

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085220.D
 Acq On : 4 Mar 2016 23:25
 Operator : SJ/IZ
 Sample : H1645-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Manual Integrations
 APPROVED

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 3/7/2016 3:30:48 PM

Quant Time: Mar 07 11:35:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166449	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	650544	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	295607	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	546727	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	373680	20.00	ng	-0.01
86) Perylene-d12	15.60	264	269837	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1166401	117.54	ng	0.01
7) Phenol-d6	6.60	99	1419140	109.16	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1123394	92.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	321631	127.16	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1889776	97.22	ng	-0.01
78) Terphenyl-d14	13.08	244	1391798	86.46	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	183976	36.25	ng	# 85
3) Pyridine	3.60	79	428551	33.74	ng	95
4) n-Nitrosodimethylamine	3.53	42	213966	39.36	ng	91
6) Aniline	6.63	93	304161	16.69	ng	99
8) 2-Chlorophenol	6.76	128	462497	38.71	ng	95
9) Benzaldehyde	6.52	77	135575	18.89	ng	98
10) Phenol	6.62	94	474118m	34.05	ng	
11) bis(2-Chloroethyl)ether	6.71	93	526767	45.55	ng	98
12) 1,3-Dichlorobenzene	6.92	146	554918	43.27	ng	98
13) 1,4-Dichlorobenzene	6.98	146	541303	42.11	ng	98
14) 1,2-Dichlorobenzene	7.14	146	524833	45.00	ng	100
15) Benzyl Alcohol	7.11	79	439304	46.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	661302	39.67	ng	99
17) 2-Methylphenol	7.22	107	416557	42.73	ng	99
18) Hexachloroethane	7.49	117	206700	43.59	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	351520	41.48	ng	# 89
20) 3+4-Methylphenols	7.37	107	455870	39.48	ng	93
22) Acetophenone	7.38	105	687853	43.32	ng	# 97
24) Nitrobenzene	7.56	77	591120	47.86	ng	97
25) Isophorone	7.80	82	1012795	44.95	ng	99
26) 2-Nitrophenol	7.88	139	269192	44.79	ng	97
27) 2,4-Dimethylphenol	7.91	122	490760	44.68	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	592694	47.24	ng	99
29) 2,4-Dichlorophenol	8.12	162	394988	44.59	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	443404	46.30	ng	99
31) Naphthalene	8.28	128	1529621	47.82	ng	100
32) Benzoic acid	7.99	122	105183	14.42	ng	97
33) 4-Chloroaniline	8.32	127	185825	14.36	ng	94
34) Hexachlorobutadiene	8.40	225	235275	47.22	ng	99
35) Caprolactam	8.70	113	115857m	40.05	ng	
36) 4-Chloro-3-methylphenol	8.80	107	413395	41.14	ng	98
37) 2-Methylnaphthalene	8.97	142	1049334	51.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	377173	44.61	ng	98
40) Hexachlorocyclopentadiene	9.12	237	378344	82.98	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	287976	45.76	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	275102	46.11	nq	# 93
45) 1,1'-Biphenyl	9.43	154	1126455	44.60	nq	99
46) 2-Chloronaphthalene	9.46	162	911004	47.32	nq	99
47) 2-Nitroaniline	9.56	65	296681	49.73	nq	# 74
48) Acenaphthylene	9.88	152	1312906	43.82	nq	99
49) Dimethylphthalate	9.74	163	1182551	52.12	nq	100
50) 2,6-Dinitrotoluene	9.80	165	221402	45.61	nq	96
51) Acenaphthene	10.05	154	776110	42.66	nq	99
52) 3-Nitroaniline	9.97	138	165998	28.58	nq	87
53) 2,4-Dinitrophenol	10.07	184	38805	22.20	nq	# 34
54) Dibenzofuran	10.22	168	1133330	47.55	nq	99
55) 4-Nitrophenol	10.12	139	279962	61.35	nq	# 75
56) 2,4-Dinitrotoluene	10.20	165	272110	43.80	nq	94
57) Fluorene	10.56	166	851319	45.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	193650	46.20	nq	99
59) Diethylphthalate	10.44	149	1019894	46.32	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	397841	43.68	nq	95
61) 4-Nitroaniline	10.57	138	216815	39.92	nq	99
62) Azobenzene	10.71	77	1021275	47.08	nq	98
64) 4,6-Dinitro-2-methylphenol	10.61	198	51345	15.68	nq	89
65) n-Nitrosodiphenylamine	10.68	169	831914	48.92	nq	98
66) 4-Bromophenyl-phenylether	11.04	248	247272	46.58	nq	94
67) Hexachlorobenzene	11.11	284	258707	45.68	nq	# 87
68) Atrazine	11.20	200	285477	60.36	nq	94
69) Pentachlorophenol	11.30	266	193860	61.67	nq	98
70) Phenanthrene	11.52	178	1241697	43.34	nq	99
71) Anthracene	11.58	178	1418752	46.64	nq	99
72) Carbazole	11.73	167	1144485	42.91	nq	99
73) Di-n-butylphthalate	12.06	149	1565861	46.44	nq	99
74) Fluoranthene	12.71	202	1263647	43.95	nq	98
76) Benzidine	12.83	184	298146	26.81	nq	98
77) Pyrene	12.94	202	1244722	44.26	nq	100
79) Butylbenzylphthalate	13.56	149	640183	50.16	nq	# 76
80) Benzo(a)anthracene	14.13	228	999885	44.70	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	159763	22.64	nq	98
82) Chrysene	14.16	228	907462	43.91	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	786439	46.83	nq	# 97
84) Di-n-octyl phthalate	14.72	149	1191154	46.57	nq	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	772631	47.91	nq	99
87) Benzo(b)fluoranthene	15.18	252	866273	48.16	nq	# 95
88) Benzo(k)fluoranthene	15.20	252	689941m	47.56	nq	
89) Benzo(a)pyrene	15.55	252	723752	48.56	nq	99
90) Dibenzo(a,h)anthracene	17.10	278	647486	50.89	nq	97
91) Benzo(g,h,i)perylene	17.52	276	659283	51.54	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

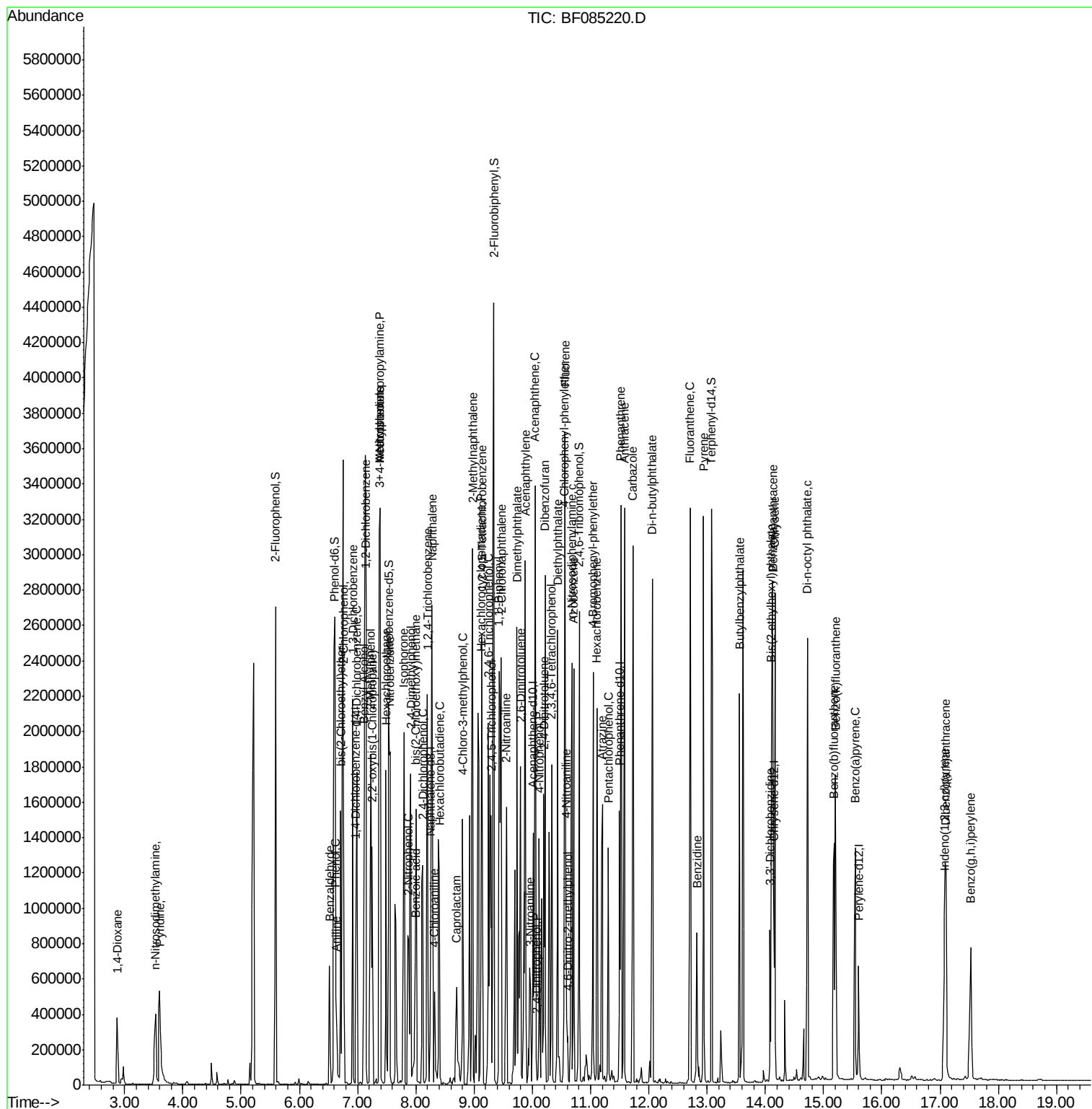
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Sample    : H1645-03MSD  
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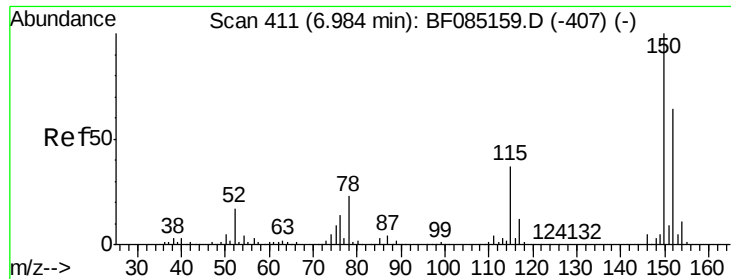
Instrument :
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ClientSampleId :
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#1

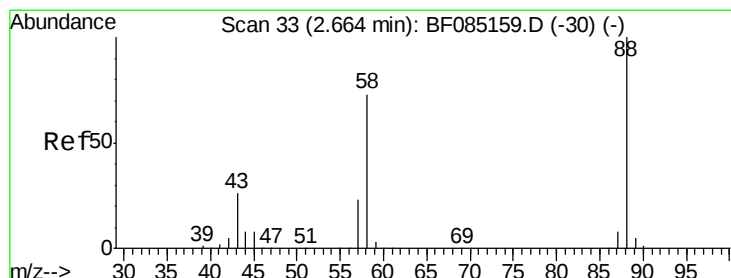
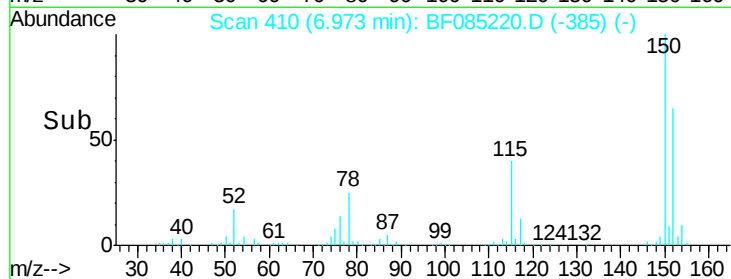
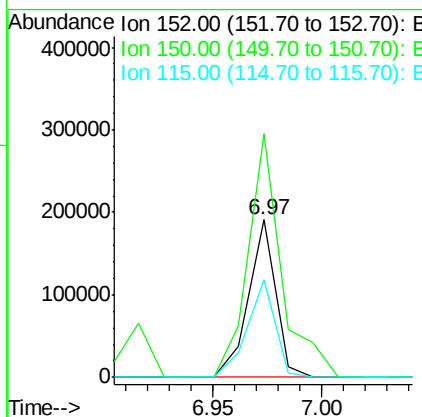
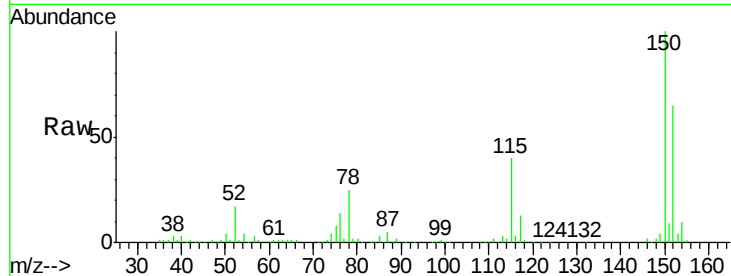
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.4	46.6	70.0

Manual Integrations
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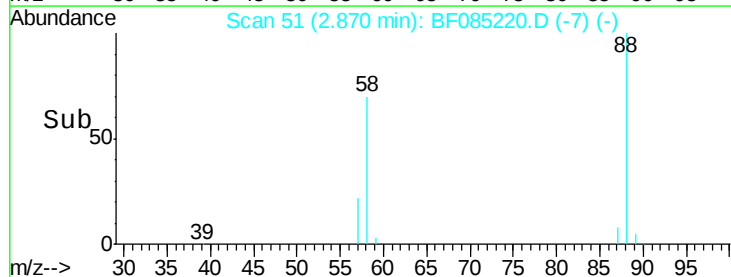
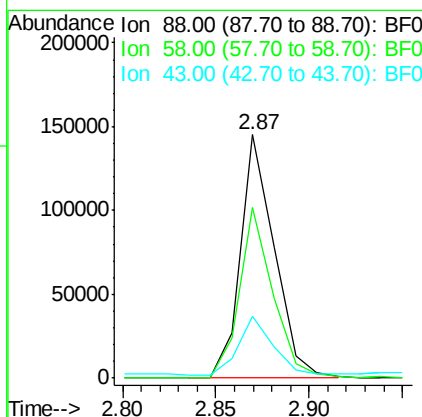
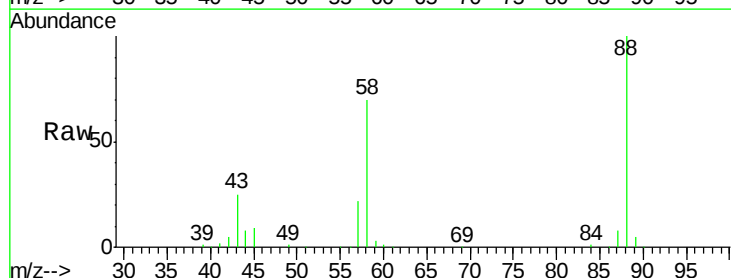
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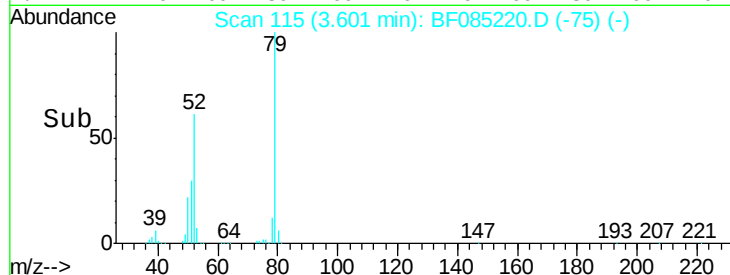
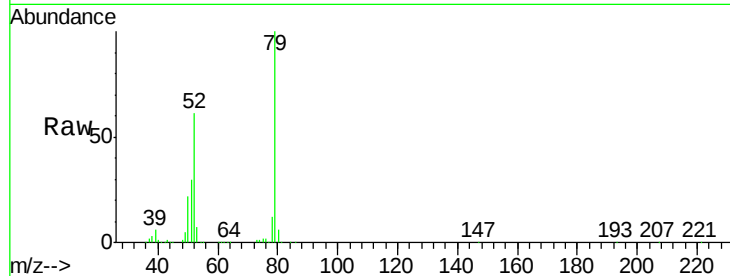
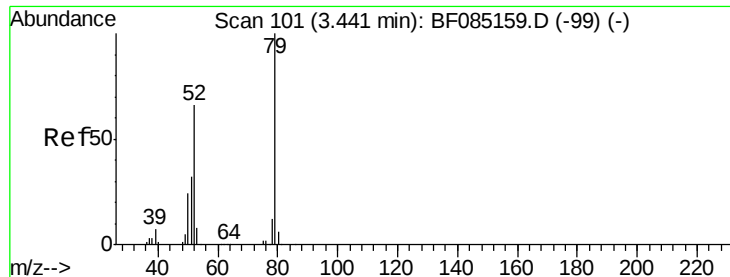


#2

1,4-Dioxane
Concen: 36.25 ng
RT: 2.87 min Scan# 51
Delta R.T. 0.21 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	57.0	85.6
43	0.0	20.5	30.7#





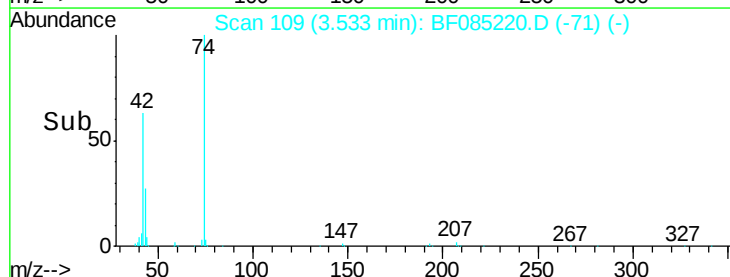
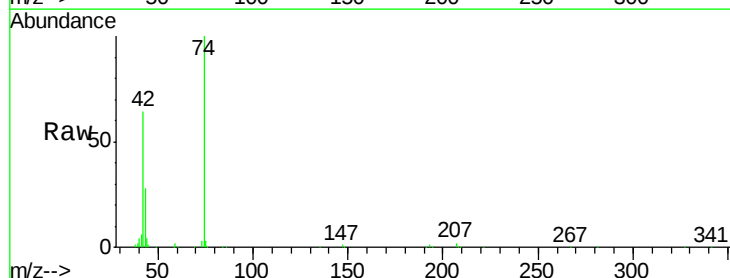
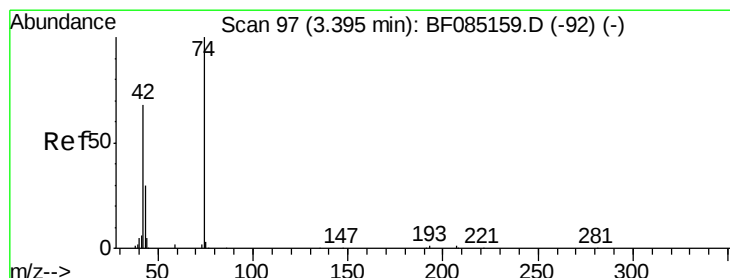
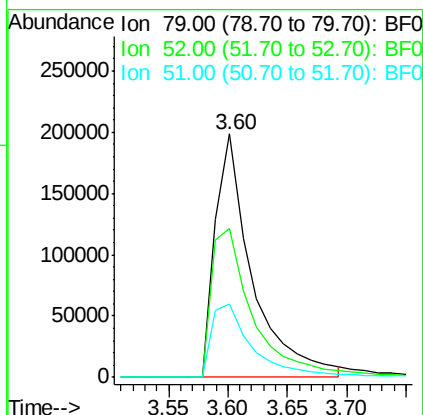
#3
 Pvridine
 Concen: 33.74 ng
 RT: 3.60 min Scan# 115
 Delta R.T. 0.16 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.3	52.6	79.0
51	30.0	25.8	38.8

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

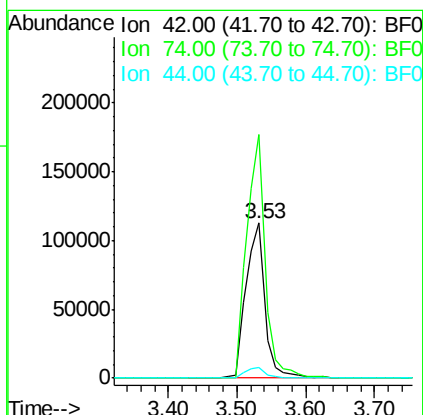
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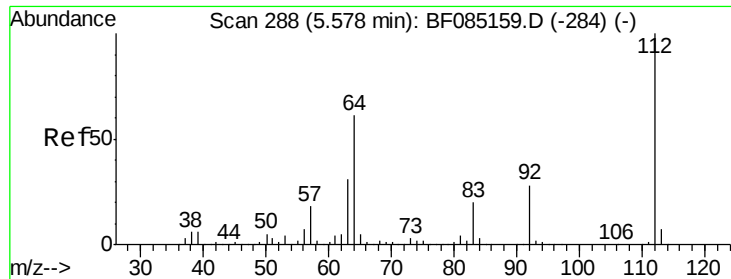
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#4
 n-Nitrosodimethylamine
 Concen: 39.36 ng
 RT: 3.53 min Scan# 109
 Delta R.T. 0.14 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.3	116.8	175.2
44	7.0	5.5	8.3





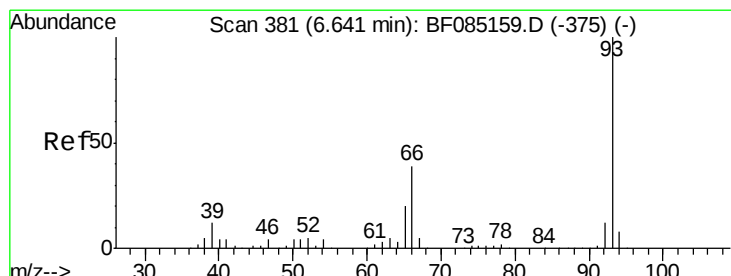
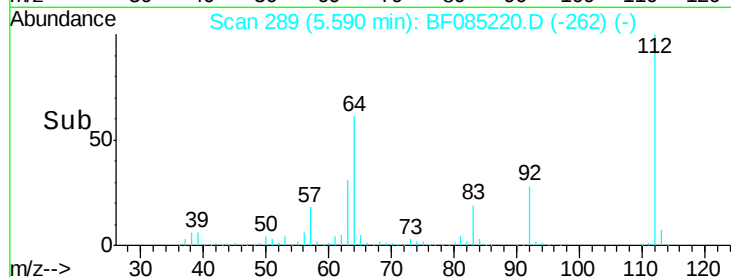
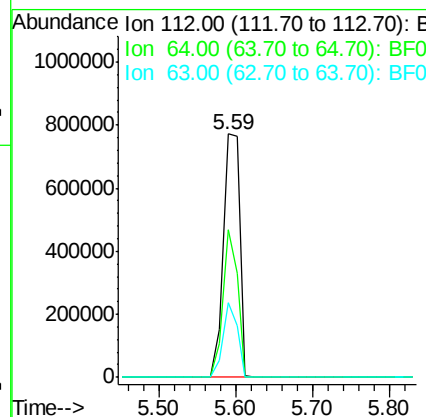
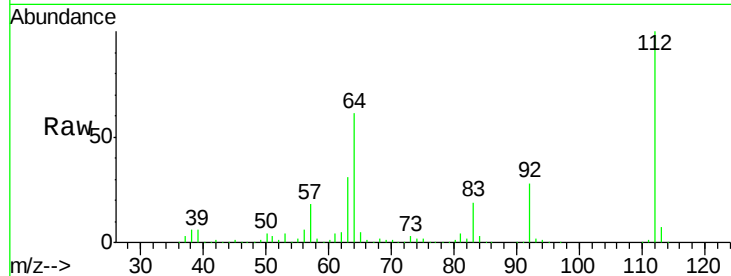
#5
 2-Fluorophenol
 Concen: 117.54 ng
 RT: 5.59 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampled :
 ELP-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		1166401		
64	60.6	49.0		73.4	
63	30.5	24.8		37.2	

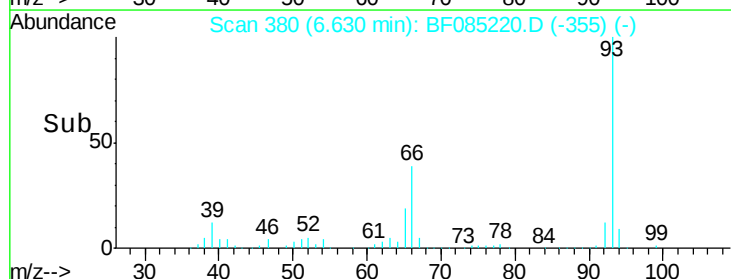
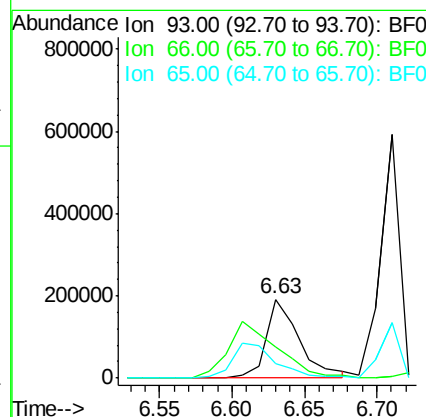
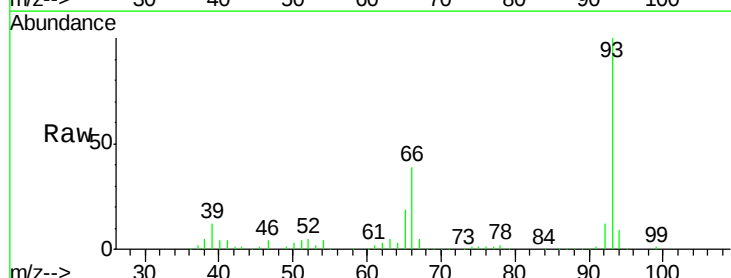
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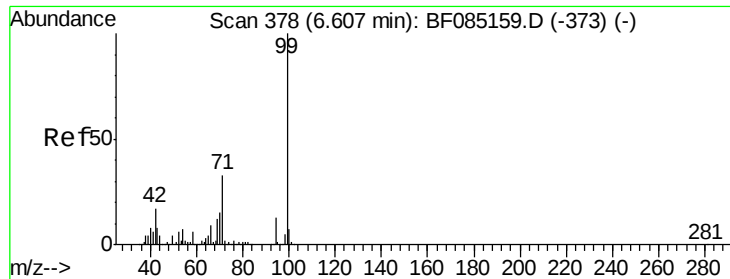
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#6
 Aniline
 Concen: 16.69 ng
 RT: 6.63 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		304161		
66	39.5	31.6		47.4	
65	19.0	15.8		23.8	





#7

Phenol-d6

Concen: 109.16 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

ELP-7MSD

Tot Ion: 99 Resp: 1419140

Ion Ratio Lower Upper

99 100

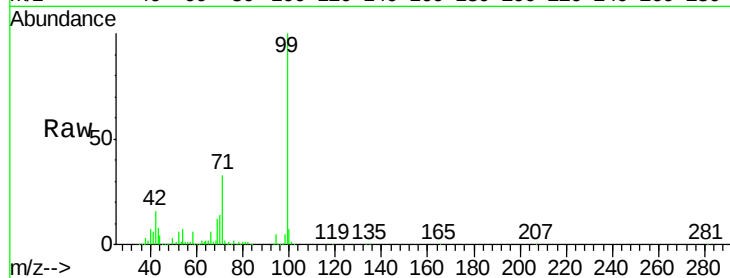
42 16.3 13.6 20.4

71 33.4 26.7 40.1

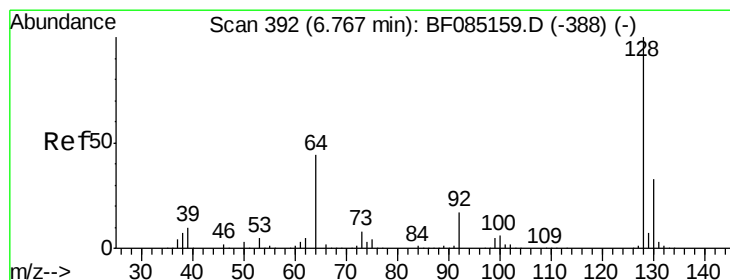
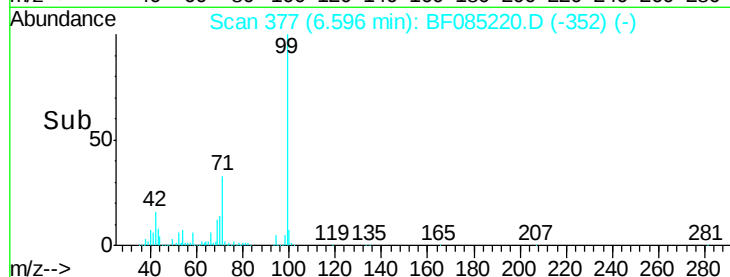
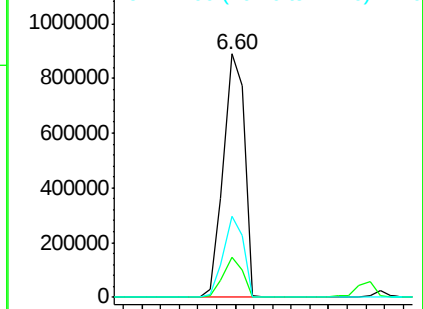
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.71 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

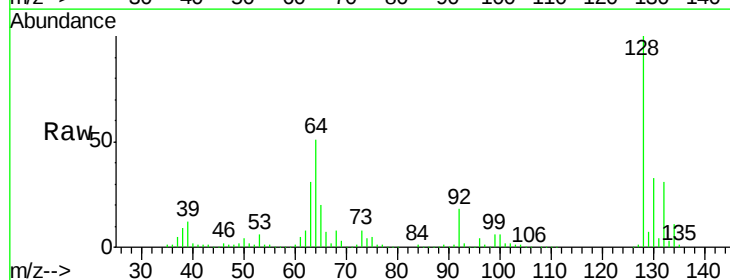
Tgt Ion: 128 Resp: 462497

Ion Ratio Lower Upper

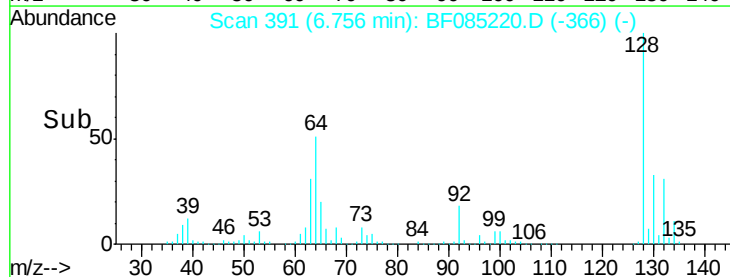
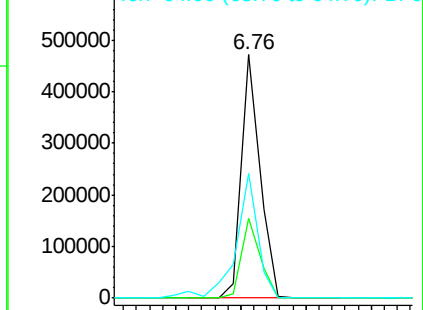
128 100

