

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085204.D
 Acq On : 4 Mar 2016 15:58
 Operator : SJ/IZ
 Sample : PB88682BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 3:30:34 PM

Quant Time: Mar 07 10:25:04 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	158959	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	633985	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	289179	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	535795	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	408226	20.00	ng	-0.01
86) Perylene-d12	15.60	264	267980	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	845613	89.23	ng	0.01
7) Phenol-d6	6.60	99	991920	79.89	ng	-0.01
23) Nitrobenzene-d5	7.53	82	953953	80.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	214197	86.57	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1657289	87.16	ng	-0.01
78) Terphenyl-d14	13.09	244	1521656	86.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.77	88	162608	33.55	ng	98
3) Pyridine	3.52	79	496356	40.92	ng	99
4) n-Nitrosodimethylamine	3.48	42	195872	37.73	ng	92
6) Aniline	6.63	93	277694	15.96	ng	99
8) 2-Chlorophenol	6.76	128	457639	40.11	ng	98
9) Benzaldehyde	6.52	77	163126	25.18	ng	99
10) Phenol	6.61	94	508958m	38.27	ng	
11) bis(2-Chloroethyl)ether	6.71	93	455248	41.22	ng	94
12) 1,3-Dichlorobenzene	6.92	146	499905	40.81	ng	99
13) 1,4-Dichlorobenzene	7.00	146	486514m	39.63	ng	
14) 1,2-Dichlorobenzene	7.14	146	459626	41.27	ng	100
15) Benzyl Alcohol	7.11	79	396308	43.48	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	594814	37.36	ng	100
17) 2-Methylphenol	7.22	107	412171	44.28	ng	98
18) Hexachloroethane	7.49	117	182314	40.26	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	304008	37.57	ng	# 89
20) 3+4-Methylphenols	7.37	107	449941	40.80	ng	96
22) Acetophenone	7.38	105	615276	39.76	ng	# 97
24) Nitrobenzene	7.56	77	519954	43.20	ng	97
25) Isophorone	7.80	82	910846	41.49	ng	98
26) 2-Nitrophenol	7.88	139	261584	44.66	ng	# 92
27) 2,4-Dimethylphenol	7.91	122	484109	45.23	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	525194	42.95	ng	100
29) 2,4-Dichlorophenol	8.12	162	393957	45.64	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	384969	41.25	ng	100
31) Naphthalene	8.28	128	1301166	41.74	ng	99
32) Benzoic acid	8.01	122	208483	29.33	ng	98
33) 4-Chloroaniline	8.32	127	107402	8.52	ng	96
34) Hexachlorobutadiene	8.40	225	213515	43.97	ng	99
35) Caprolactam	8.70	113	131152m	46.52	ng	
36) 4-Chloro-3-methylphenol	8.80	107	424393	43.34	ng	96
37) 2-Methylnaphthalene	8.97	142	900728	45.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	347632	42.03	ng	99
40) Hexachlorocyclopentadiene	9.13	237	397473	89.11	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	273658	44.45	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	269942	46.25	nq	# 90
45) 1,1'-Biphenyl	9.44	154	1049019	42.46	nq	93
46) 2-Chloronaphthalene	9.46	162	821977	43.65	nq	96
47) 2-Nitroaniline	9.56	65	272226	46.65	nq	# 79
48) Acenaphthylene	9.88	152	1212080	41.35	nq	98
49) Dimethylphthalate	9.74	163	981777	44.23	nq	100
50) 2,6-Dinitrotoluene	9.80	165	199072	41.92	nq	92
51) Acenaphthene	10.05	154	795108	44.68	nq	99
52) 3-Nitroaniline	9.96	138	89663	15.78	nq	# 71
53) 2,4-Dinitrophenol	10.07	184	167038	70.39	nq	# 53
54) Dibenzofuran	10.22	168	1048755	44.98	nq	99
55) 4-Nitrophenol	10.13	139	398312	89.22	nq	99
56) 2,4-Dinitrotoluene	10.21	165	275621	45.36	nq	# 63
57) Fluorene	10.56	166	783761	42.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184865	45.08	nq	99
59) Diethylphthalate	10.44	149	940947	43.69	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	384469	43.15	nq	89
61) 4-Nitroaniline	10.57	138	215365	40.53	nq	99
62) Azobenzene	10.71	77	983196	46.33	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	129595	40.40	nq	# 72
65) n-Nitrosodiphenylamine	10.68	169	778795	46.73	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	216914	41.69	nq	# 82
67) Hexachlorobenzene	11.11	284	236864	42.68	nq	# 76
68) Atrazine	11.20	200	269073	58.06	nq	94
69) Pentachlorophenol	11.30	266	261620	84.92	nq	100
70) Phenanthrene	11.52	178	1225211	43.63	nq	99
71) Anthracene	11.58	178	1280192	42.95	nq	99
72) Carbazole	11.73	167	1043634	39.93	nq	99
73) Di-n-butylphthalate	12.06	149	1434912	43.43	nq	99
74) Fluoranthene	12.71	202	1138882	40.42	nq	96
76) Benzidine	12.82	184	287677	23.68	nq	100
77) Pyrene	12.94	202	1151097	37.46	nq	99
79) Butylbenzylphthalate	13.56	149	578380	41.49	nq	87
80) Benzo(a)anthracene	14.13	228	946120	38.71	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	109735	14.23	nq	# 97
82) Chrysene	14.16	228	774036	34.29	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	739413	40.30	nq	# 97
84) Di-n-octyl phthalate	14.72	149	1053619	37.71	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	714697	40.57	nq	99
87) Benzo(b)fluoranthene	15.18	252	750817	42.03	nq	# 97
88) Benzo(k)fluoranthene	15.21	252	711637m	49.39	nq	
89) Benzo(a)pyrene	15.55	252	657866	44.45	nq	# 97
90) Dibenzo(a,h)anthracene	17.10	278	603926	47.80	nq	100
91) Benzo(g,h,i)perylene	17.53	276	604767	47.60	nq	99

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

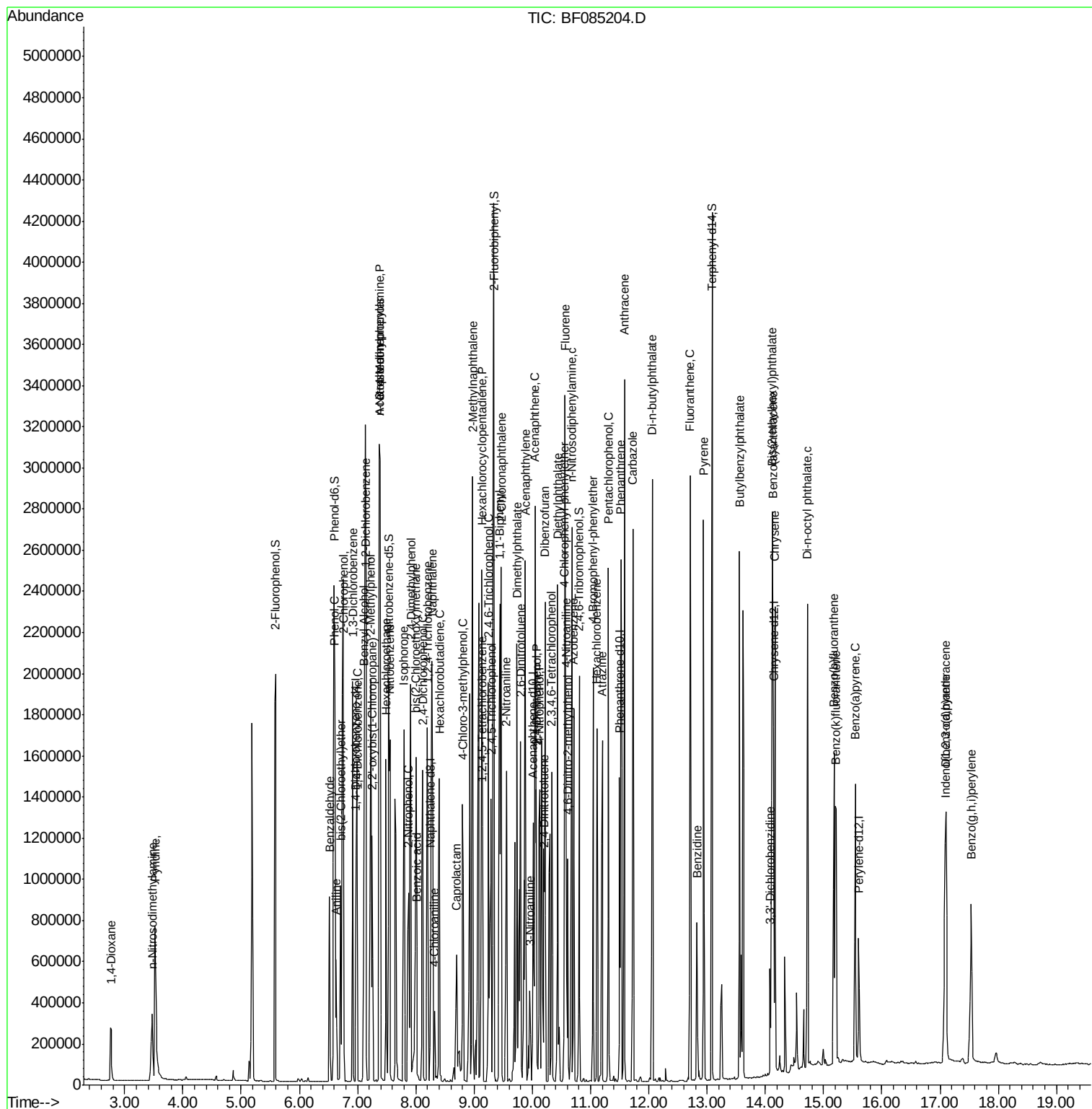
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Operator  : SJ/IZ  
Sample    : PB88682BS  
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ALS Vial  : 4 Sample Multiplier: 1
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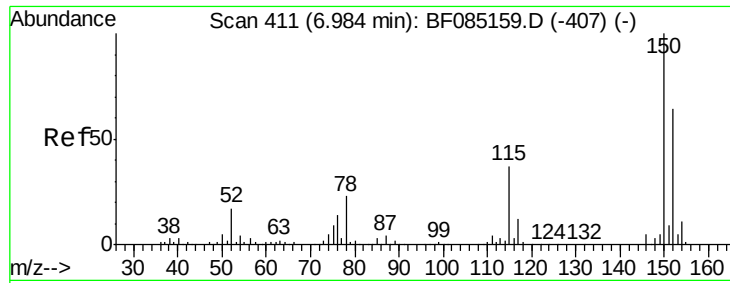
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BNA_F
ClientSampleId :
PB88682BS

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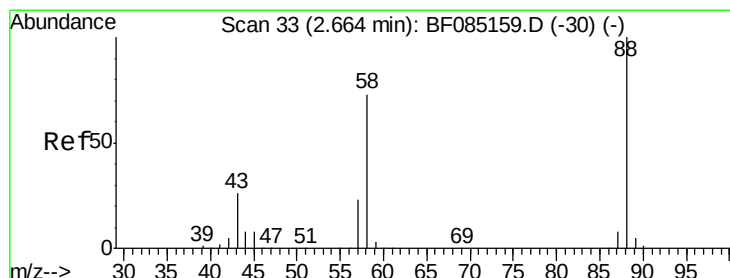
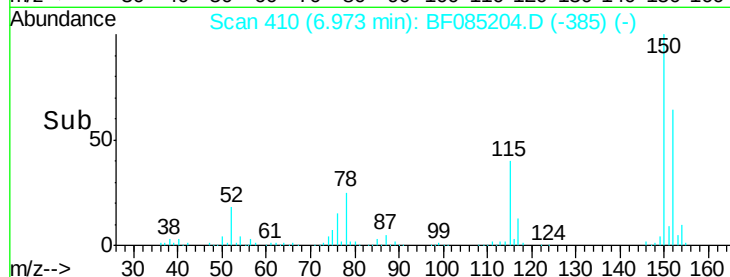
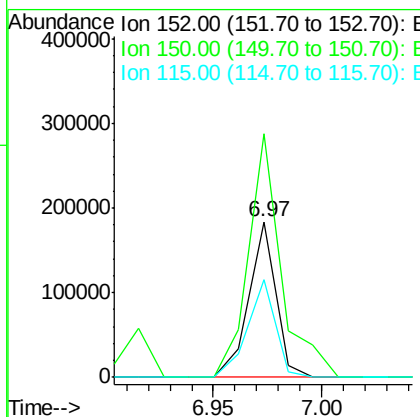
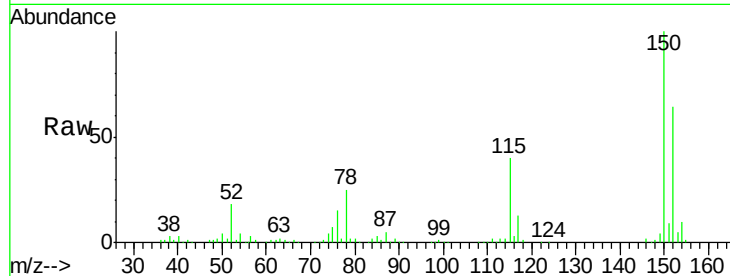
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	158959		
150	156.3	124.6	186.8	
115	62.4	46.6	70.0	

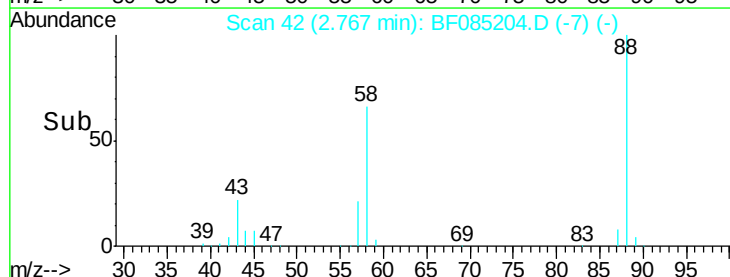
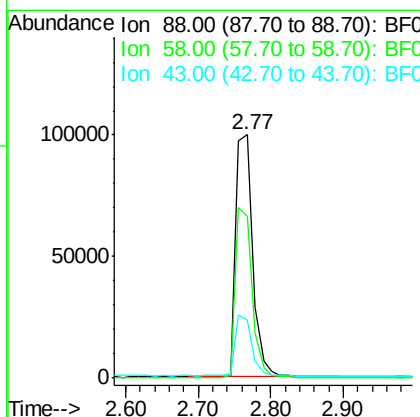
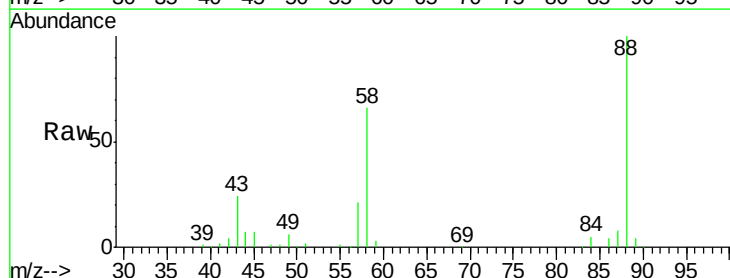
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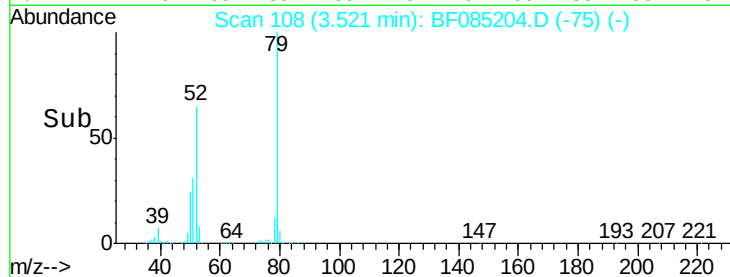
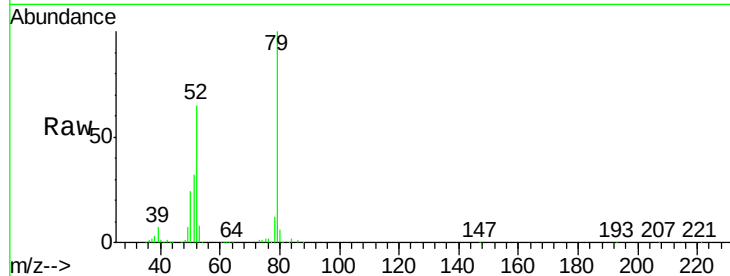
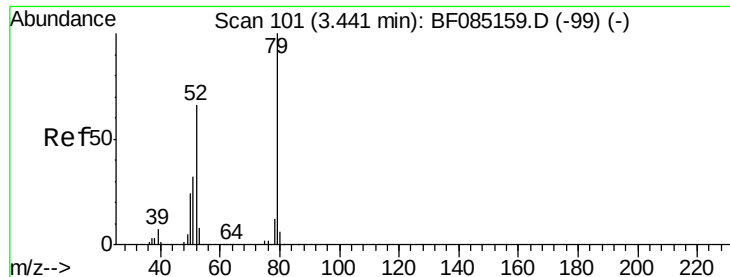
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#2
 1,4-Dioxane
 Concen: 33.55 ng
 RT: 2.77 min Scan# 42
 Delta R.T. 0.10 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	162608		
58	69.3	57.0	85.6	
43	24.9	20.5	30.7	





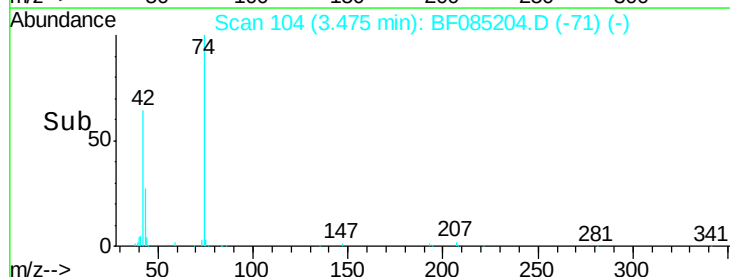
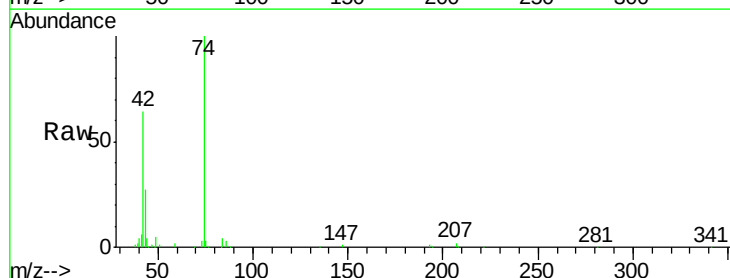
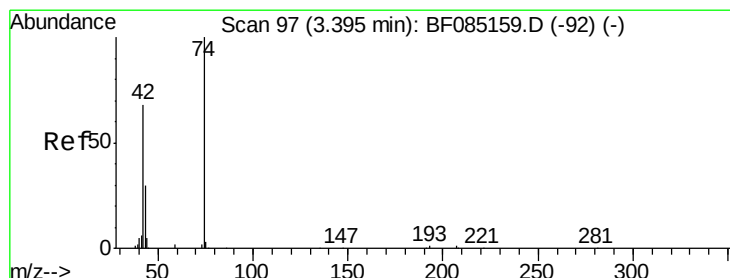
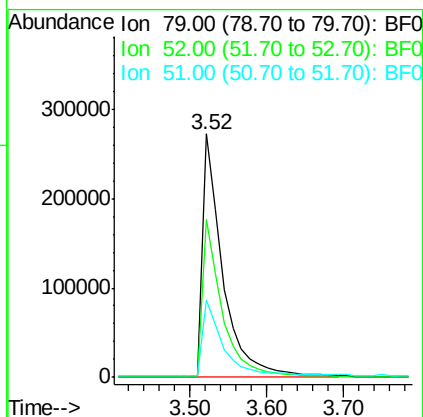
#3
Pvridine
Concen: 40.92 ng
RT: 3.52 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tot Ion:	79	Resp:	496356
Ion Ratio	Lower	Upper	
79	100		
52	65.0	52.6	79.0
51	31.9	25.8	38.8

Instrument :
BNA_F
ClientSampleId :
PB88682BS

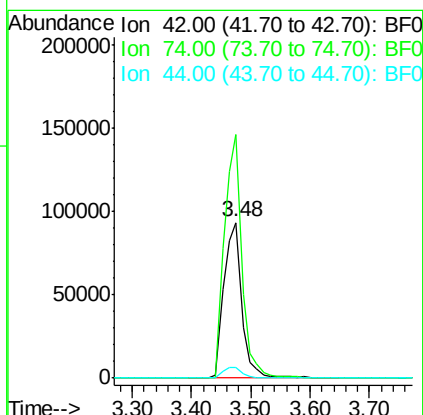
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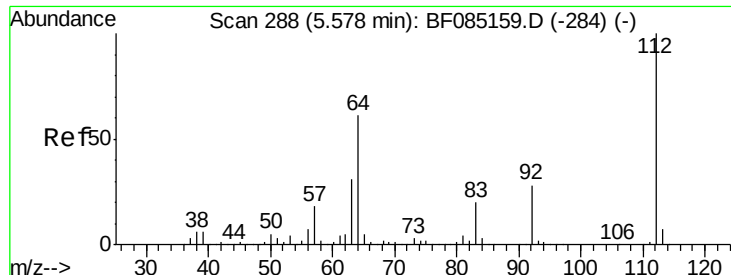
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#4
n-Nitrosodimethylamine
Concen: 37.73 ng
RT: 3.48 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:	42	Resp:	195872
Ion Ratio	Lower	Upper	
42	100		
74	156.3	116.8	175.2
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 89.23 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

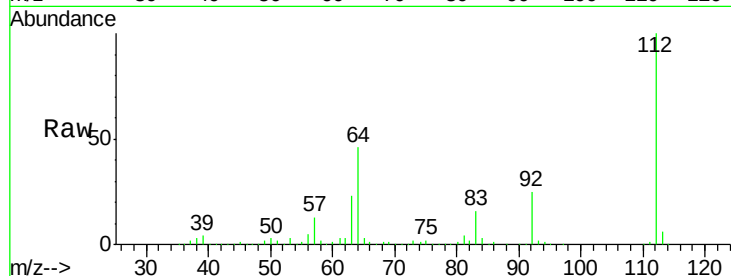
ClientSampleId :

PB88682BS

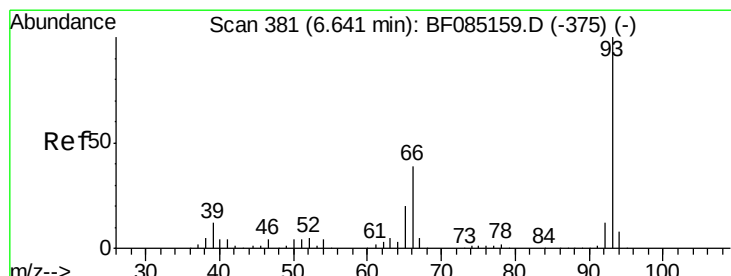
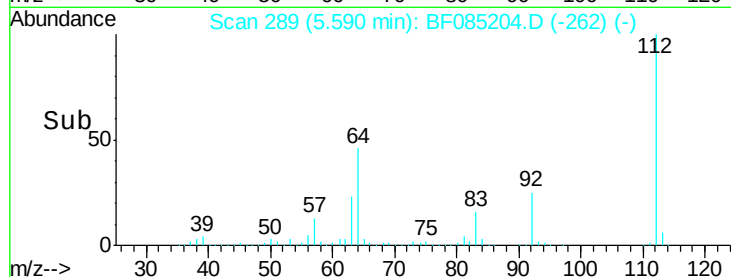
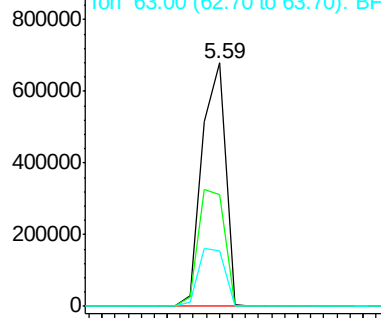
Tot Ion:	112	Resp:	845613
Ion Ratio	Lower	Upper	
112	100		
64	45.7	49.0	73.4#
63	22.7	24.8	37.2#

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 15.96 ng

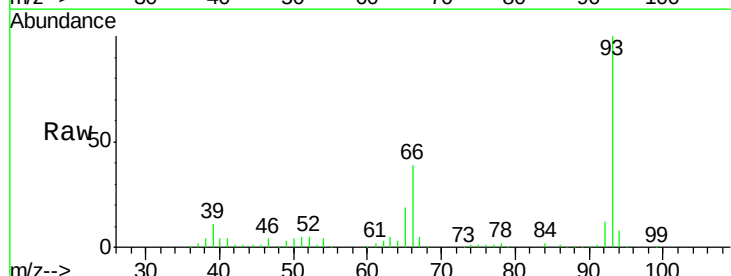
RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

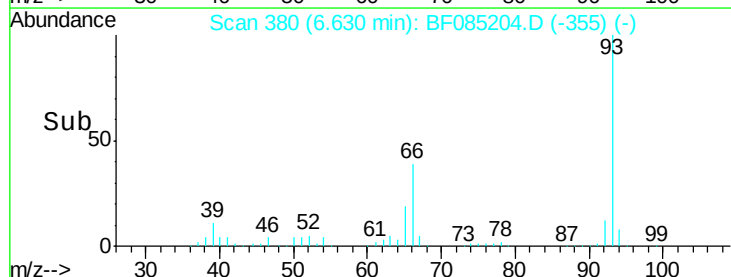
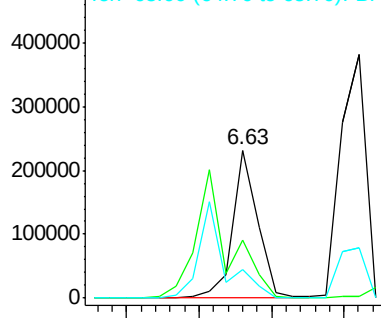
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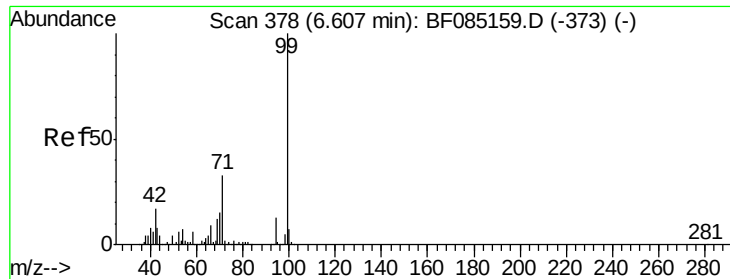
Acq: 4 Mar 2016 15:58

Tgt Ion:	93	Resp:	277694
Ion Ratio	Lower	Upper	
93	100		
66	39.2	31.6	47.4
65	19.1	15.8	23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 79.89 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

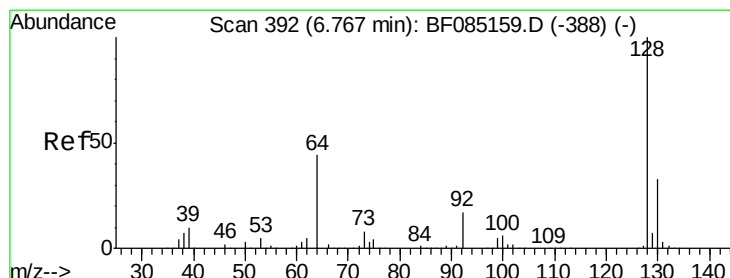
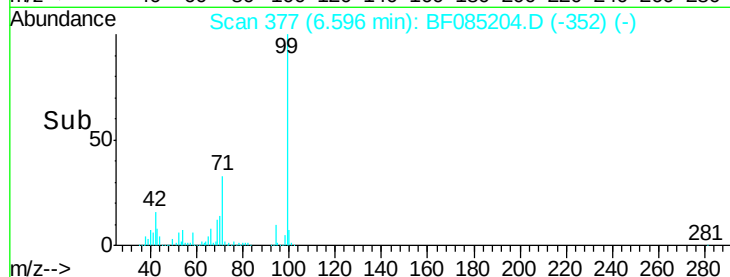
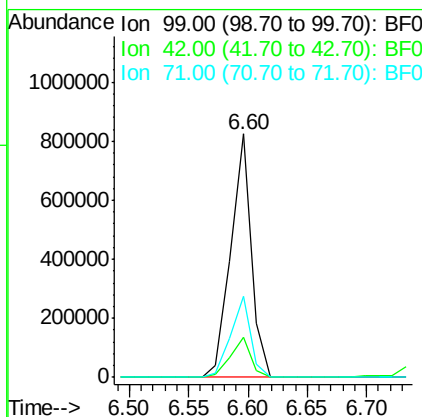
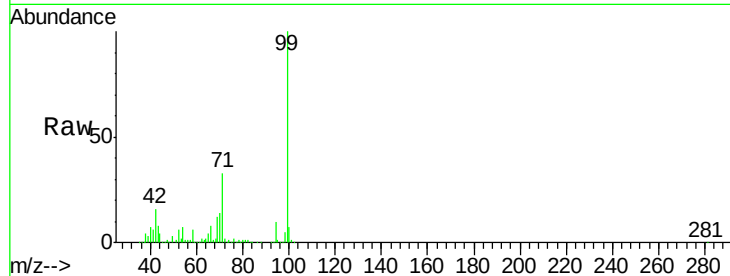
ClientSampleId :

PB88682BS

Tot Ion:	99	Resp:	991920
Ion Ratio		Lower	Upper
99	100		
42	16.3	13.6	20.4
71	33.2	26.7	40.1

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#8

2-Chlorophenol

Concen: 40.11 ng

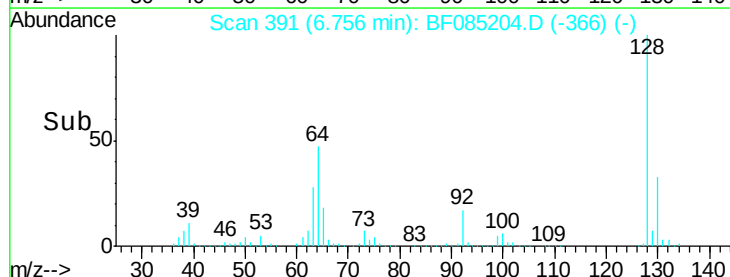
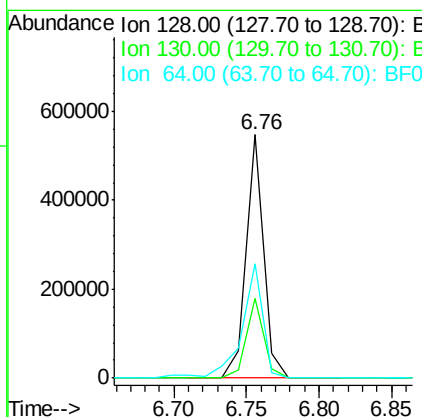
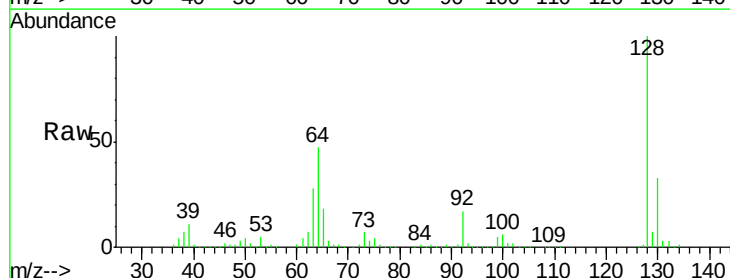
RT: 6.76 min Scan# 391

