

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075590.D
 Acq On : 16 Nov 2014 20:12
 Operator : TP / JJ
 Sample : PB80336BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:39:52 PM

Quant Time: Nov 17 07:08:12 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	37411	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	164351	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	85045	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	150505	20.00	ng	0.00
75) Chrysene-d12	16.46	240	179355	20.00	ng	-0.01
86) Perylene-d12	18.21	264	149727	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	153740	72.60	ng	0.00
7) Phenol-d6	7.10	99	189846	74.55	ng	-0.01
23) Nitrobenzene-d5	8.24	82	180674	80.60	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	51011	71.61	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	393531	83.62	ng	0.00
78) Terphenyl-d14	15.16	244	482667	72.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	27124	30.51	ng	99
3) Pyridine	3.28	79	76244m	31.92	ng	
4) n-Nitrosodimethylamine	3.19	42	39339	31.11	ng	# 91
6) Aniline	7.13	93	47770	12.99	ng	93
8) 2-Chlorophenol	7.28	128	88242	36.00	ng	87
9) Benzaldehyde	7.00	77	44439	25.94	ng	96
10) Phenol	7.12	94	118608	38.18	ng	90
11) bis(2-Chloroethyl)ether	7.24	93	93892	39.90	ng	86
12) 1,3-Dichlorobenzene	7.48	146	96989	36.31	ng	97
13) 1,4-Dichlorobenzene	7.58	146	98158	36.12	ng	91
14) 1,2-Dichlorobenzene	7.76	146	102467	40.22	ng	94
15) Benzyl Alcohol	7.73	79	76790	38.41	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.91	45	196097	40.26	ng	96
17) 2-Methylphenol	7.88	107	78624	38.75	ng	94
18) Hexachloroethane	8.18	117	37940	40.72	ng	# 72
19) n-Nitroso-di-n-propylamine	8.06	70	66112	38.10	ng	98
20) 3+4-Methylphenols	8.06	107	104519	39.34	ng	# 78
22) Acetophenone	8.06	105	122545	34.56	ng	# 93
24) Nitrobenzene	8.26	77	98502	37.92	ng	96
25) Isophorone	8.56	82	188707	36.87	ng	97
26) 2-Nitrophenol	8.66	139	51170	43.23	ng	# 74
27) 2,4-Dimethylphenol	8.72	122	84818	36.97	ng	98
28) bis(2-Chloroethoxy)methane	8.84	93	121734	39.03	ng	96
29) 2,4-Dichlorophenol	8.96	162	81858	40.73	ng	98
30) 1,2,4-Trichlorobenzene	9.06	180	82782	39.22	ng	98
31) Naphthalene	9.16	128	290519	39.65	ng	99
32) Benzoic acid	8.80	122	44657	32.22	ng	89
33) 4-Chloroaniline	9.22	127	54159	17.01	ng	# 94
34) Hexachlorobutadiene	9.32	225	41504	36.39	ng	98
35) Caprolactam	9.65	113	25105	37.69	ng	# 86
36) 4-Chloro-3-methylphenol	9.83	107	83896	38.04	ng	93
37) 2-Methylnaphthalene	10.02	142	198521	39.71	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	63334	36.23	ng	98