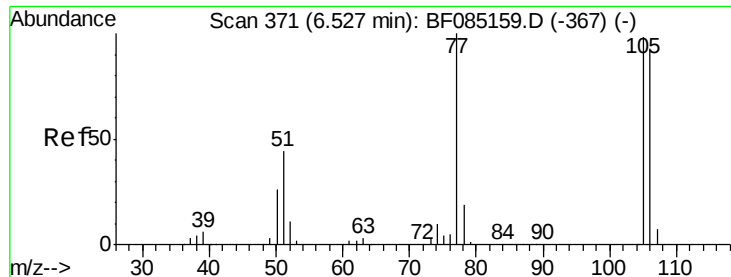
130 32.7 13.3 53.3

64 51.2 25.7 65.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.89 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

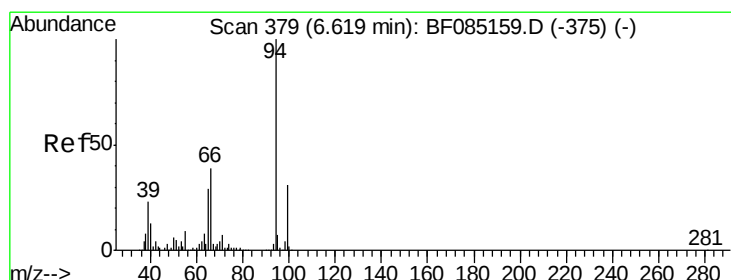
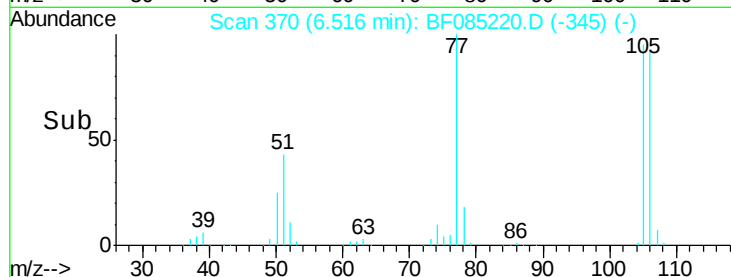
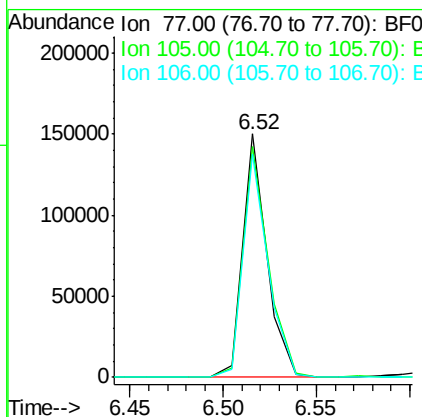
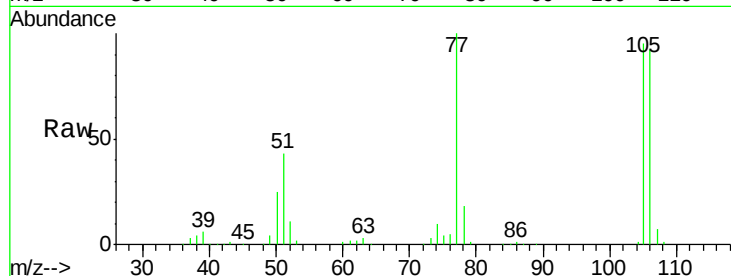
ClientSampleId :

ELP-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	95.0		78.2	118.2	
106	91.8		72.9	112.9	

Manual Integrations
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#10

Phenol

Concen: 34.05 ng m

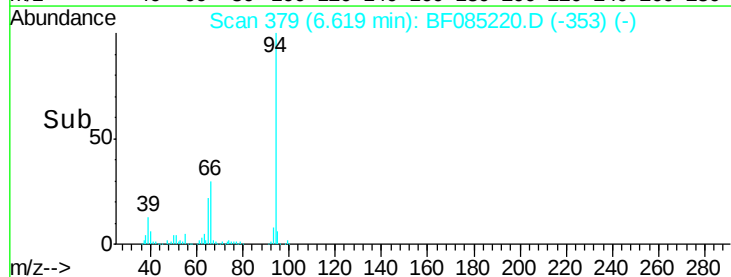
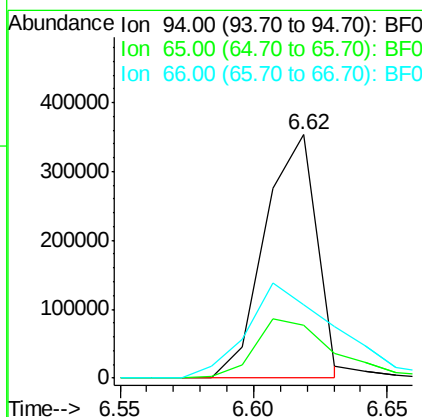
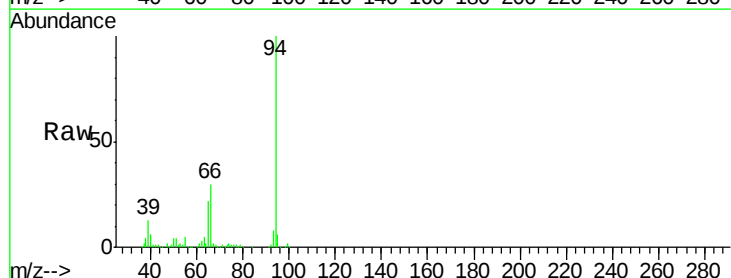
RT: 6.62 min Scan# 379

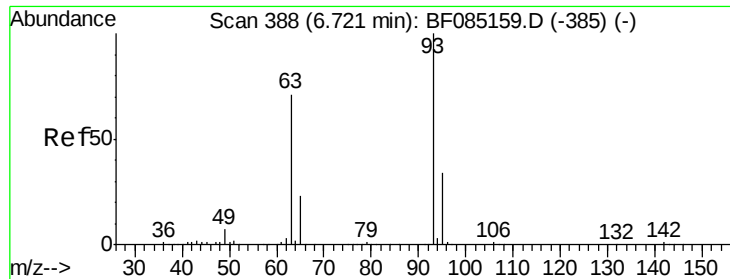
Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	22.0		9.1	49.1	
66	30.2		19.3	59.3	





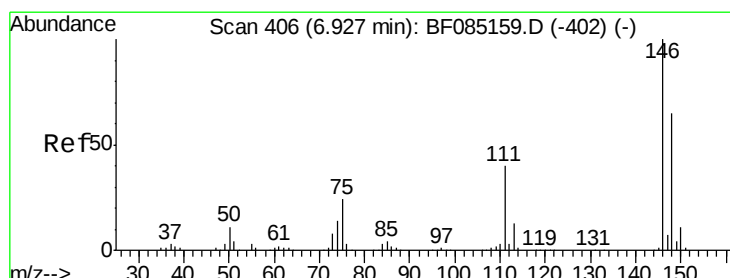
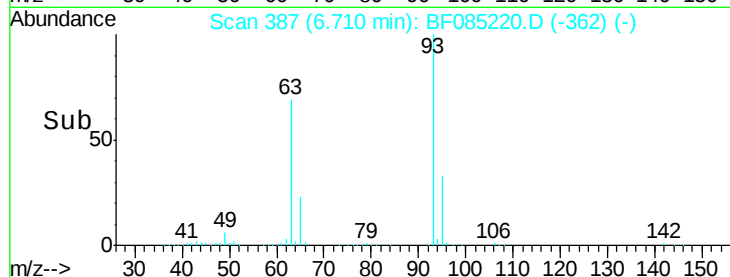
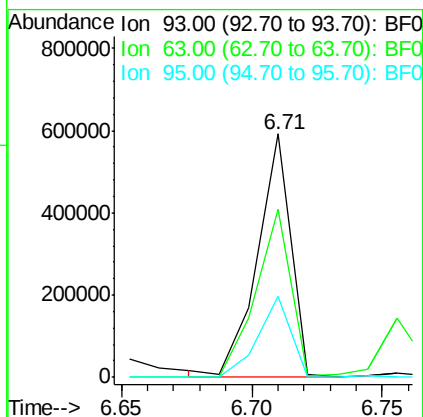
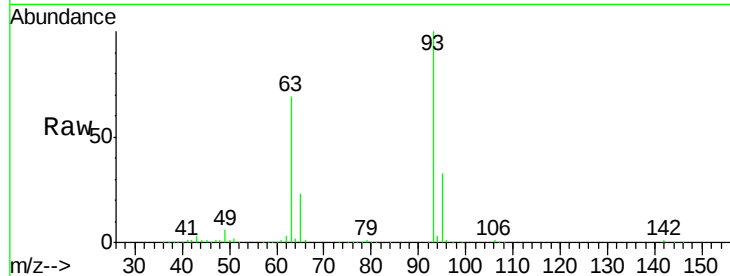
#11
bis(2-Chloroethyl)ether
Concen: 45.55 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	526767		
63	69.3	50.9	90.9	
95	33.2	13.7	53.7	

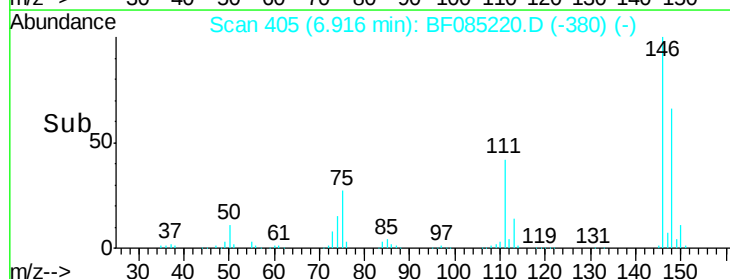
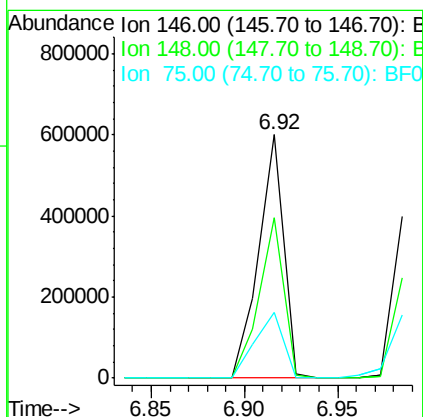
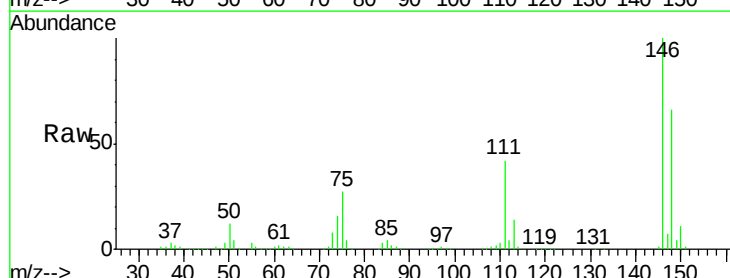
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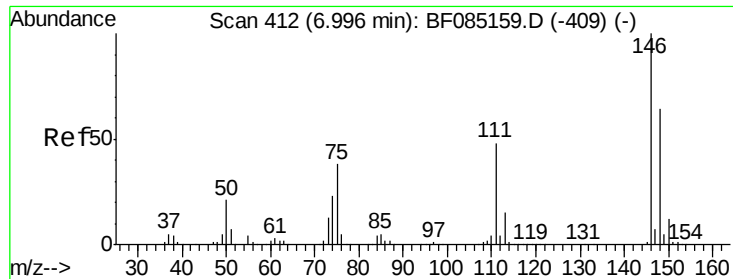
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#12
1,3-Dichlorobenzene
Concen: 43.27 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	554918		
148	66.0	52.1	78.1	
75	27.1	19.5	29.3	





#13

1,4-Dichlorobenzene

Concen: 42.11 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

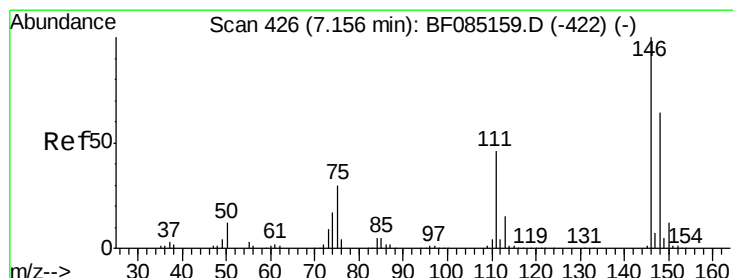
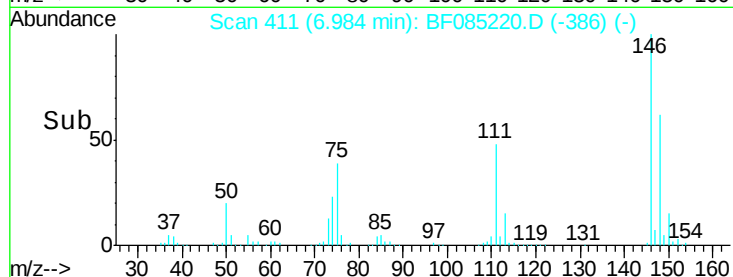
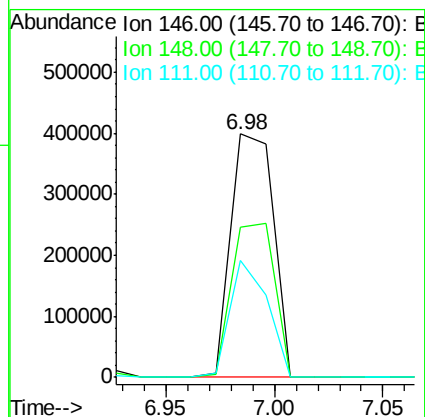
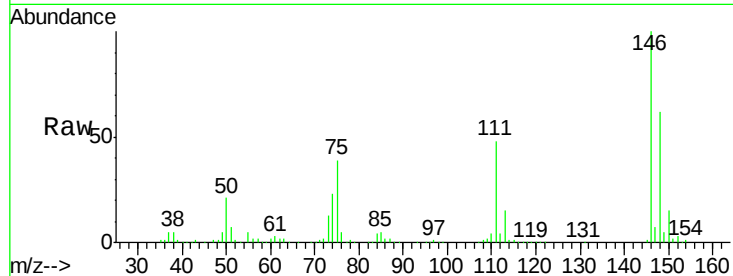
ClientSampleId :

ELP-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.3	76.9
111	48.0	38.4	57.6

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#14

1,2-Dichlorobenzene

Concen: 45.00 ng

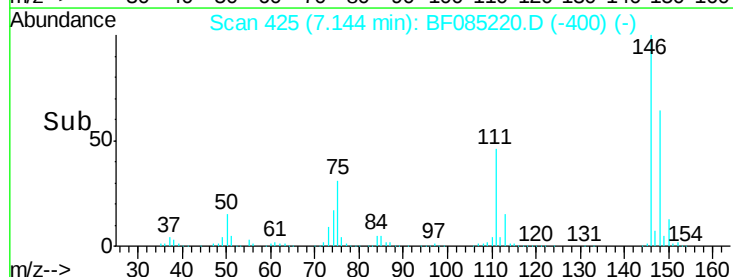
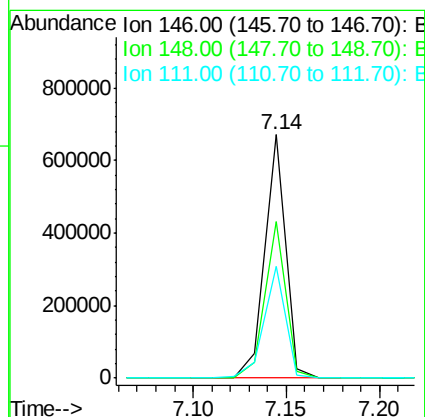
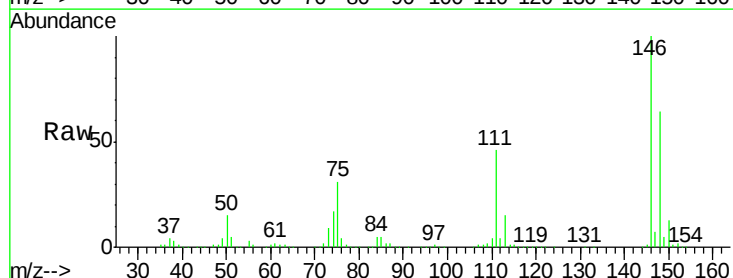
RT: 7.14 min Scan# 425

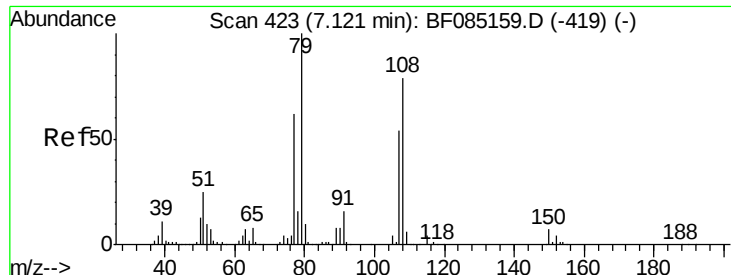
Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	45.8	36.7	55.1





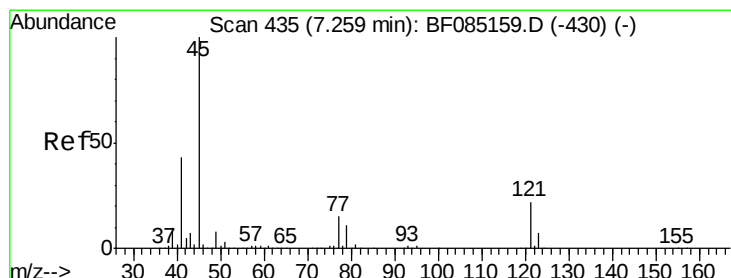
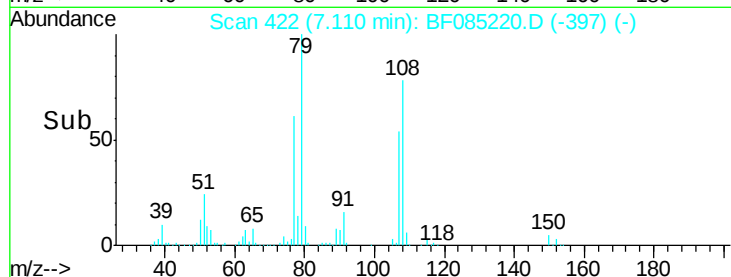
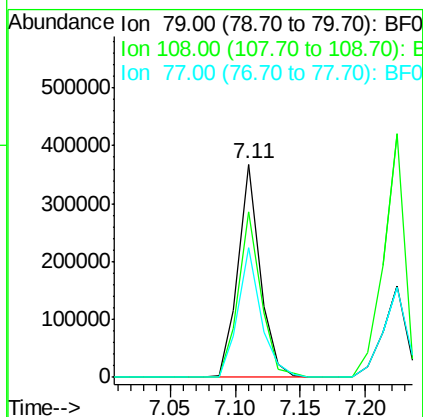
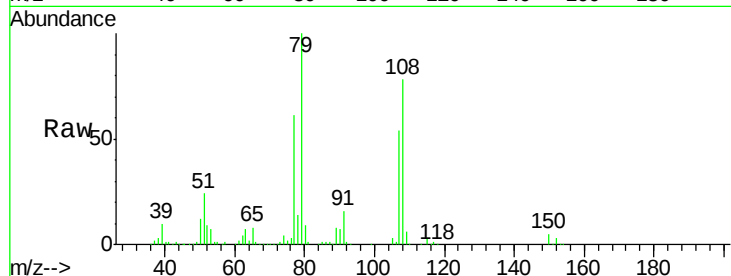
#15
Benzyl Alcohol
Concen: 46.03 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	62.9	94.3
77	61.0	49.5	74.3

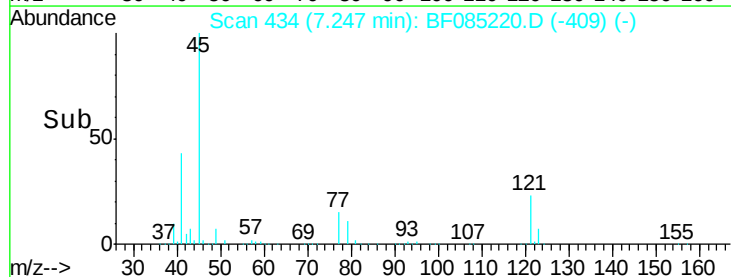
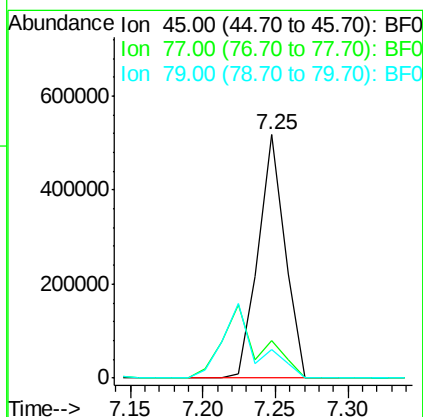
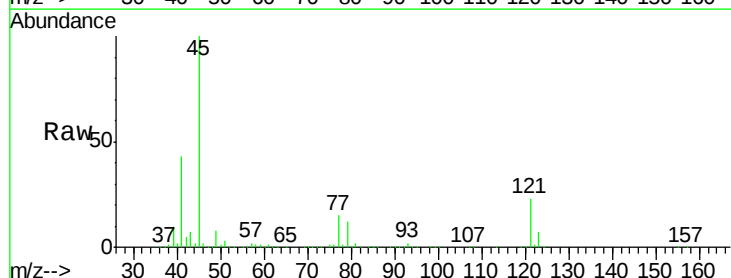
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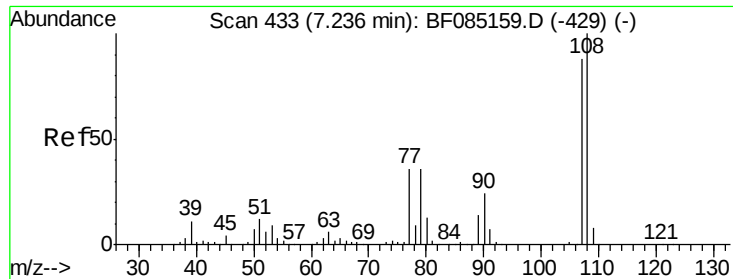
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.67 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.1
79	11.7	0.0	31.3





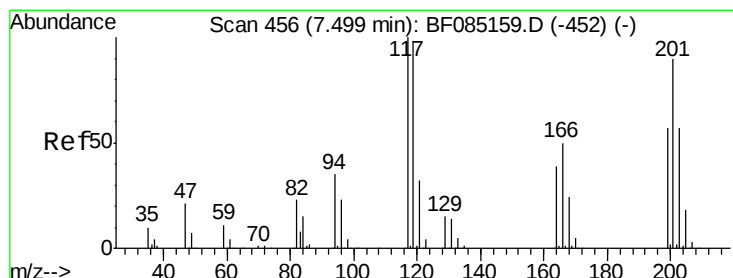
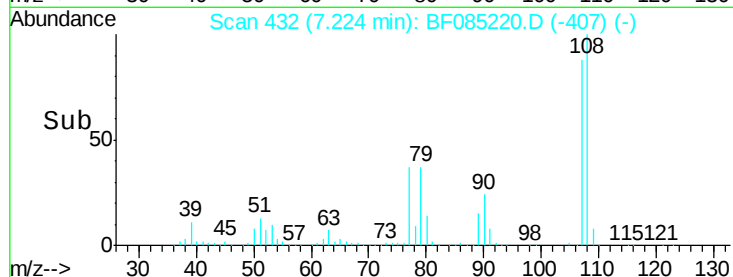
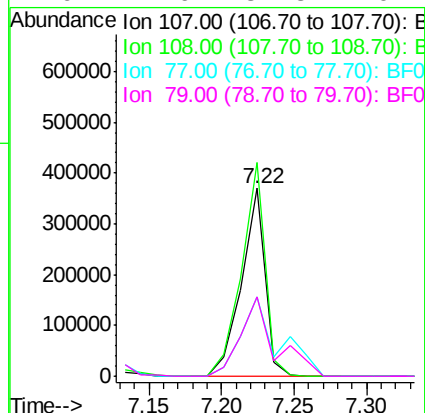
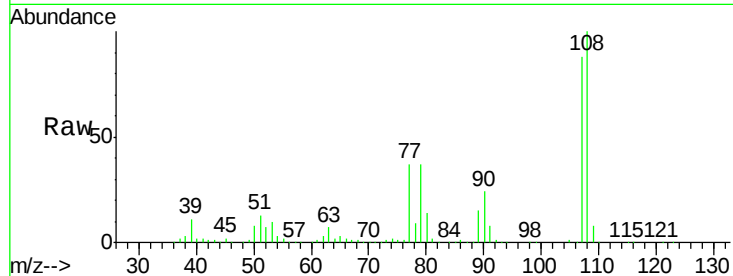
#17
2-Methylphenol
Concen: 42.73 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion:	107	Resp:	416557
Ion Ratio	Lower	Upper	
107	100		
108	113.8	90.9	136.3
77	42.3	32.6	48.8
79	42.6	32.8	49.2

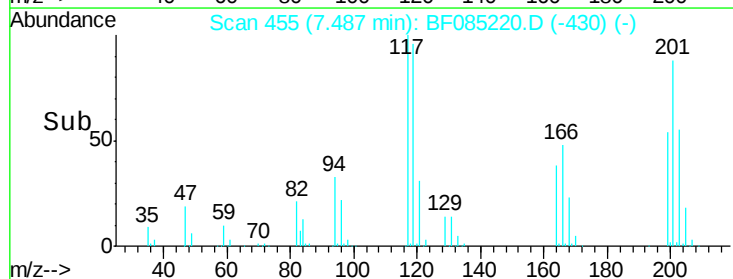
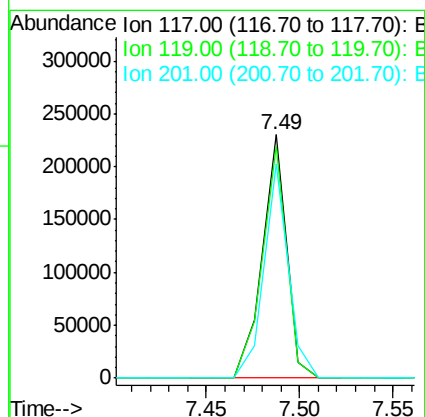
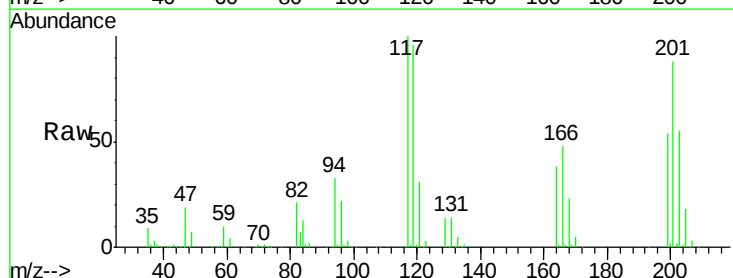
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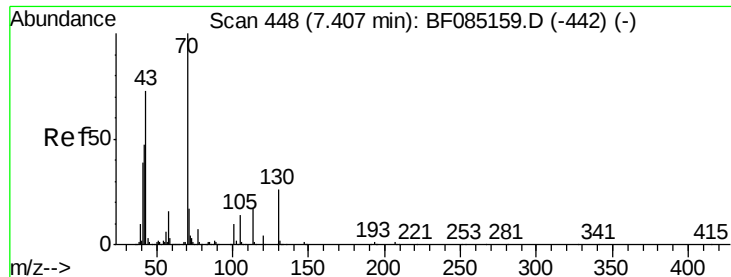
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#18
Hexachloroethane
Concen: 43.59 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:	117	Resp:	206700
Ion Ratio	Lower	Upper	
117	100		
119	95.5	78.2	117.4
201	88.2	72.0	108.0





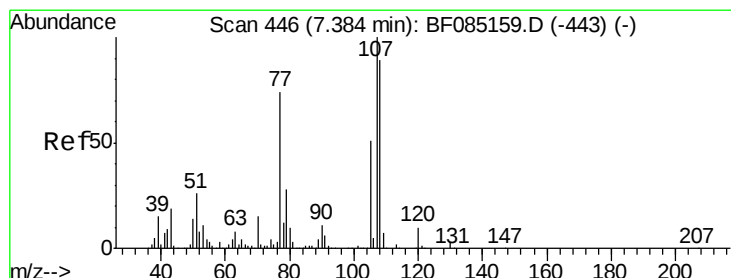
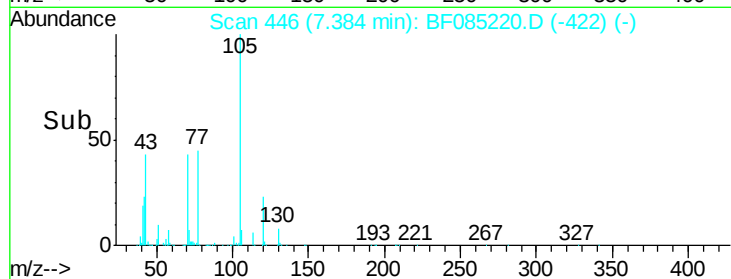
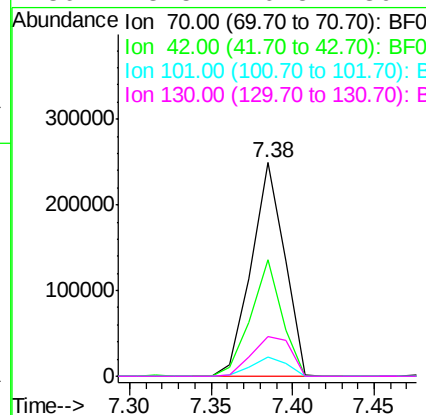
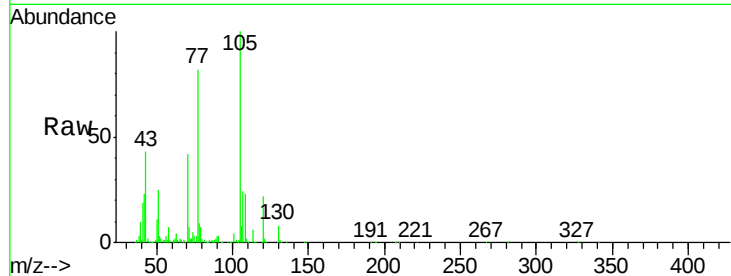
#19
n-Nitroso-di-n-propylamine
Concen: 41.48 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		351520		
42	54.8	37.7	56.5		
101	8.8	8.2	12.4		
130	18.5	20.5	30.7#		