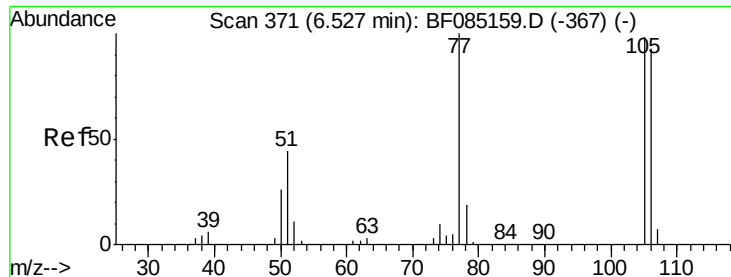
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	128	Resp:	457639
Ion Ratio		Lower	Upper
128	100		
130	32.9	13.3	53.3
64	47.2	25.7	65.7





#9

Benzaldehyde

Concen: 25.18 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampled :

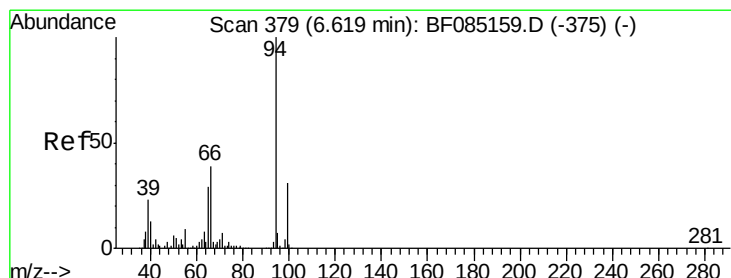
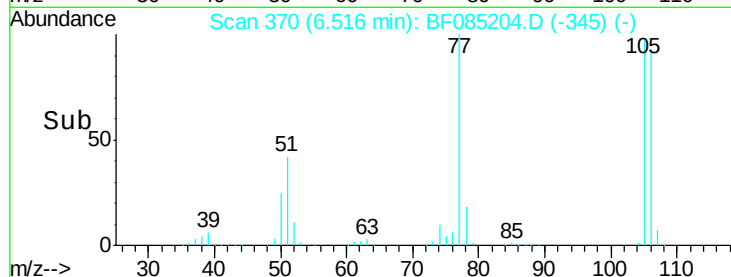
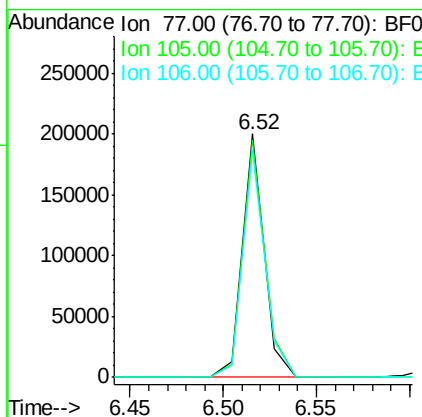
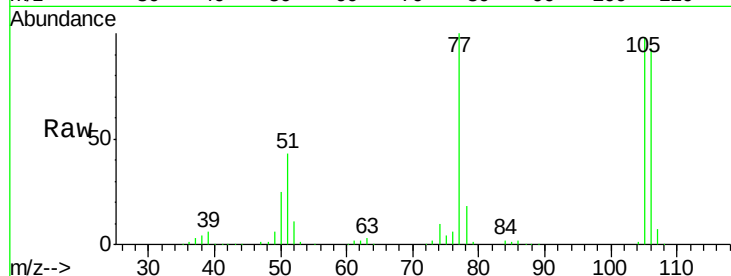
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Tot Ion:	77	Resp:	163126
Ion Ratio	Lower	Upper	
77	100		
105	97.6	78.2	118.2
106	93.3	72.9	112.9



#10

Phenol

Concen: 38.27 ng m

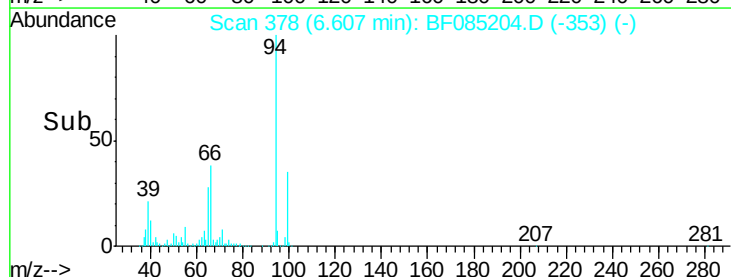
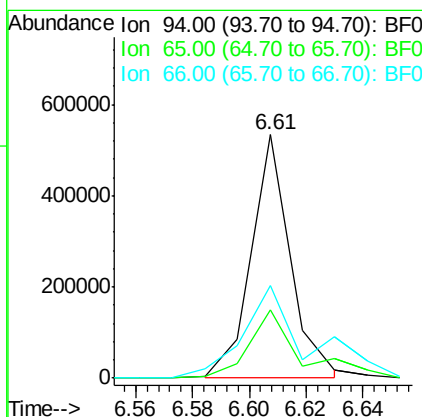
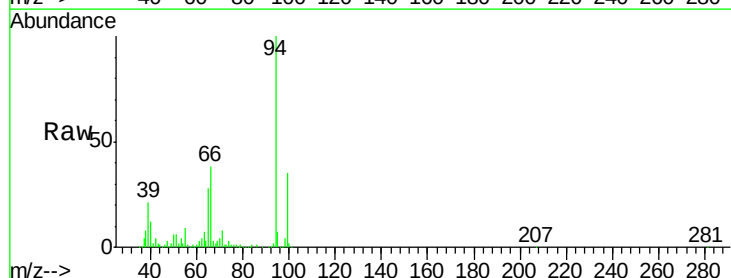
RT: 6.61 min Scan# 378

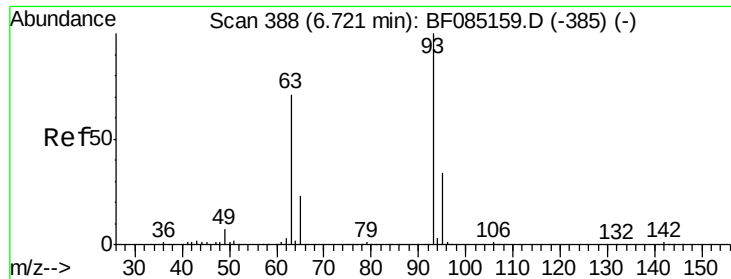
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	94	Resp:	508958
Ion Ratio	Lower	Upper	
94	100		
65	28.3	9.1	49.1
66	37.8	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 41.22 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

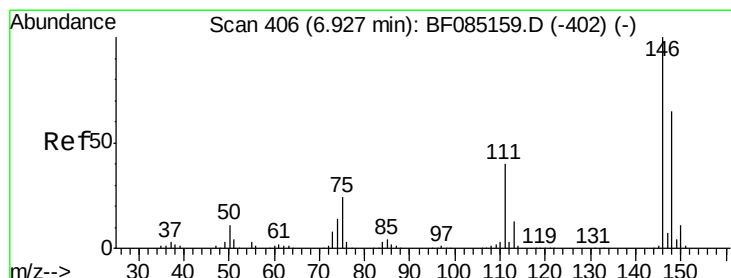
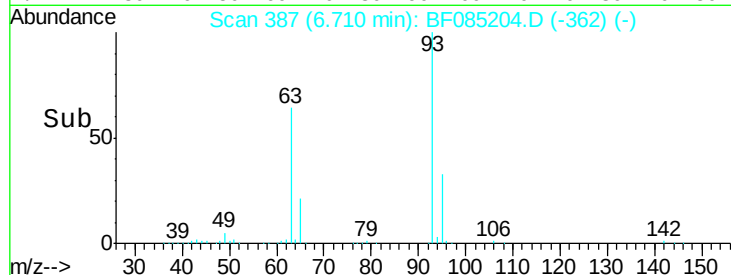
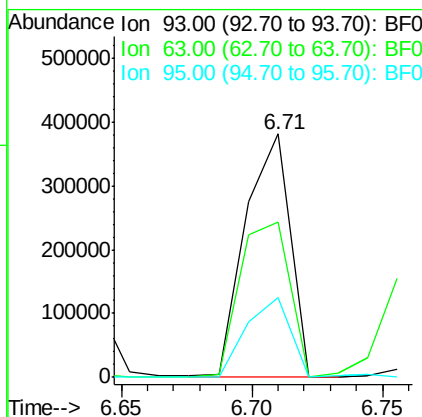
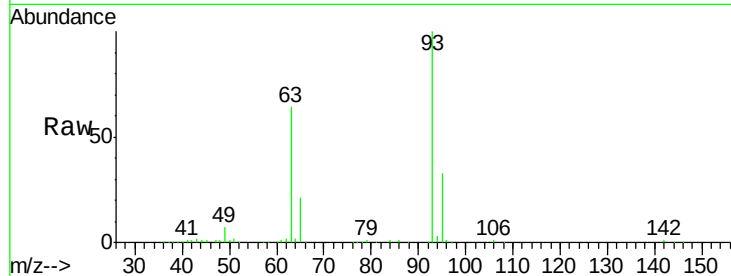
ClientSampleID :

PB88682BS

Tot Ion:	93	Resp:	455248
Ion Ratio	Lower	Upper	
93	100		
63	63.6	50.9	90.9
95	32.9	13.7	53.7

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#12

1,3-Dichlorobenzene

Concen: 40.81 ng

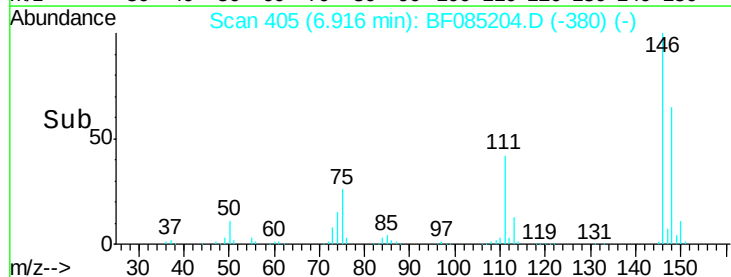
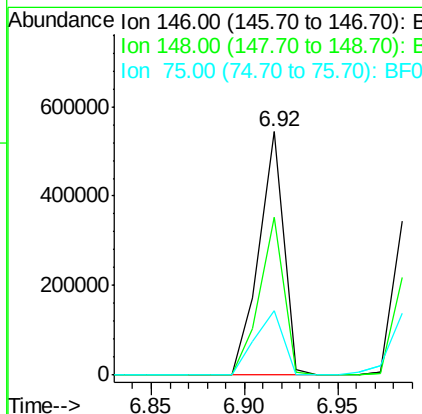
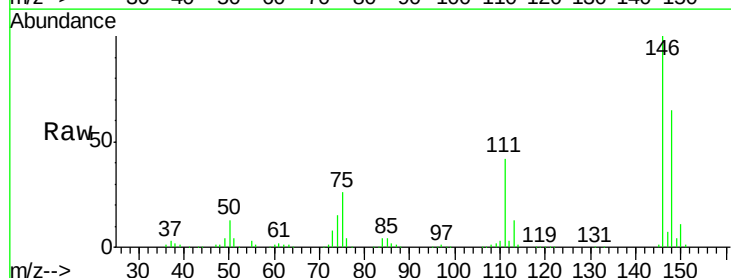
RT: 6.92 min Scan# 405

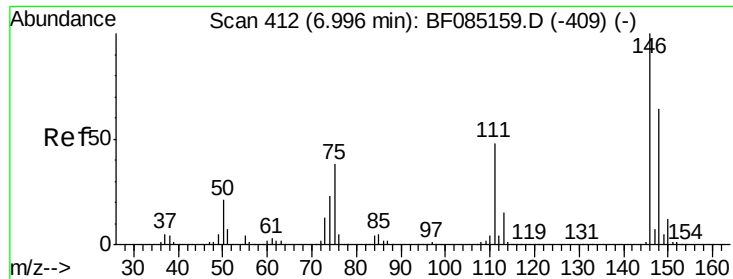
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	146	Resp:	499905
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.1	78.1
75	26.3	19.5	29.3





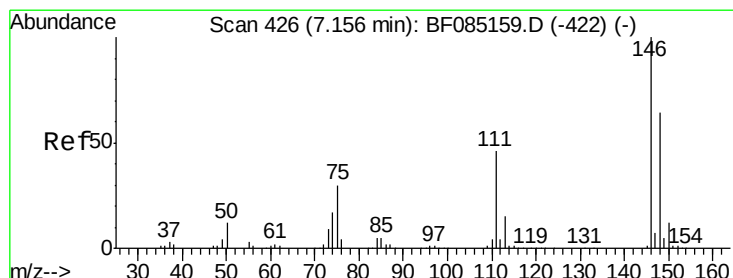
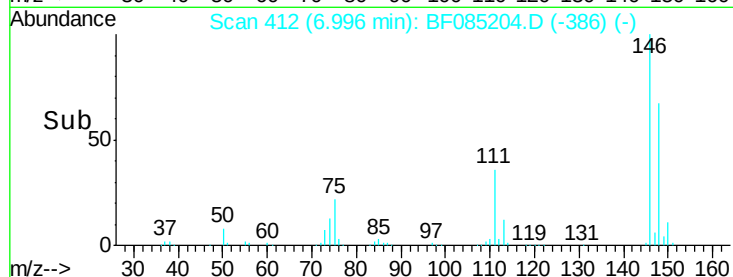
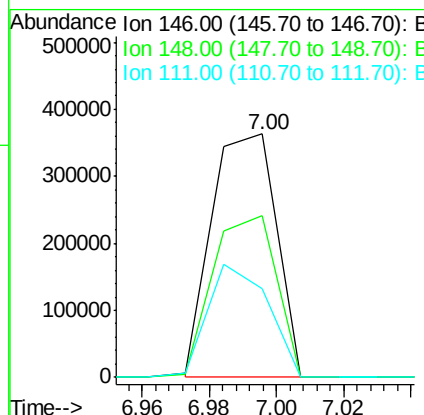
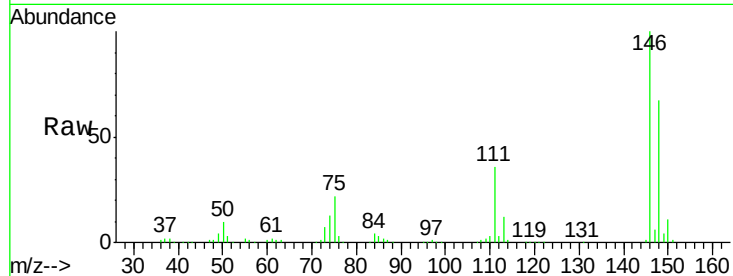
#13
 1,4-Dichlorobenzene
 Concen: 39.63 ng/mL
 RT: 7.00 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleID :
 PB88682BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.3	76.9
111	36.3	38.4	57.6

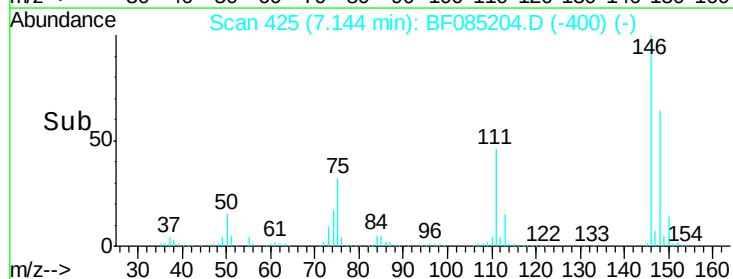
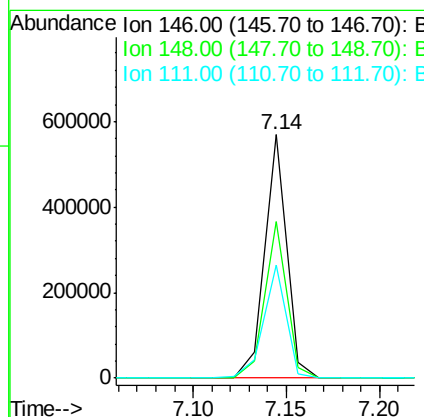
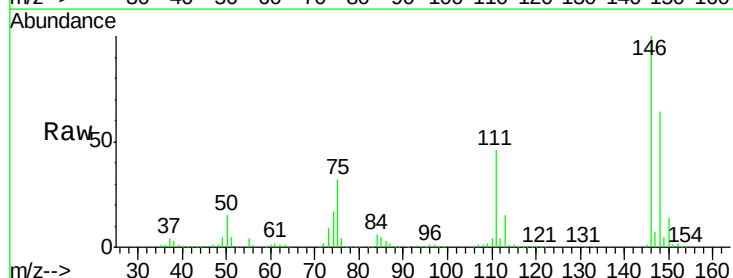
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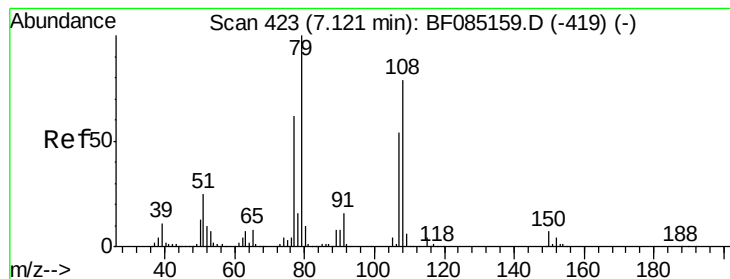
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#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng/mL
 RT: 7.14 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	46.3	36.7	55.1





#15

Benzyl Alcohol

Concen: 43.48 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

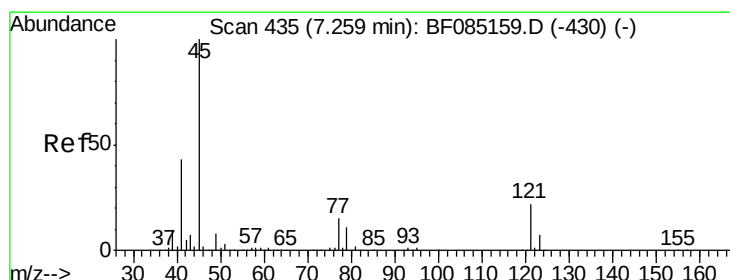
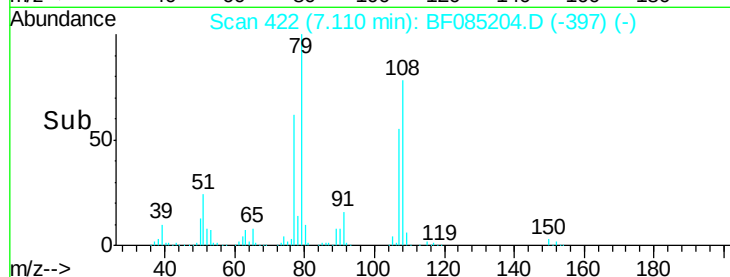
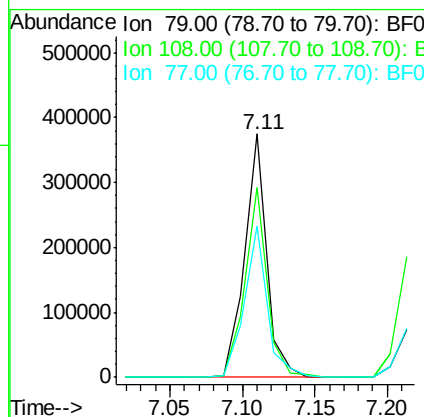
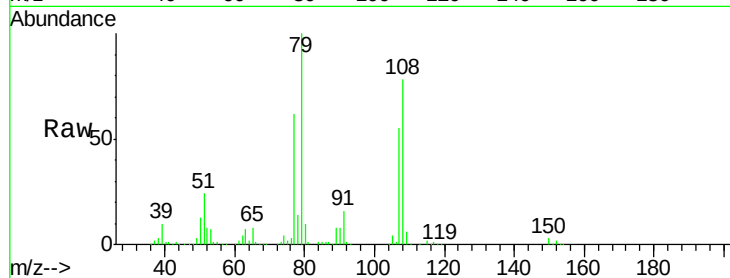
ClientSampleId :

PB88682BS

Tot Ion:	79	Resp:	396308
Ion Ratio	Lower	Upper	
79	100		
108	78.1	62.9	94.3
77	62.0	49.5	74.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.36 ng

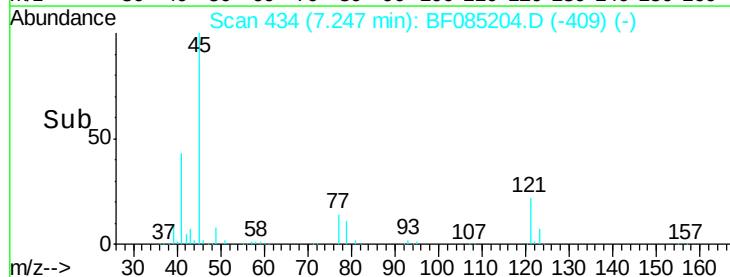
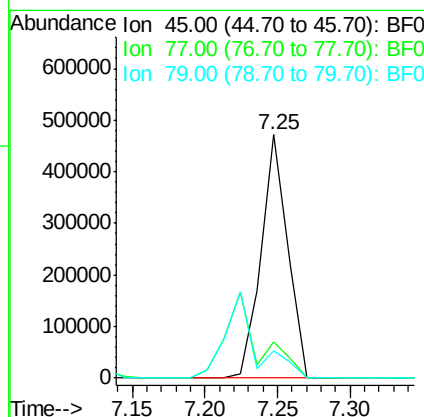
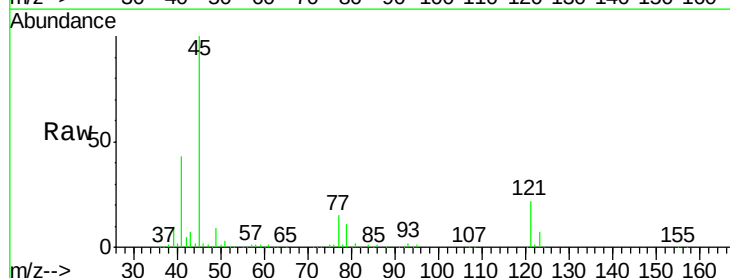
RT: 7.25 min Scan# 434

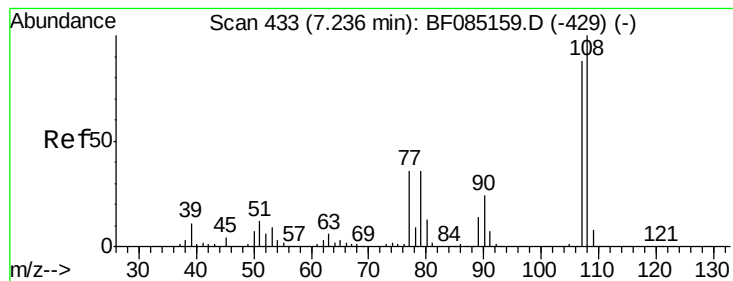
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	45	Resp:	594814
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	35.1
79	11.3	0.0	31.3





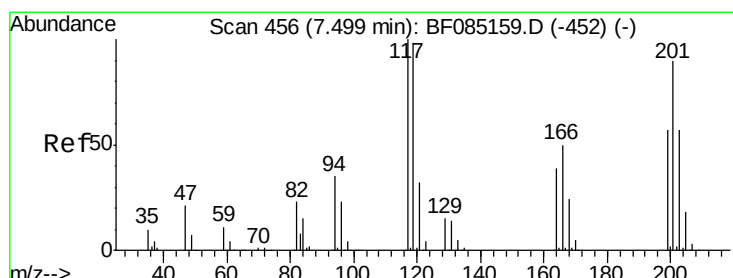
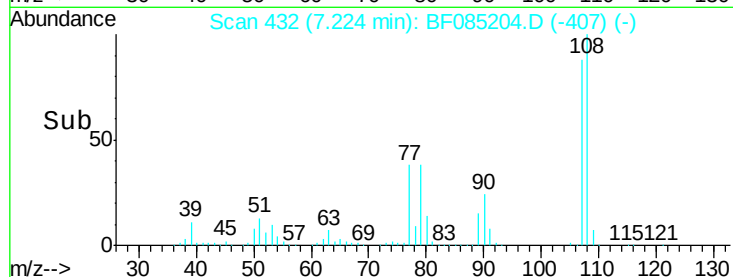
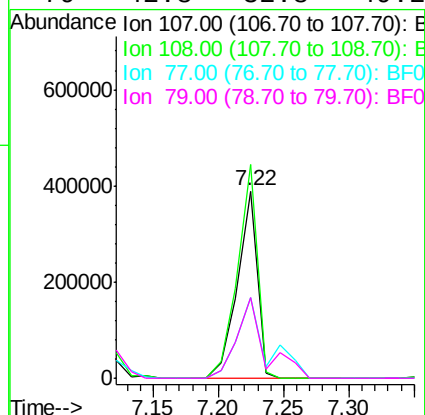
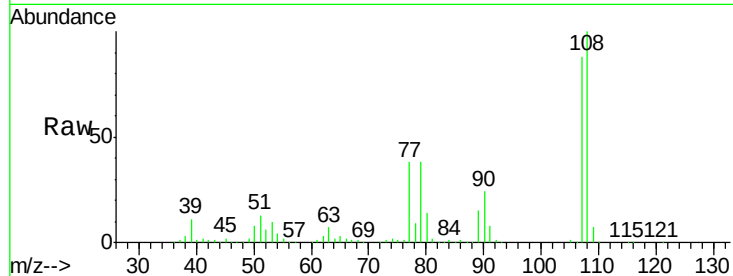
#17
2-Methylphenol
Concen: 44.28 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion:	107	Resp:	412171
Ion Ratio	Lower	Upper	
107	100		
108	114.0	90.9	136.3
77	43.1	32.6	48.8
79	42.8	32.8	49.2

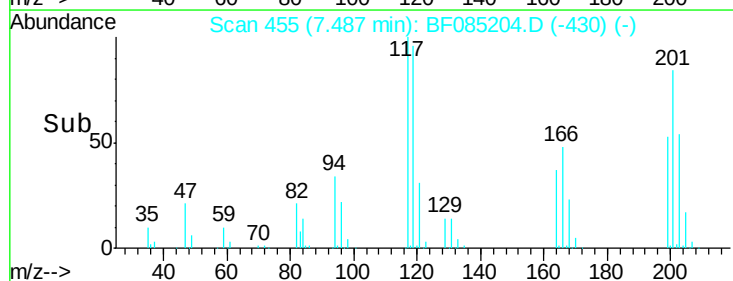
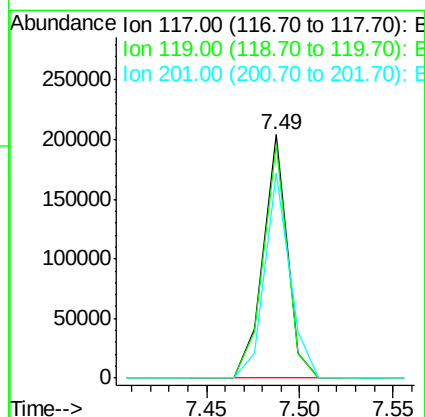
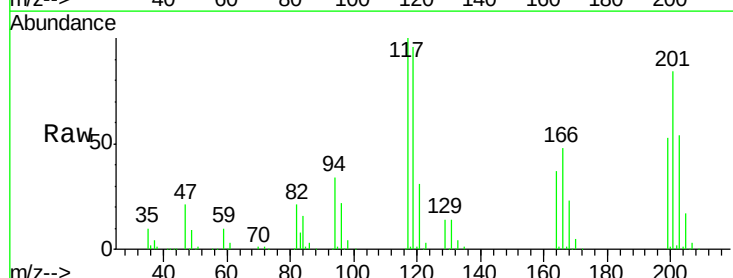
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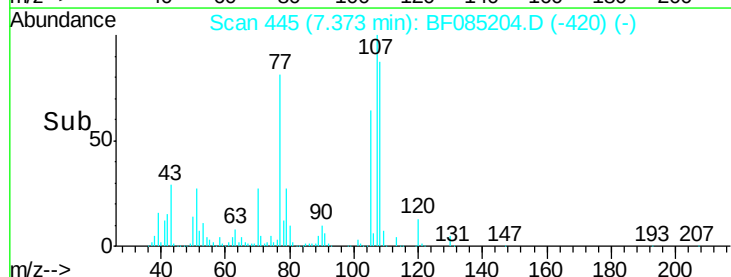
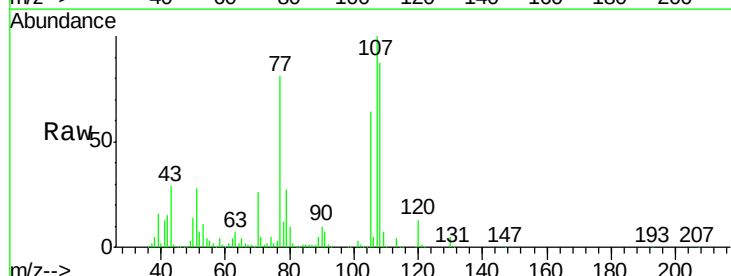
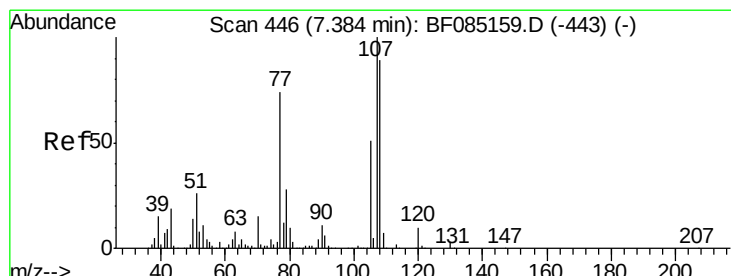
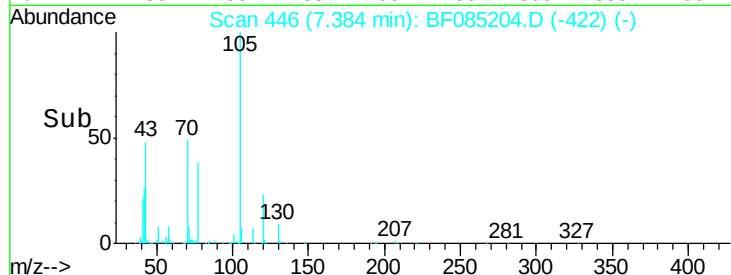
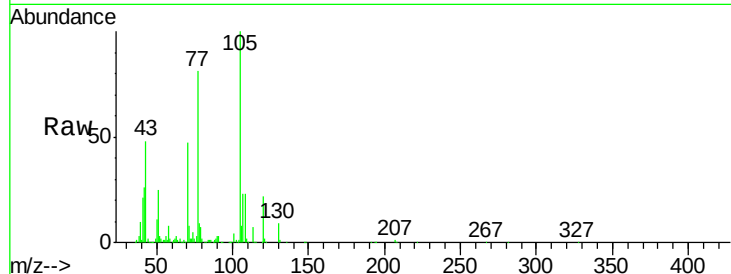
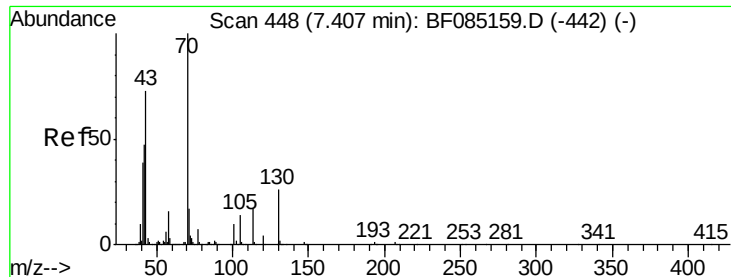
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#18
Hexachloroethane
Concen: 40.26 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:	117	Resp:	182314
Ion Ratio	Lower	Upper	
117	100		
119	96.1	78.2	117.4
201	84.1	72.0	108.0





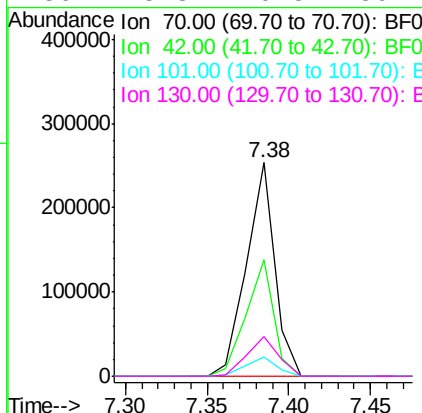
#19
n-Nitroso-di-n-propylamine
Concen: 37.57 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	37.7	56.5
101	9.1	8.2	12.4
130	18.8	20.5	30.7#