40) Hexachlorocyclopentadiene	10.21	237	79119	74.50	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	51074	36.74	nq	98
43) 2,4,5-Trichlorophenol	10.41	196	54886	37.91	nq	# 85
45) 1,1'-Biphenyl	10.61	154	197812	34.48	nq	95
46) 2-Chloronaphthalene	10.63	162	190957	42.57	nq	# 91
47) 2-Nitroaniline	10.76	65	57417	42.54	nq	# 48
48) Acenaphthylene	11.15	152	340229	46.00	nq	99
49) Dimethylphthalate	10.99	163	247818	42.63	nq	100
50) 2,6-Dinitrotoluene	11.07	165	48947	42.74	nq	# 56
51) Acenaphthene	11.36	154	190451	42.66	nq	99
52) 3-Nitroaniline	11.26	138	36953	27.37	nq	96
53) 2,4-Dinitrophenol	11.40	184	41700	69.12	nq	# 63
54) Dibenzofuran	11.57	168	277088	43.43	nq	97
55) 4-Nitrophenol	11.48	139	93725	86.84	nq	# 79
56) 2,4-Dinitrotoluene	11.56	165	70095	46.59	nq	# 86
57) Fluorene	12.00	166	212294	41.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.73	232	47738	41.54	nq	# 96
59) Diethylphthalate	11.87	149	239851	39.76	nq	98
60) 4-Chlorophenyl-phenylether	12.00	204	89701	40.43	nq	99
61) 4-Nitroaniline	12.03	138	54321	40.24	nq	# 75
62) Azobenzene	12.20	77	198652	37.43	nq	95
64) 4,6-Dinitro-2-methylphenol	12.06	198	27679	36.36	nq	87
65) n-Nitrosodiphenylamine	12.15	169	177238	37.23	nq	99
66) 4-Bromophenyl-phenylether	12.61	248	57519	40.62	nq	# 79
67) Hexachlorobenzene	12.68	284	64885	40.35	nq	97
68) Atrazine	12.81	200	50579	34.24	nq	96
69) Pentachlorophenol	12.93	266	55837	55.33	nq	95
70) Phenanthrene	13.19	178	341969	43.17	nq	99
71) Anthracene	13.26	178	375550	45.87	nq	99
72) Carbazole	13.47	167	366148	45.71	nq	99
73) Di-n-butylphthalate	13.90	149	449495	40.62	nq	100
74) Fluoranthene	14.68	202	382517	45.09	nq	94
76) Benzidine	14.85	184	105591	18.51	nq	97
77) Pyrene	14.96	202	405210	38.86	nq	99
79) Butylbenzylphthalate	15.77	149	202158	34.52	nq	99
80) Benzo(a)anthracene	16.45	228	374015	39.69	nq	99
81) 3,3'-Dichlorobenzidine	16.43	252	63347	18.21	nq	# 93
82) Chrysene	16.49	228	349084	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	310287	33.64	nq	# 98
84) Di-n-octyl phthalate	17.27	149	553145	34.07	nq	96
85) Indeno(1,2,3-cd)pyrene	19.76	276	414032	41.88	nq	# 100
87) Benzo(b)fluoranthene	17.74	252	352759m	44.07	nq	
88) Benzo(k)fluoranthene	17.77	252	365486m	50.87	nq	
89) Benzo(a)pyrene	18.14	252	327841	45.77	nq	# 94
90) Dibenzo(a,h)anthracene	19.80	278	375387	50.18	nq	97
91) Benzo(g,h,i)perylene	20.23	276	351661	49.34	nq	97

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

```

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Misc      :