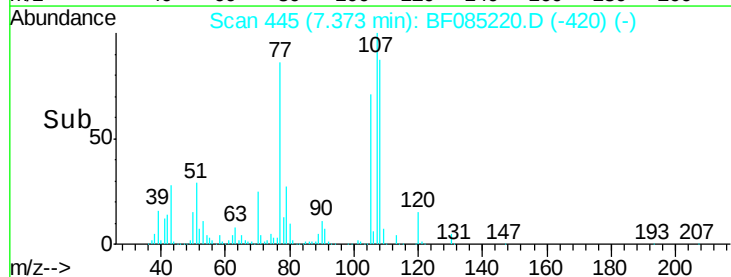
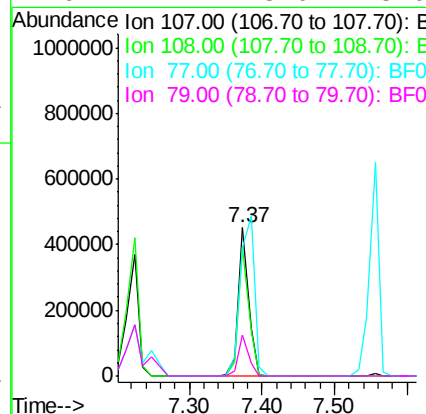
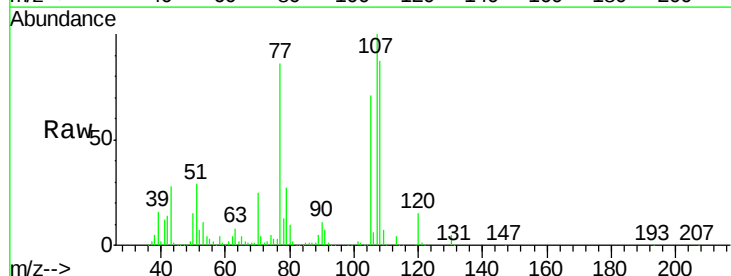
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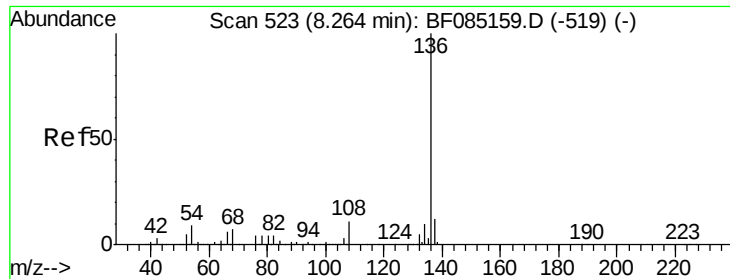
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#20
3+4-Methylphenols
Concen: 39.48 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		455870		
108	87.0	68.8	108.8		
77	86.5	53.6	93.6		
79	27.4	8.0	48.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

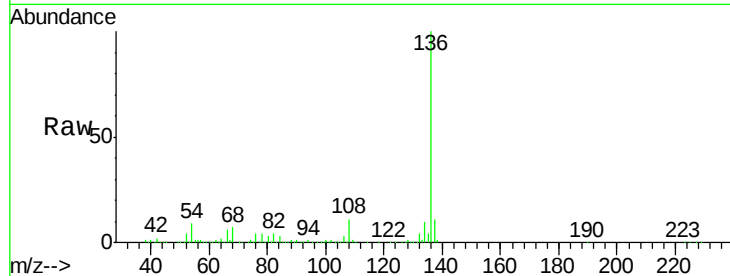
ClientSampleId :

ELP-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		650544		
137	11.3		9.3	13.9	
54	8.8		7.4	11.2	
68	7.3		6.0	9.0	

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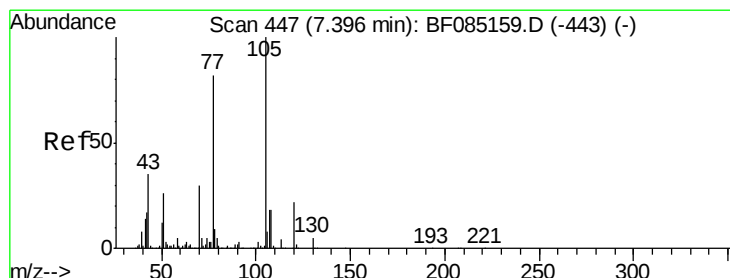
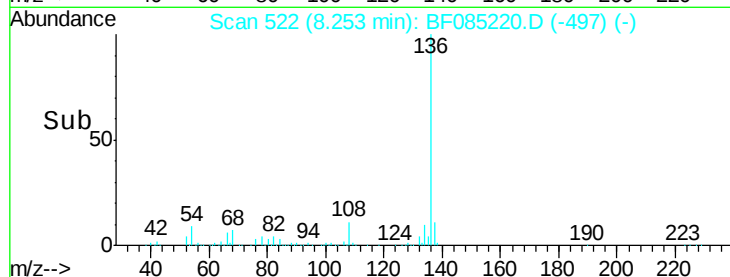
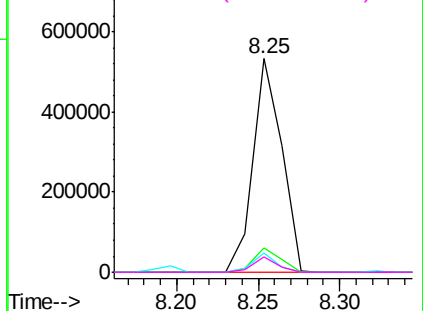
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.32 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		687853		
71	7.1		4.1	6.1#	
51	24.7		21.1	31.7	
120	22.0		17.3	25.9	

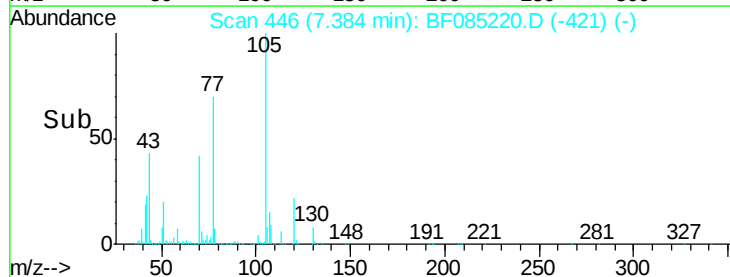
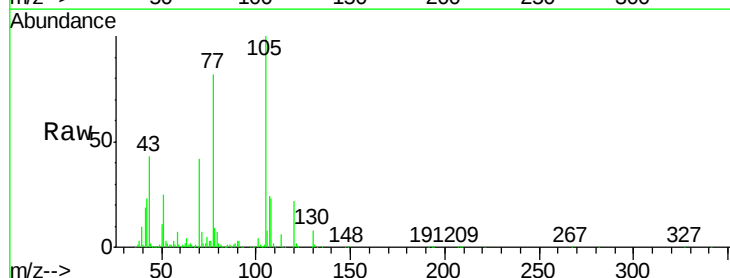
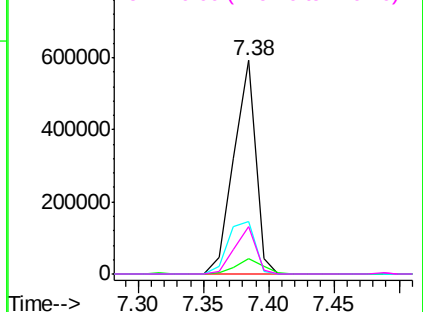
Abundance

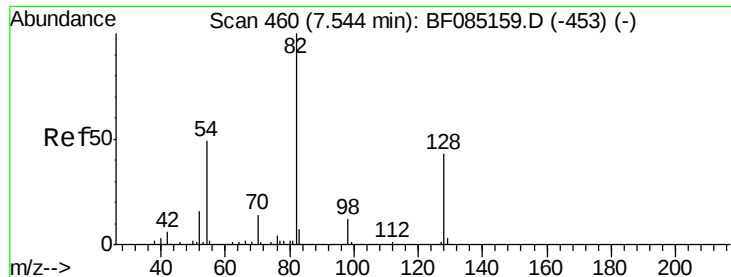
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.41 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

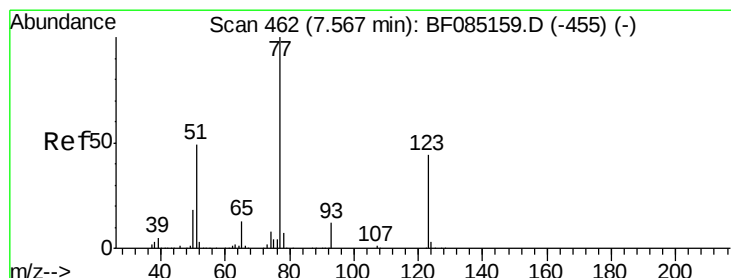
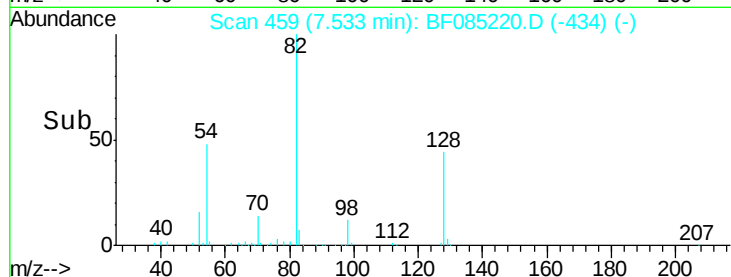
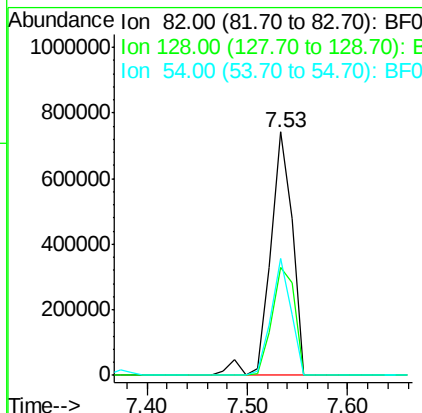
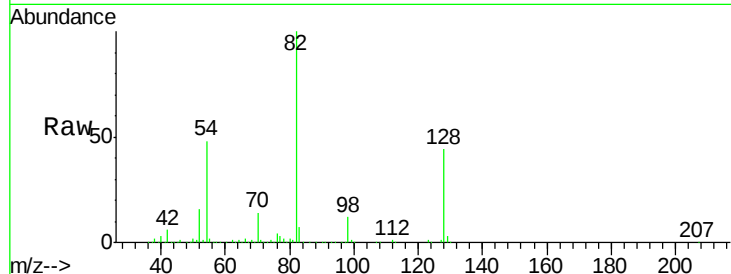
ClientSampled :

ELP-7MSD

Tot Ion:	82	Resp:	1123394
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.5	51.7
54	48.0	39.3	58.9

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#24

Nitrobenzene

Concen: 47.86 ng

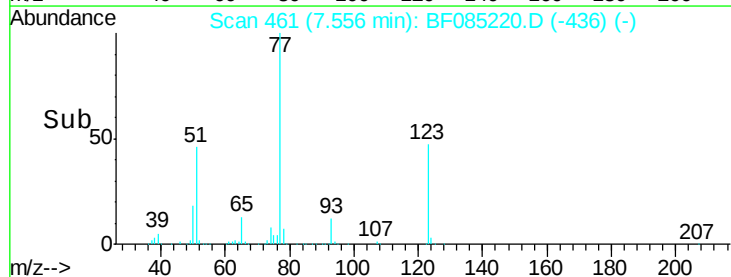
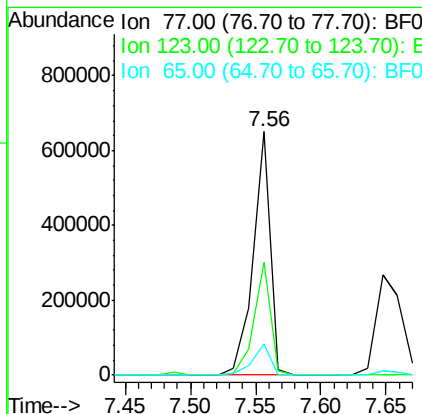
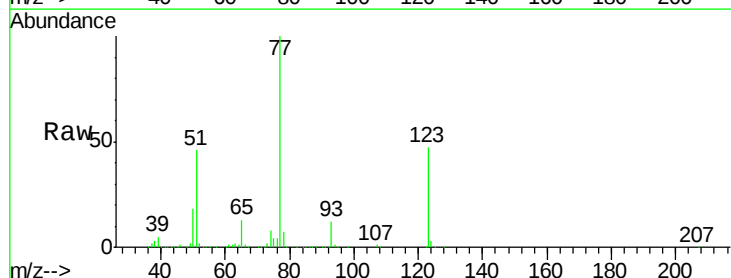
RT: 7.56 min Scan# 461

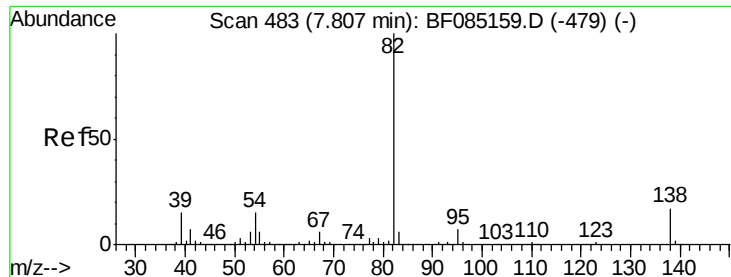
Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion:	77	Resp:	591120
Ion	Ratio	Lower	Upper
77	100		
123	46.7	35.4	53.2
65	12.9	10.6	16.0





#25

Isophorone

Concen: 44.95 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

ELP-7MSD

Tot Ion: 82 Resp: 1012795

Ion Ratio Lower Upper

82 100

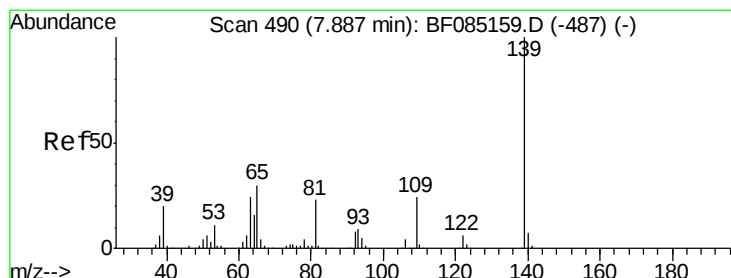
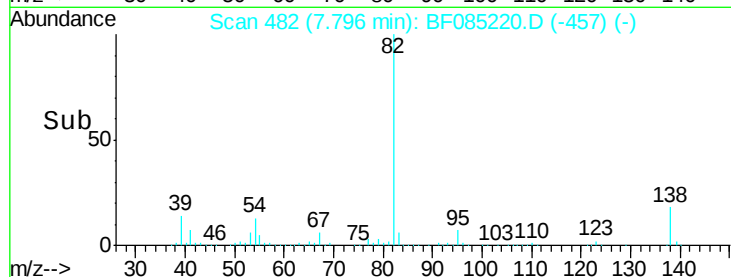
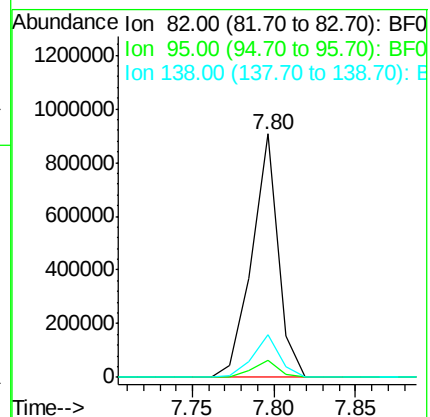
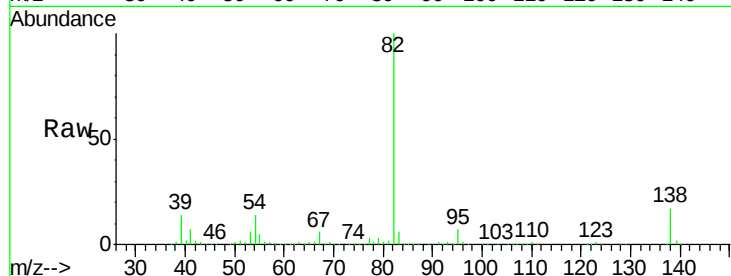
95 7.0 5.4 8.2

138 17.3 13.3 19.9

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#26

2-Nitrophenol

Concen: 44.79 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

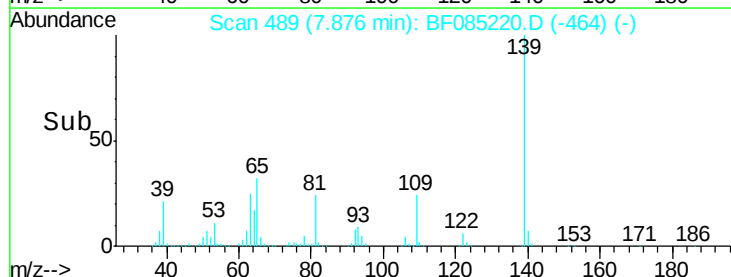
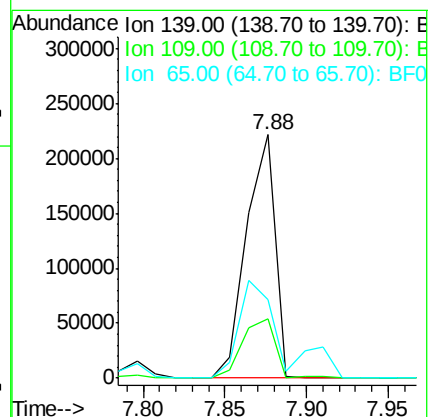
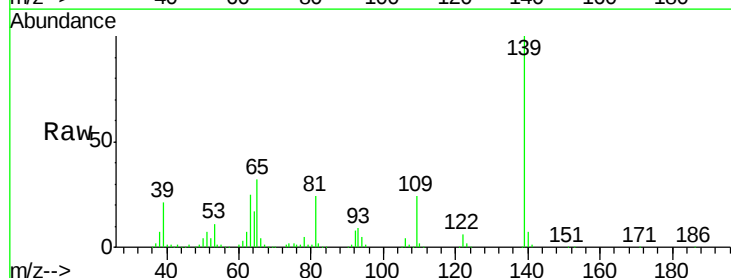
Tgt Ion: 139 Resp: 269192

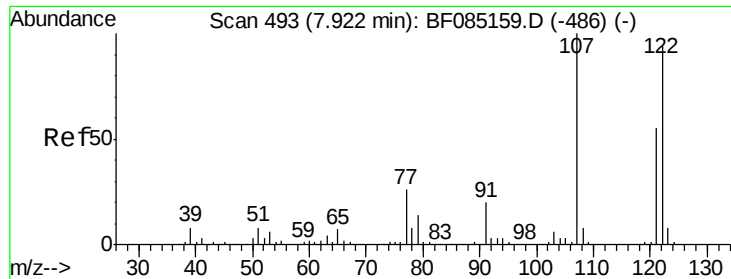
Ion Ratio Lower Upper

139 100

109 24.4 19.1 28.7

65 32.4 23.9 35.9





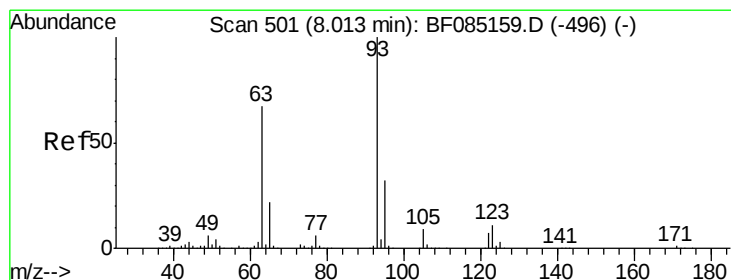
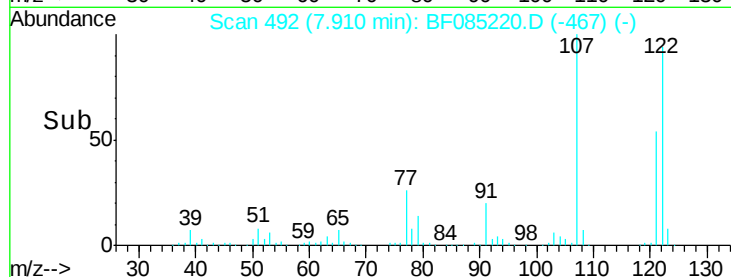
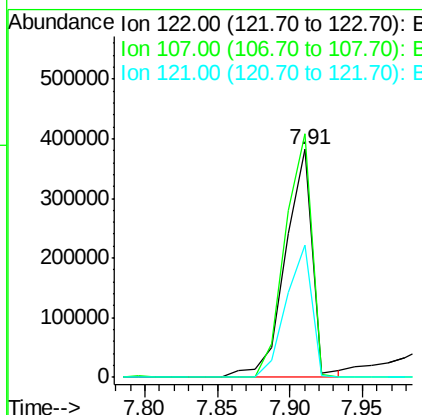
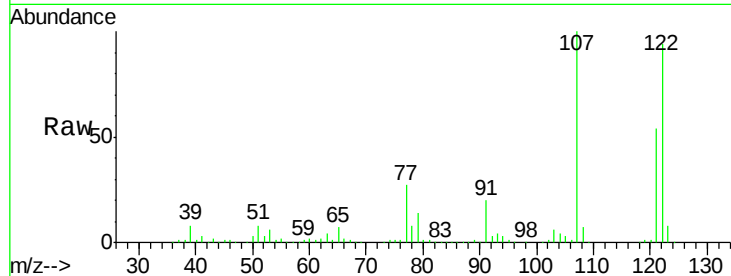
#27
 2,4-Dimethylphenol
 Concen: 44.68 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	490760		
107	106.9	84.8	127.2	
121	58.0	47.0	70.6	

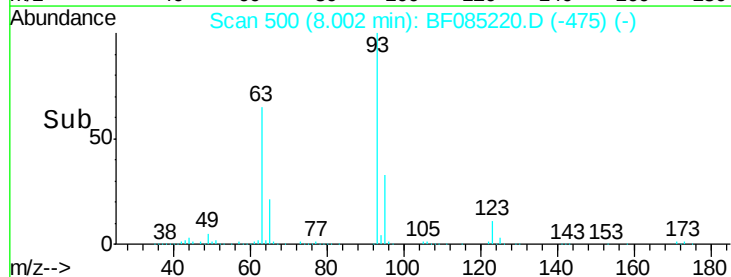
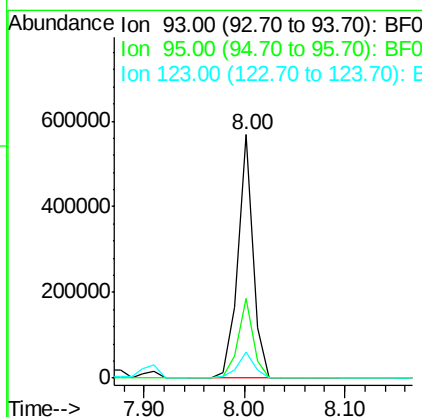
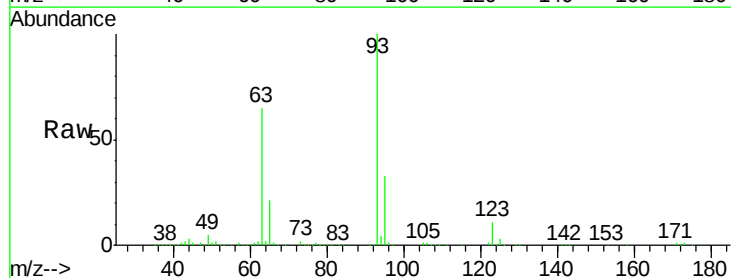
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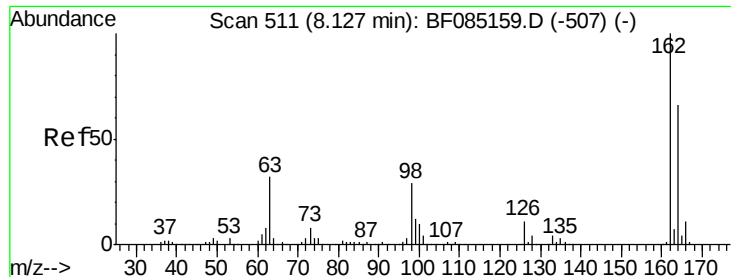
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.24 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	592694		
95	33.0	25.9	38.9	
123	10.6	8.8	13.2	





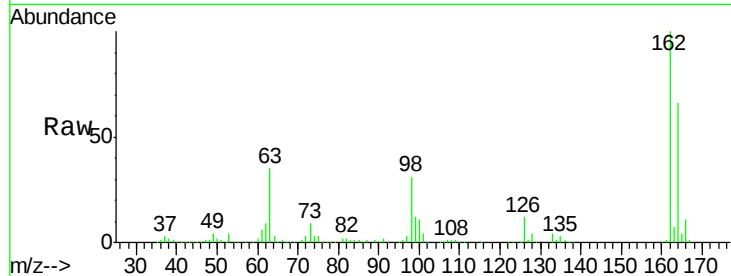
#29
 2,4-Dichlorophenol
 Concen: 44.59 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

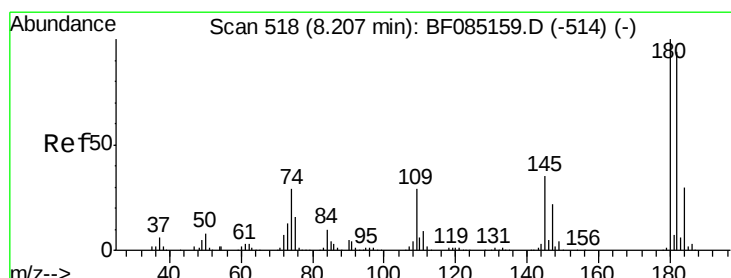
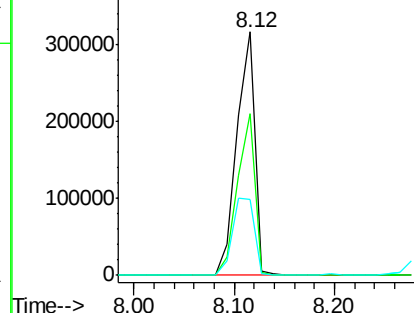
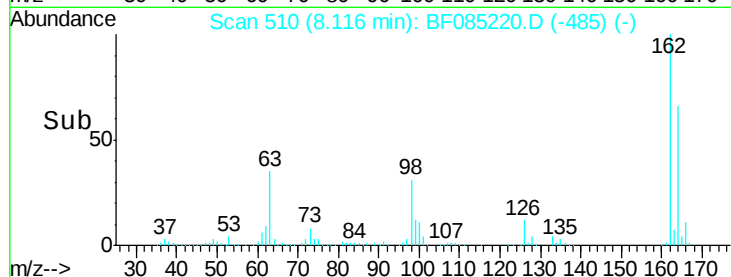
Tot Ion	Ratio	Resp	Lower	Upper
162	100	394988		
164	66.3	45.7	85.7	
98	31.3	9.4	49.4	

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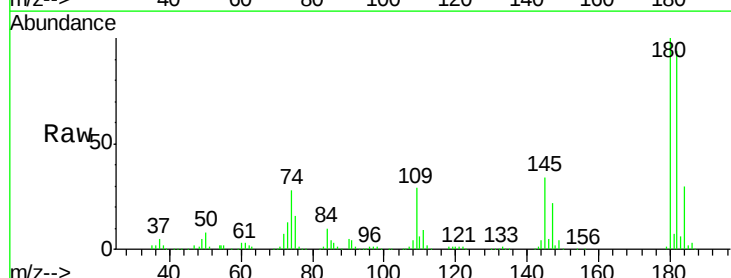


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

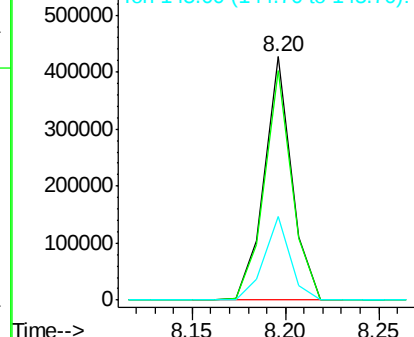
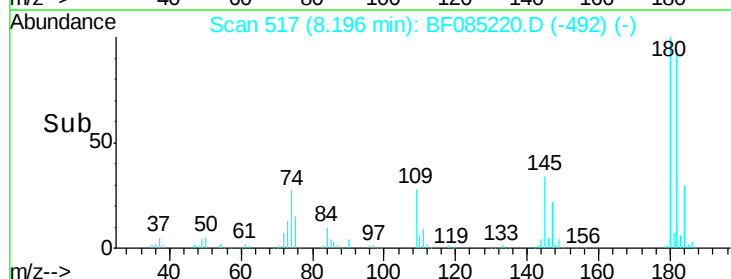


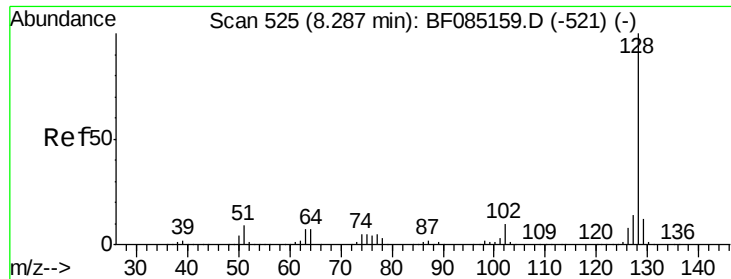
#30
 1,2,4-Trichlorobenzene
 Concen: 46.30 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	443404		
182	94.5	74.9	112.3	
145	34.3	27.9	41.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





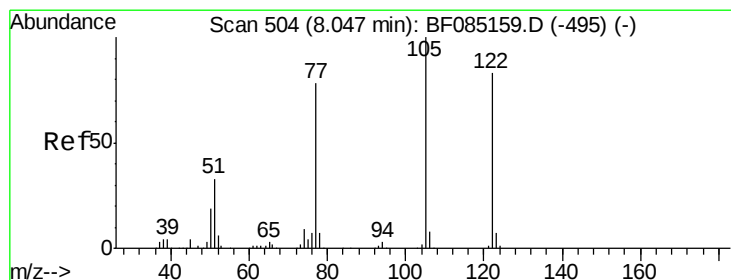
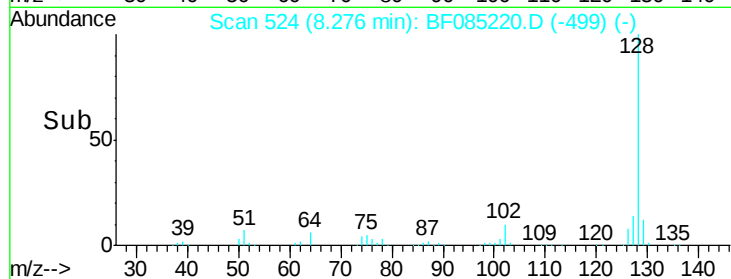
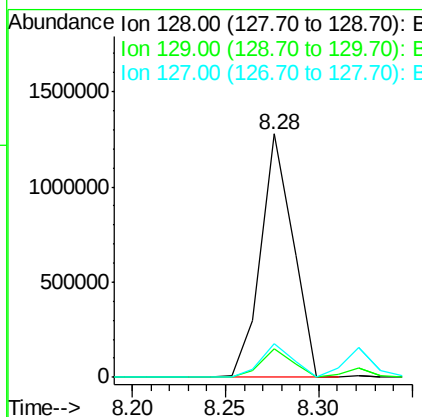
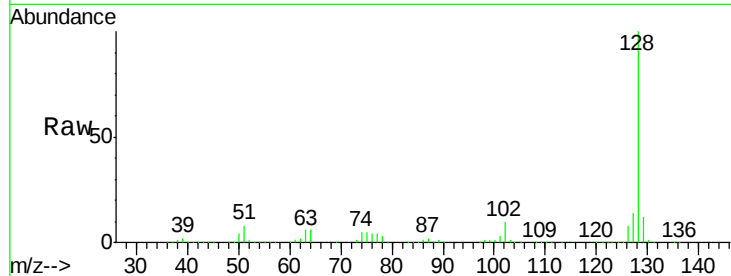
#31
Naphthalene
Concen: 47.82 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion:128 Resp: 1529621
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.9 11.2 16.8

