

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085219.D
 Acq On : 4 Mar 2016 22:57
 Operator : SJ/IZ
 Sample : H1645-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

Manual Integrations
 APPROVED

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 3/7/2016 3:30:46 PM

Quant Time: Mar 07 11:35:32 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	177324	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	689876	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	313795	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	601202	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	435545	20.00	ng	-0.01
86) Perylene-d12	15.60	264	302917	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1296846	122.67	ng	0.02
7) Phenol-d6	6.61	99	1526663	110.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	1163629	90.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	366776	136.60	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1924683	93.28	ng	-0.01
78) Terphenyl-d14	13.09	244	1538422	82.00	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.88	88	188505	34.87	ng	# 84
3) Pyridine	3.60	79	441536	32.63	ng	96
4) n-Nitrosodimethylamine	3.53	42	218389	37.71	ng	92
6) Aniline	6.63	93	322641	16.62	ng	99
8) 2-Chlorophenol	6.76	128	490077	38.51	ng	91
9) Benzaldehyde	6.52	77	123121	15.49	ng	98
10) Phenol	6.62	94	608765m	41.04	ng	
11) bis(2-Chloroethyl)ether	6.71	93	517475	42.00	ng	99
12) 1,3-Dichlorobenzene	6.92	146	561926	41.12	ng	97
13) 1,4-Dichlorobenzene	7.00	146	549059m	40.09	ng	
14) 1,2-Dichlorobenzene	7.14	146	527914	42.49	ng	99
15) Benzyl Alcohol	7.11	79	441838	43.46	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	672749	37.88	ng	100
17) 2-Methylphenol	7.22	107	447996	43.14	ng	98
18) Hexachloroethane	7.49	117	207544	41.08	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	365019	40.44	ng	# 90
20) 3+4-Methylphenols	7.37	107	497244	40.42	ng	93
22) Acetophenone	7.38	105	686444	40.77	ng	# 99
24) Nitrobenzene	7.56	77	584431	44.63	ng	97
25) Isophorone	7.80	82	1031814	43.19	ng	99
26) 2-Nitrophenol	7.88	139	292169	45.84	ng	96
27) 2,4-Dimethylphenol	7.91	122	520514	44.69	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	608841	45.76	ng	100
29) 2,4-Dichlorophenol	8.12	162	434681	46.28	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	451675	44.48	ng	99
31) Naphthalene	8.28	128	1544390	45.53	ng	99
32) Benzoic acid	7.99	122	111426	14.40	ng	97
33) 4-Chloroaniline	8.32	127	208494	15.20	ng	95
34) Hexachlorobutadiene	8.40	225	236030	44.67	ng	99
35) Caprolactam	8.70	113	127659m	41.61	ng	
36) 4-Chloro-3-methylphenol	8.80	107	456342	42.82	ng	97
37) 2-Methylnaphthalene	8.97	142	1056649	48.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	377083	42.02	ng	98
40) Hexachlorocyclopentadiene	9.12	237	398205	82.27	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	317115	47.47	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	288318	45.52	nq	94
45) 1,1'-Biphenyl	9.44	154	1156564	43.14	nq	93
46) 2-Chloronaphthalene	9.46	162	932927	45.65	nq	98
47) 2-Nitroaniline	9.56	65	314050	49.59	nq	# 79
48) Acenaphthylene	9.88	152	1345809	42.31	nq	99
49) Dimethylphthalate	9.74	163	1154493	47.93	nq	100
50) 2,6-Dinitrotoluene	9.80	165	229070	44.46	nq	95
51) Acenaphthene	10.05	154	808179	41.85	nq	99
52) 3-Nitroaniline	9.97	138	192060	31.16	nq	92
53) 2,4-Dinitrophenol	10.07	184	66073	30.76	nq	# 33
54) Dibenzofuran	10.22	168	1176200	46.49	nq	99
55) 4-Nitrophenol	10.12	139	366254	75.60	nq	# 74
56) 2,4-Dinitrotoluene	10.20	165	291110	44.15	nq	93
57) Fluorene	10.56	166	867796	43.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	210373	47.28	nq	99
59) Diethylphthalate	10.44	149	1052900	45.05	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	408351	42.23	nq	92
61) 4-Nitroaniline	10.58	138	261477	45.35	nq	80
62) Azobenzene	10.71	77	1082765	47.02	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	79208	22.00	nq	99
65) n-Nitrosodiphenylamine	10.68	169	875561	46.82	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	248331	42.54	nq	# 88
67) Hexachlorobenzene	11.11	284	273397	43.90	nq	# 87
68) Atrazine	11.20	200	293700	56.48	nq	96
69) Pentachlorophenol	11.30	266	249413	72.15	nq	99
70) Phenanthrene	11.52	178	1322354	41.97	nq	99
71) Anthracene	11.58	178	1459140	43.62	nq	99
72) Carbazole	11.73	167	1164165	39.69	nq	99
73) Di-n-butylphthalate	12.06	149	1593996	43.00	nq	99
74) Fluoranthene	12.71	202	1266048	40.04	nq	97
76) Benzidine	12.82	184	339701	26.21	nq	98
77) Pyrene	12.94	202	1284408	39.18	nq	100
79) Butylbenzylphthalate	13.56	149	678521	45.62	nq	# 79
80) Benzo(a)anthracene	14.13	228	1056021	40.50	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	174561	21.22	nq	98
82) Chrysene	14.16	228	955063	39.65	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	831364	42.47	nq	# 98
84) Di-n-octyl phthalate	14.72	149	1272861	42.70	nq	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	799639	42.54	nq	99
87) Benzo(b)fluoranthene	15.18	252	955867	47.34	nq	# 94
88) Benzo(k)fluoranthene	15.20	252	696101m	42.74	nq	
89) Benzo(a)pyrene	15.55	252	774286	46.28	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	679386	47.57	nq	97
91) Benzo(g,h,i)perylene	17.53	276	685542	47.74	nq	95

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

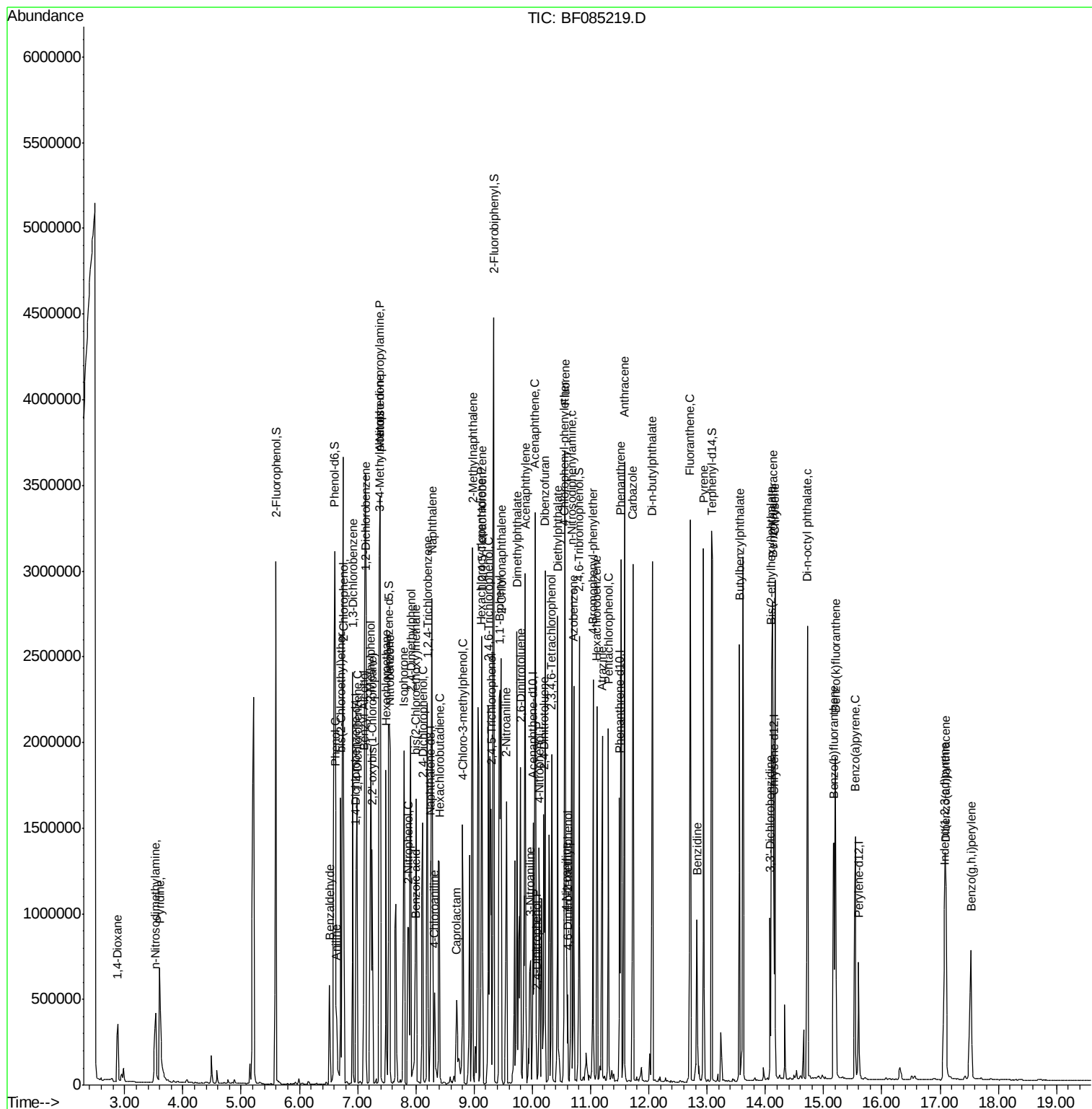
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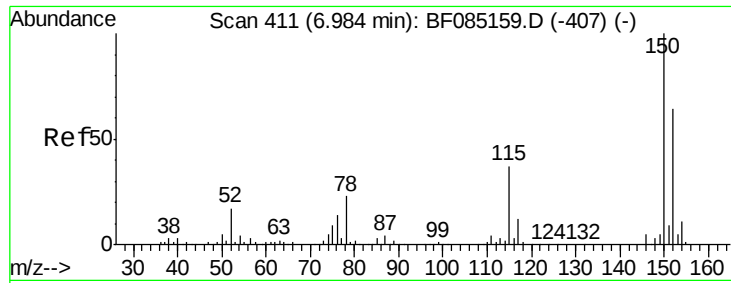
Instrument :
BNA_F
ClientSampled :
ELP-7MS

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#1

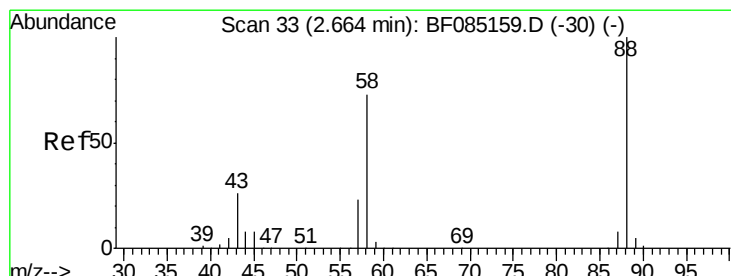
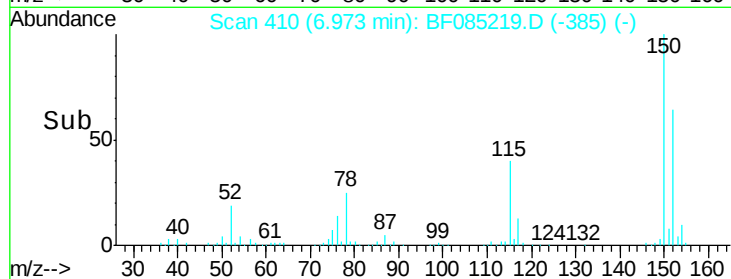
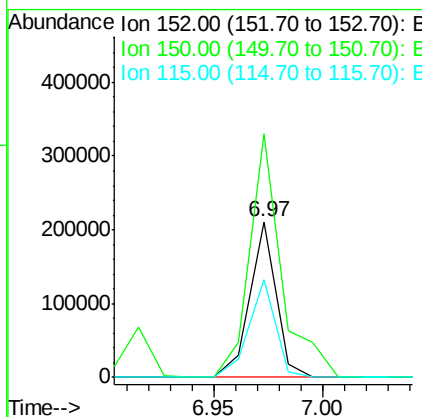
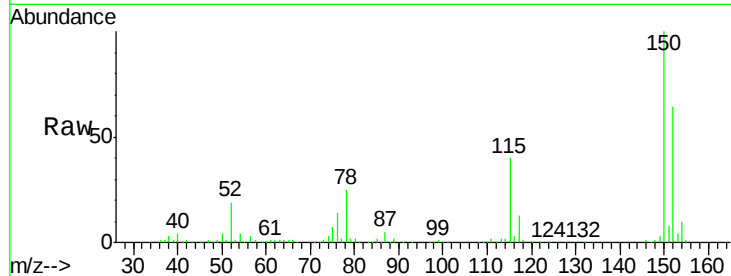
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.4	46.6	70.0

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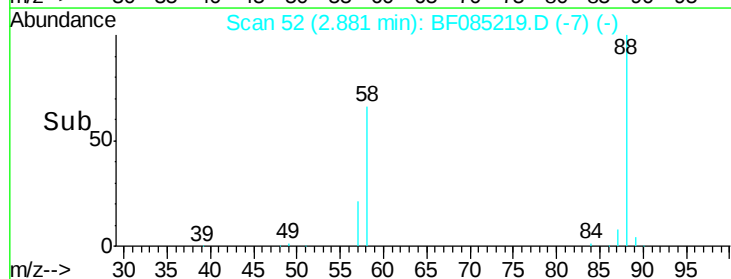
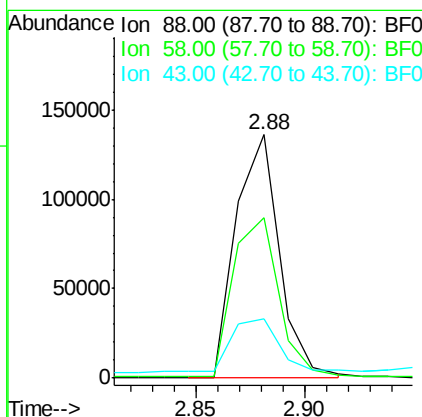
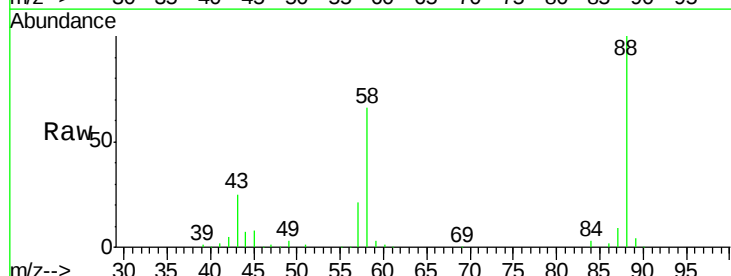
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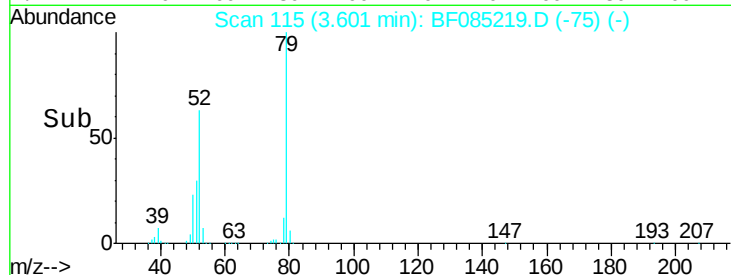
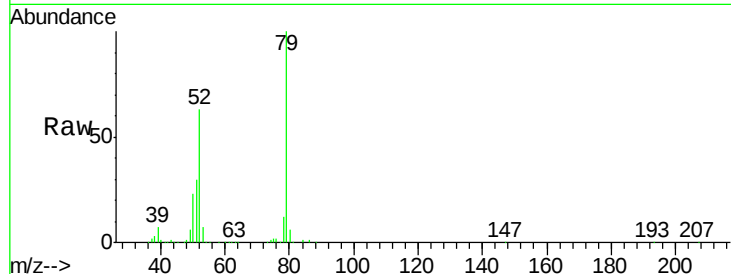
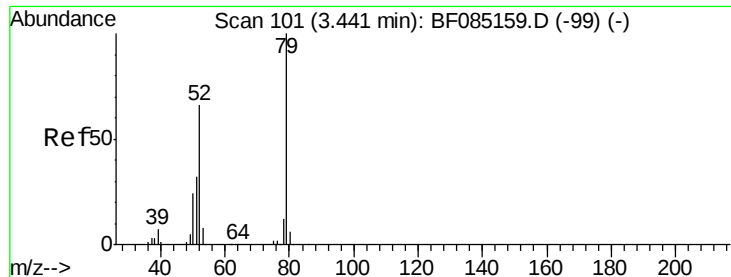


#2

1,4-Dioxane
Concen: 34.87 ng
RT: 2.88 min Scan# 52
Delta R.T. 0.22 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	57.0	85.6
43	0.0	20.5	30.7#





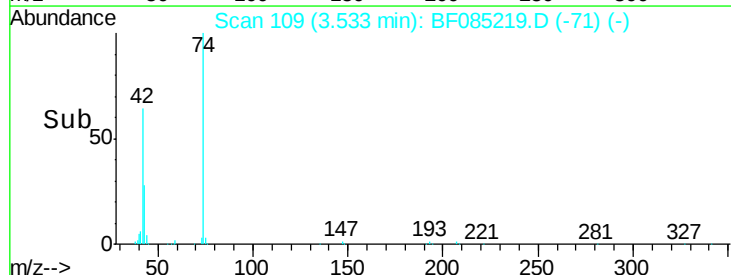
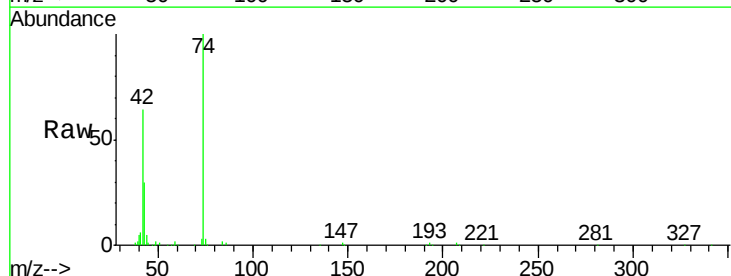
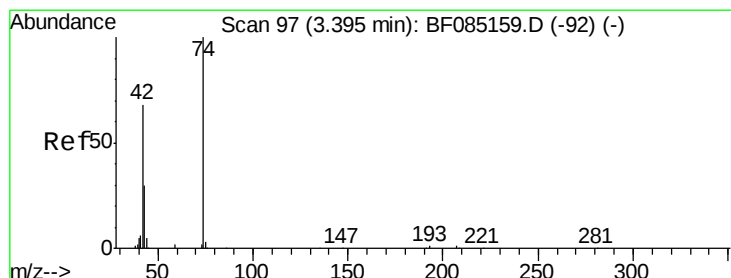
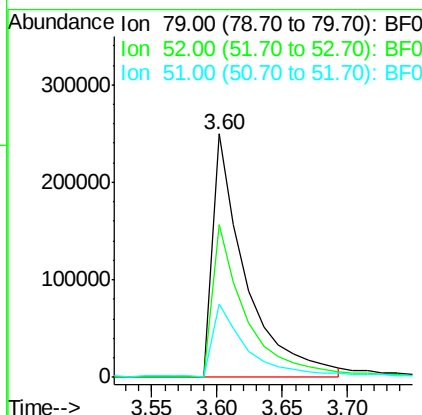
#3
 Pvridine
 Concen: 32.63 ng
 RT: 3.60 min Scan# 115
 Delta R.T. 0.16 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tot Ion:	79	Resp:	441536
Ion	Ratio	Lower	Upper
79	100		
52	62.9	52.6	79.0
51	30.4	25.8	38.8

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

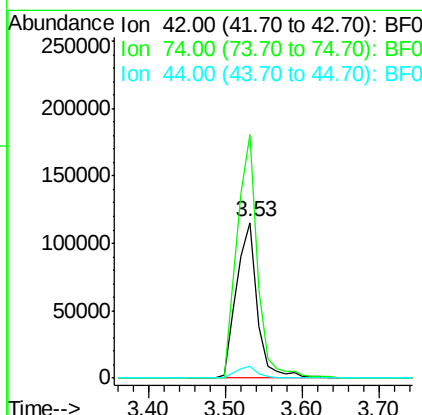
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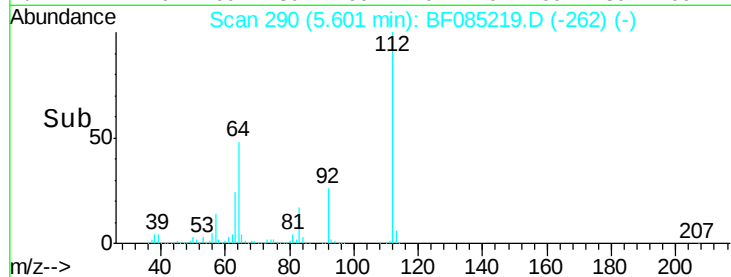
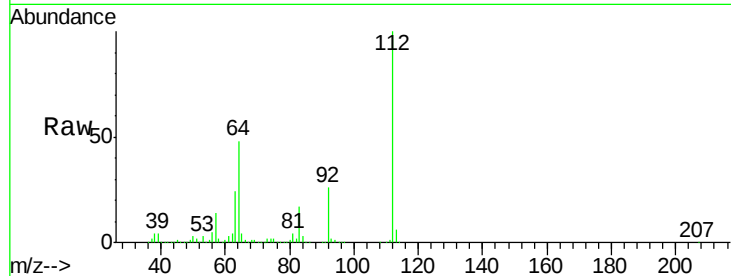
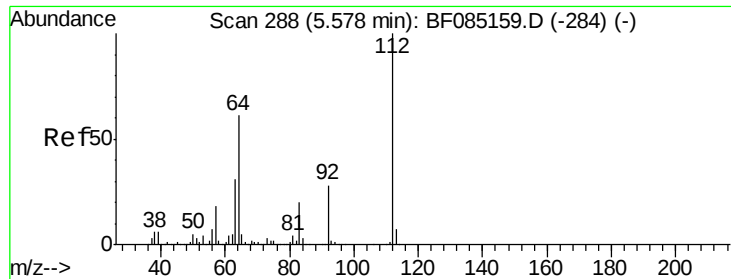
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#4
 n-Nitrosodimethylamine
 Concen: 37.71 ng
 RT: 3.53 min Scan# 109
 Delta R.T. 0.14 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion:	42	Resp:	218389
Ion	Ratio	Lower	Upper
42	100		
74	156.3	116.8	175.2
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 122.67 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

ELP-7MS

Tot Ion:112 Resp: 1296846

Ion Ratio Lower Upper

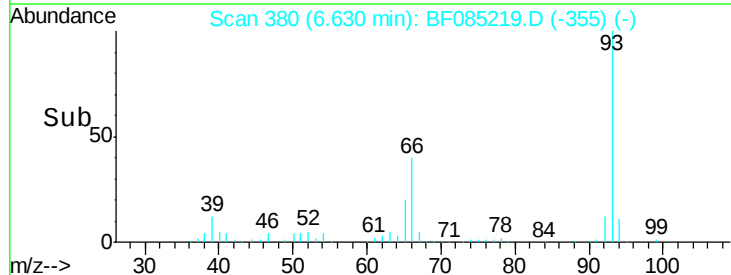
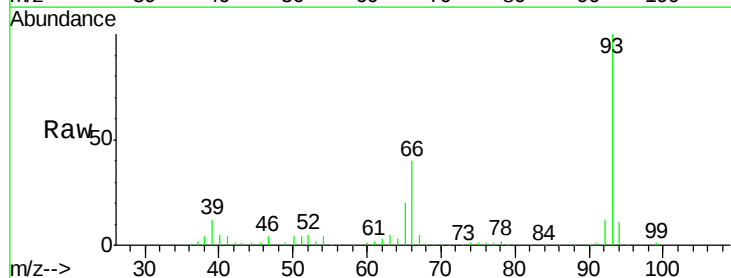
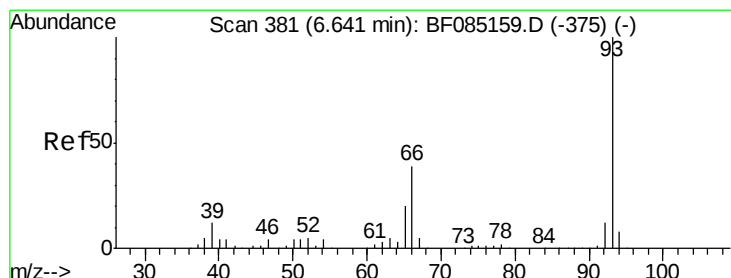
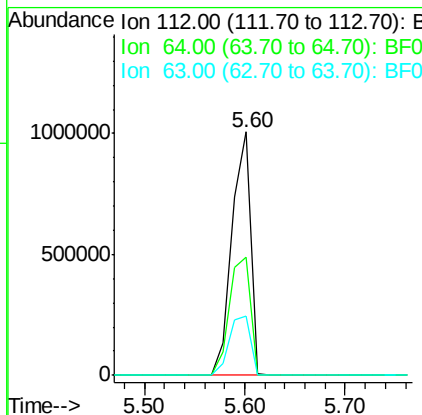
112 100

64 48.4 49.0 73.4#

63 24.4 24.8 37.2#

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#6

Aniline

Concen: 16.62 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

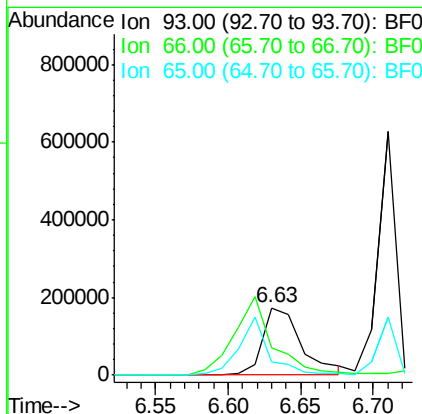
Tgt Ion: 93 Resp: 322641

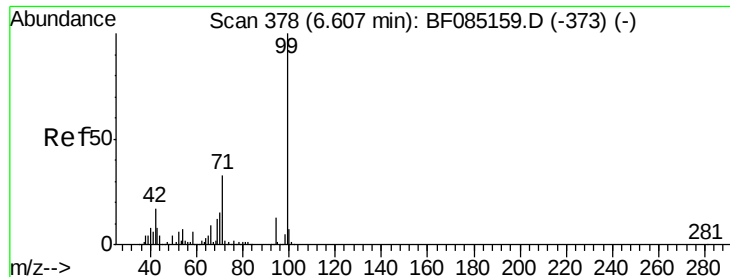
Ion Ratio Lower Upper

93 100

66 40.1 31.6 47.4

65 19.9 15.8 23.8





#7

Phenol-d6

Concen: 110.23 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

ELP-7MS

Tot Ion: 99 Resp: 1526663

Ion Ratio Lower Upper

99 100

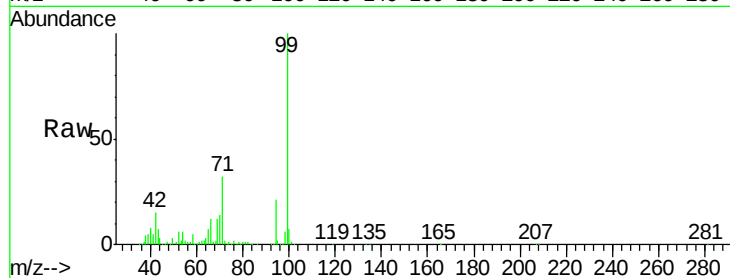
42 14.7 13.6 20.4

71 31.7 26.7 40.1

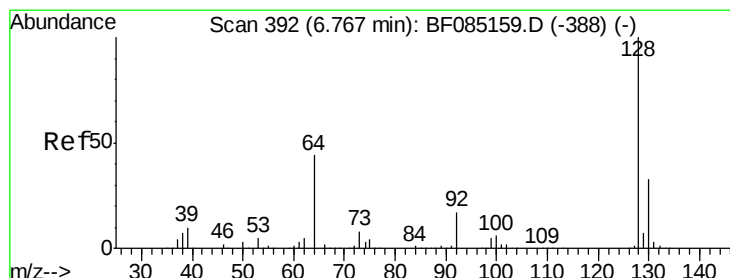
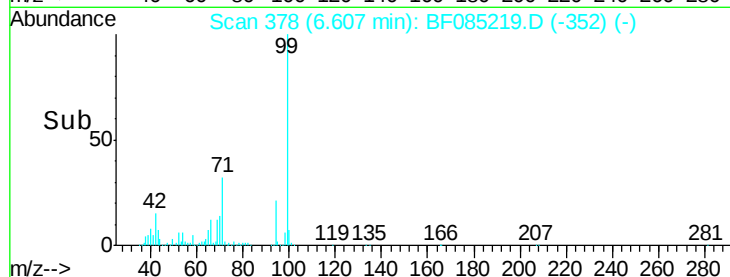
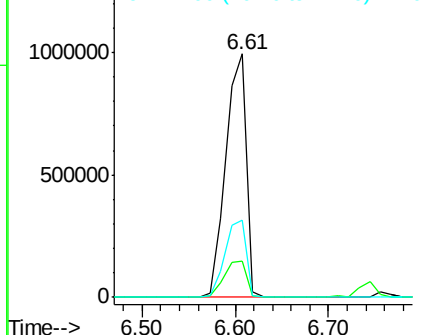
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.51 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

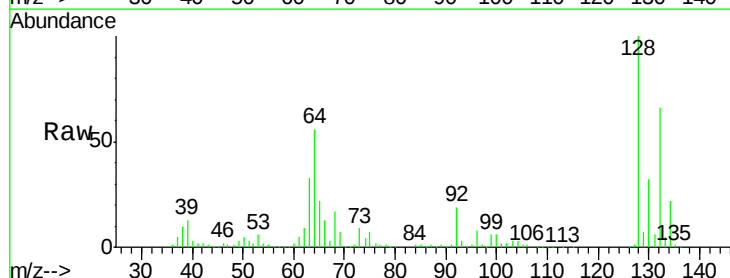
Tgt Ion: 128 Resp: 490077

Ion Ratio Lower Upper

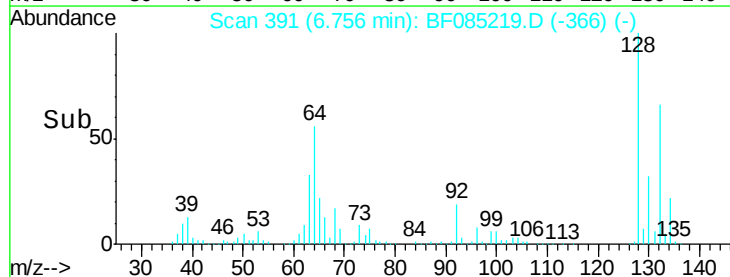
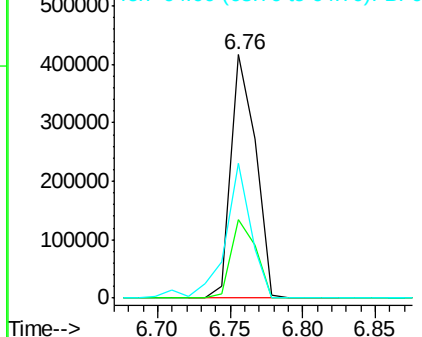
128 100