ALS Vial  : 17      Sample Multiplier: 1

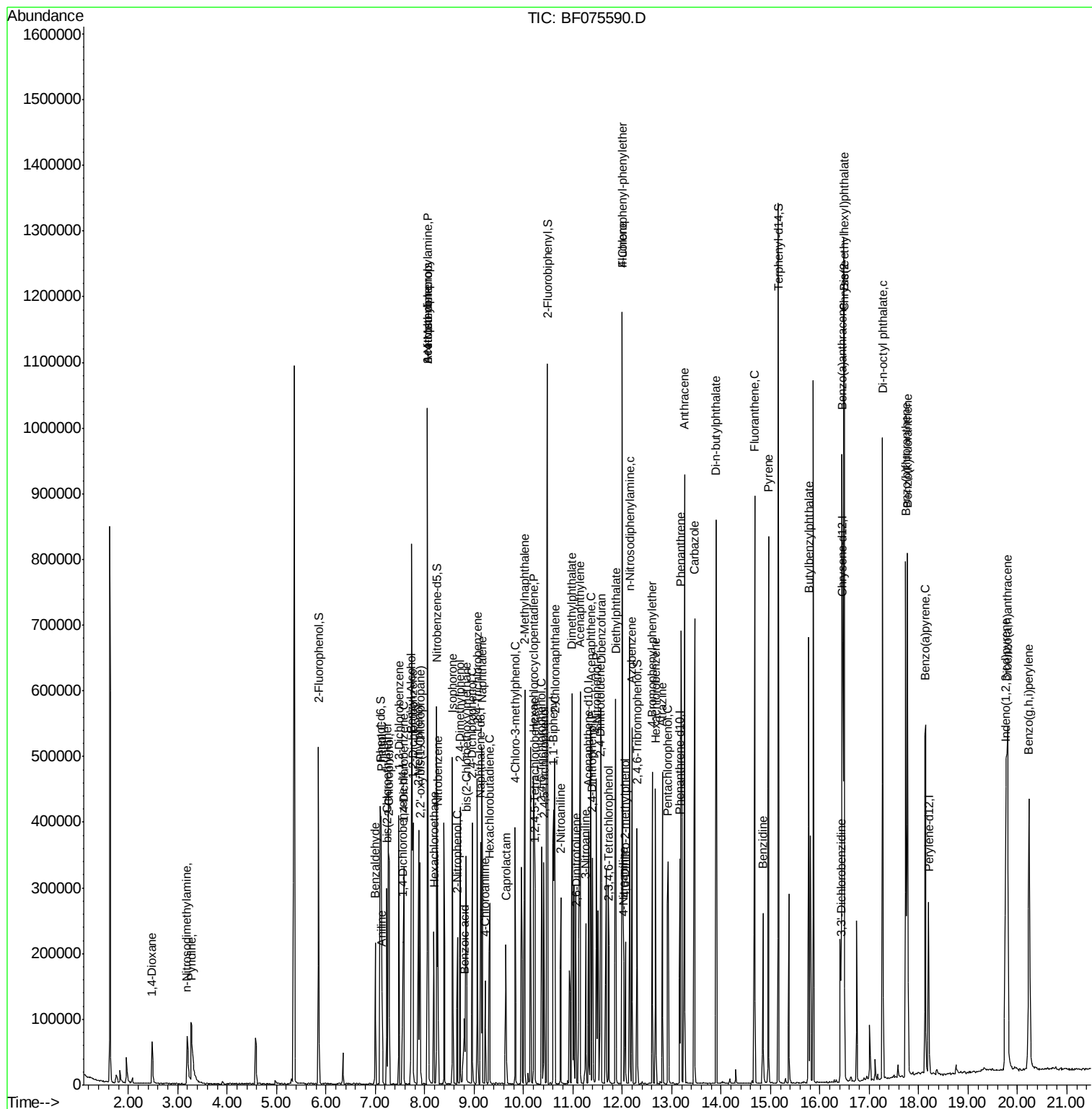
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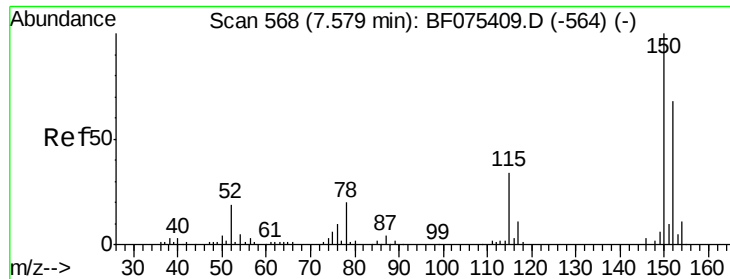
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

ClientSampleId :

PB80336BS

Tot Ion:152 Resp: 37411

Ion Ratio Lower Upper

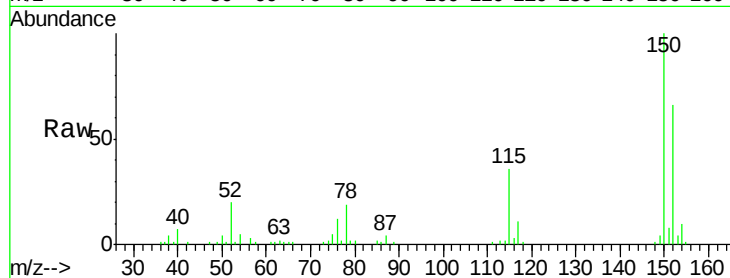
152 100

150 152.2 127.2 190.8

115 54.6 57.1 85.7#

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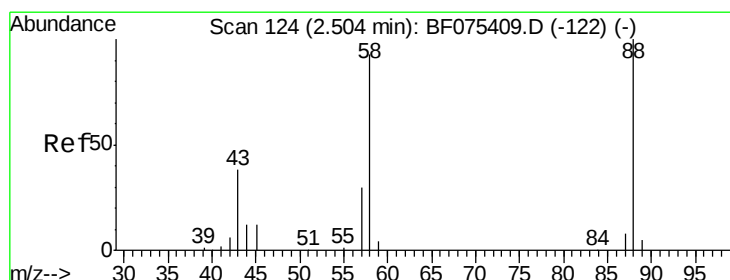
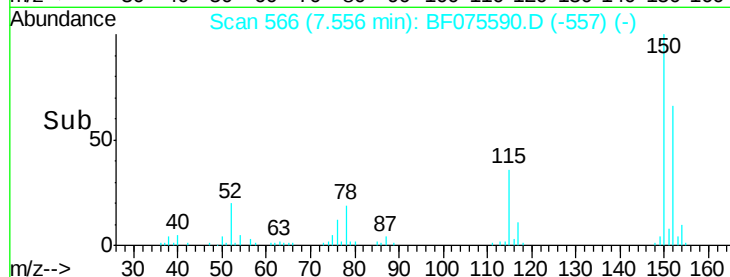
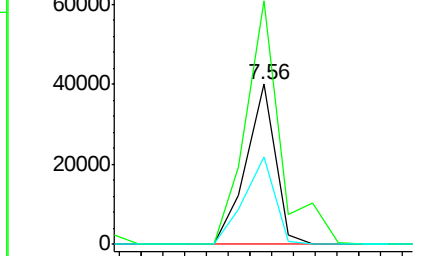
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.51 ng

RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

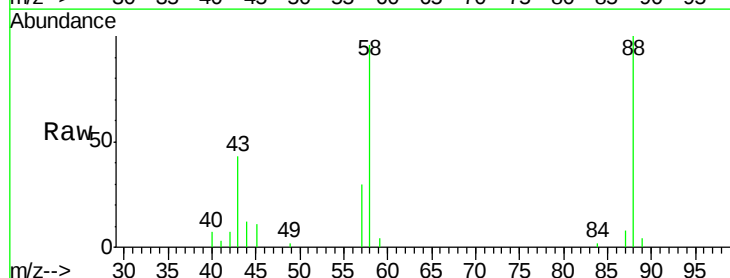
Tgt Ion: 88 Resp: 27124

Ion Ratio Lower Upper

88 100

58 92.6 73.5 110.3

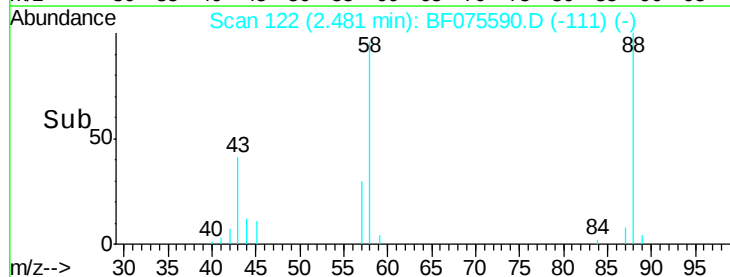
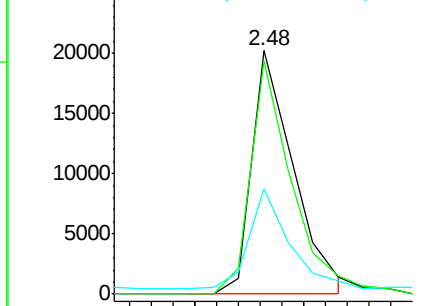
43 39.4 31.9 47.9

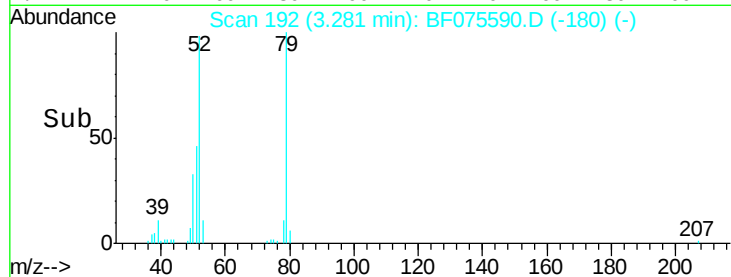
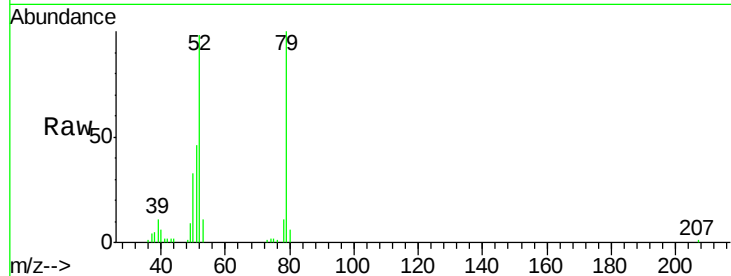
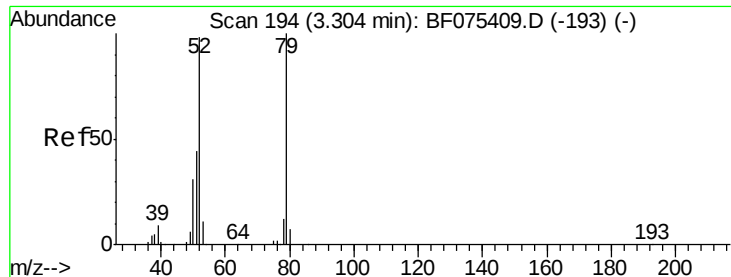


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





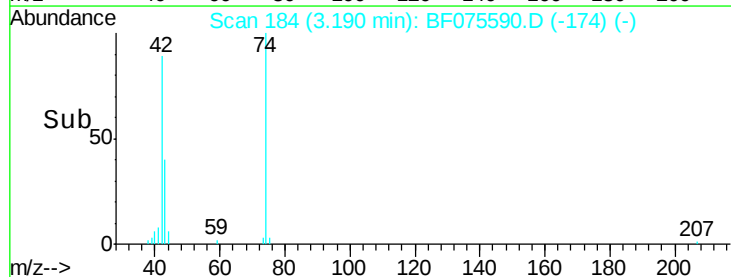
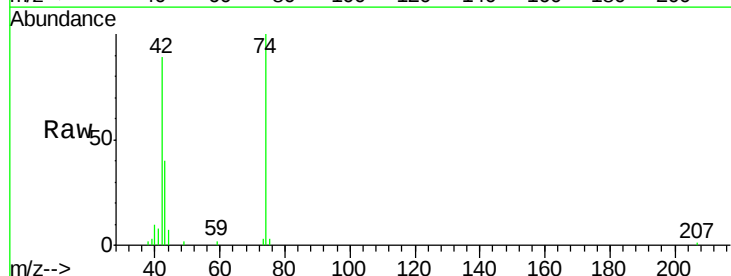
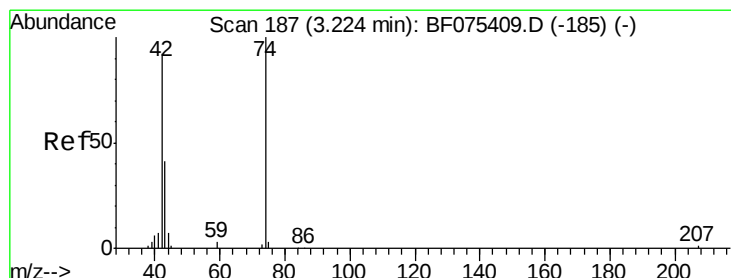
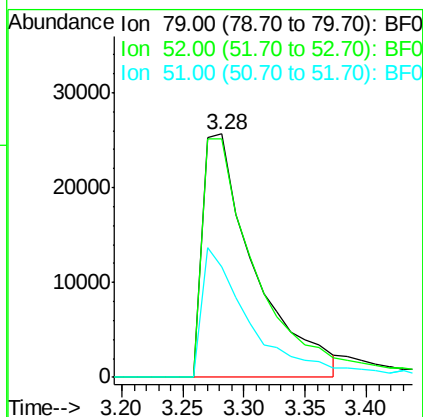
#3
Pvridine
Concen: 31.92 ng/ml
RT: 3.28 min Scan# 192
Delta R.T. 0.03 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	97.9	76.6	115.0
51	51	45.5	37.0	55.4

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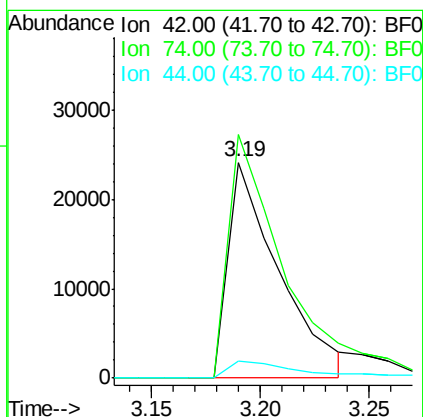
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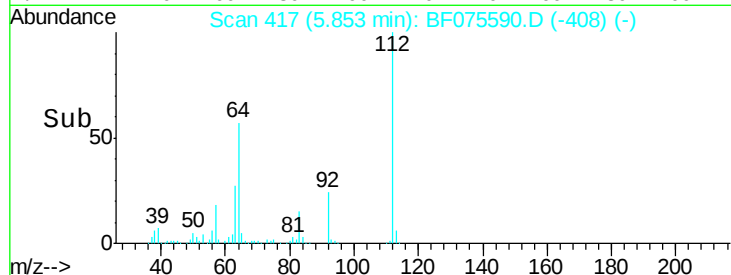
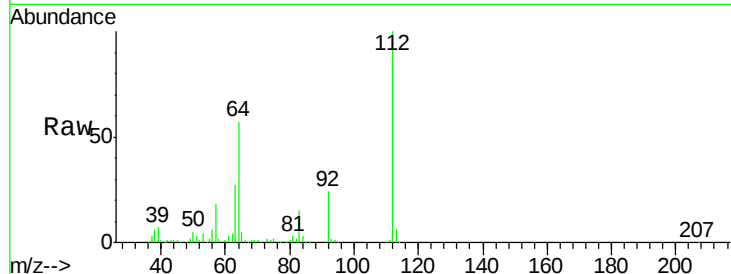
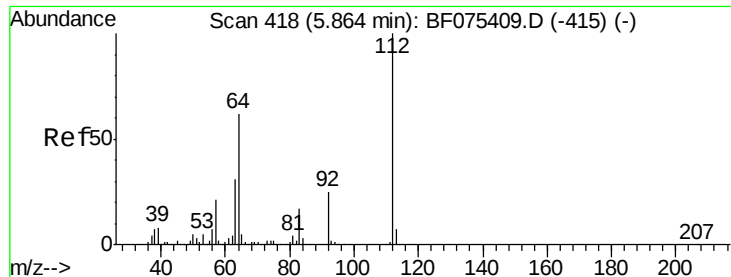
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#4
n-Nitrosodimethylamine
Concen: 31.11 ng/ml
RT: 3.19 min Scan# 184
Delta R.T. 0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	112.7	82.4	123.6
44	44	8.1	8.2	12.4#





#5

2-Fluorophenol

Concen: 72.60 ng

RT: 5.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tot Ion:	112	Resp:	153740
Ion Ratio	Lower	Upper	
112	100		
64	57.1	45.8	68.6
63	27.5	22.7	34.1

Instrument :

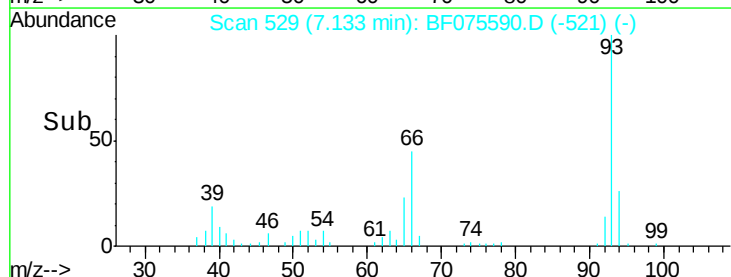
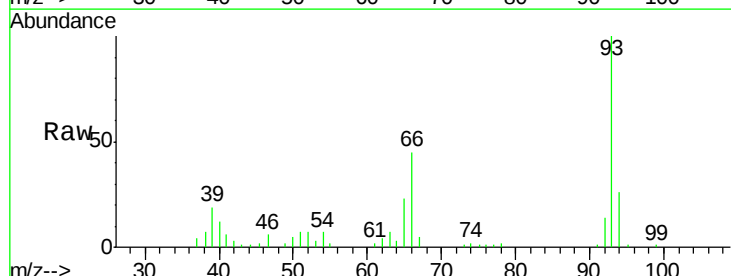
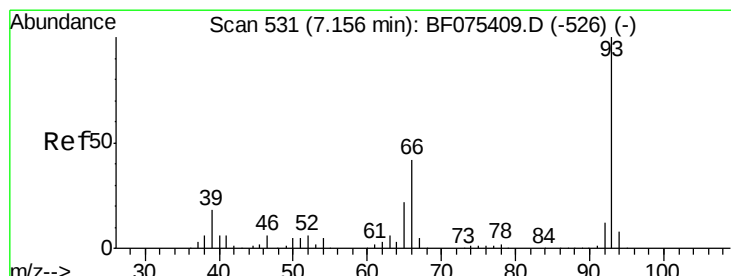
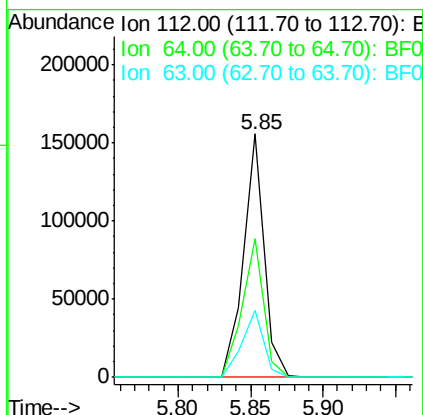
BNA_F

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#6

Aniline

Concen: 12.99 ng

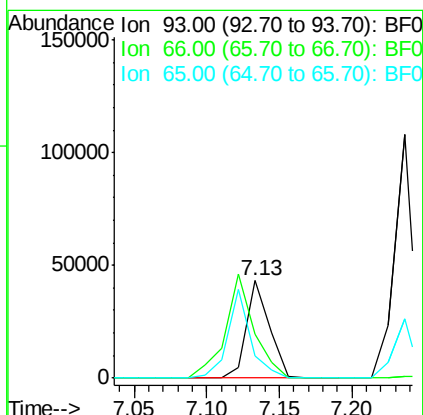
RT: 7.13 min Scan# 529

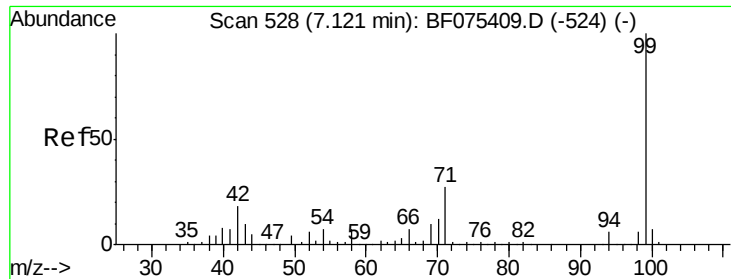
Delta R.T. -0.01 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	93	Resp:	47770