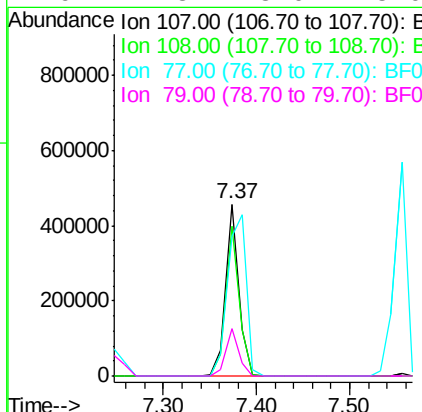
Manual Integrations
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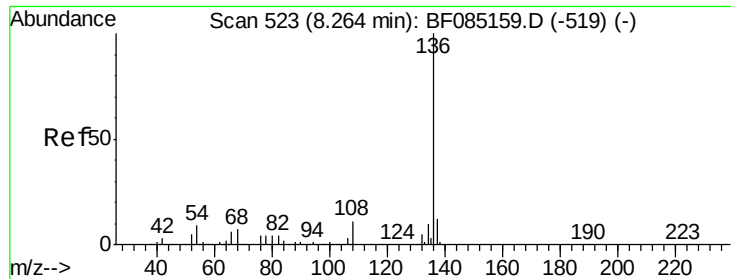
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#20
3+4-Methylphenols
Concen: 40.80 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.8	108.8
77	80.9	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: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

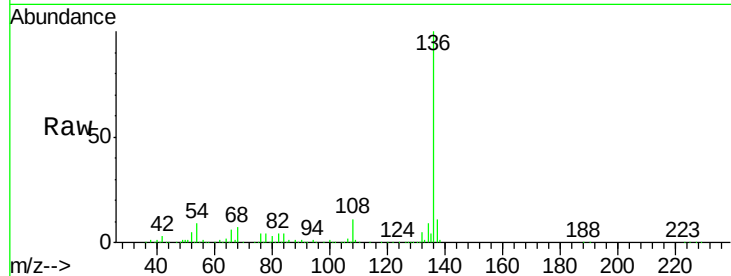
ClientSampleId :

PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	633985		
137	11.2	9.3	13.9	
54	9.1	7.4	11.2	
68	7.4	6.0	9.0	

Manual Integrations
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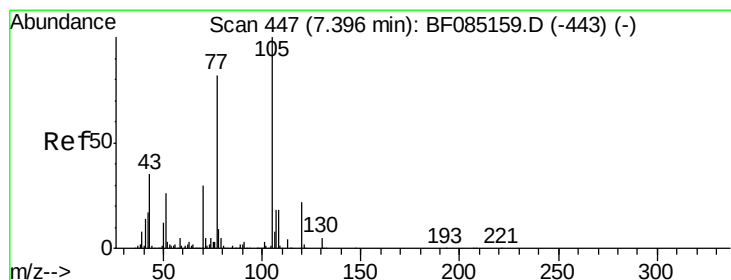
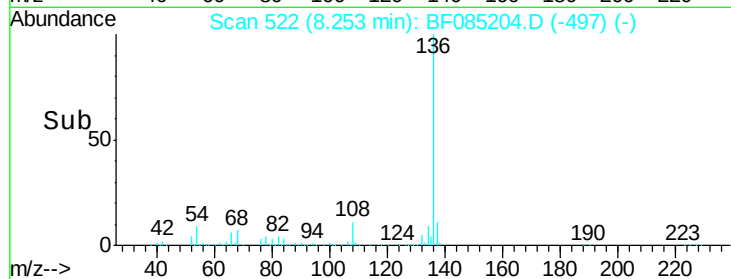
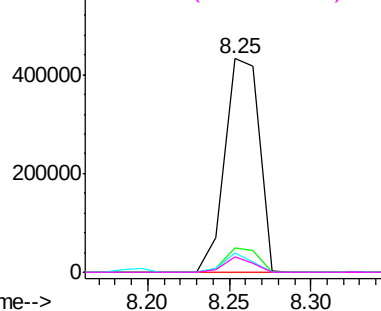
Abundance

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



#22

Acetophenone

Concen: 39.76 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	615276		
71	8.2	4.1	6.1#	
51	24.6	21.1	31.7	
120	22.1	17.3	25.9	

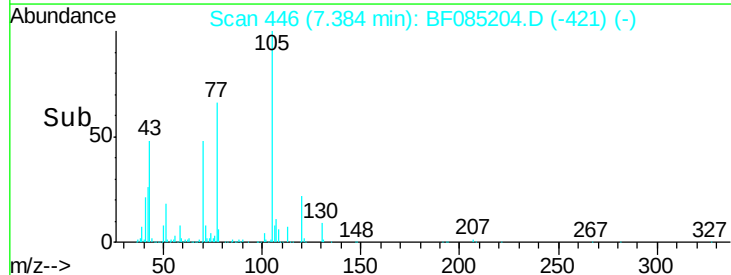
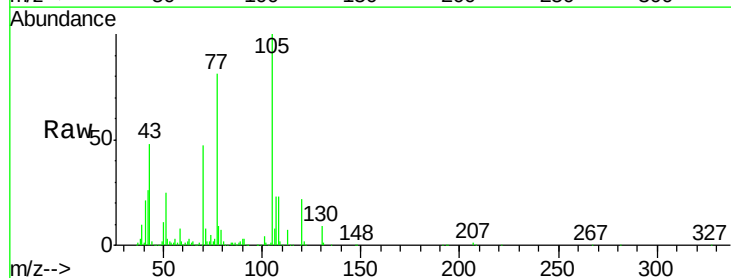
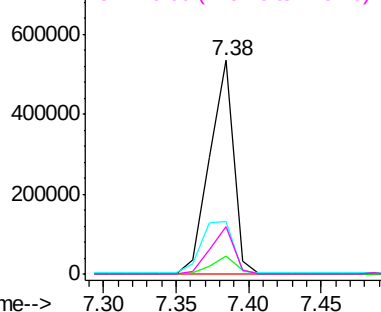
Abundance

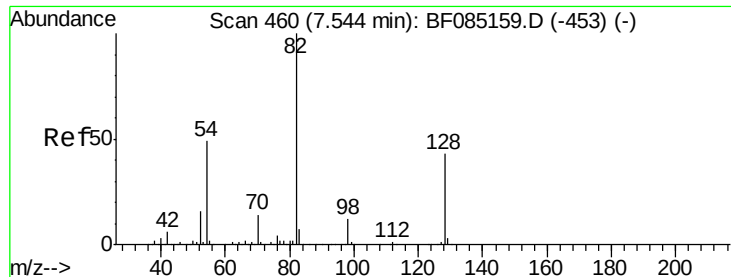
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.52 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

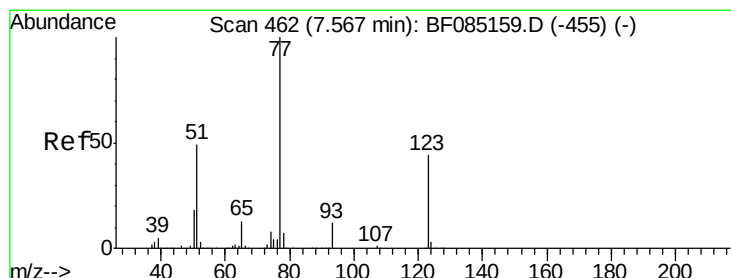
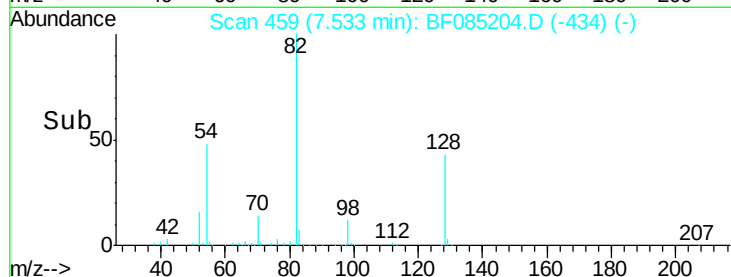
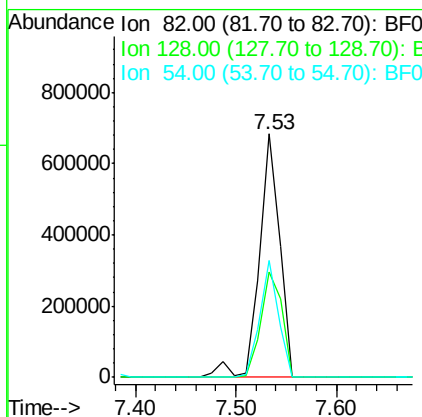
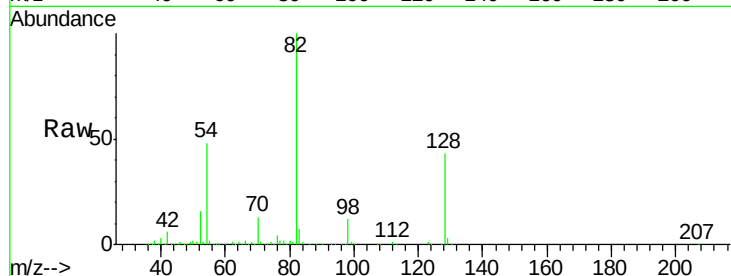
ClientSampleId :

PB88682BS

Tot Ion:	82	Resp:	953953
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.5	51.7
54	47.8	39.3	58.9

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#24

Nitrobenzene

Concen: 43.20 ng

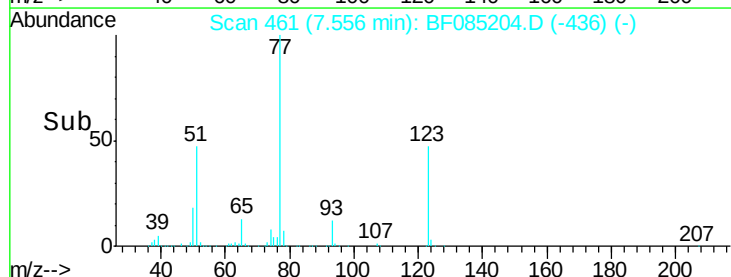
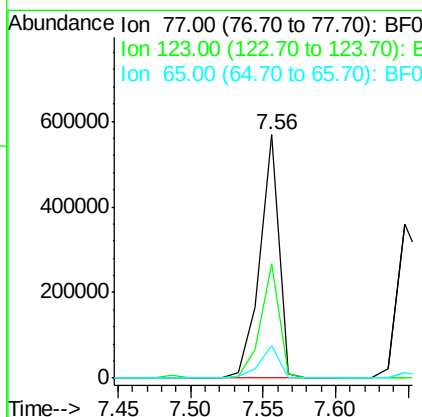
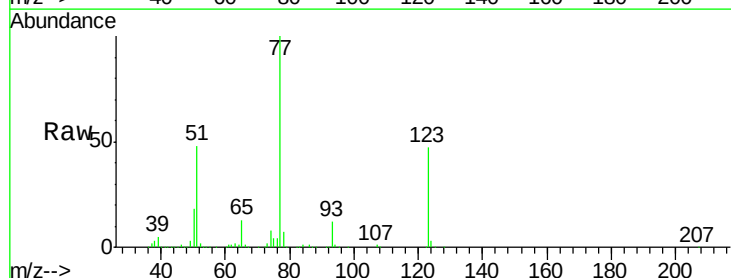
RT: 7.56 min Scan# 461

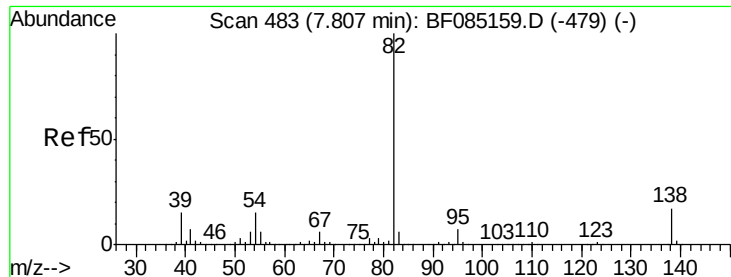
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	77	Resp:	519954
Ion Ratio	Lower	Upper	
77	100		
123	47.1	35.4	53.2
65	13.1	10.6	16.0





#25

Isophorone

Concen: 41.49 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

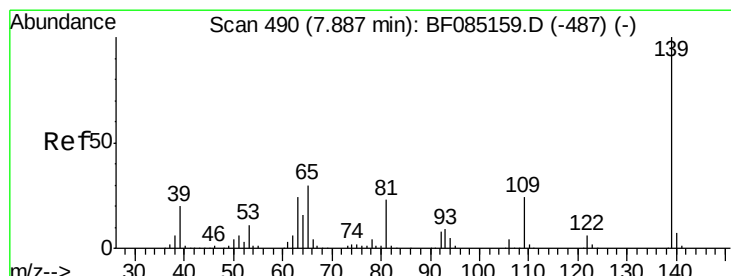
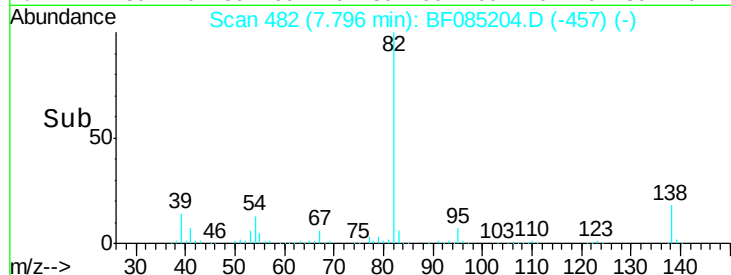
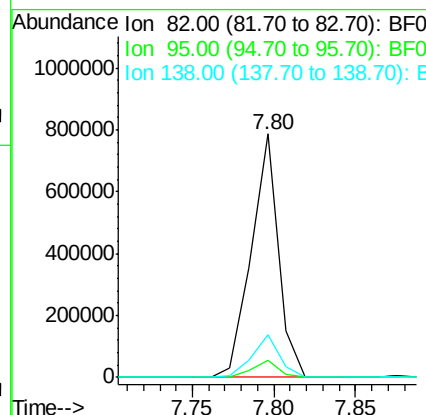
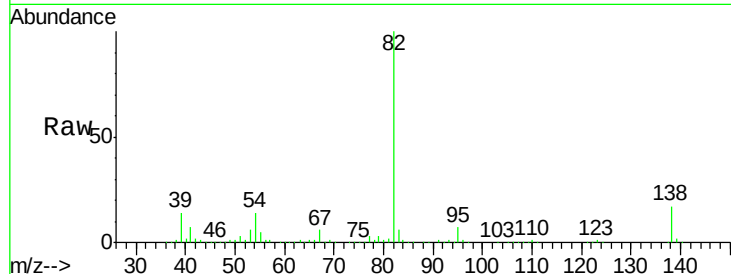
ClientSampled :

PB88682BS

Tot Ion:	82	Resp:	910846
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.5	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.66 ng

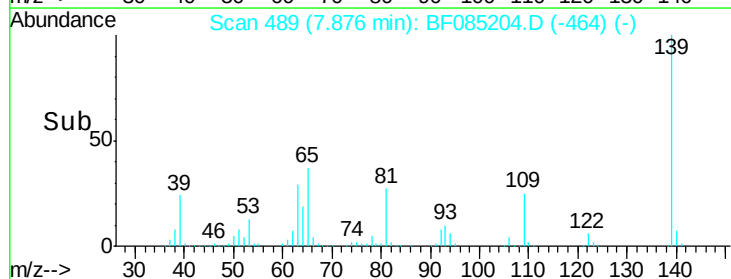
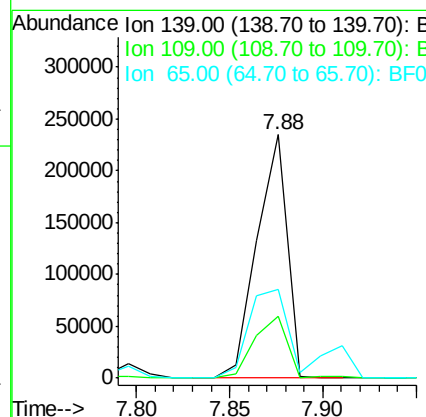
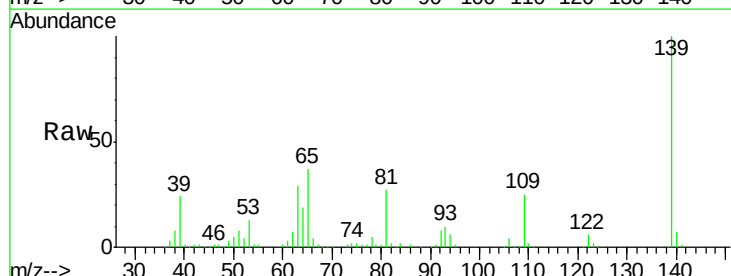
RT: 7.88 min Scan# 489

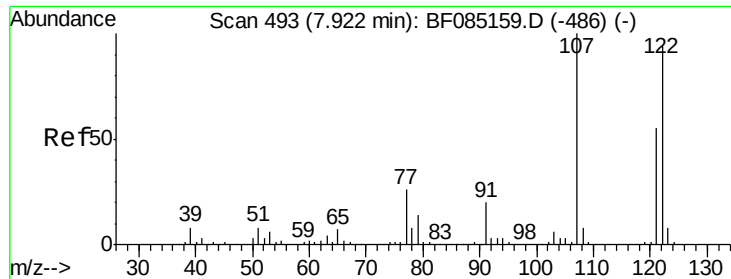
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	139	Resp:	261584
Ion Ratio		Lower	Upper
139	100		
109	25.3	19.1	28.7
65	36.7	23.9	35.9#





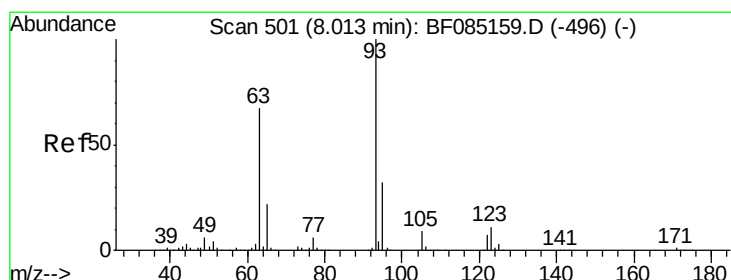
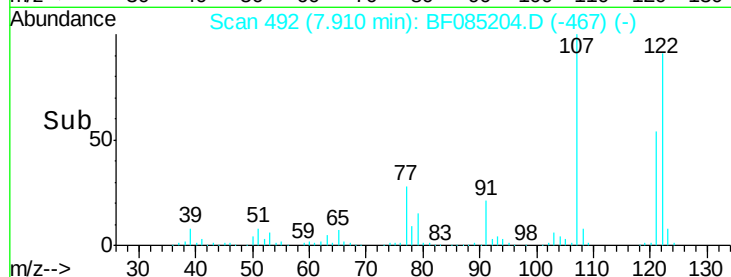
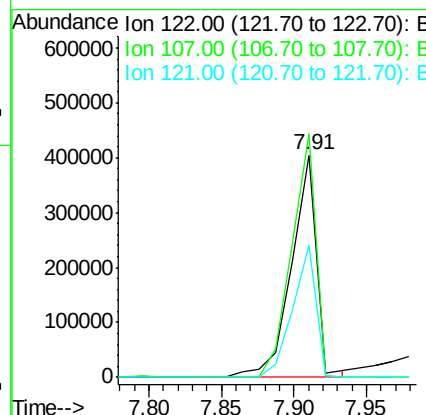
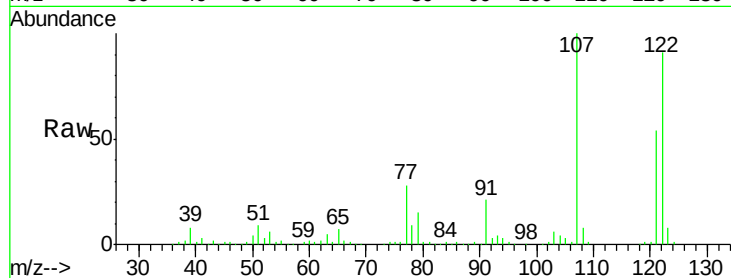
#27
2,4-Dimethylphenol
Concen: 45.23 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	484109		
107	109.4	84.8	127.2	
121	59.2	47.0	70.6	

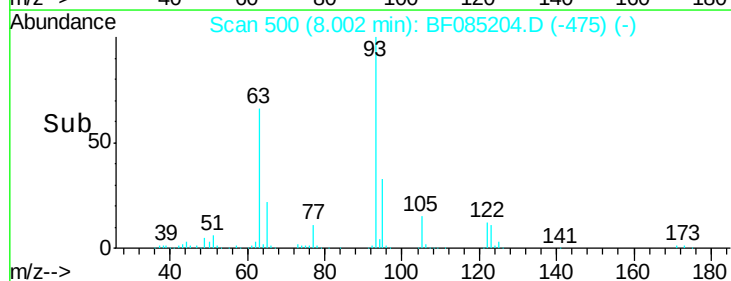
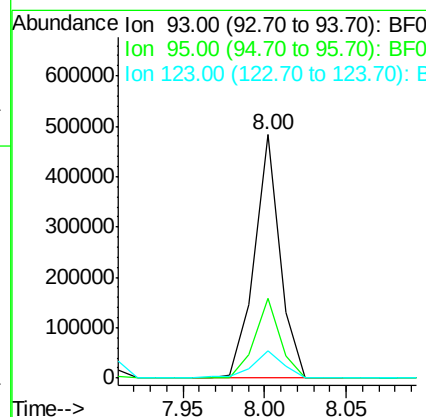
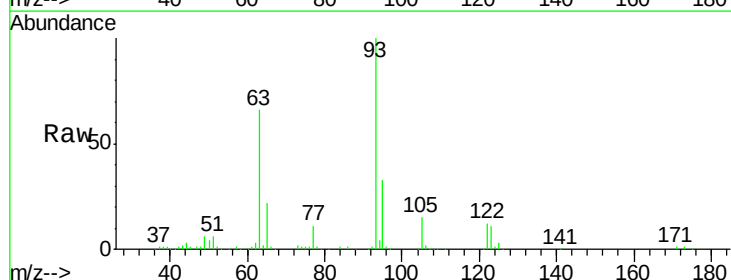
Manual Integrations
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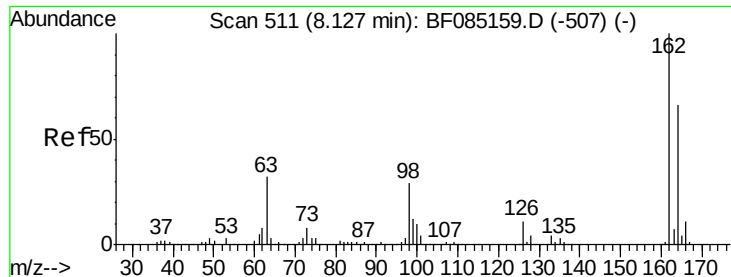
UMANGI
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#28
bis(2-Chloroethoxy)methane
Concen: 42.95 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	525194		
95	32.6	25.9	38.9	
123	11.3	8.8	13.2	





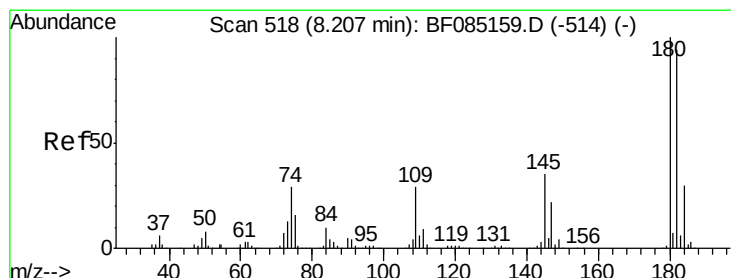
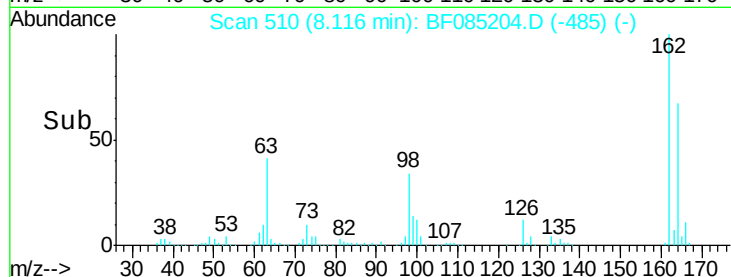
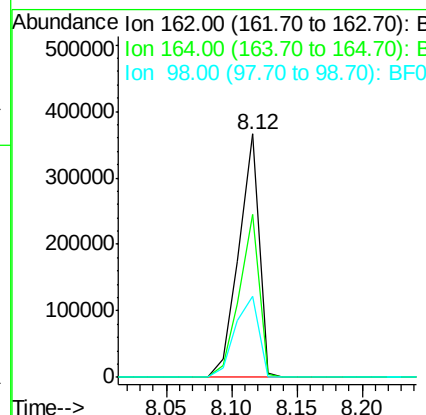
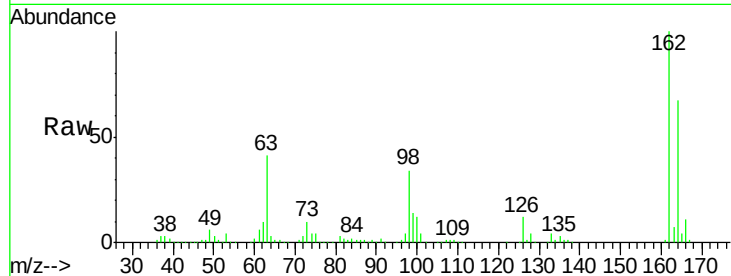
#29
 2,4-Dichlorophenol
 Concen: 45.64 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampled :
 PB88682BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.7	45.7	85.7
98	33.5	9.4	49.4

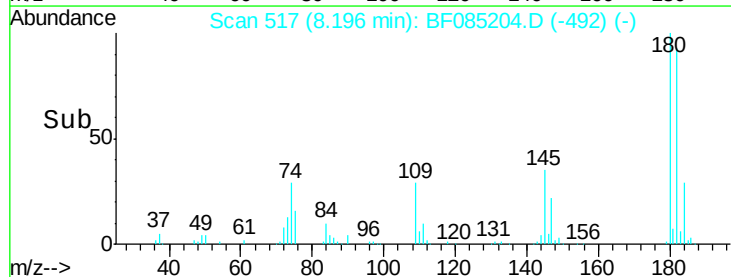
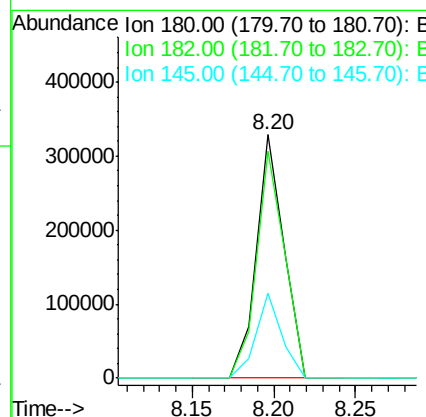
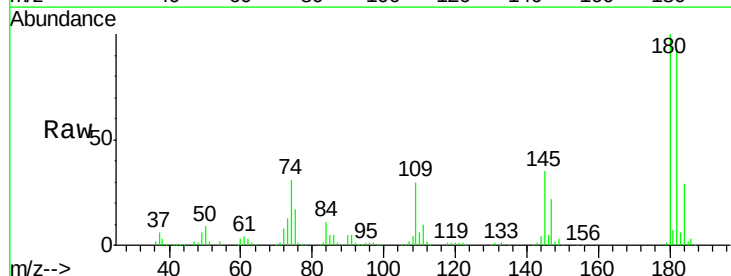
Manual Integrations
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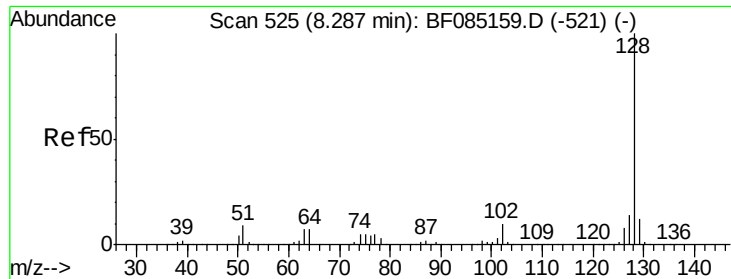
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.25 ng
 RT: 8.20 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.2	74.9	112.3
145	34.9	27.9	41.9





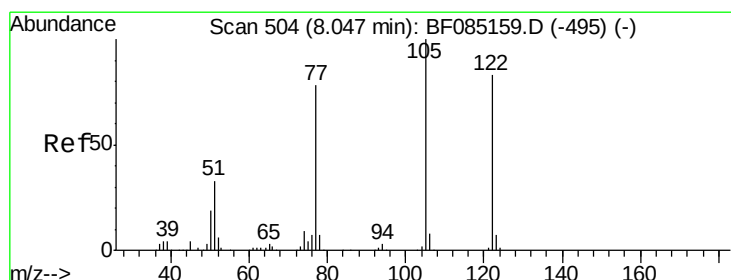
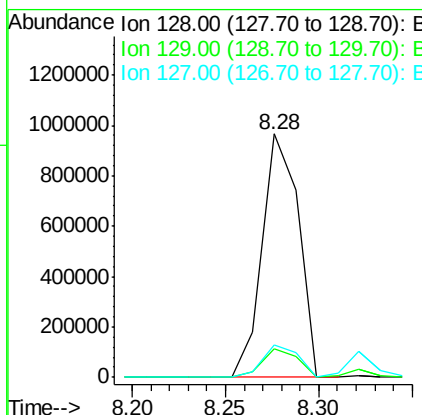
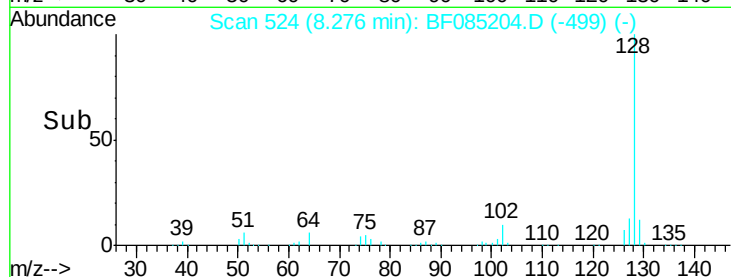
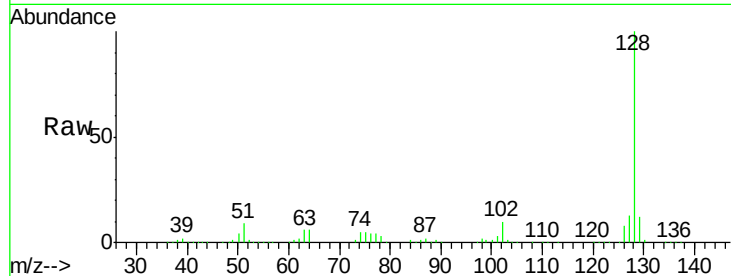
#31
Naphthalene
Concen: 41.74 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion:128 Resp: 1301166
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.4 11.2 16.8