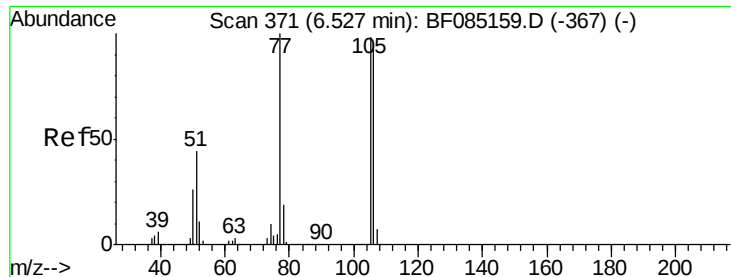
130 32.1 13.3 53.3

64 55.5 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: 15.49 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

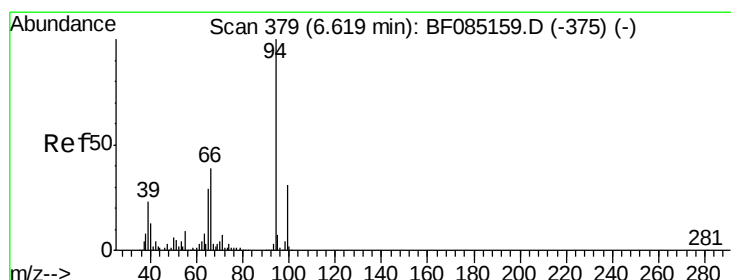
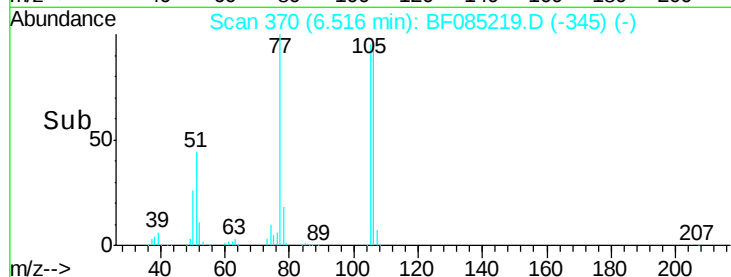
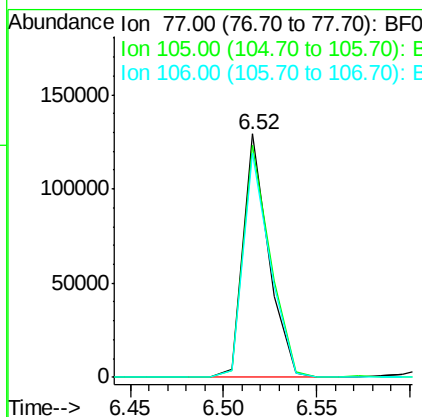
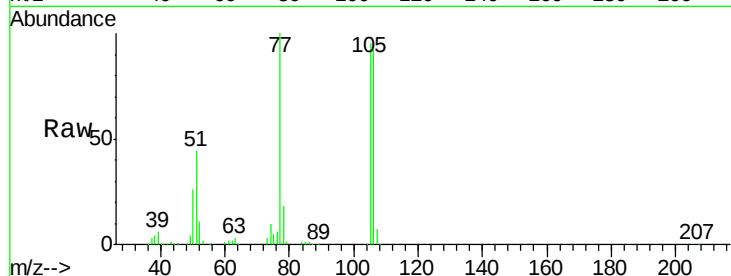
ClientSampleId :

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Tot Ion:	77	Resp:	123121
Ion Ratio	Lower	Upper	
77	100		
105	95.2	78.2	118.2
106	92.2	72.9	112.9

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#10

Phenol

Concen: 41.04 ng m

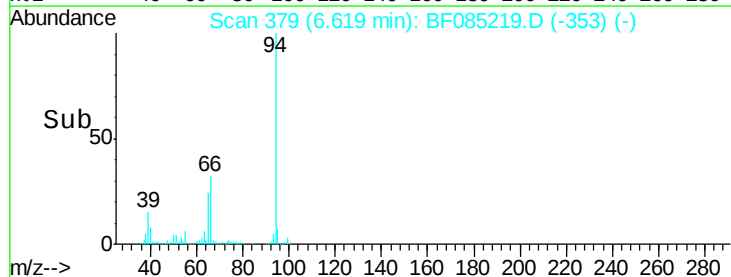
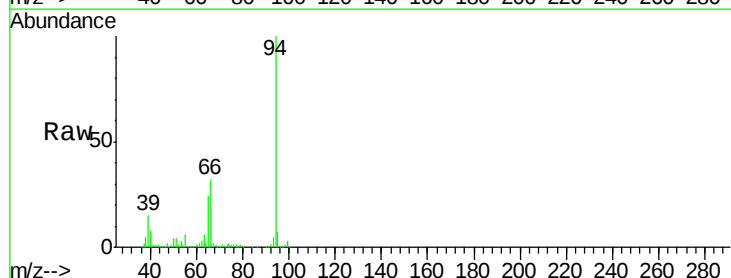
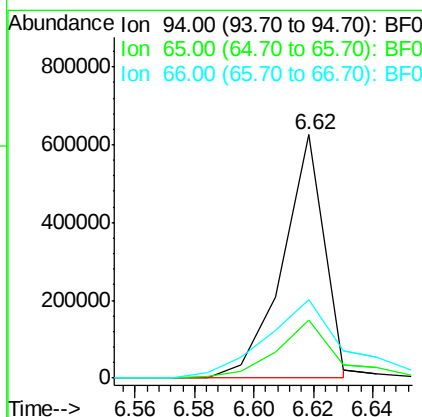
RT: 6.62 min Scan# 379

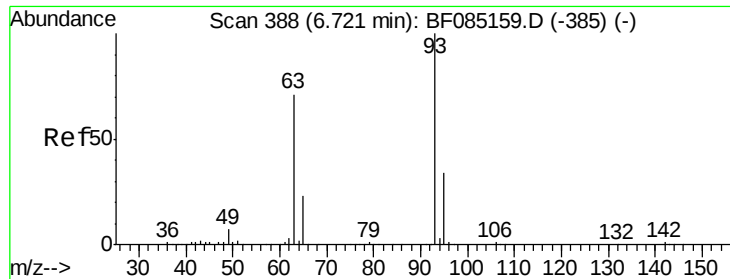
Delta R.T. 0.00 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Tgt Ion:	94	Resp:	608765
Ion Ratio	Lower	Upper	
94	100		
65	23.8	9.1	49.1
66	32.5	19.3	59.3





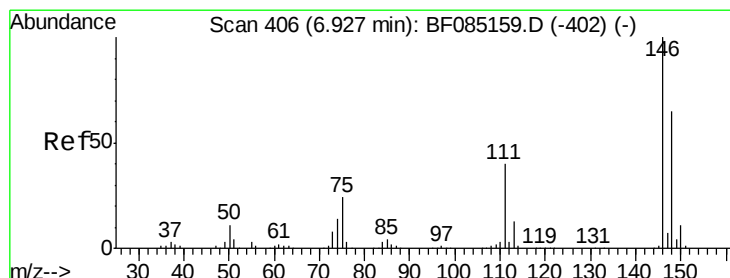
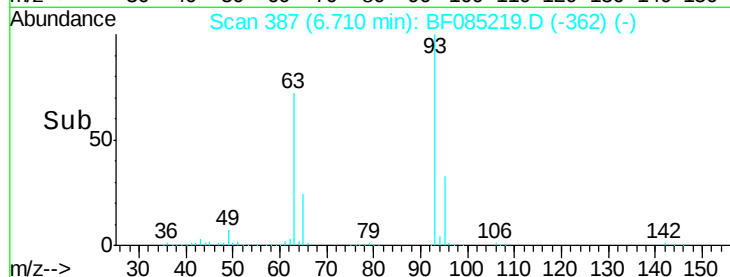
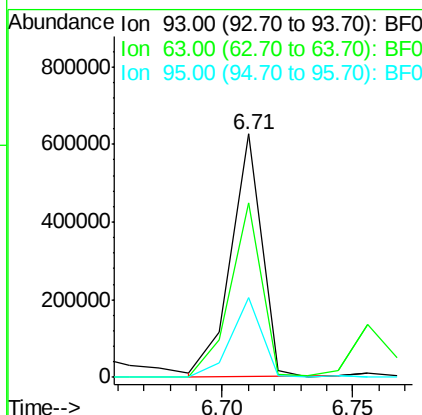
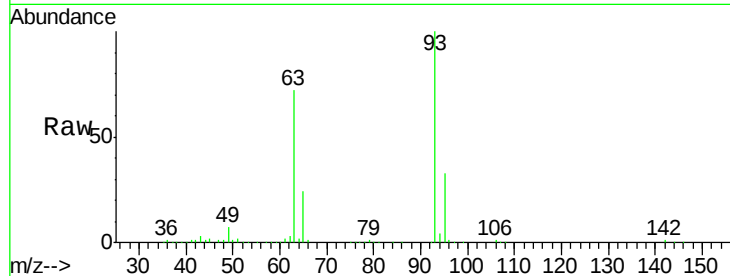
#11
bis(2-Chloroethyl)ether
Concen: 42.00 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion:	93	Resp:	517475
Ion Ratio	Lower	Upper	
93	100		
63	71.7	50.9	90.9
95	32.6	13.7	53.7

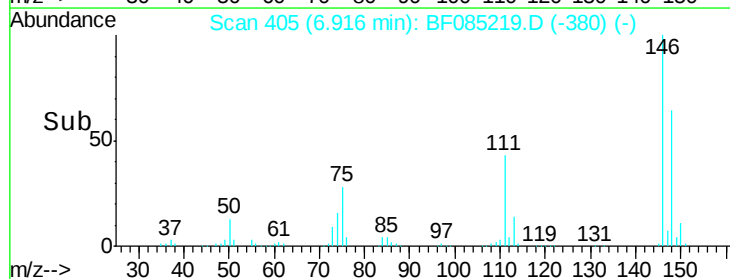
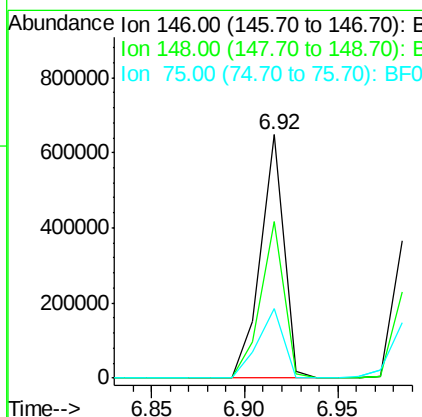
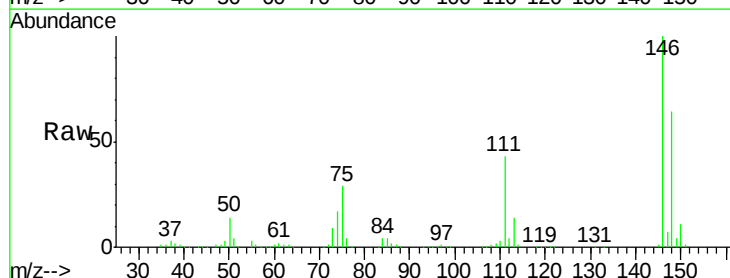
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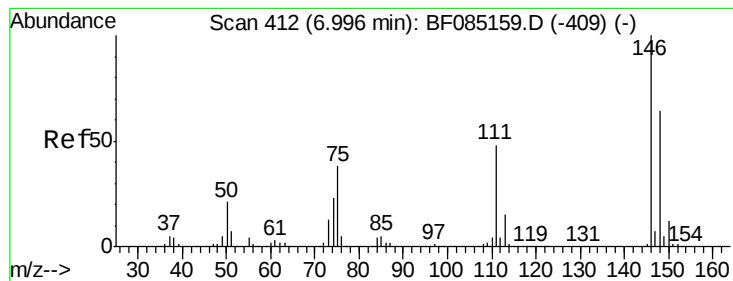
UMANGI
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#12
1,3-Dichlorobenzene
Concen: 41.12 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion:	146	Resp:	561926
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.1	78.1
75	28.7	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 40.09 ng/mL

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

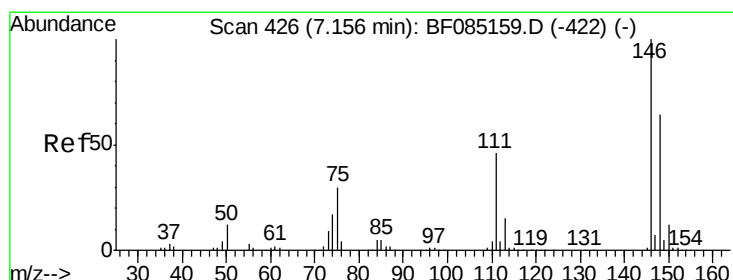
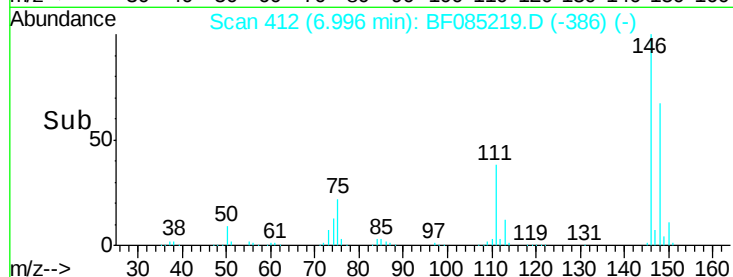
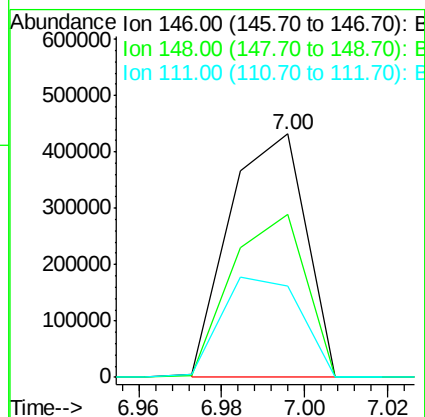
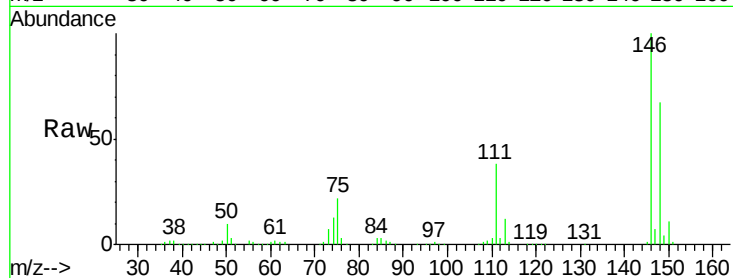
ClientSampled :

ELP-7MS

Tot Ion:	146	Resp:	549059
Ion Ratio	Lower	Upper	
146	100		
148	66.8	51.3	76.9
111	37.6	38.4	57.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.49 ng/mL

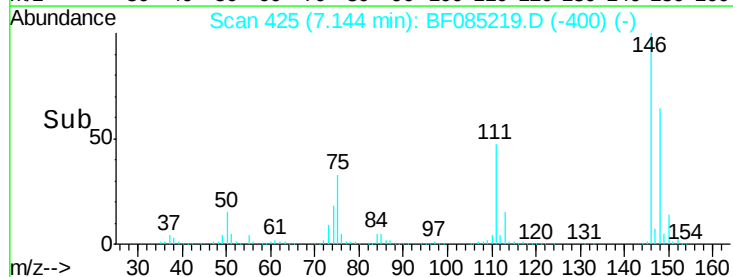
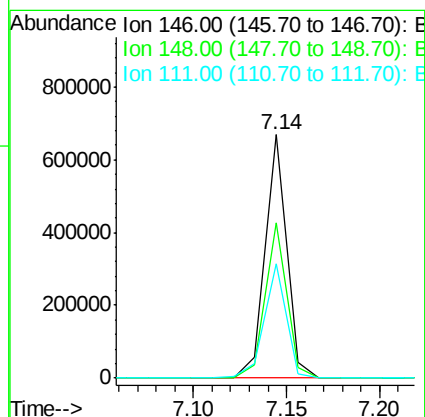
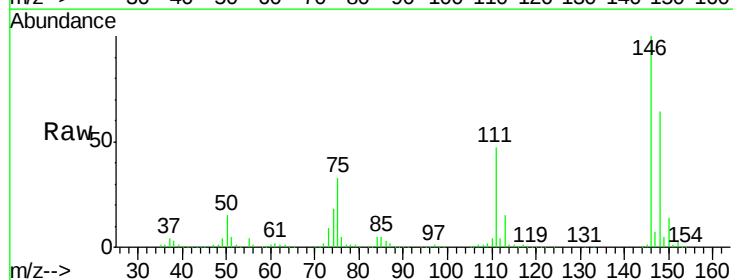
RT: 7.14 min Scan# 425

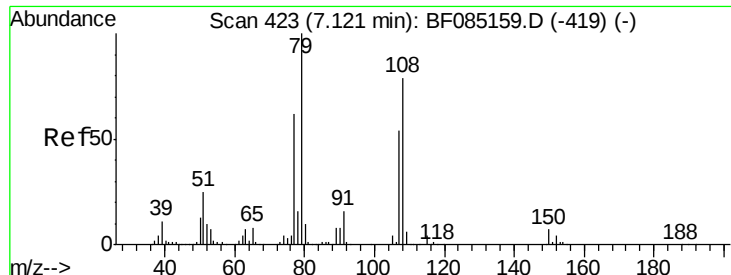
Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Tgt Ion:	146	Resp:	527914
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.2
111	46.8	36.7	55.1





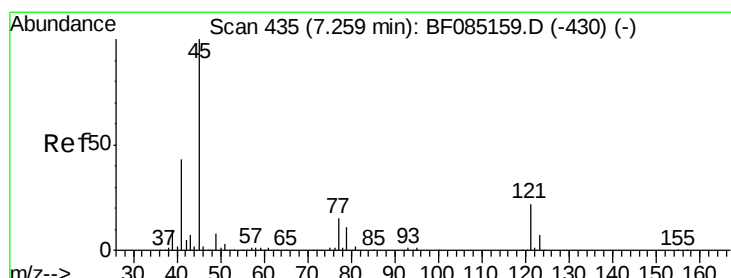
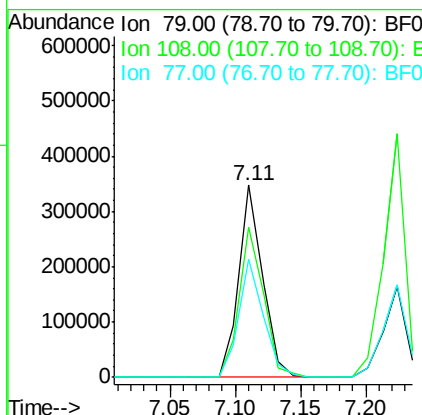
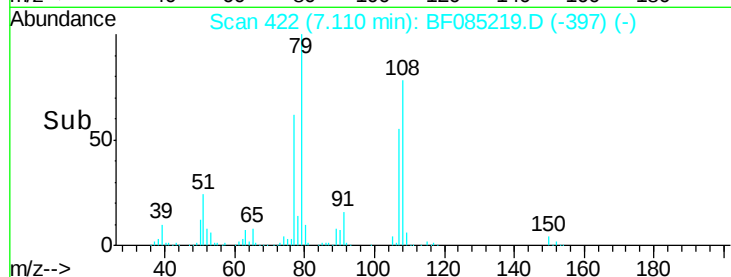
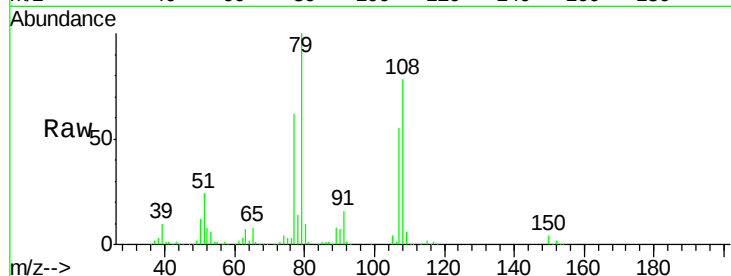
#15
Benzyl Alcohol
Concen: 43.46 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampled :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	62.9	94.3
77	61.6	49.5	74.3

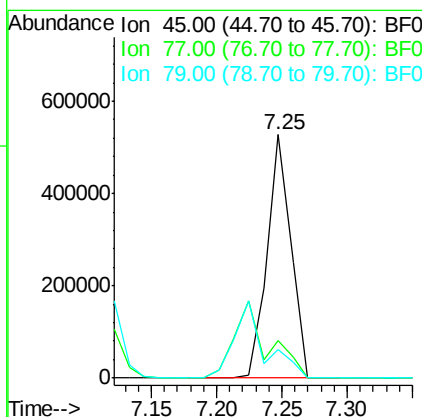
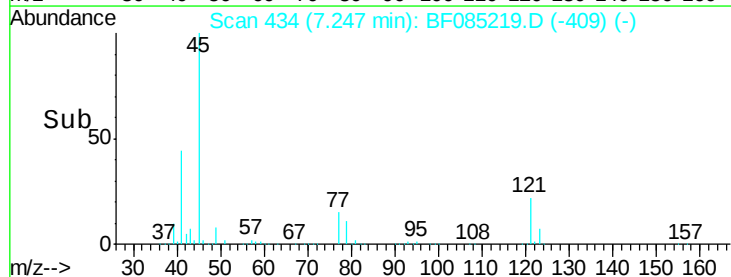
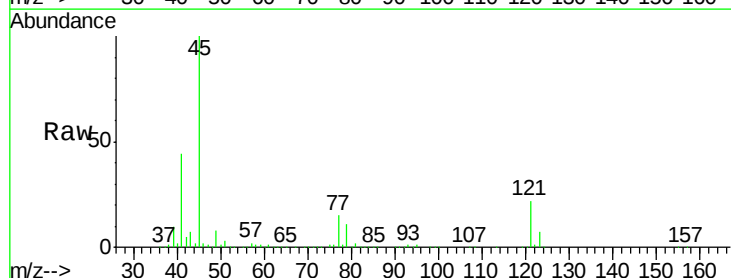
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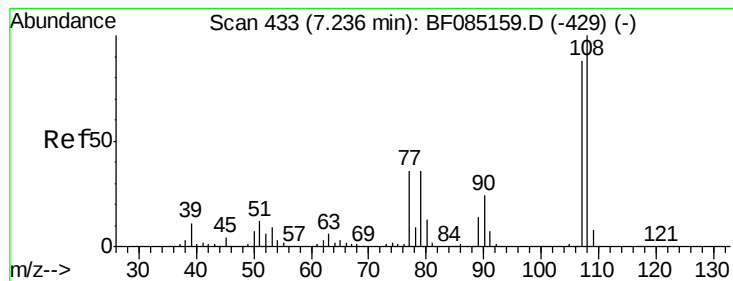
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.88 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.1
79	11.5	0.0	31.3





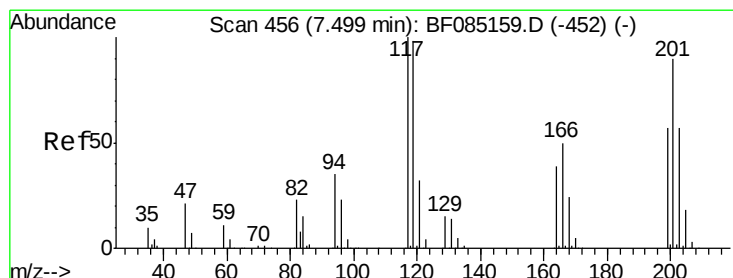
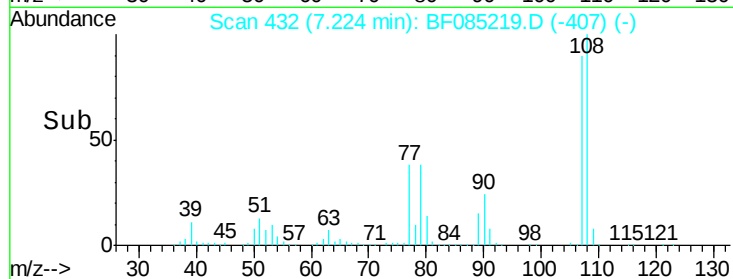
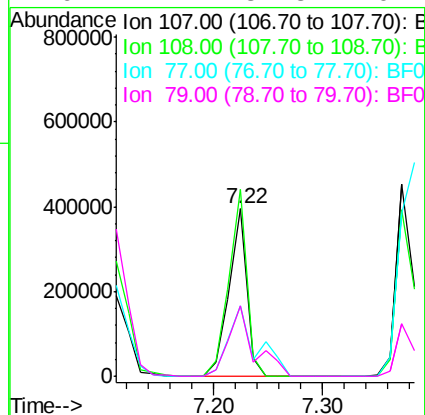
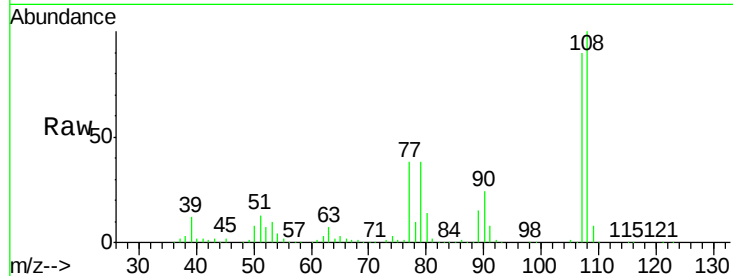
#17
2-Methylphenol
Concen: 43.14 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion:	107	Resp:	447996
Ion Ratio	Lower	Upper	
107	100		
108	111.5	90.9	136.3
77	42.3	32.6	48.8
79	42.1	32.8	49.2

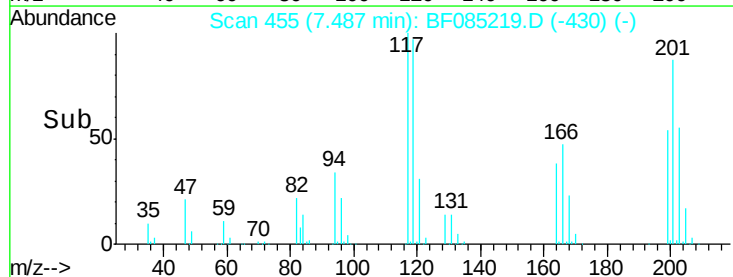
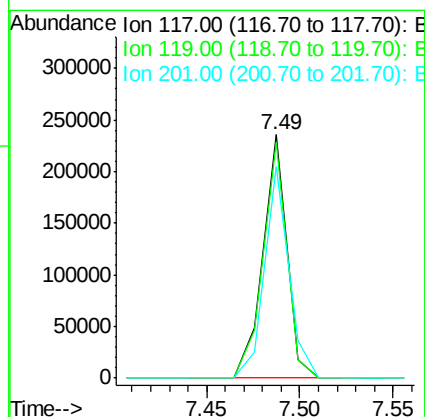
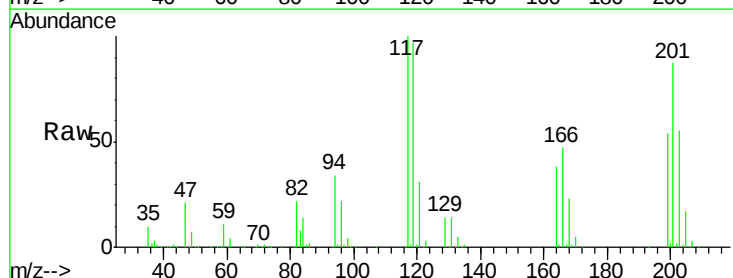
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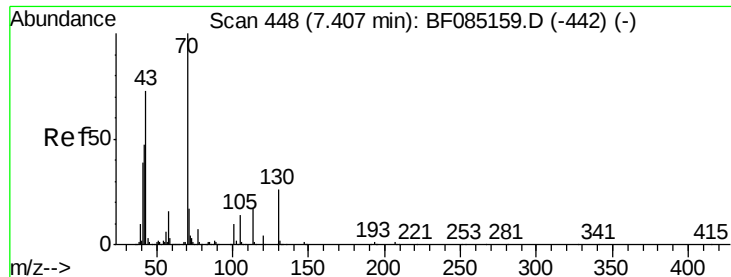
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#18
Hexachloroethane
Concen: 41.08 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion:	117	Resp:	207544
Ion Ratio	Lower	Upper	
117	100		
119	97.1	78.2	117.4
201	87.1	72.0	108.0





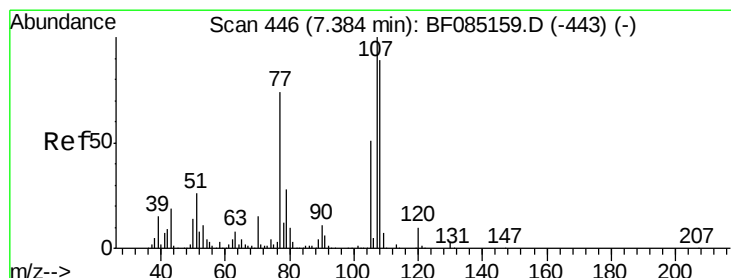
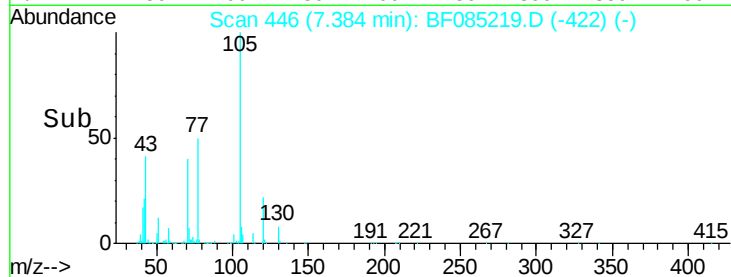
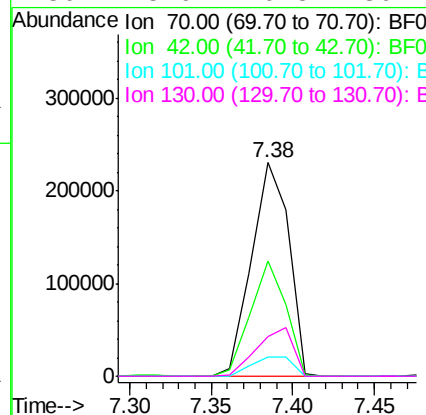
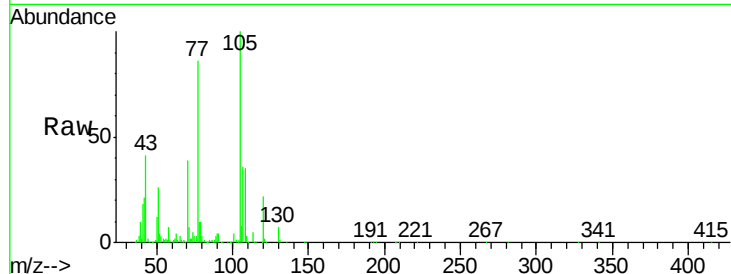
#19
n-Nitroso-di-n-propylamine
Concen: 40.44 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		365019		
42	54.0	37.7	56.5		
101	9.2	8.2	12.4		
130	18.9	20.5	30.7#		