Ion Ratio	Lower	Upper	
93	100		
66	44.7	31.8	47.8
65	22.6	16.6	25.0





#7

Phenol-d6

Concen: 74.55 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

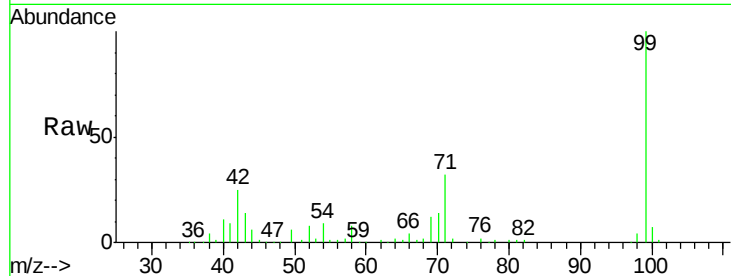
ClientSampleId :

PB80336BS

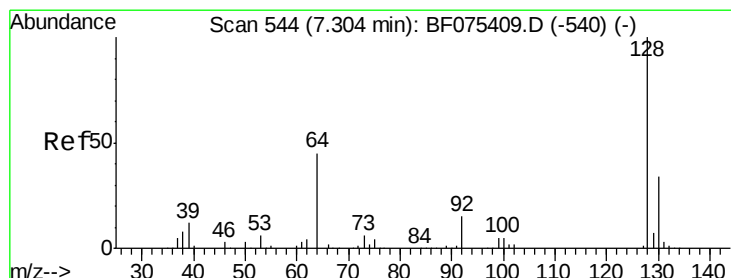
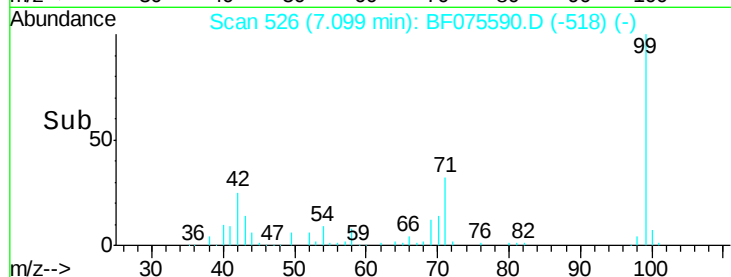
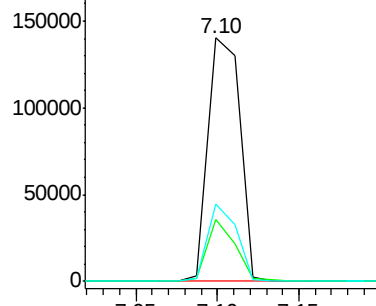
Tot Ion:	99	Resp:	189846
Ion Ratio	Lower	Upper	
99	100		
42	25.4	19.8	29.6
71	32.0	25.5	38.3

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



#8

2-Chlorophenol

Concen: 36.00 ng

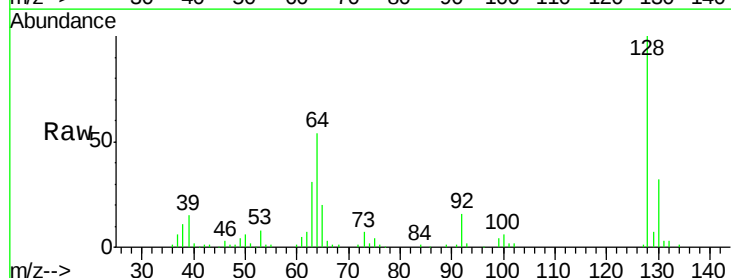
RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

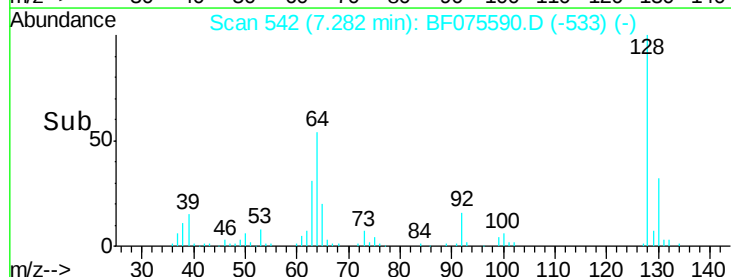
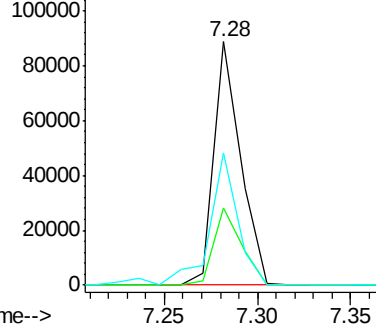
Lab File: BF075590.D

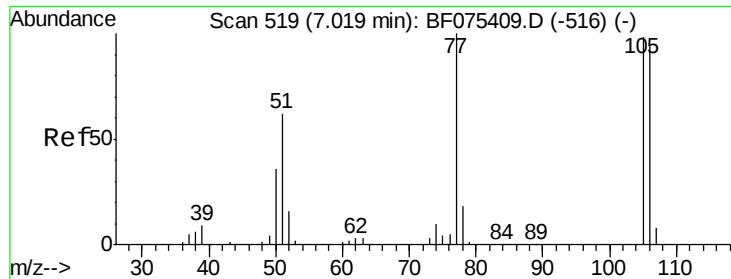
Acq: 16 Nov 2014 20:12

Tgt Ion:	128	Resp:	88242
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.7	52.7
64	54.1	20.3	60.3



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





#9

Benzaldehyde

Concen: 25.94 ng

RT: 7.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

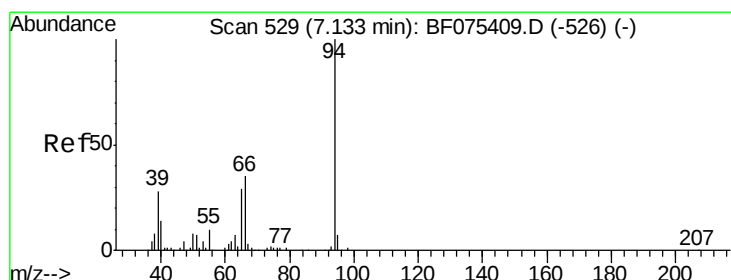
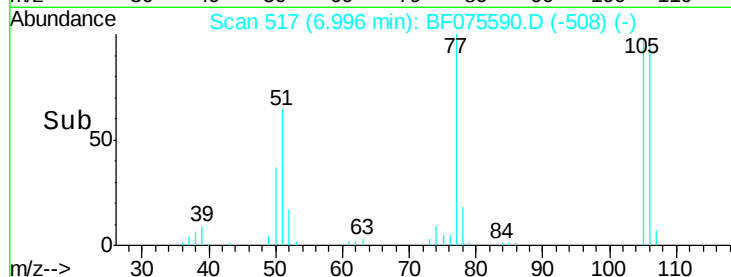
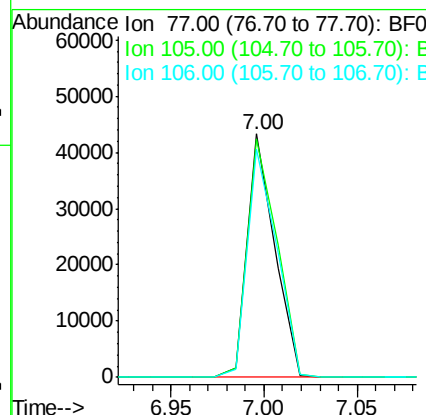
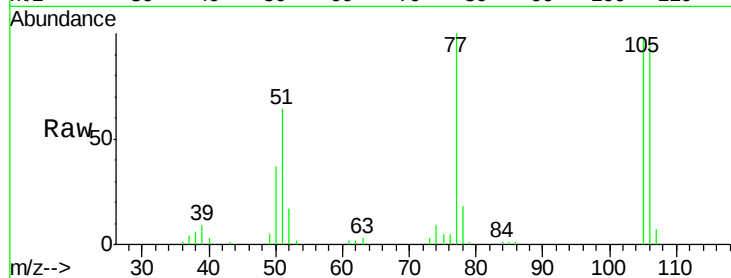
ClientSampleId :

PB80336BS

Tot Ion:	77	Resp:	44439
Ion	Ratio	Lower	Upper
77	100		
105	98.0	81.6	121.6
106	94.0	77.5	117.5

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#10

Phenol

Concen: 38.18 ng

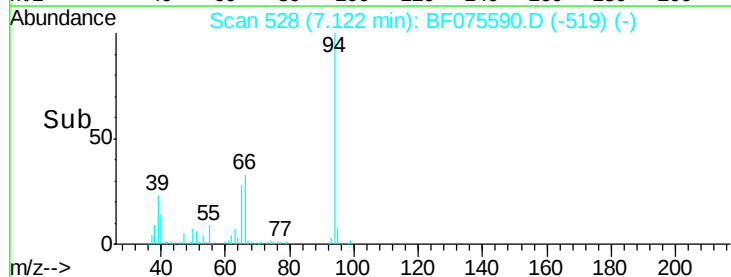
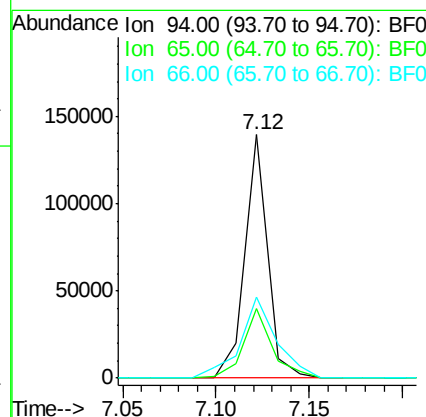
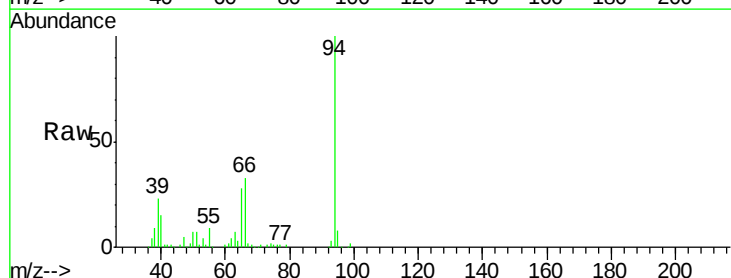
RT: 7.12 min Scan# 528

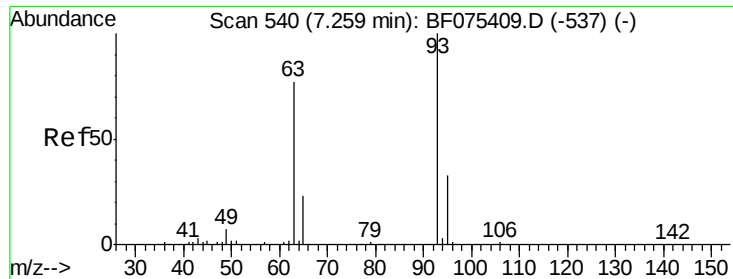
Delta R.T. 0.00 min

Lab File: BF075590.D

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Tgt Ion:	94	Resp:	118608
Ion	Ratio	Lower	Upper
94	100		
65	28.4	13.1	53.1
66	33.3	20.8	60.8





#11

bis(2-Chloroethyl)ether

Concen: 39.90 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

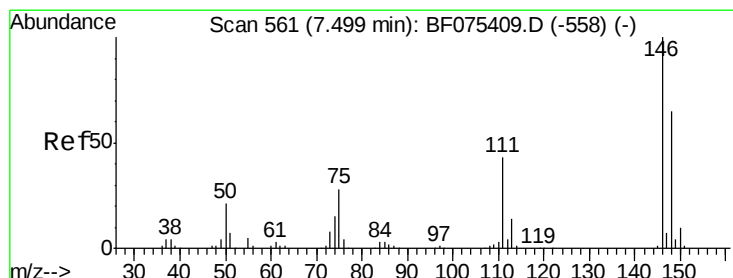
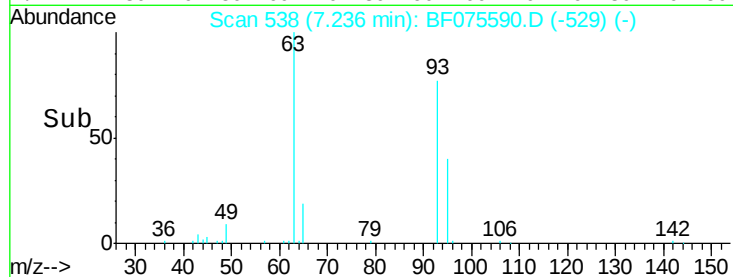
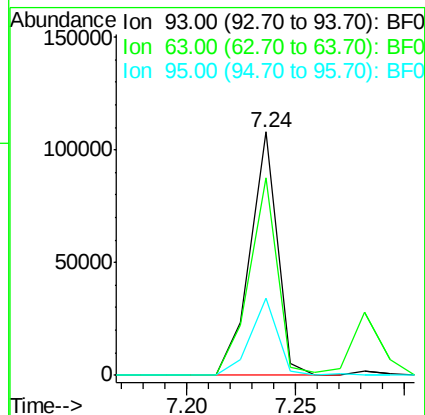
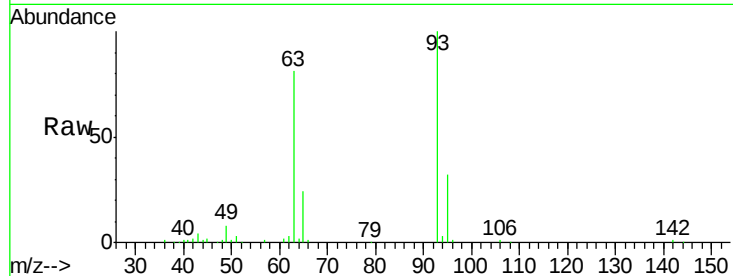
ClientSampled :

PB80336BS

Tot Ion:	93	Resp:	93892
Ion Ratio	Lower	Upper	
93	100		
63	81.1	79.8	119.8
95	31.7	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 36.31 ng

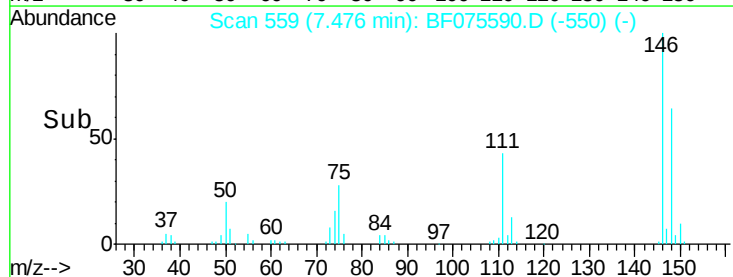
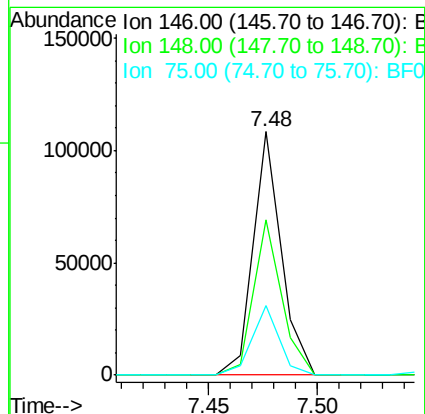
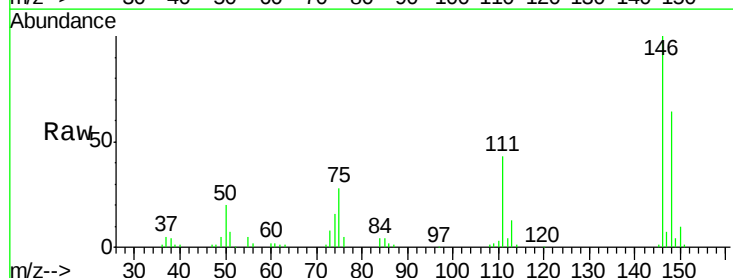
RT: 7.48 min Scan# 559

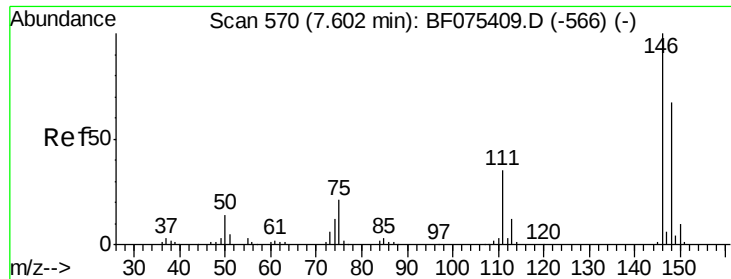
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	146	Resp:	96989