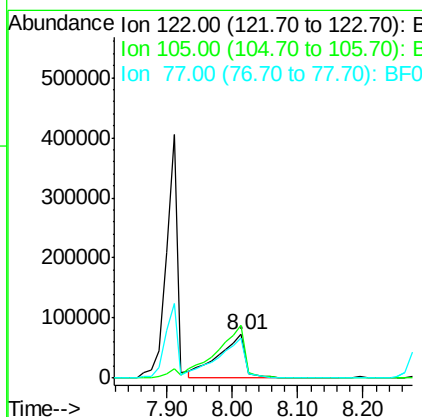
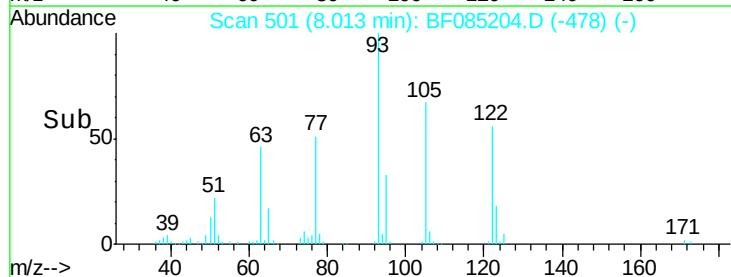
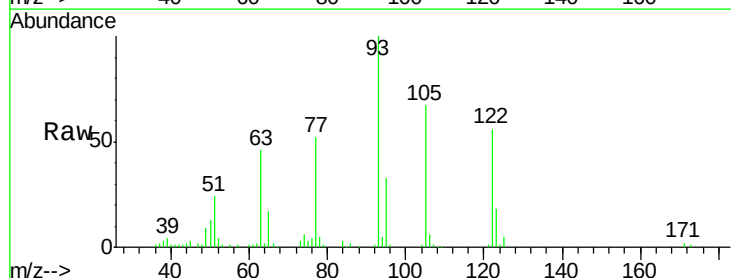
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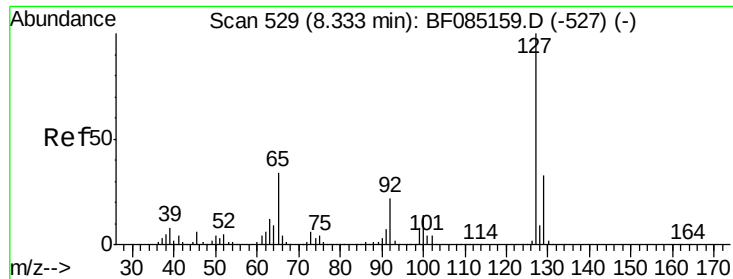
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#32
Benzoic acid
Concen: 29.33 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:122 Resp: 208483
Ion Ratio Lower Upper
122 100
105 120.2 101.3 141.3
77 92.5 74.7 114.7





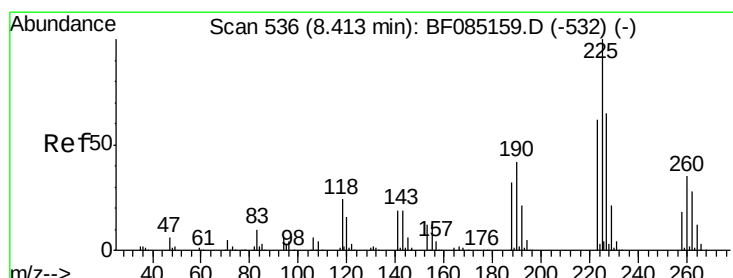
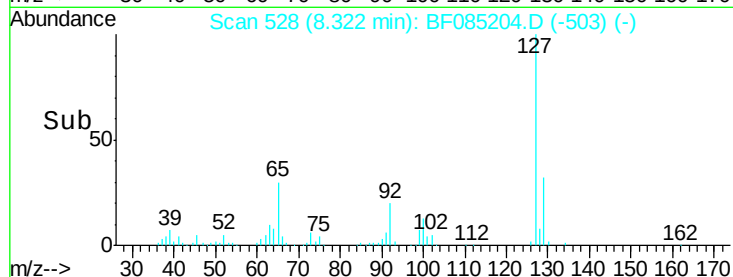
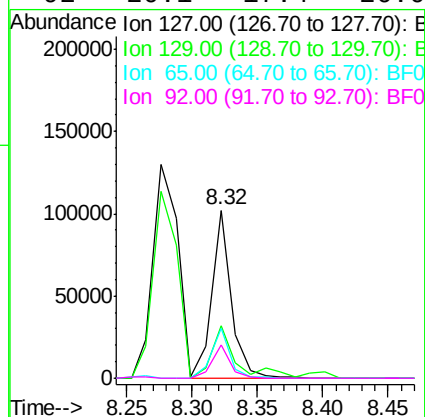
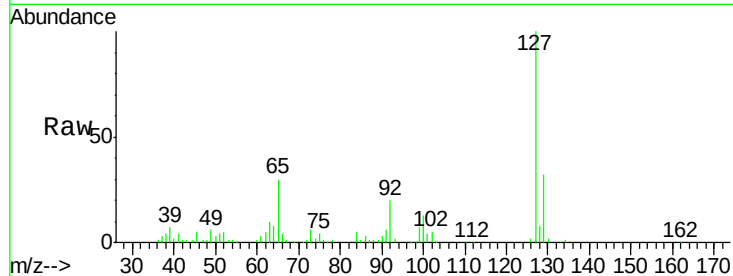
#33
4-Chloroaniline
Concen: 8.52 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.1	39.1		
65	30.0	27.0	40.6		
92	20.1	17.4	26.0		

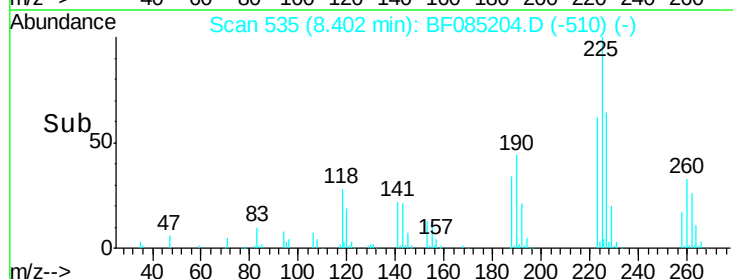
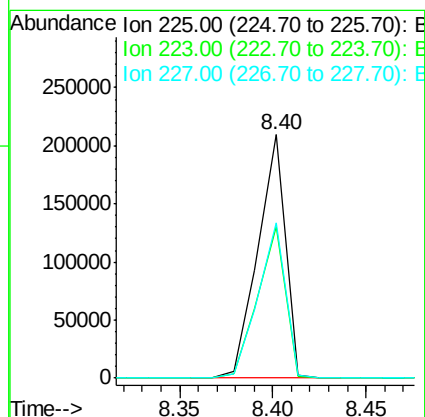
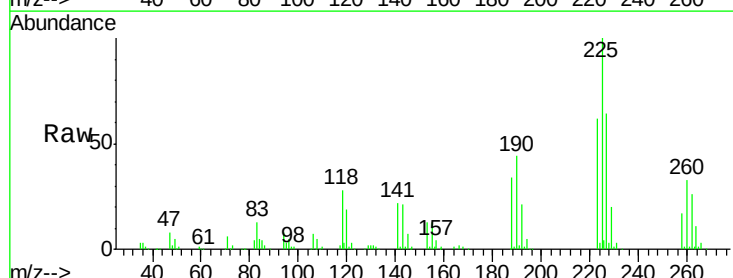
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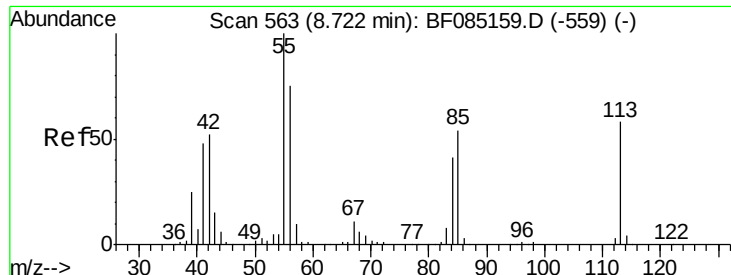
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#34
Hexachlorobutadiene
Concen: 43.97 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	49.7	74.5		
227	63.8	52.2	78.4		





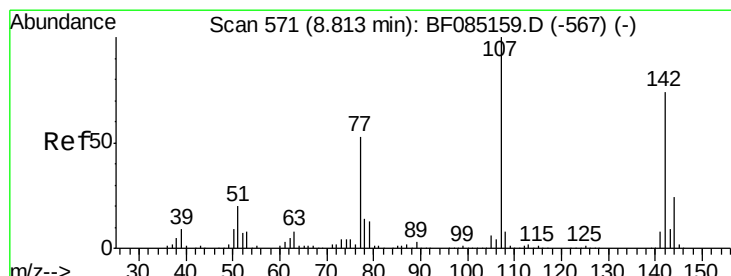
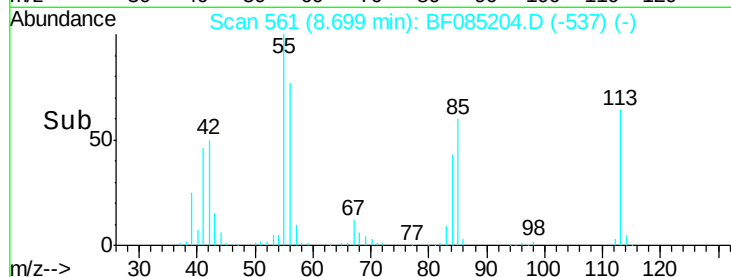
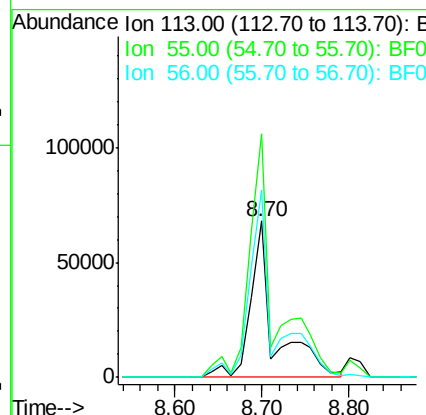
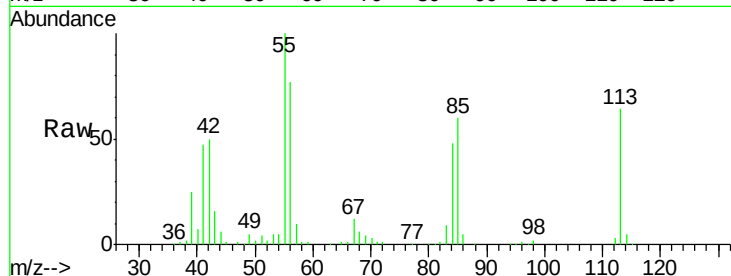
#35
Caprolactam
Concen: 46.52 ng/ml
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.8	152.7	192.7
56	119.9	109.0	149.0

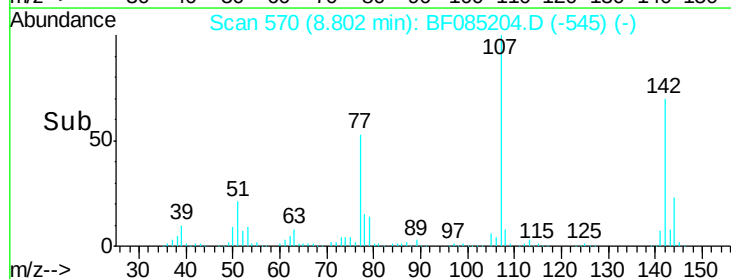
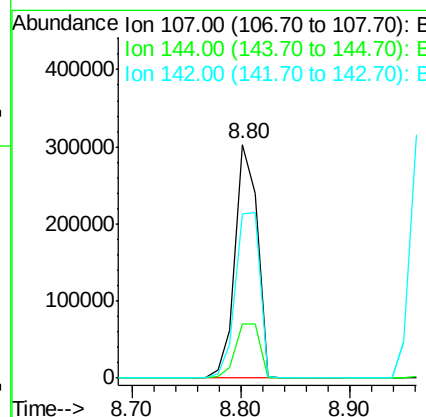
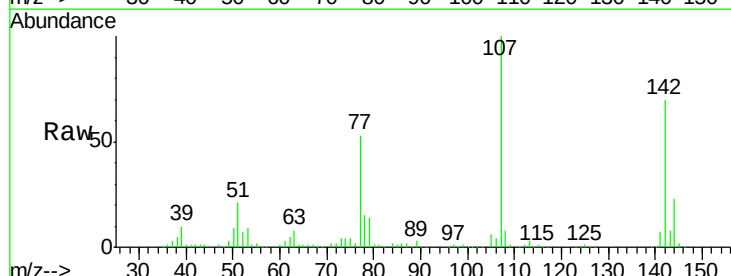
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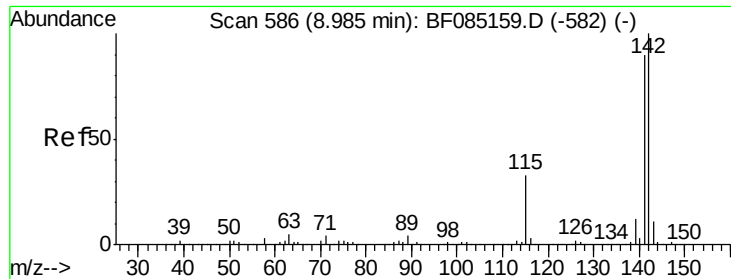
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#36
4-Chloro-3-methylphenol
Concen: 43.34 ng/ml
RT: 8.80 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.4	29.2
142	70.1	59.4	89.2





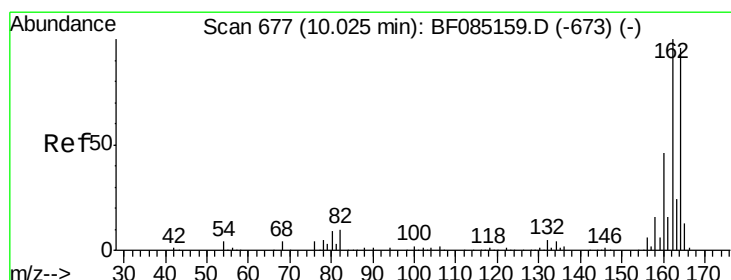
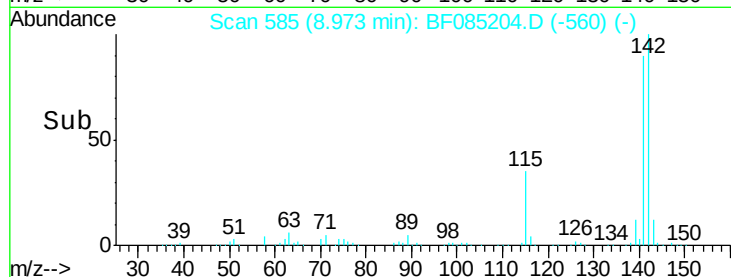
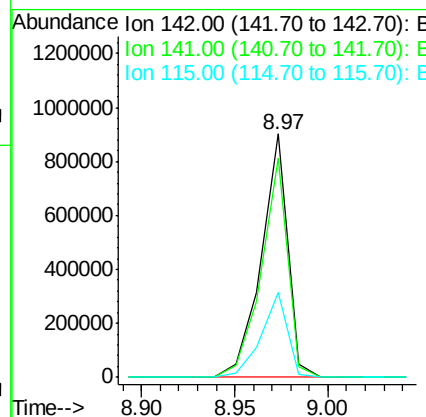
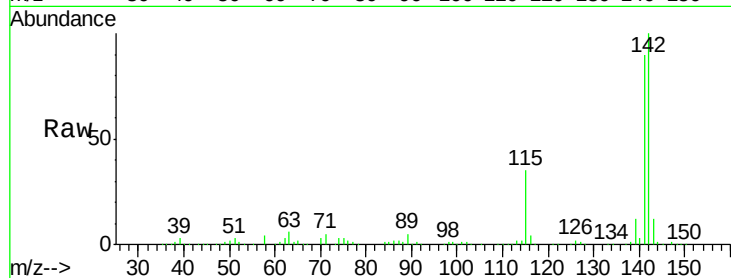
#37
2-Methylnaphthalene
Concen: 45.02 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5
115	35.1	26.2	39.4

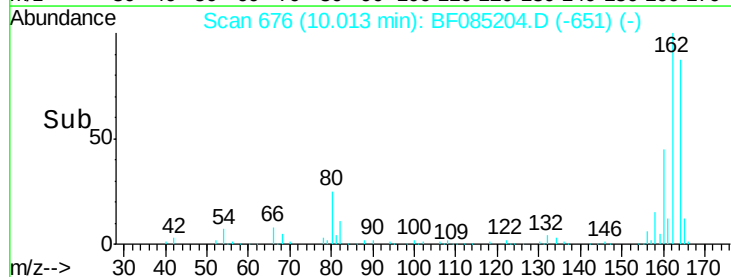
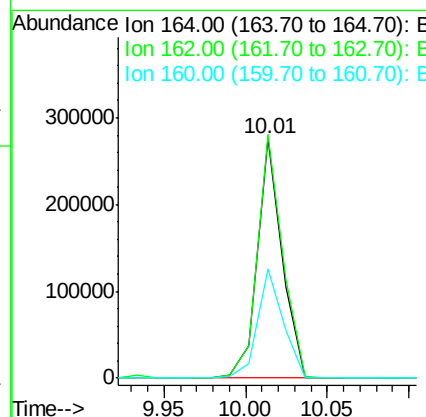
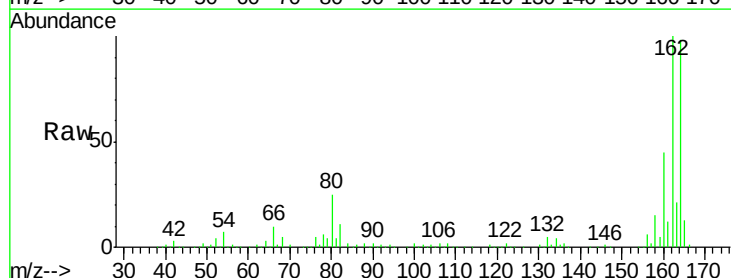
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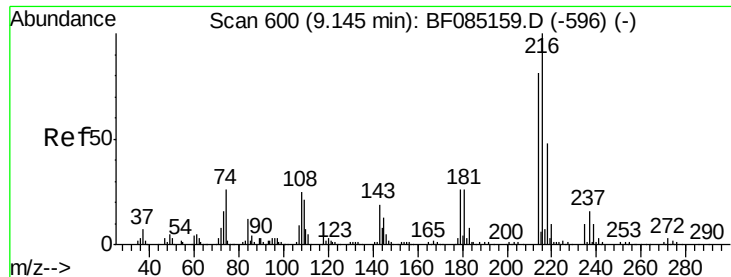
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.3	124.9
160	45.5	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.03 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

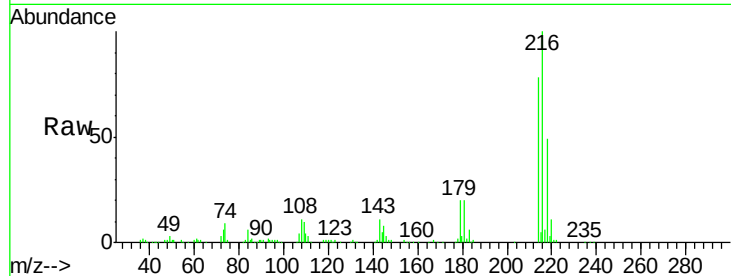
ClientSampleId :

PB88682BS

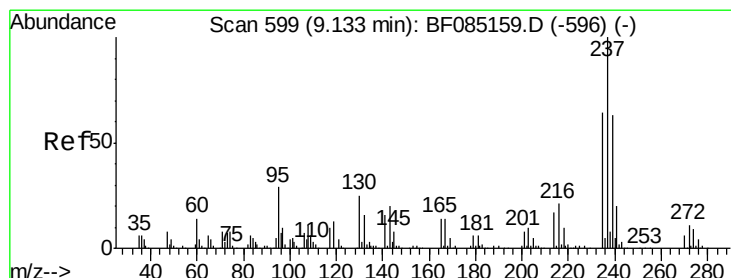
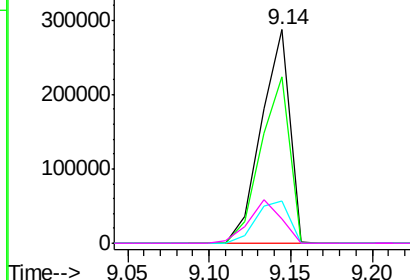
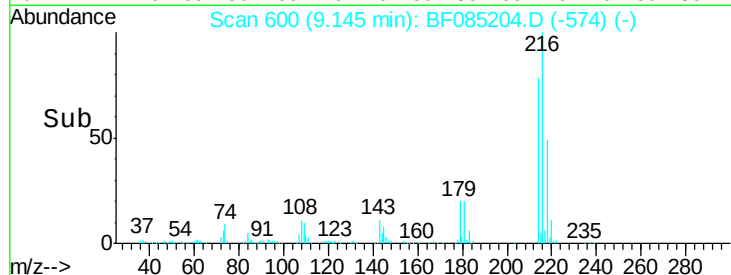
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		347632		
214	79.6		63.8	95.6	
179	23.0		19.6	29.4	
108	23.2		19.6	29.4	

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: 89.11 ng

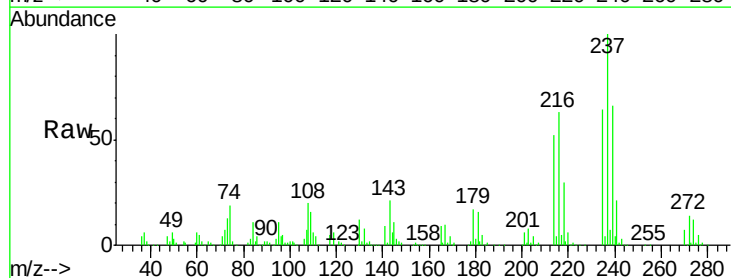
RT: 9.13 min Scan# 599

Delta R.T. 0.00 min

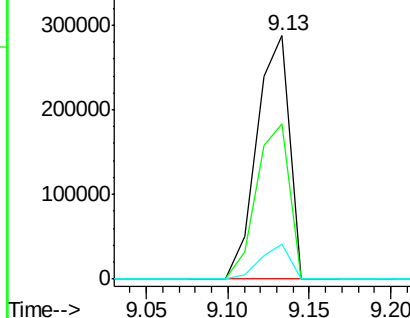
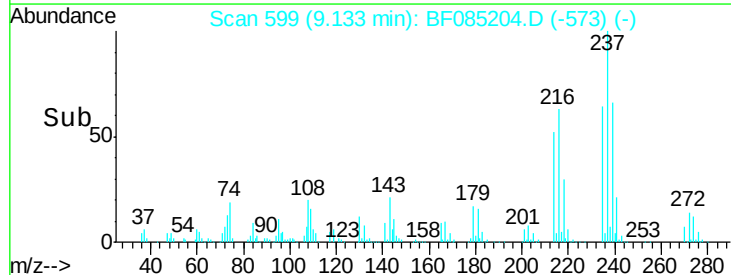
Lab File: BF085204.D

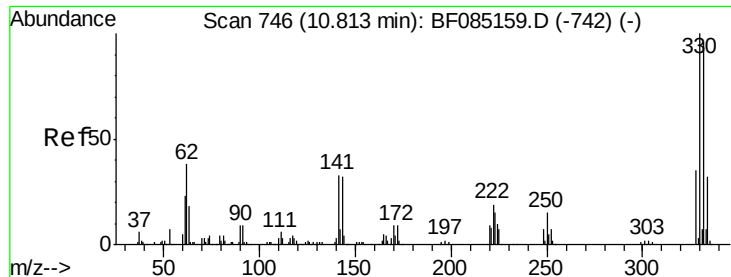
Acq: 4 Mar 2016 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		397473		
235	63.6		43.7	83.7	
272	14.3		0.0	31.5	



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





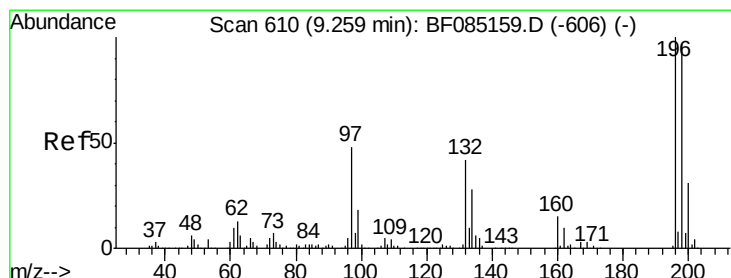
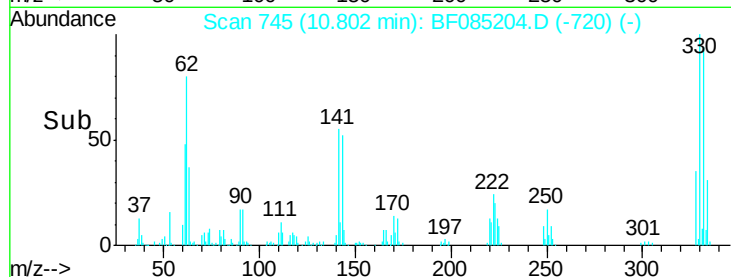
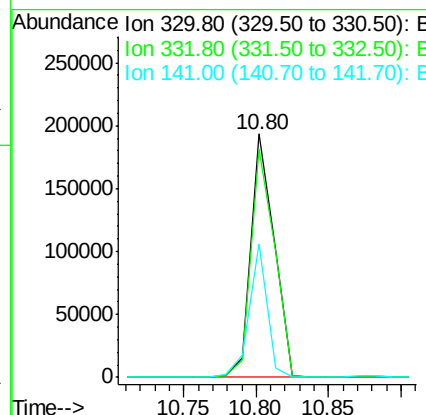
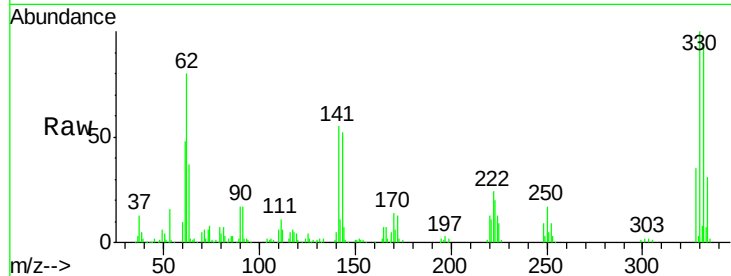
#41
 2,4,6-Tribromophenol
 Concen: 86.57 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214197		
332	95.4	77.1	115.7	
141	43.1	35.0	52.6	

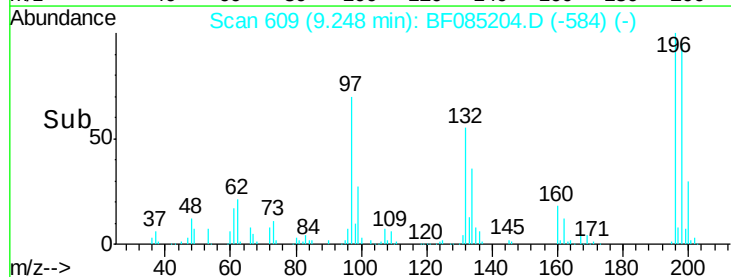
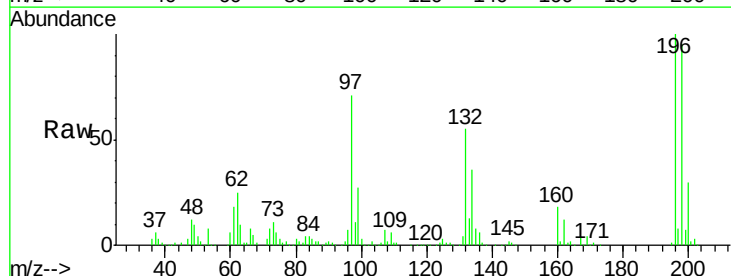
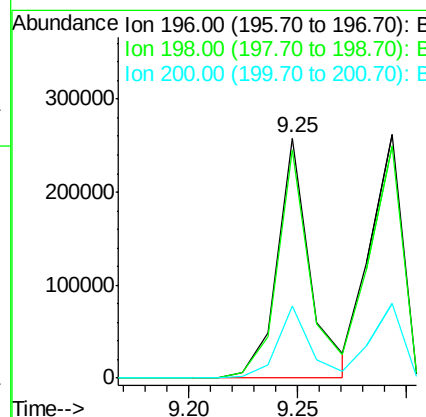
Manual Integrations
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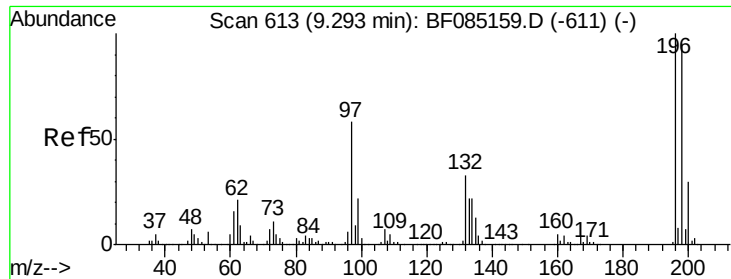
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#42
 2,4,6-Trichlorophenol
 Concen: 44.45 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273658		
198	94.8	77.8	116.6	
200	29.9	25.0	37.6	





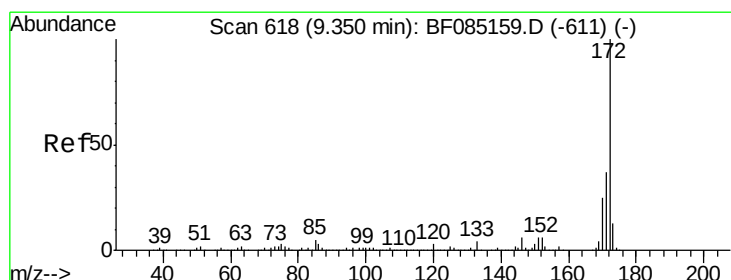
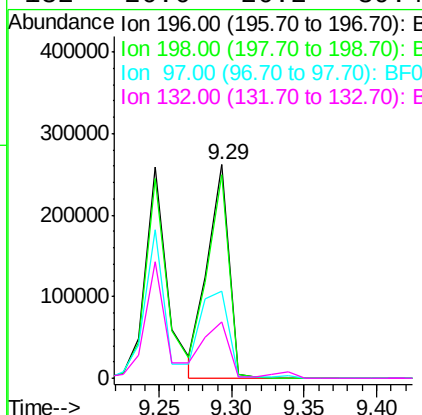
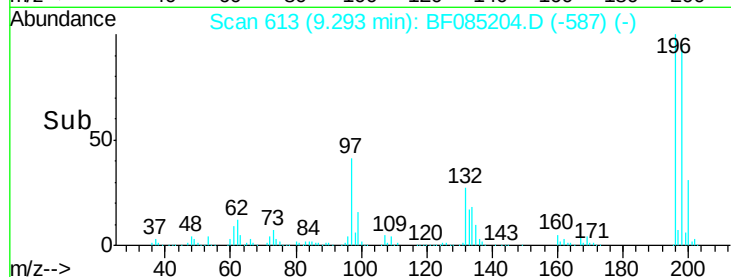
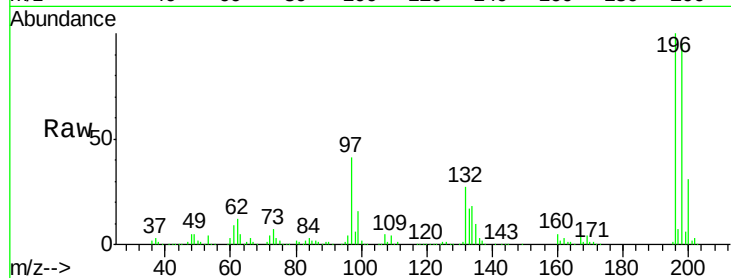
#43
 2,4,5-Trichlorophenol
 Concen: 46.25 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		269942		
198	95.2	75.7	113.5		
97	40.5	46.4	69.6		
132	26.6	26.2	39.4		