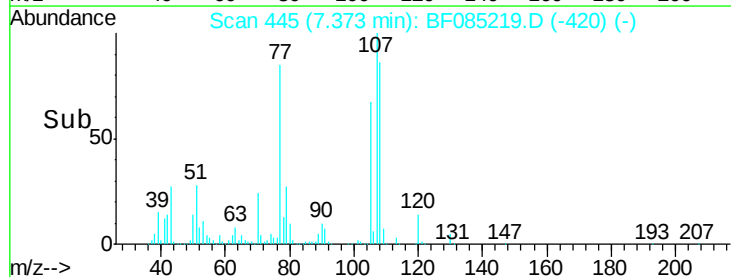
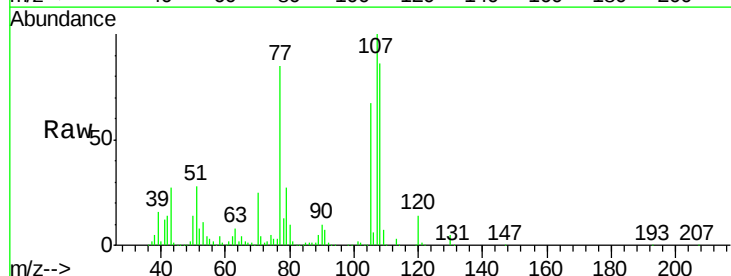
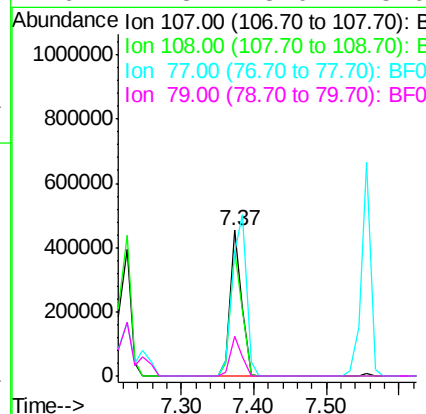
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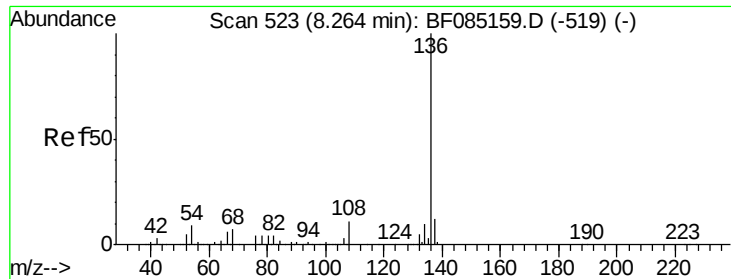
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#20
3+4-Methylphenols
Concen: 40.42 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		497244		
108	86.5	68.8	108.8		
77	85.0	53.6	93.6		
79	27.3	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: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

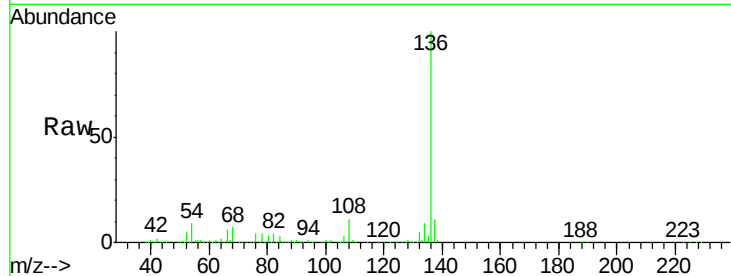
ClientSampleId :

ELP-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		689876		
137	11.2		9.3	13.9	
54	9.2		7.4	11.2	
68	7.4		6.0	9.0	

Manual Integrations
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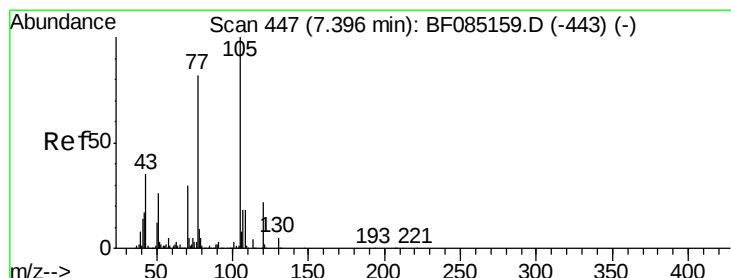
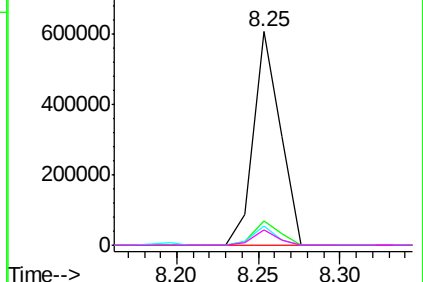
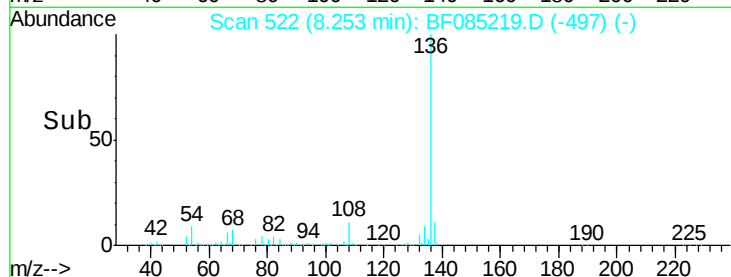
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 40.77 ng

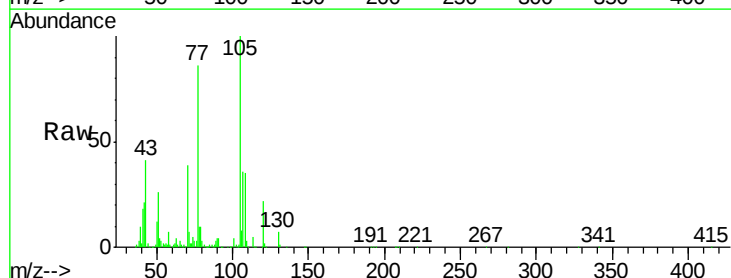
RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		686444		
71	6.7		4.1	6.1#	
51	26.4		21.1	31.7	
120	21.7		17.3	25.9	



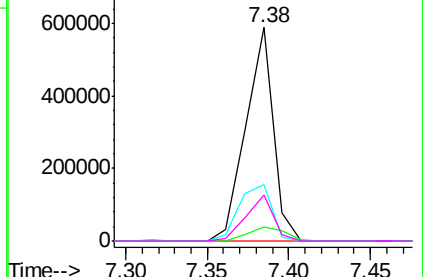
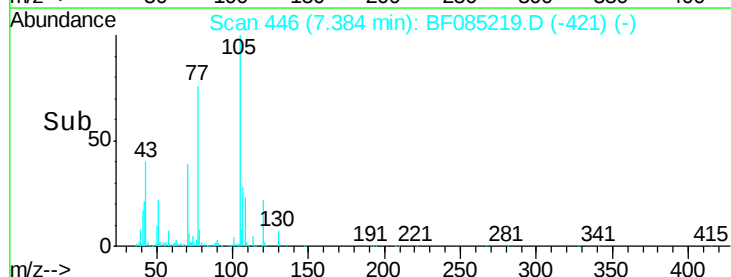
Abundance Ion 105.00 (104.70 to 105.70): E

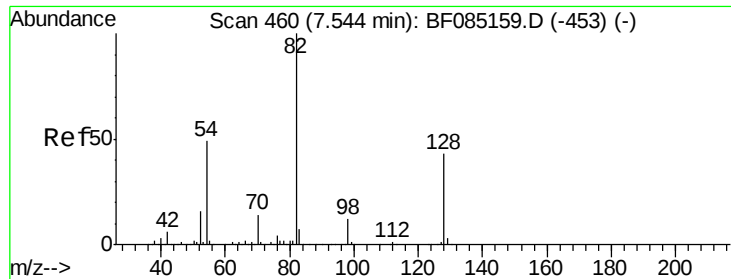
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->





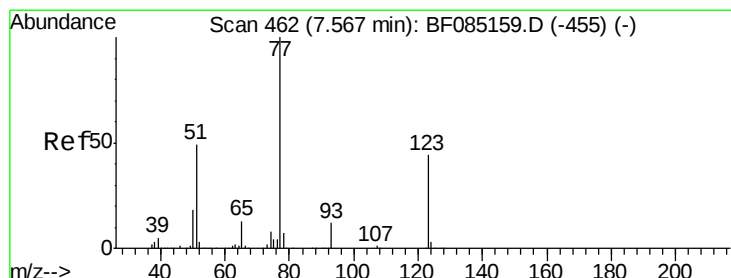
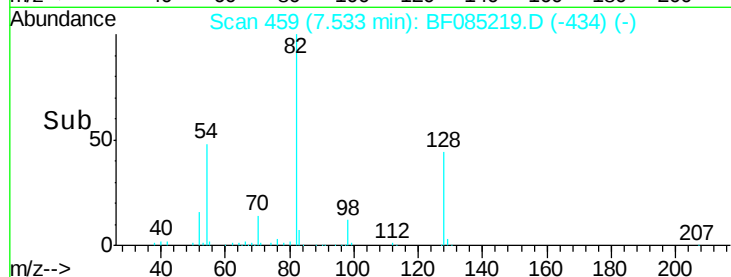
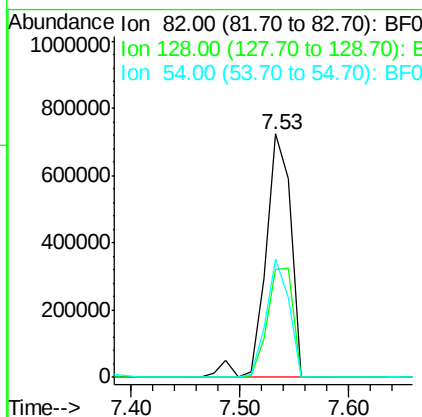
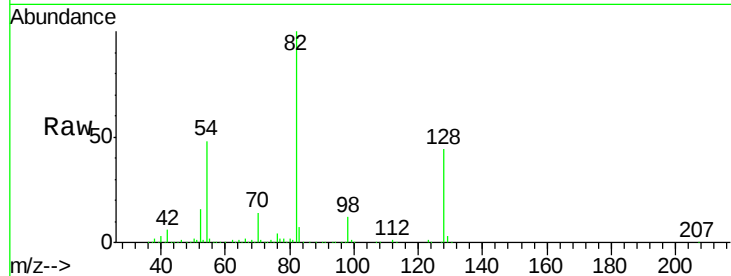
#23
Nitrobenzene-d5
Concen: 90.26 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampled :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.5	51.7
54	48.5	39.3	58.9

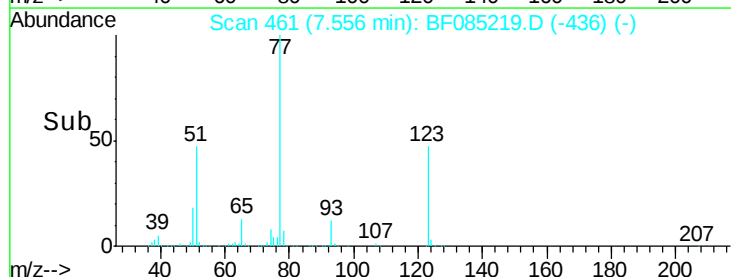
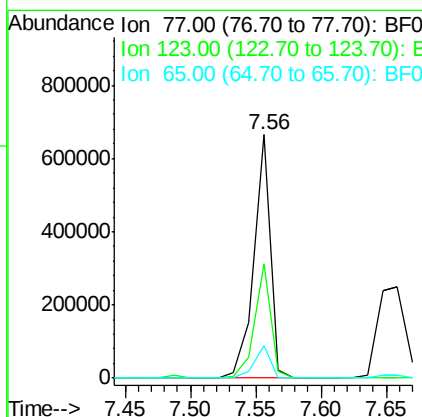
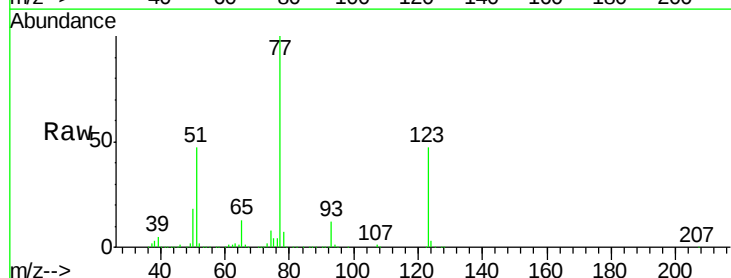
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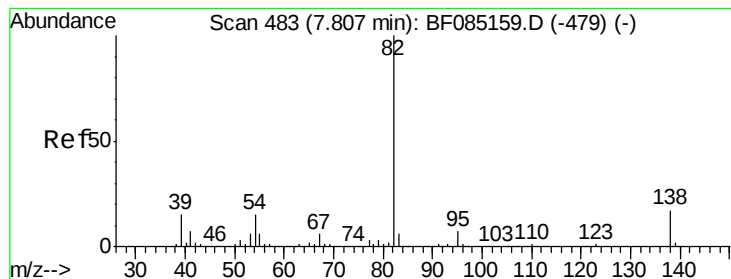
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#24
Nitrobenzene
Concen: 44.63 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.4	53.2
65	13.4	10.6	16.0





#25

Isophorone

Concen: 43.19 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

ELP-7MS

Tot Ion: 82 Resp: 1031814

Ion Ratio Lower Upper

82 100

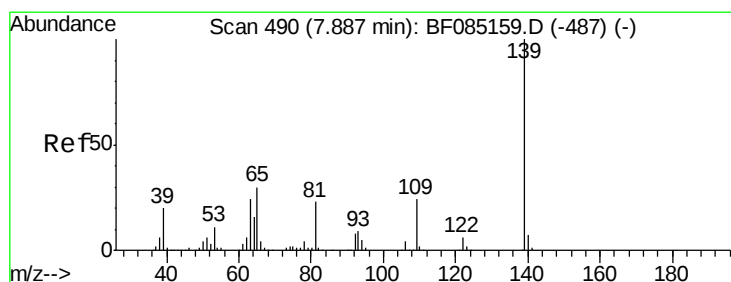
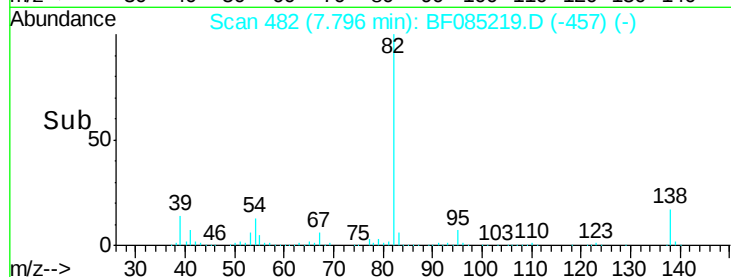
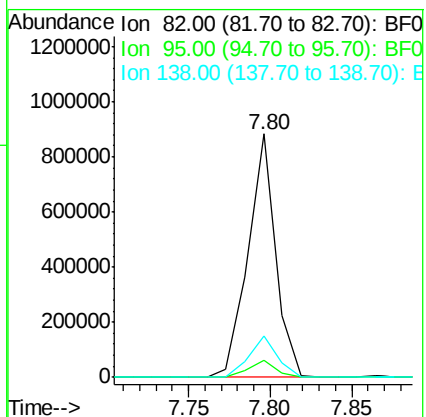
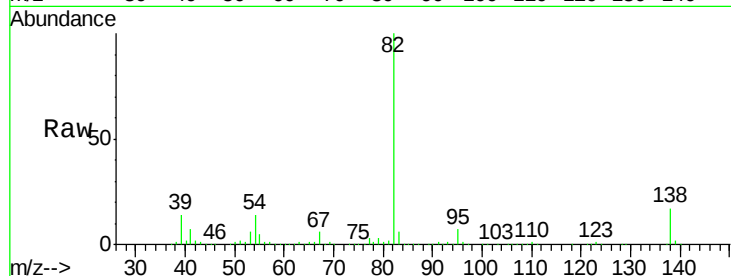
95 6.9 5.4 8.2

138 16.9 13.3 19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.84 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

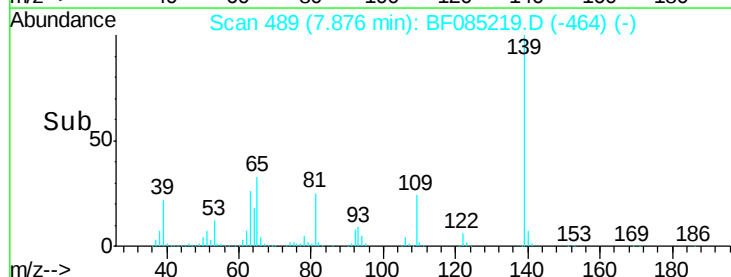
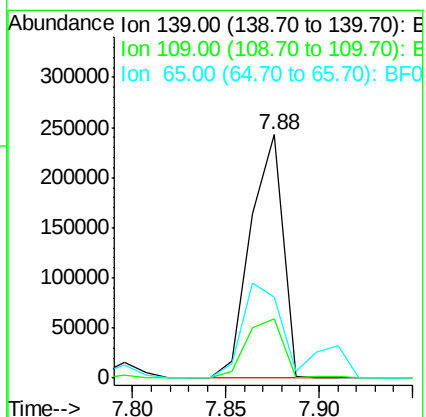
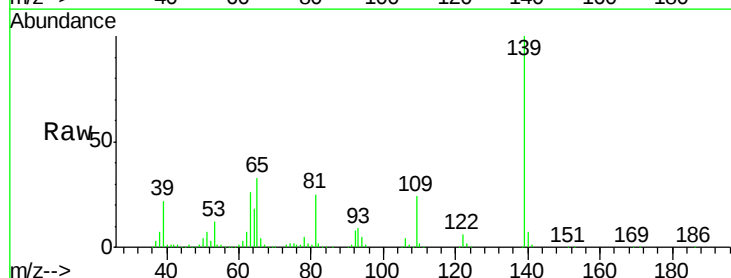
Tgt Ion: 139 Resp: 292169

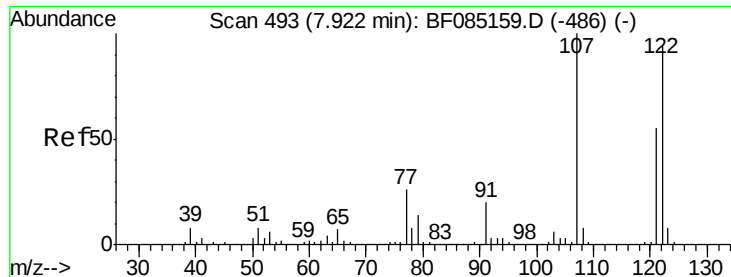
Ion Ratio Lower Upper

139 100

109 24.4 19.1 28.7

65 33.0 23.9 35.9





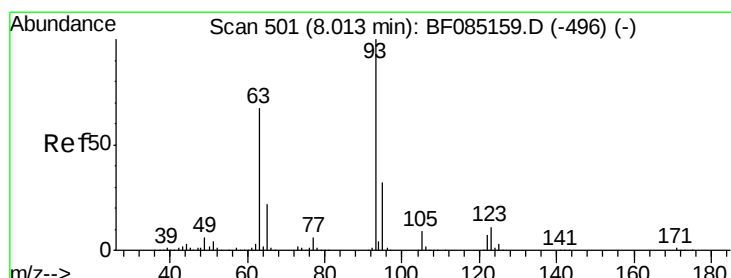
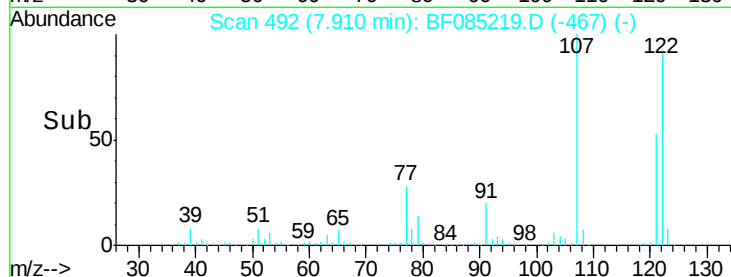
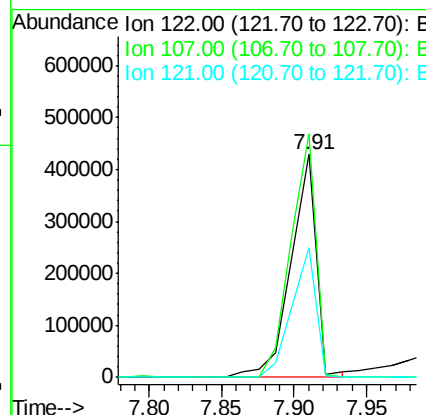
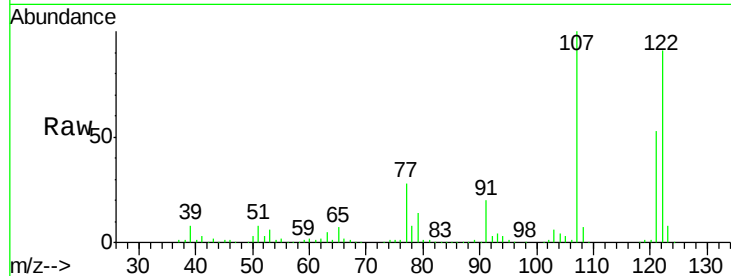
#27
2,4-Dimethylphenol
Concen: 44.69 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	520514		
107	109.4	84.8	127.2	
121	58.4	47.0	70.6	

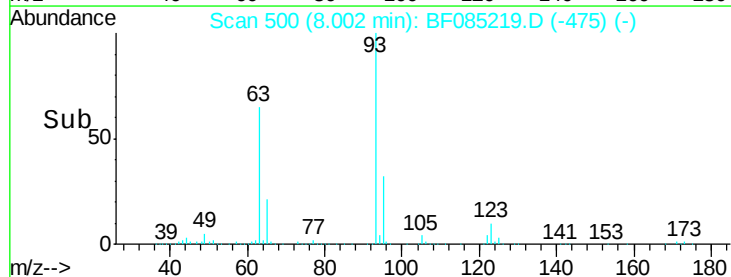
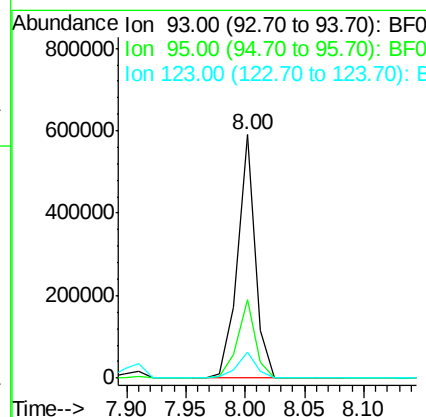
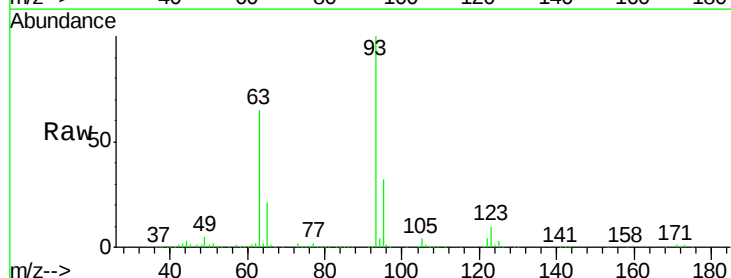
Manual Integrations
APPROVED

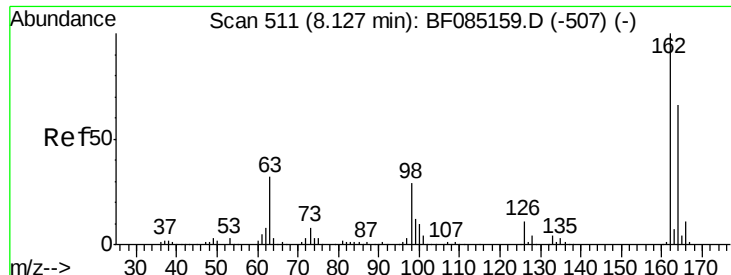
UMANGI
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#28
bis(2-Chloroethoxy)methane
Concen: 45.76 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	608841		
95	32.4	25.9	38.9	
123	10.5	8.8	13.2	





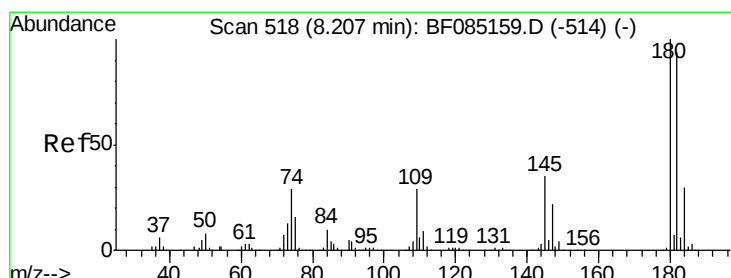
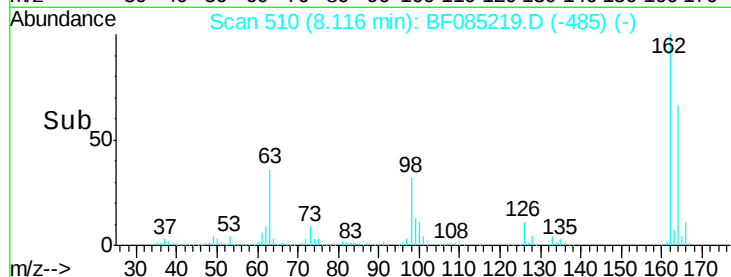
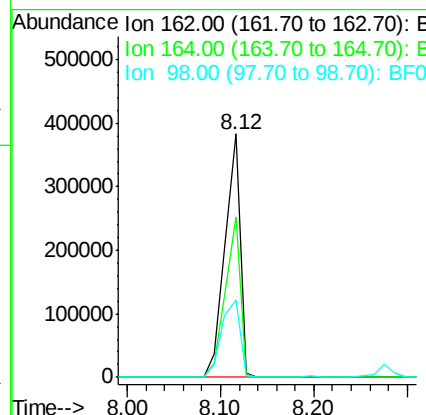
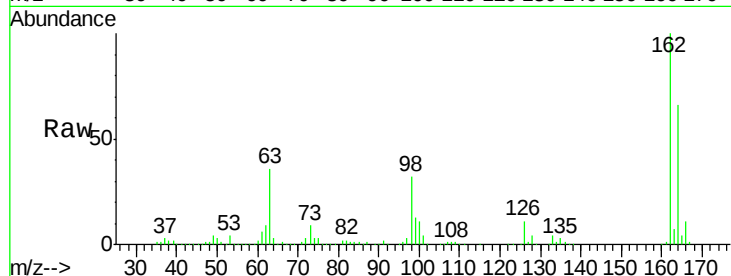
#29
 2,4-Dichlorophenol
 Concen: 46.28 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleID :
 ELP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	434681		
164	65.9	45.7	85.7	
98	31.8	9.4	49.4	

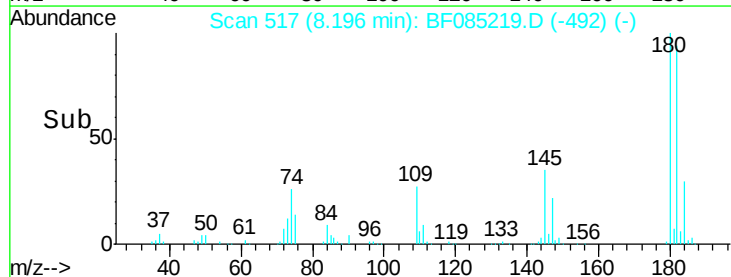
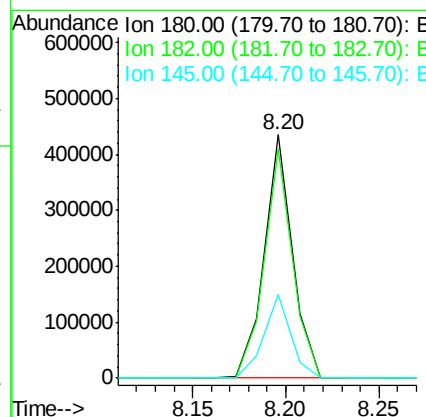
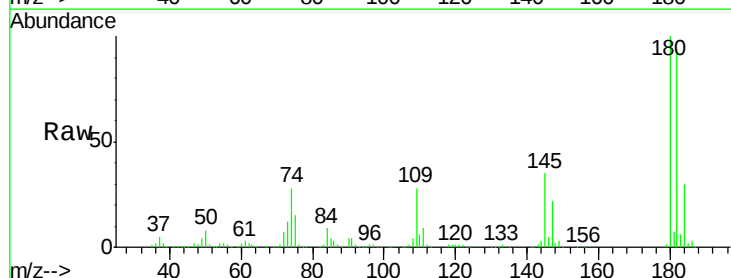
Manual Integrations
 APPROVED

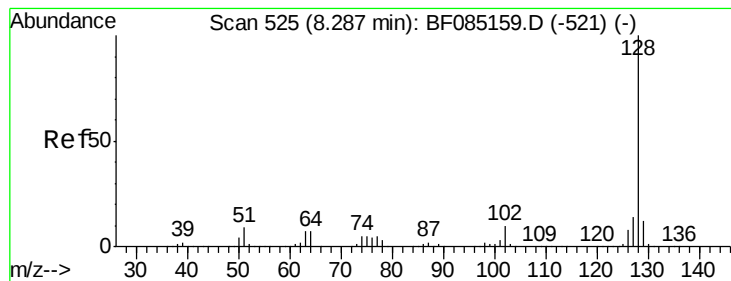
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.48 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	451675		
182	94.0	74.9	112.3	
145	34.5	27.9	41.9	





#31

Naphthalene

Concen: 45.53 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

ELP-7MS

Tot Ion:128 Resp: 1544390

Ion Ratio Lower Upper

128 100

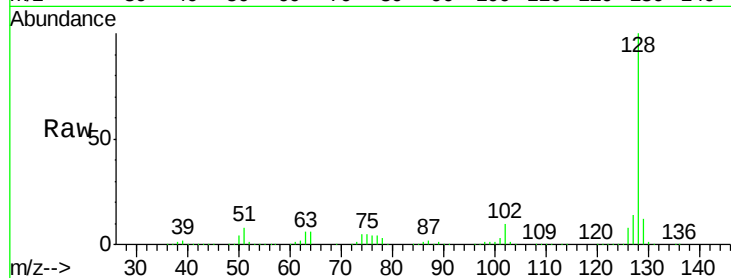
129 11.8 9.7 14.5

127 13.7 11.2 16.8

Manual Integrations
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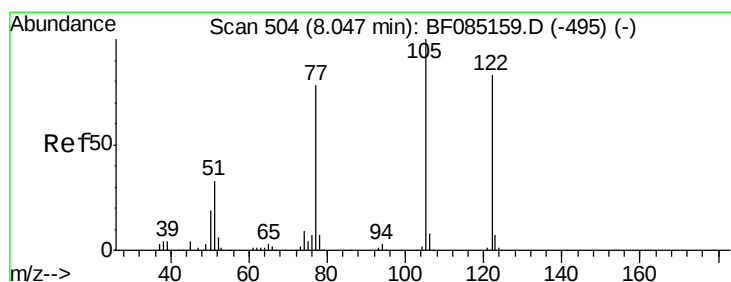
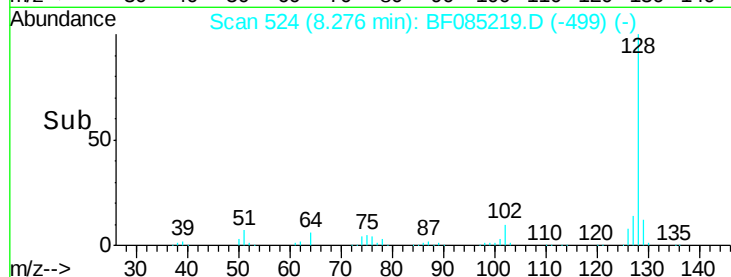
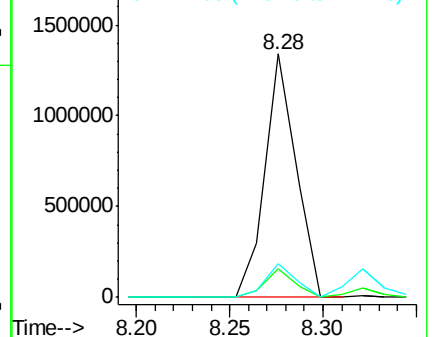
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.40 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