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.1	79.7
75	28.4	21.5	32.3





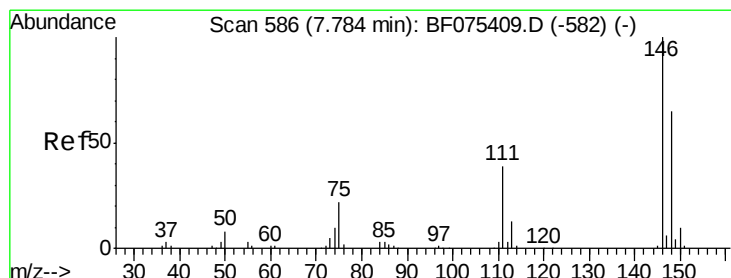
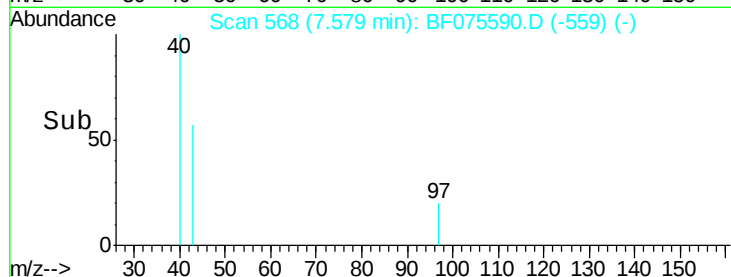
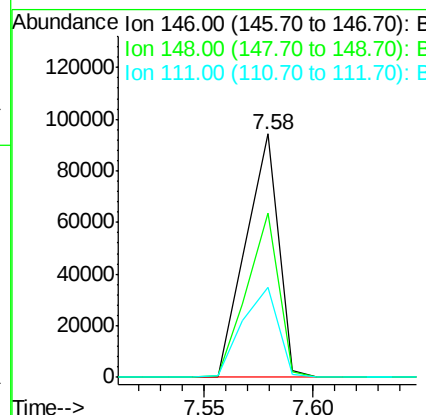
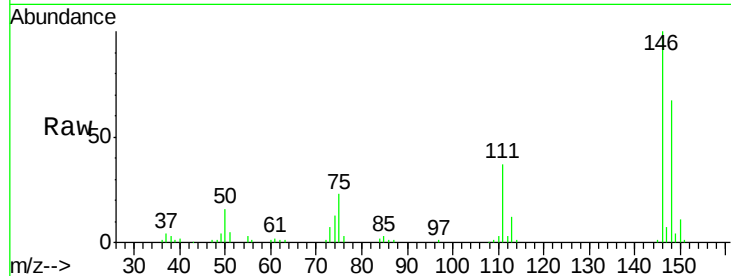
#13
 1,4-Dichlorobenzene
 Concen: 36.12 ng
 RT: 7.58 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	49.9	74.9
111	37.1	35.8	53.6

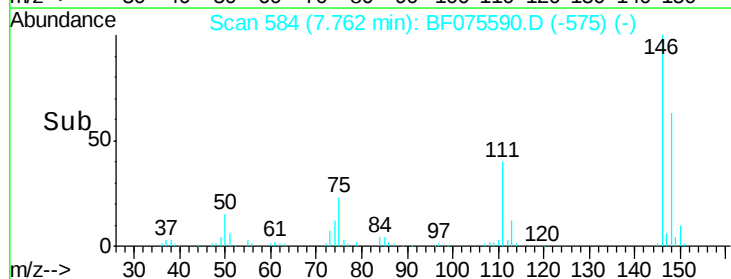
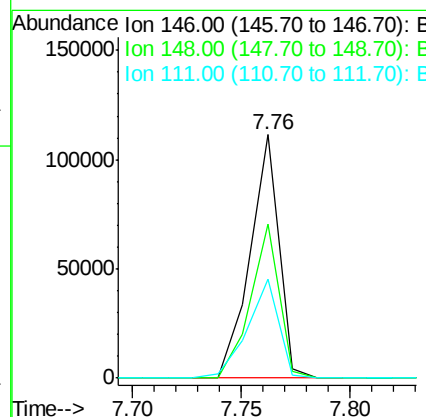
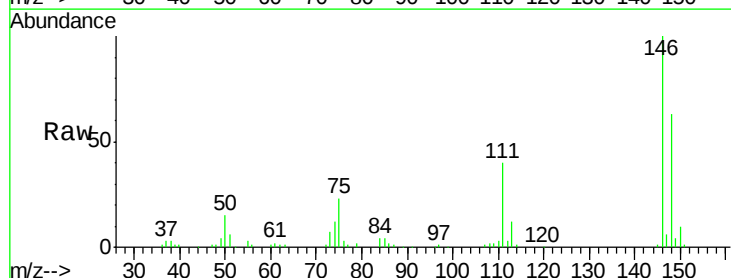
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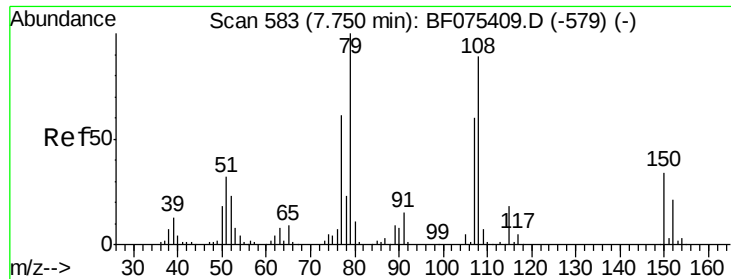
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#14
 1,2-Dichlorobenzene
 Concen: 40.22 ng
 RT: 7.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	40.4	39.9	59.9





#15

Benzyl Alcohol

Concen: 38.41 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

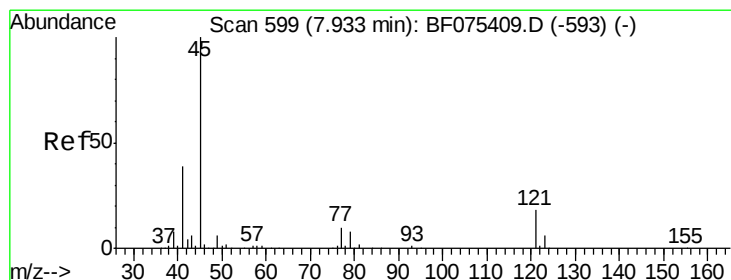
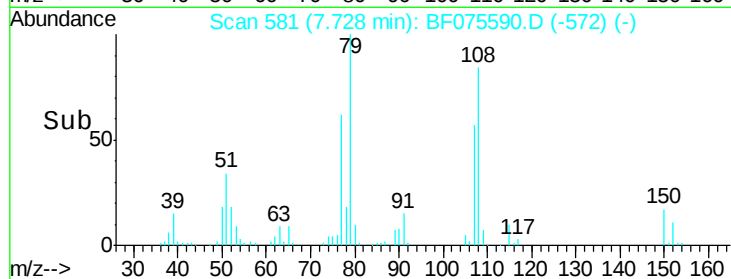
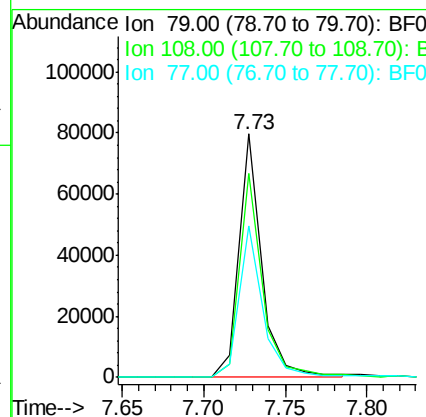
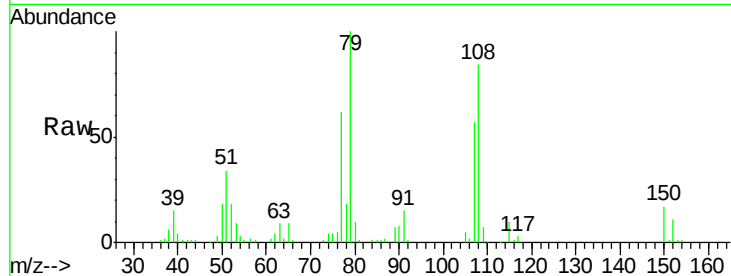
ClientSampleID :

PB80336BS

Tot Ion:	79	Resp:	76790
Ion Ratio	Lower	Upper	
79	100		
108	83.8	75.5	113.3
77	62.4	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.26 ng

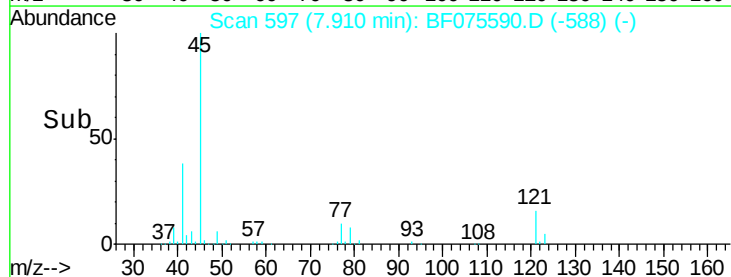
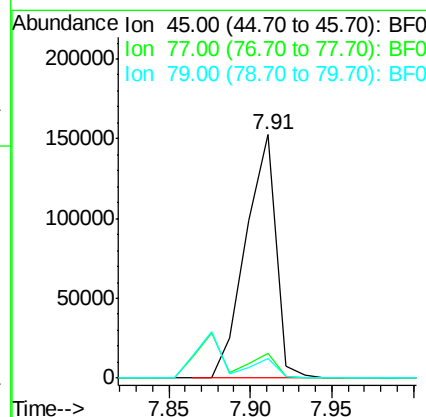
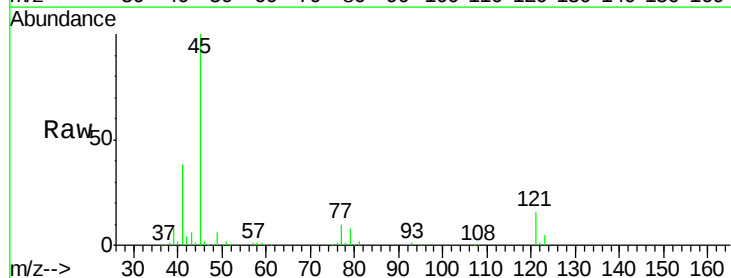
RT: 7.91 min Scan# 597

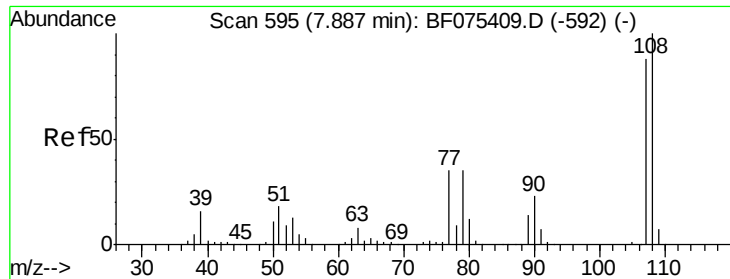
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	45	Resp:	196097
Ion Ratio	Lower	Upper	
45	100		
77	10.0	0.0	28.6
79	8.2	0.0	26.5





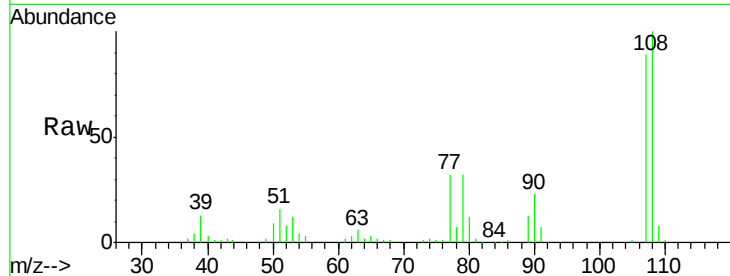
#17
2-Methylphenol
Concen: 38.75 ng
RT: 7.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

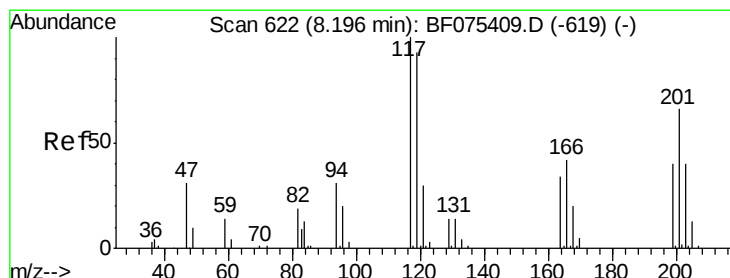
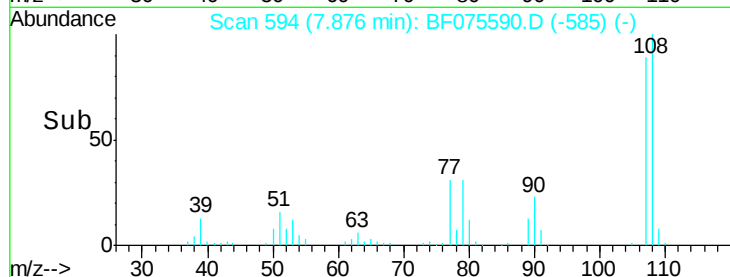
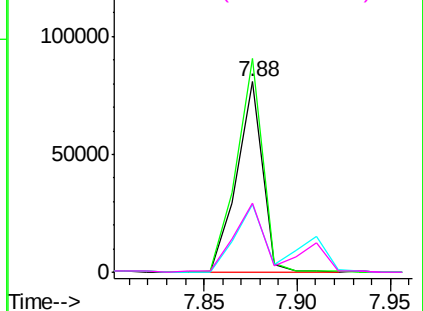
Tot Ion:	107	Resp:	78624
Ion Ratio	Lower	Upper	
107	100		
108	112.3	95.6	143.4
77	35.6	30.2	45.4
79	36.1	31.3	46.9

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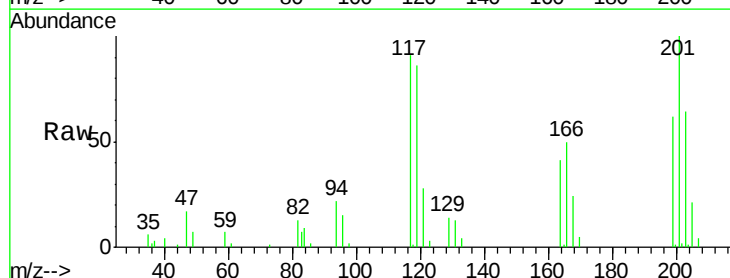


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

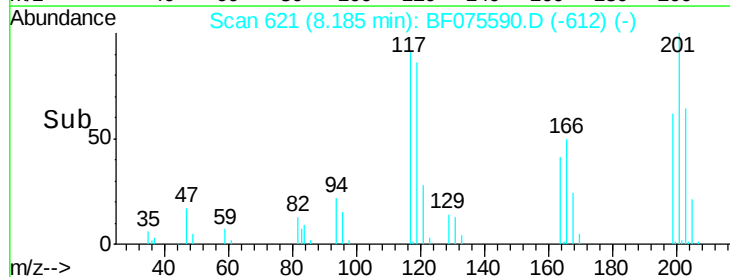
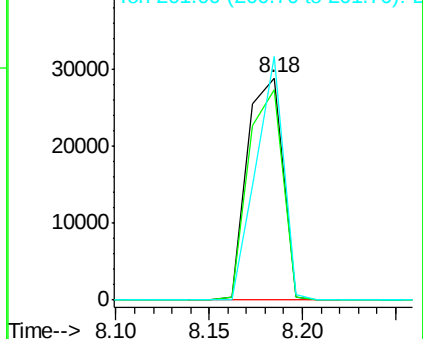


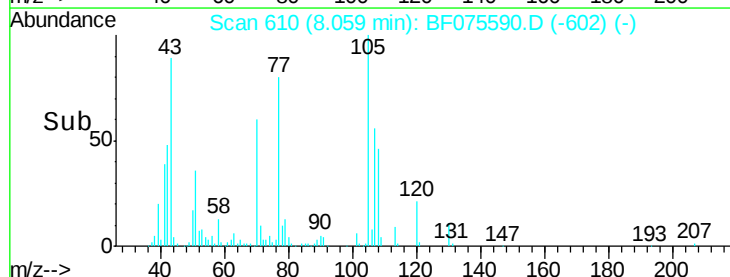
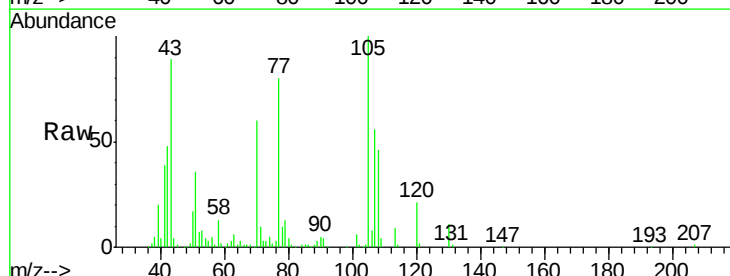
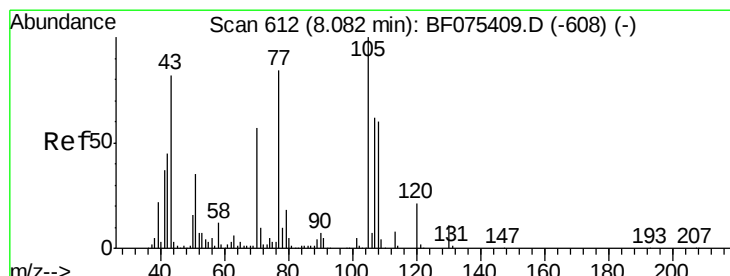
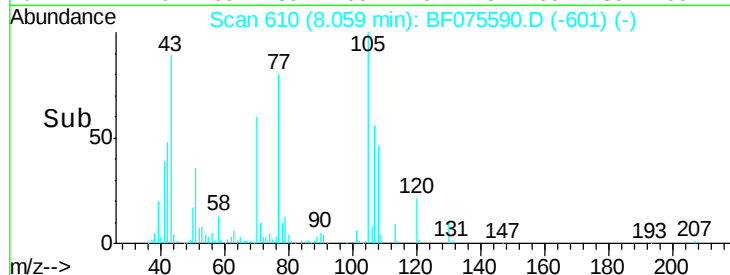
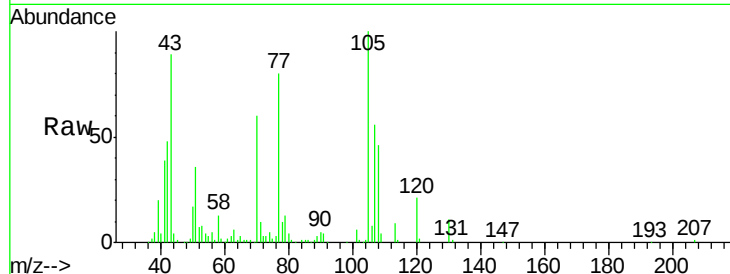
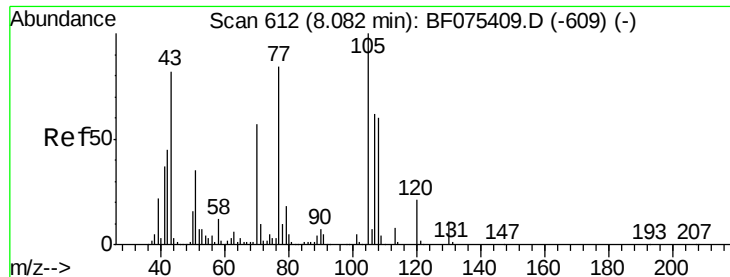
#18
Hexachloroethane
Concen: 40.72 ng
RT: 8.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion:	117	Resp:	37940