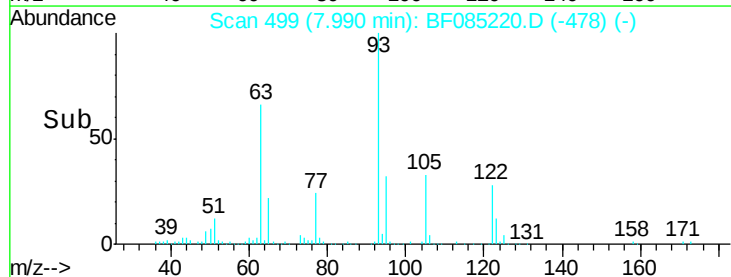
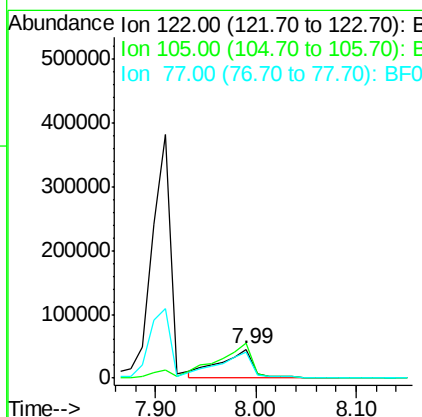
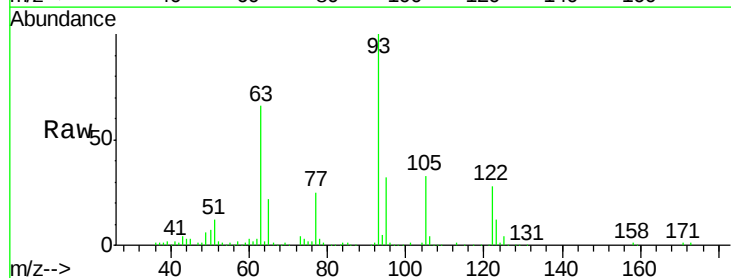
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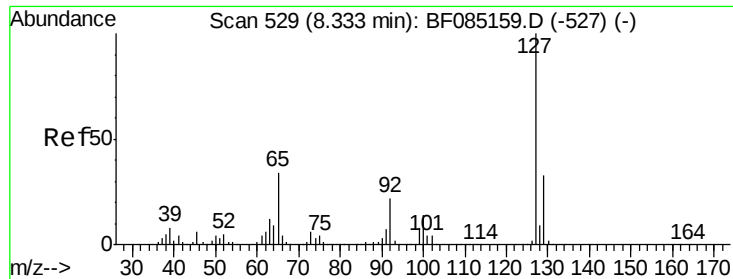
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#32
Benzoic acid
Concen: 14.42 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion:122 Resp: 105183
Ion Ratio Lower Upper
122 100
105 119.9 101.3 141.3
77 88.8 74.7 114.7





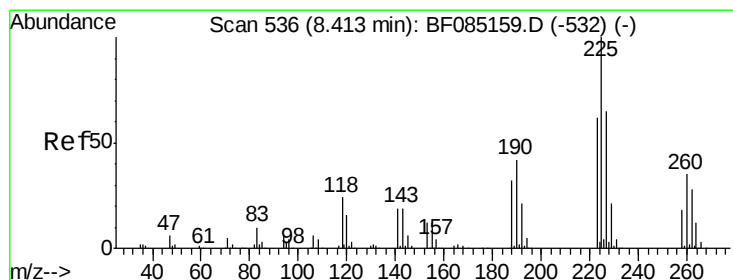
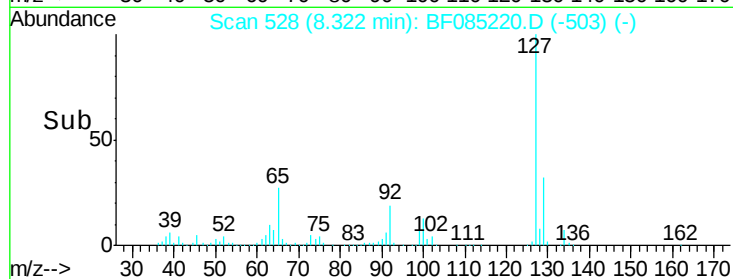
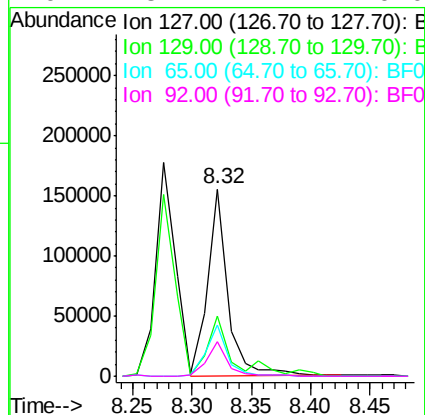
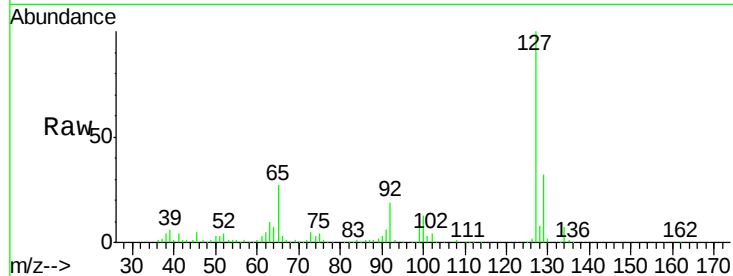
#33
4-Chloroaniline
Concen: 14.36 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		26.1	39.1	
65	27.5		27.0	40.6	
92	18.7		17.4	26.0	

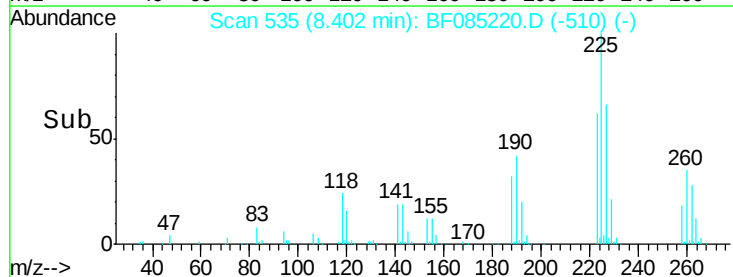
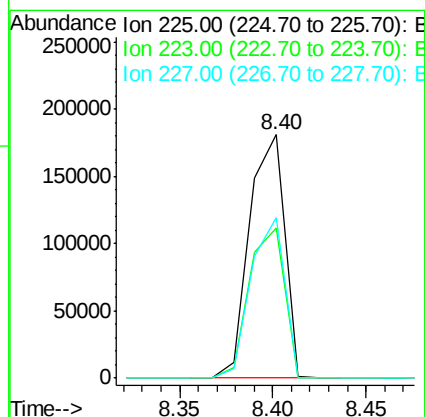
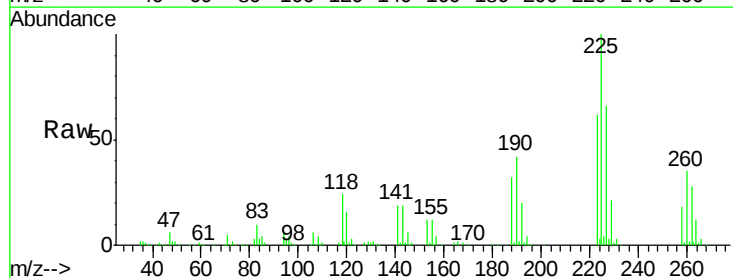
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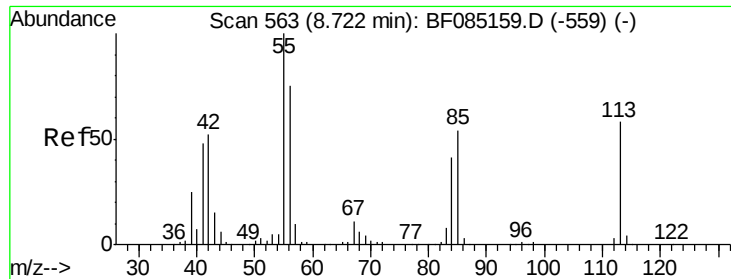
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#34
Hexachlorobutadiene
Concen: 47.22 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7		49.7	74.5	
227	65.8		52.2	78.4	





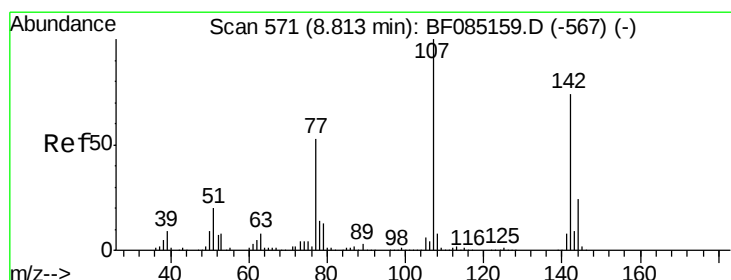
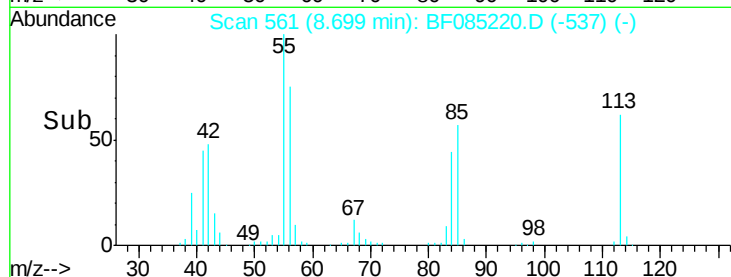
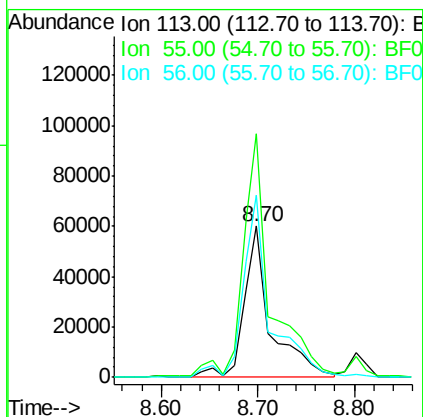
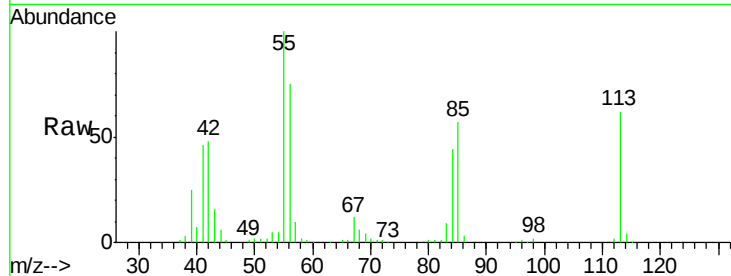
#35
Caprolactam
Concen: 40.05 ng/ml
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.0	152.7	192.7
56	120.3	109.0	149.0

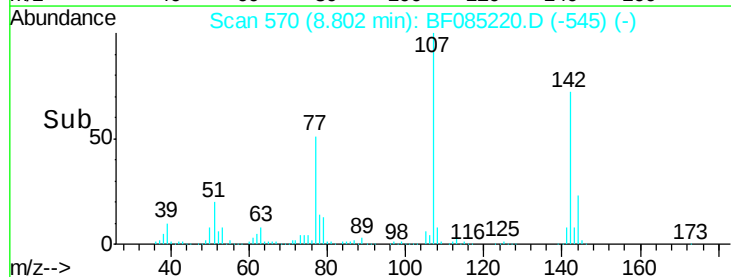
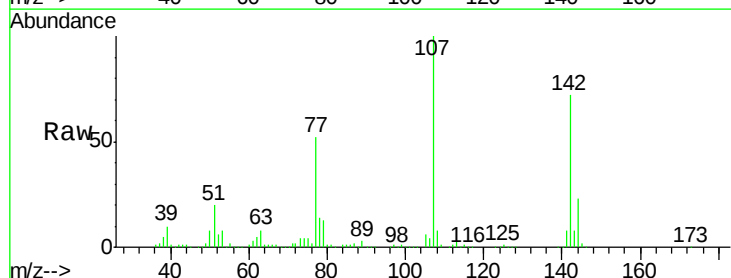
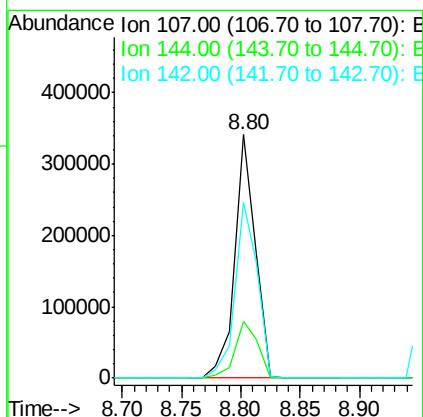
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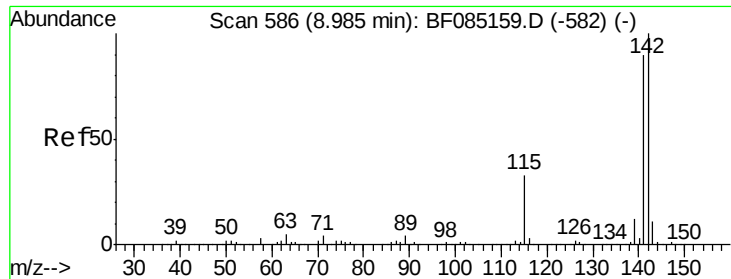
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#36
4-Chloro-3-methylphenol
Concen: 41.14 ng/ml
RT: 8.80 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.4	29.2
142	72.3	59.4	89.2





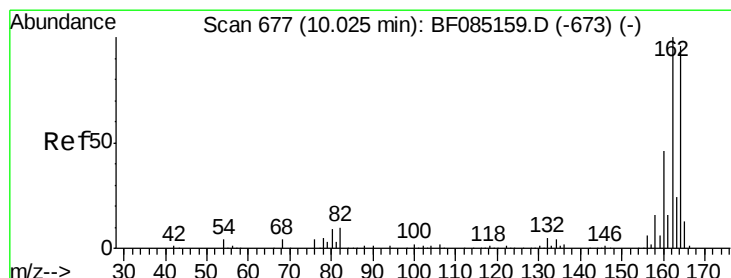
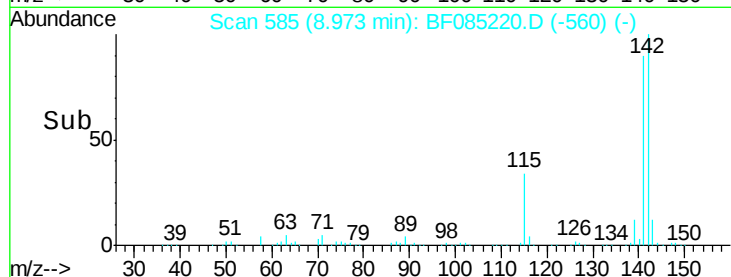
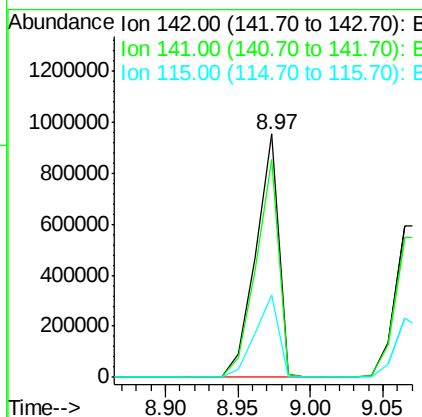
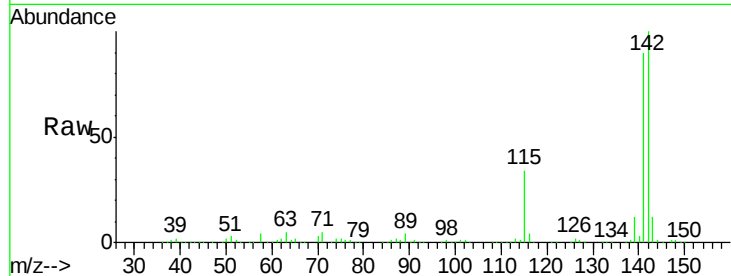
#37
2-Methylnaphthalene
Concen: 51.12 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	34.0	26.2	39.4

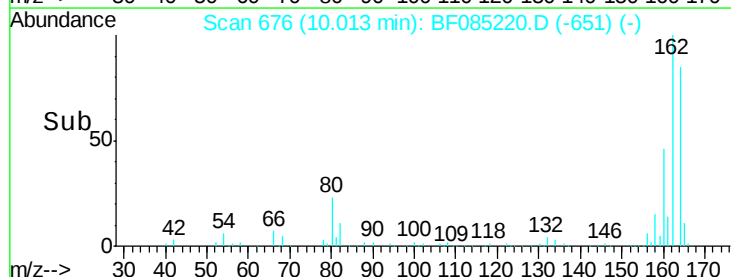
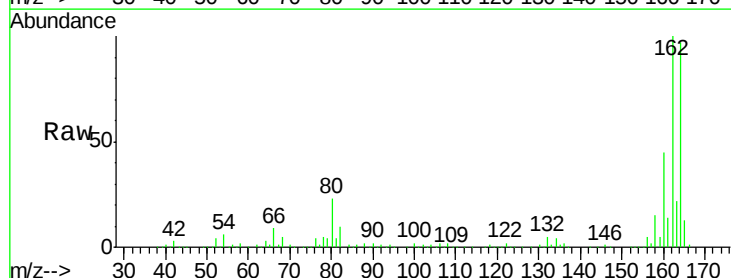
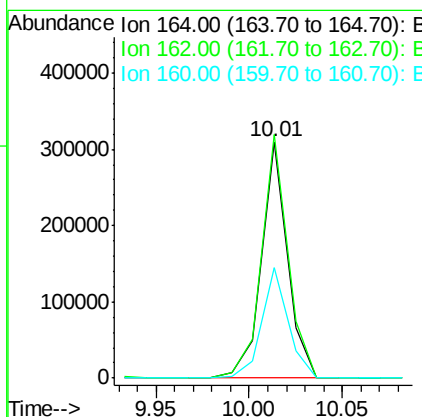
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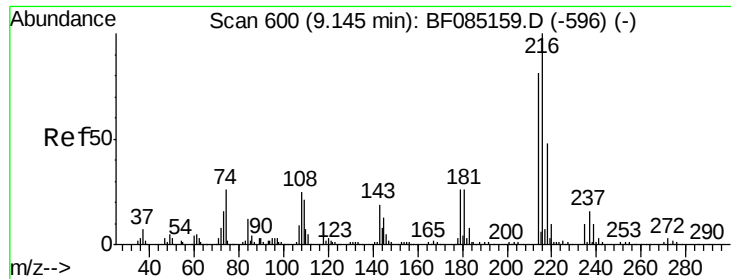
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.3	124.9
160	46.5	37.9	56.9





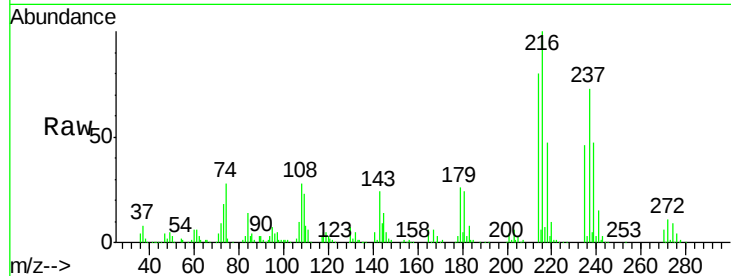
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.61 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

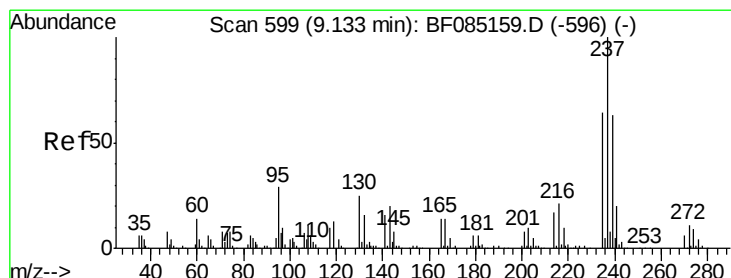
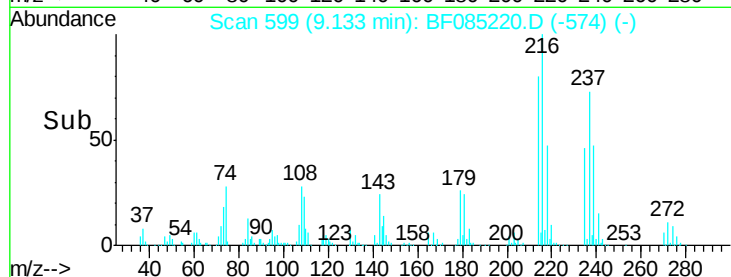
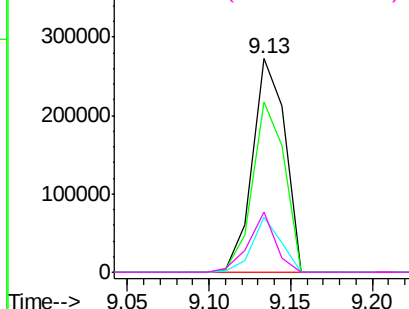
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		377173		
214	78.3	63.8	95.6		
179	22.5	19.6	29.4		
108	23.4	19.6	29.4		

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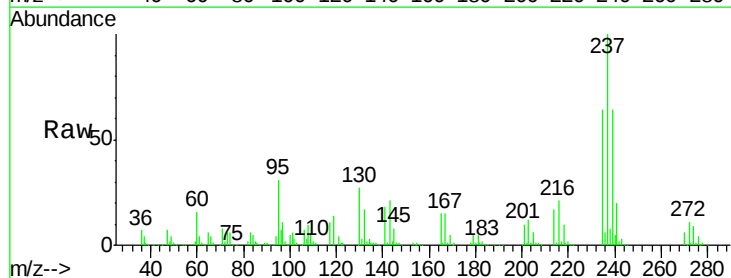


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

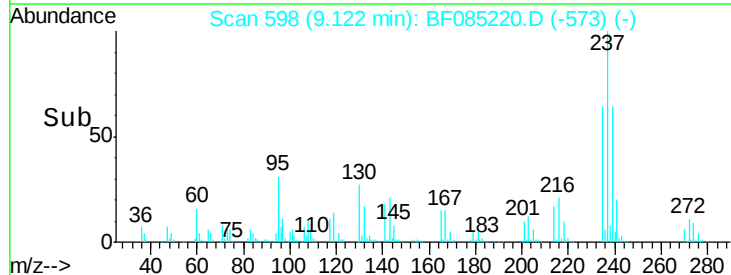
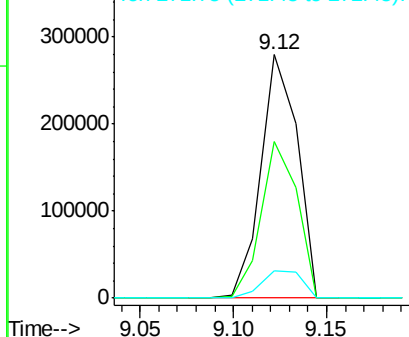


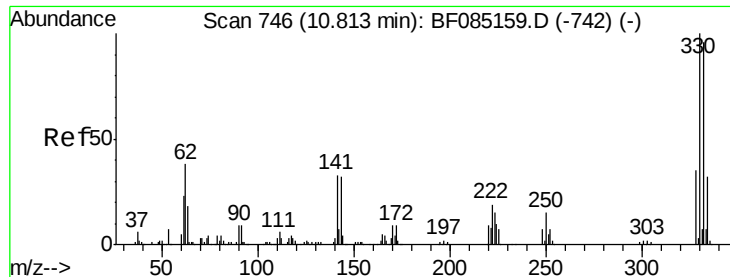
#40
 Hexachlorocyclopentadiene
 Concen: 82.98 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		378344		
235	64.4	43.7	83.7		
272	11.3	0.0	31.5		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





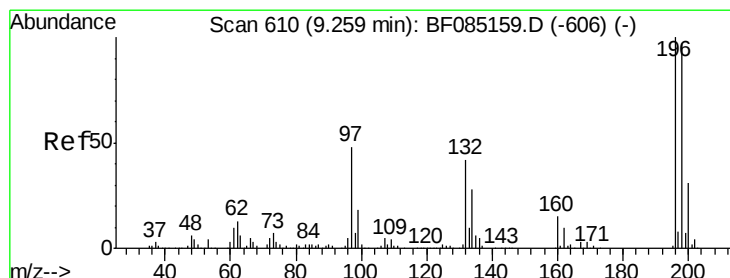
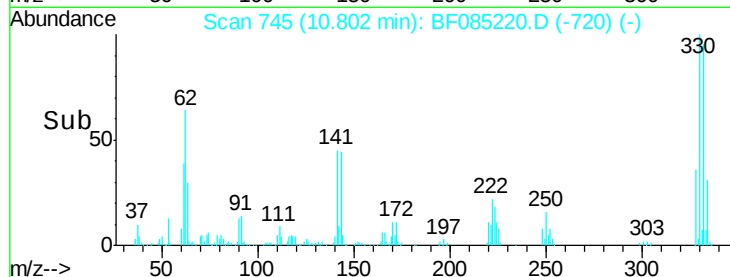
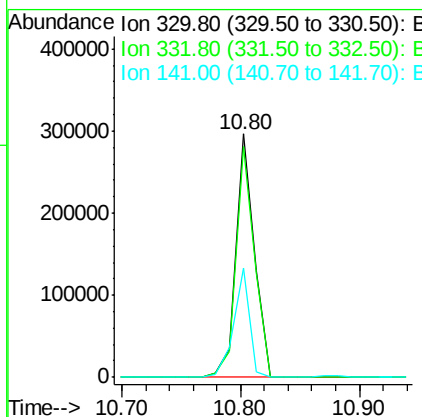
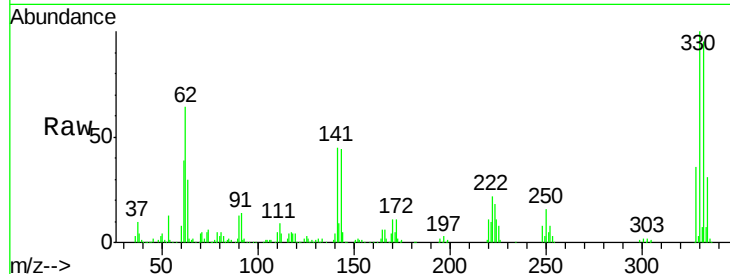
#41
 2,4,6-Tribromophenol
 Concen: 127.16 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	321631		
332	95.2	77.1	115.7	
141	39.1	35.0	52.6	

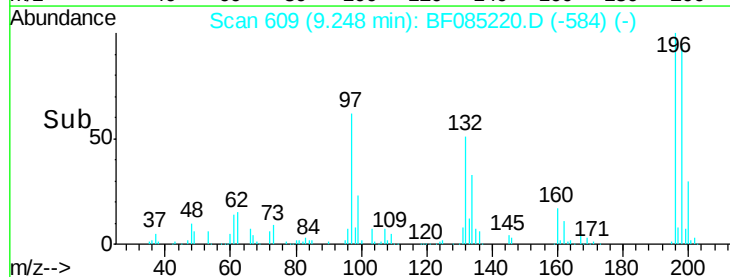
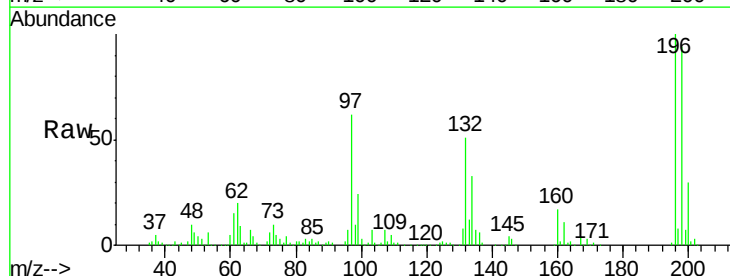
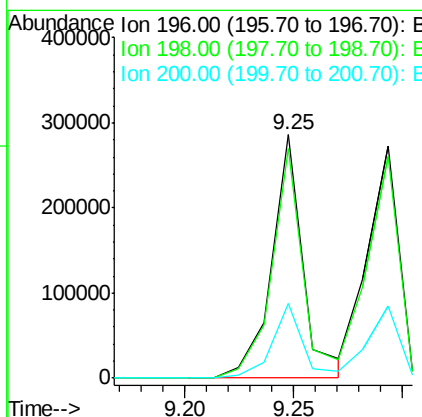
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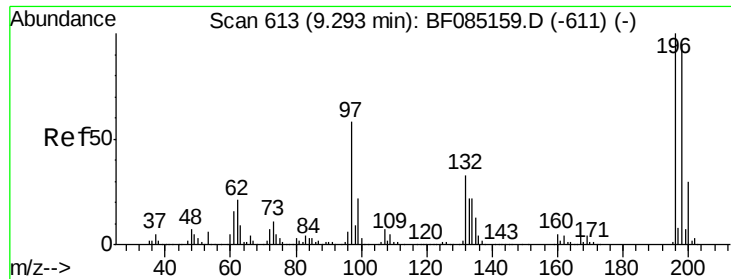
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#42
 2,4,6-Trichlorophenol
 Concen: 45.76 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287976		
198	94.3	77.8	116.6	
200	30.4	25.0	37.6	





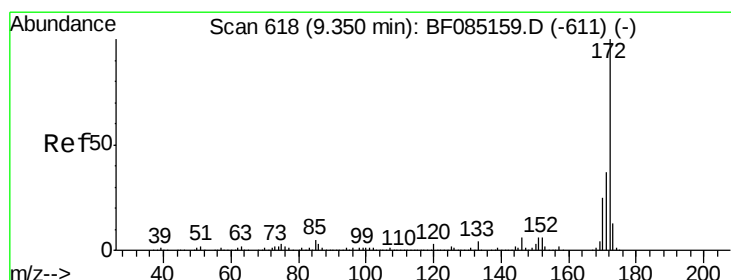
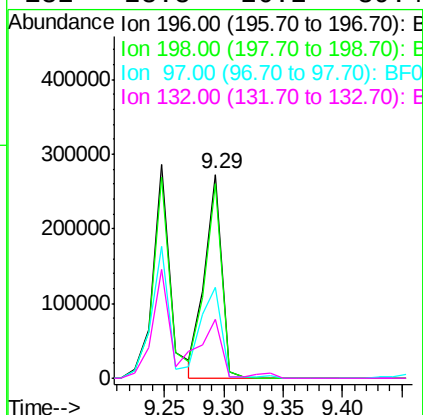
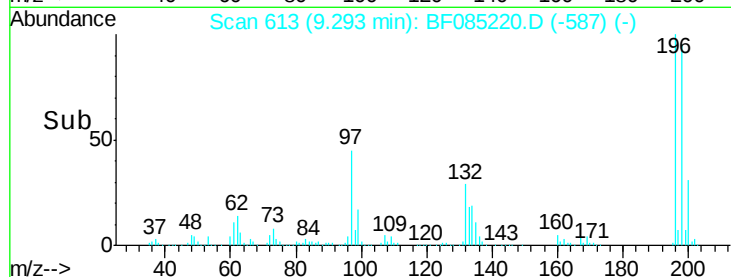
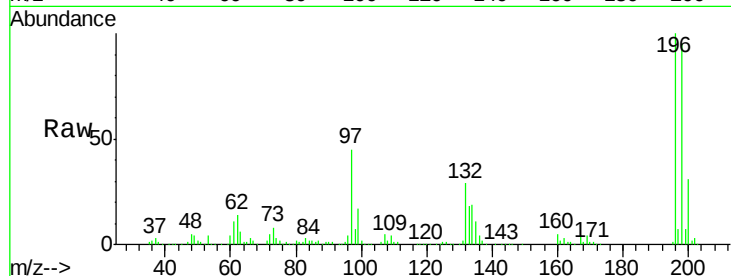
#43
 2,4,5-Trichlorophenol
 Concen: 46.11 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		275102		
198	95.4	75.7	113.5		
97	44.8	46.4	69.6		
132	28.8	26.2	39.4		