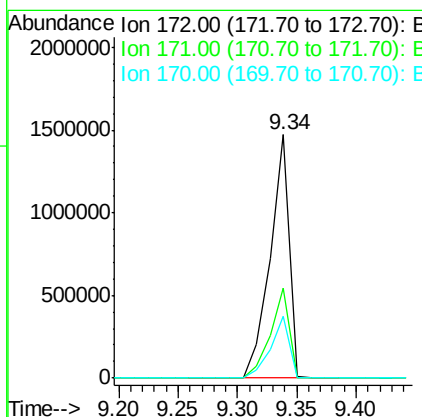
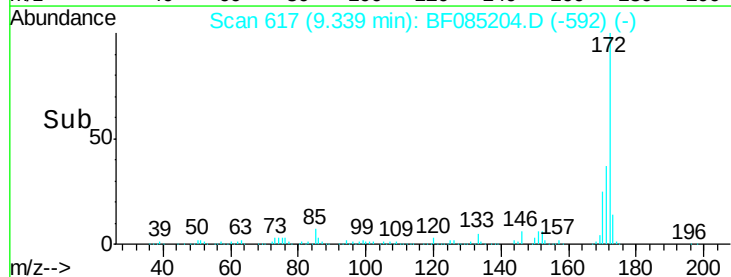
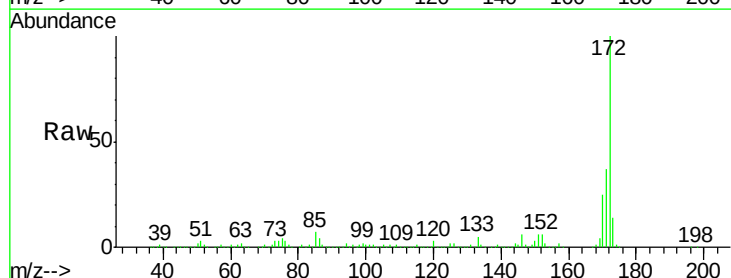
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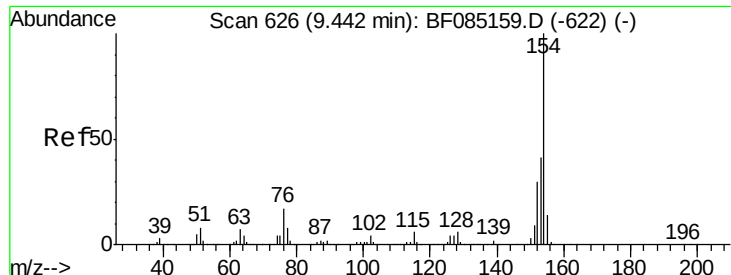
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#44
 2-Fluorobiphenyl
 Concen: 87.16 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1657289		
171	36.8	29.3	43.9		
170	25.2	20.0	30.0		





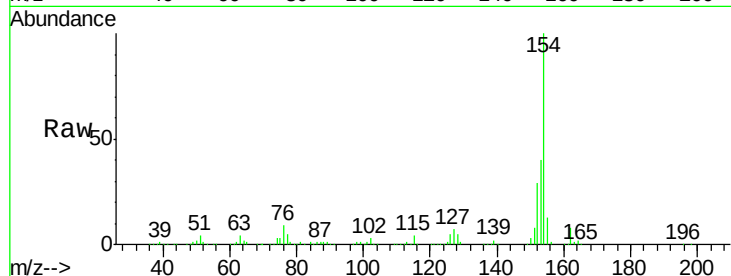
#45
 1,1'-Biphenyl
 Concen: 42.46 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampled :
 PB88682BS

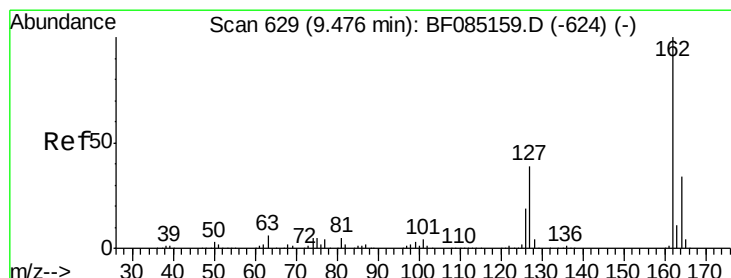
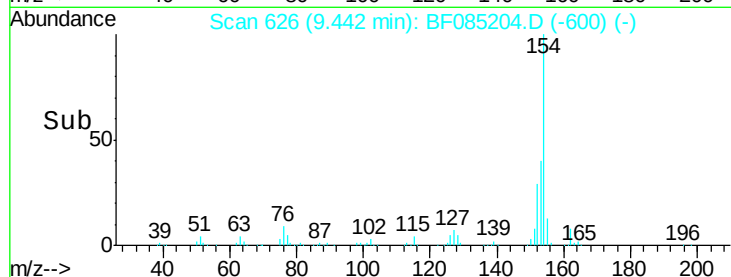
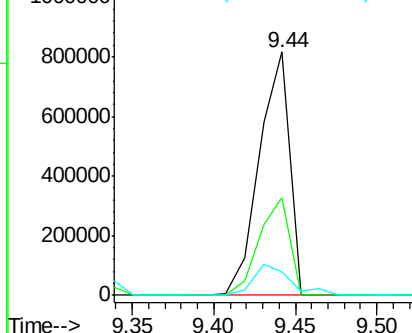
Tot Ion:154 Resp: 1049019
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.4 61.4
 76 9.4 0.0 37.5

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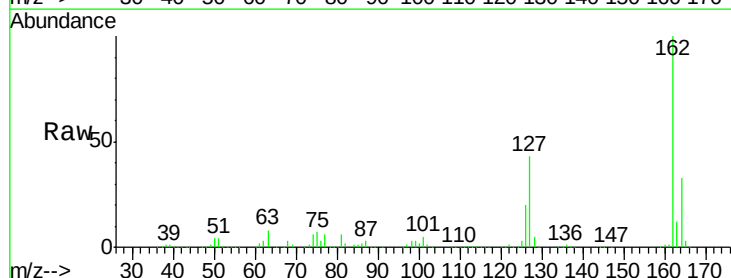


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

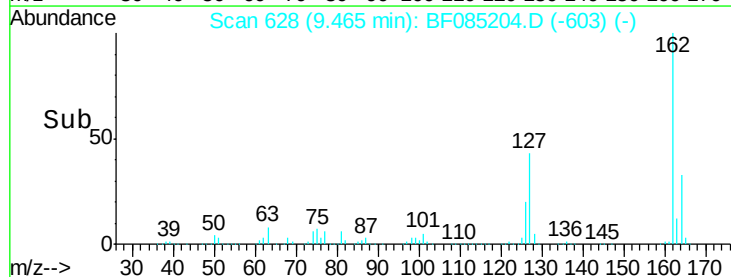
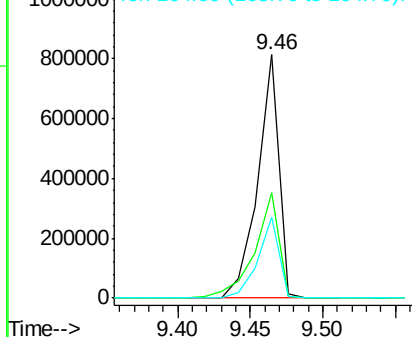


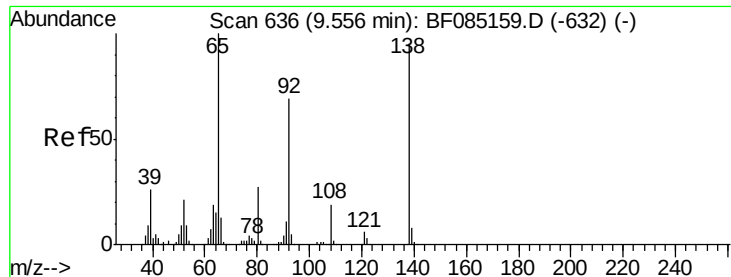
#46
 2-Chloronaphthalene
 Concen: 43.65 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion:162 Resp: 821977
 Ion Ratio Lower Upper
 162 100
 127 43.3 31.6 47.4
 164 33.3 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.65 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

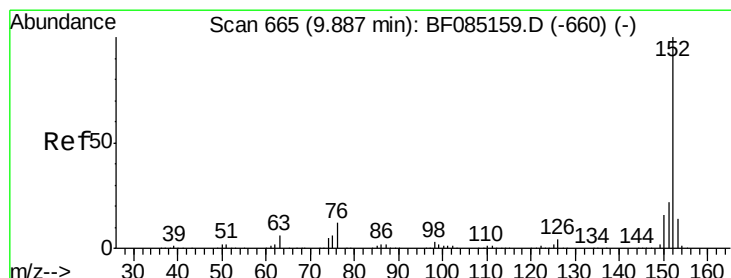
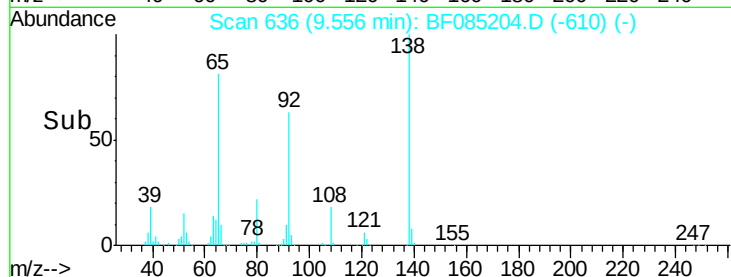
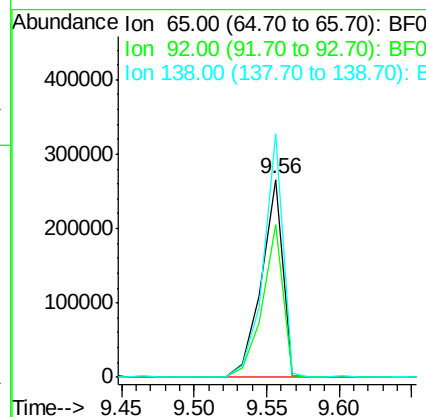
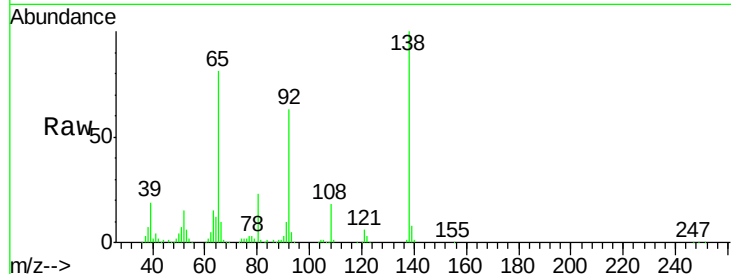
ClientSampleId :

PB88682BS

Tot Ion:	65	Resp:	272226
Ion Ratio	Lower	Upper	
65	100		
92	77.3	55.4	83.2
138	123.3	75.7	113.5#

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#48

Acenaphthylene

Concen: 41.35 ng

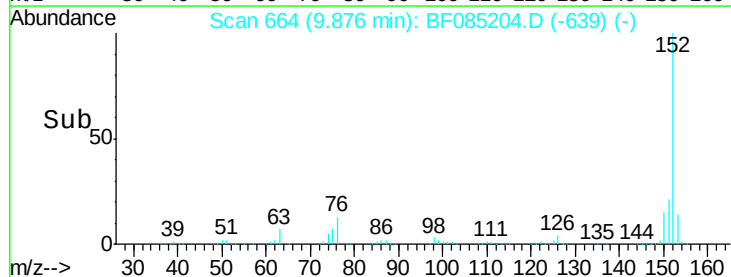
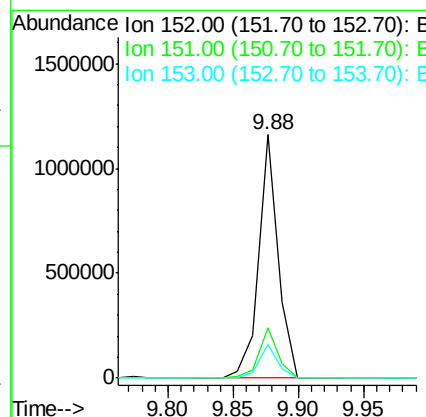
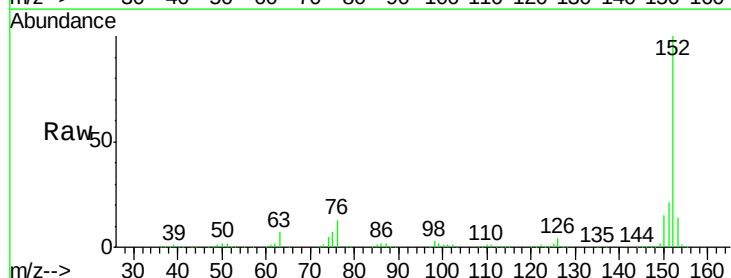
RT: 9.88 min Scan# 664

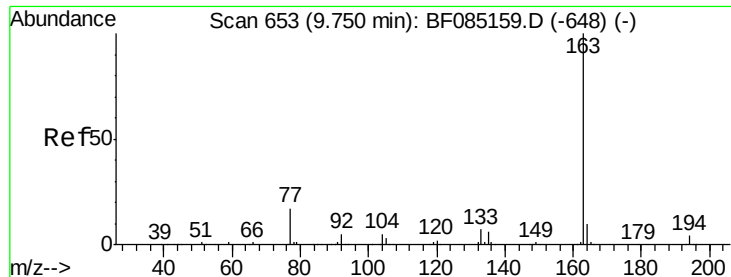
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	152	Resp:	1212080
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.5	26.3
153	13.6	11.3	16.9





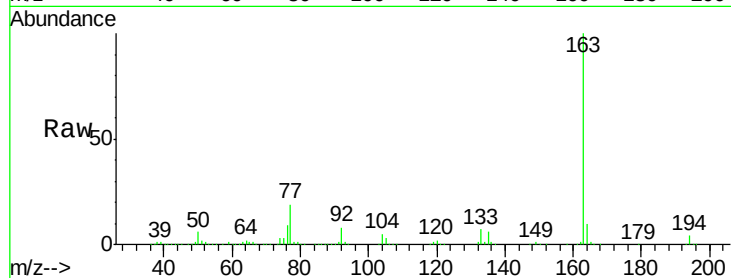
#49
Dimethylphthalate
Concen: 44.23 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

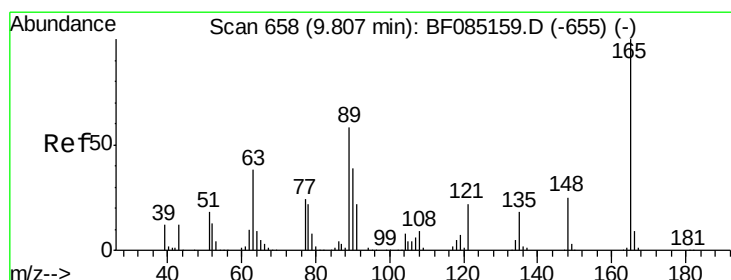
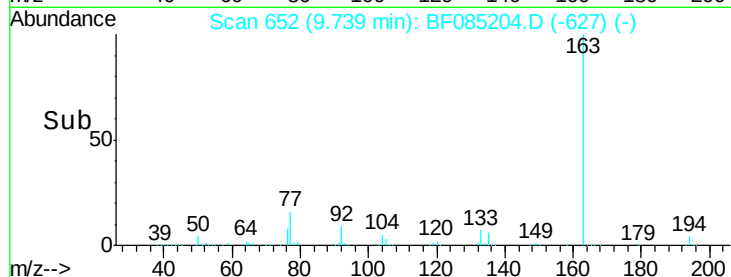
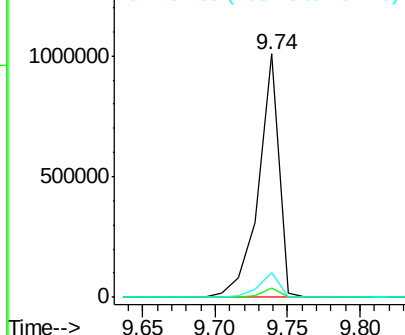
Tot Ion	Ratio	Resp	Lower	Upper
163	100	981777		
194	3.7		3.1	4.7
164	10.3		8.2	12.4

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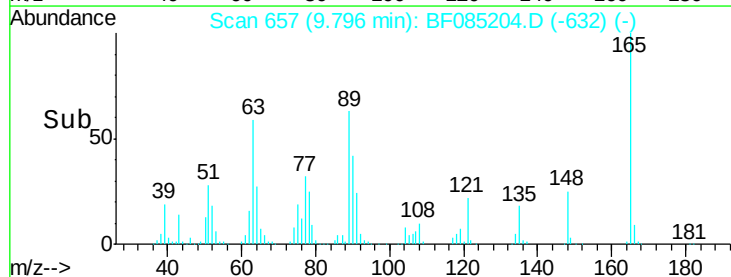
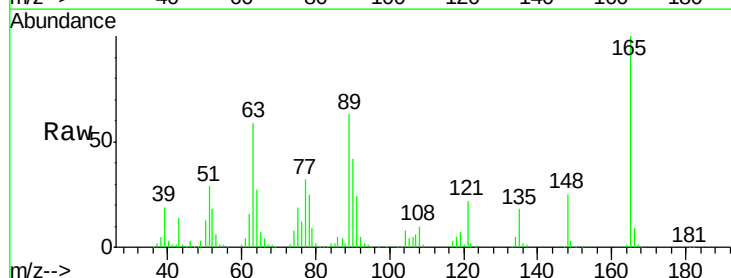
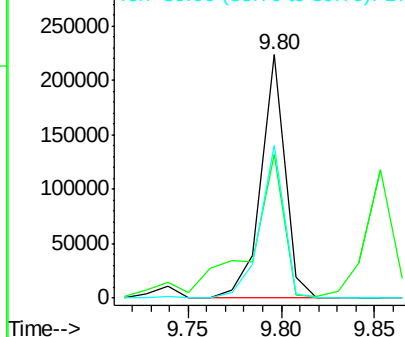
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

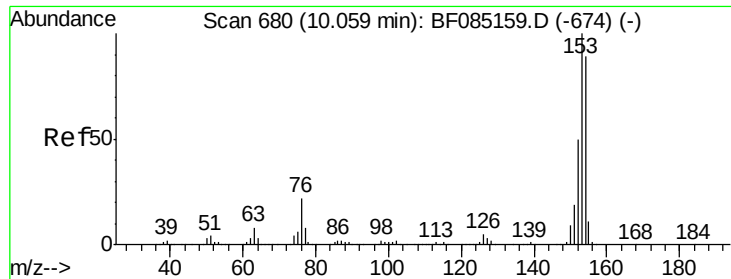


#50
2,6-Dinitrotoluene
Concen: 41.92 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	199072		
63	59.3		41.8	62.8
89	62.7		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: 44.68 ng

RT: 10.05 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

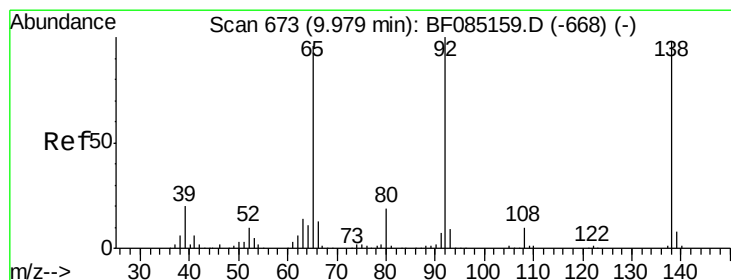
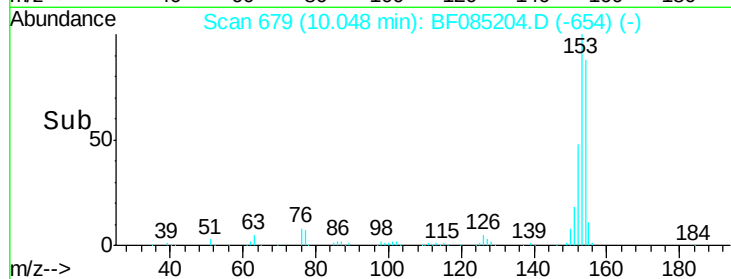
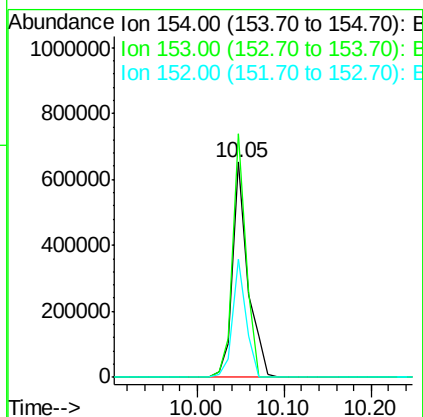
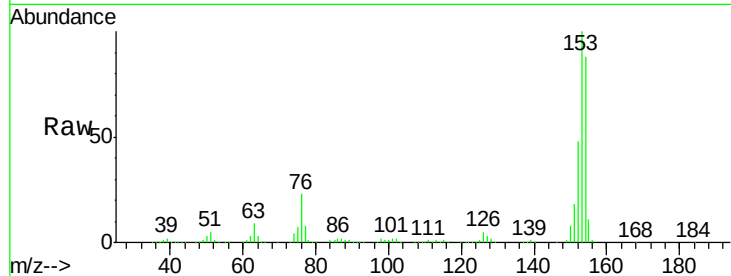
ClientSampleId :

PB88682BS

Tot Ion:	154	Resp:	795108
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.8
152	54.8	44.6	66.8

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#52

3-Nitroaniline

Concen: 15.78 ng

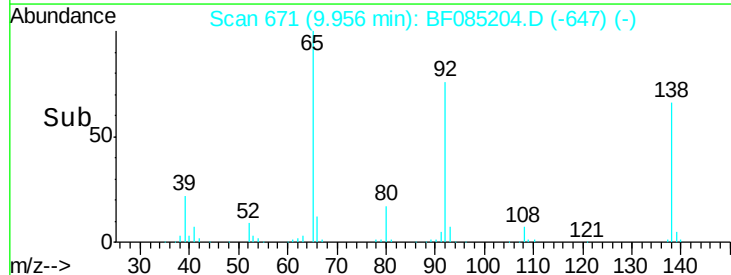
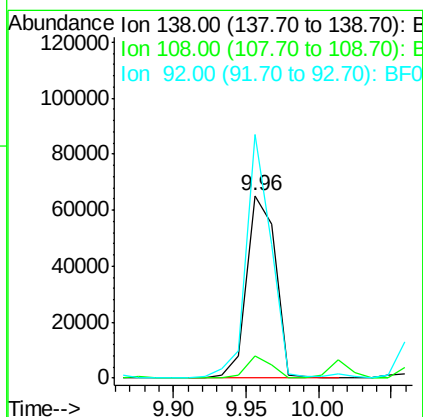
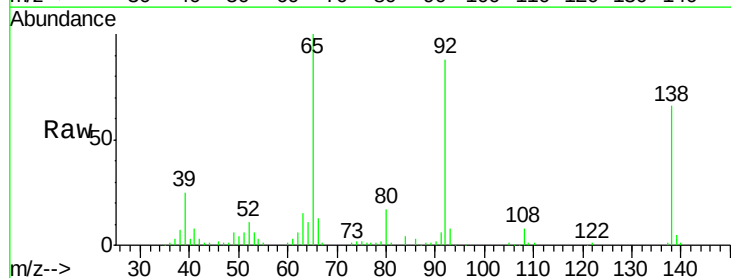
RT: 9.96 min Scan# 671

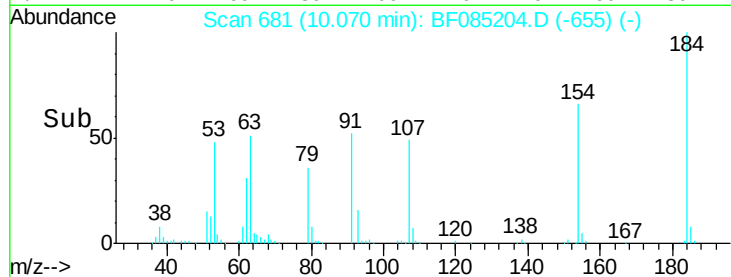
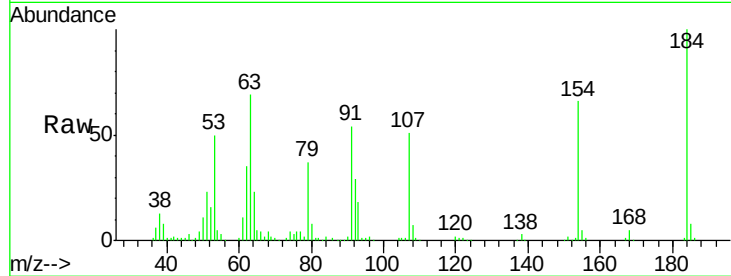
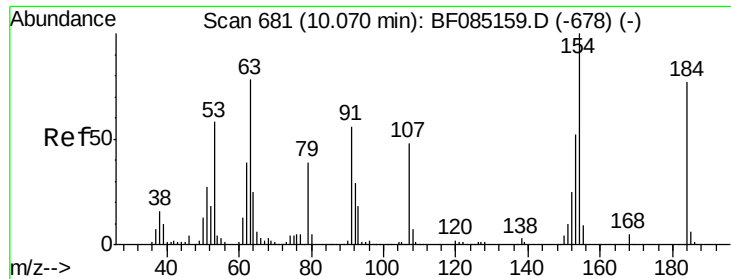
Delta R.T. -0.02 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	138	Resp:	89663
Ion Ratio	Lower	Upper	
138	100		
108	11.9	7.8	11.6#
92	133.5	81.3	121.9#





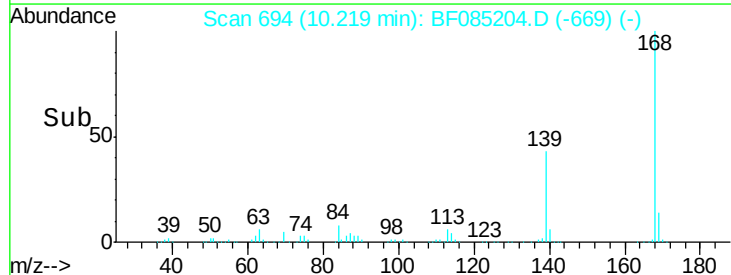
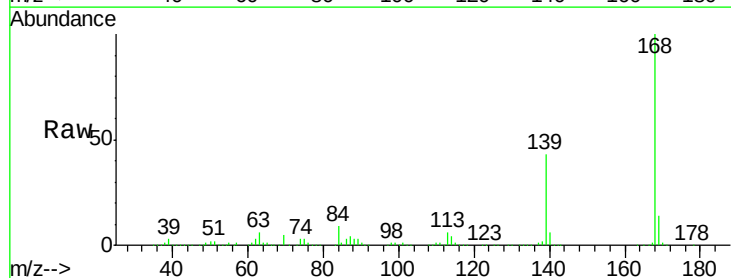
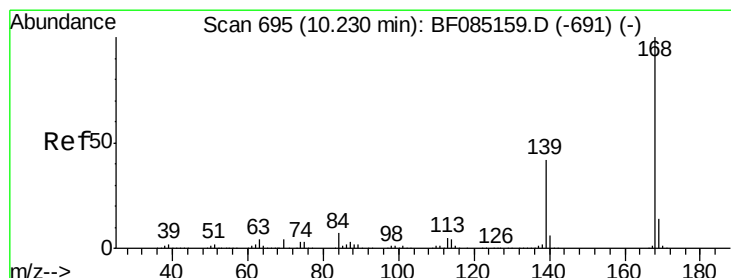
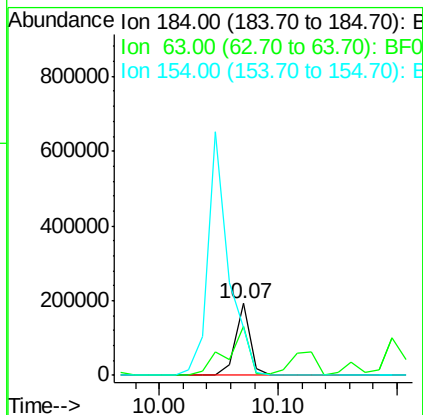
#53
2,4-Dinitrophenol
Concen: 70.39 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.1	82.2	123.4#
154	66.3	108.9	163.3#

Instrument :
BNA_F
ClientSampleId :
PB88682BS

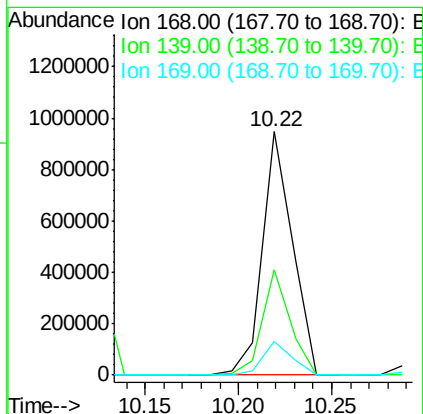
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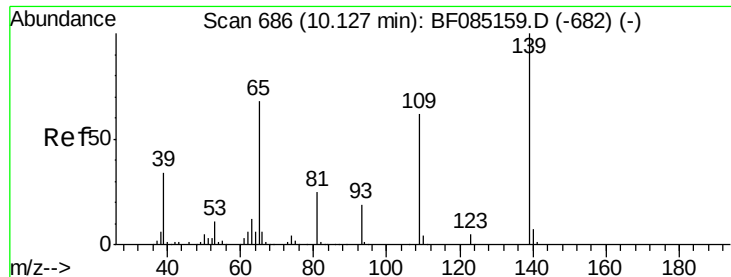
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#54
Dibenzofuran
Concen: 44.98 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.0	33.6	50.4
169	14.0	11.2	16.8





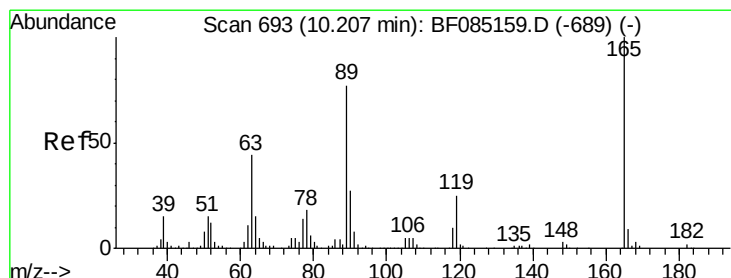
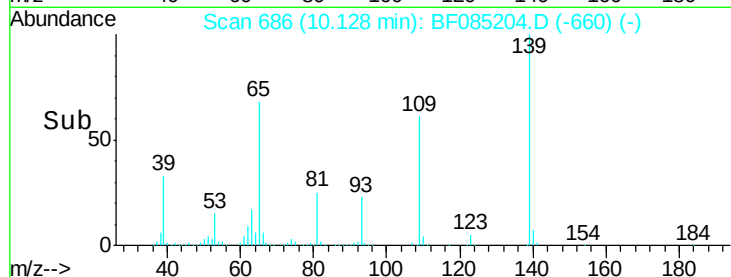
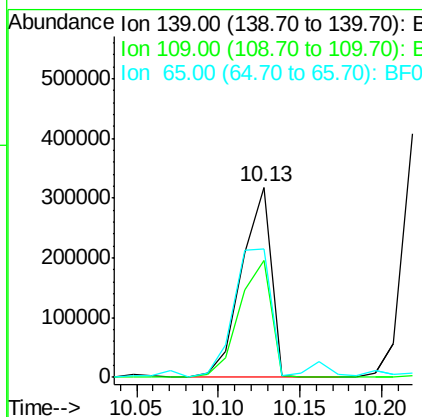
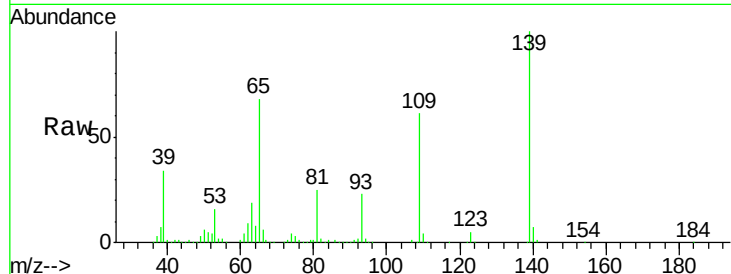
#55
4-Nitrophenol
Concen: 89.22 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampled :
PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	398312		
109	61.3	41.9	81.9	
65	67.7	48.3	88.3	