Ion Ratio	Lower	Upper	
117	100		
119	94.7	72.9	109.3
201	109.5	48.2	72.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

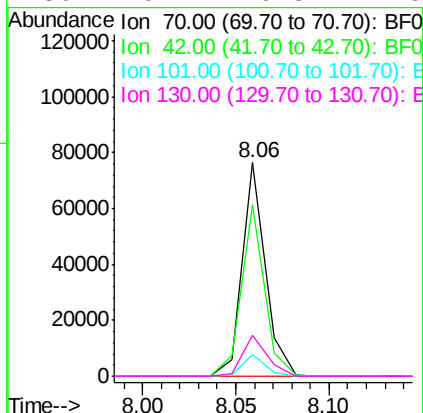




#19
n-Nitroso-di-n-propylamine
Concen: 38.10 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.3	63.0	94.6
101	10.1	7.5	11.3
130	19.1	16.3	24.5

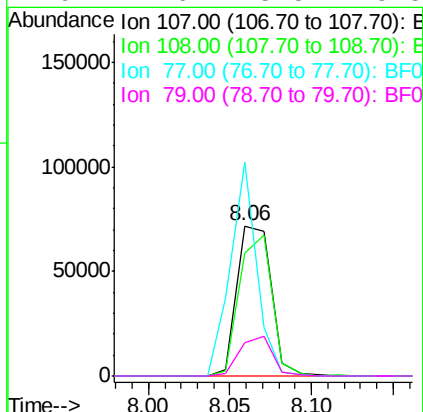


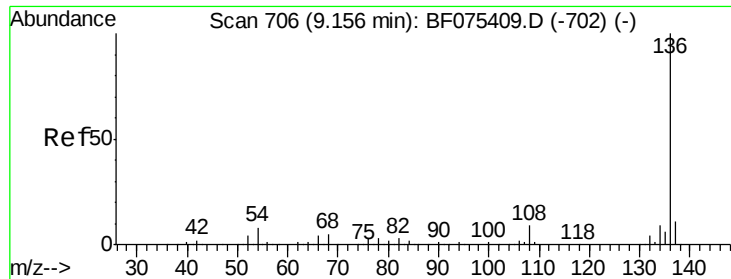
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#20
3+4-Methylphenols
Concen: 39.34 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.8	69.6	109.6
77	142.3	84.4	124.4#
79	22.6	5.5	45.5





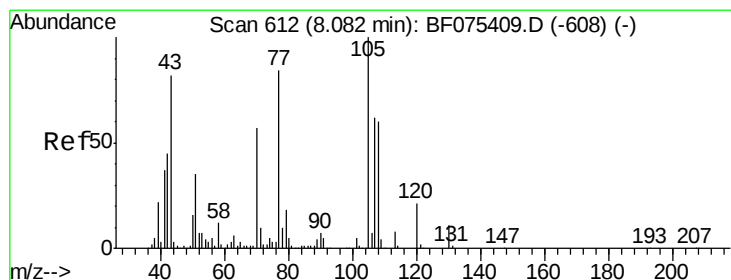
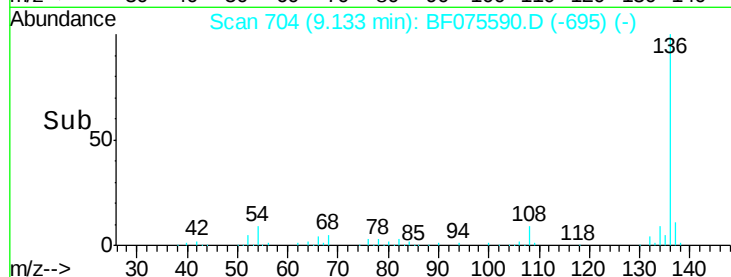
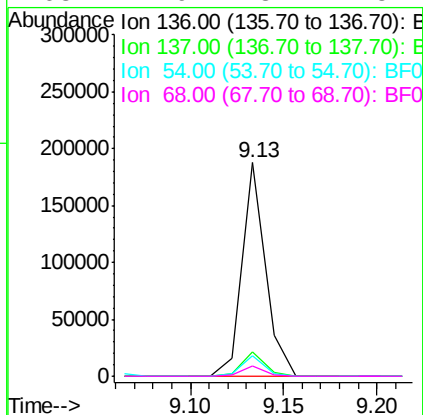
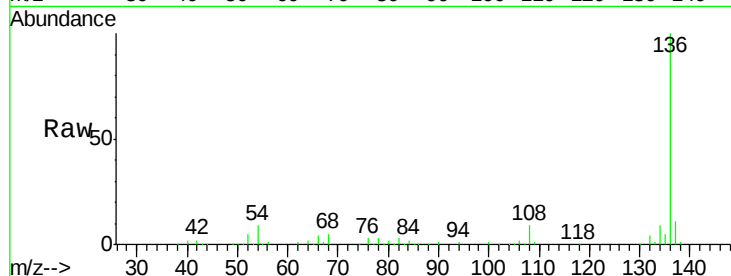
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	164351		
137	11.2	8.2	12.4	
54	9.4	6.2	9.4	
68	4.9	3.4	5.2	

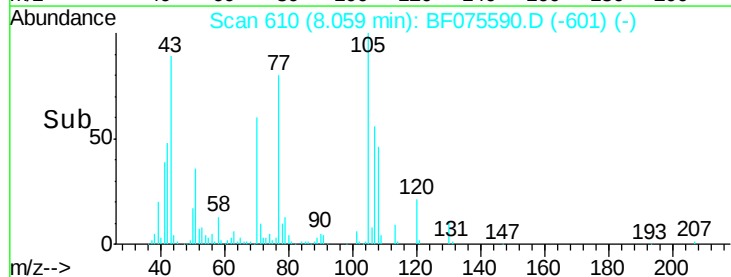
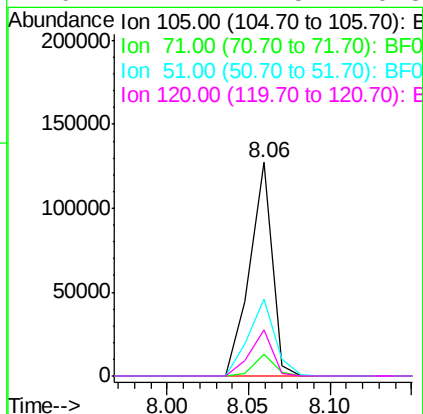
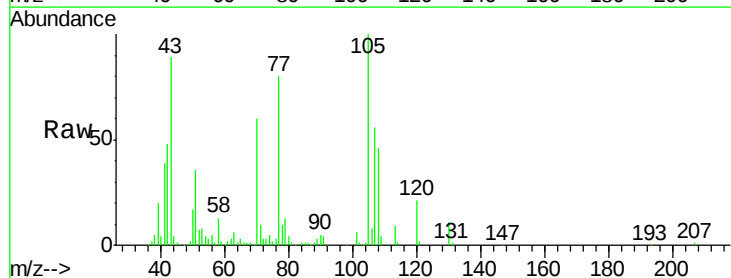
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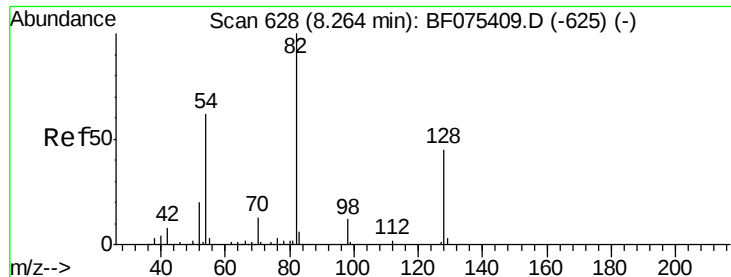
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#22
Acetophenone
Concen: 34.56 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122545		
71	10.1	10.5	15.7	
51	35.9	24.2	36.2	
120	21.4	17.5	26.3	





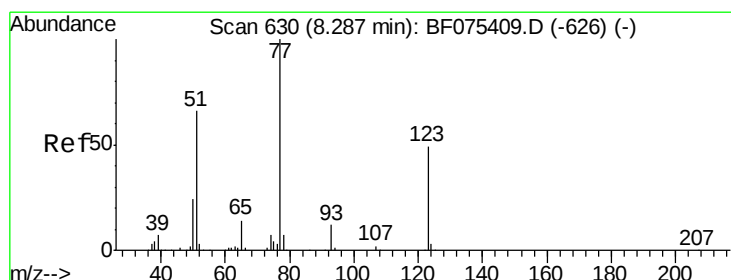
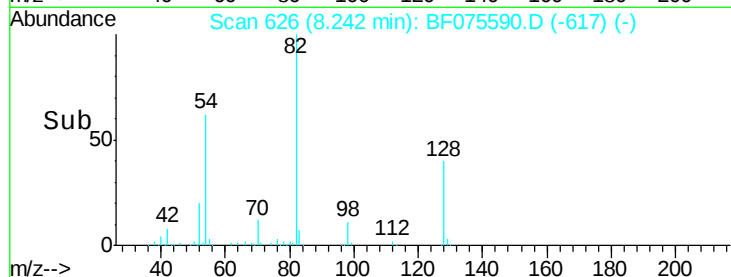
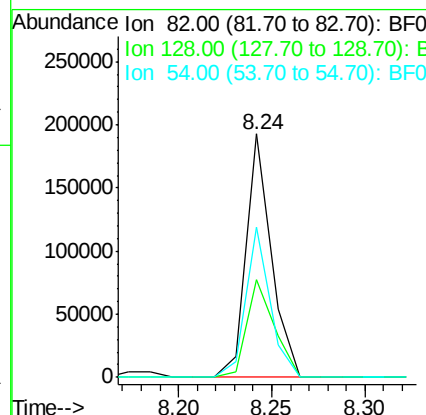
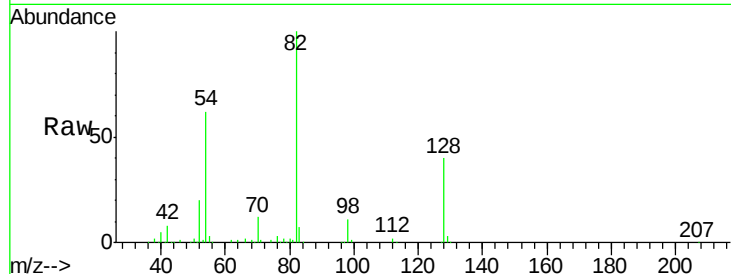
#23
Nitrobenzene-d5
Concen: 80.60 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	37.8	56.6
54	61.9	49.8	74.8

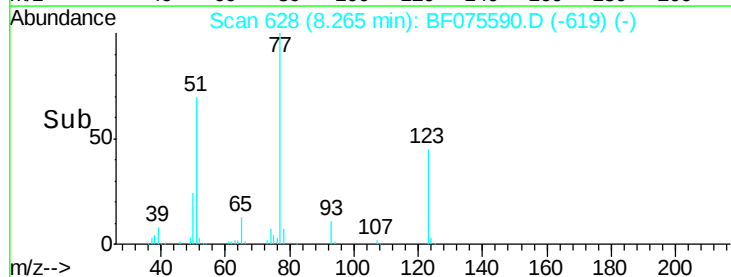
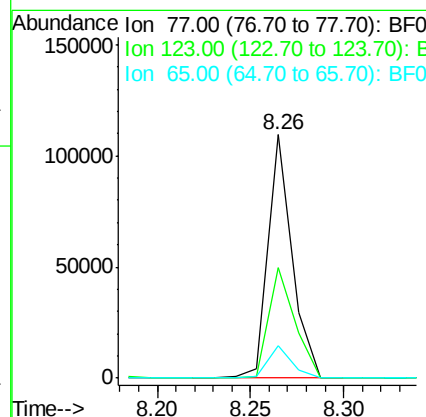
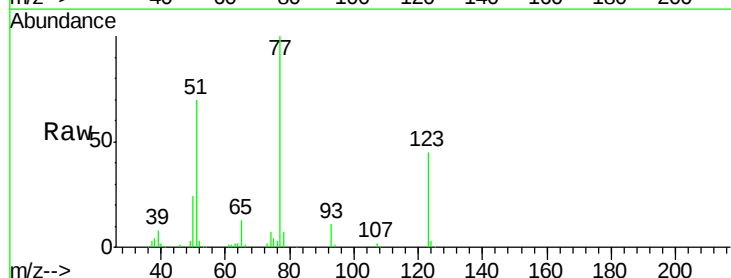
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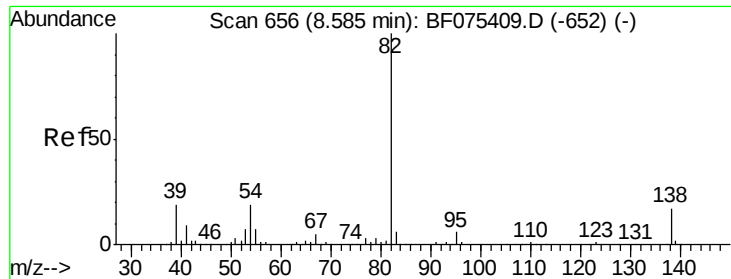
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#24
Nitrobenzene
Concen: 37.92 ng
RT: 8.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	39.0	58.4
65	13.3	10.6	15.8





#25

Isophorone

Concen: 36.87 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

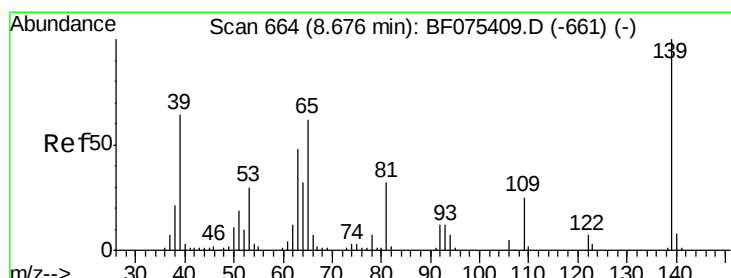
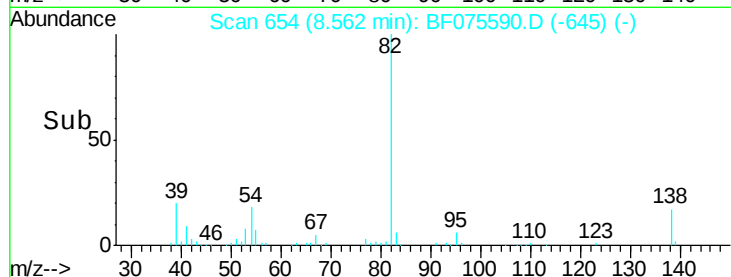
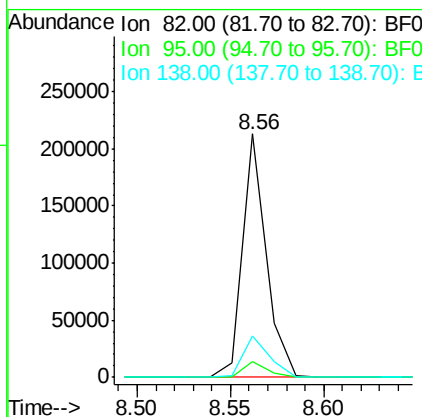
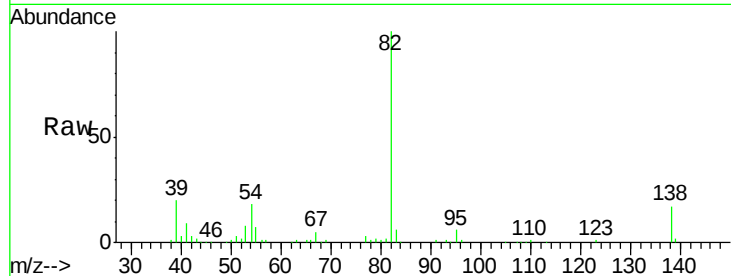
ClientSampleId :

PB80336BS

Tot Ion:	82	Resp:	188707
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	17.2	15.0	22.6

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#26

2-Nitrophenol

Concen: 43.23 ng

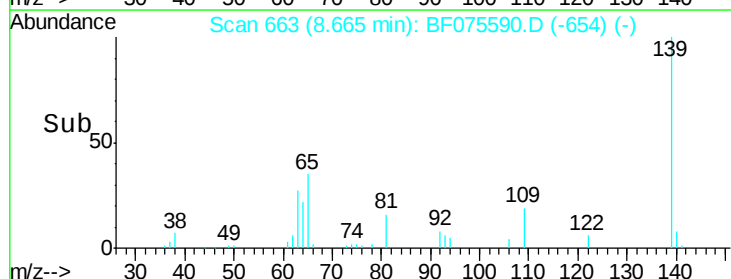
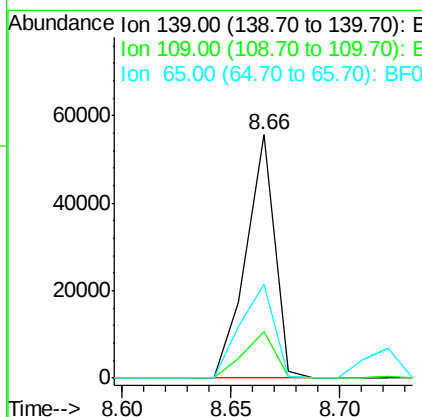