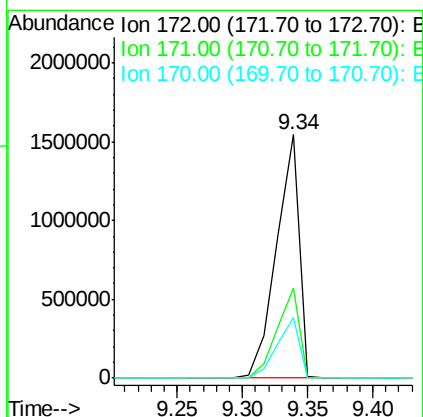
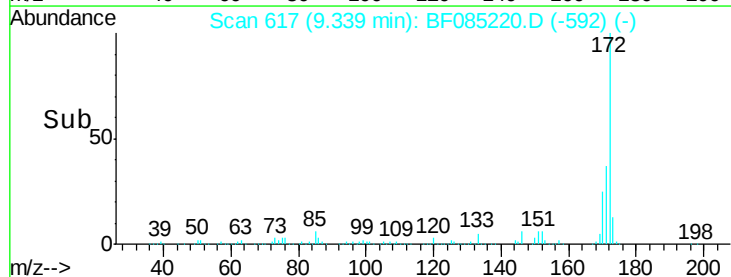
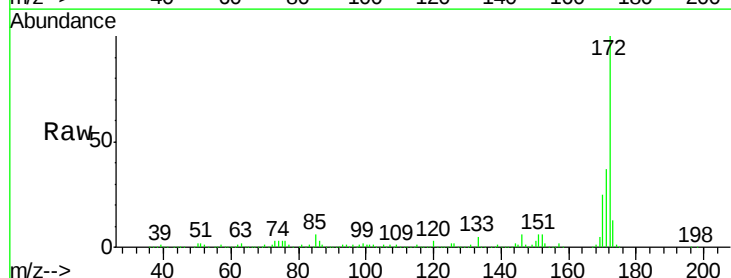
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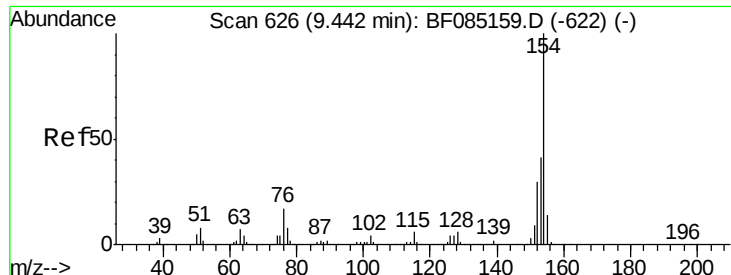
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#44
 2-Fluorobiphenyl
 Concen: 97.22 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1889776		
171	37.0	29.3	43.9		
170	25.1	20.0	30.0		





#45

1,1'-Biphenyl

Concen: 44.60 ng

RT: 9.43 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

ELP-7MSD

Tot Ion:154 Resp: 1126455

Ion Ratio Lower Upper

154 100

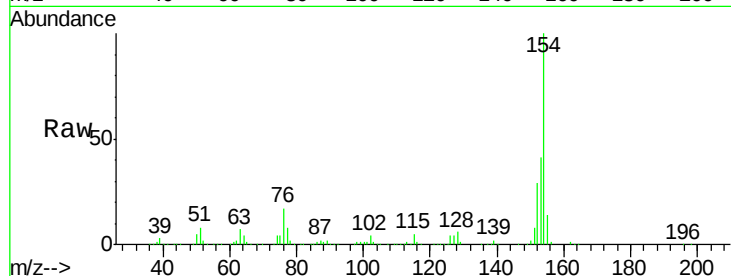
153 41.1 21.4 61.4

76 17.1 0.0 37.5

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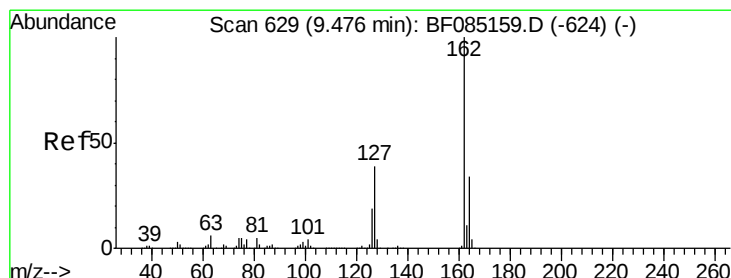
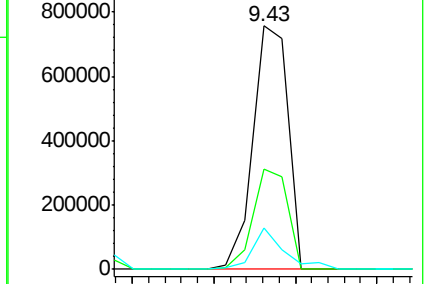
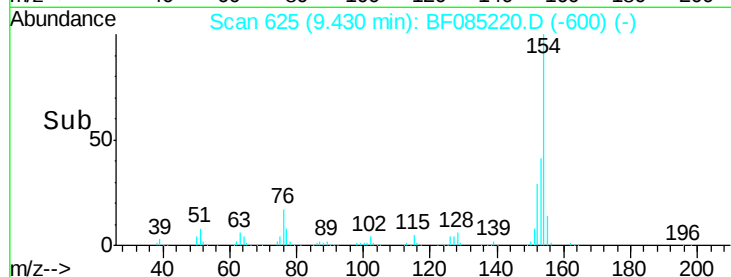
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.32 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

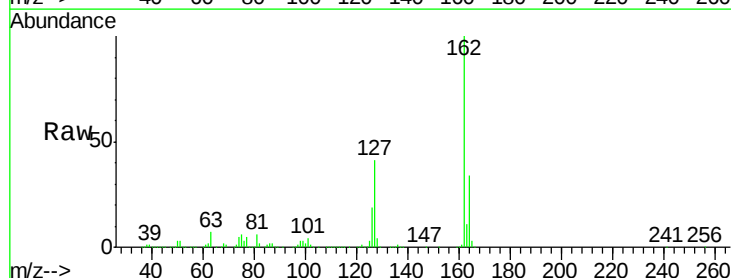
Tgt Ion:162 Resp: 911004

Ion Ratio Lower Upper

162 100

127 41.1 31.6 47.4

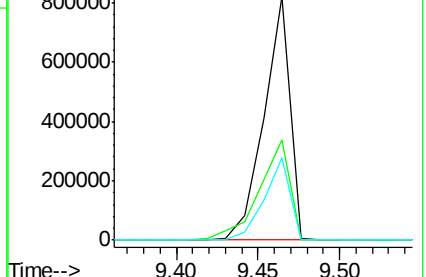
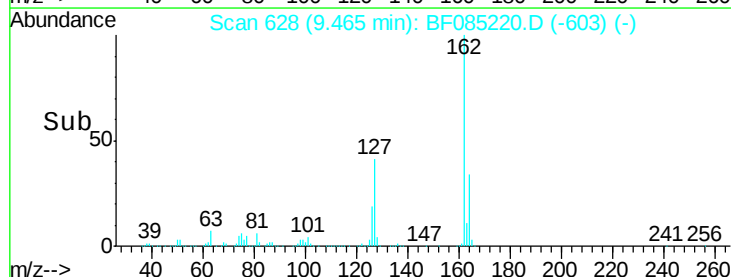
164 33.8 27.1 40.7

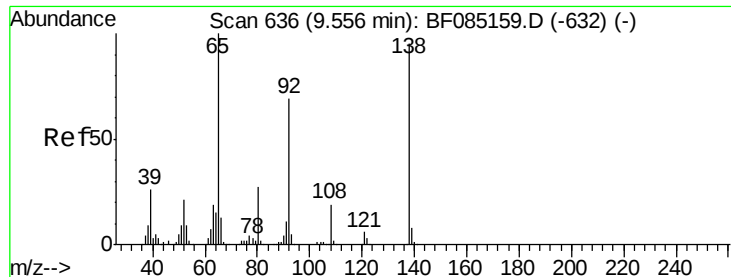


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





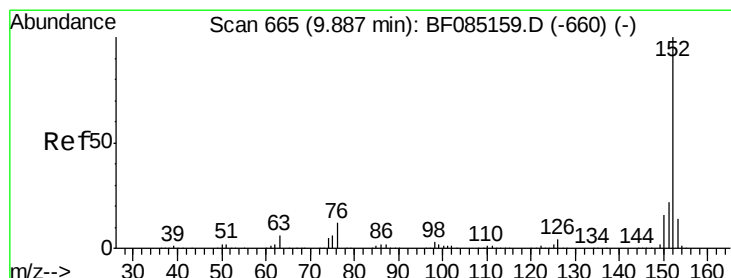
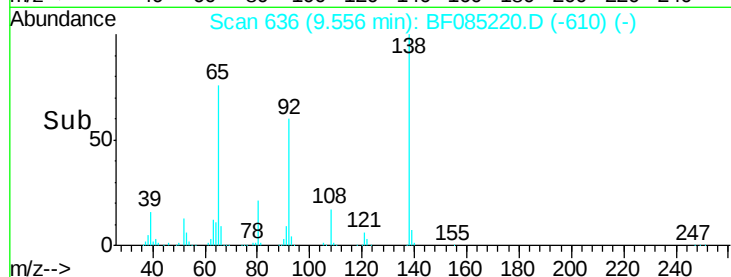
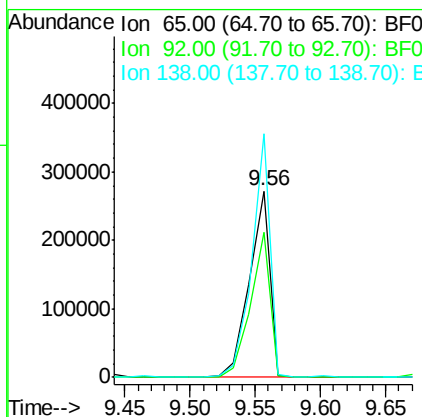
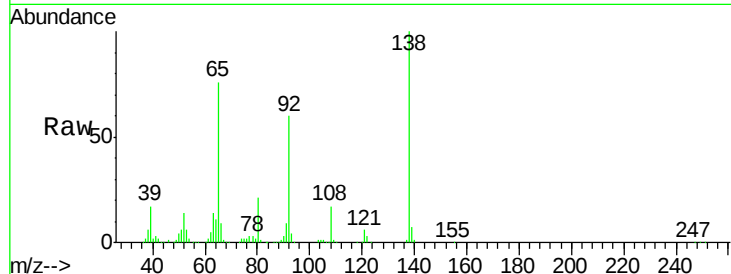
#47
2-Nitroaniline
Concen: 49.73 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.0	55.4	83.2
138	130.9	75.7	113.5

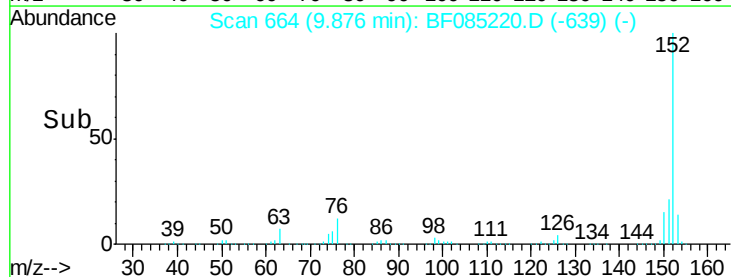
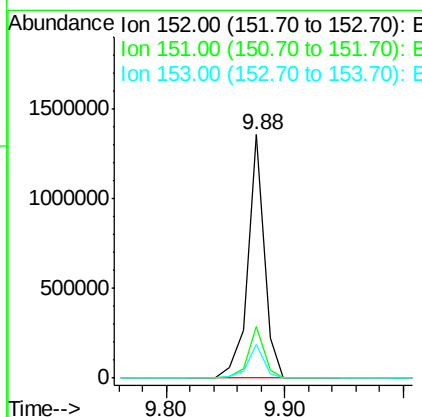
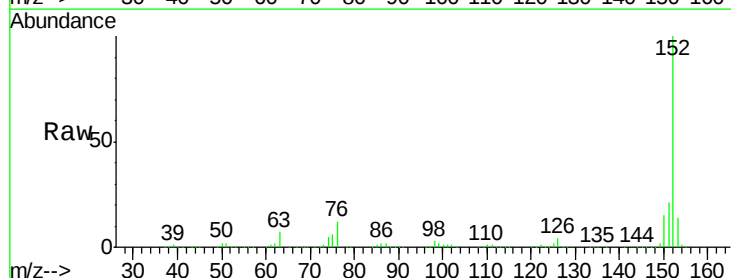
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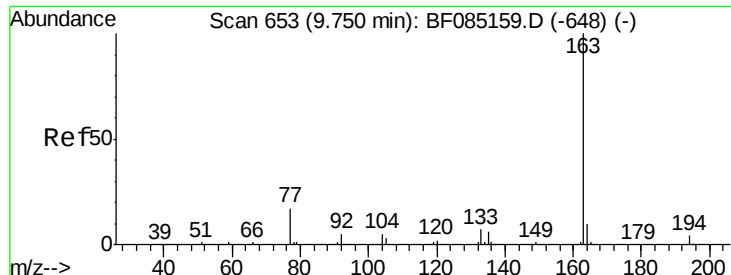
UMANGI
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#48
Acenaphthylene
Concen: 43.82 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	14.0	11.3	16.9





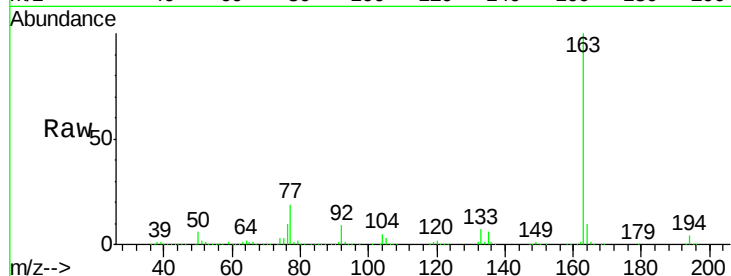
#49
Dimethylphthalate
Concen: 52.12 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

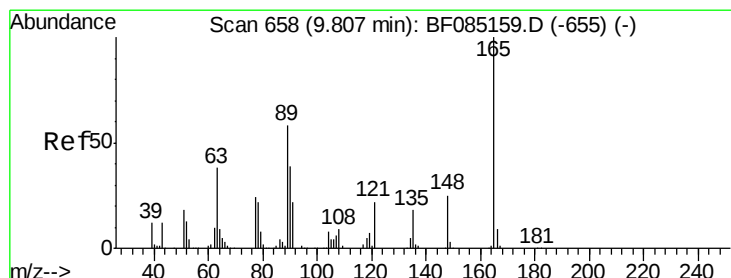
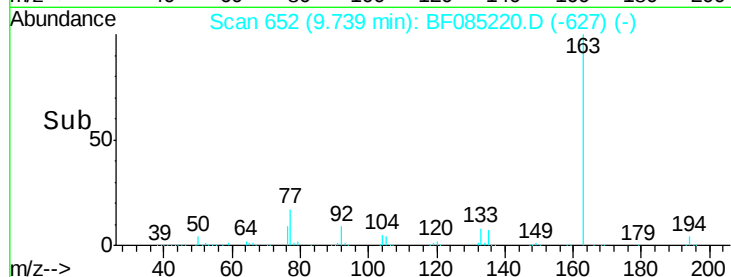
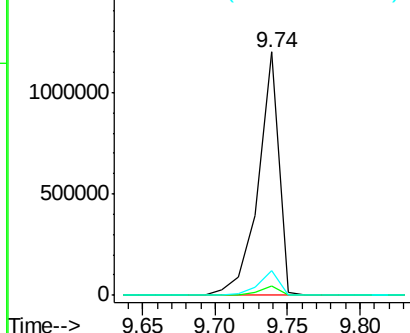
Tot Ion	Ratio	Resp	Lower	Upper
163	100	1182551		
194	3.7		3.1	4.7
164	10.2		8.2	12.4

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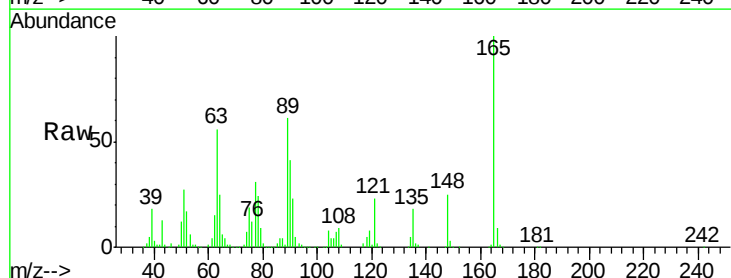


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

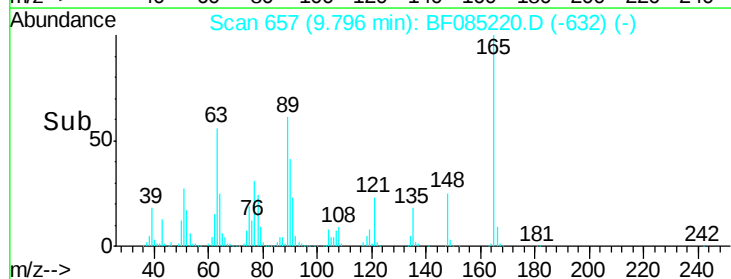
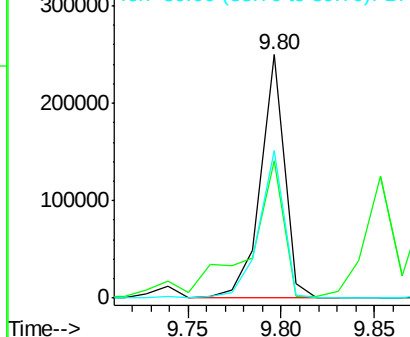


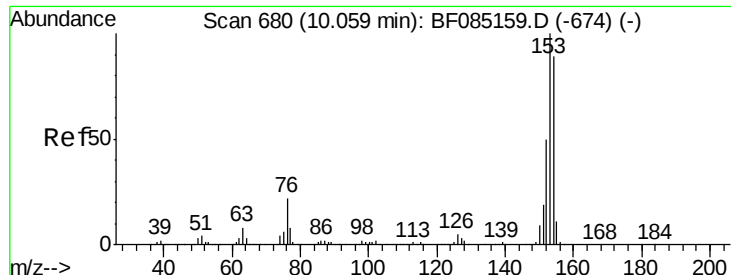
#50
2,6-Dinitrotoluene
Concen: 45.61 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221402		
63	56.2		41.8	62.8
89	60.6		46.7	70.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.66 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

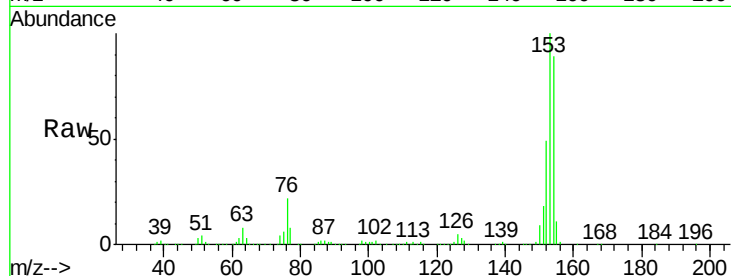
ClientSampleId :

ELP-7MSD

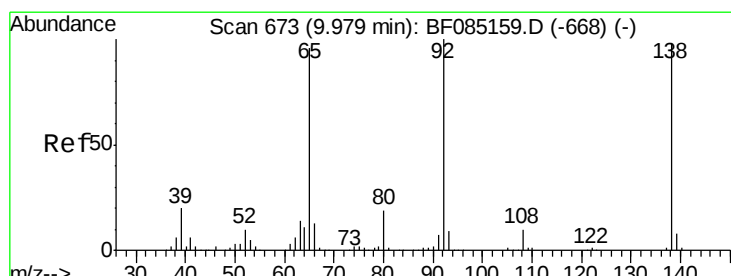
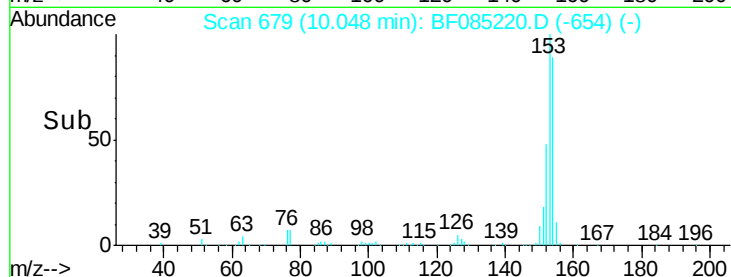
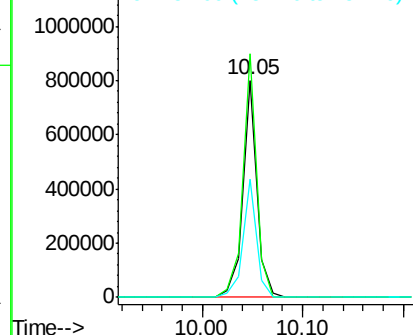
Tot Ion:	154	Resp:	776110
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.8	134.8
152	54.5	44.6	66.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.58 ng

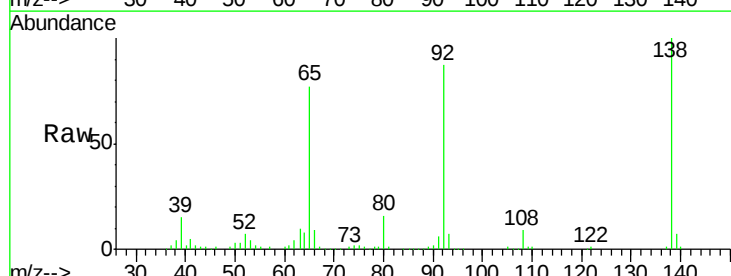
RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

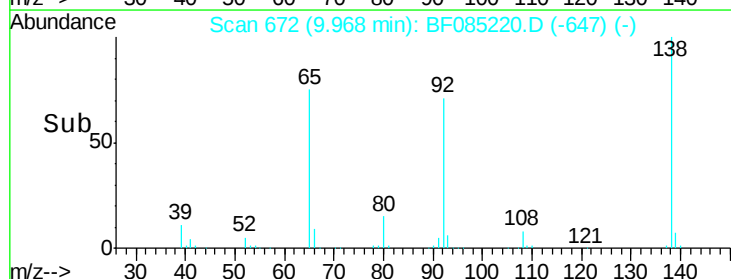
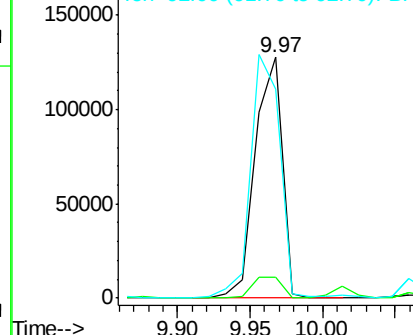
Lab File: BF085220.D

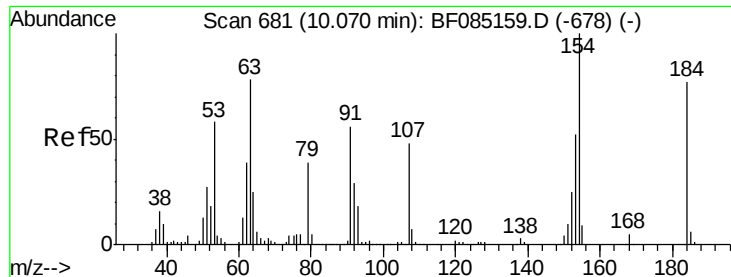
Acq: 4 Mar 2016 23:25

Tgt Ion:	138	Resp:	165998
Ion Ratio	Lower	Upper	
138	100		
108	8.8	7.8	11.6
92	87.1	81.3	121.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





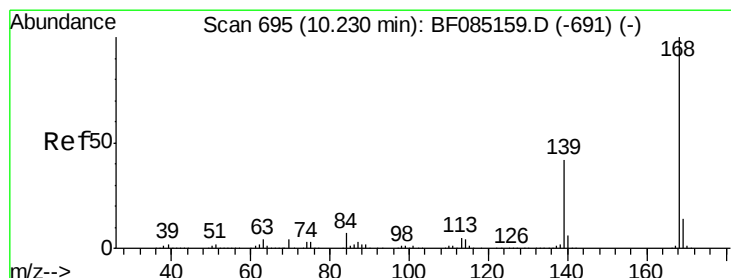
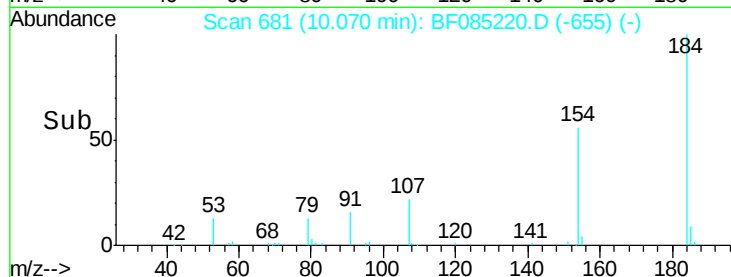
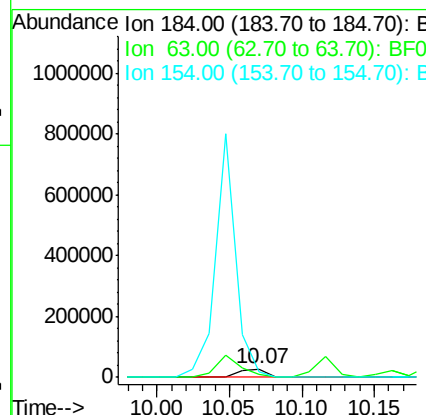
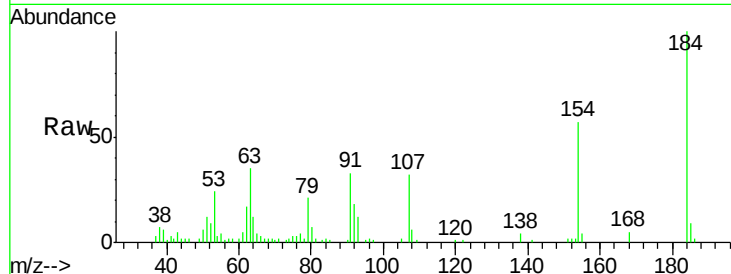
#53
 2,4-Dinitrophenol
 Concen: 22.20 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	34.5	82.2	123.4#
154	57.2	108.9	163.3#

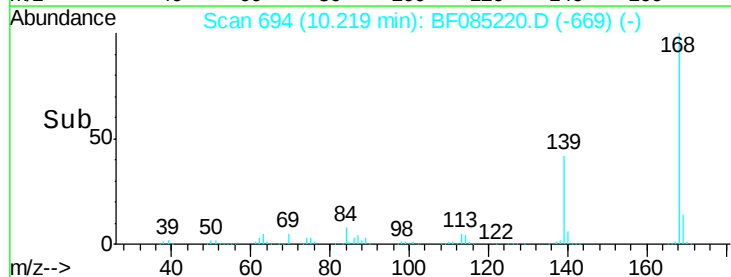
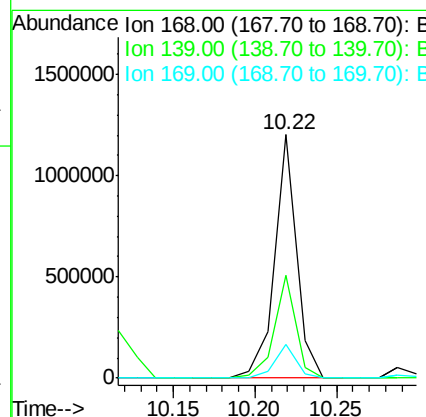
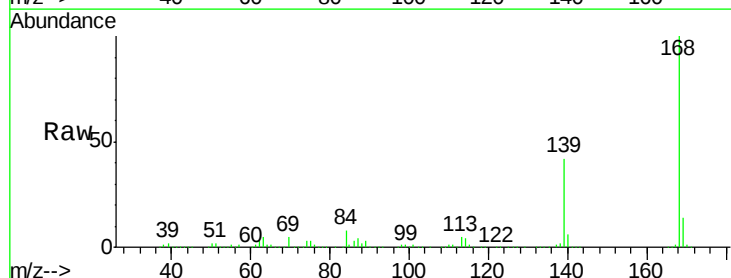
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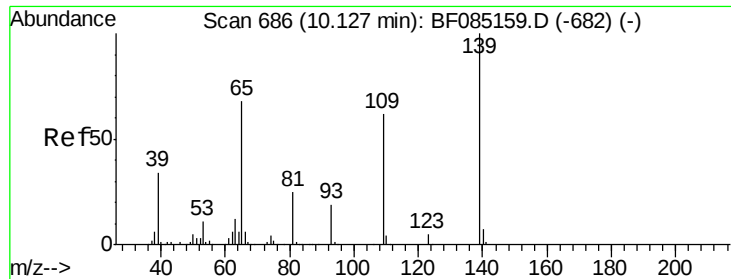
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#54
 Dibenzofuran
 Concen: 47.55 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.6	50.4
169	14.0	11.2	16.8





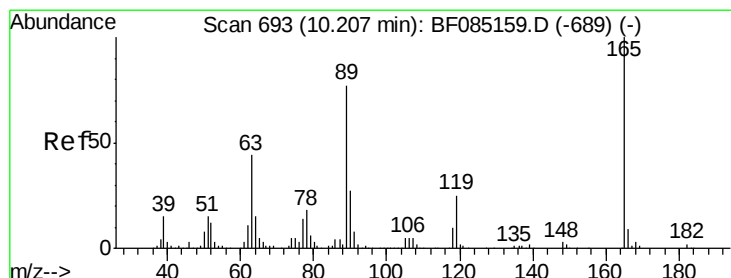
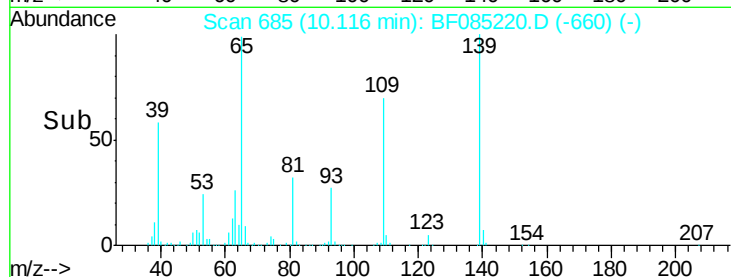
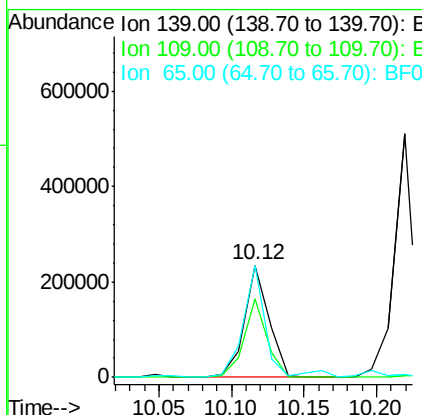
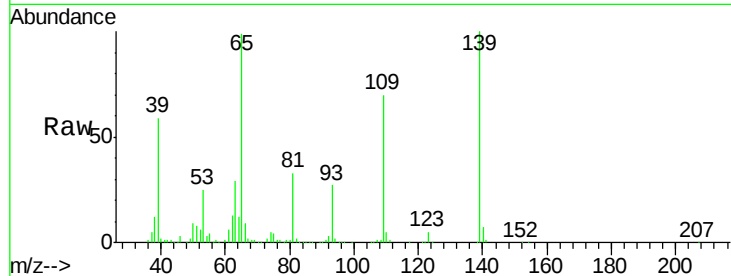
#55
4-Nitrophenol
Concen: 61.35 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	70.0	41.9	81.9
65	99.3	48.3	88.3