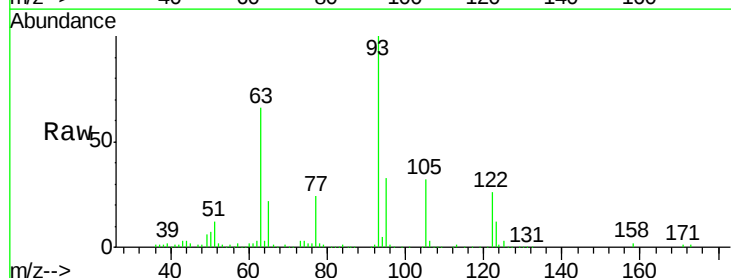
Tgt Ion:122 Resp: 111426

Ion Ratio Lower Upper

122 100

105 123.2 101.3 141.3

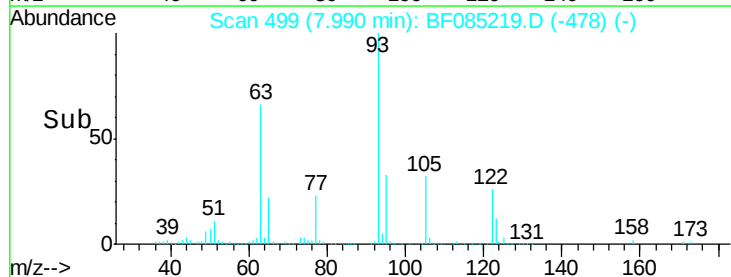
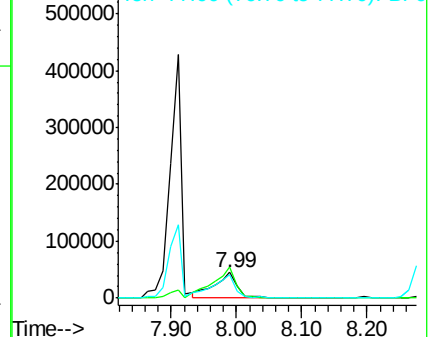
77 90.9 74.7 114.7

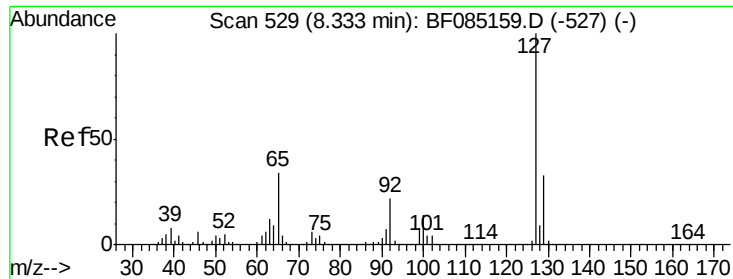


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





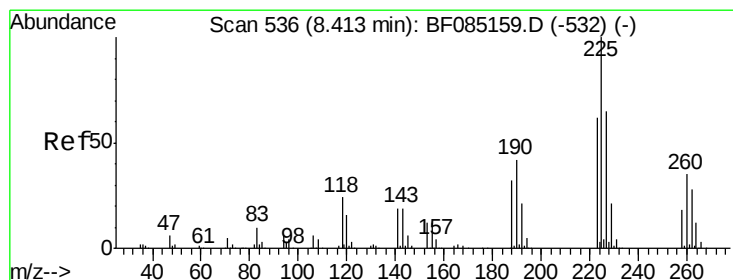
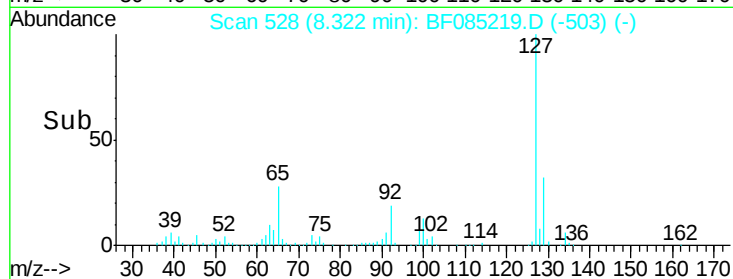
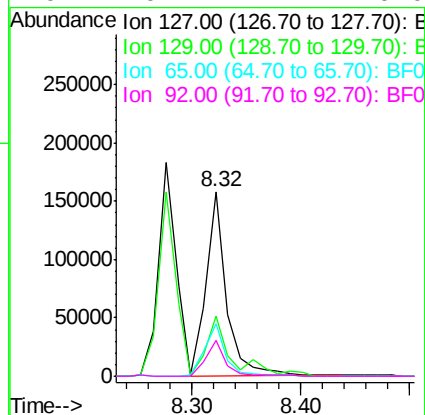
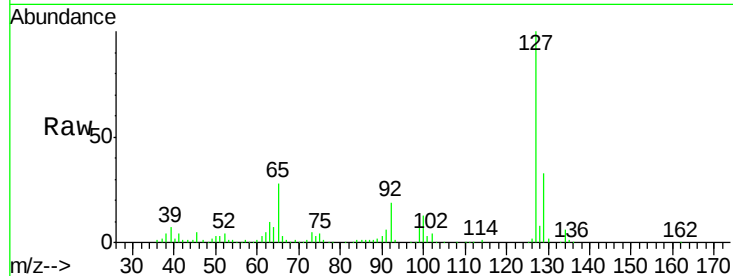
#33
4-Chloroaniline
Concen: 15.20 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	28.3	27.0	40.6		
92	19.1	17.4	26.0		

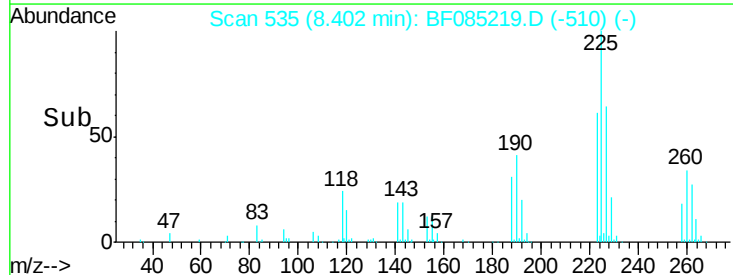
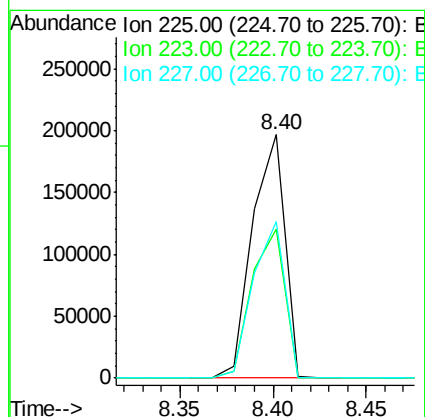
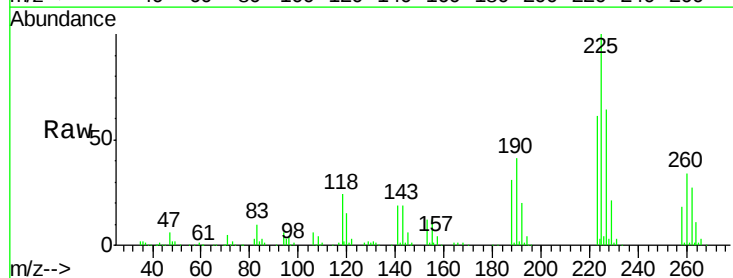
Manual Integrations
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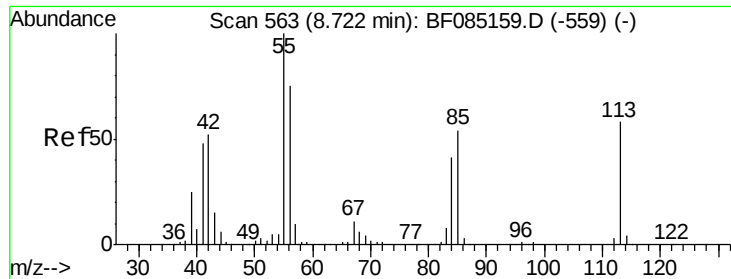
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#34
Hexachlorobutadiene
Concen: 44.67 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	49.7	74.5		
227	64.4	52.2	78.4		





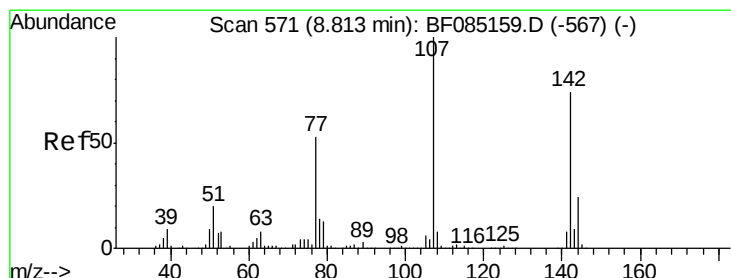
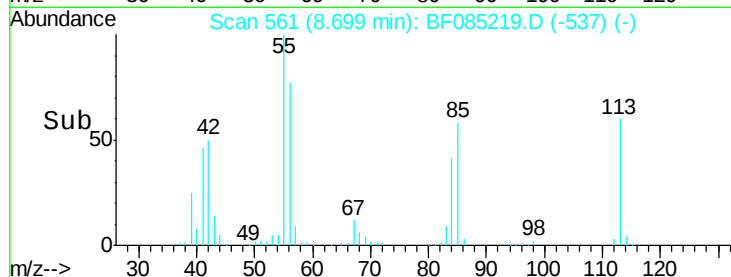
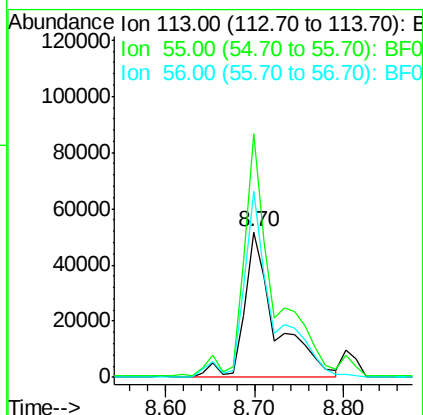
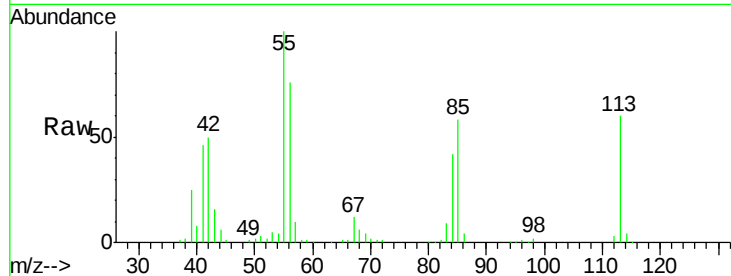
#35
 Caprolactam
 Concen: 41.61 ng/ml
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleID :
 ELP-7MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.2	152.7	192.7
56	127.5	109.0	149.0

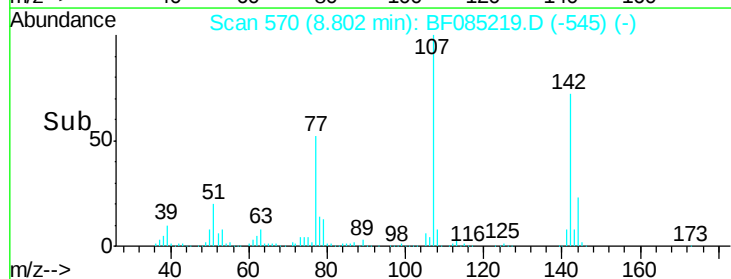
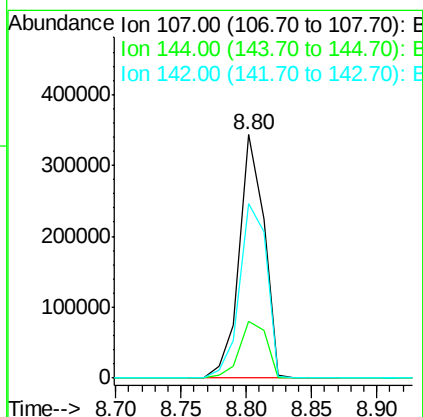
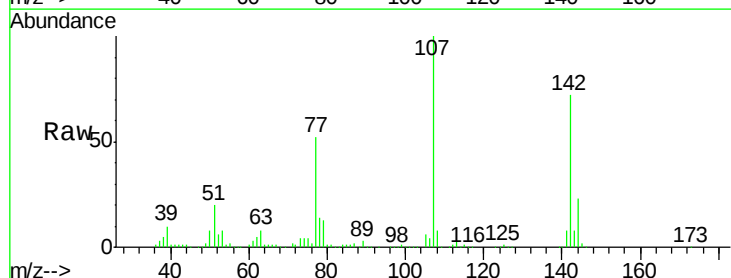
Manual Integrations
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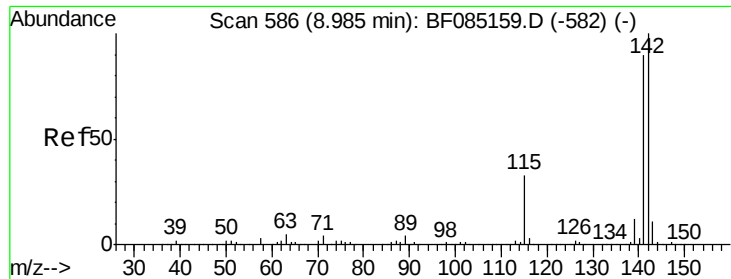
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#36
 4-Chloro-3-methylphenol
 Concen: 42.82 ng/ml
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.4	29.2
142	71.9	59.4	89.2





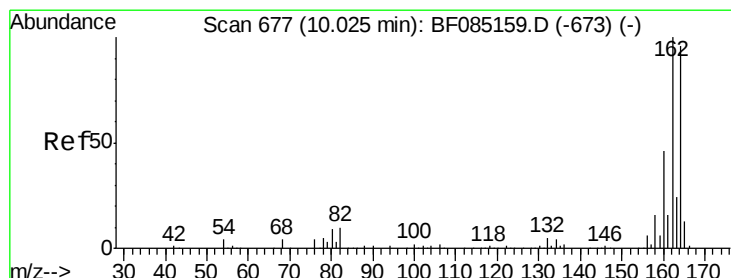
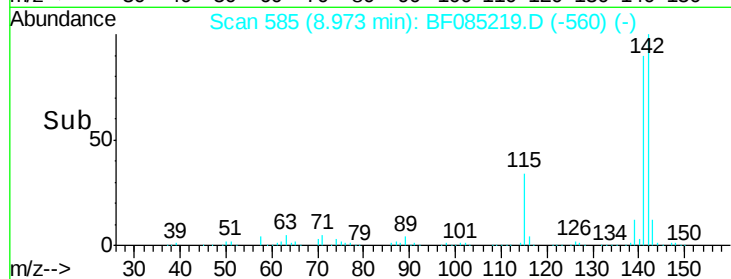
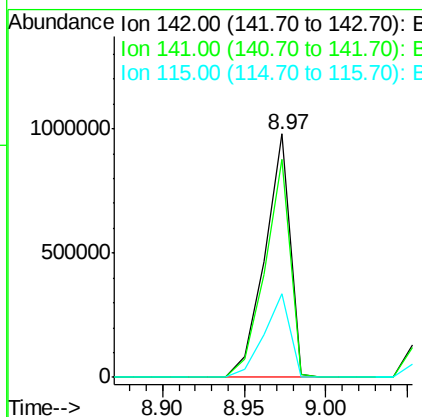
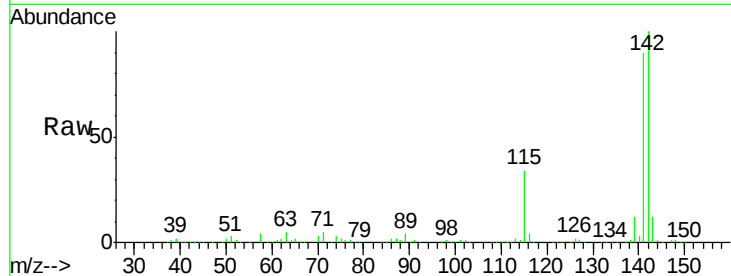
#37
2-Methylnaphthalene
Concen: 48.54 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	34.4	26.2	39.4

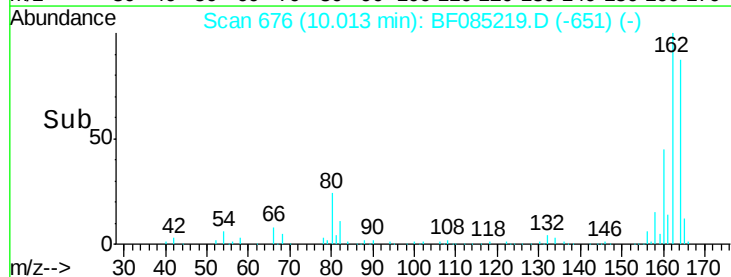
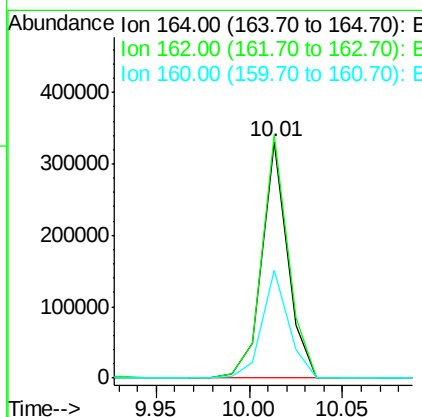
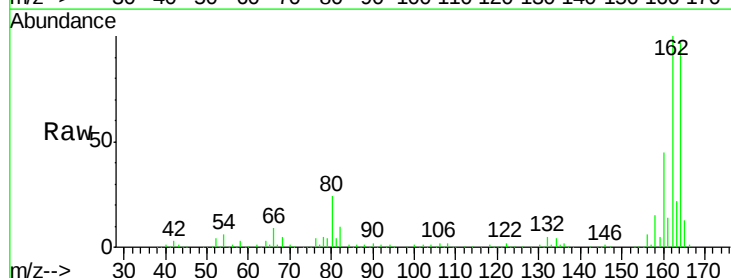
Manual Integrations
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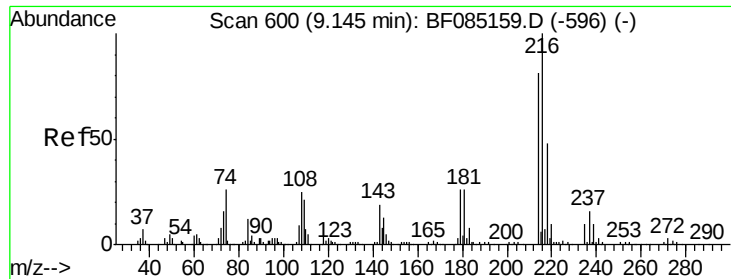
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.3	124.9
160	46.0	37.9	56.9





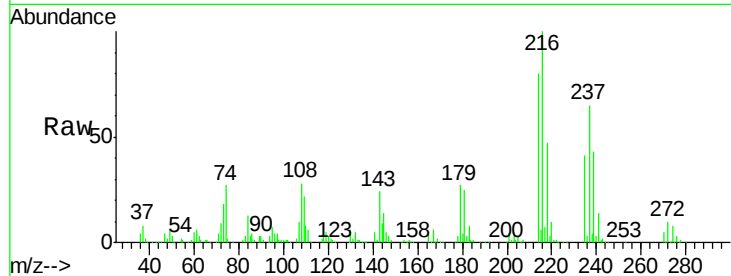
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.02 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

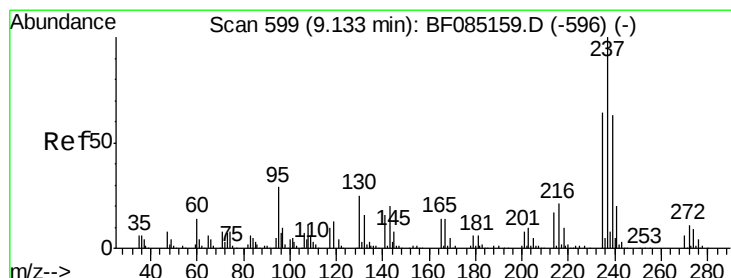
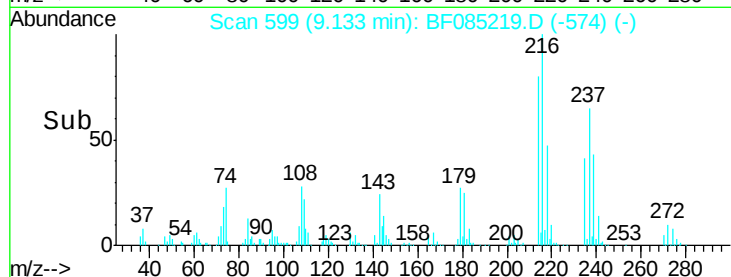
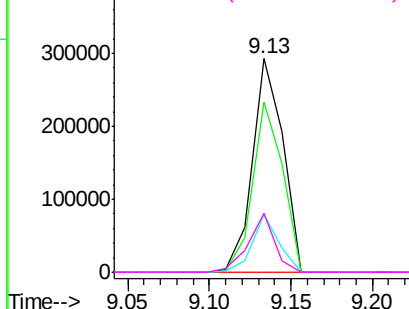
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		377083		
214	78.3	63.8	95.6		
179	23.4	19.6	29.4		
108	24.2	19.6	29.4		

Manual Integrations
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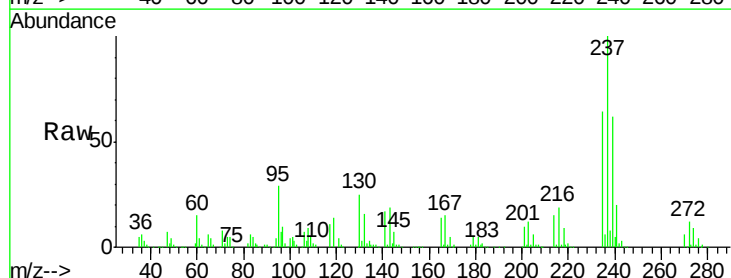


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

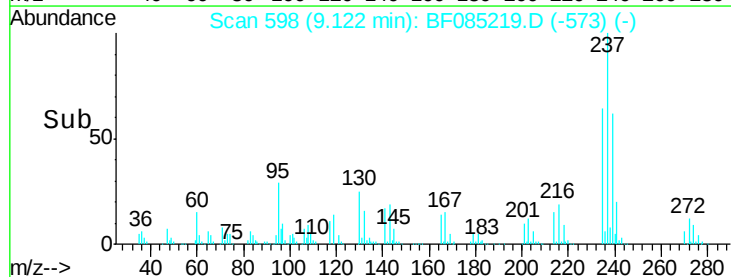
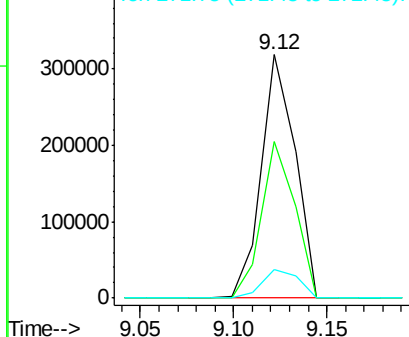


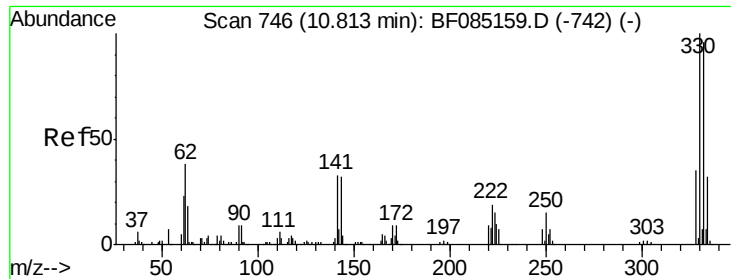
#40
 Hexachlorocyclopentadiene
 Concen: 82.27 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		398205		
235	64.1	43.7	83.7		
272	11.5	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





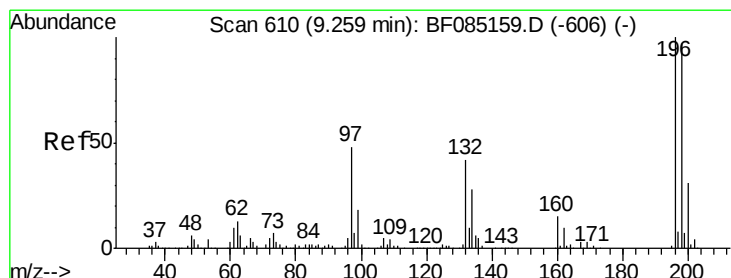
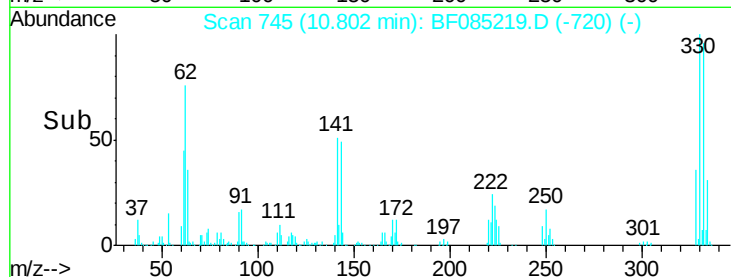
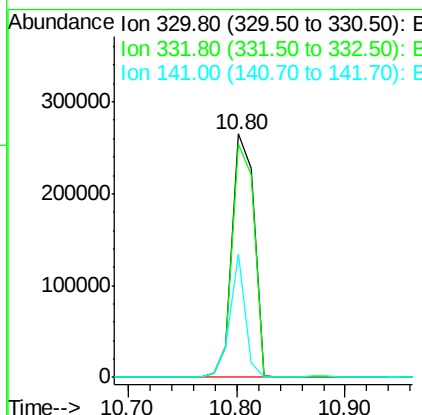
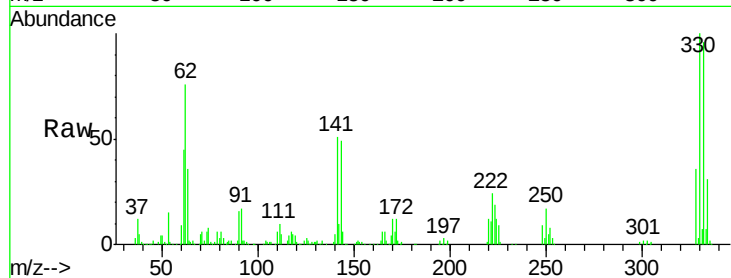
#41
 2,4,6-Tribromophenol
 Concen: 136.60 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	366776		
332	96.4		77.1	115.7
141	35.9		35.0	52.6

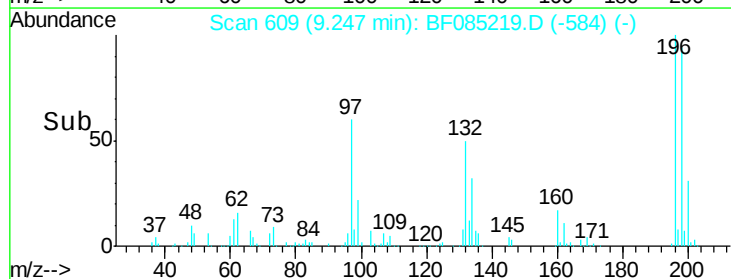
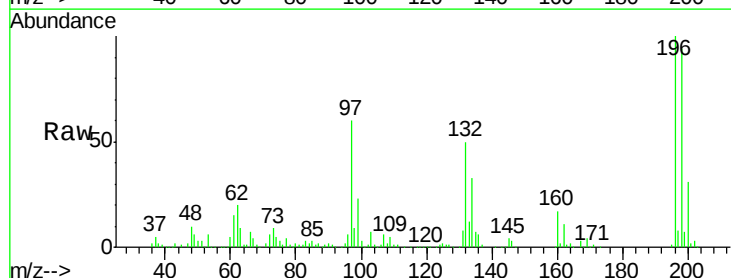
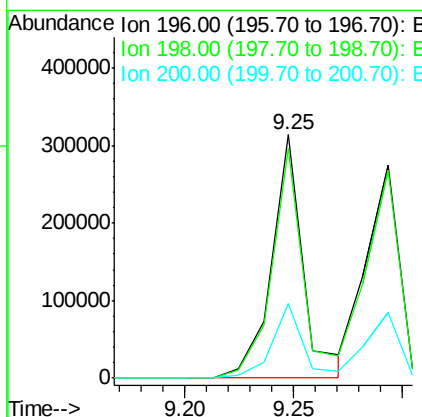
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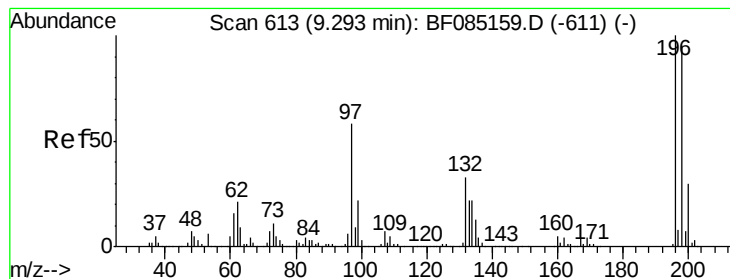
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#42
 2,4,6-Trichlorophenol
 Concen: 47.47 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317115		
198	94.1		77.8	116.6
200	30.5		25.0	37.6





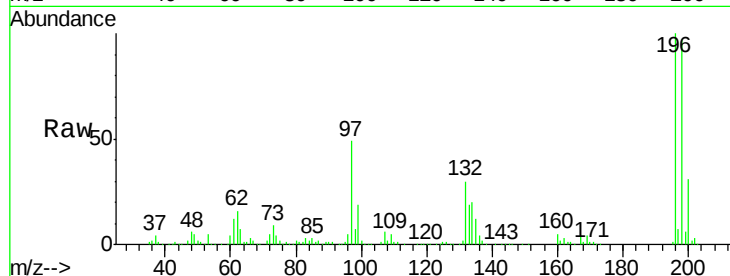
#43
 2,4,5-Trichlorophenol
 Concen: 45.52 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

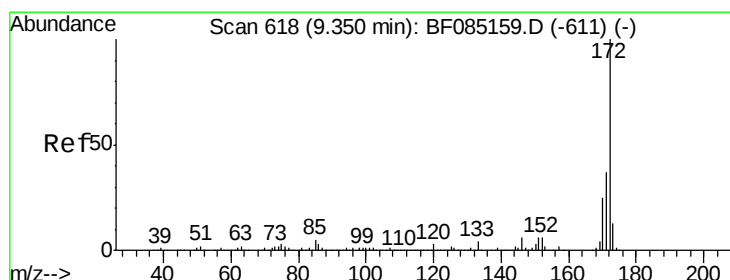
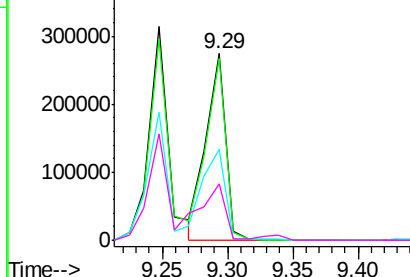
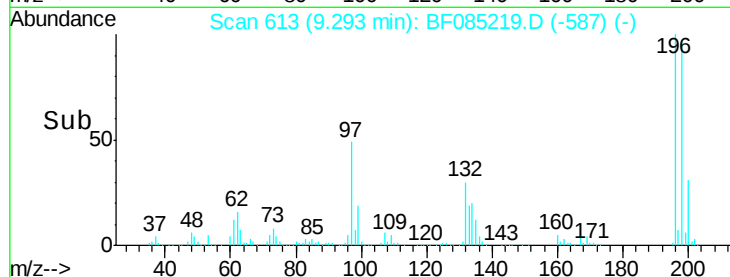
Tot Ion	Ratio	Resp	Lower	Upper
196	100	288318		
198	97.4	75.7	113.5	
97	48.8	46.4	69.6	
132	29.9	26.2	39.4	