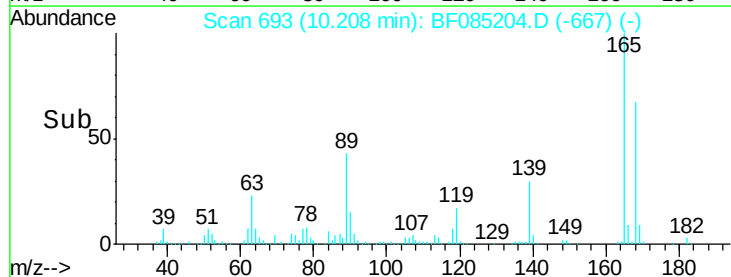
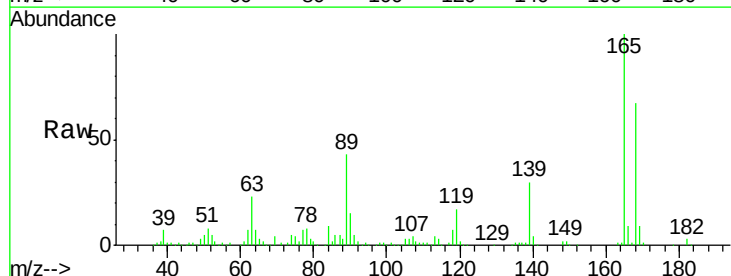
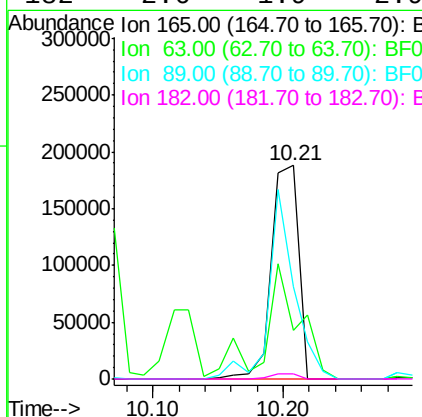
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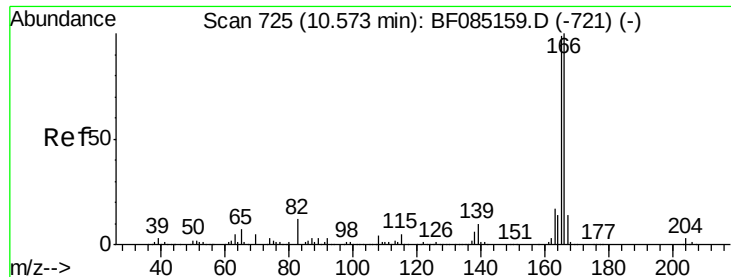
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#56
2,4-Dinitrotoluene
Concen: 45.36 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	275621		
63	22.7	35.4	53.0#	
89	43.1	61.9	92.9#	
182	2.6	1.9	2.9	





#57

Fluorene

Concen: 42.79 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

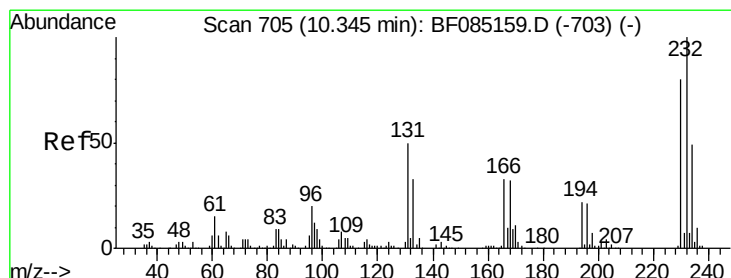
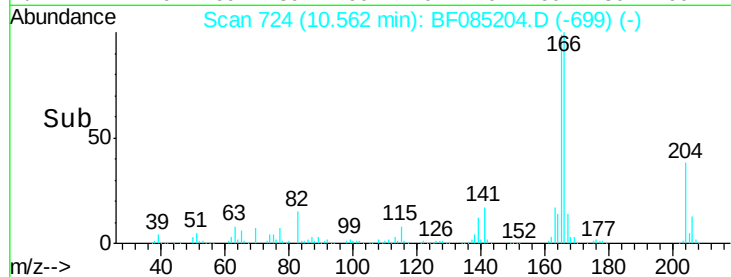
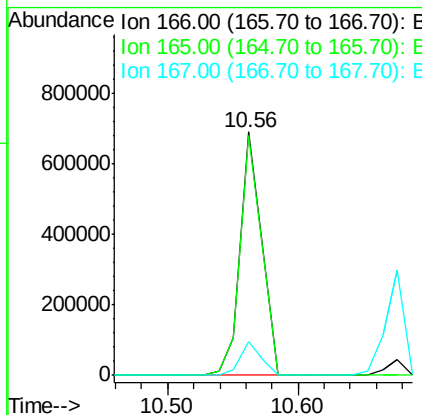
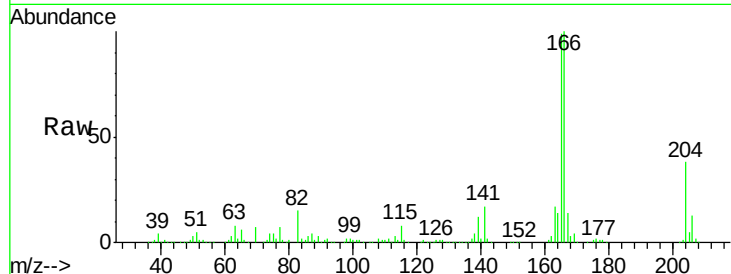
ClientSampleId :

PB88682BS

Tot Ion:	166	Resp:	783761
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.4	119.0
167	13.9	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.08 ng

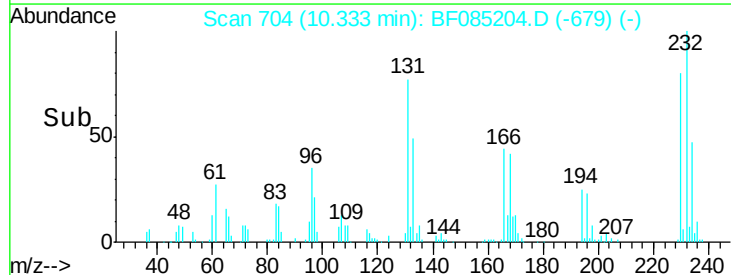
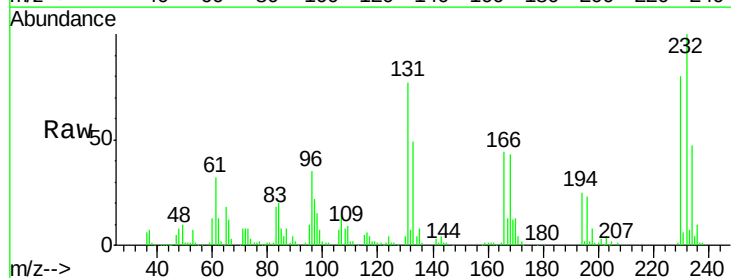
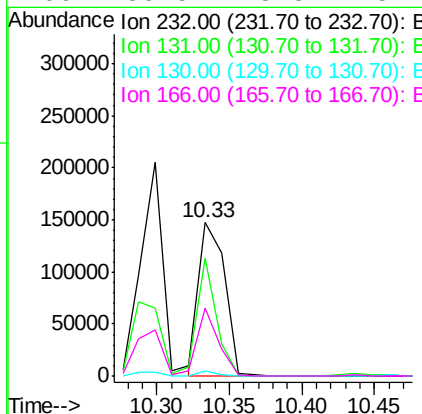
RT: 10.33 min Scan# 704

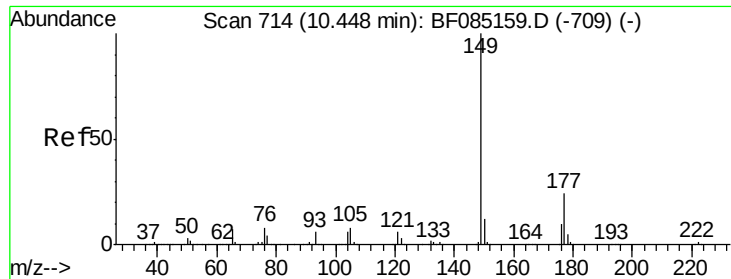
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	232	Resp:	184865
Ion Ratio	Lower	Upper	
232	100		
131	57.1	46.0	69.0
130	2.6	2.2	3.4
166	35.5	28.8	43.2





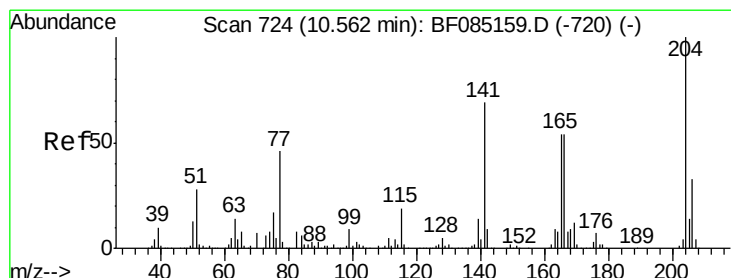
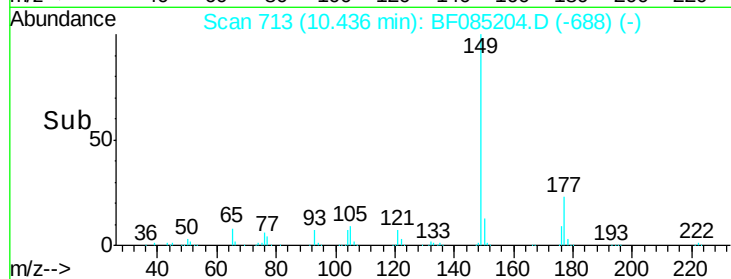
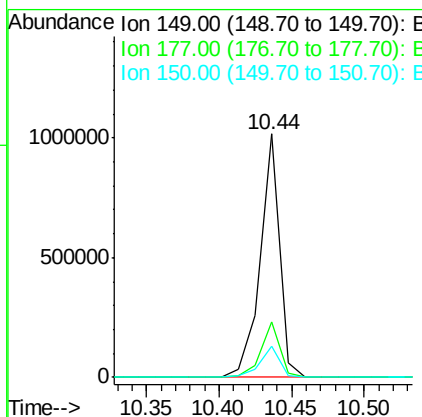
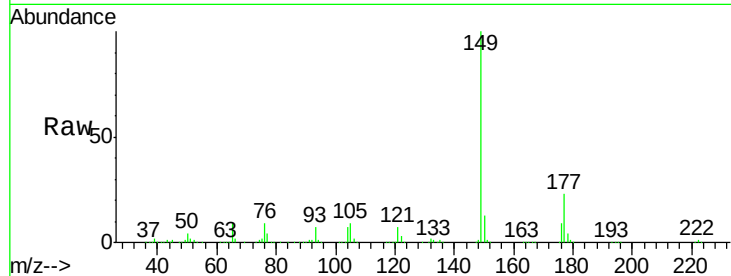
#59
Diethylphthalate
Concen: 43.69 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampled :
PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	940947		
177	22.8	19.2	28.8	
150	12.8	9.9	14.9	

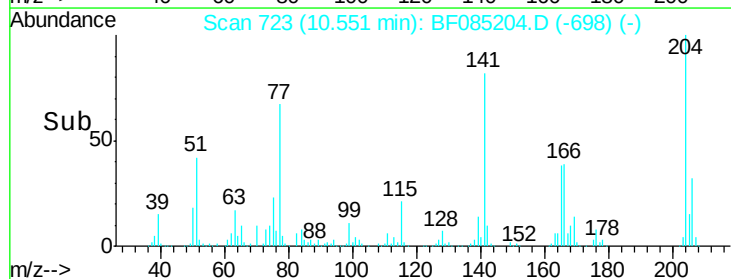
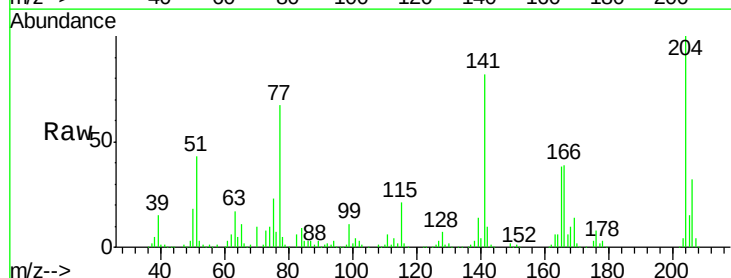
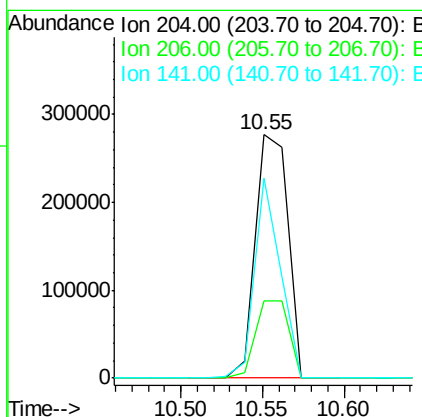
Manual Integrations
APPROVED

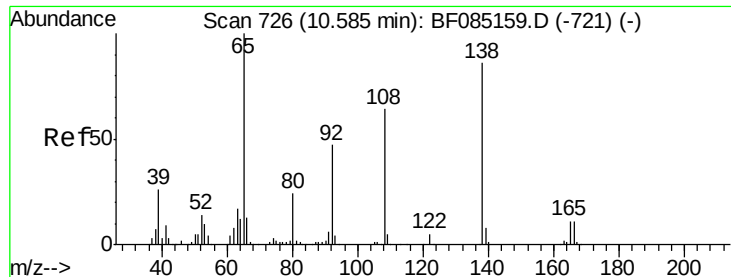
UMANGI
3/7/2016 3:30:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.15 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	384469		
206	31.9	26.5	39.7	
141	82.1	55.4	83.2	





#61

4-Nitroaniline

Concen: 40.53 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

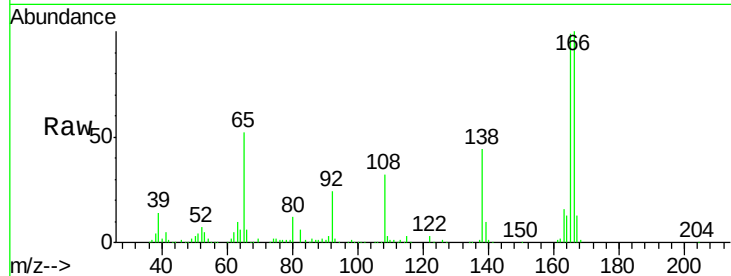
ClientSampleId :

PB88682BS

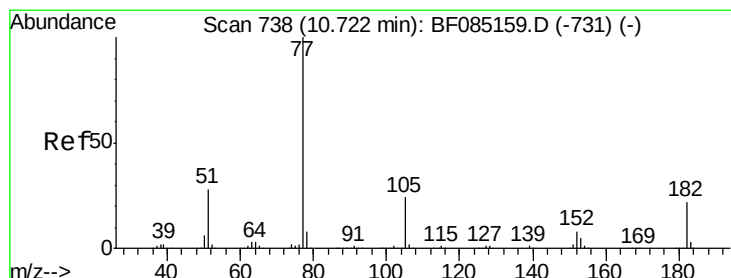
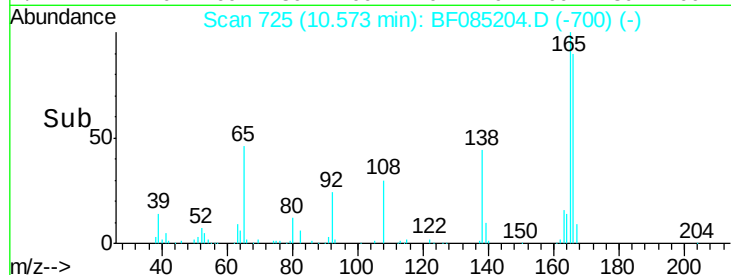
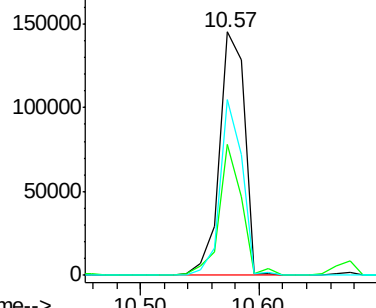
Tot Ion:	138	Resp:	215365
Ion Ratio	Lower	Upper	
138	100		
92	53.7	34.2	74.2
108	72.4	53.9	93.9

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



#62

Azobenzene

Concen: 46.33 ng

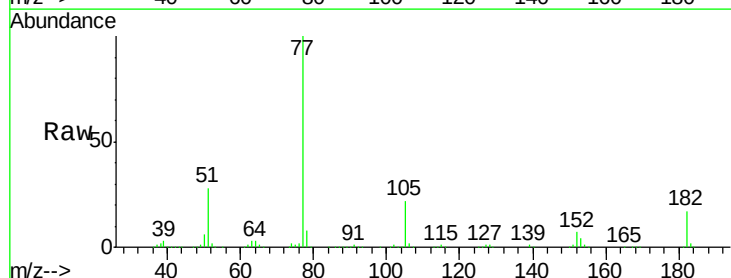
RT: 10.71 min Scan# 737

Delta R.T. -0.01 min

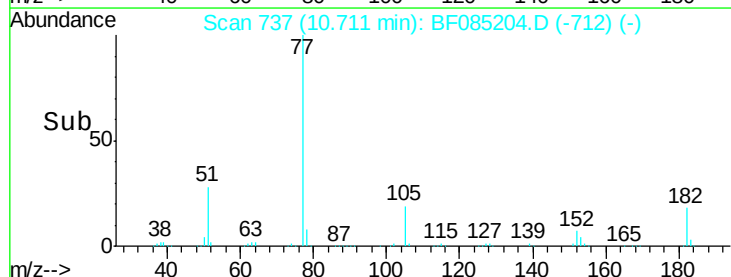
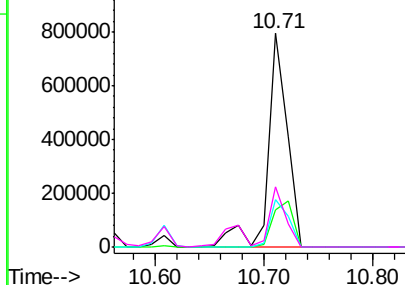
Lab File: BF085204.D

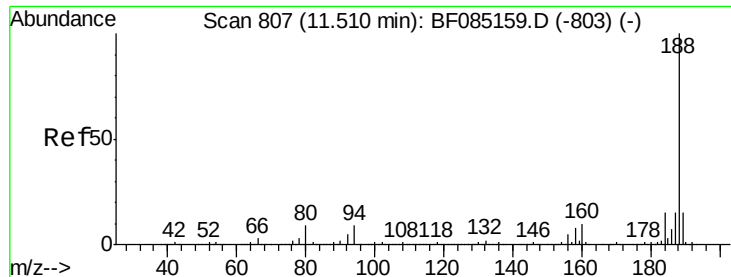
Acq: 4 Mar 2016 15:58

Tgt Ion:	77	Resp:	983196
Ion Ratio	Lower	Upper	
77	100		
182	17.4	2.1	42.1
105	22.1	3.8	43.8
51	28.4	7.8	47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





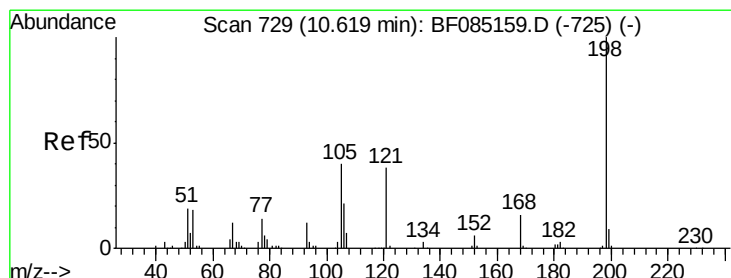
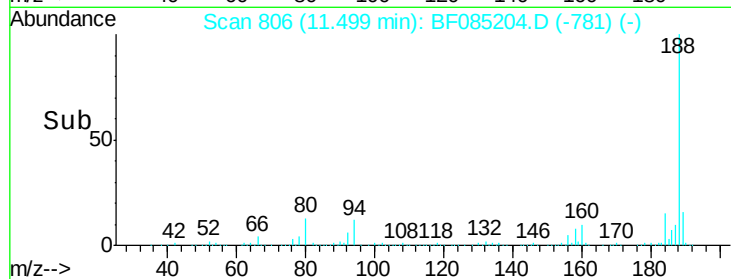
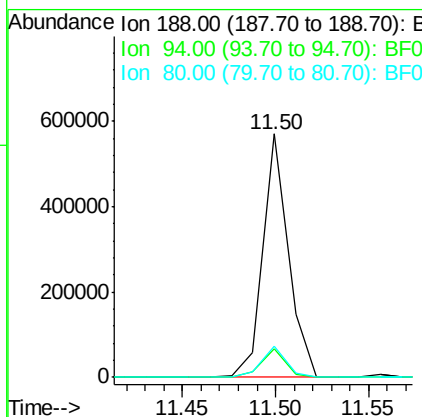
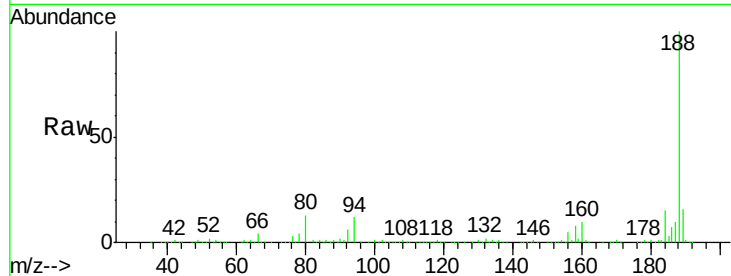
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.7	7.0	10.6#
80	12.7	7.4	11.0#

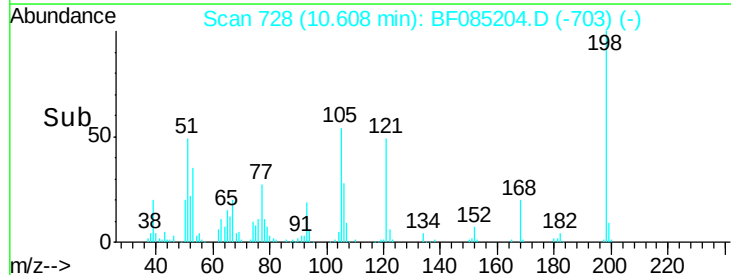
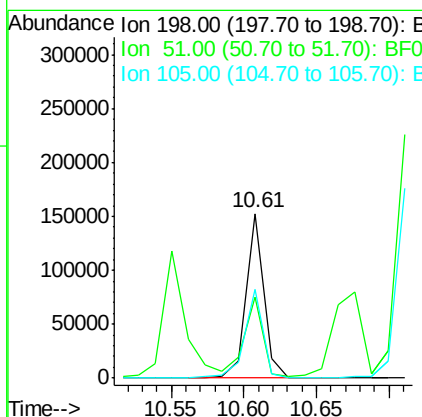
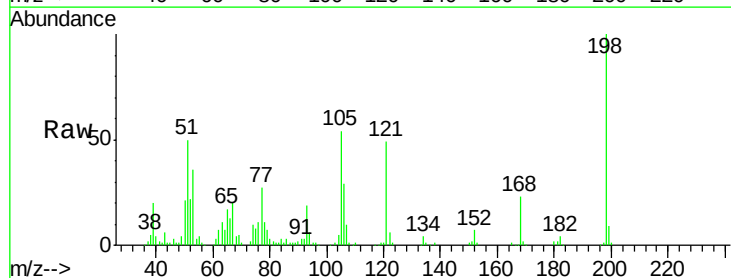
Manual Integrations
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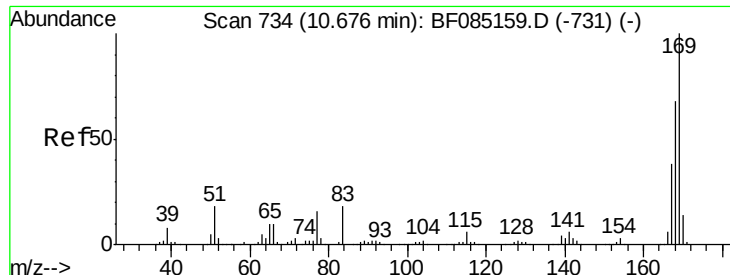
UMANGI
3/7/2016 3:30:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.40 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	49.7	9.5	49.5#
105	53.7	20.5	60.5





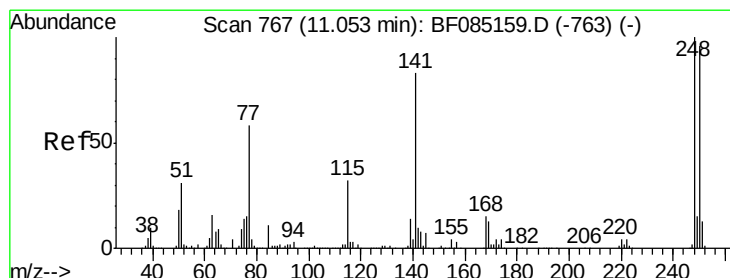
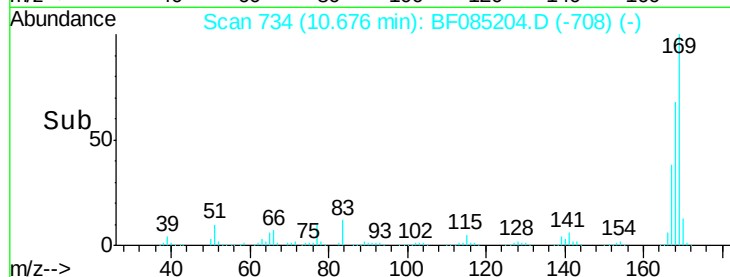
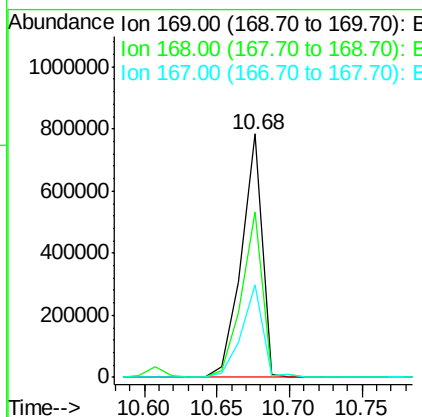
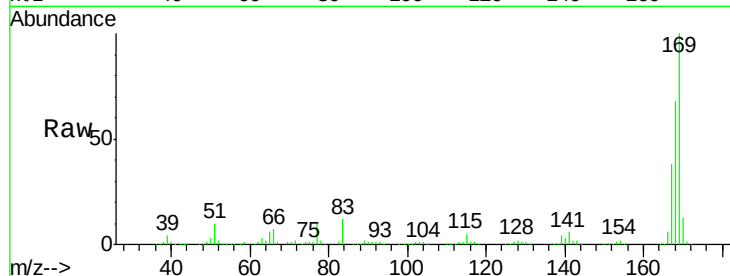
#65
n-Nitrosodiphenylamine
Concen: 46.73 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	778795		
168	67.9		54.8	82.2
167	38.1		30.3	45.5

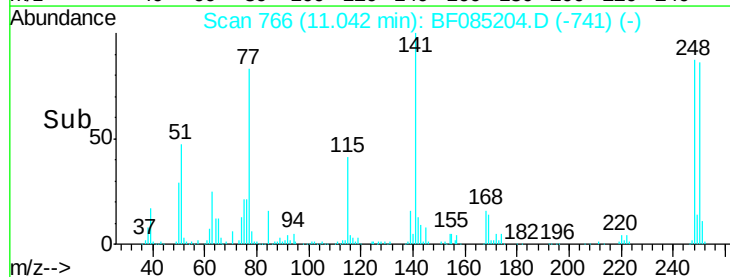
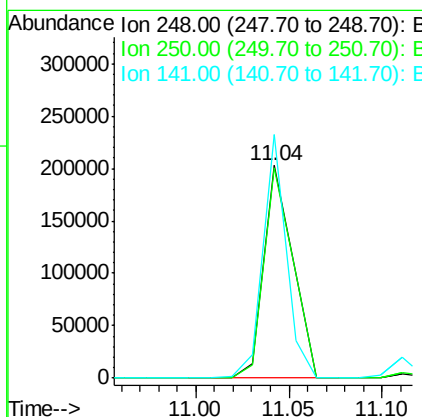
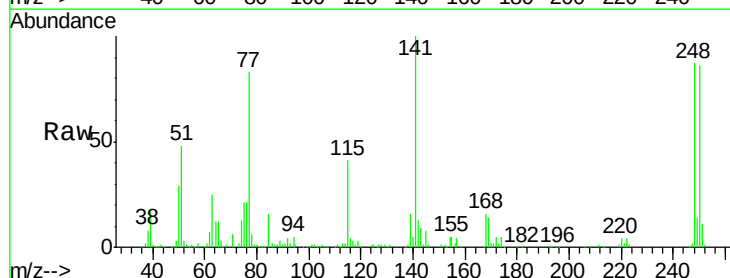
Manual Integrations
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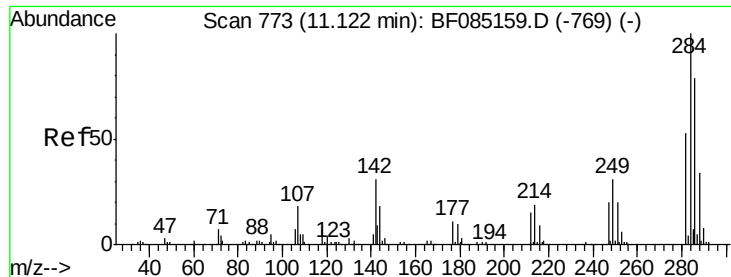
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#66
4-Bromophenyl-phenylether
Concen: 41.69 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	216914		
250	99.0		77.1	115.7
141	114.6		66.2	99.2#





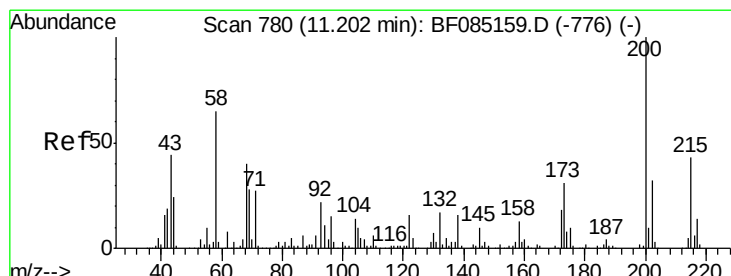
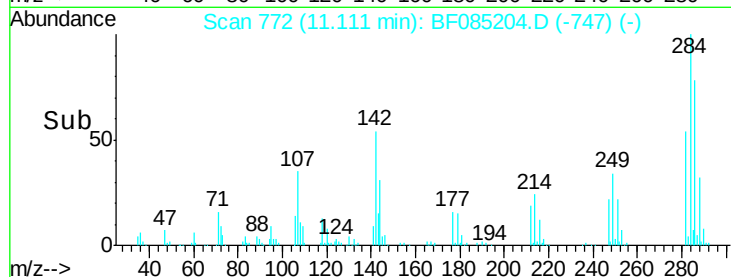
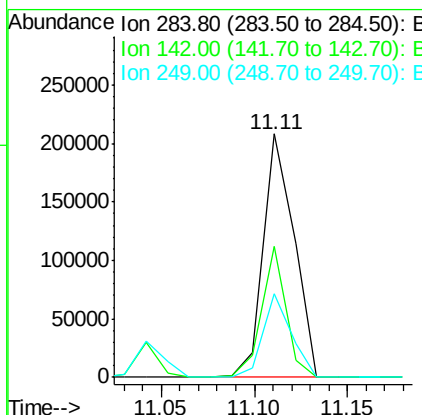
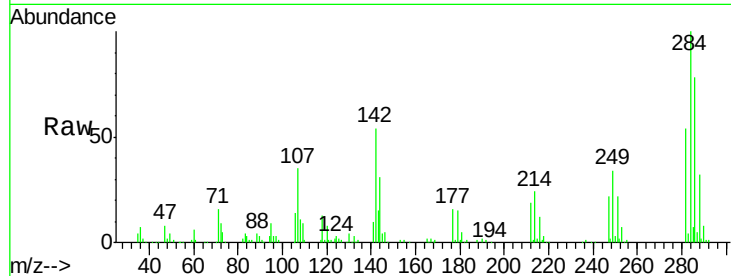
#67
Hexachlorobenzene
Concen: 42.68 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	236864		
142	53.9	24.9	37.3#	
249	34.5	25.0	37.4	