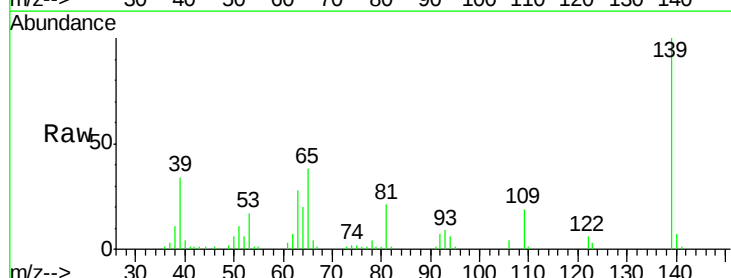
RT: 8.66 min Scan# 663

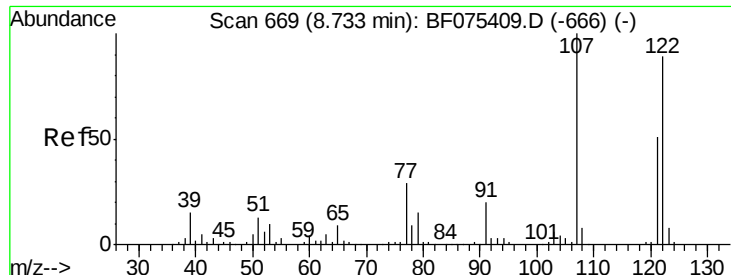
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	139	Resp:	51170
Ion Ratio	Lower	Upper	
139	100		
109	19.1	22.3	33.5#
65	38.4	49.1	73.7#





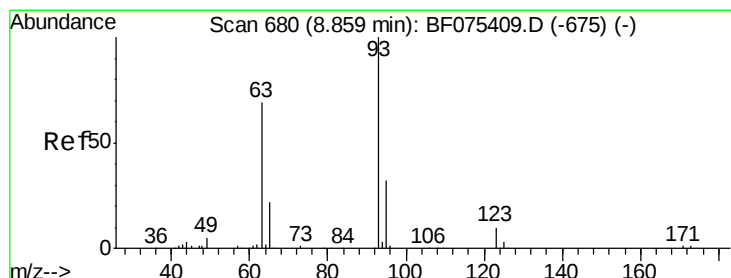
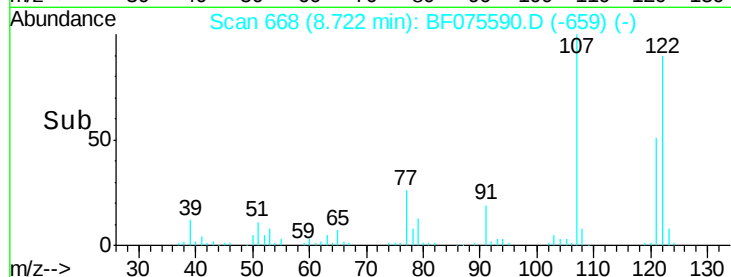
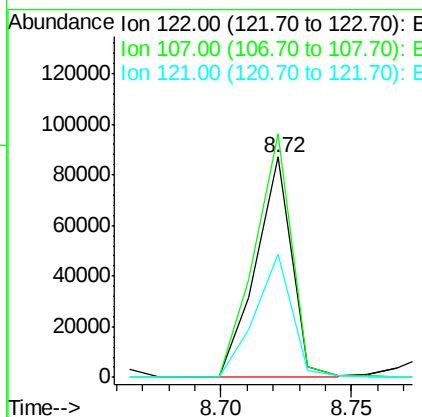
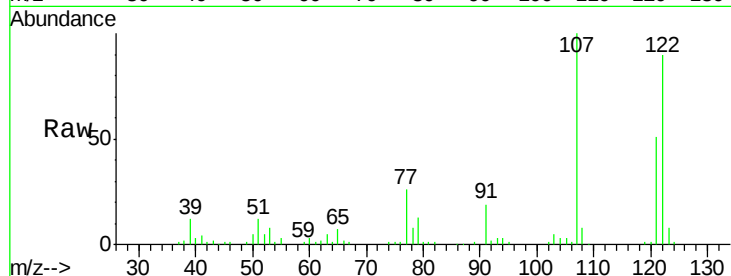
#27
2,4-Dimethylphenol
Concen: 36.97 ng
RT: 8.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	86.5	129.7
121	56.1	45.4	68.2

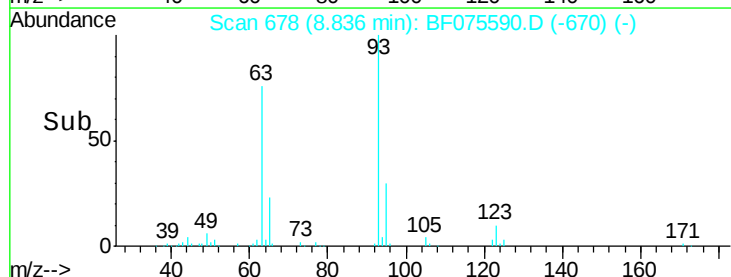
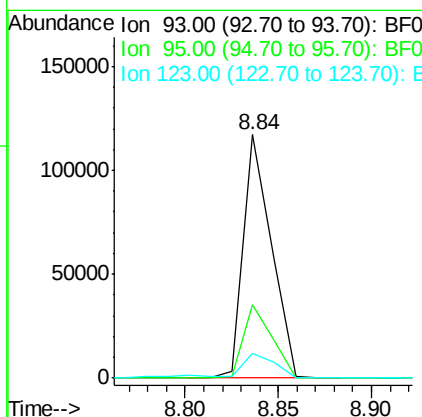
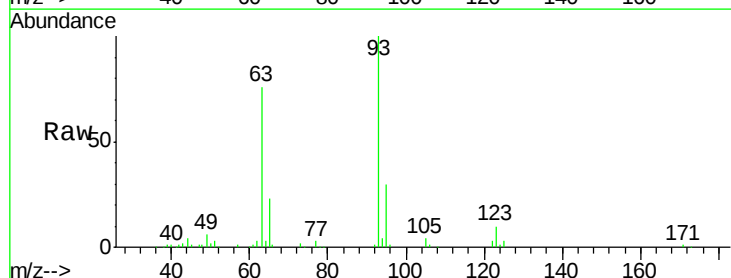
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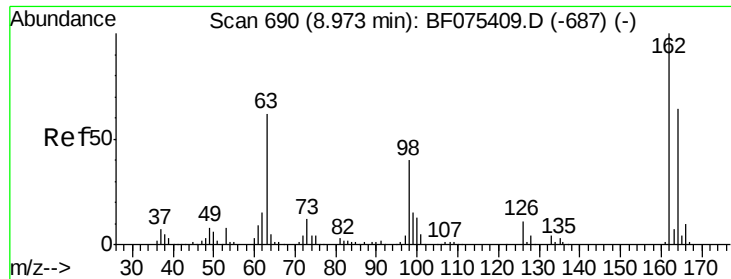
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.03 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.0	26.2	39.4
123	10.4	8.8	13.2





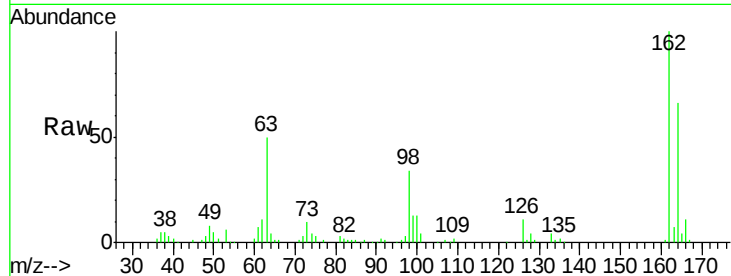
#29
2,4-Dichlorophenol
Concen: 40.73 ng
RT: 8.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

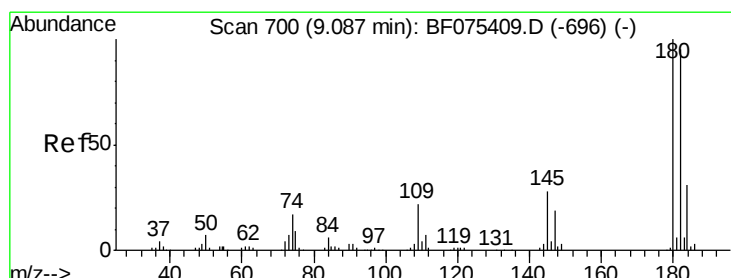
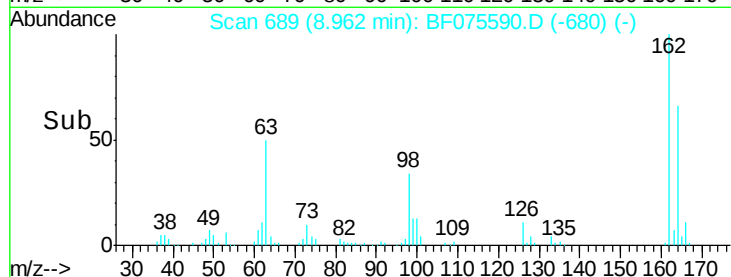
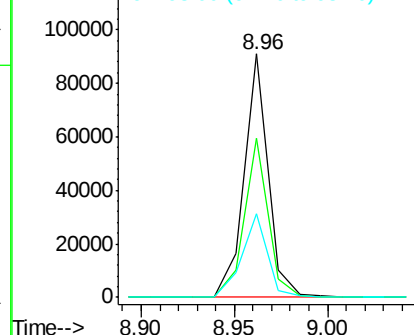
Tot Ion:	162	Resp:	81858
Ion Ratio	Lower	Upper	
162	100		
164	65.6	43.8	83.8
98	34.3	14.6	54.6

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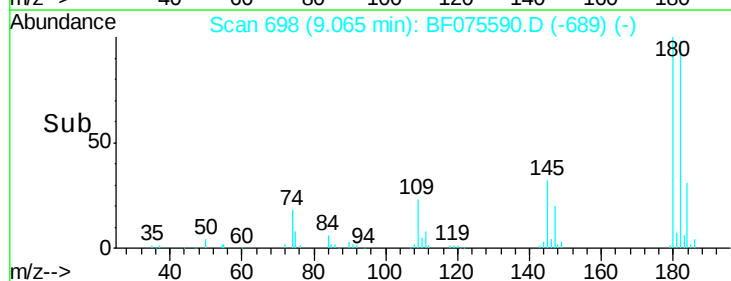
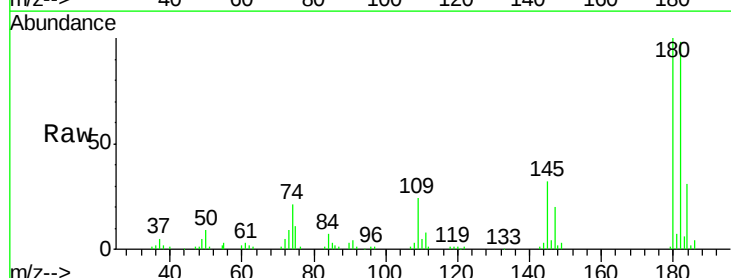
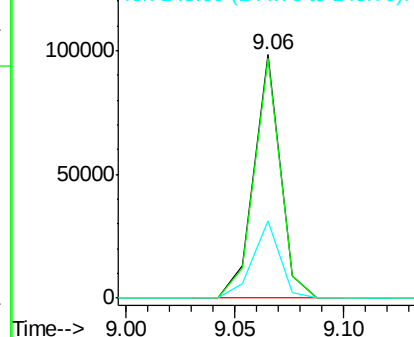
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

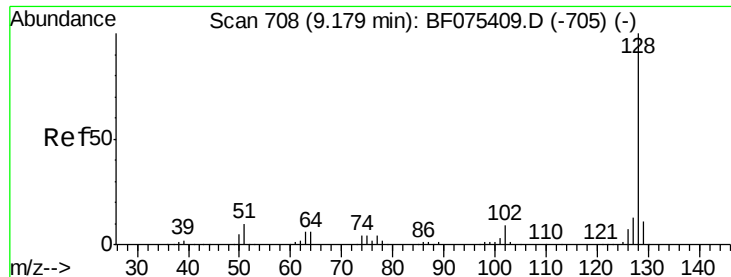


#30
1,2,4-Trichlorobenzene
Concen: 39.22 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion:	180	Resp:	82782
Ion Ratio	Lower	Upper	
180	100		
182	98.3	78.4	117.6
145	31.9	22.3	33.5

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





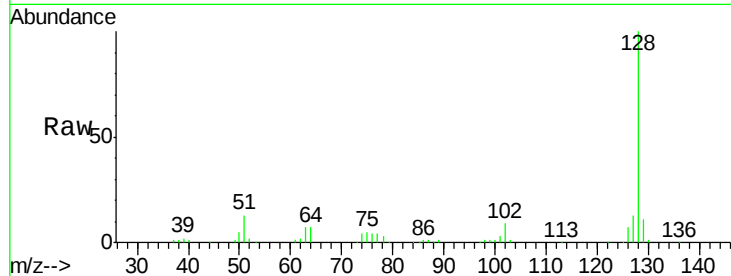
#31
Naphthalene
Concen: 39.65 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

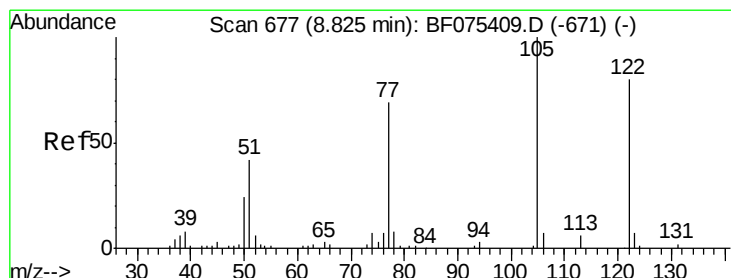
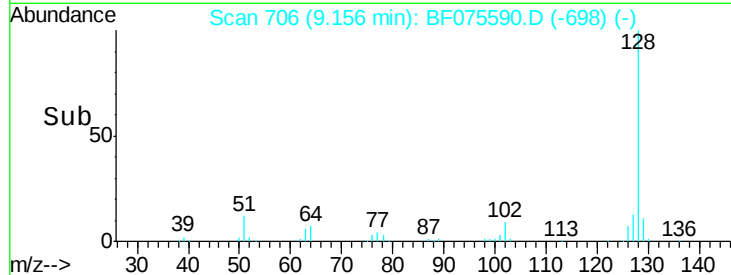
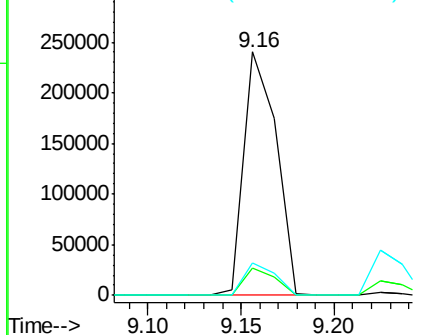
Tot Ion	Ratio	Resp	Lower	Upper
128	100	290519		
129	11.3		9.0	13.4
127	13.1		10.2	15.4

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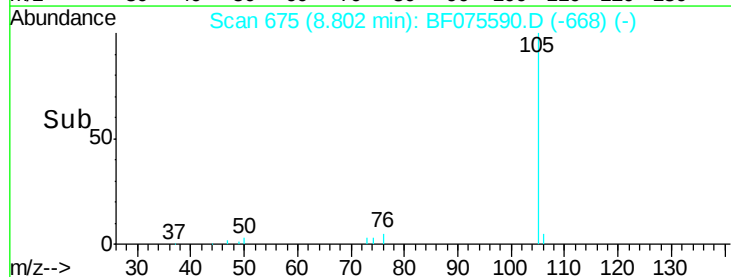
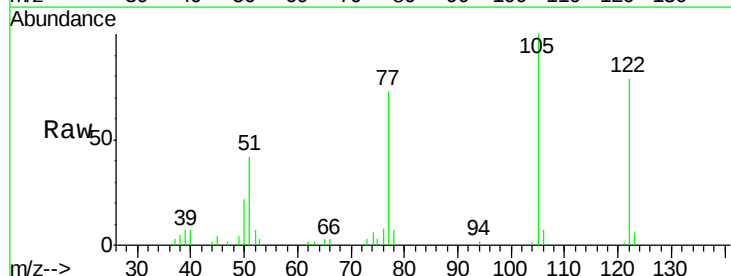
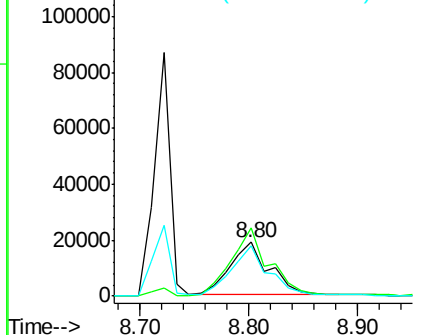
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

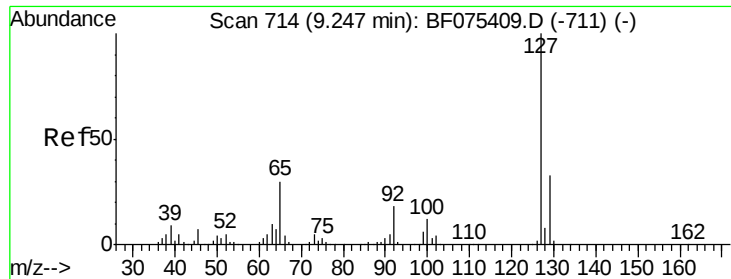


#32
Benzoic acid
Concen: 32.22 ng
RT: 8.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	44657		
105	126.5		95.1	135.1