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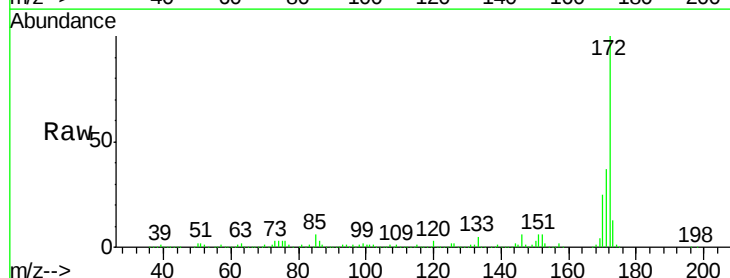


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

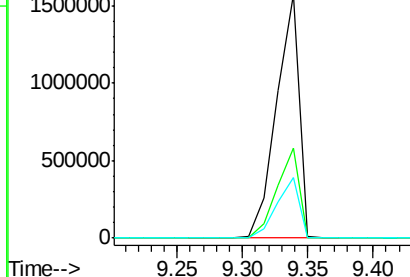
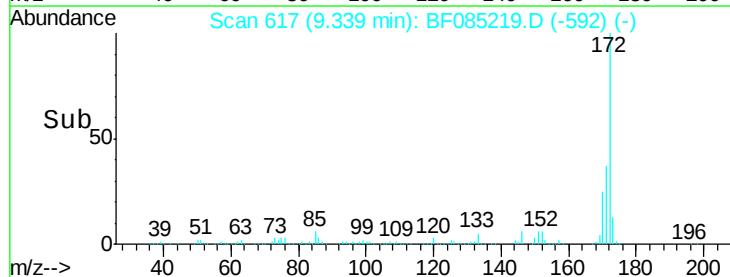


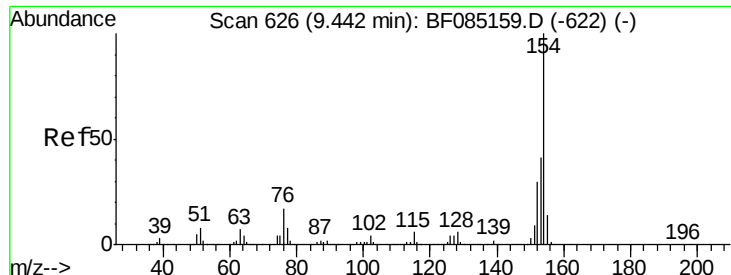
#44
 2-Fluorobiphenyl
 Concen: 93.28 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1924683		
171	36.9	29.3	43.9	
170	25.0	20.0	30.0	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





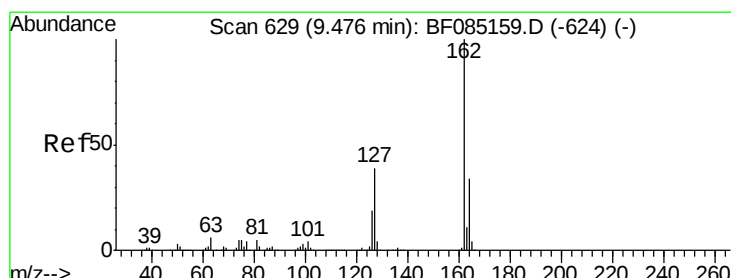
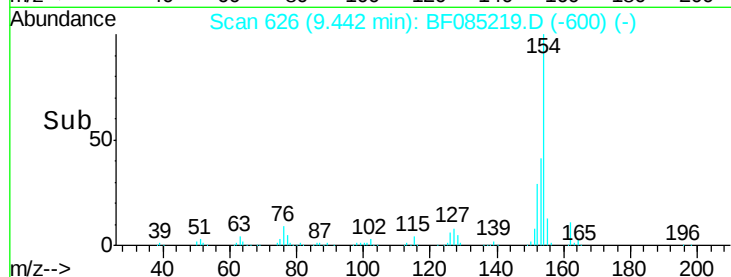
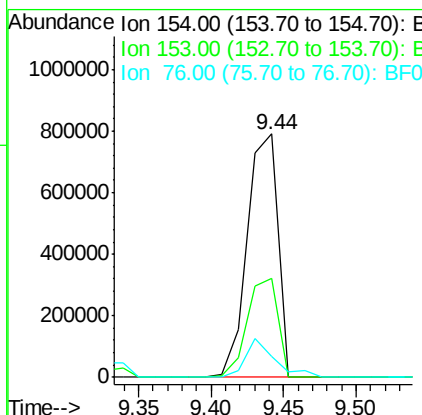
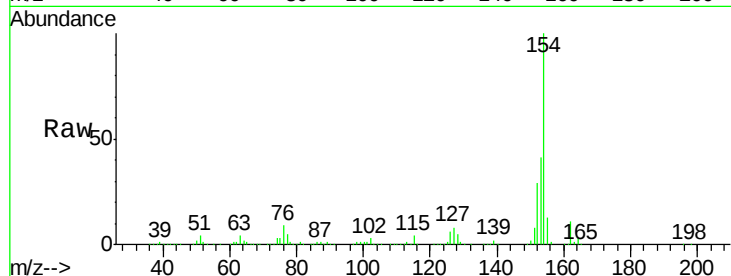
#45
 1,1'-Biphenyl
 Concen: 43.14 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	8.6	0.0	37.5

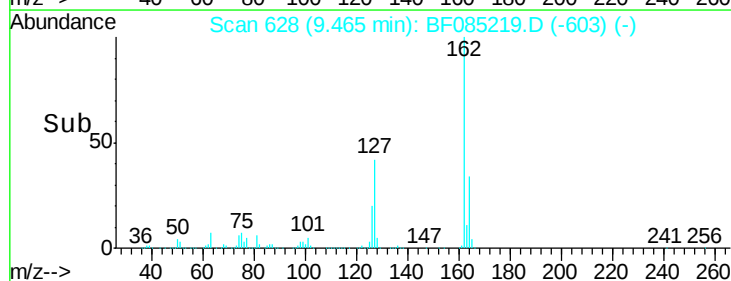
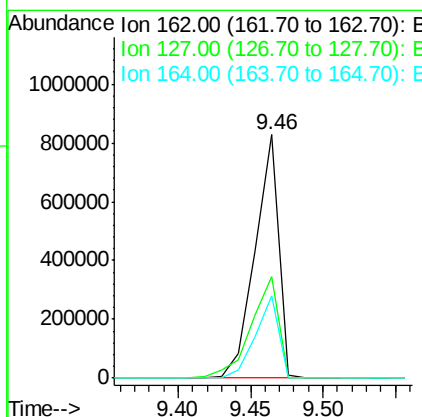
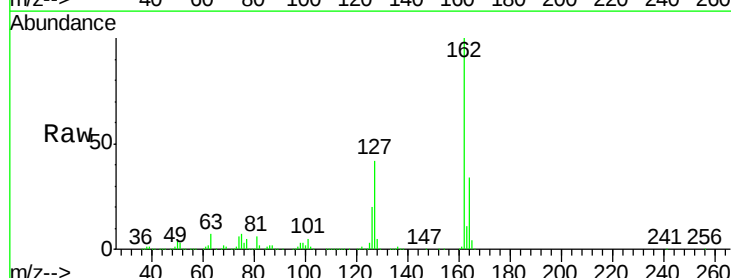
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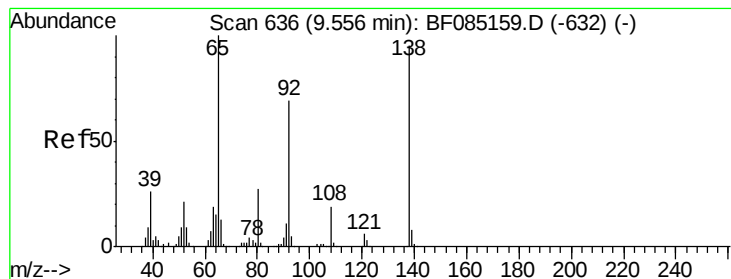
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#46
 2-Chloronaphthalene
 Concen: 45.65 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.6	47.4
164	33.8	27.1	40.7





#47

2-Nitroaniline

Concen: 49.59 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

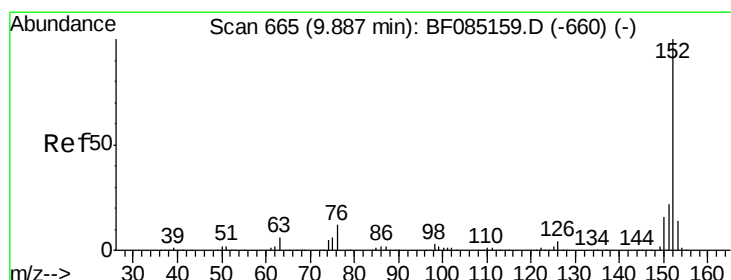
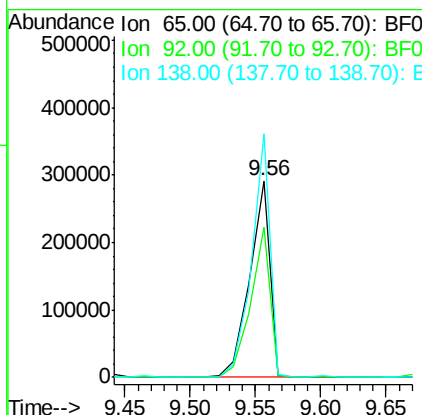
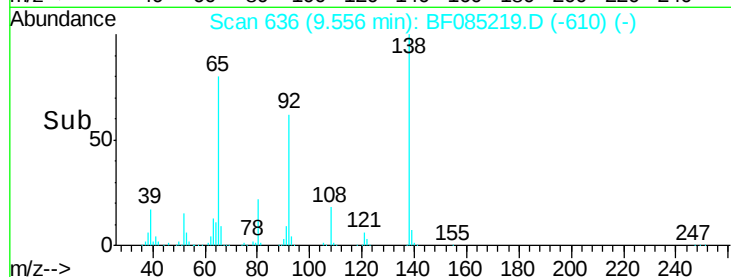
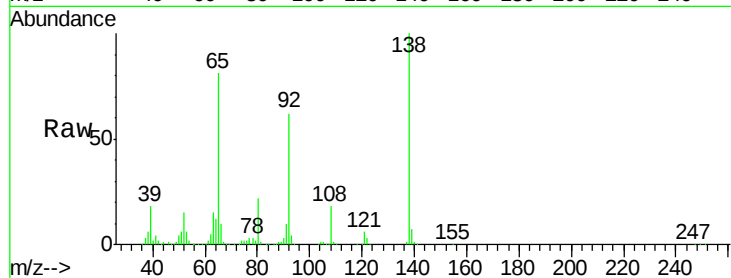
ClientSampleId :

ELP-7MS

Tot Ion:	65	Resp:	314050
Ion Ratio	Lower	Upper	
65	100		
92	76.2	55.4	83.2
138	123.8	75.7	113.5#

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#48

Acenaphthylene

Concen: 42.31 ng

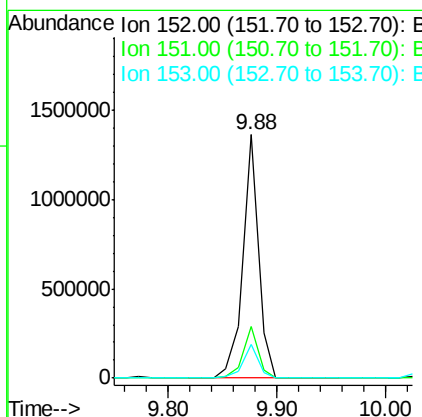
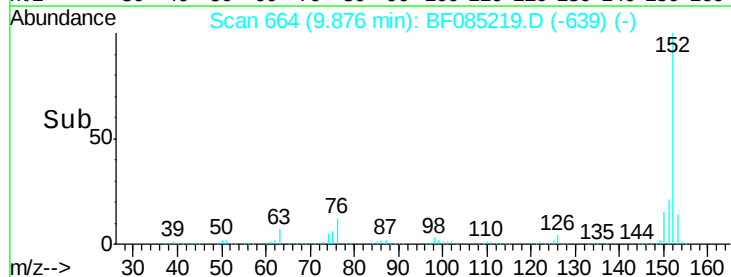
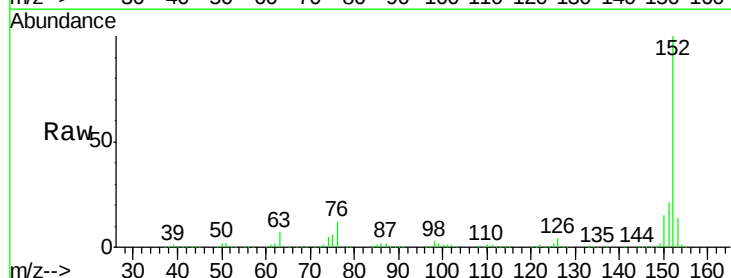
RT: 9.88 min Scan# 664

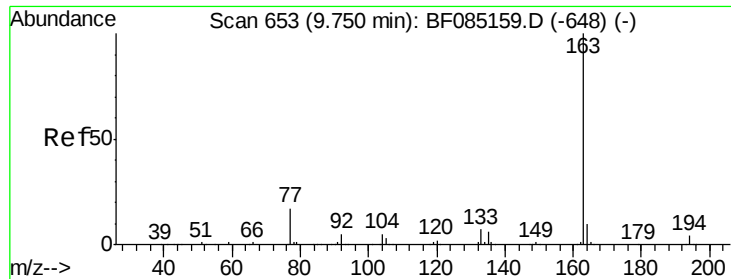
Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Tgt Ion:	152	Resp:	1345809
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.5	26.3
153	13.8	11.3	16.9





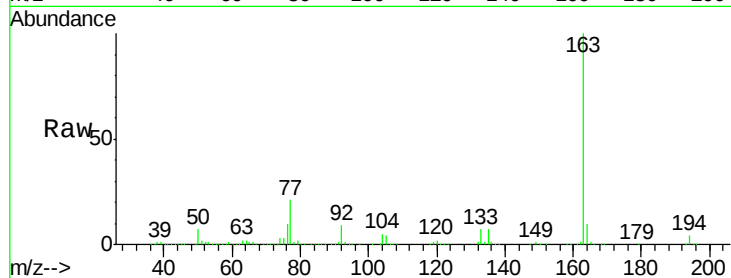
#49
Dimethylphthalate
Concen: 47.93 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

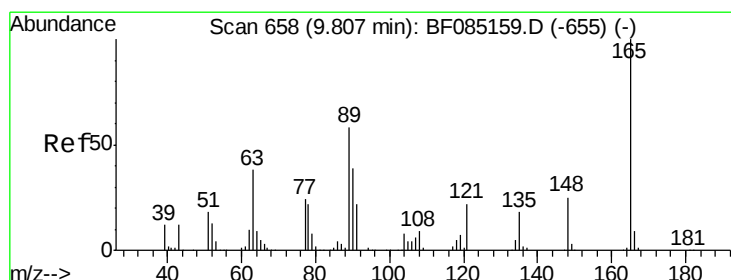
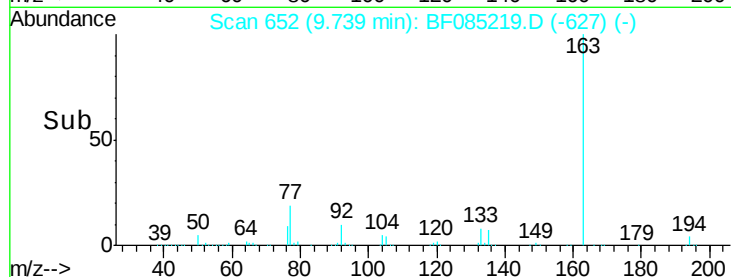
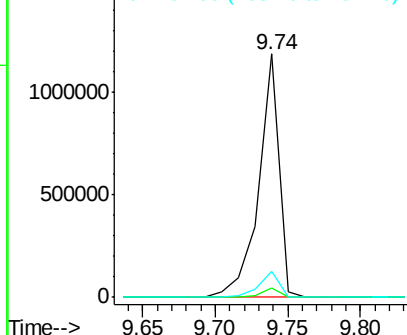
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.5	8.2	12.4

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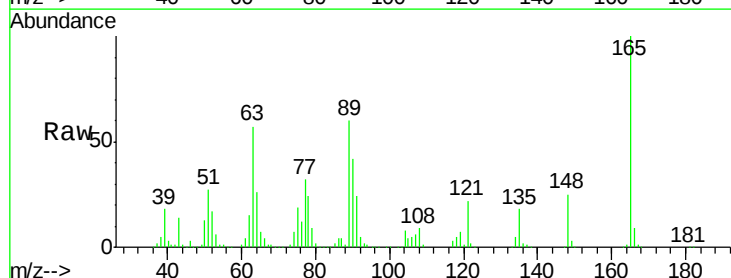


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

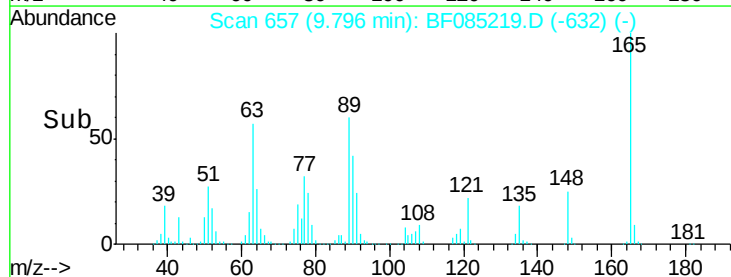
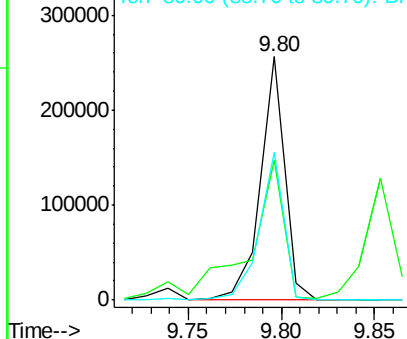


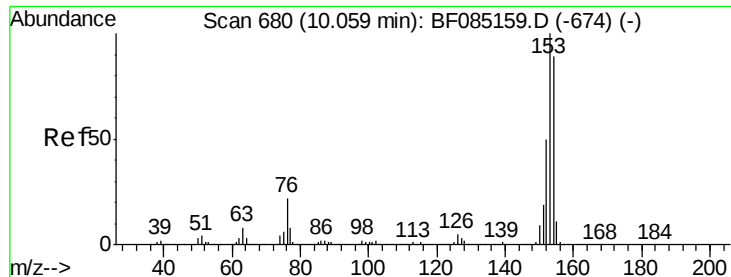
#50
2,6-Dinitrotoluene
Concen: 44.46 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.4	41.8	62.8
89	60.4	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: 41.85 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

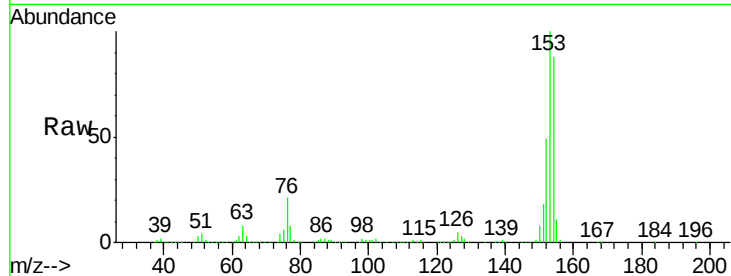
ClientSampleId :

ELP-7MS

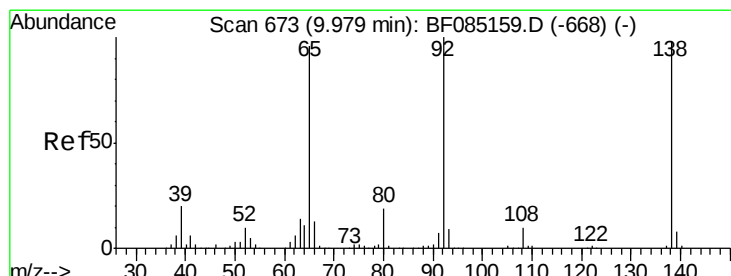
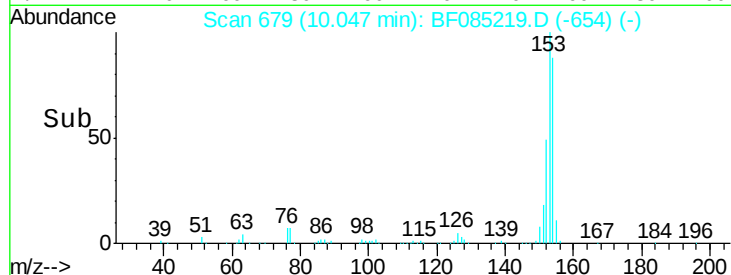
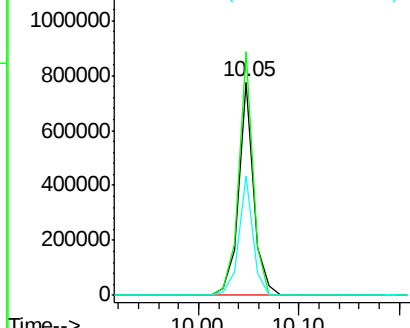
Tot Ion:	154	Resp:	808179
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.8
152	56.0	44.6	66.8

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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: 31.16 ng

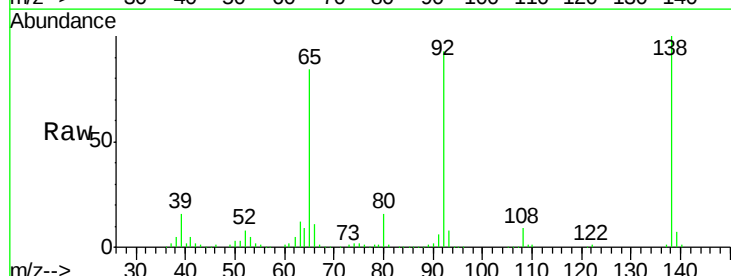
RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

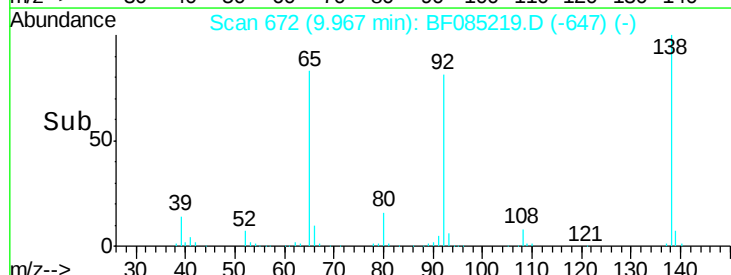
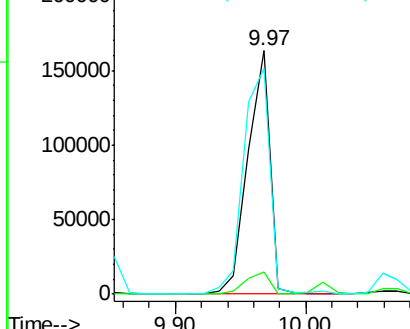
Lab File: BF085219.D

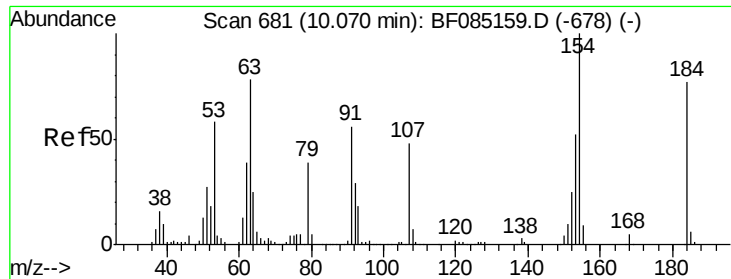
Acq: 4 Mar 2016 22:57

Tgt Ion:	138	Resp:	192060
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	92.9	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





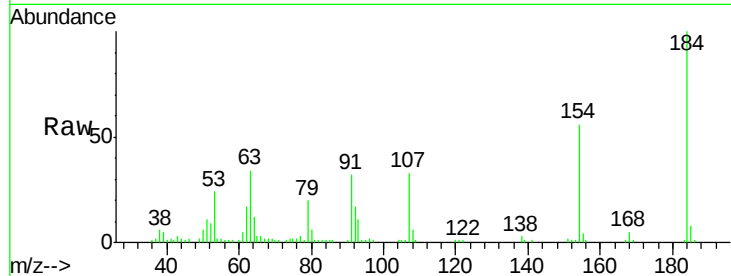
#53
2,4-Dinitrophenol
Concen: 30.76 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampled :
ELP-7MS

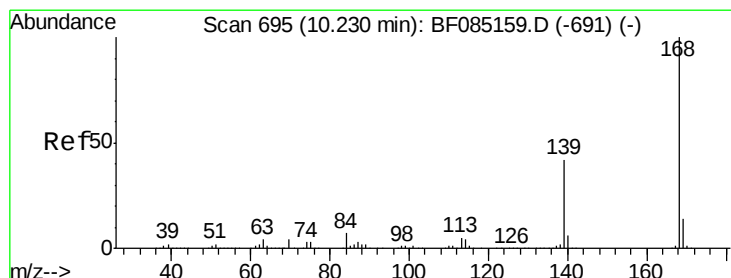
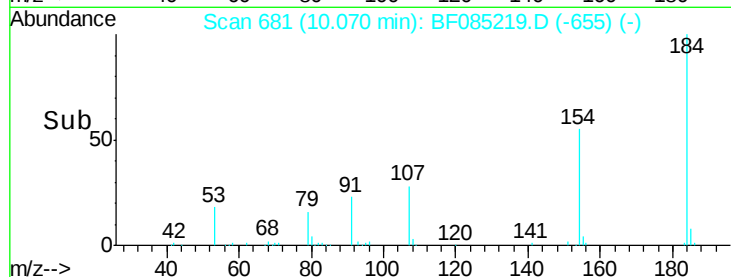
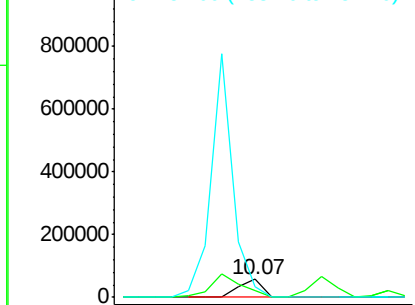
Tot Ion	Ratio	Lower	Upper
184	100		
63	34.1	82.2	123.4#
154	55.7	108.9	163.3#

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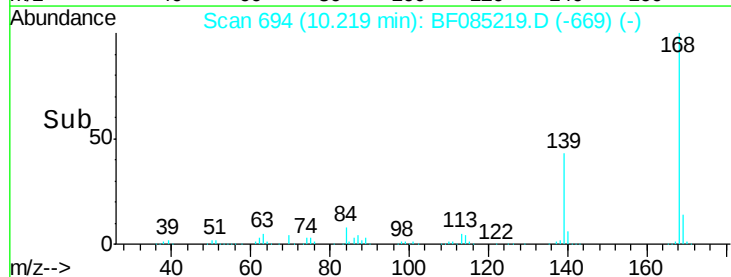
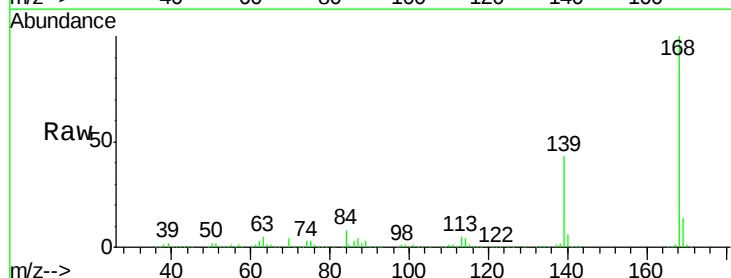
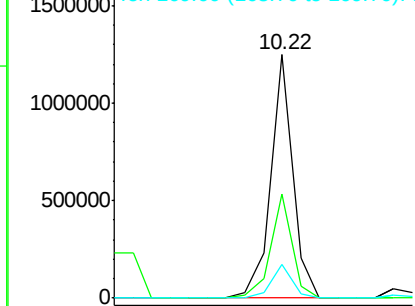
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

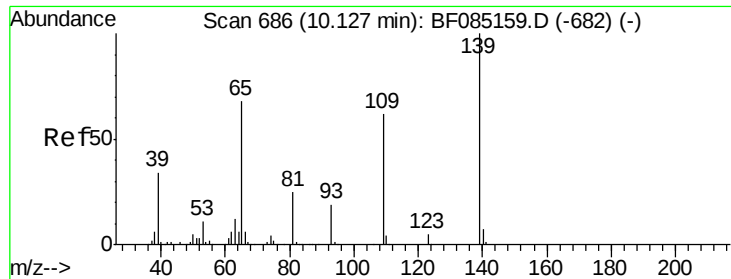


#54
Dibenzofuran
Concen: 46.49 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	33.6	50.4
169	14.0	11.2	16.8

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.60 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

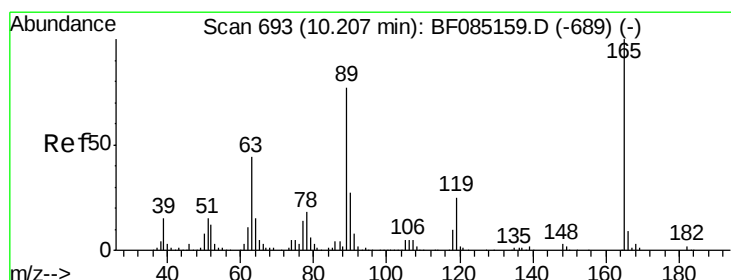
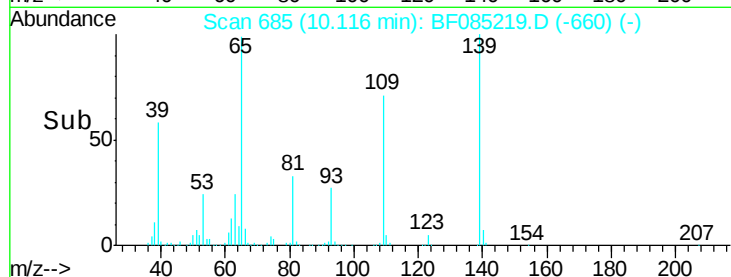
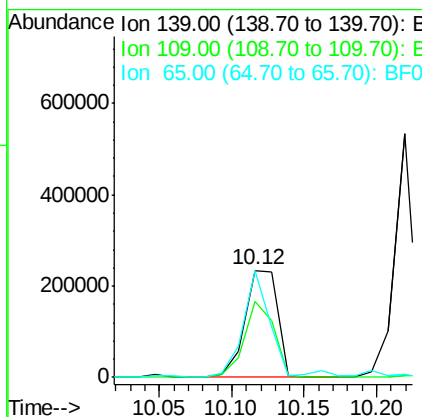
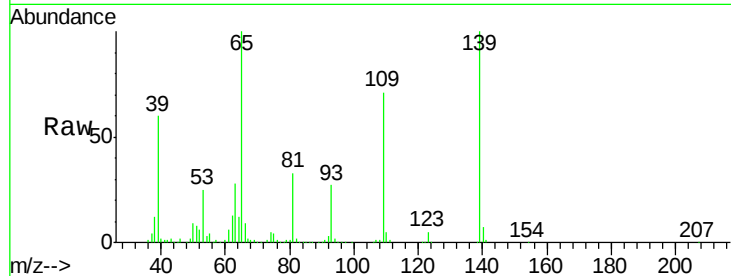
ClientSampled :