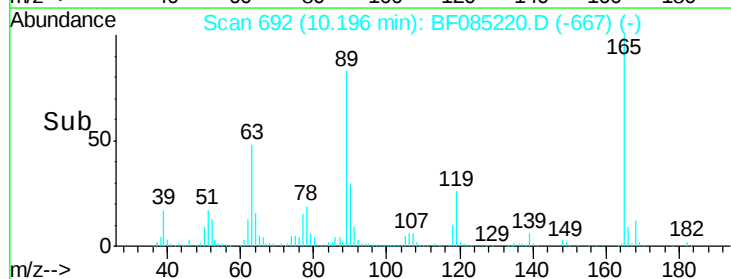
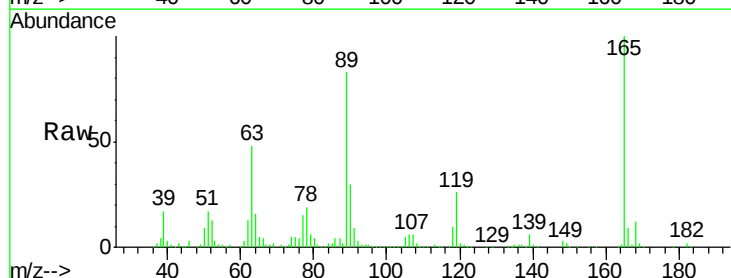
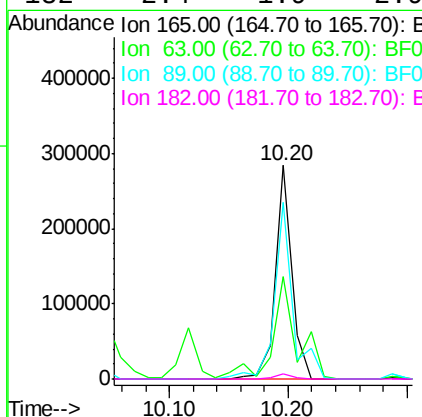
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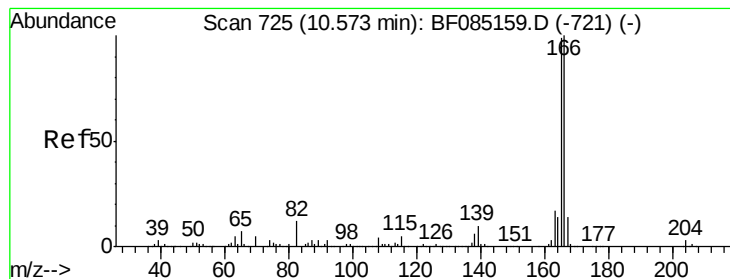
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#56
2,4-Dinitrotoluene
Concen: 43.80 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.2	35.4	53.0
89	82.6	61.9	92.9
182	2.4	1.9	2.9





#57

Fluorene

Concen: 45.47 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

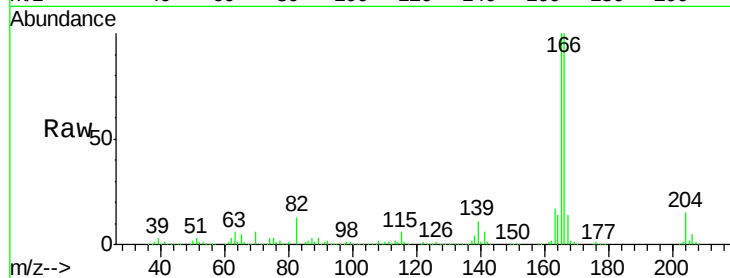
ELP-7MSD

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.0
167	13.8	11.0	16.6

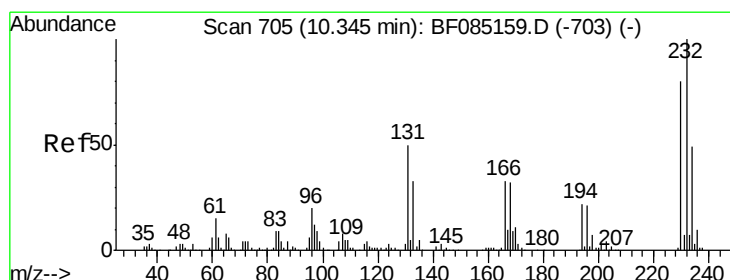
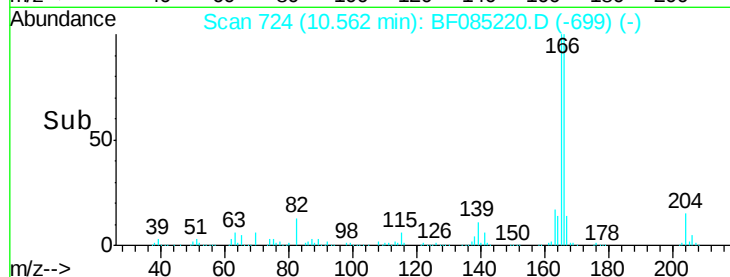
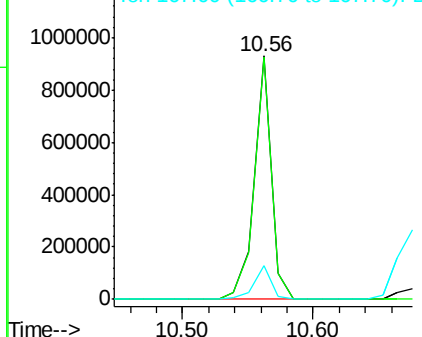


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.20 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.4	46.0	69.0
130	3.0	2.2	3.4
166	34.9	28.8	43.2

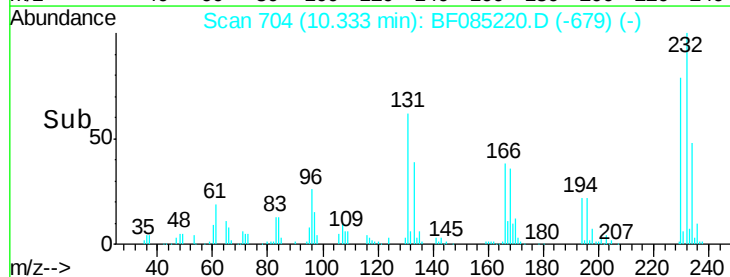
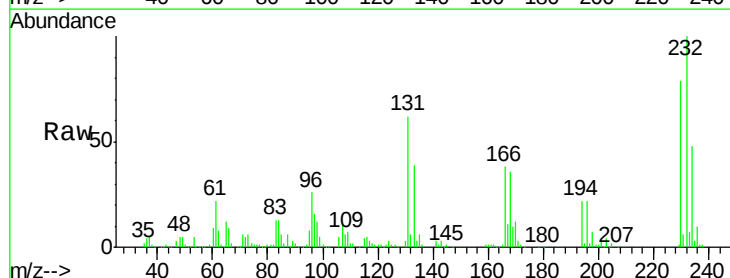
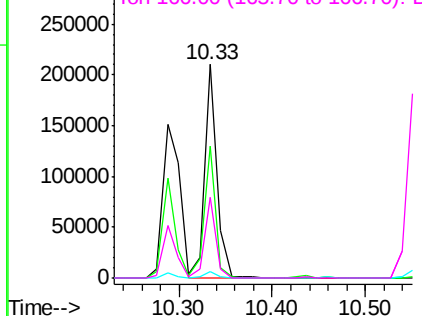
Abundance

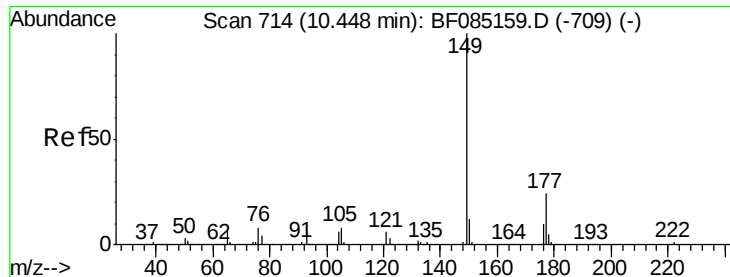
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





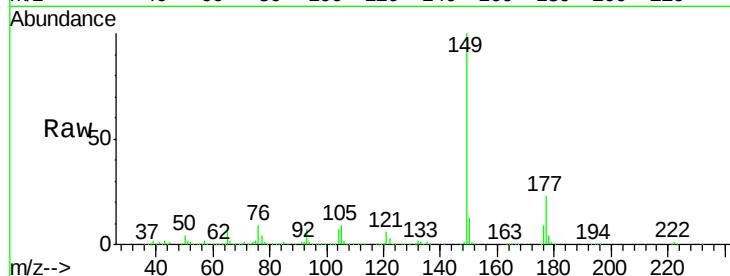
#59
Diethylphthalate
Concen: 46.32 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

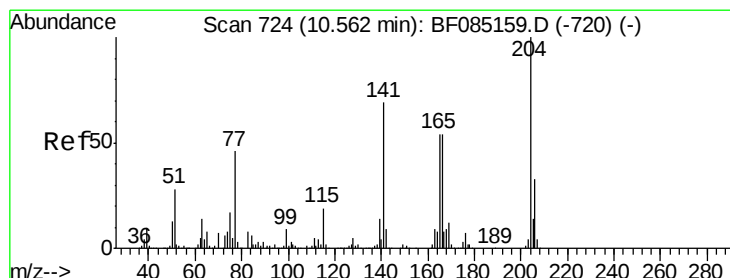
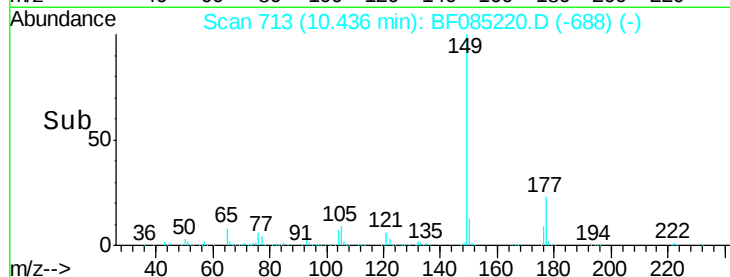
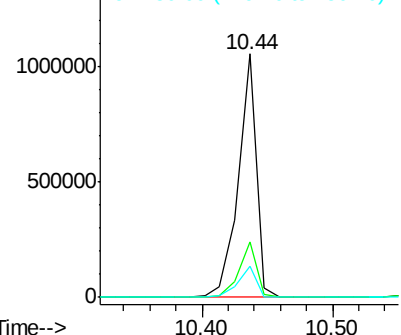
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.2	28.8
150	12.9	9.9	14.9

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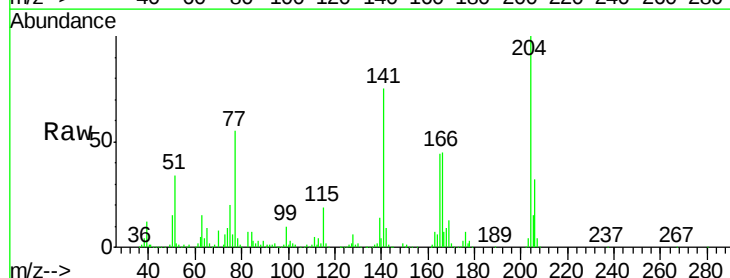


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

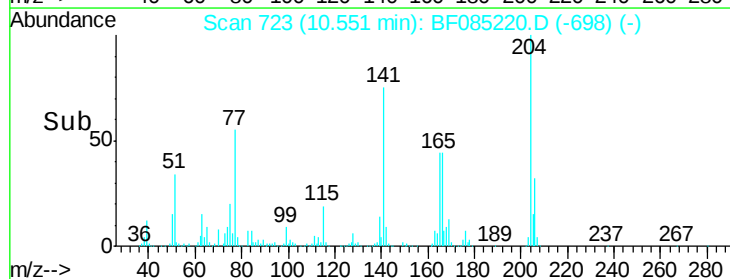
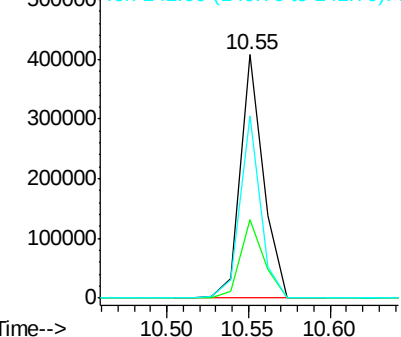


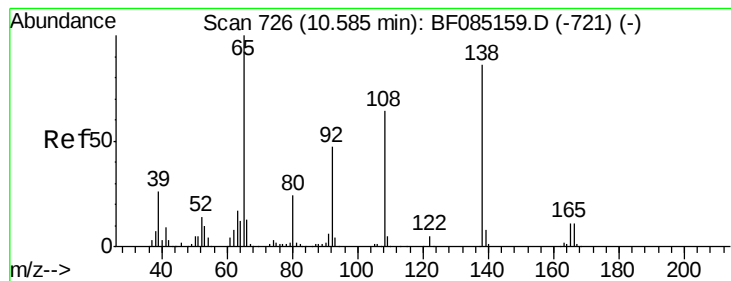
#60
4-Chlorophenyl-phenylether
Concen: 43.68 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	75.1	55.4	83.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





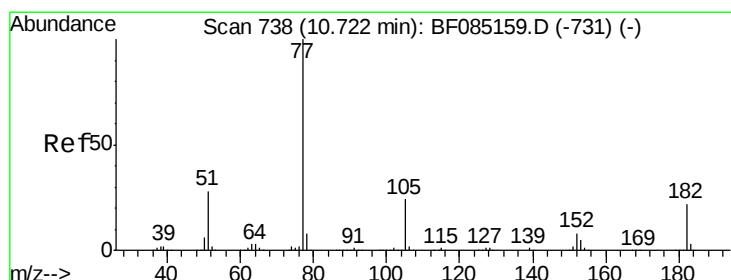
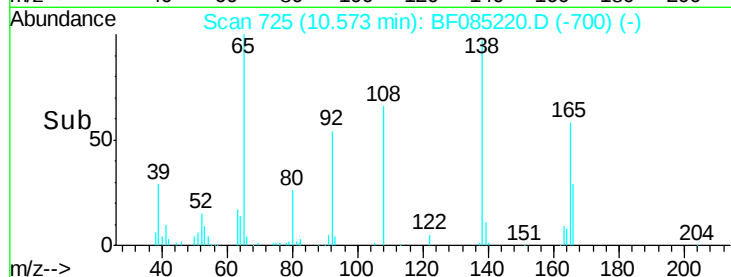
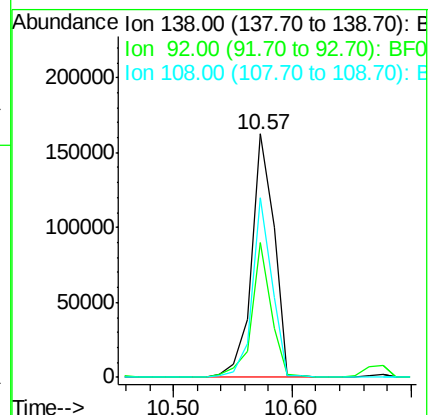
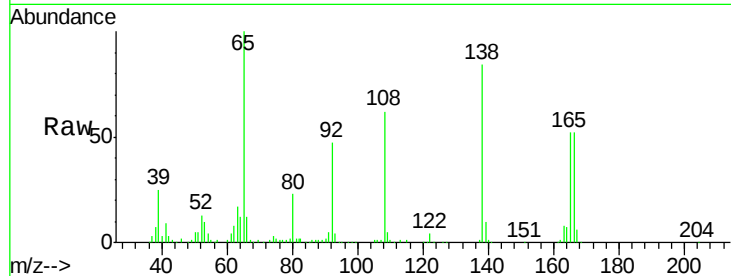
#61
4-Nitroaniline
Concen: 39.92 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	216815		
92	55.5	34.2	74.2	
108	73.9	53.9	93.9	

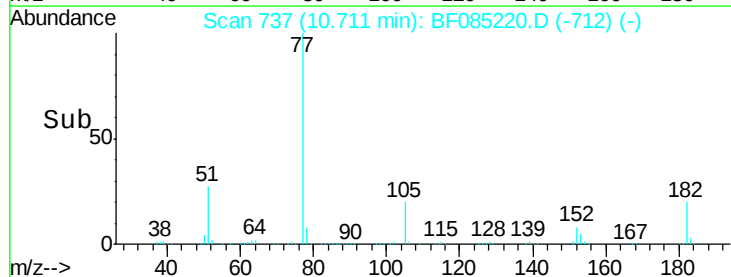
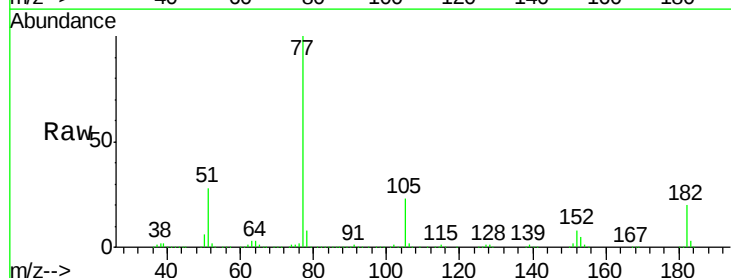
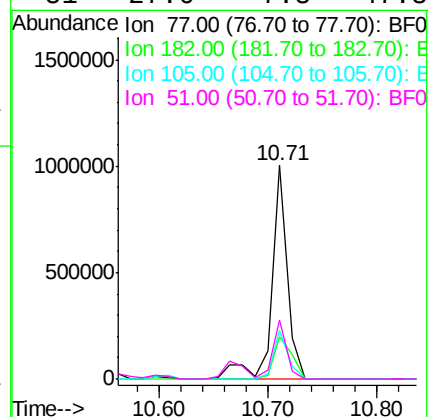
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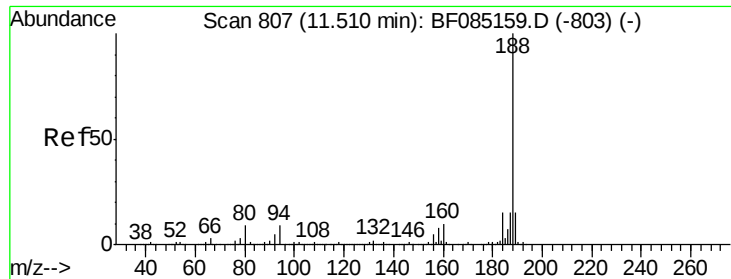
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#62
Azobenzene
Concen: 47.08 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1021275		
182	19.7	2.1	42.1	
105	23.1	3.8	43.8	
51	27.6	7.8	47.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

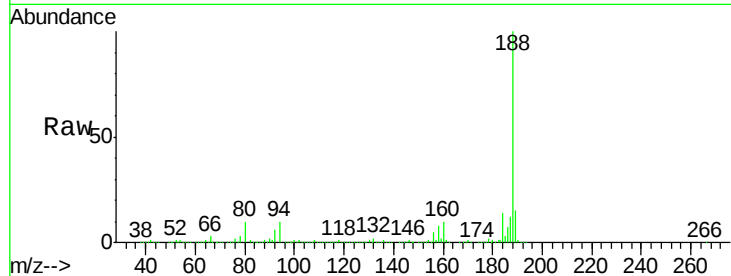
ClientSampleId :

ELP-7MSD

Tot Ion:	188	Resp:	546727
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.0	10.6
80	10.5	7.4	11.0

Manual Integrations
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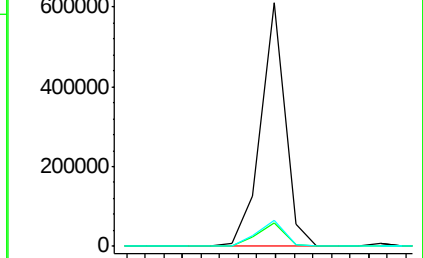
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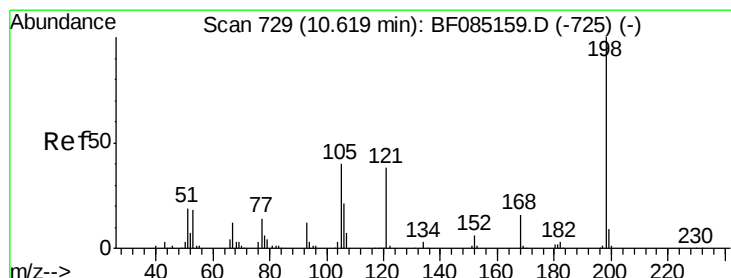
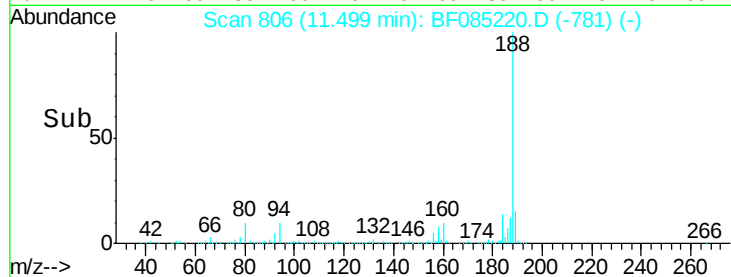
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 15.68 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF085220.D

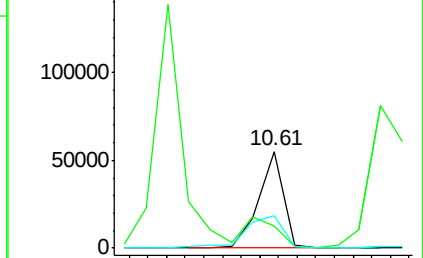
Acq: 4 Mar 2016 23:25

Tgt Ion:	198	Resp:	51345
Ion Ratio	Lower	Upper	
198	100		
51	23.5	9.5	49.5
105	33.7	20.5	60.5

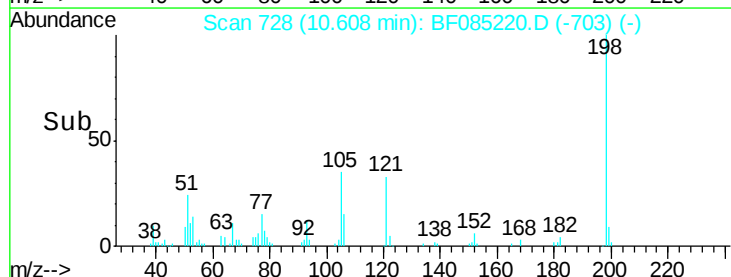
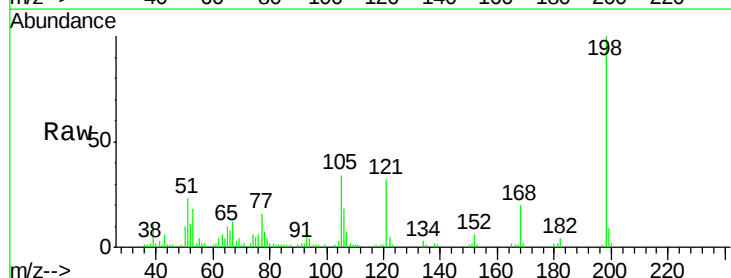
Abundance Ion 198.00 (197.70 to 198.70): E

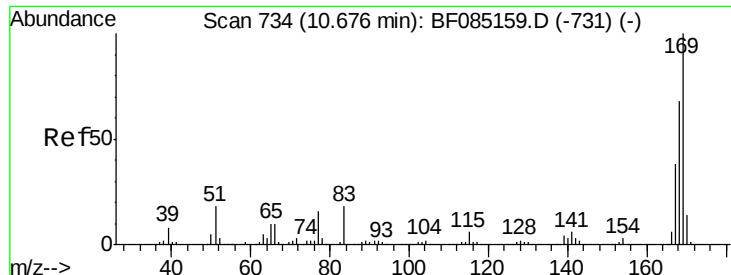
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





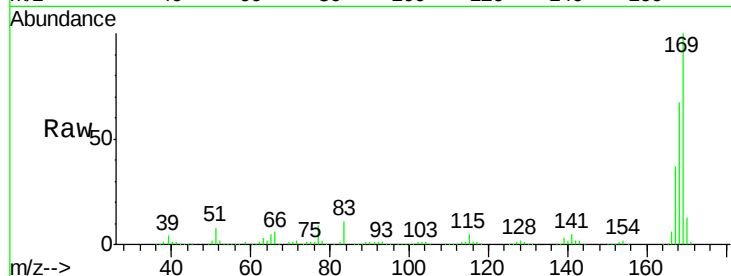
#65
n-Nitrosodiphenylamine
Concen: 48.92 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
831914	169	100			
	168	66.8	54.8	82.2	
	167	37.2	30.3	45.5	

Manual Integrations
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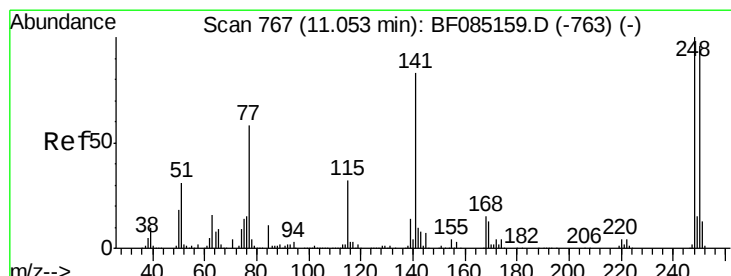
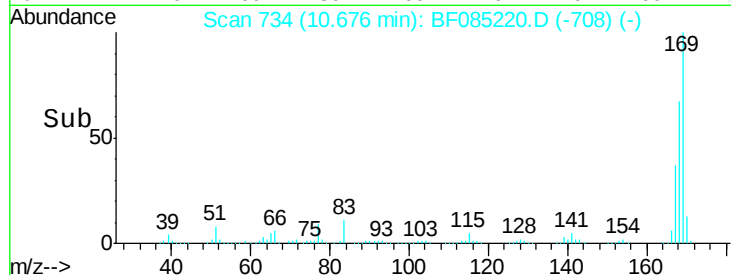
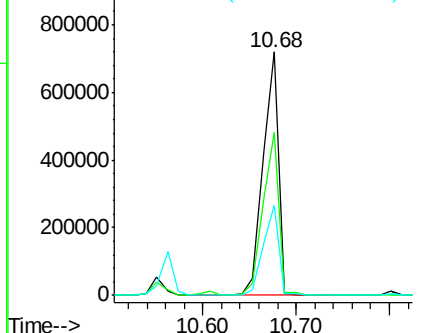


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 46.58 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

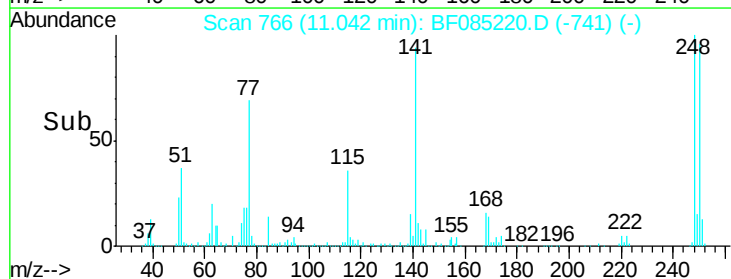
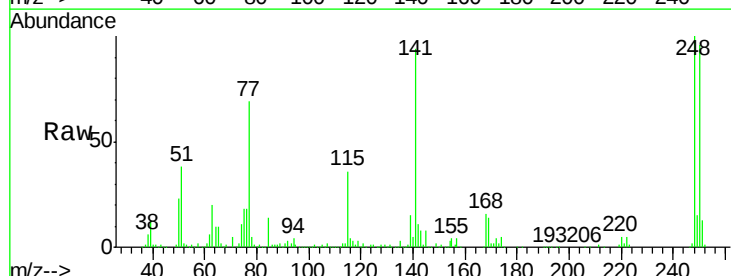
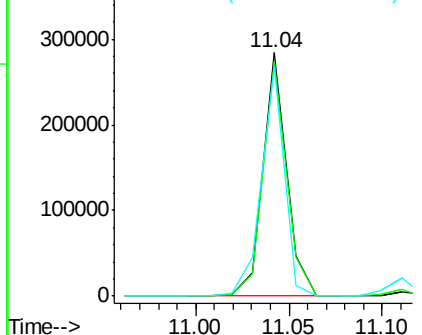
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
247272	248	100			
	250	96.2	77.1	115.7	
	141	94.3	66.2	99.2	

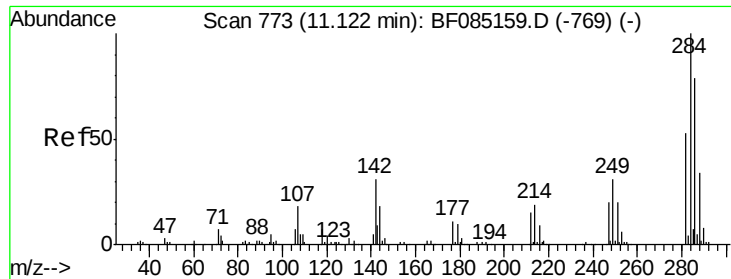
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





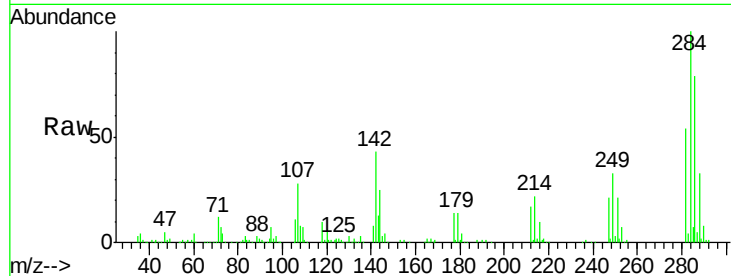
#67
Hexachlorobenzene
Concen: 45.68 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