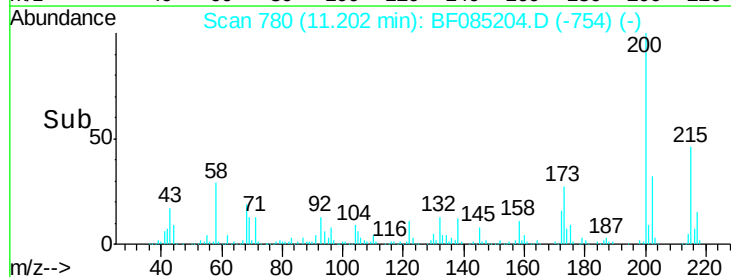
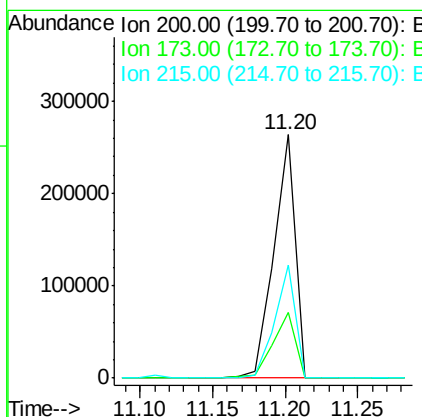
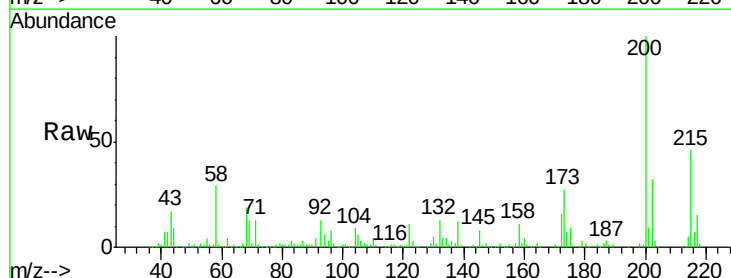
Manual Integrations
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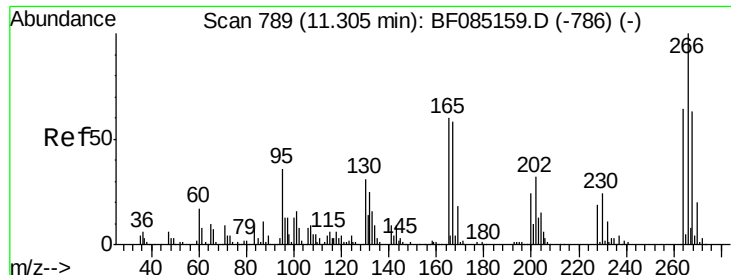
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#68
Atrazine
Concen: 58.06 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	269073		
173	26.8	10.5	50.5	
215	46.4	23.4	63.4	





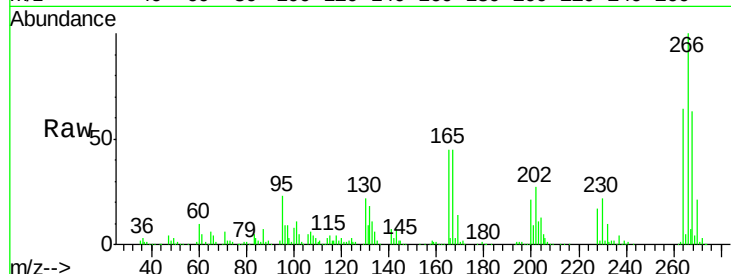
#69
 Pentachlorophenol
 Concen: 84.92 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

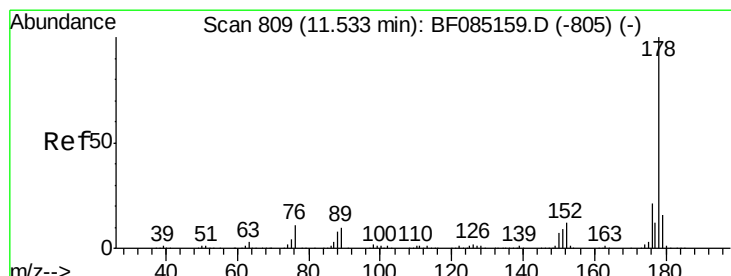
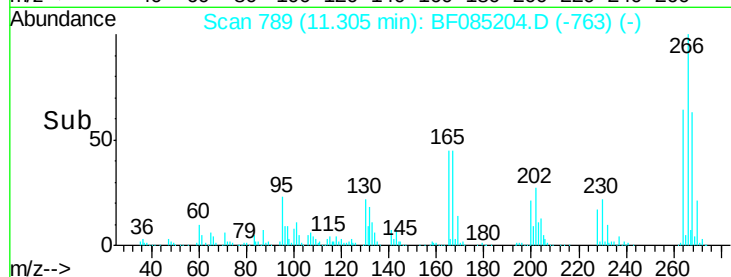
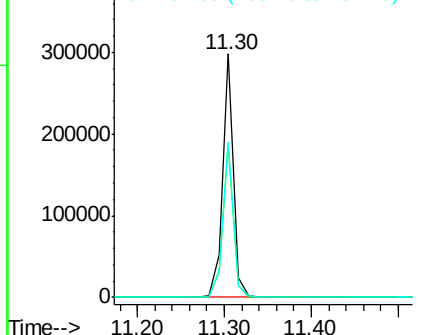
Tot Ion	Ratio	Resp	Lower	Upper
266	100	261620		
268	62.7	50.0	75.0	
264	63.9	51.4	77.2	

Manual Integrations
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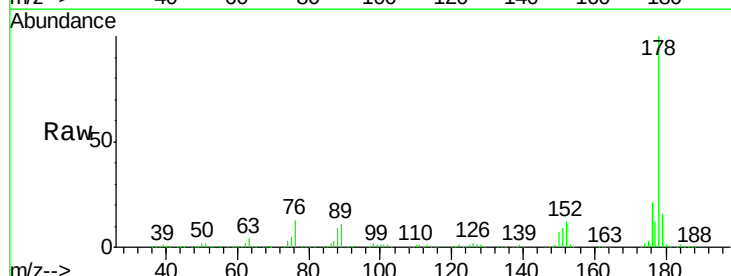


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

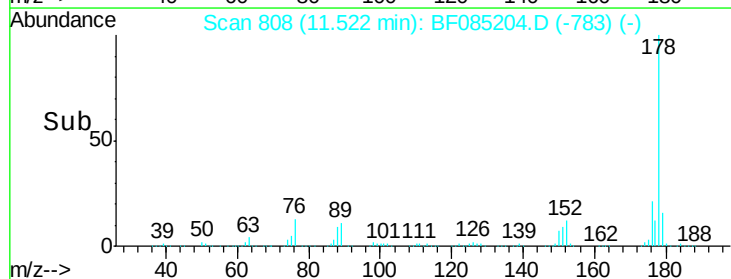
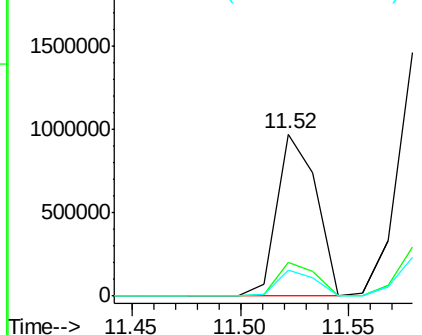


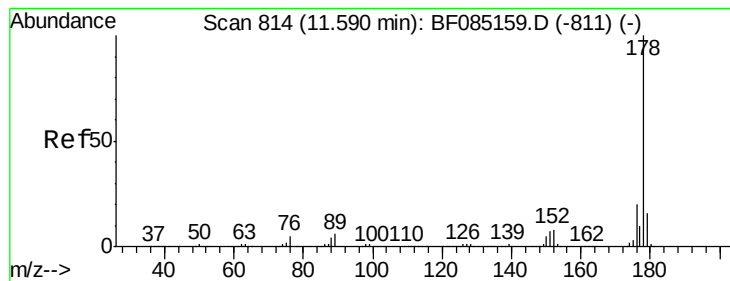
#70
 Phenanthrene
 Concen: 43.63 ng
 RT: 11.52 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1225211		
176	20.5	16.8	25.2	
179	16.1	13.1	19.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.95 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

Tot Ion:178 Resp: 1280192

Ion Ratio Lower Upper

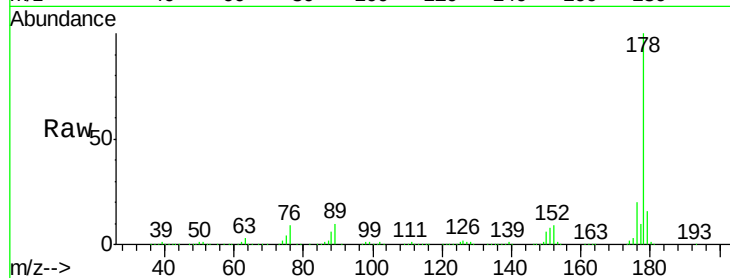
178 100

176 20.0 15.9 23.9

179 16.0 12.5 18.7

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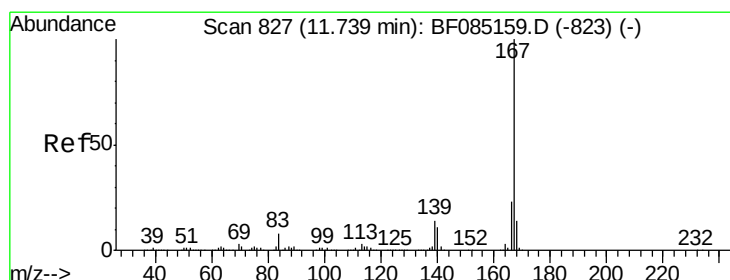
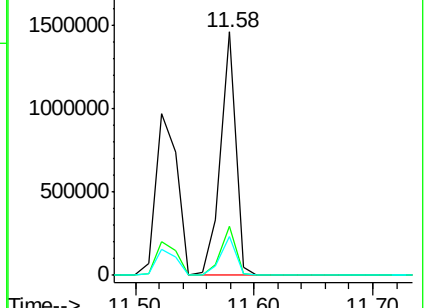
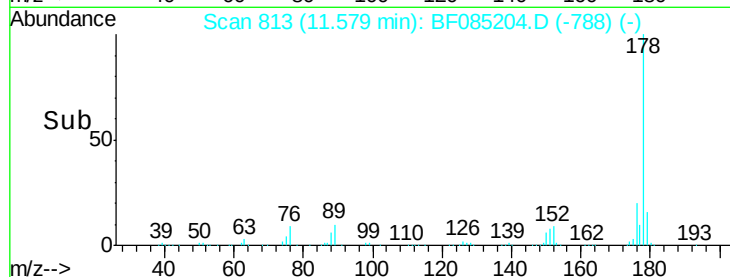
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.93 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

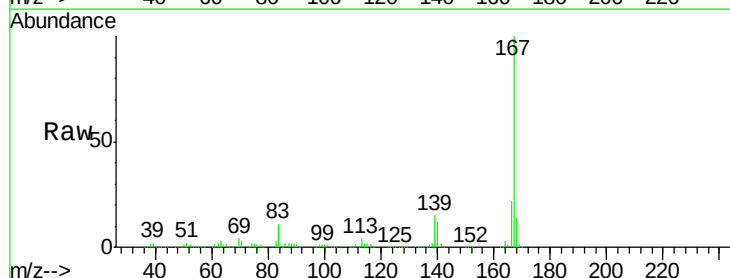
Tgt Ion:167 Resp: 1043634

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

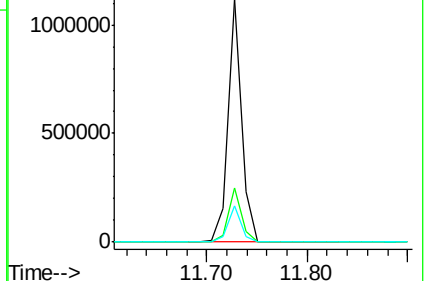
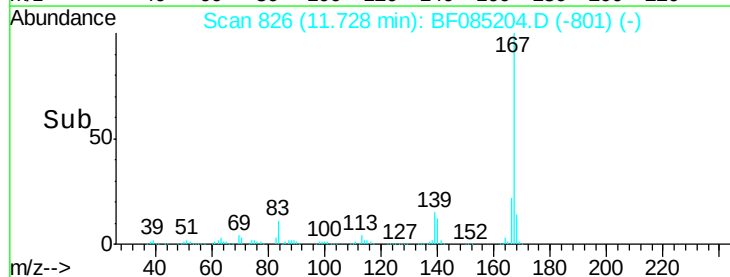
139 15.1 11.4 17.0

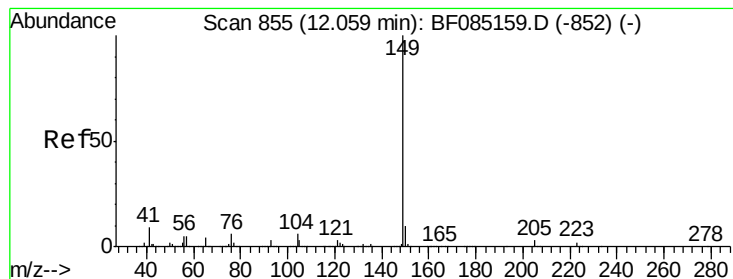


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





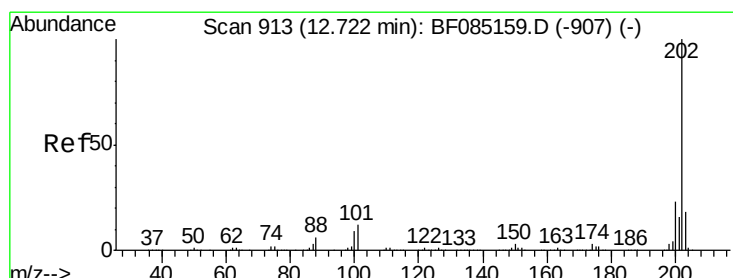
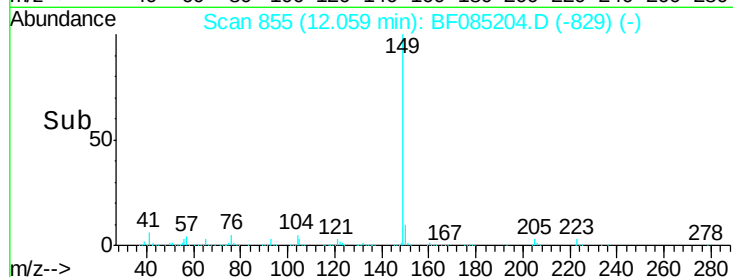
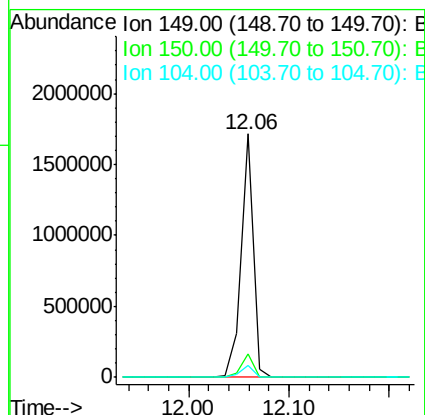
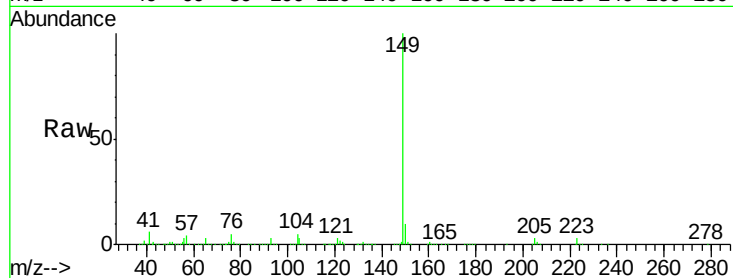
#73
Di-n-butylphthalate
Concen: 43.43 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion:149 Resp: 1434912
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 4.7 7.1

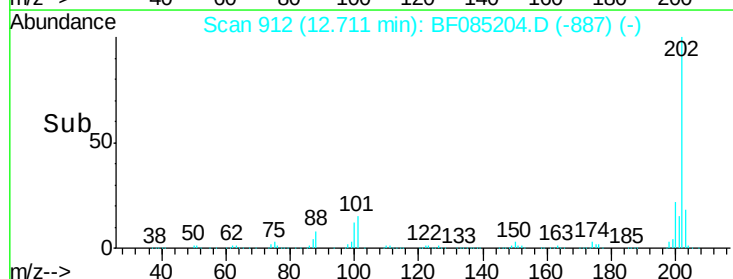
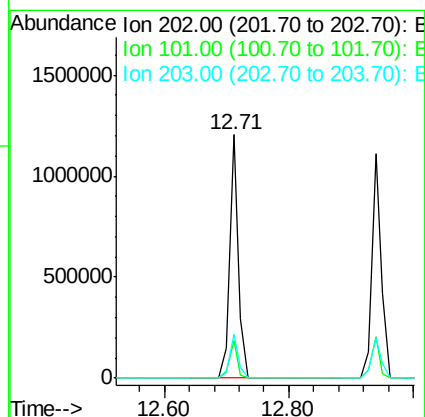
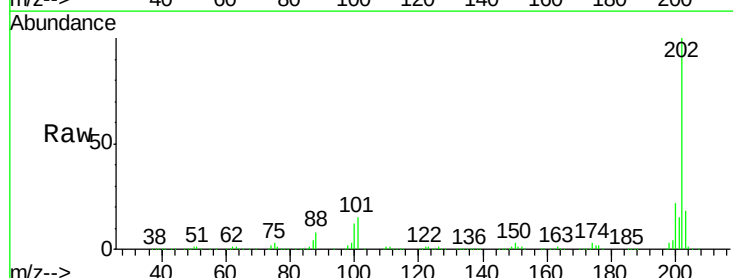
Manual Integrations
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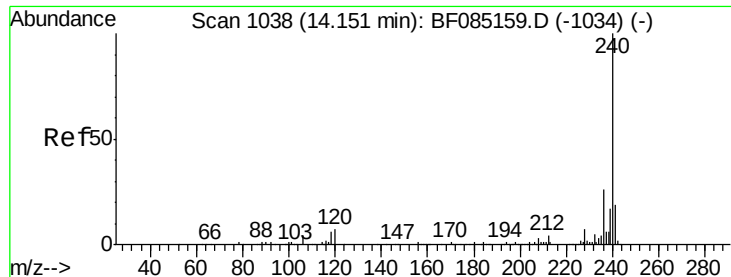
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#74
Fluoranthene
Concen: 40.42 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion:202 Resp: 1138882
Ion Ratio Lower Upper
202 100
101 15.3 0.0 31.8
203 18.1 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB88682BS

Tot Ion:240 Resp: 408226

Ion Ratio Lower Upper

240 100

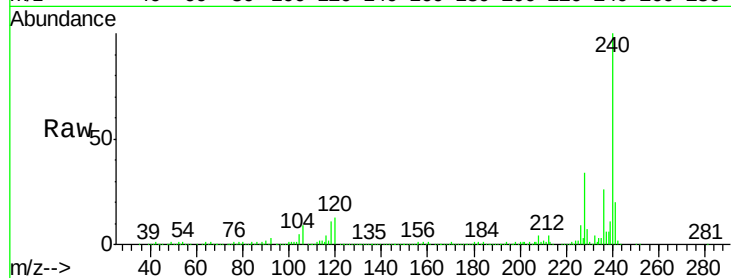
120 12.7 5.3 7.9#

236 26.4 20.7 31.1

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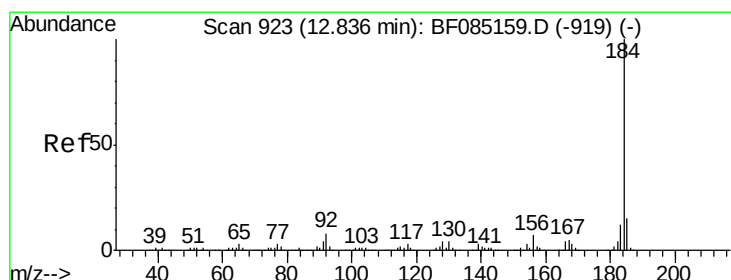
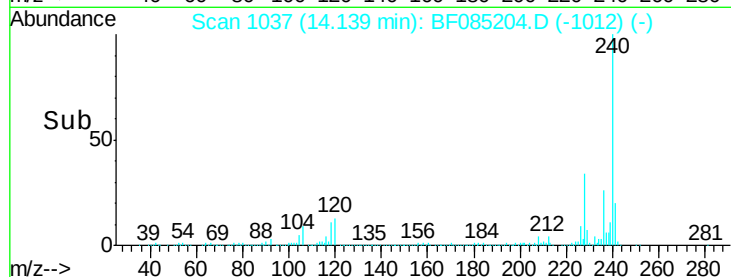
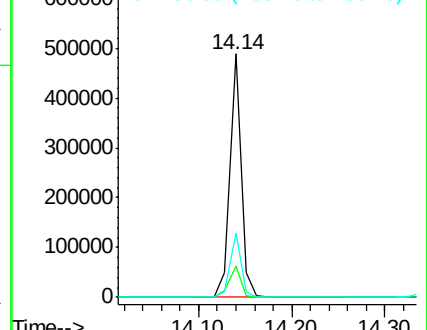
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.68 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

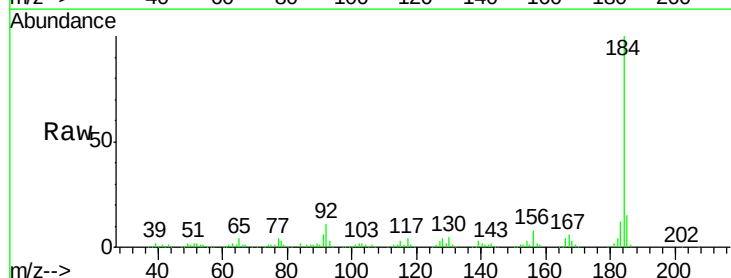
Tgt Ion:184 Resp: 287677

Ion Ratio Lower Upper

184 100

185 15.2 12.4 18.6

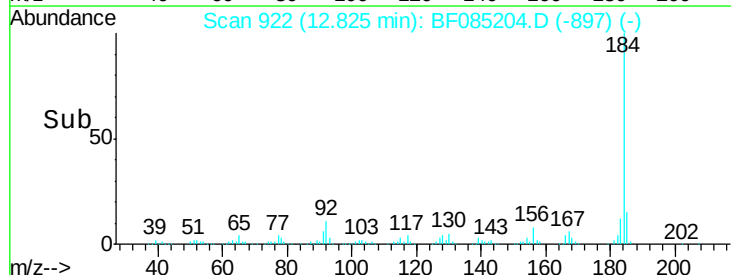
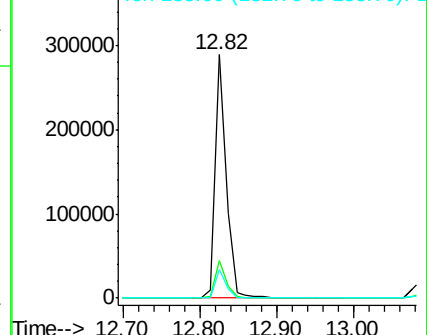
183 11.8 9.4 14.2

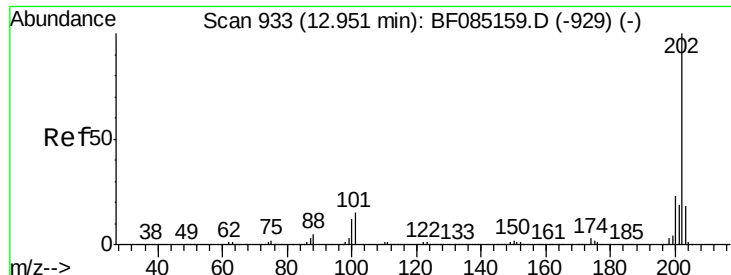


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





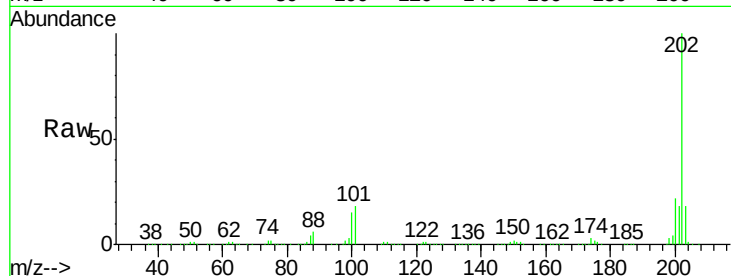
#77
Pvrene
Concen: 37.46 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

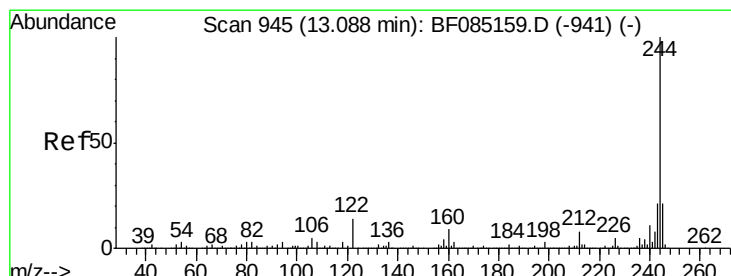
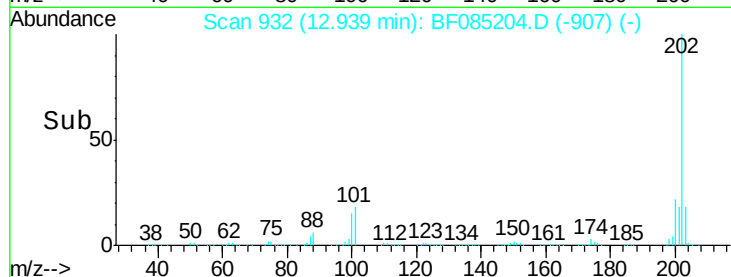
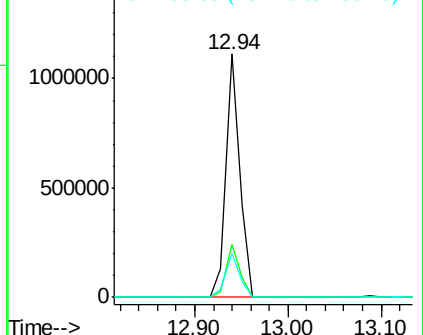
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.2	27.4
203	18.0	14.7	22.1

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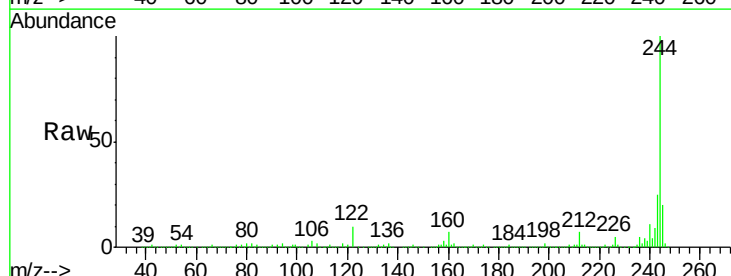


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

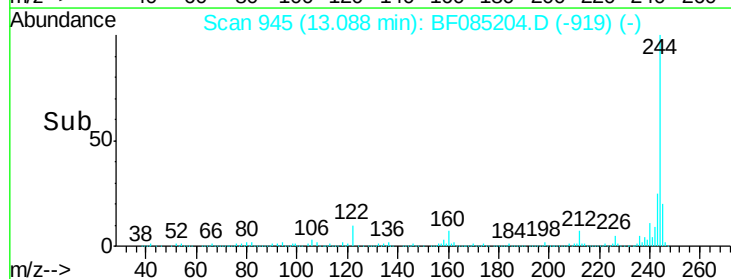
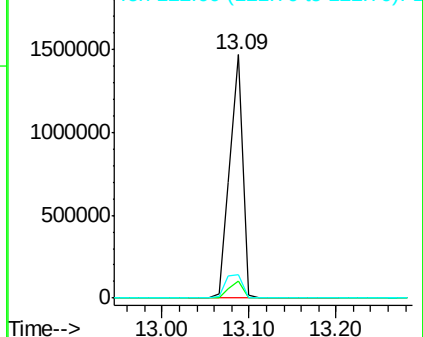


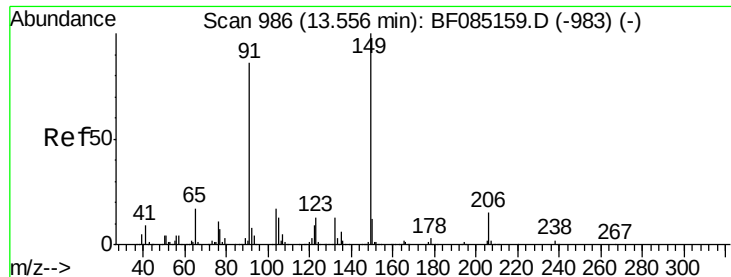
#78
Terphenyl-d14
Concen: 86.53 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	9.7	11.4	17.2



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





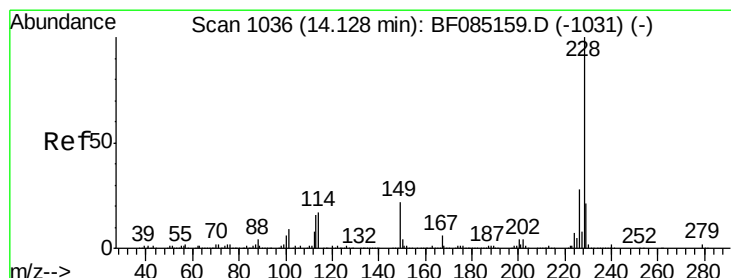
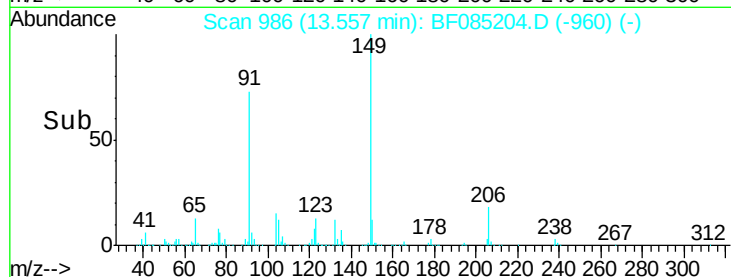
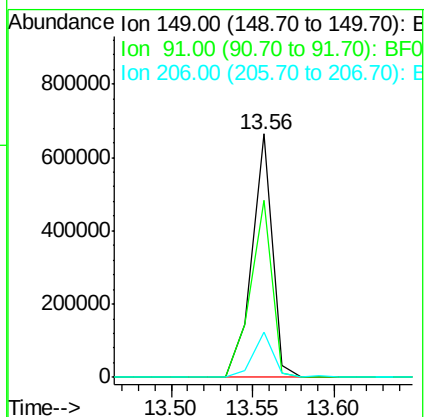
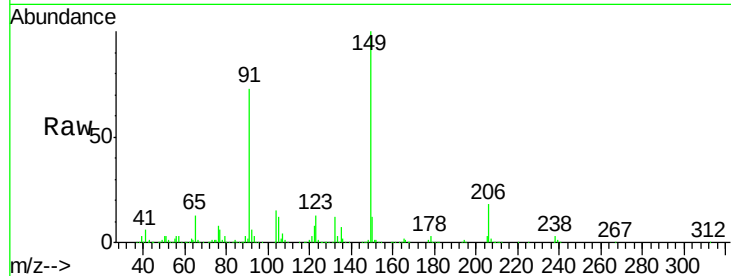
#79
Butylbenzylphthalate
Concen: 41.49 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	69.0	103.4
206	18.4	12.3	18.5