ELP-7MS

Tot Ion:	139	Resp:	366254
Ion Ratio	Lower	Upper	
139	100		
109	71.0	41.9	81.9
65	99.6	48.3	88.3#

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#56

2,4-Dinitrotoluene

Concen: 44.15 ng

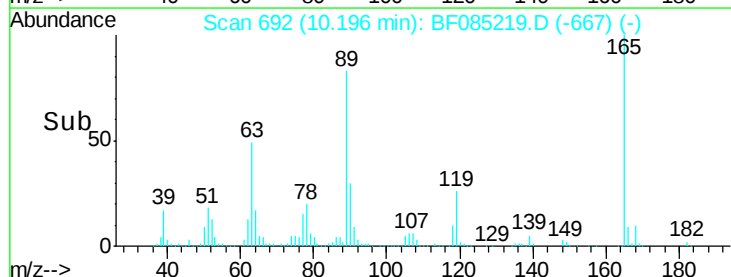
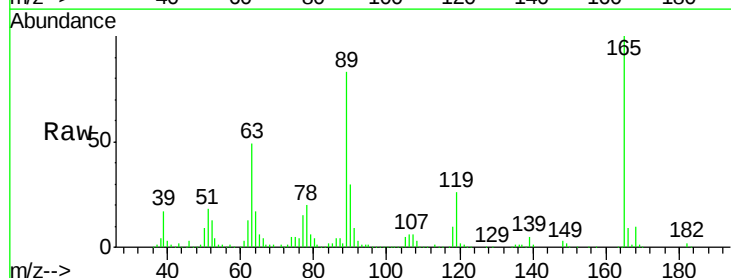
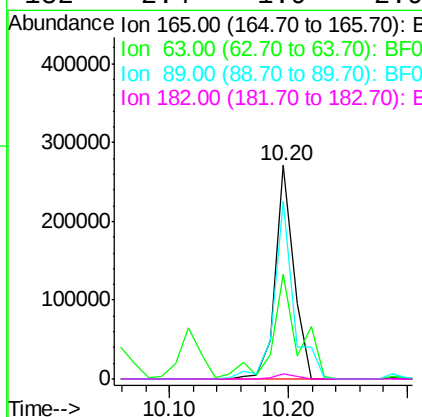
RT: 10.20 min Scan# 692

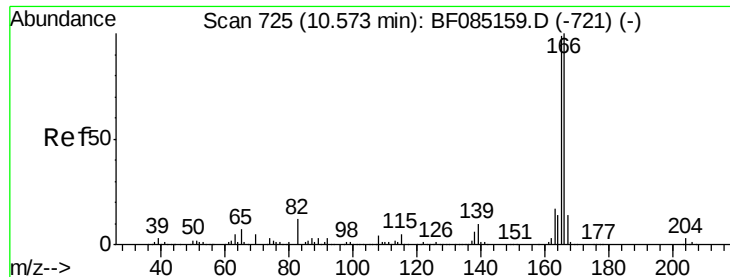
Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Tgt Ion:	165	Resp:	291110
Ion Ratio	Lower	Upper	
165	100		
63	49.2	35.4	53.0
89	83.4	61.9	92.9
182	2.4	1.9	2.9





#57

Fluorene

Concen: 43.67 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

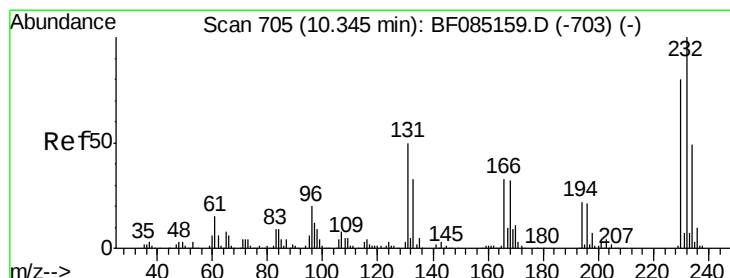
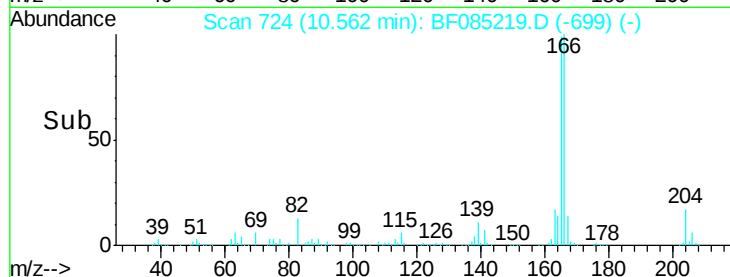
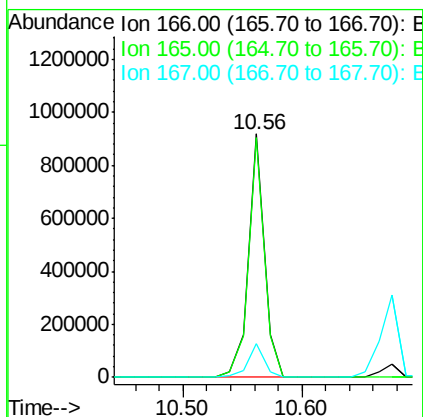
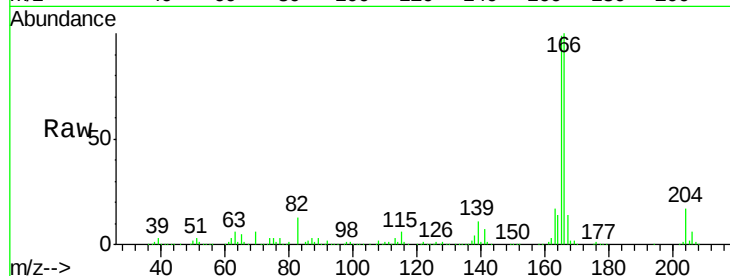
ClientSampleId :

ELP-7MS

Tot Ion:	166	Resp:	867796
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.4	119.0
167	14.1	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.28 ng

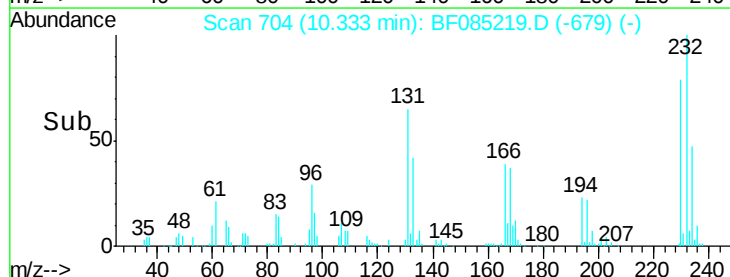
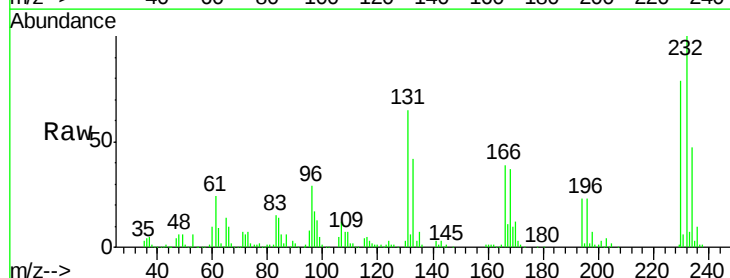
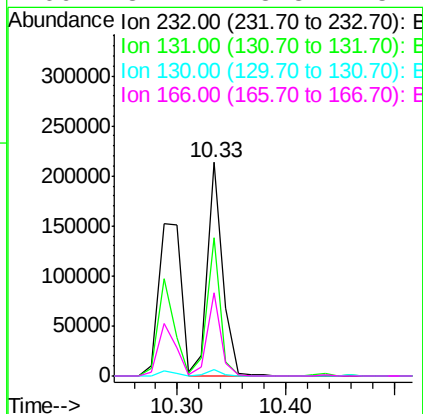
RT: 10.33 min Scan# 704

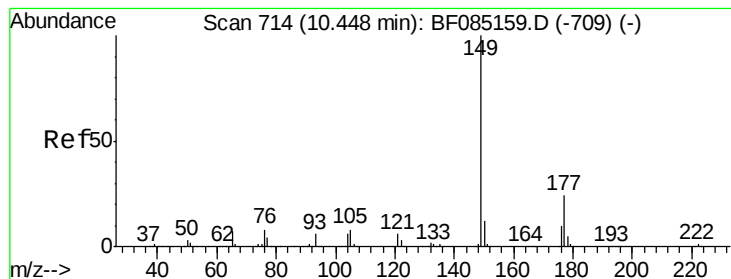
Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Tgt Ion:	232	Resp:	210373
Ion Ratio	Lower	Upper	
232	100		
131	56.9	46.0	69.0
130	2.8	2.2	3.4
166	34.7	28.8	43.2





#59

Diethylphthalate

Concen: 45.05 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

ELP-7MS

Tot Ion:149 Resp: 1052900

Ion Ratio Lower Upper

149 100

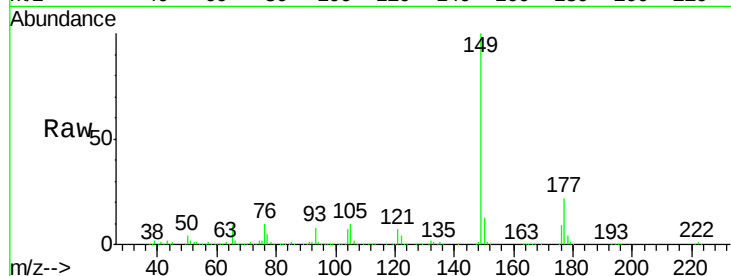
177 22.2 19.2 28.8

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

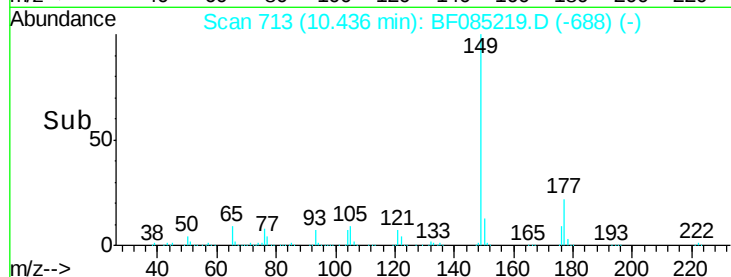
1500000

1000000

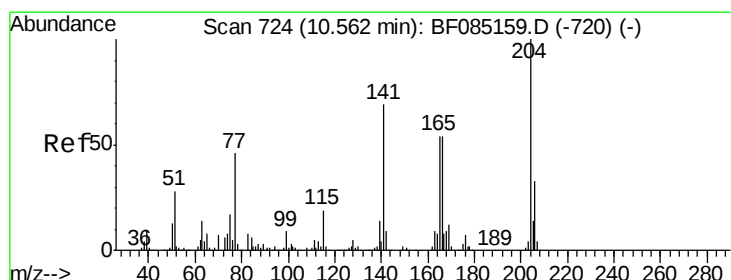
500000

0

Time-->



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 42.23 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

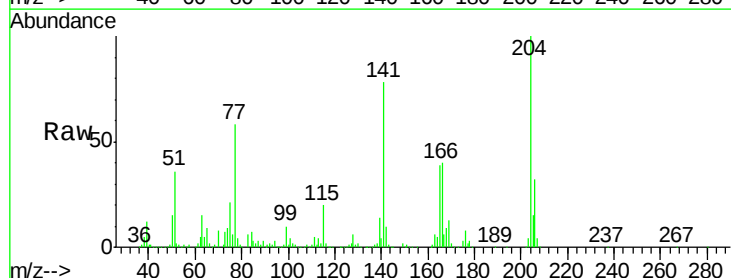
Tgt Ion:204 Resp: 408351

Ion Ratio Lower Upper

204 100

206 32.0 26.5 39.7

141 77.7 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

500000

400000

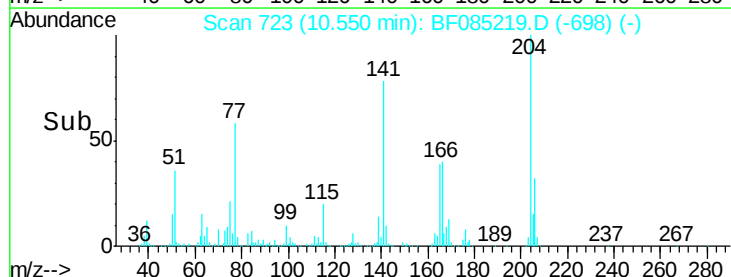
300000

200000

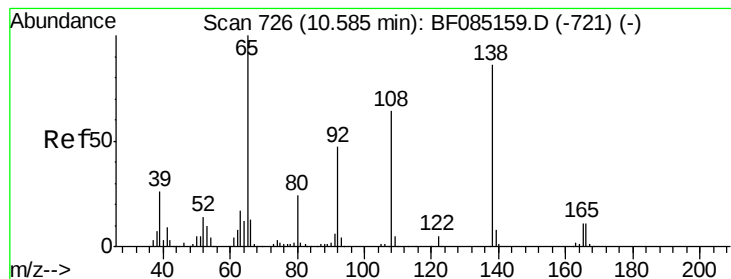
100000

0

Time-->



Time-->



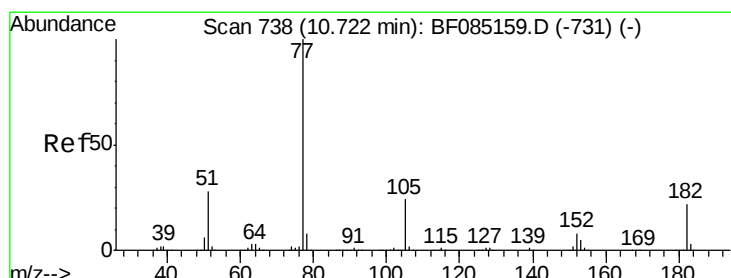
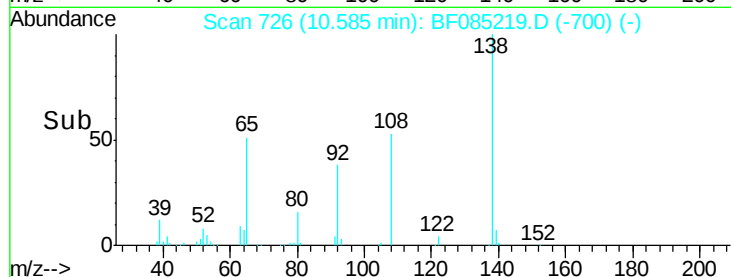
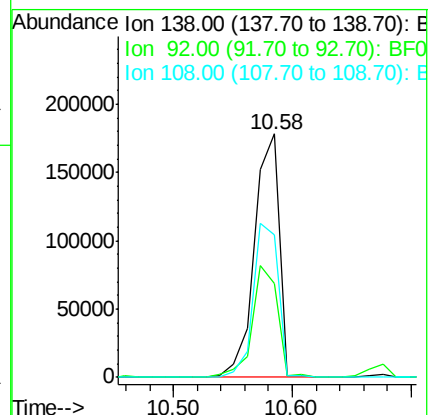
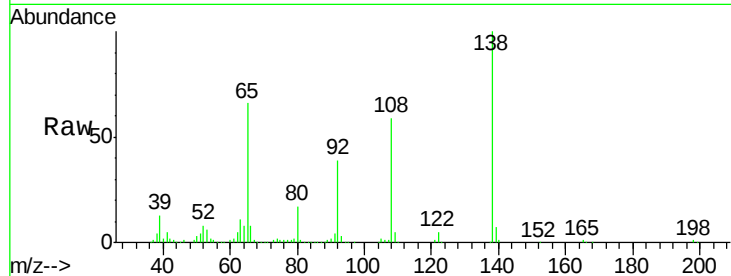
#61
4-Nitroaniline
Concen: 45.35 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampled :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	38.7	34.2	74.2
108	58.6	53.9	93.9

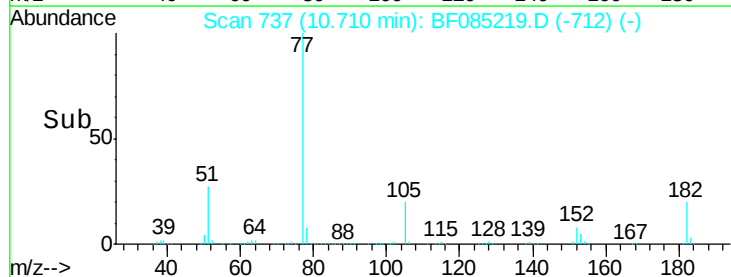
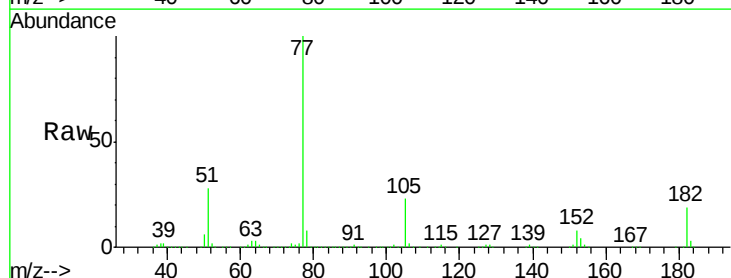
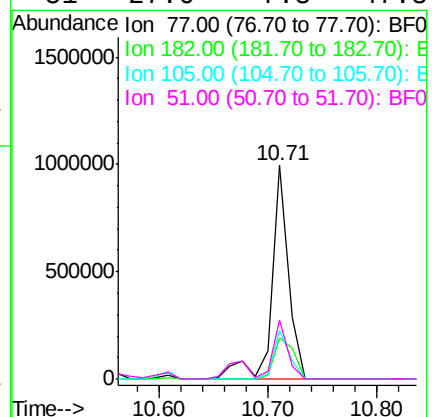
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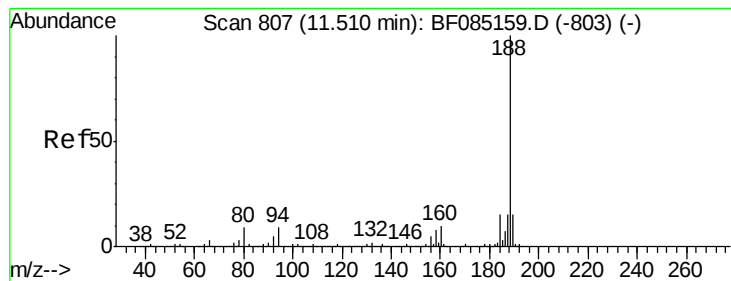
UMANGI
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#62
Azobenzene
Concen: 47.02 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.3	2.1	42.1
105	22.7	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: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

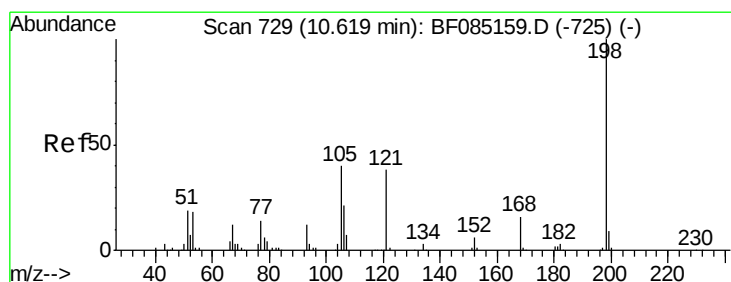
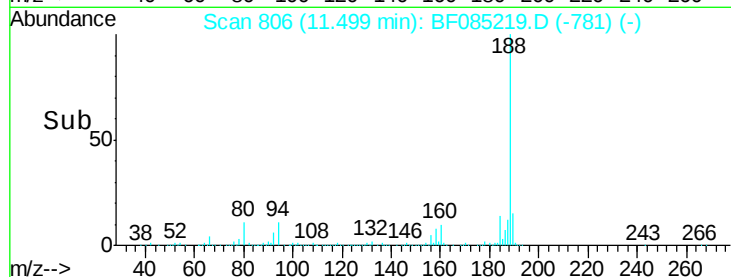
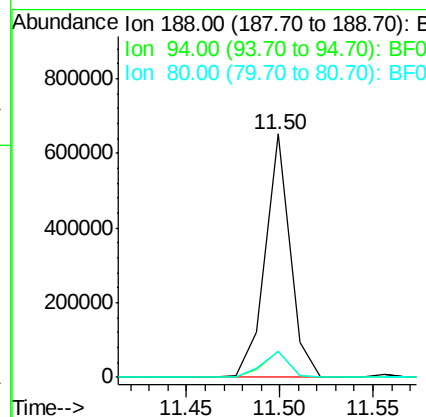
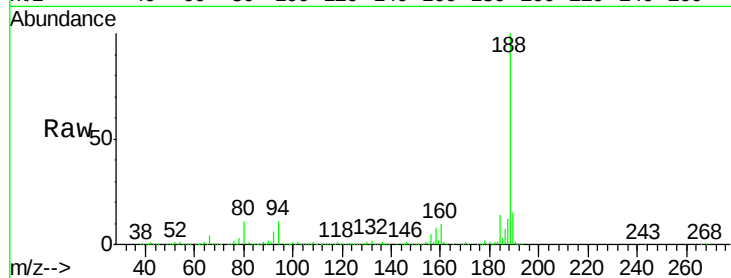
ClientSampleId :

ELP-7MS

Tot Ion:	188	Resp:	601202
Ion Ratio	Lower	Upper	
188	100		
94	10.6	7.0	10.6#
80	10.9	7.4	11.0

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#64

4,6-Dinitro-2-methylphenol

Concen: 22.00 ng

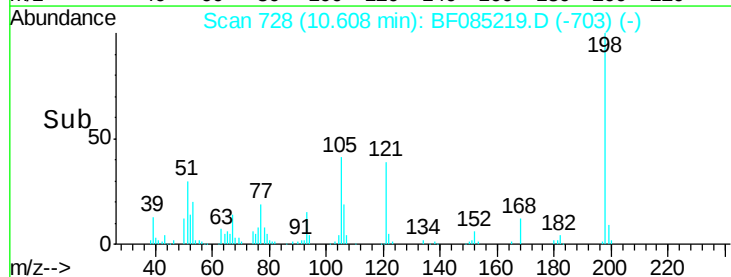
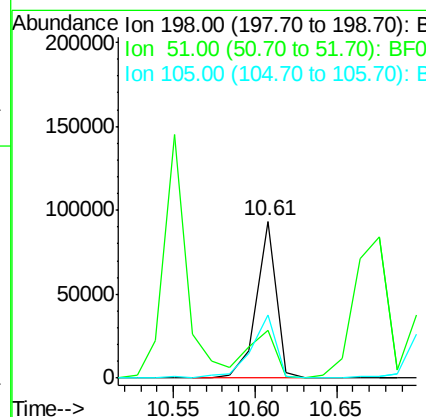
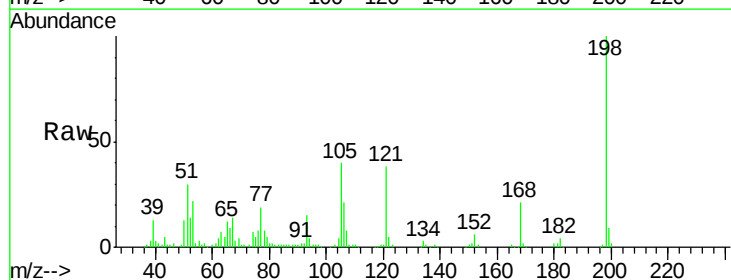
RT: 10.61 min Scan# 728

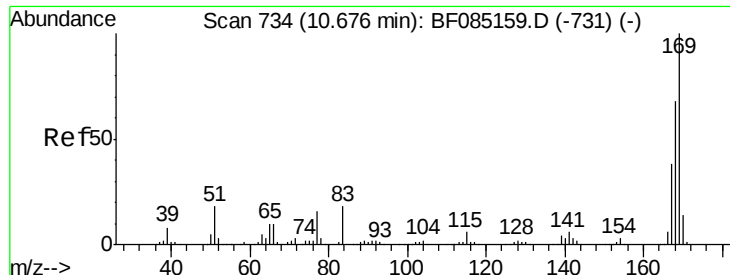
Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Tgt Ion:	198	Resp:	79208
Ion Ratio	Lower	Upper	
198	100		
51	30.1	9.5	49.5
105	40.0	20.5	60.5





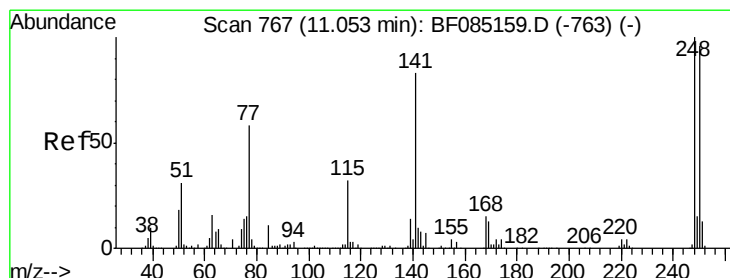
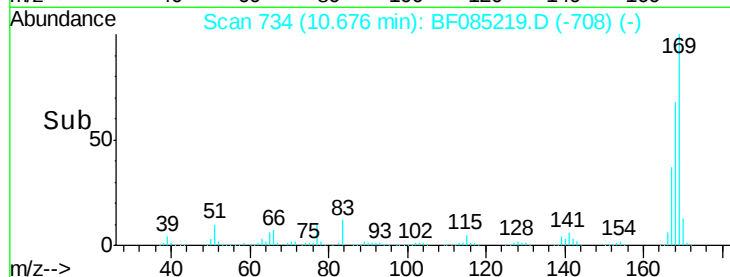
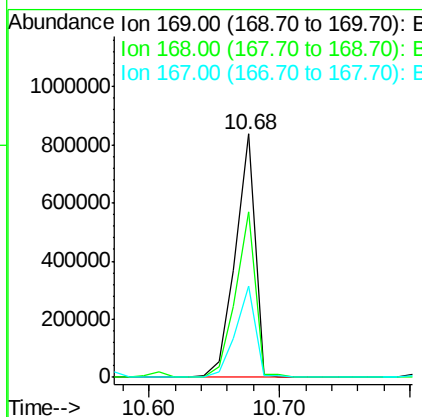
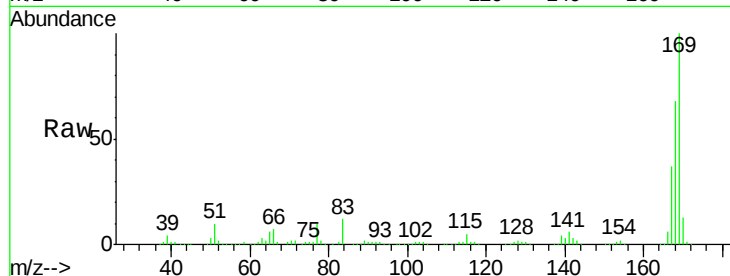
#65
n-Nitrosodiphenylamine
Concen: 46.82 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	875561		
168	67.7		54.8	82.2
167	37.3		30.3	45.5

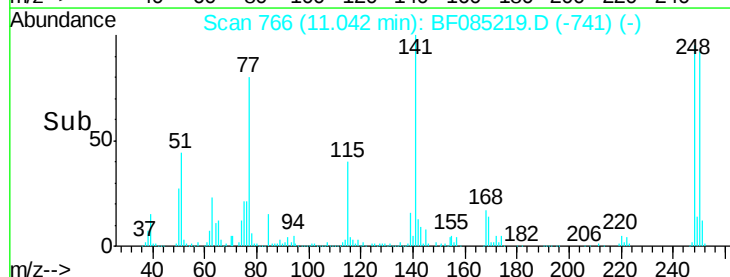
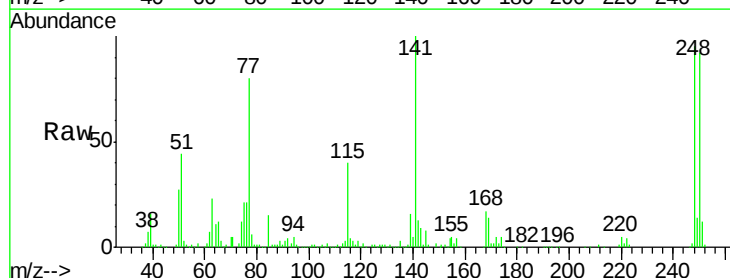
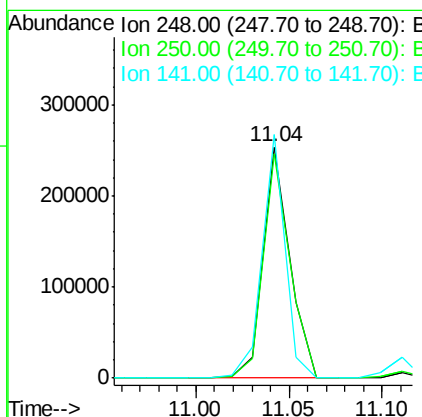
Manual Integrations
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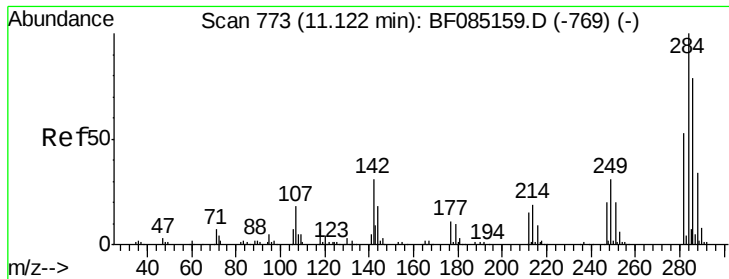
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#66
4-Bromophenyl-phenylether
Concen: 42.54 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	248331		
250	96.8		77.1	115.7
141	105.3		66.2	99.2#





#67

Hexachlorobenzene

Concen: 43.90 ng

RT: 11.11 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF085219.D

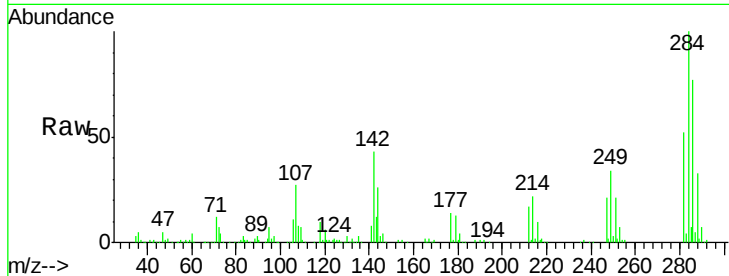
Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

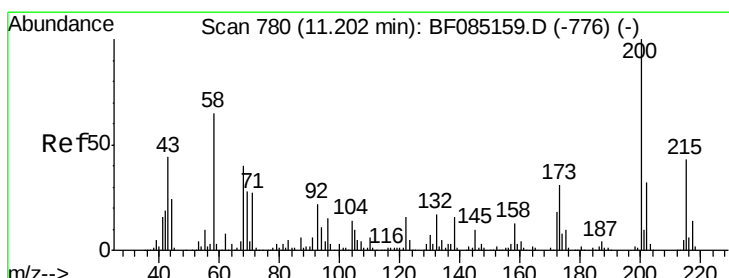
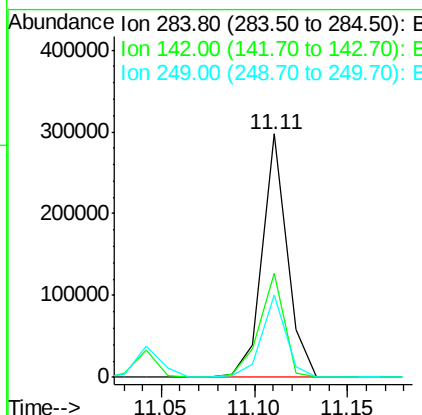
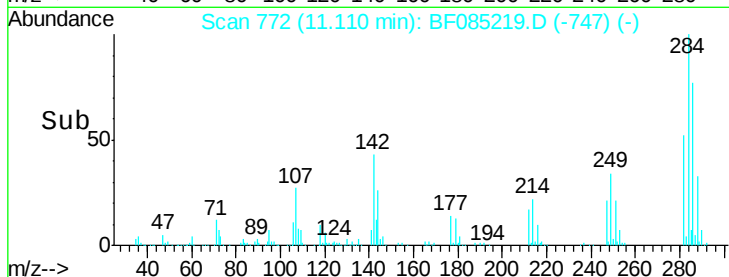
ELP-7MS