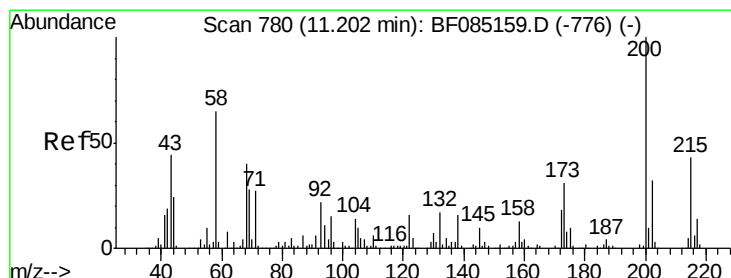
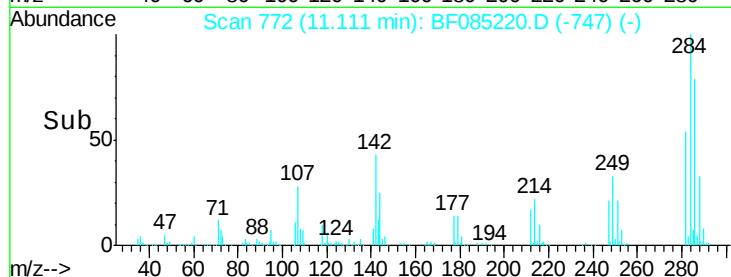
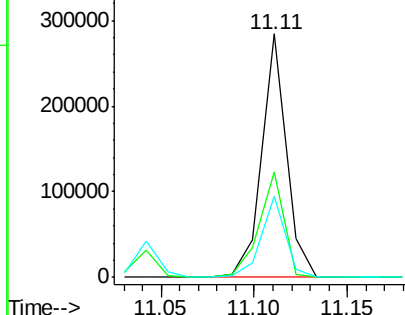
Tot Ion	Ratio	Resp	Lower	Upper
284	100	258707		
142	43.3	24.9	37.3#	
249	33.4	25.0	37.4	

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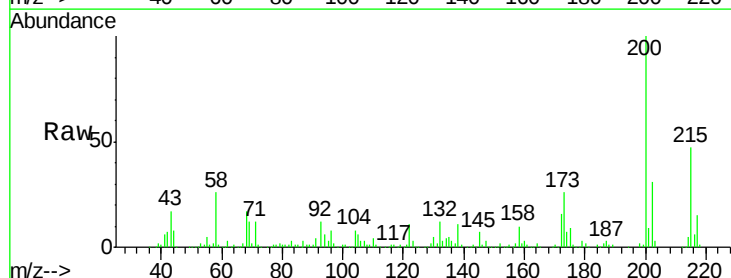


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

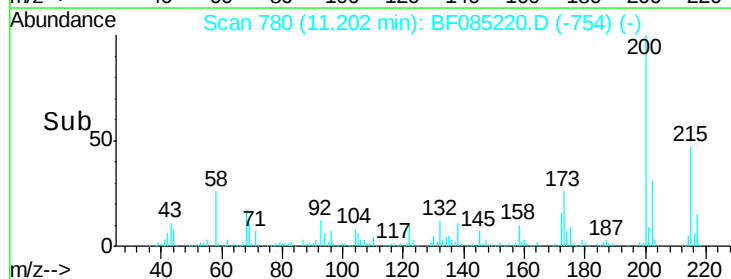
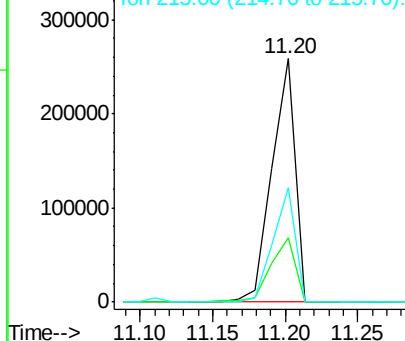


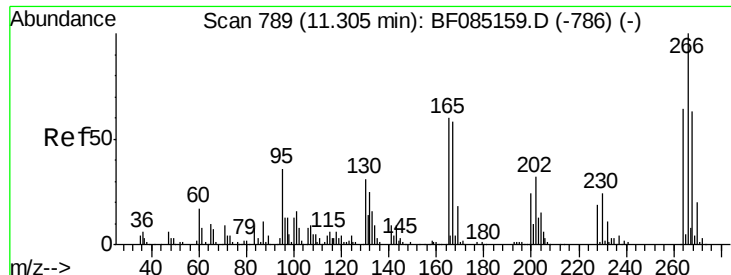
#68
Atrazine
Concen: 60.36 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	285477		
173	26.4	10.5	50.5	
215	46.8	23.4	63.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





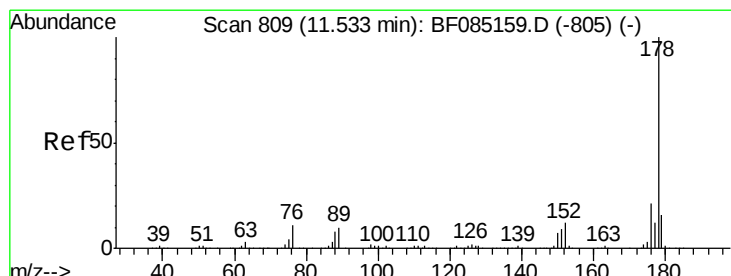
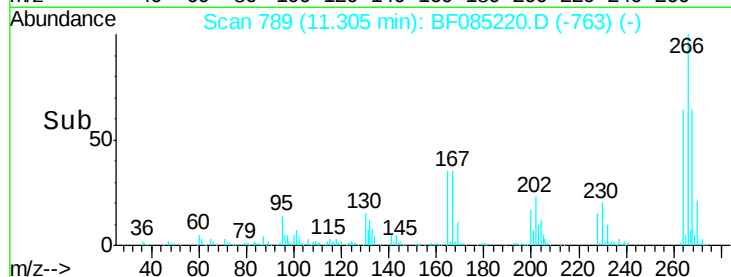
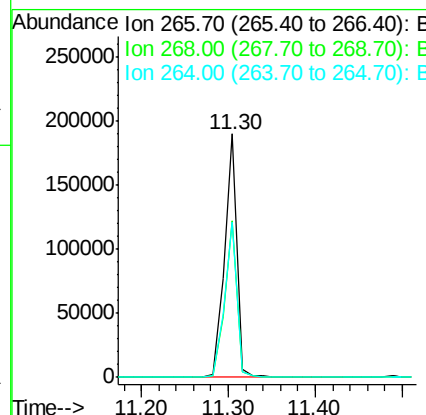
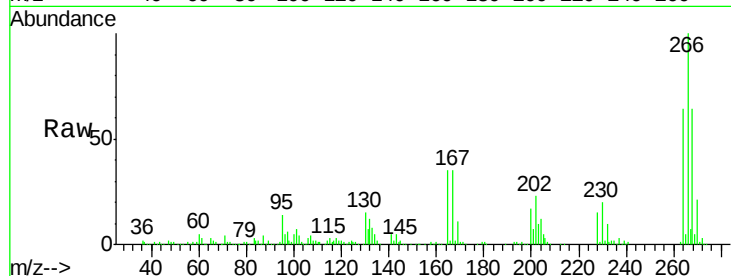
#69
 Pentachlorophenol
 Concen: 61.67 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.0	75.0
264	63.6	51.4	77.2

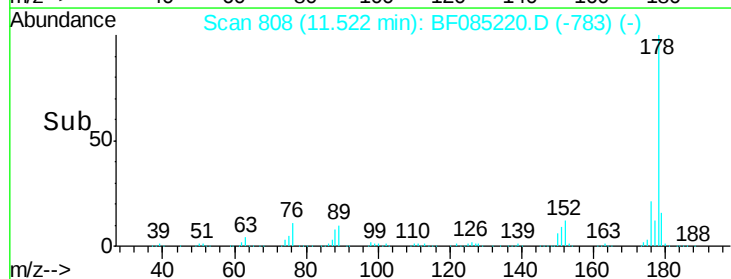
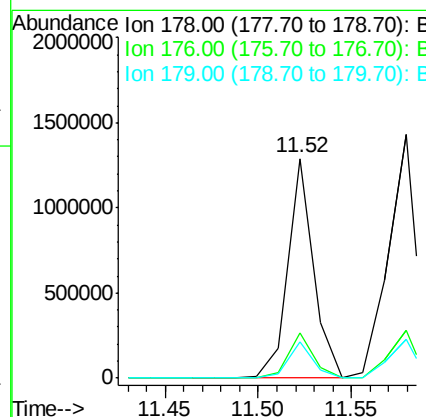
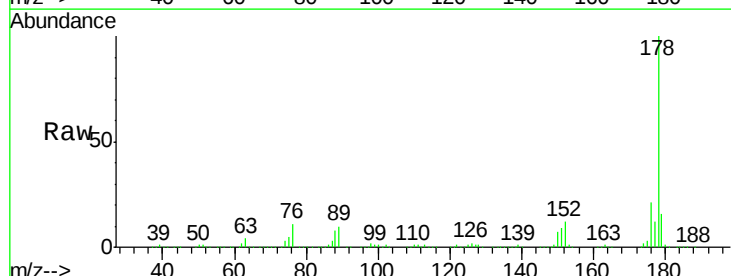
Manual Integrations
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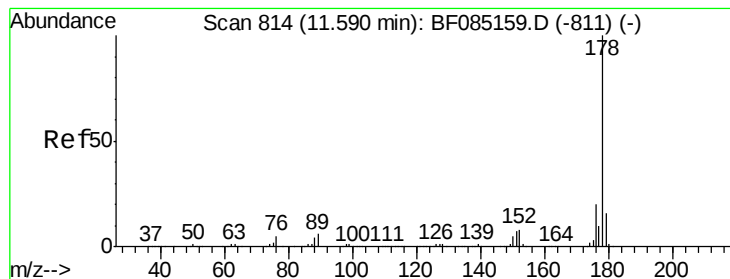
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#70
 Phenanthrene
 Concen: 43.34 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	16.3	13.1	19.7





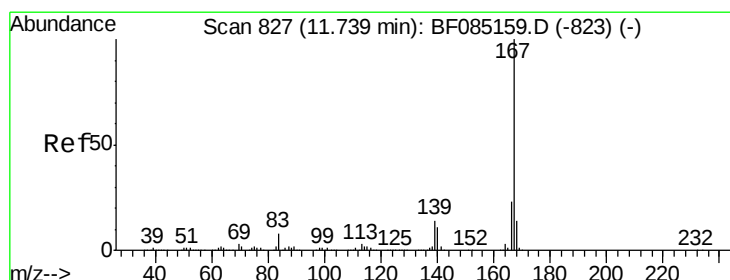
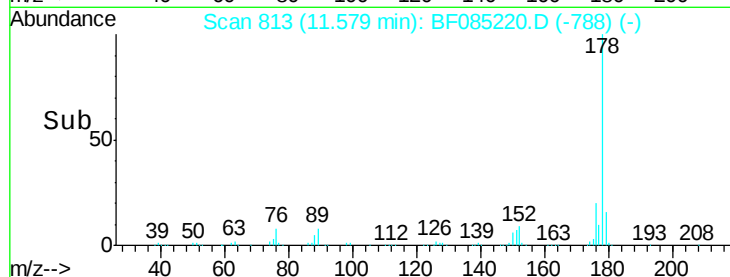
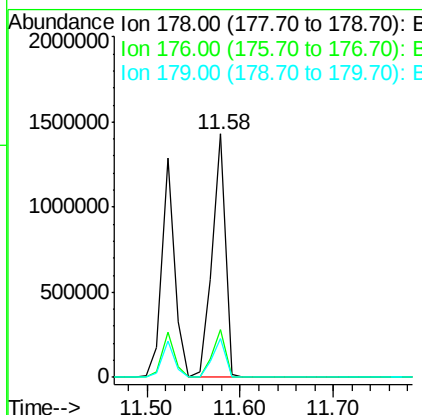
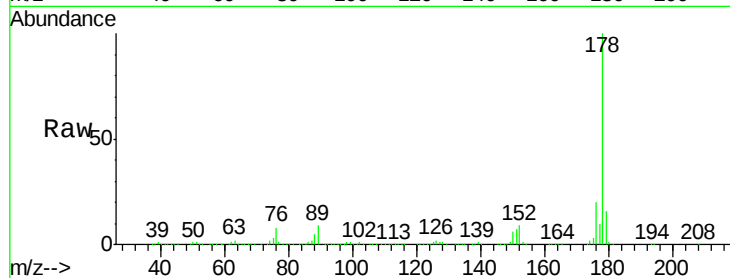
#71
 Anthracene
 Concen: 46.64 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion:178 Resp: 1418752
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.7 12.5 18.7

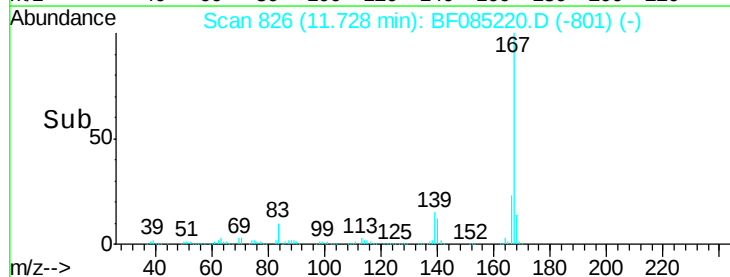
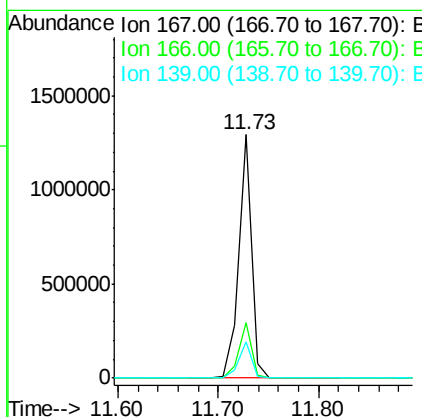
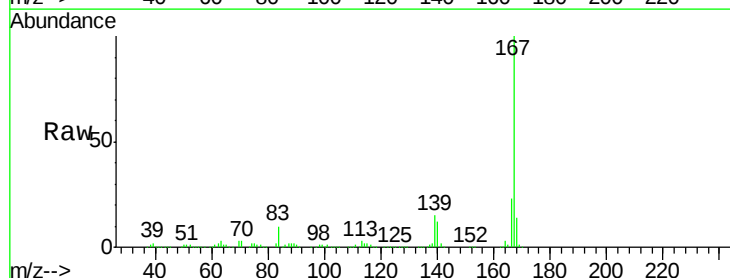
Manual Integrations
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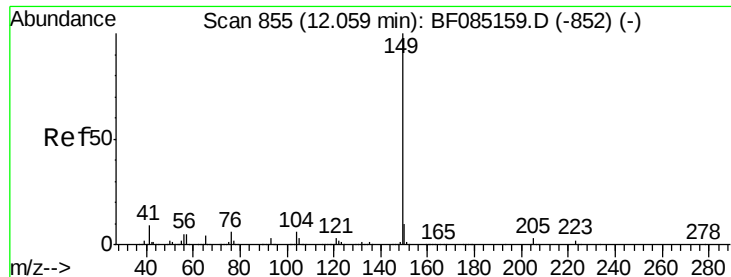
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 3/7/2016 3:30:48 PM



#72
 Carbazole
 Concen: 42.91 ng
 RT: 11.73 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion:167 Resp: 1144485
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 15.0 11.4 17.0





#73

Di-n-butylphthalate

Concen: 46.44 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

ELP-7MSD

Tot Ion:149 Resp: 1565861

Ion Ratio Lower Upper

149 100

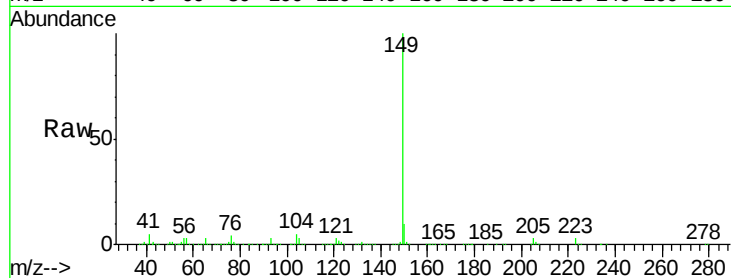
150 9.6 7.8 11.6

104 4.7 4.7 7.1

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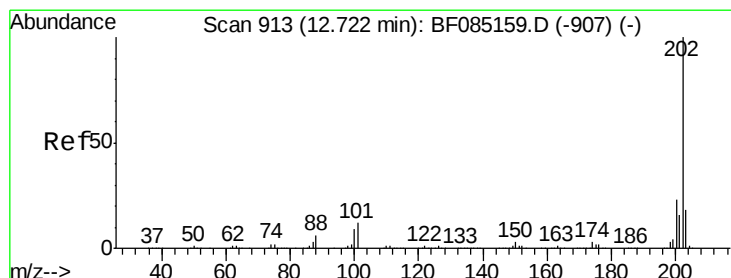
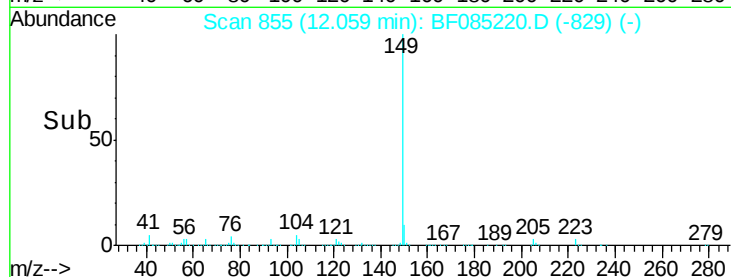
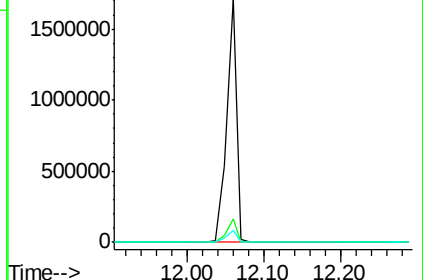
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.95 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

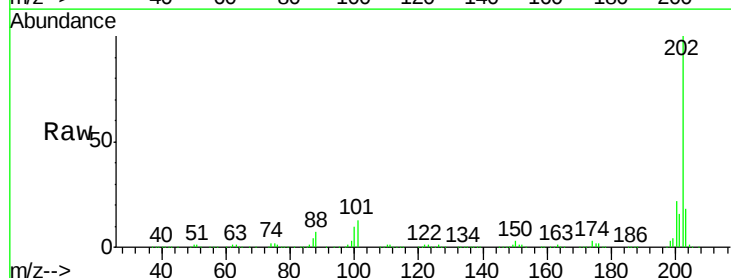
Tgt Ion:202 Resp: 1263647

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.8

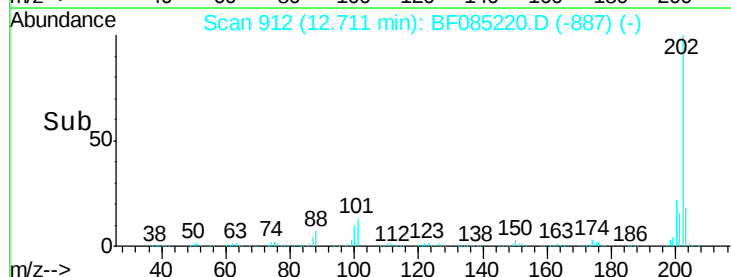
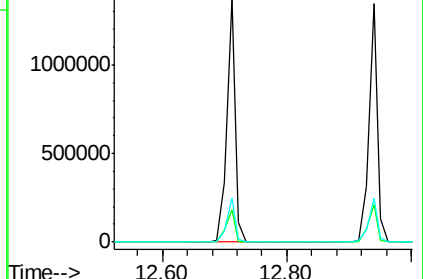
203 18.3 0.0 38.4

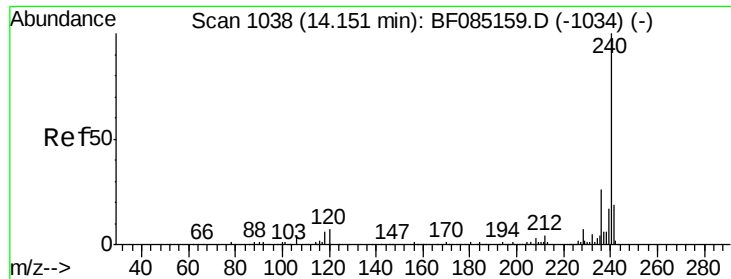


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

ClientSampleId :

ELP-7MSD

Tot Ion:240 Resp: 373680

Ion Ratio Lower Upper

240 100

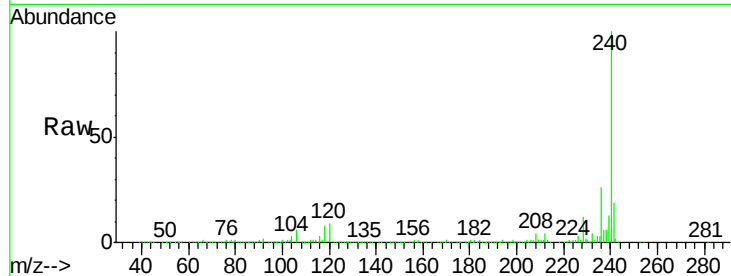
120 8.9 5.3 7.9#

236 26.0 20.7 31.1

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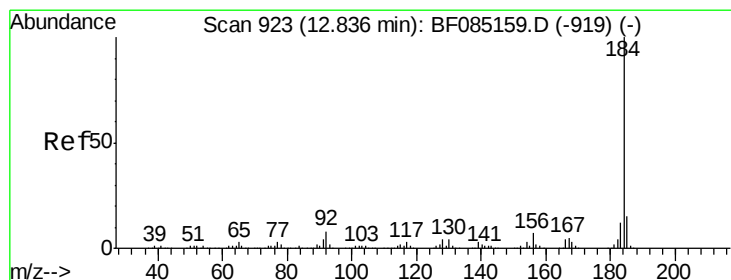
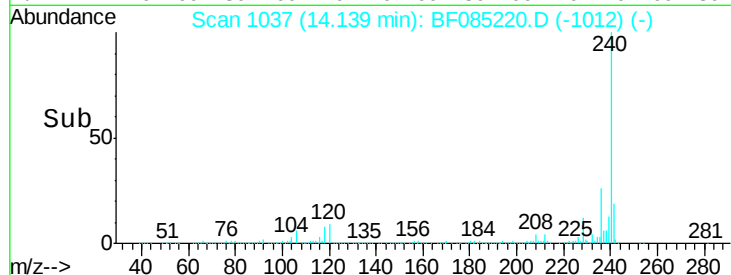
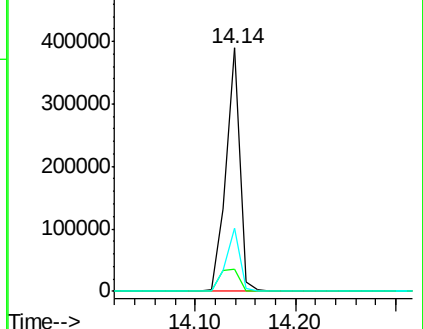
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.81 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

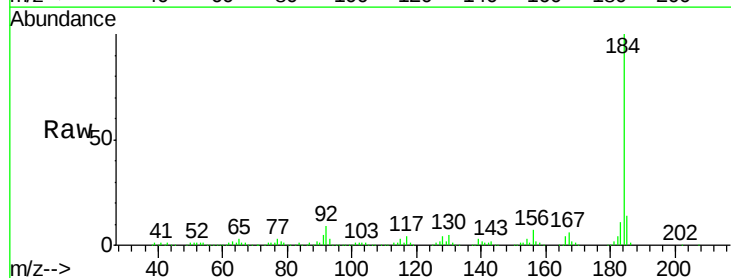
Tgt Ion:184 Resp: 298146

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

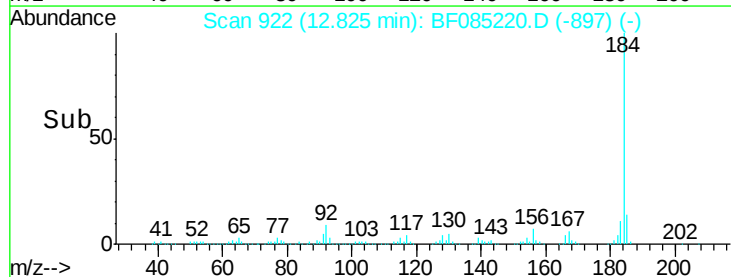
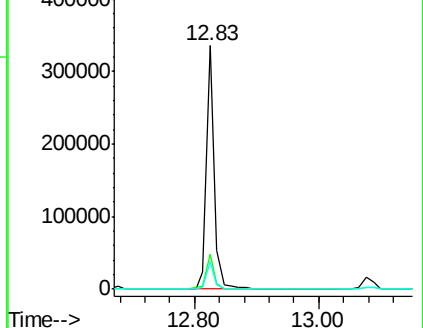
183 11.4 9.4 14.2

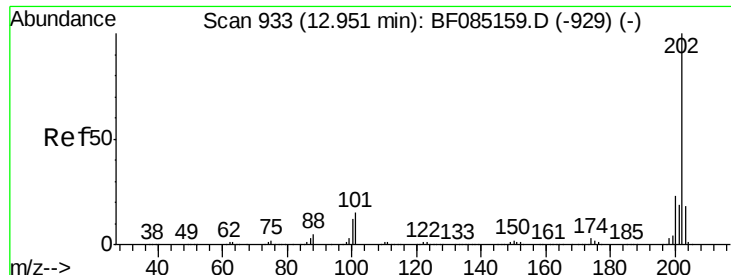


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





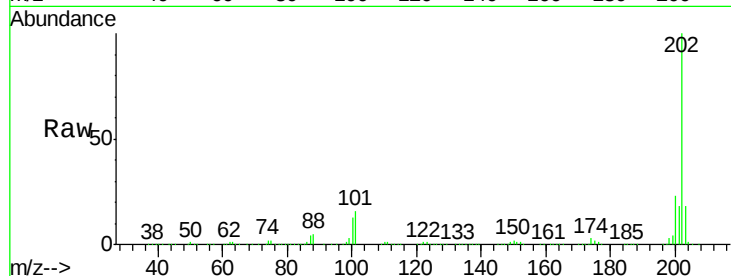
#77
Pvrene
Concen: 44.26 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

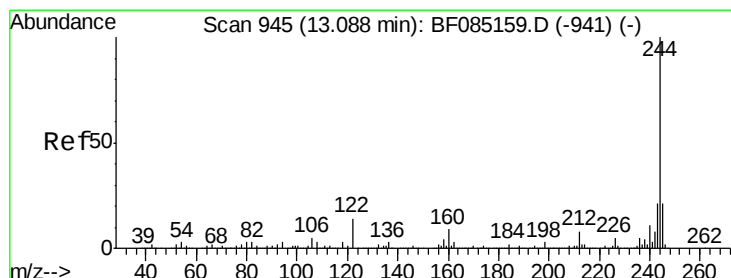
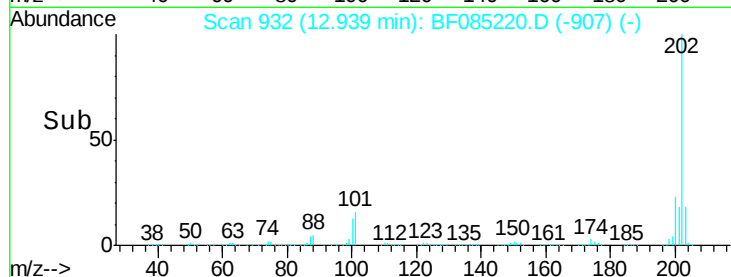
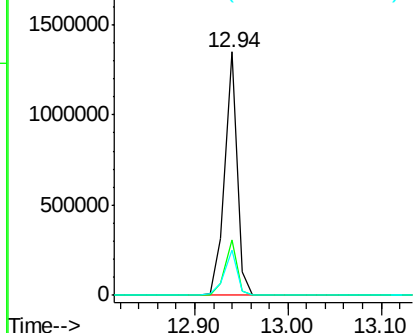
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.4
203	18.4	14.7	22.1

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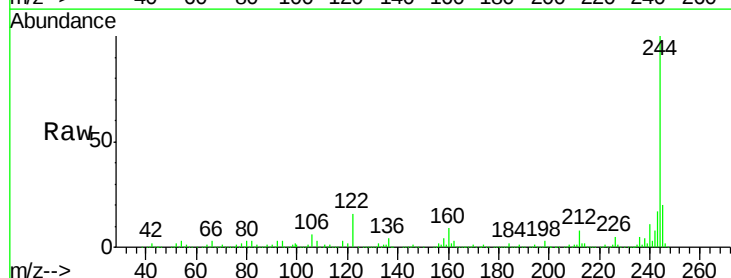


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

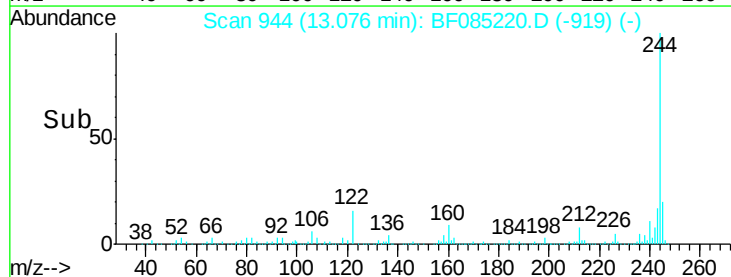
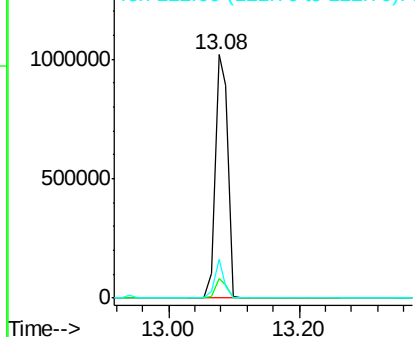


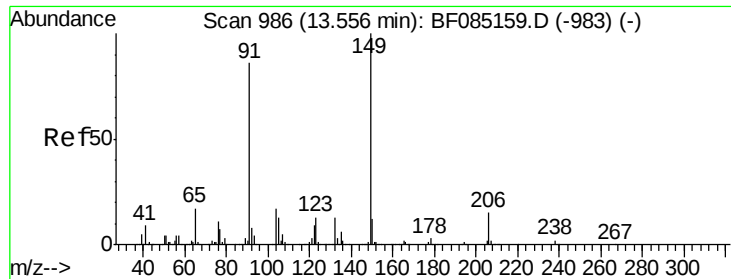
#78
Terphenyl-d14
Concen: 86.46 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	15.8	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





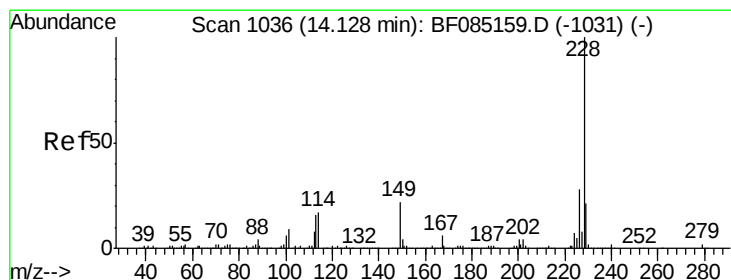
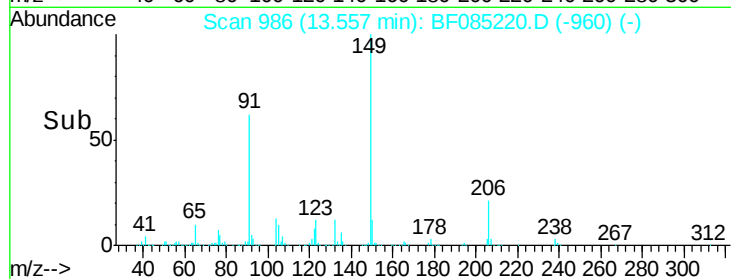
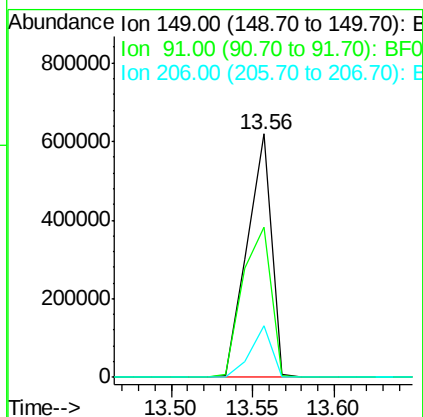
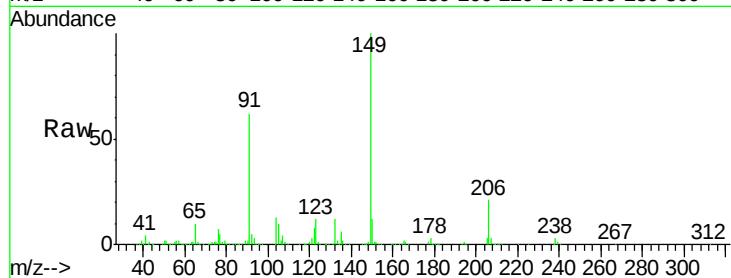
#79
Butylbenzylphthalate
Concen: 50.16 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.9	69.0	103.4#
206	21.0	12.3	18.5#