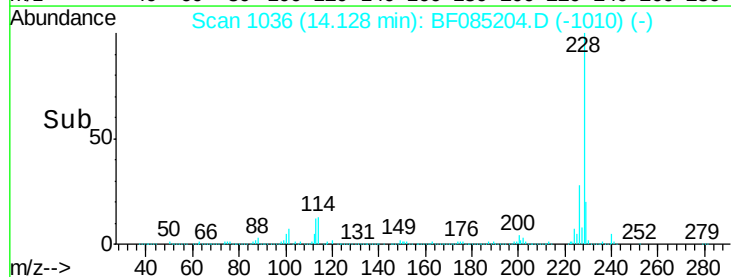
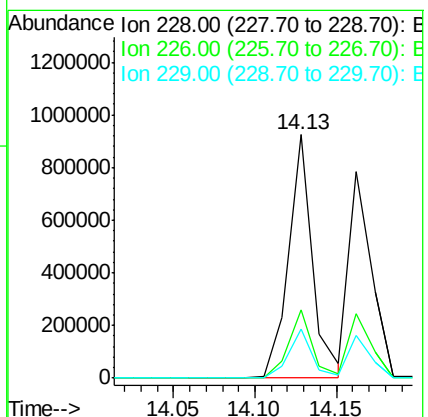
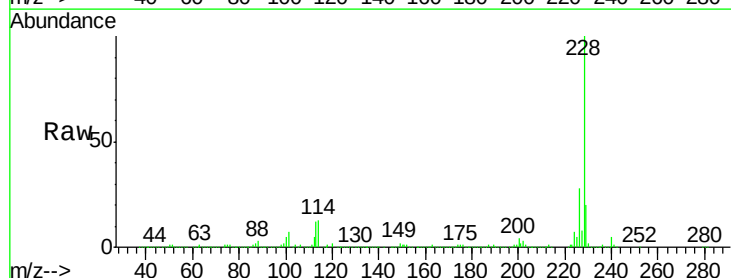
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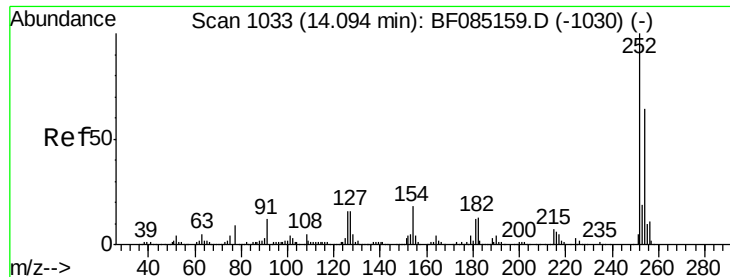
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#80
Benzo(a)anthracene
Concen: 38.71 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.8	34.2
229	20.0	16.6	24.8





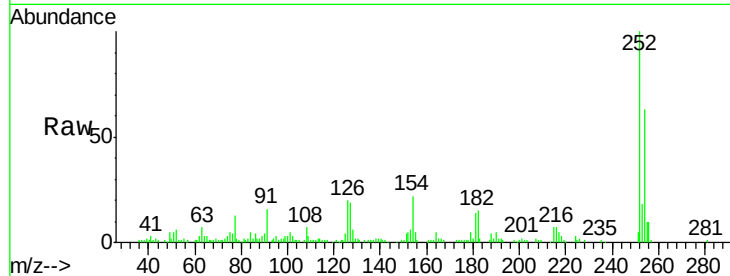
#81
 3,3'-Dichlorobenzidine
 Concen: 14.23 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.4	77.0
126	19.7	12.9	19.3

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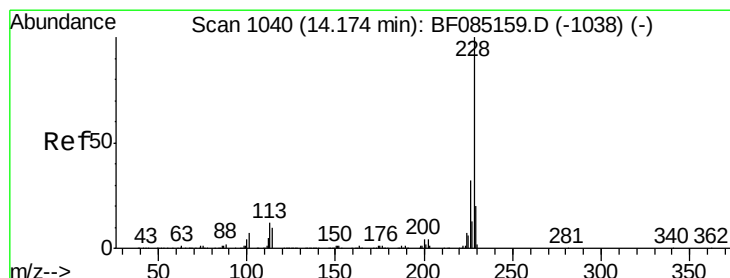
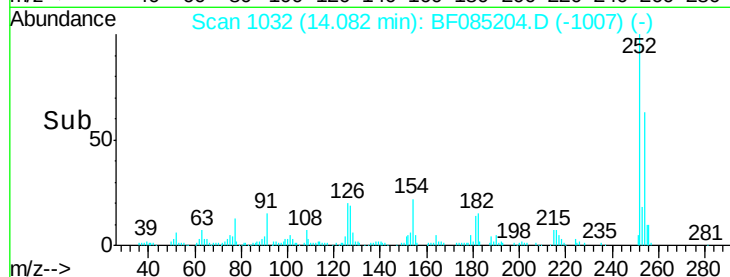
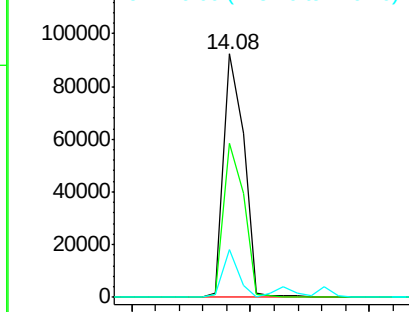


Abundance

Ion 252.00 (251.70 to 252.70): E

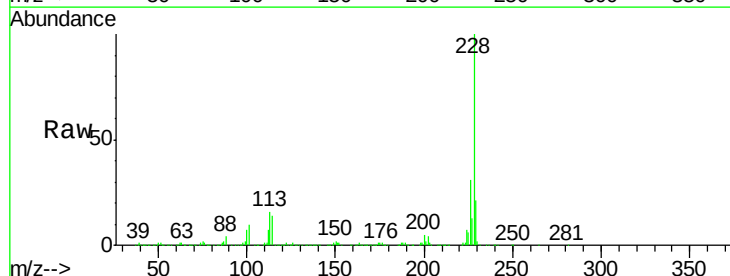
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 34.29 ng
 RT: 14.16 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.2	37.8
229	20.7	16.0	24.0

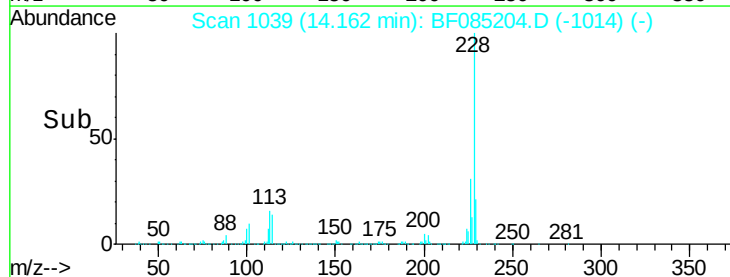
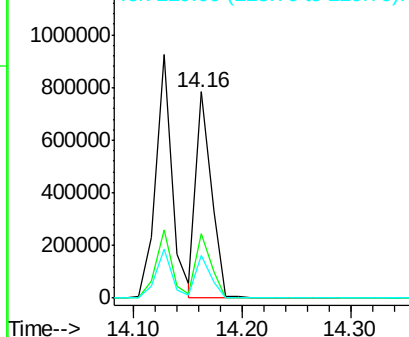


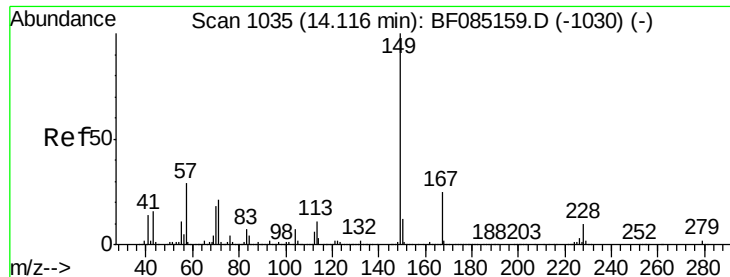
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.30 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

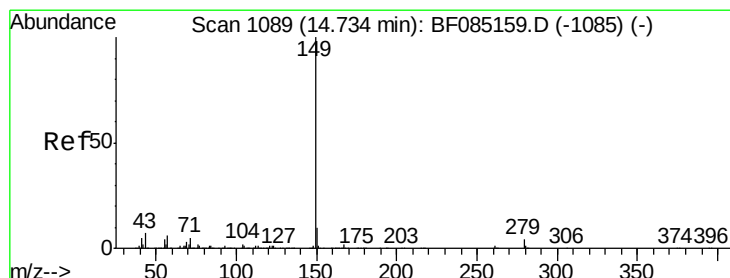
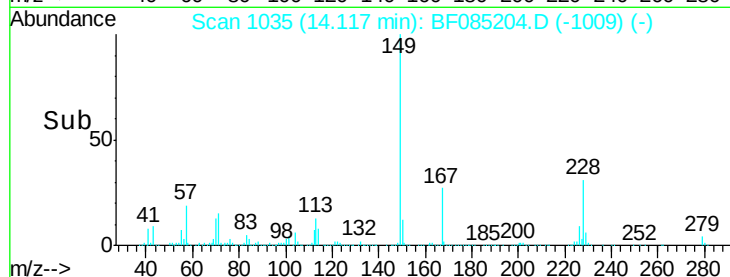
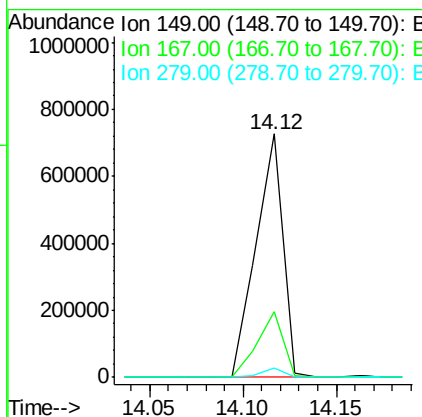
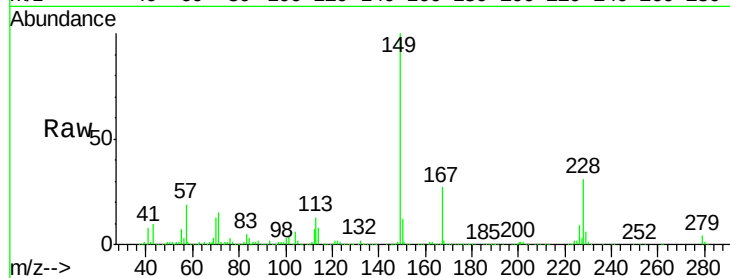
ClientSampleId :

PB88682BS

Tot Ion:	149	Resp:	739413
Ion Ratio		Lower	Upper
149	100		
167	26.9	20.3	30.5
279	3.9	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 37.71 ng

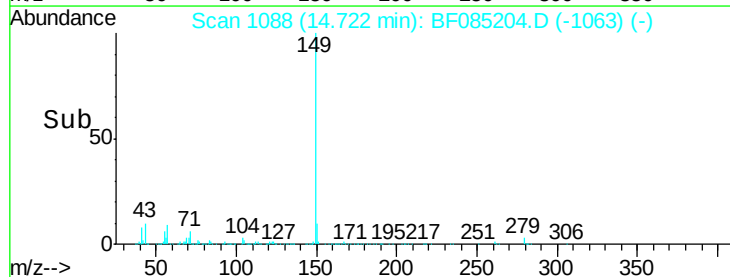
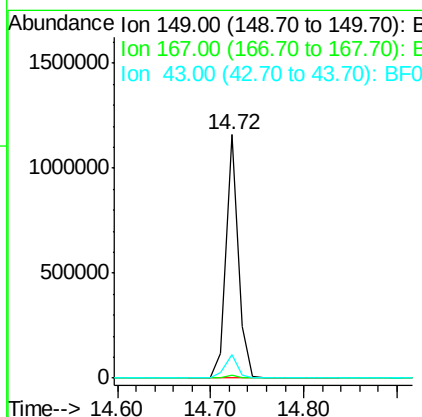
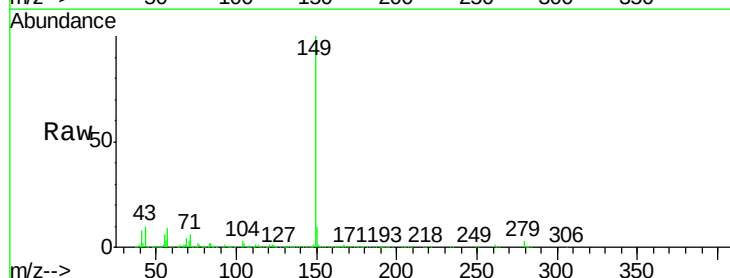
RT: 14.72 min Scan# 1088

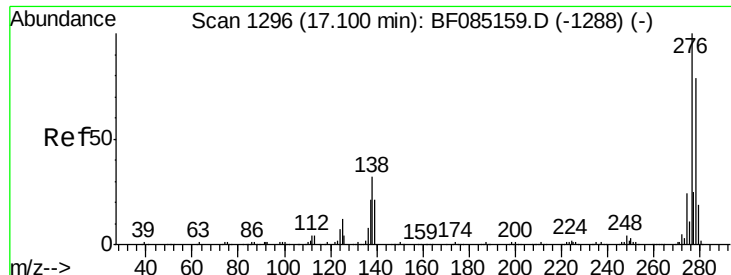
Delta R.T. -0.01 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	149	Resp:	1053619
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.5	7.8	11.8





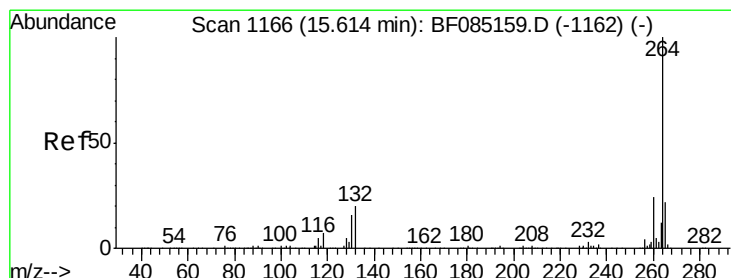
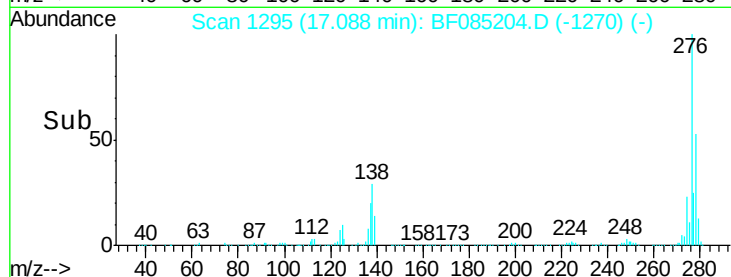
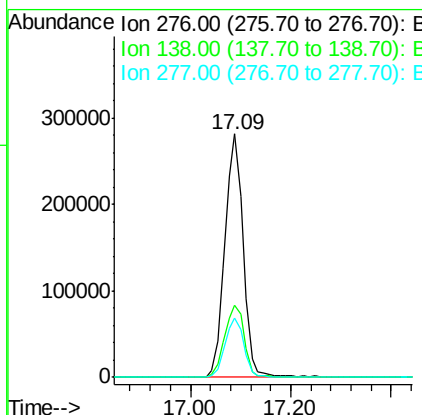
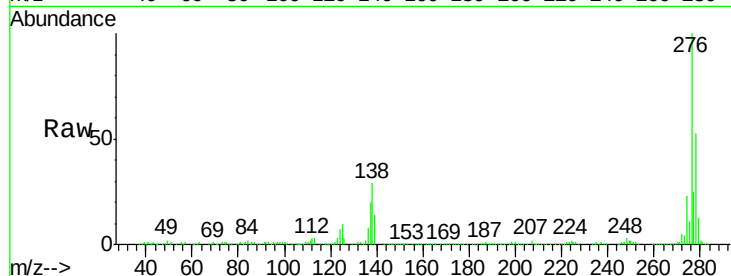
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.57 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	714697		
138	32.2	26.4	39.6	
277	25.5	20.2	30.2	

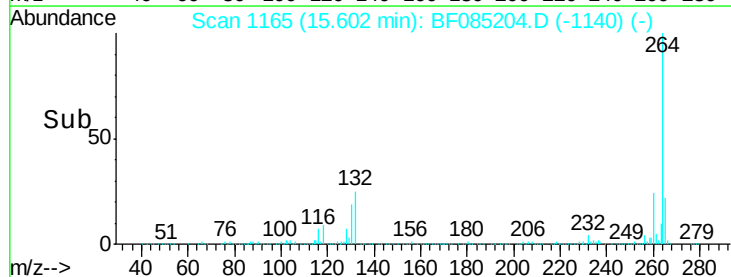
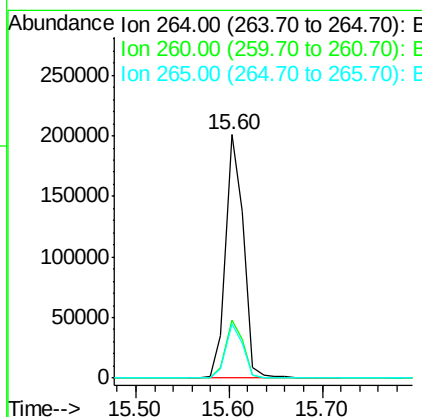
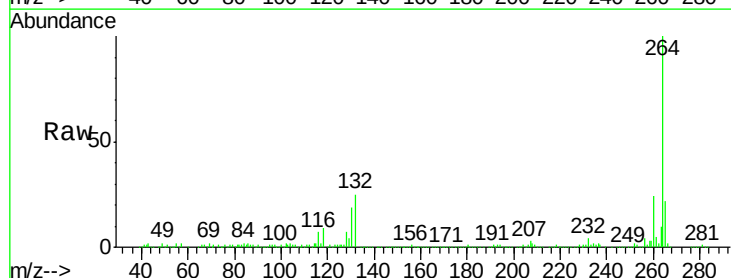
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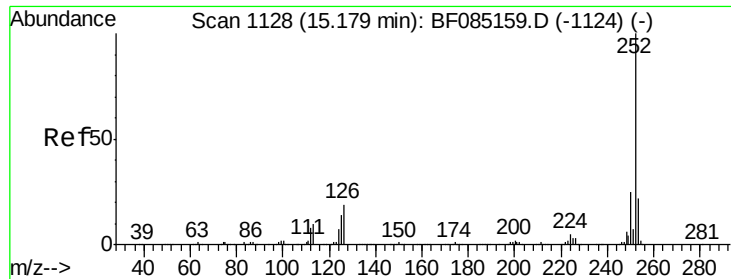
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	267980		
260	23.6	19.2	28.8	
265	22.1	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 42.03 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Instrument :

BNA_F

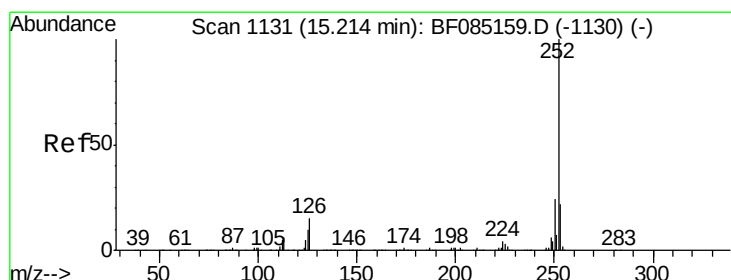
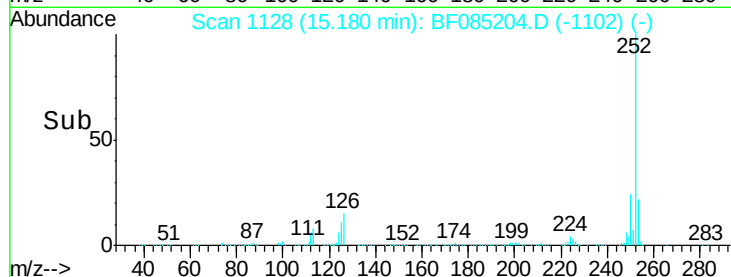
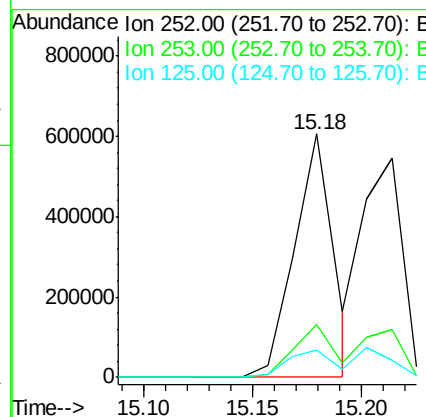
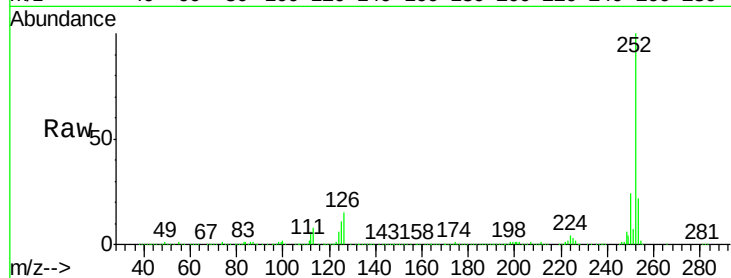
ClientSampleId :

PB88682BS

Tot Ion:	252	Resp:	750817
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	11.3	11.3	16.9#

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#88

Benzo(k)fluoranthene

Concen: 49.39 ng m

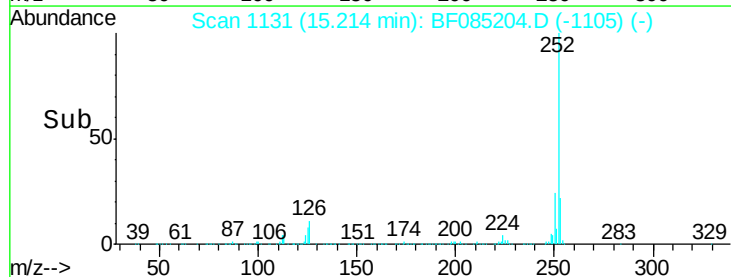
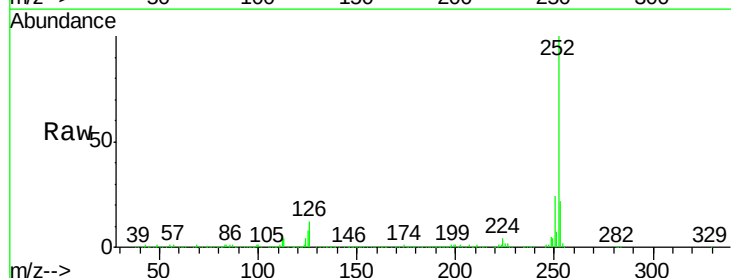
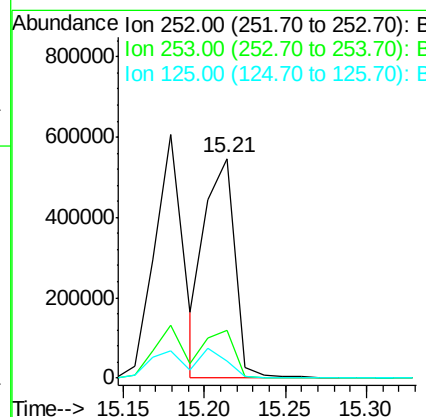
RT: 15.21 min Scan# 1131

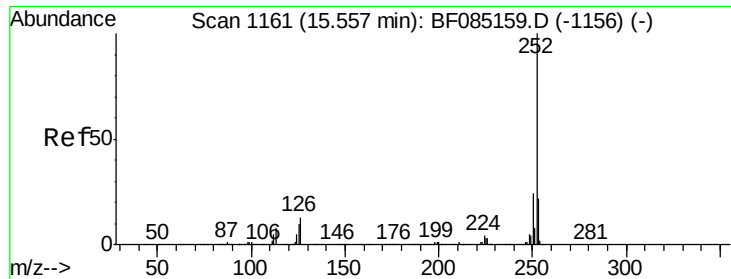
Delta R.T. 0.00 min

Lab File: BF085204.D

Acq: 4 Mar 2016 15:58

Tgt Ion:	252	Resp:	711637
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	7.9	10.4	15.6#





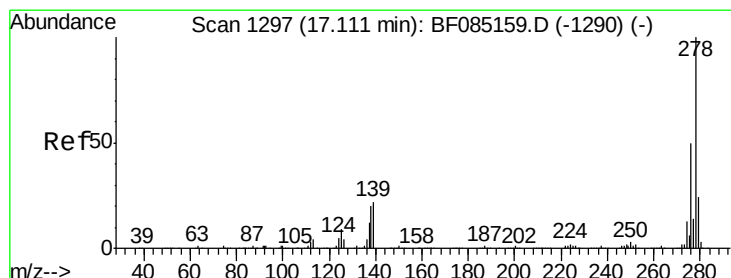
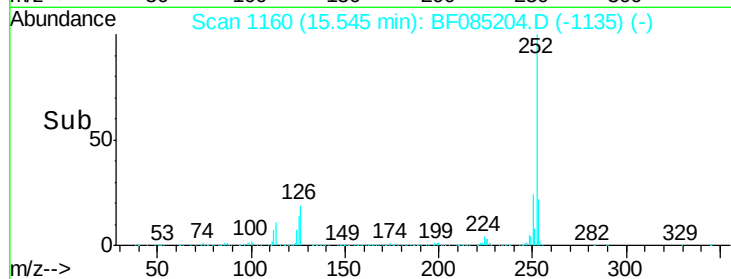
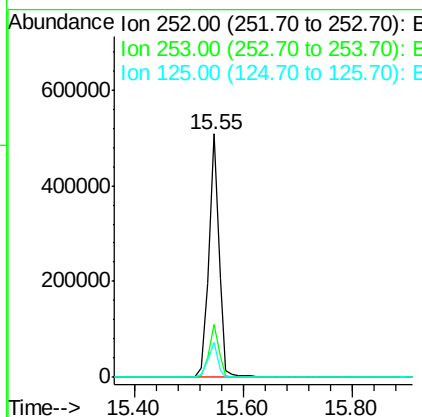
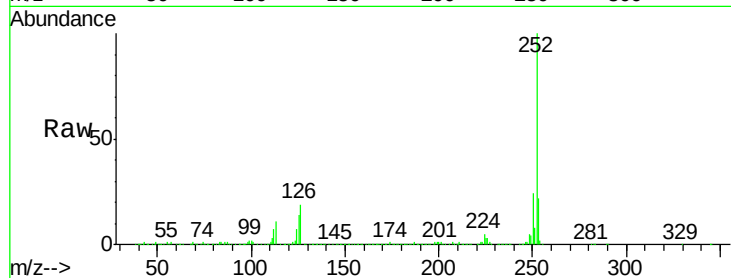
#89
Benzo(a)pyrene
Concen: 44.45 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB88682BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	14.2	8.2	12.4

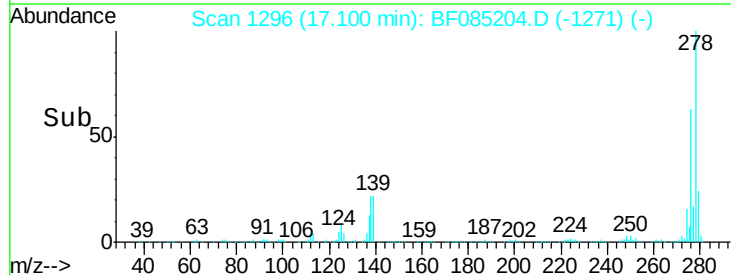
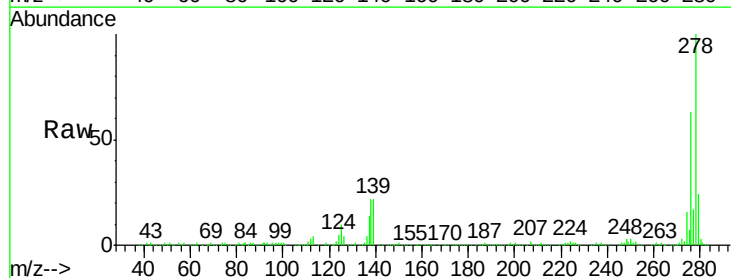
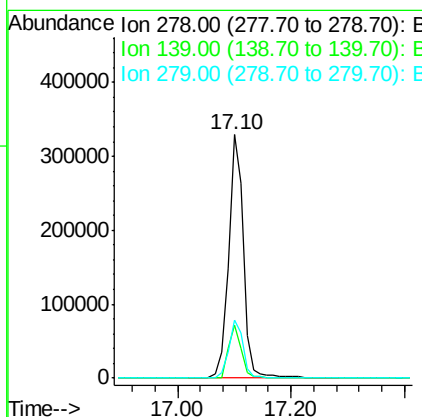
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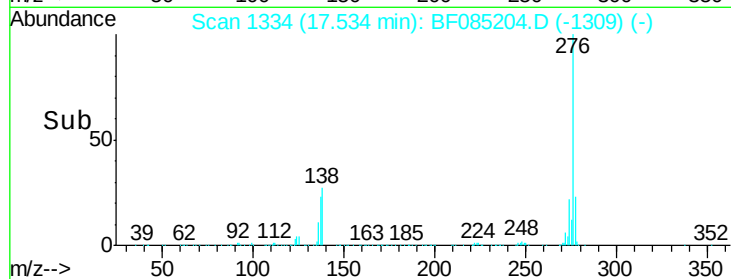
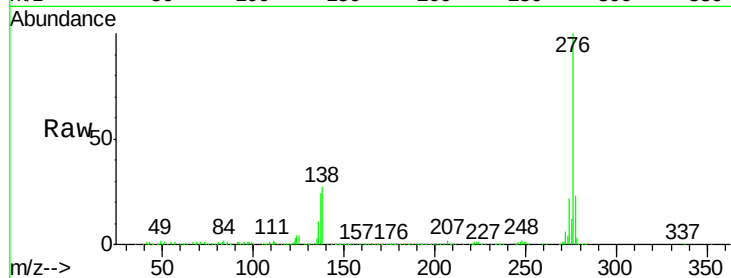
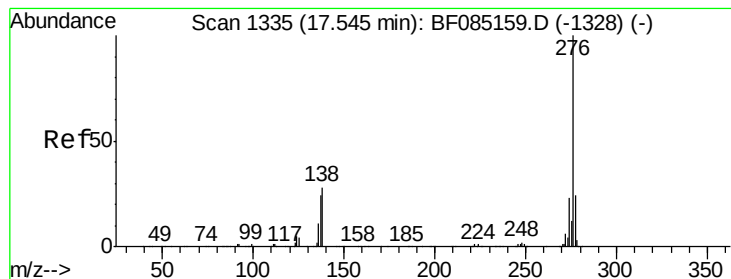
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#90
Dibenzo(a,h)anthracene
Concen: 47.80 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085204.D
Acq: 4 Mar 2016 15:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.3	25.9
279	24.0	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 47.60 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085204.D
 Acq: 4 Mar 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BS

Tot Ion:	276	Resp:	604767
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.0	28.4
138	27.3	22.5	33.7

Manual Integrations
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