Tot Ion:	284	Resp:	273397
Ion Ratio	Lower	Upper	
284	100		
142	43.0	24.9	37.3#
249	33.9	25.0	37.4

Manual Integrations
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#68

Atrazine

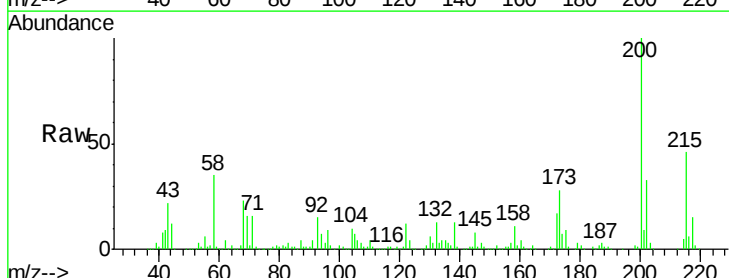
Concen: 56.48 ng

RT: 11.20 min Scan# 780

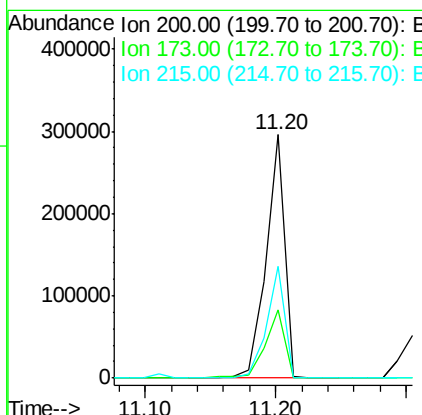
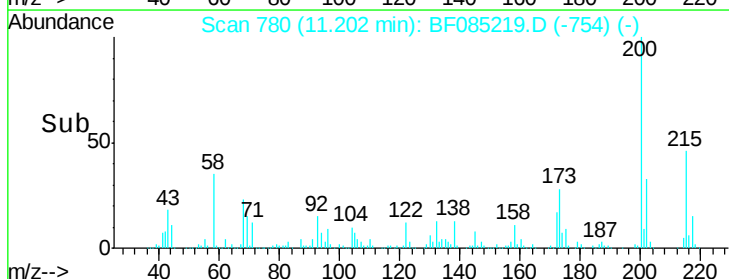
Delta R.T. 0.00 min

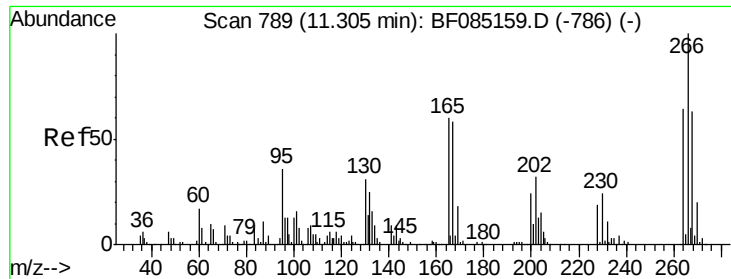
Lab File: BF085219.D

Acq: 4 Mar 2016 22:57



Tgt Ion:	200	Resp:	293700
Ion Ratio	Lower	Upper	
200	100		
173	27.9	10.5	50.5
215	45.9	23.4	63.4





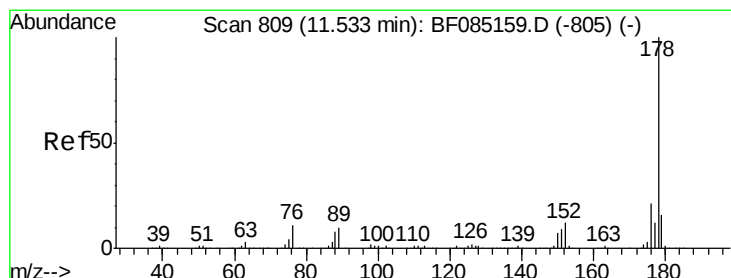
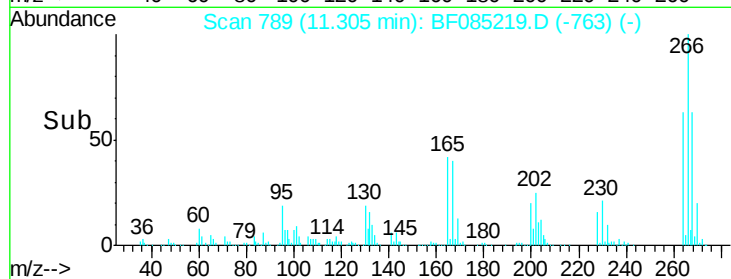
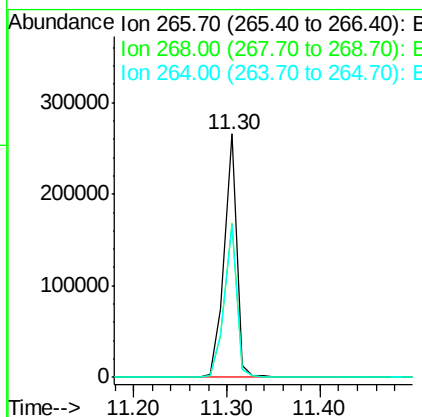
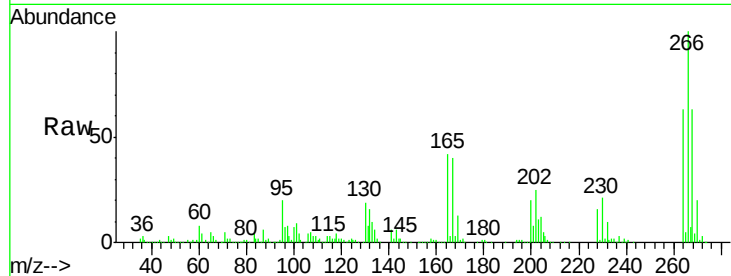
#69
 Pentachlorophenol
 Concen: 72.15 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.0	75.0
264	63.0	51.4	77.2

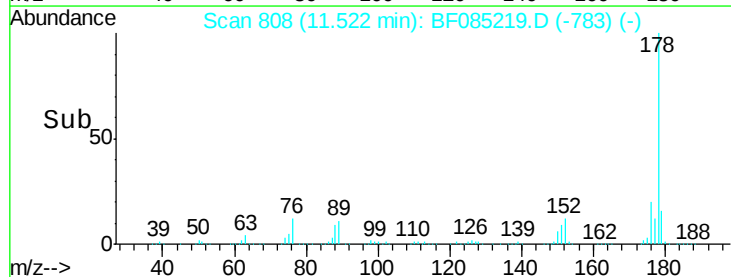
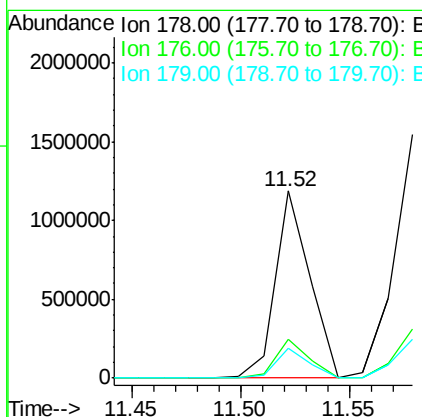
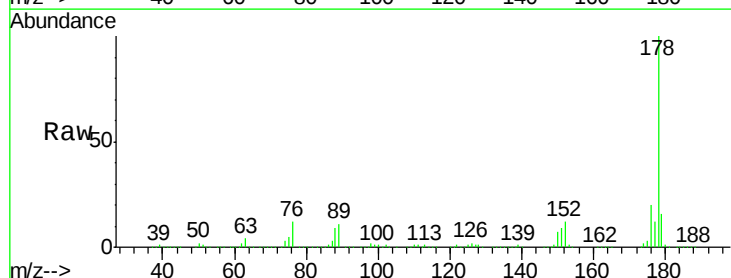
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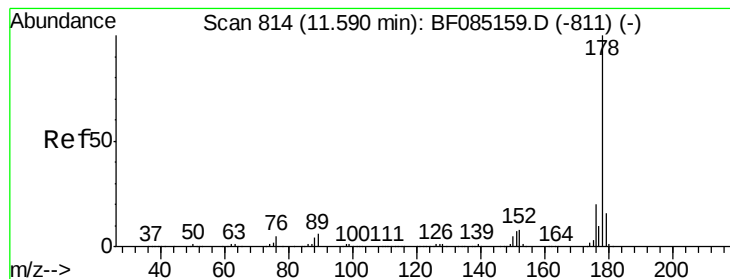
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#70
 Phenanthrene
 Concen: 41.97 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	16.1	13.1	19.7





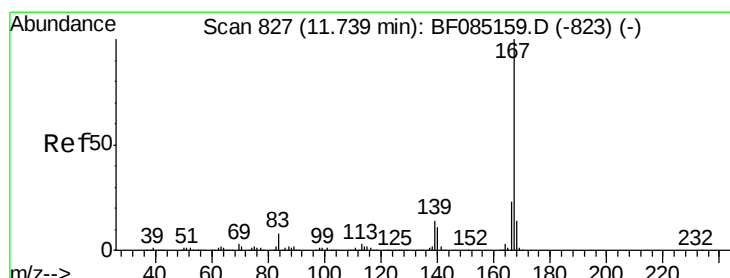
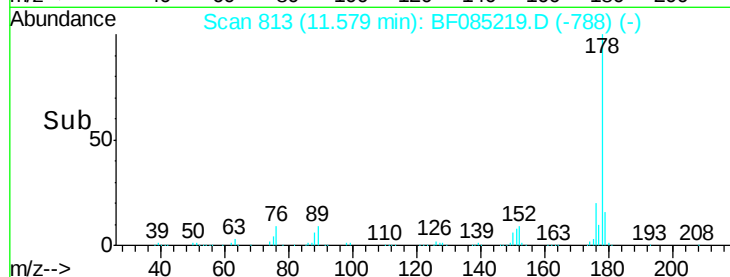
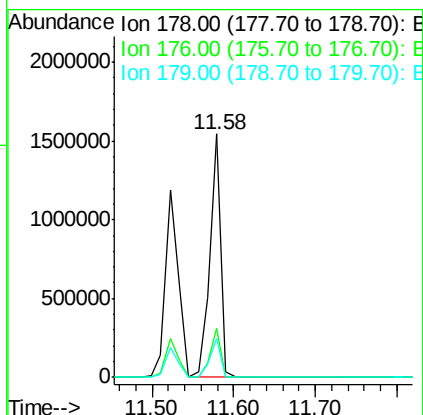
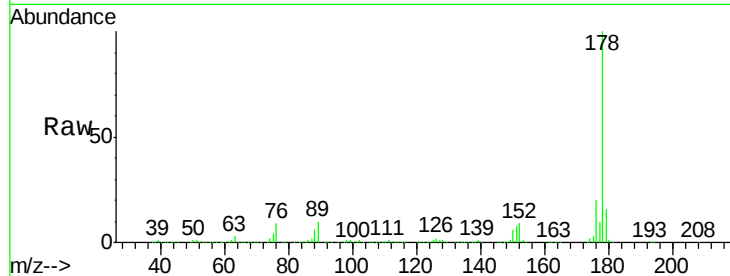
#71
 Anthracene
 Concen: 43.62 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

Tot Ion:178 Resp: 1459140
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.0 12.5 18.7

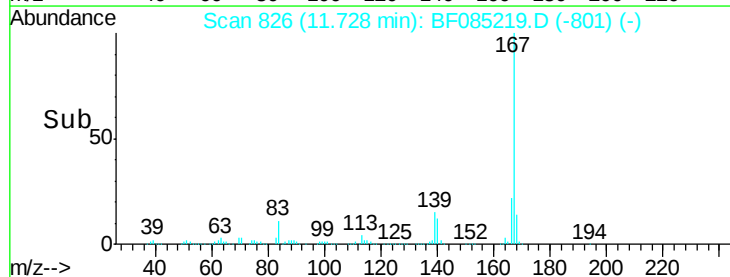
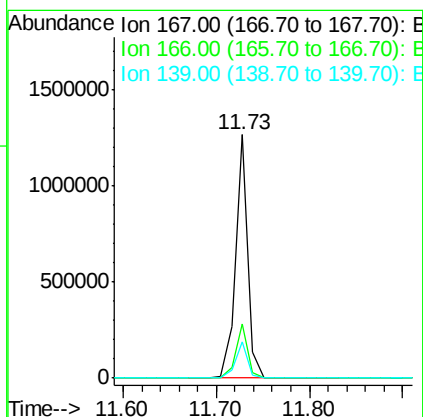
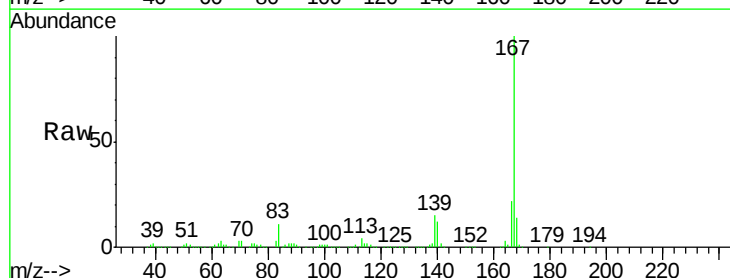
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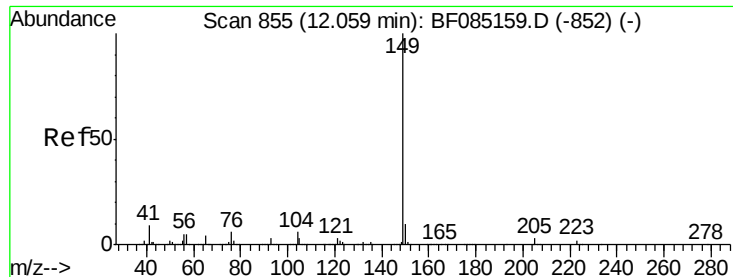
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 3/7/2016 3:30:46 PM



#72
 Carbazole
 Concen: 39.69 ng
 RT: 11.73 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion:167 Resp: 1164165
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 15.1 11.4 17.0





#73

Di-n-butylphthalate

Concen: 43.00 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

ELP-7MS

Tot Ion:149 Resp: 1593996

Ion Ratio Lower Upper

149 100

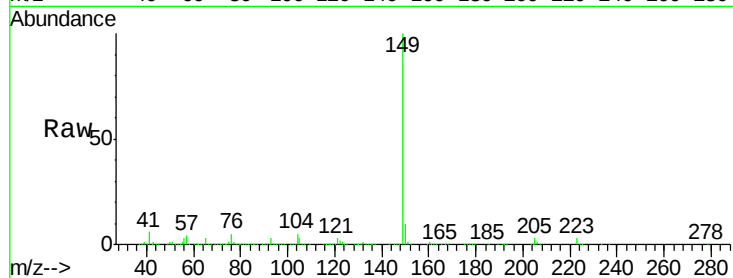
150 9.7 7.8 11.6

104 4.9 4.7 7.1

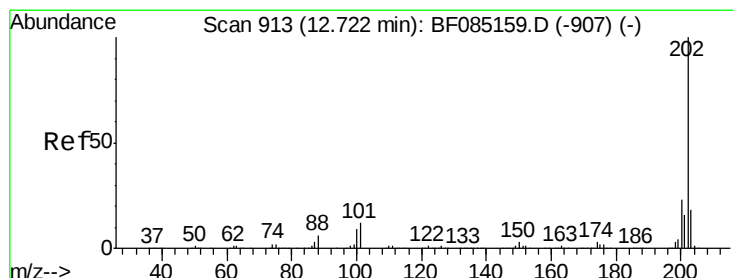
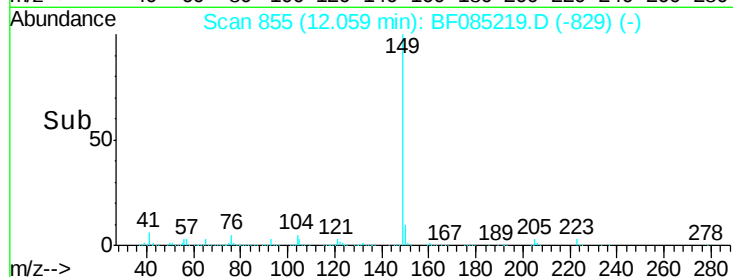
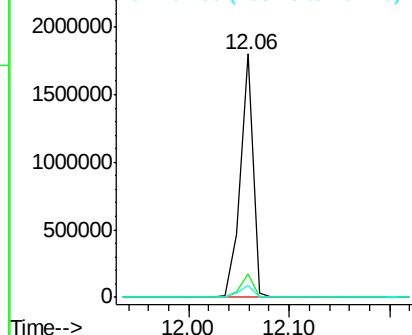
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.04 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

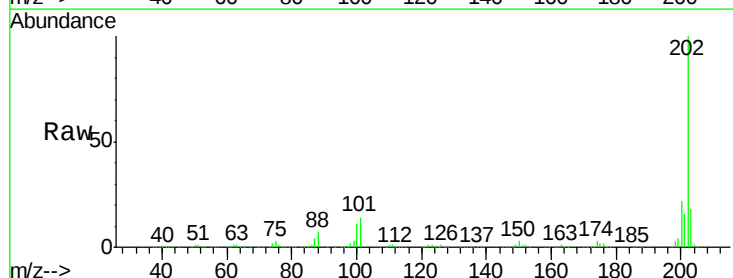
Tgt Ion:202 Resp: 1266048

Ion Ratio Lower Upper

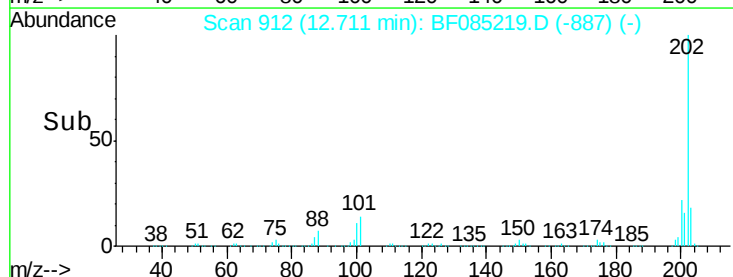
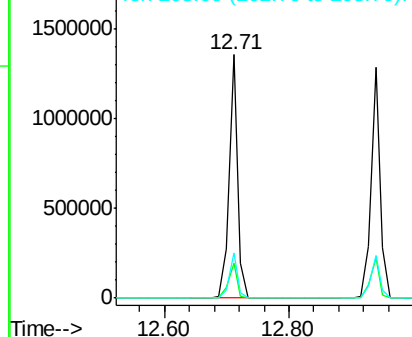
202 100

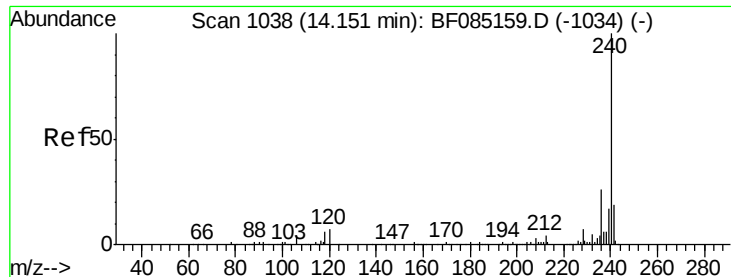
101 14.4 0.0 31.8

203 18.4 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: BF085219.D

Acq: 4 Mar 2016 22:57

Instrument :

BNA_F

ClientSampleId :

ELP-7MS

Tot Ion:240 Resp: 435545

Ion Ratio Lower Upper

240 100

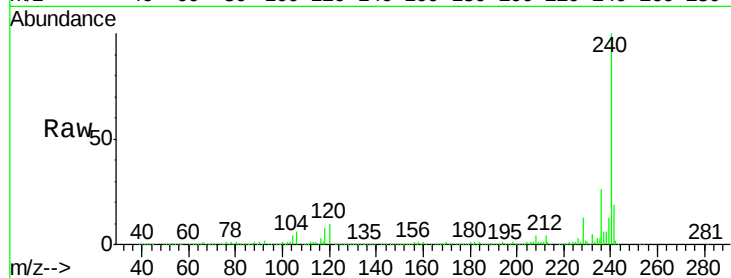
120 9.5 5.3 7.9#

236 26.2 20.7 31.1

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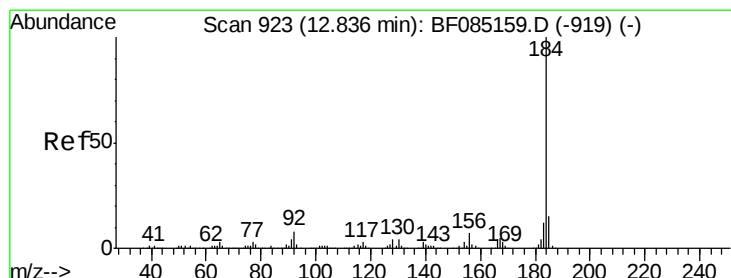
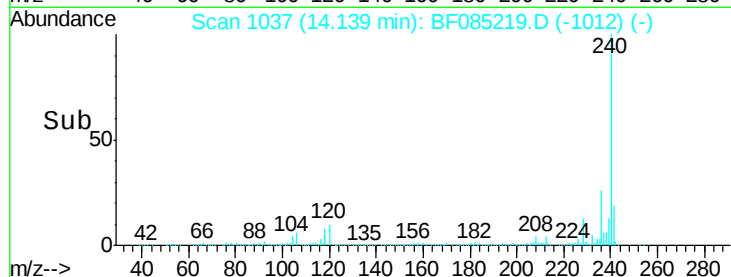
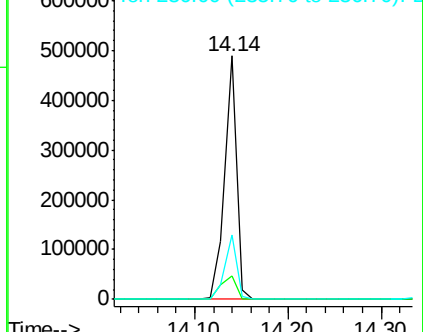
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.21 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085219.D

Acq: 4 Mar 2016 22:57

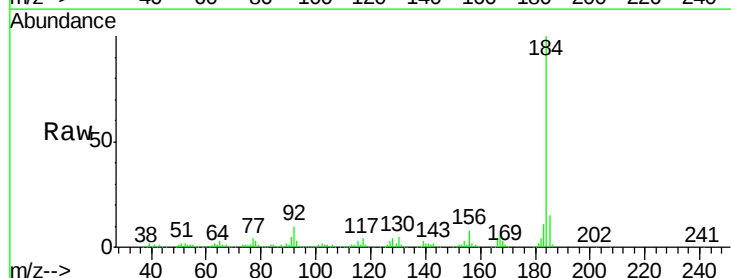
Tgt Ion:184 Resp: 339701

Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

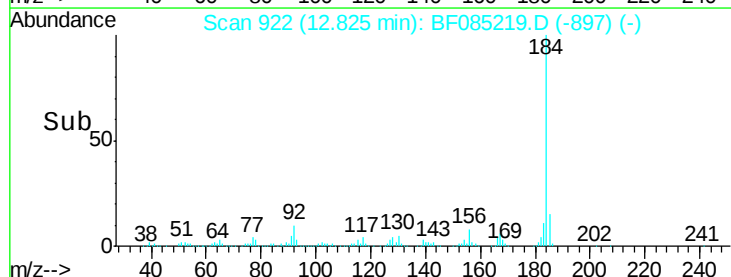
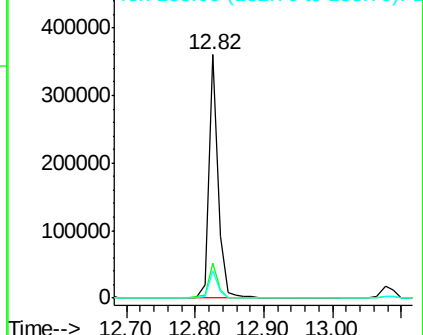
183 11.4 9.4 14.2

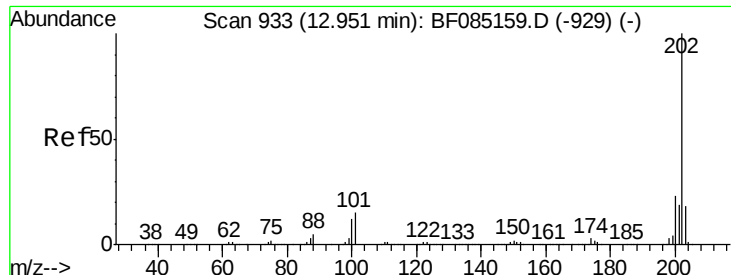


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





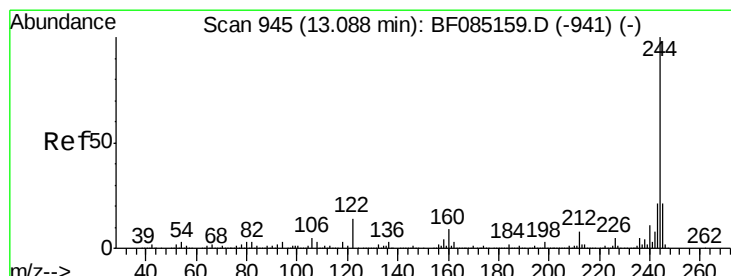
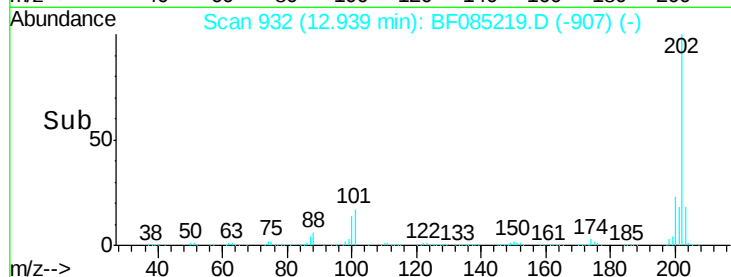
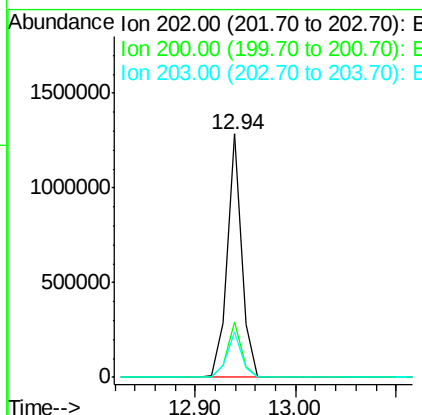
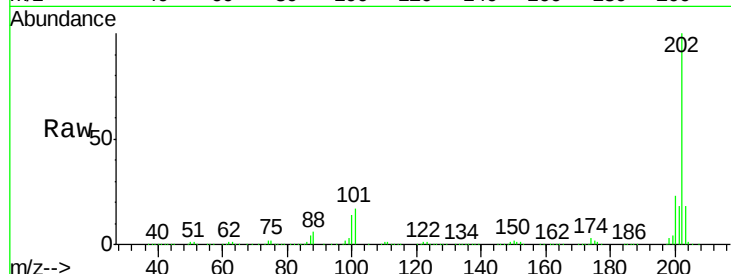
#77
Pvrene
Concen: 39.18 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.4
203	18.3	14.7	22.1

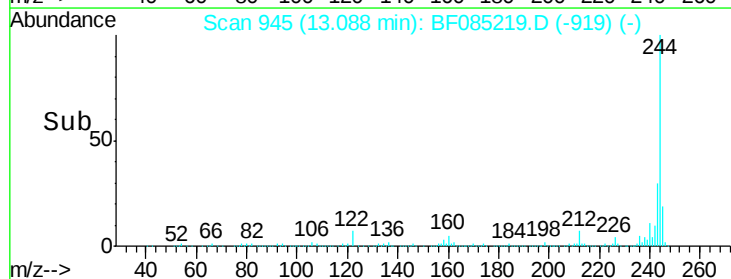
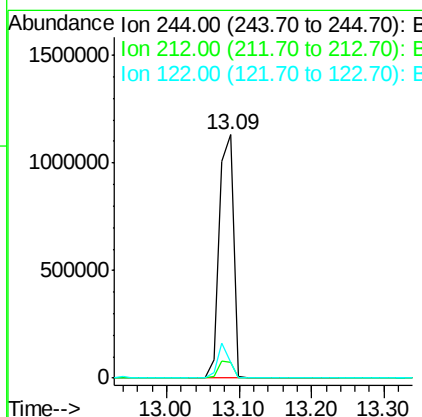
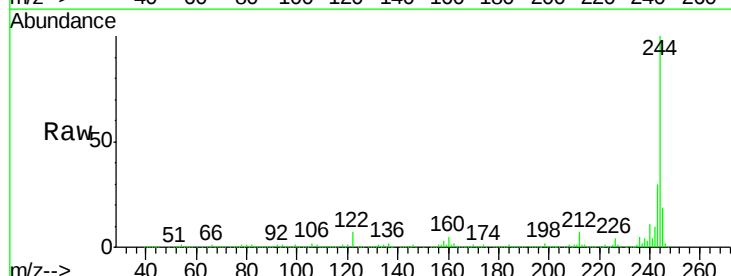
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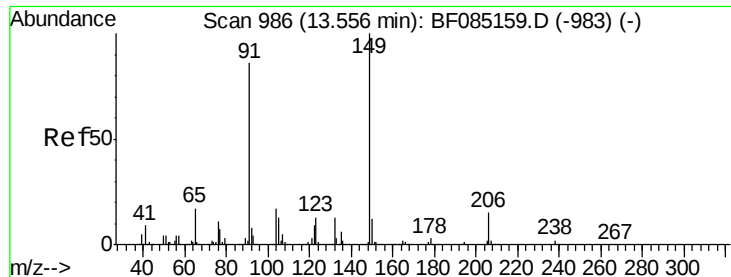
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#78
Terphenyl-d14
Concen: 82.00 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	6.6	11.4	17.2#