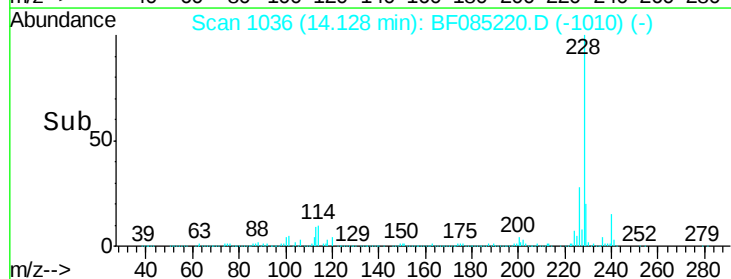
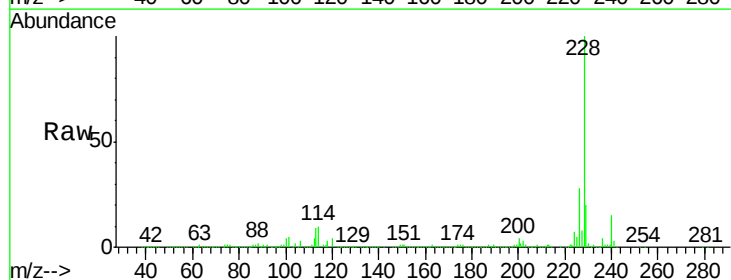
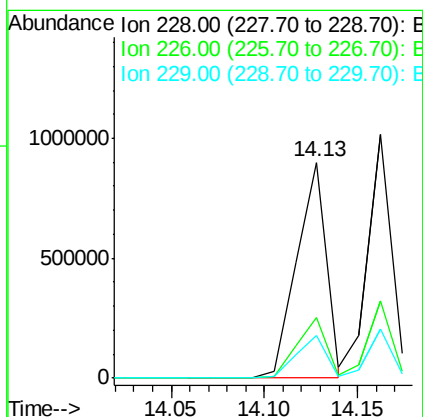
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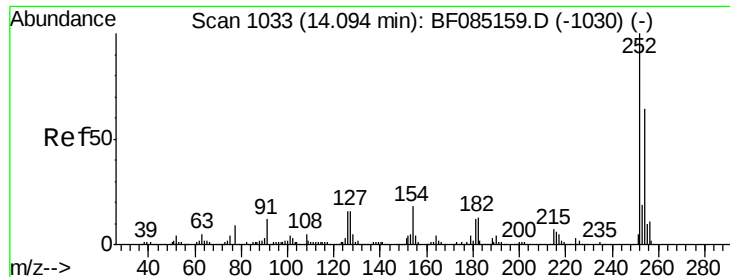
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#80
Benzo(a)anthracene
Concen: 44.70 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.8	34.2
229	19.9	16.6	24.8





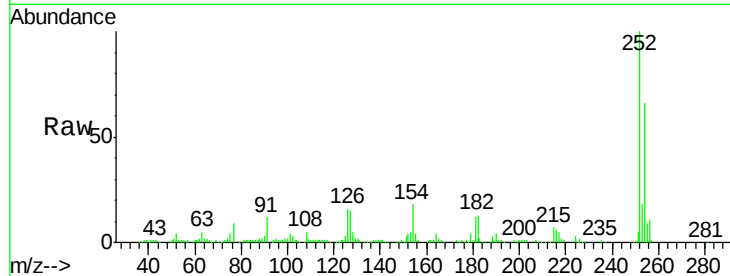
#81
 3,3'-Dichlorobenzidine
 Concen: 22.64 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

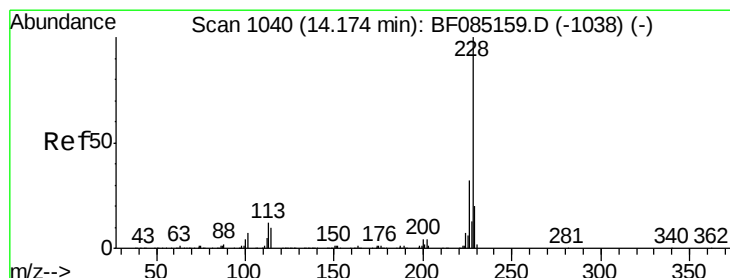
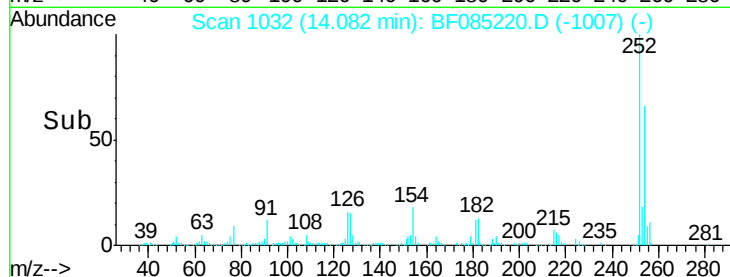
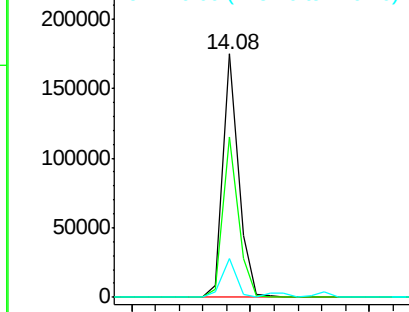
Tot Ion	Ratio	Resp	Lower	Upper
252	100	159763		
254	65.8		51.4	77.0
126	16.0		12.9	19.3

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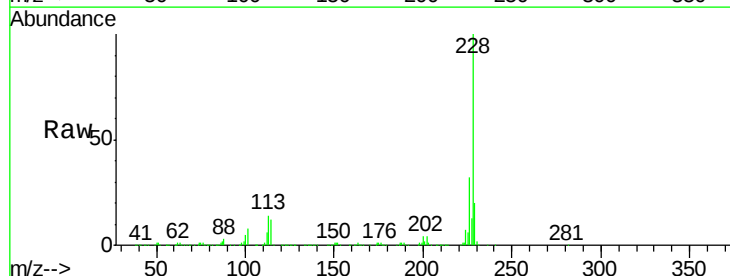


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

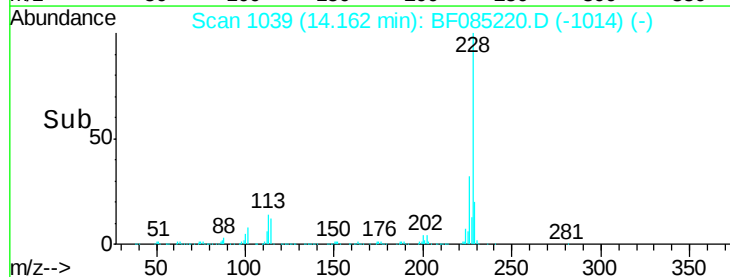
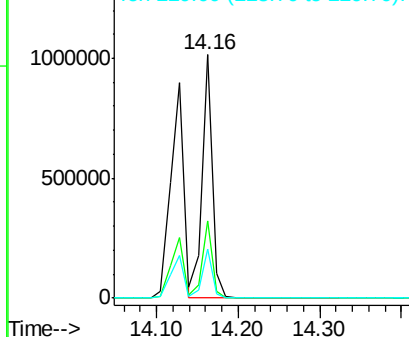


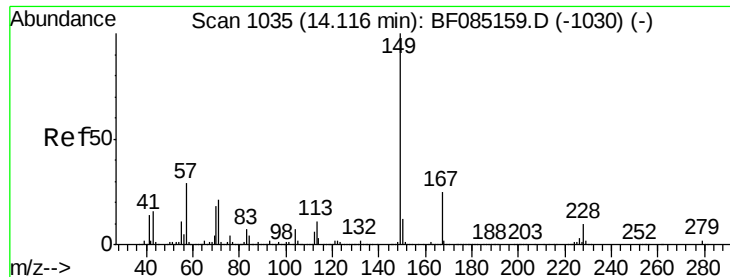
#82
 Chrysene
 Concen: 43.91 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	907462		
226	31.5		25.2	37.8
229	20.0		16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.83 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

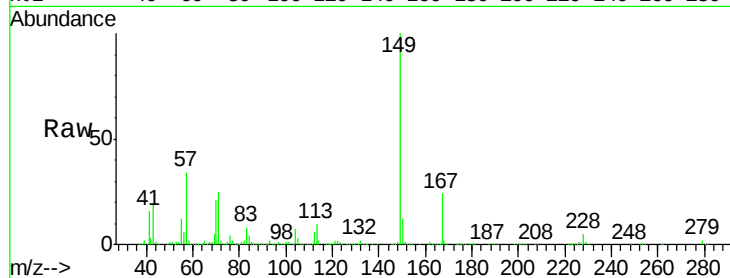
ClientSampleId :

ELP-7MSD

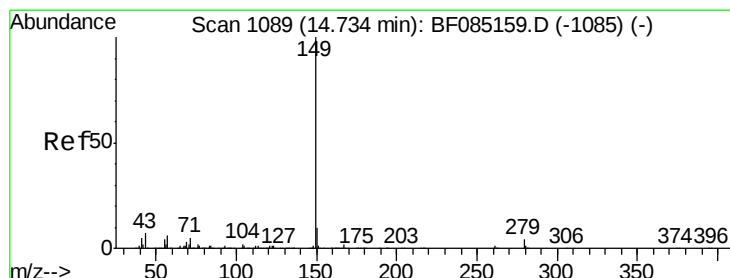
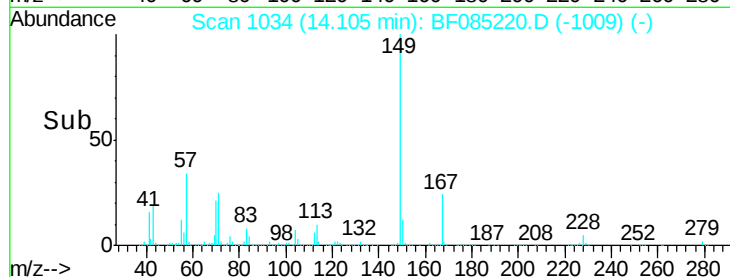
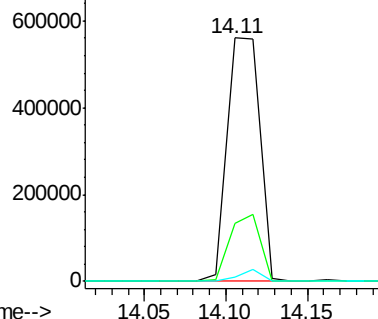
Tot Ion:	149	Resp:	786439
Ion Ratio	Lower	Upper	
149	100		
167	23.8	20.3	30.5
279	1.8	1.9	2.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.57 ng

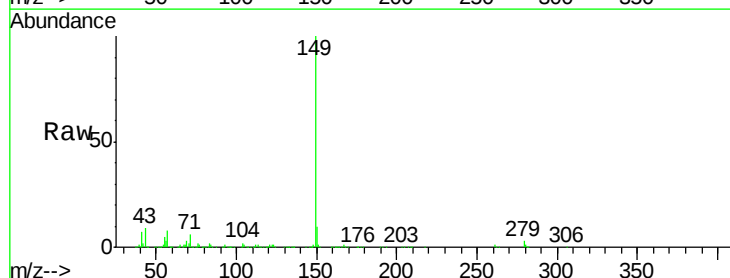
RT: 14.72 min Scan# 1088

Delta R.T. -0.01 min

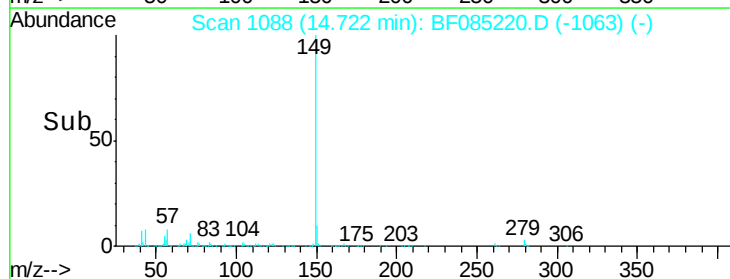
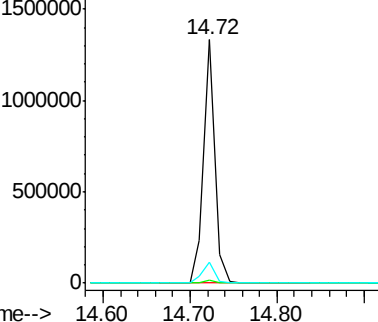
Lab File: BF085220.D

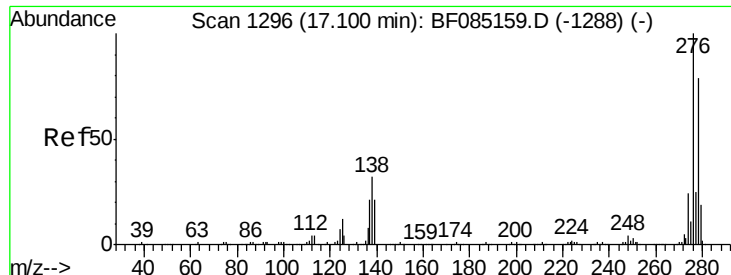
Acq: 4 Mar 2016 23:25

Tgt Ion:	149	Resp:	1191154
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	9.2	7.8	11.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





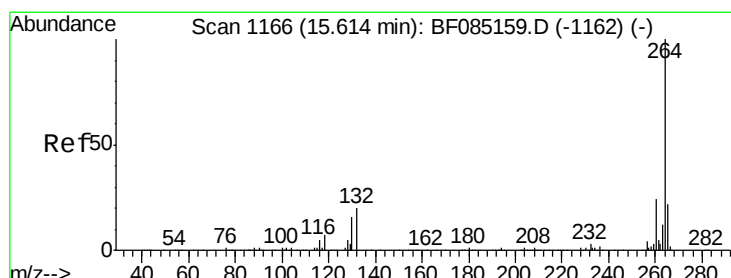
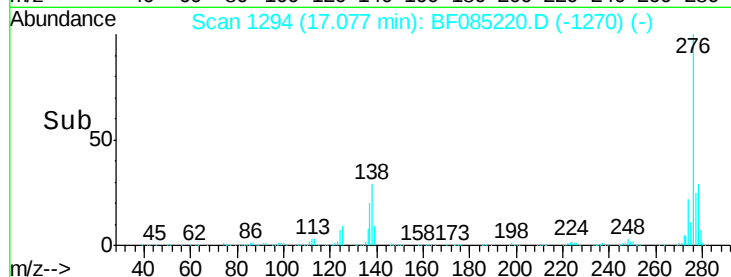
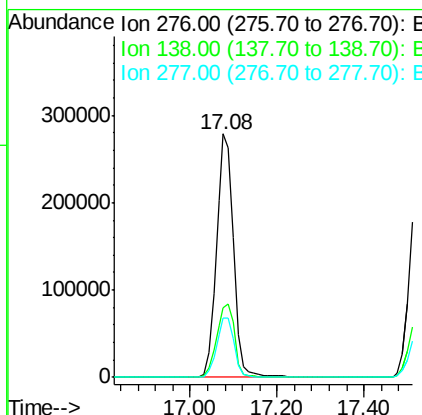
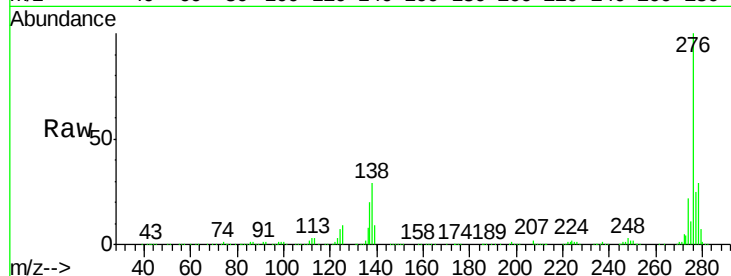
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.91 ng
 RT: 17.08 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	26.4	39.6
277	25.4	20.2	30.2

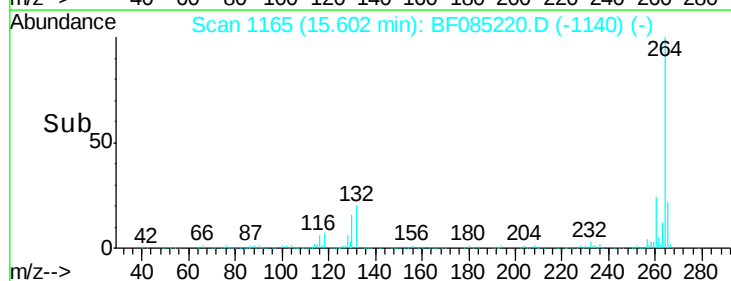
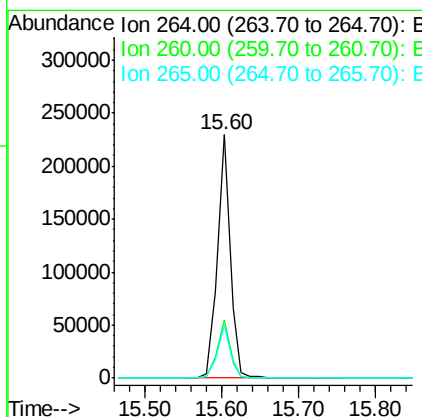
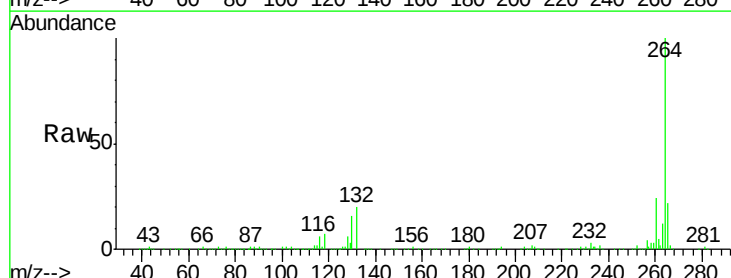
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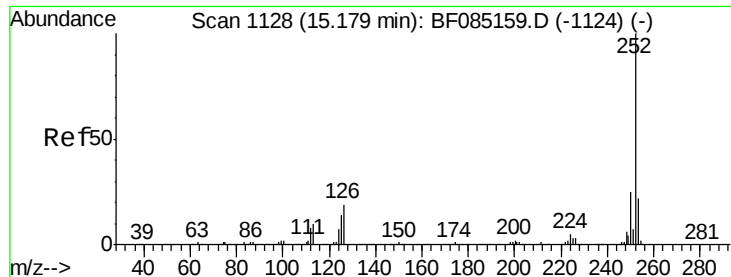
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.16 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Instrument :

BNA_F

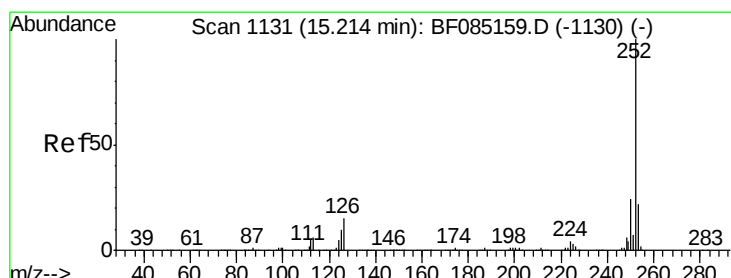
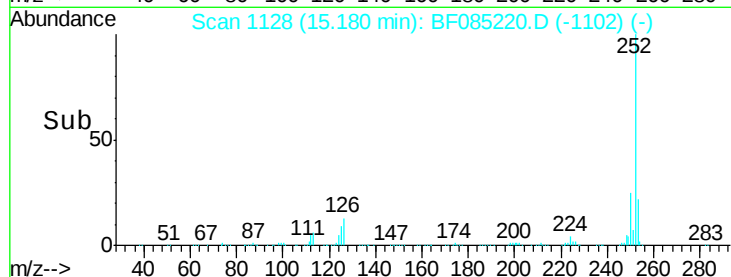
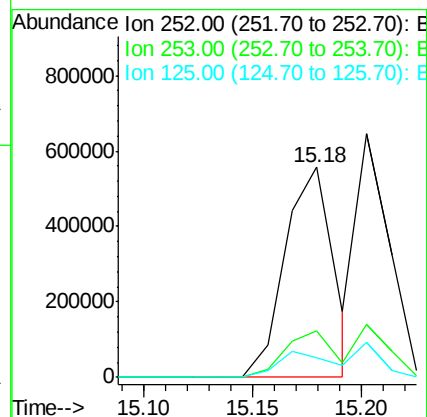
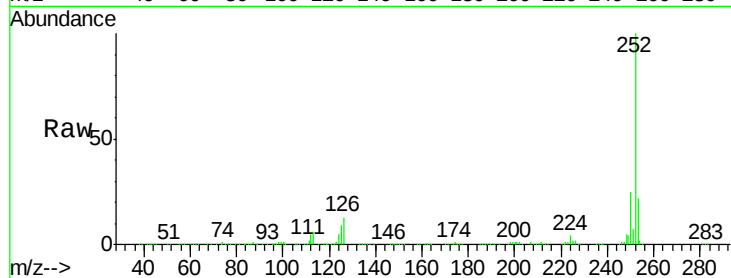
ClientSampleId :

ELP-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.5	11.3	16.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.56 ng m

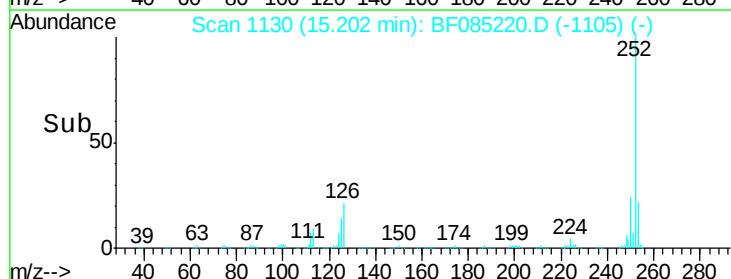
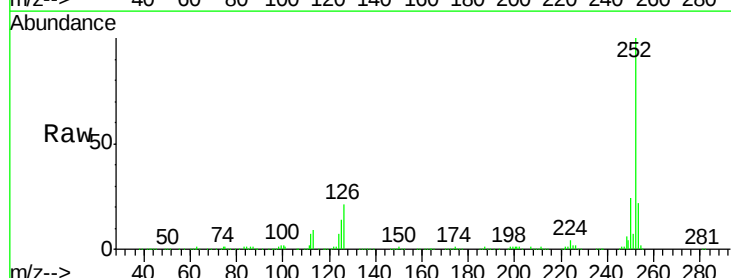
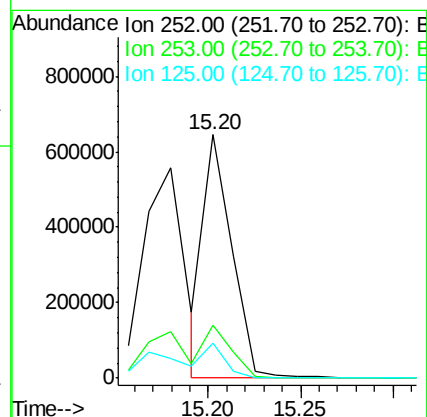
RT: 15.20 min Scan# 1130

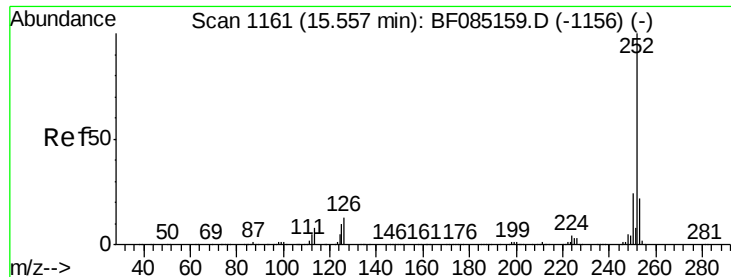
Delta R.T. -0.01 min

Lab File: BF085220.D

Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	14.2	10.4	15.6





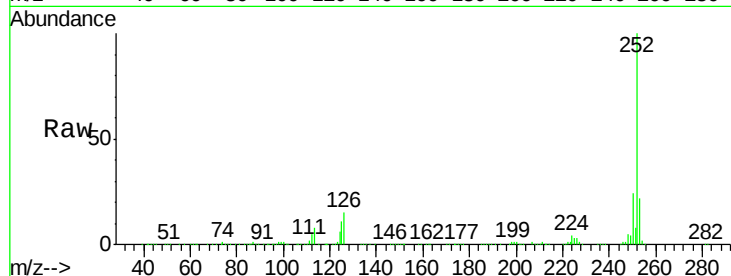
#89
Benzo(a)pyrene
Concen: 48.56 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Instrument :
BNA_F
ClientSampleId :
ELP-7MSD

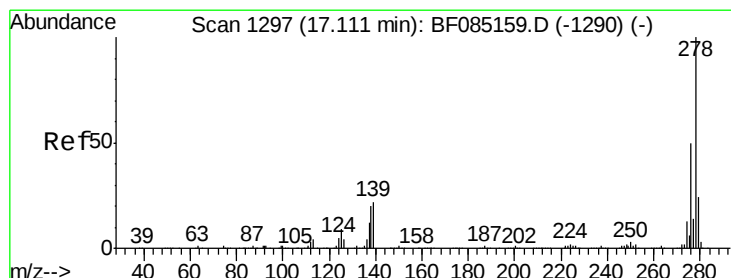
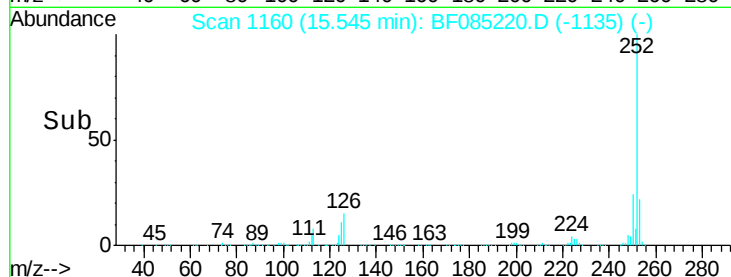
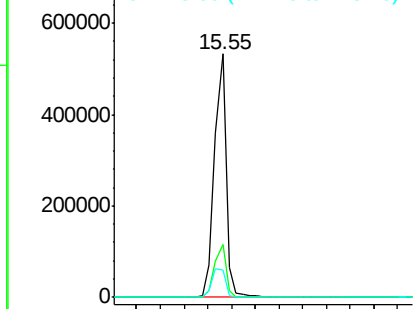
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.4	26.0
125	11.1	8.2	12.4

Manual Integrations
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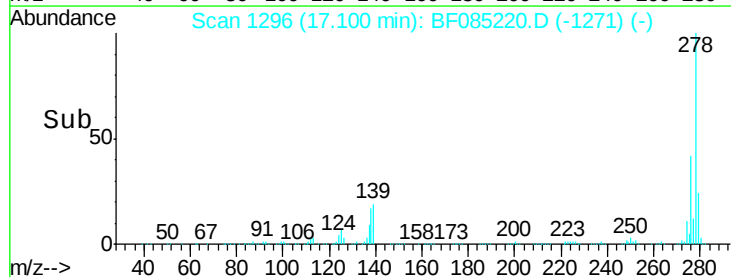
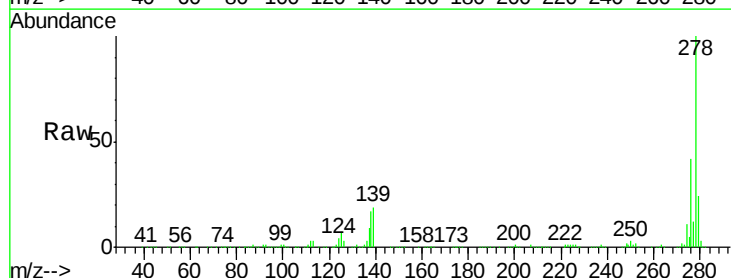
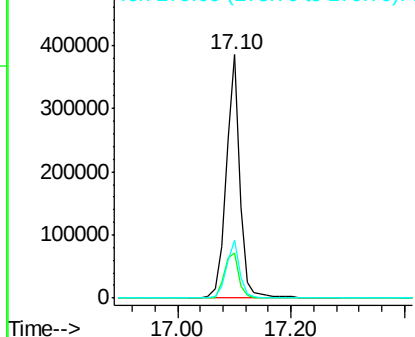
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

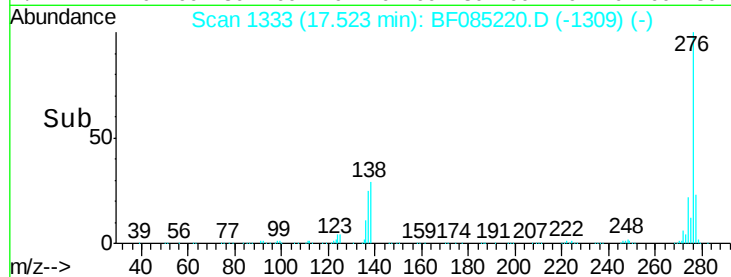
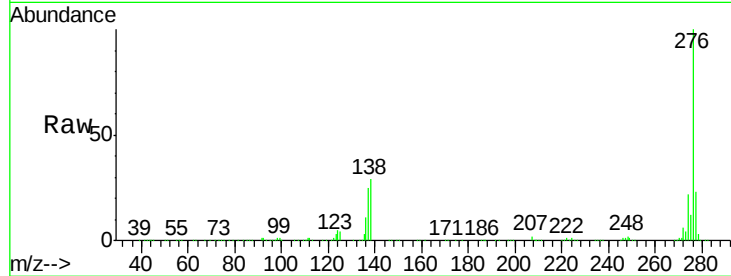
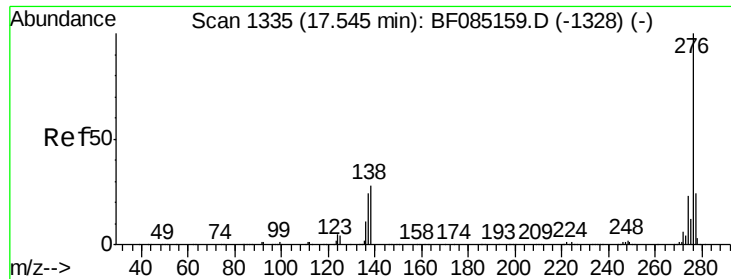


#90
Dibenzo(a,h)anthracene
Concen: 50.89 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085220.D
Acq: 4 Mar 2016 23:25

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.7	17.3	25.9
279	23.6	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 51.54 ng
 RT: 17.52 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF085220.D
 Acq: 4 Mar 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.2	19.0	28.4
138	29.3	22.5	33.7

Manual Integrations
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