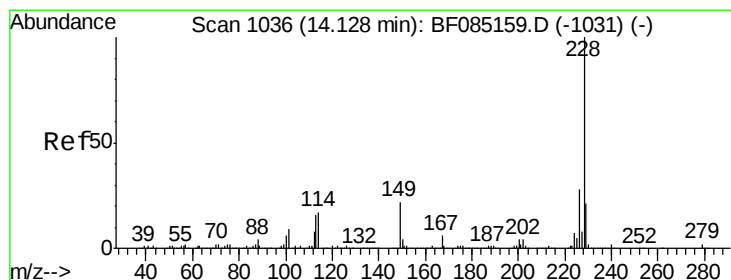
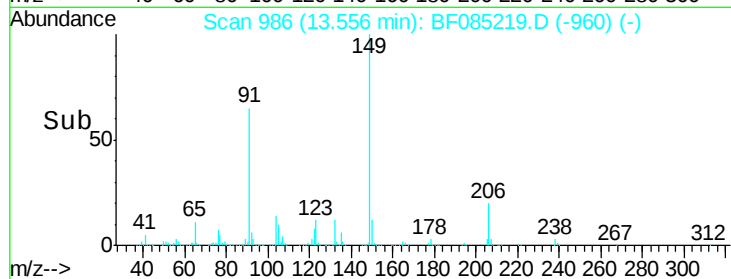
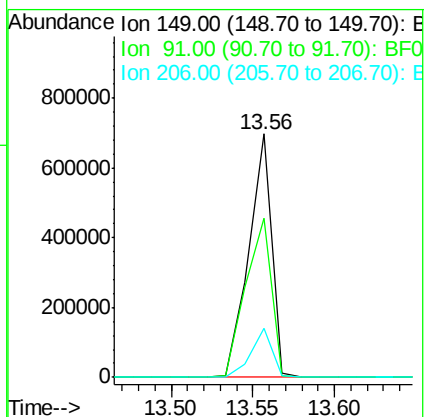
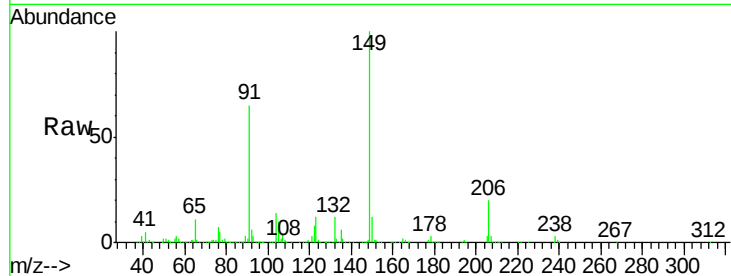
#79
Butylbenzylphthalate
Concen: 45.62 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	69.0	103.4#
206	20.0	12.3	18.5#

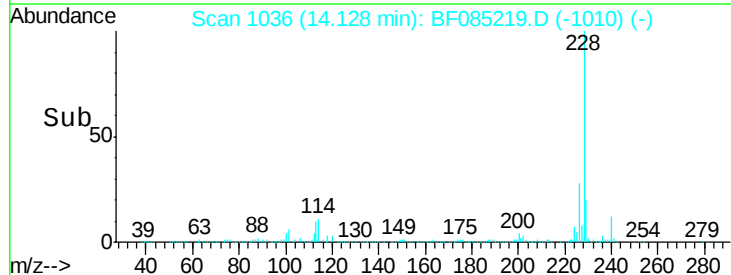
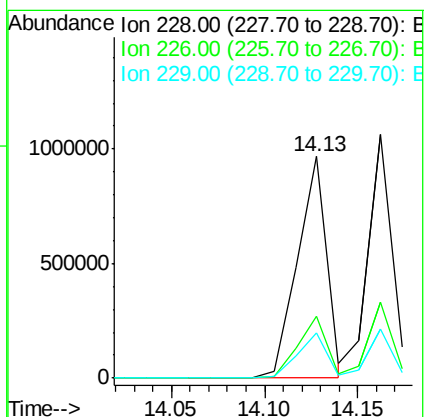
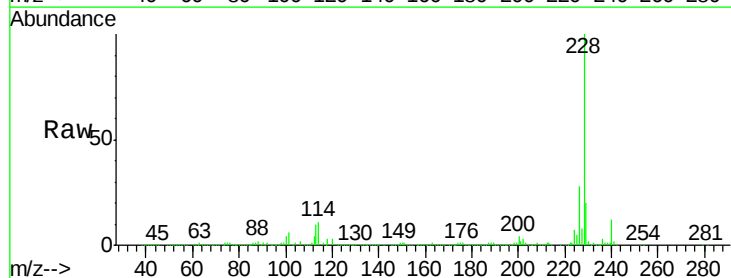
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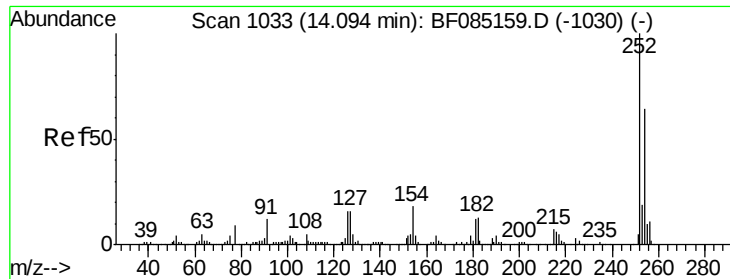
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#80
Benzo(a)anthracene
Concen: 40.50 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.8	34.2
229	20.3	16.6	24.8





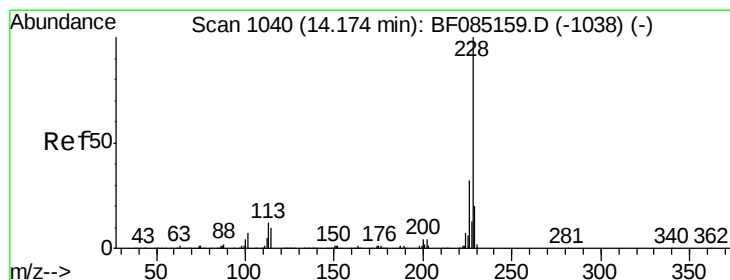
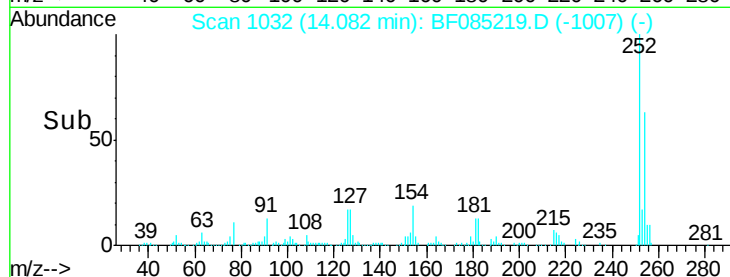
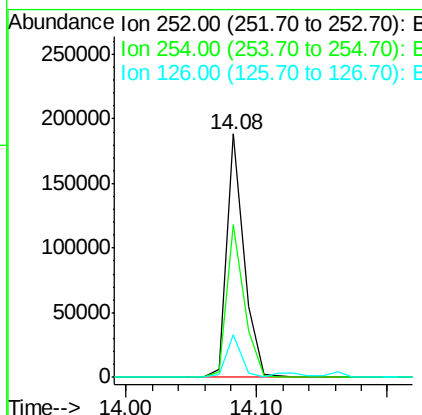
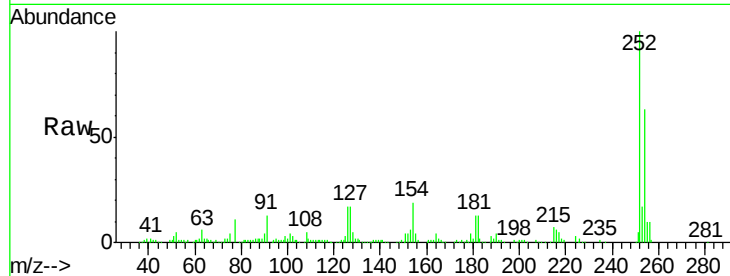
#81
 3,3'-Dichlorobenzidine
 Concen: 21.22 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	174561		
254	62.5	51.4	77.0	
126	17.3	12.9	19.3	

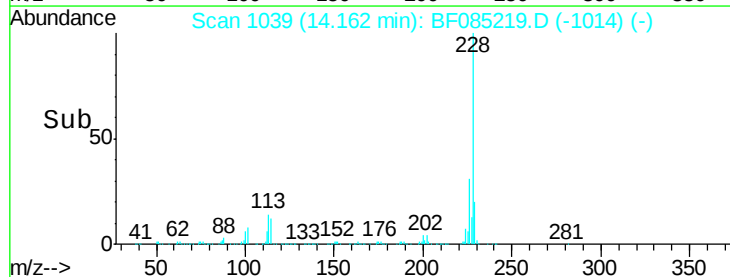
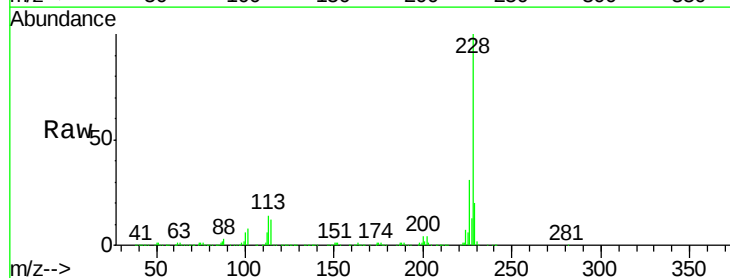
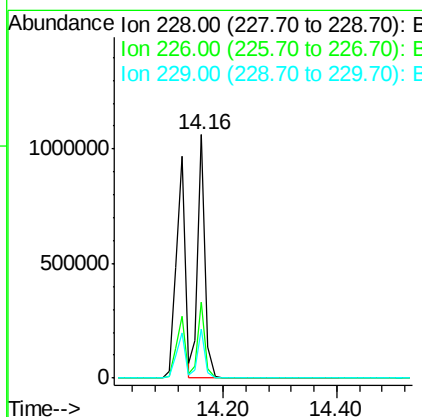
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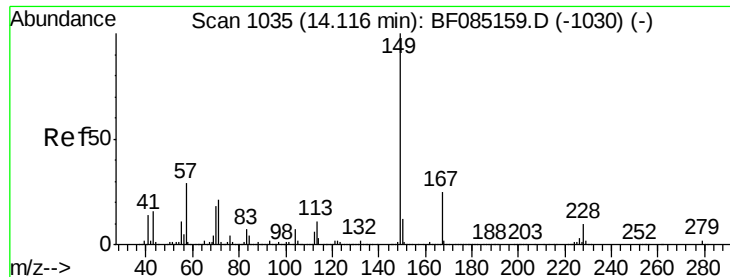
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#82
 Chrysene
 Concen: 39.65 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	955063		
226	31.3	25.2	37.8	
229	20.2	16.0	24.0	





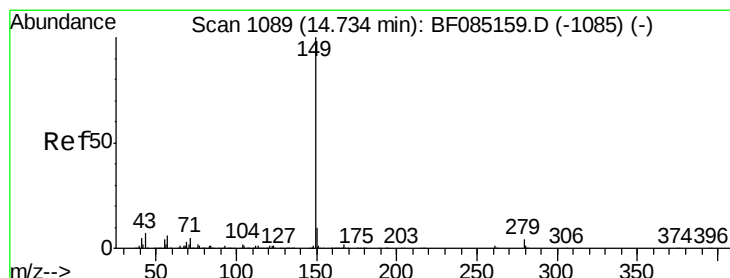
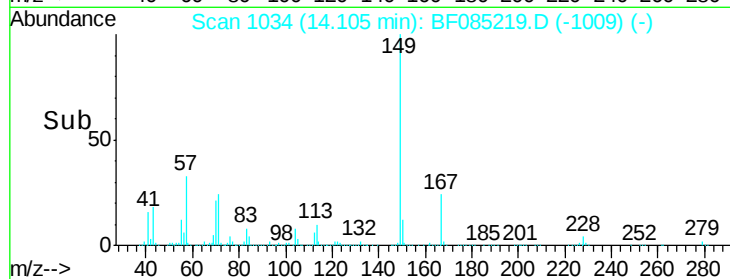
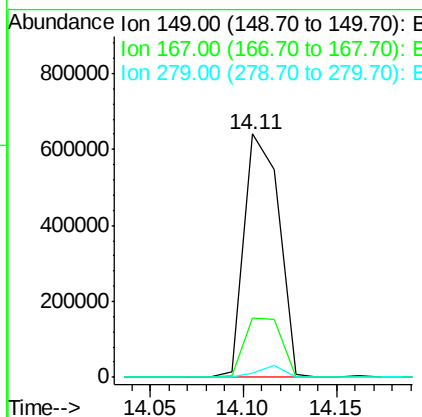
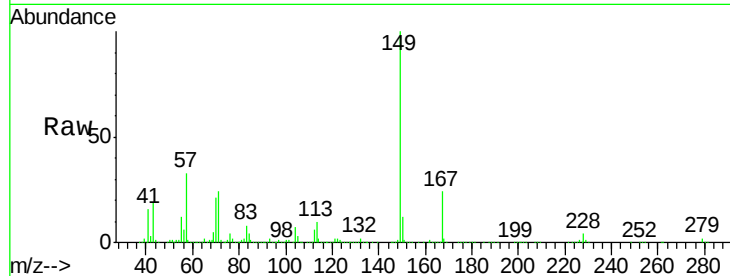
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.47 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.3	30.5
279	1.8	1.9	2.9

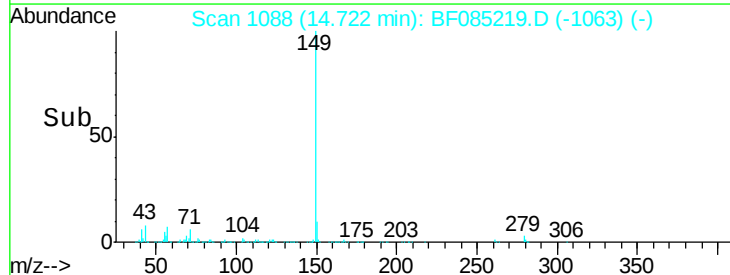
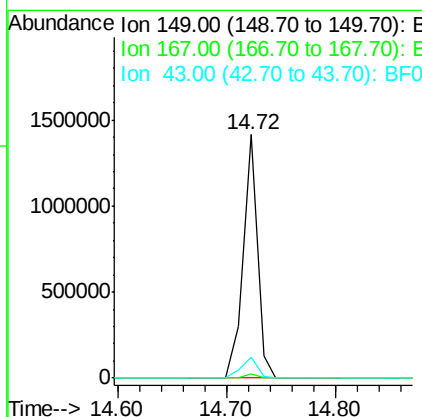
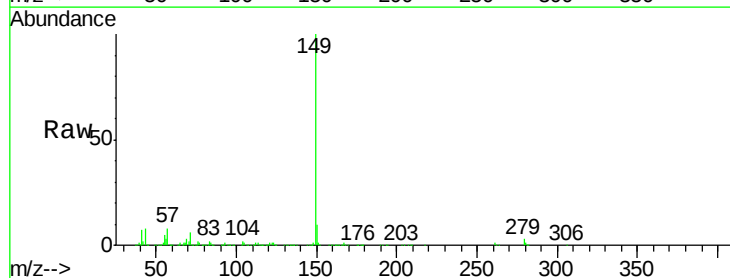
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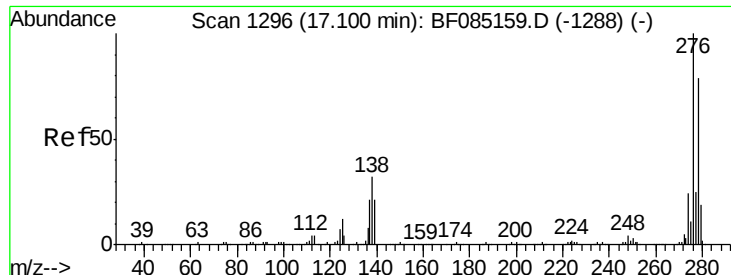
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#84
Di-n-octyl phthalate
Concen: 42.70 ng
RT: 14.72 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

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





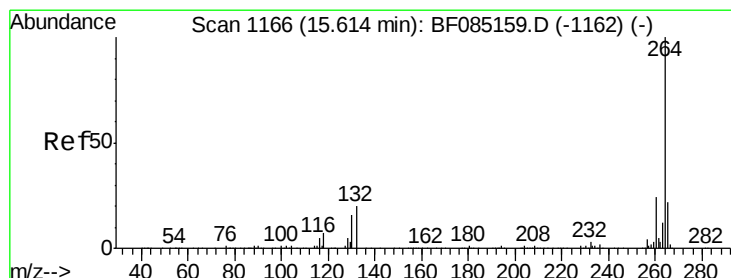
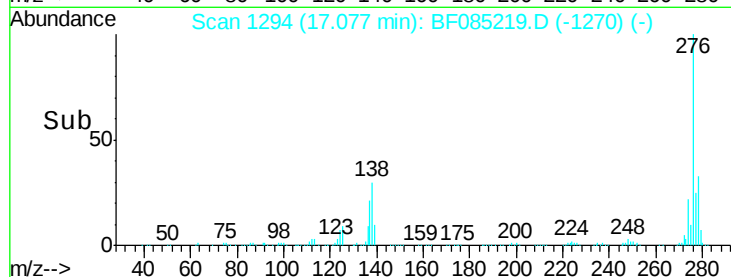
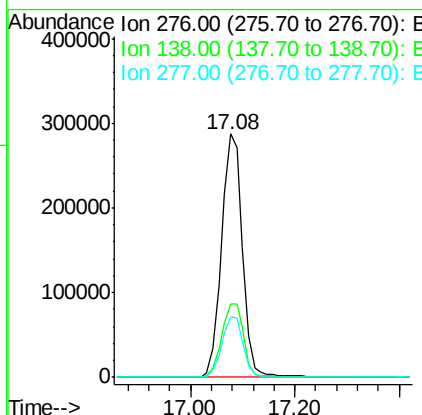
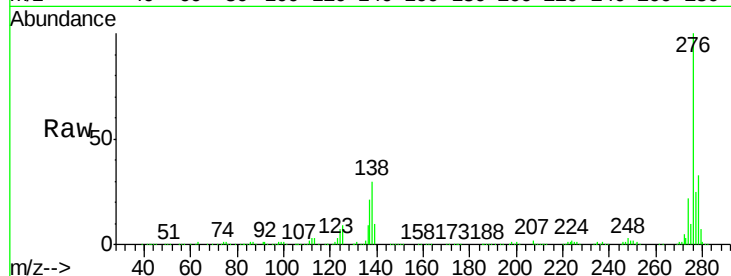
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.54 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.0	26.4	39.6
277	25.4	20.2	30.2

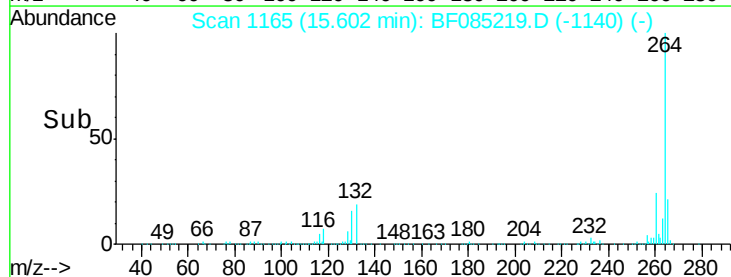
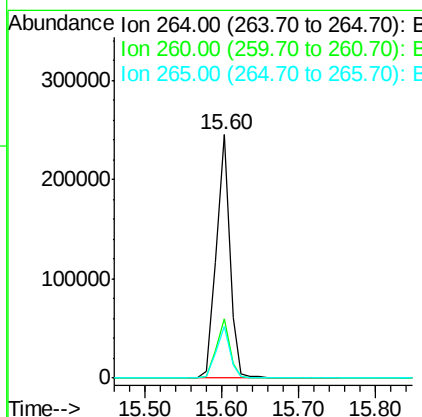
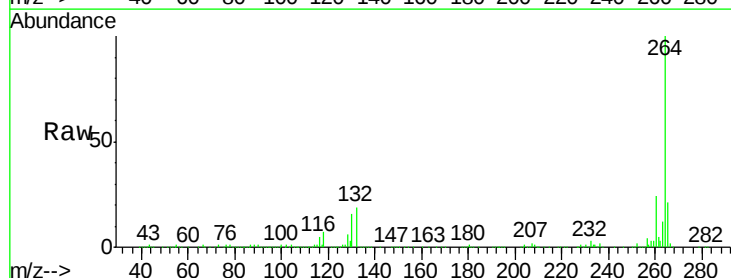
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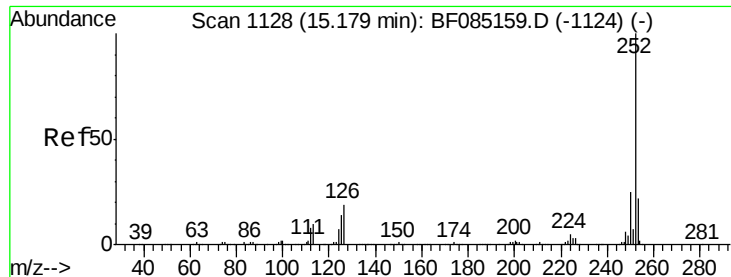
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.3	25.9





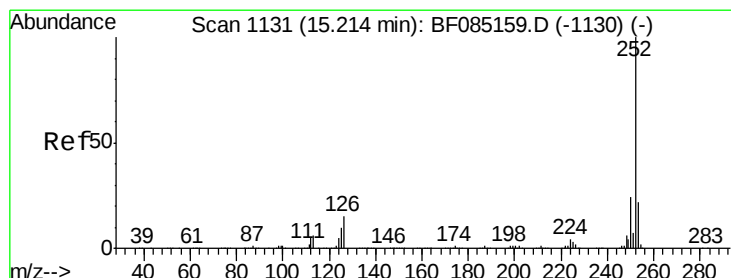
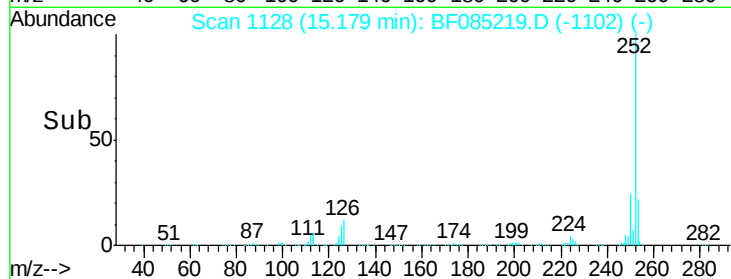
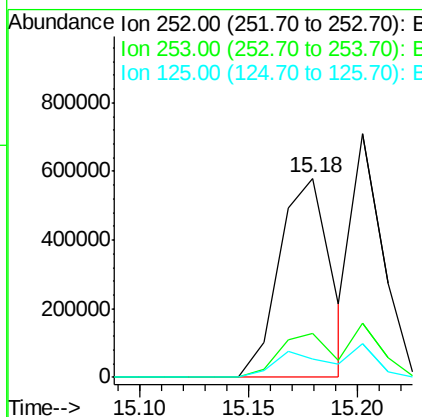
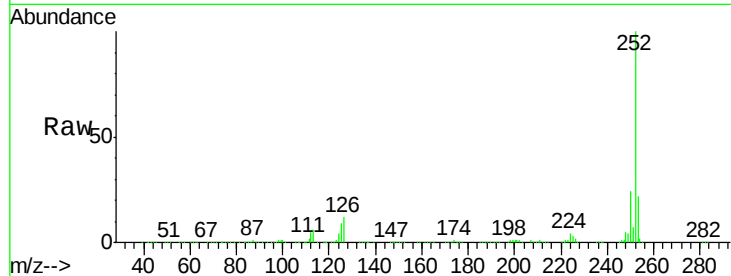
#87
Benzo(b)fluoranthene
Concen: 47.34 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	8.9	11.3	16.9

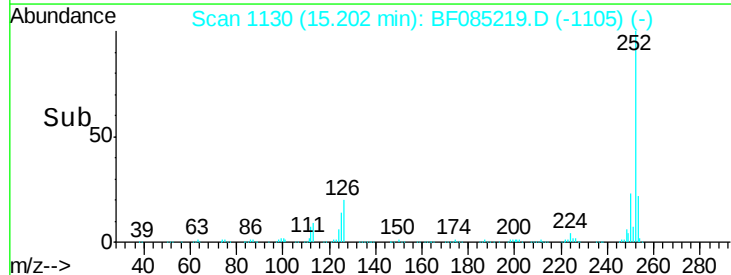
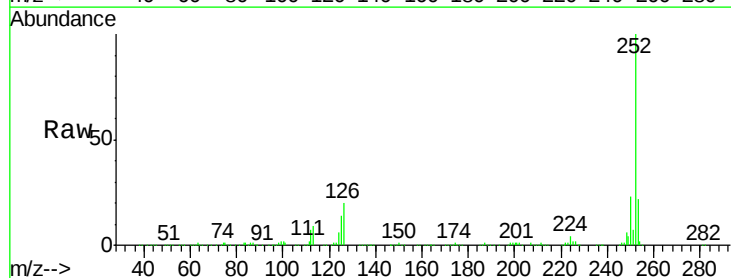
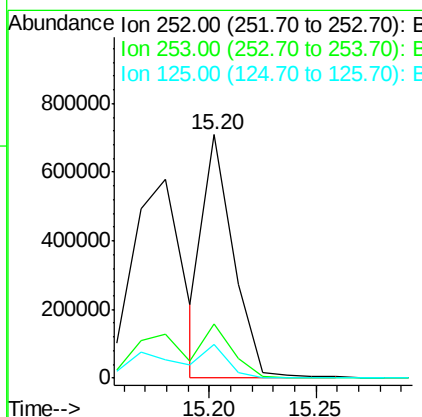
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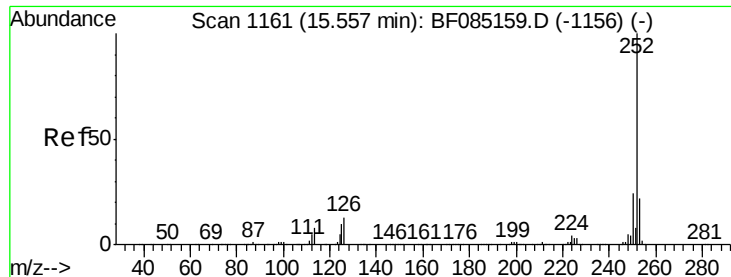
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#88
Benzo(k)fluoranthene
Concen: 42.74 ng m
RT: 15.20 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.8	10.4	15.6





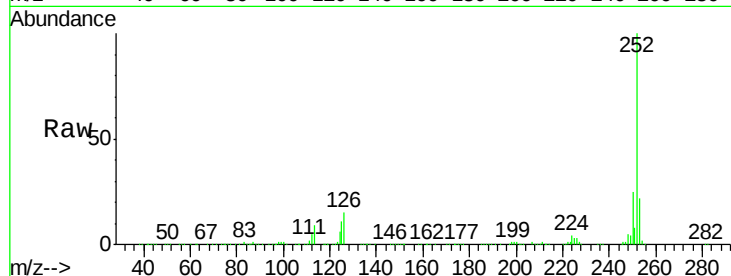
#89
Benzo(a)pyrene
Concen: 46.28 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Instrument :
BNA_F
ClientSampleId :
ELP-7MS

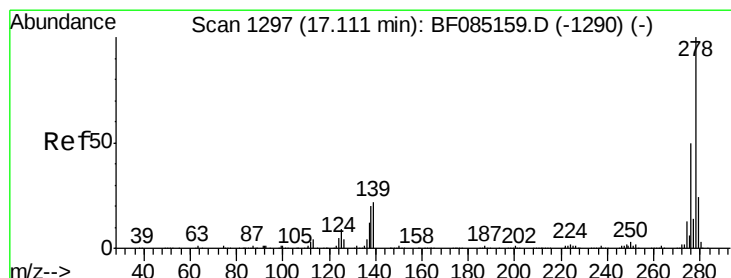
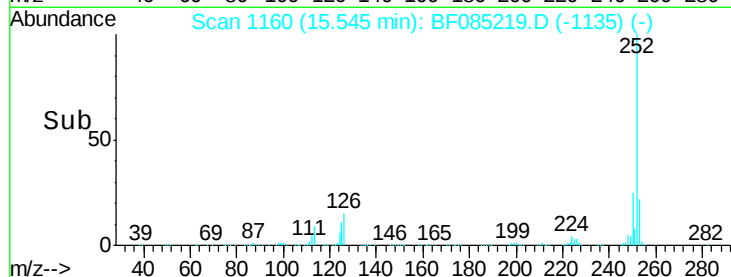
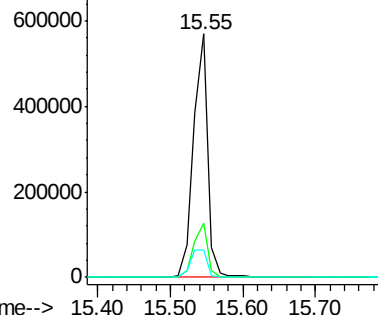
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.4	8.2	12.4

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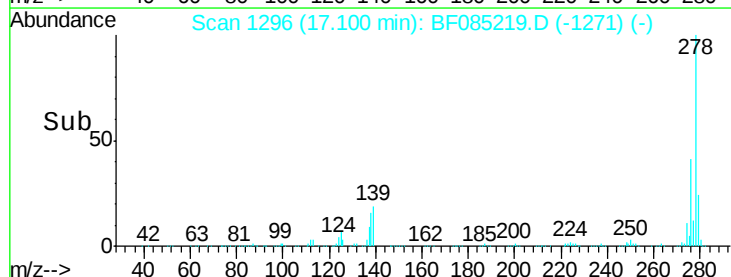
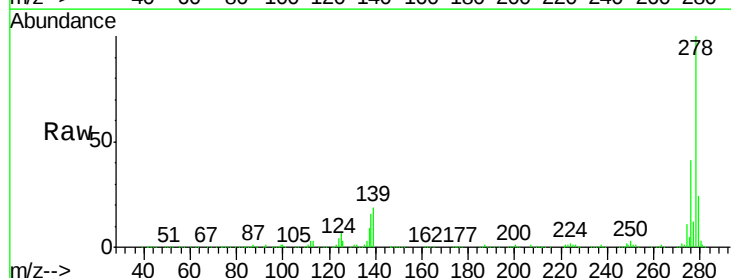
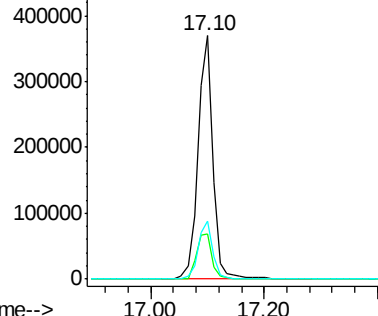
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

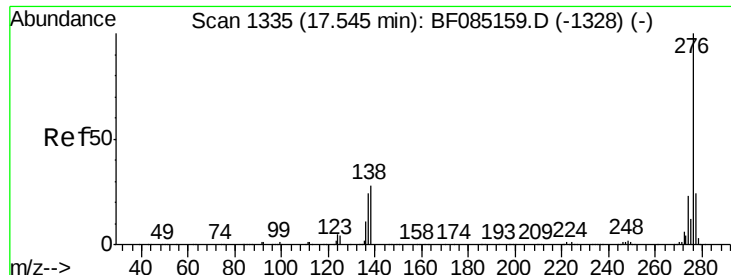


#90
Dibenzo(a,h)anthracene
Concen: 47.57 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085219.D
Acq: 4 Mar 2016 22:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	17.3	25.9
279	23.7	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





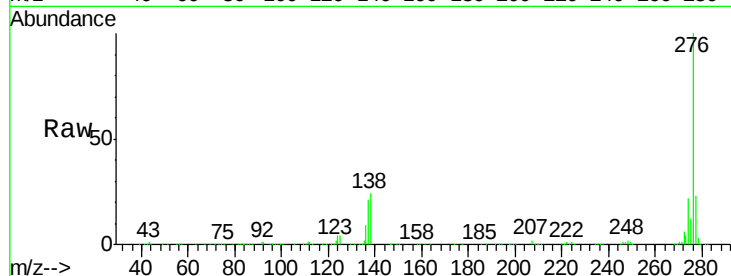
#91
 Benzo(a,h,i)perylene
 Concen: 47.74 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085219.D
 Acq: 4 Mar 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7MS

Tot Ion:	276	Resp:	685542
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.0	28.4
138	23.9	22.5	33.7

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:46 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