77	92.5		62.6	102.6

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





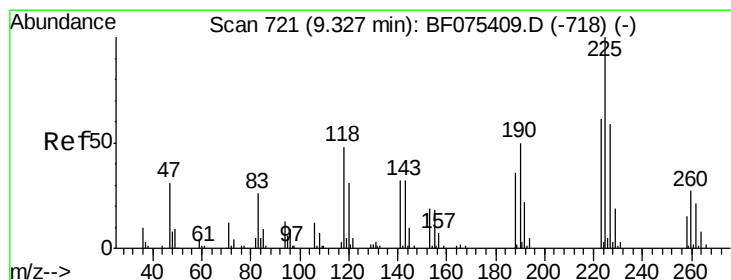
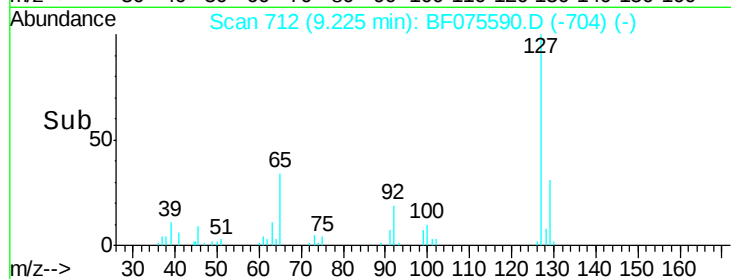
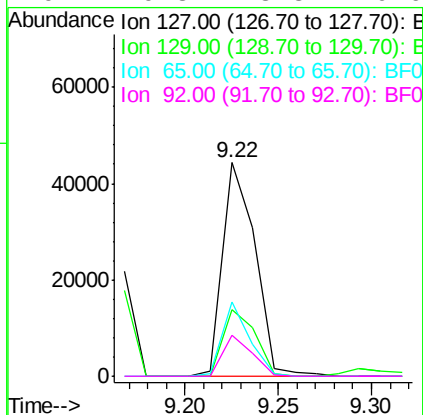
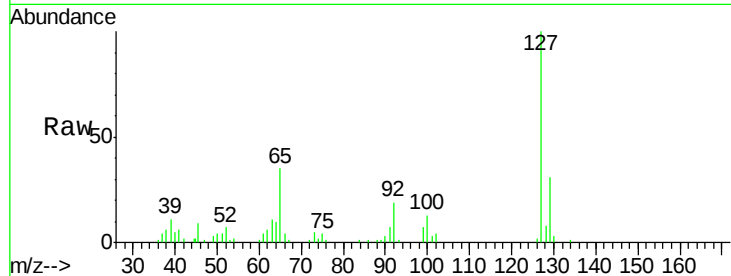
#33
4-Chloroaniline
Concen: 17.01 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.5	38.3		
65	35.0	22.8	34.2		
92	19.3	13.8	20.6		

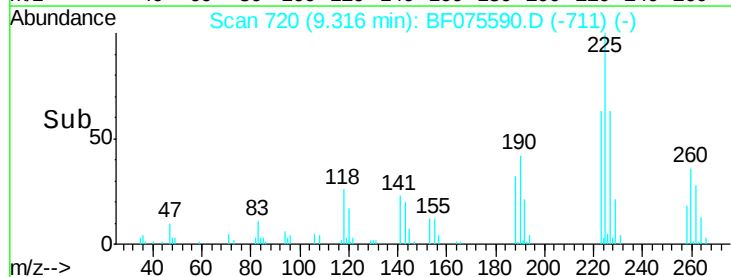
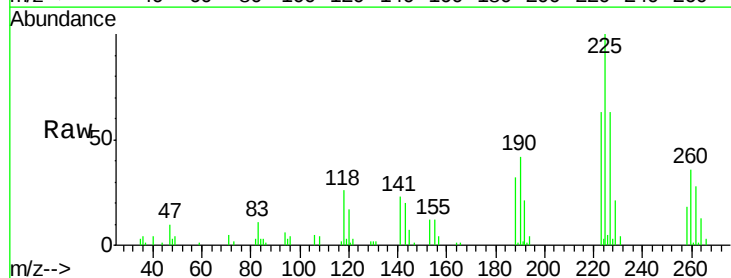
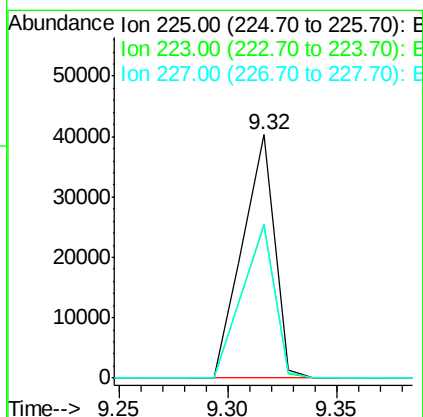
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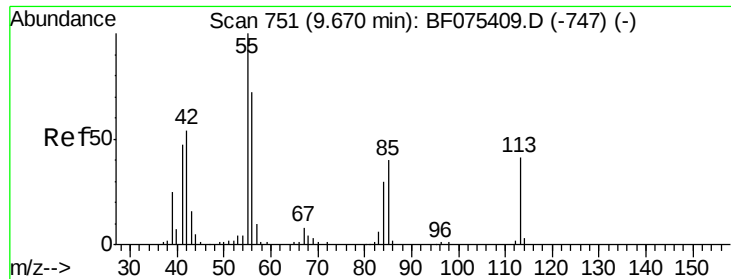
mohammad
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#34
Hexachlorobutadiene
Concen: 36.39 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.0	76.6		
227	63.5	48.6	73.0		





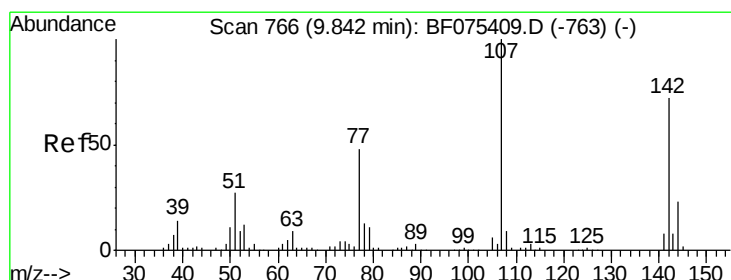
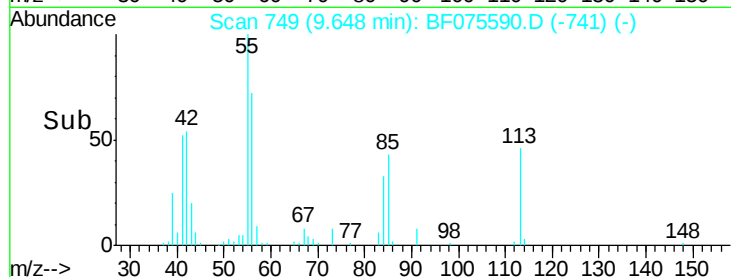
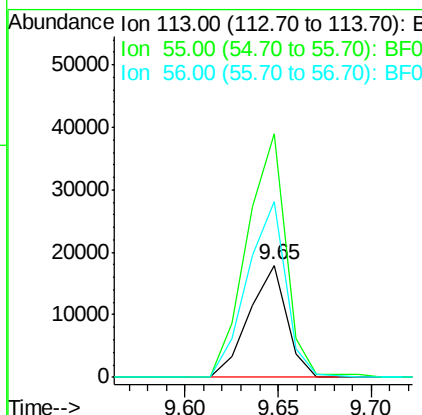
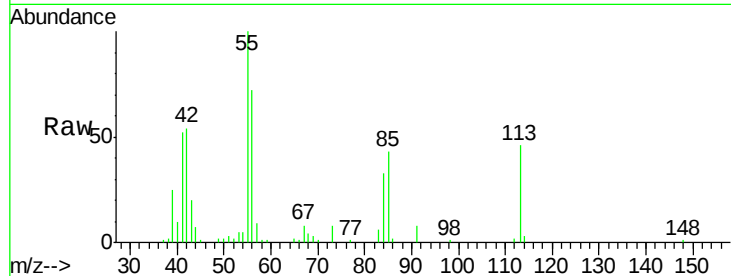
#35
 Caprolactam
 Concen: 37.69 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	217.0	226.9	266.9#
56	156.3	148.4	188.4

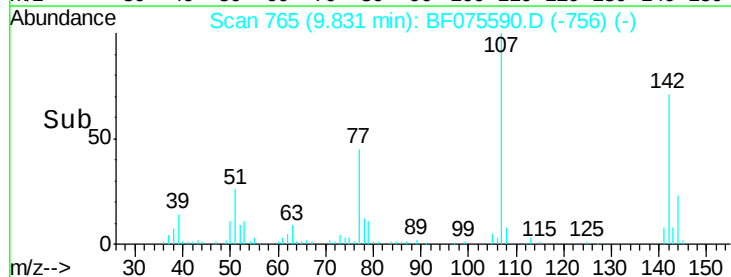
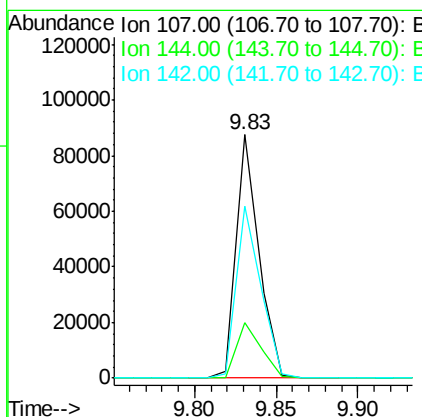
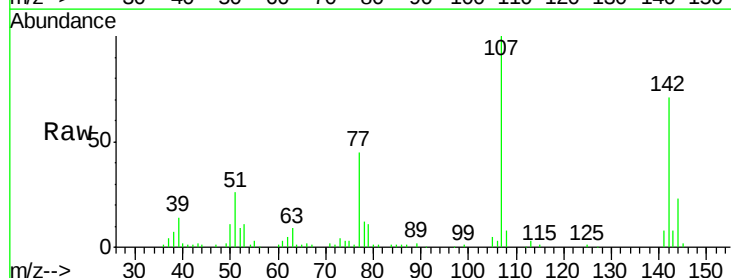
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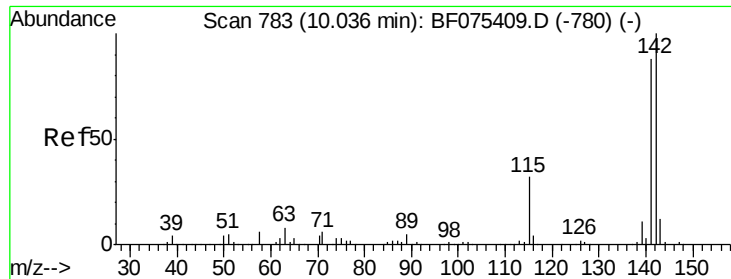
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#36
 4-Chloro-3-methylphenol
 Concen: 38.04 ng
 RT: 9.83 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.1	28.7
142	70.6	62.9	94.3





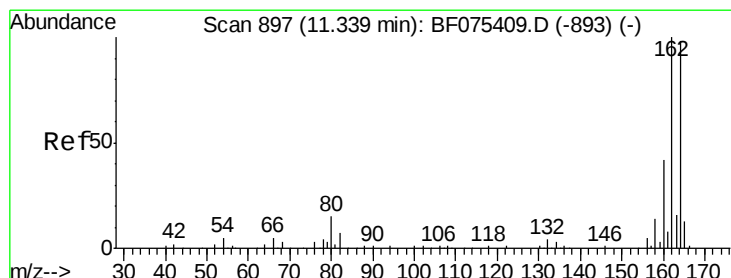
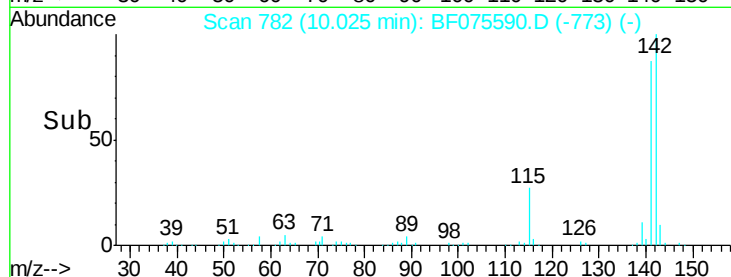
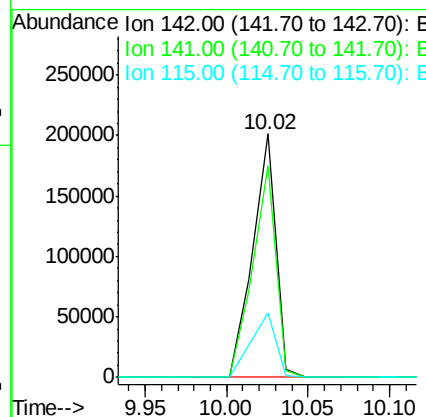
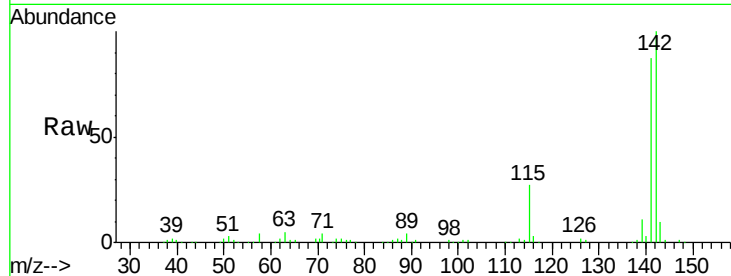
#37
2-Methylnaphthalene
Concen: 39.71 ng
RT: 10.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.9	104.9
115	26.5	27.6	41.4#

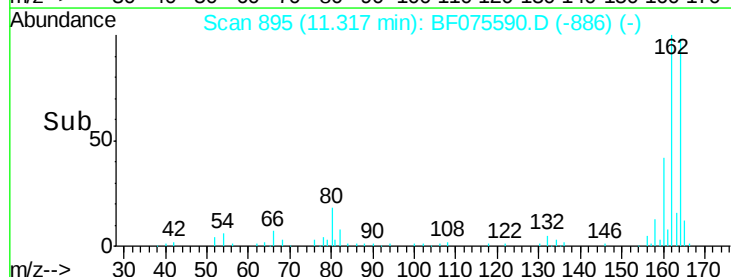
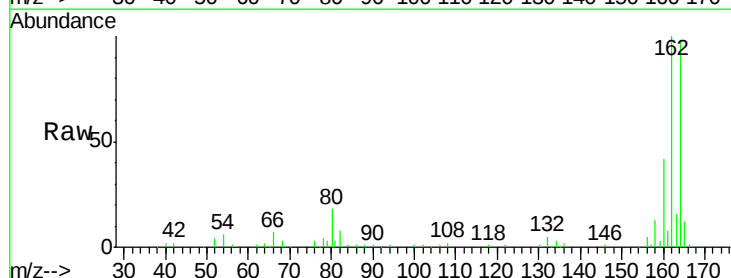
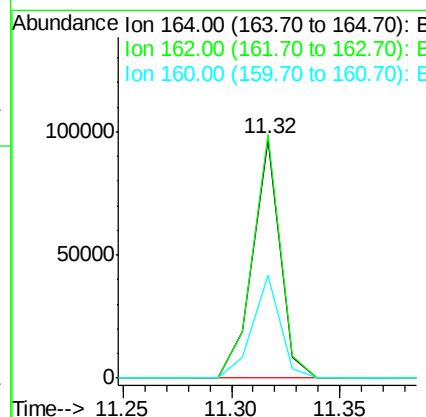
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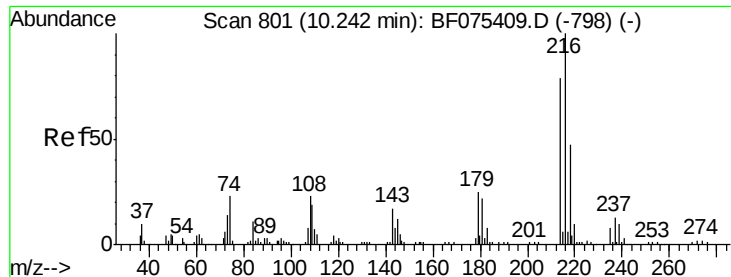
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.1	118.7
160	42.9	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.23 ng

RT: 10.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

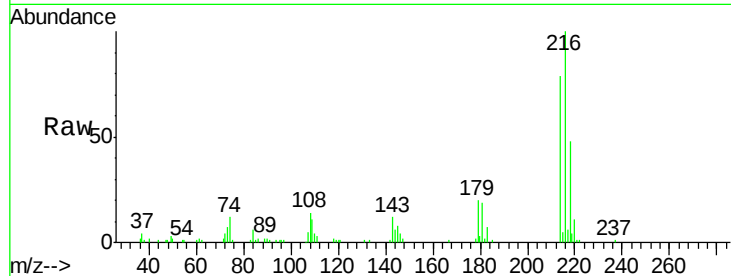
ClientSampleId :

PB80336BS

Tot Ion:	216	Resp:	63334
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.8	94.2
179	22.2	18.7	28.1
108	22.3	18.1	27.1

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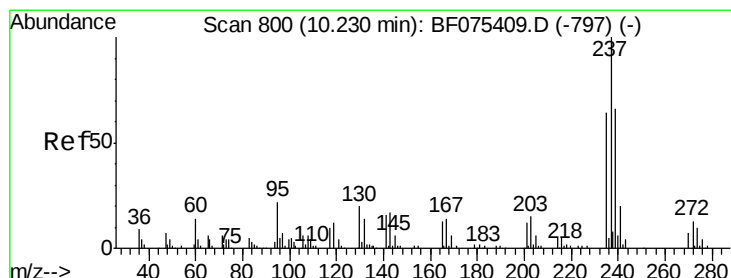
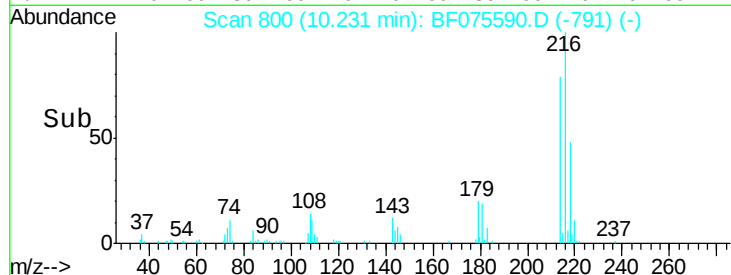
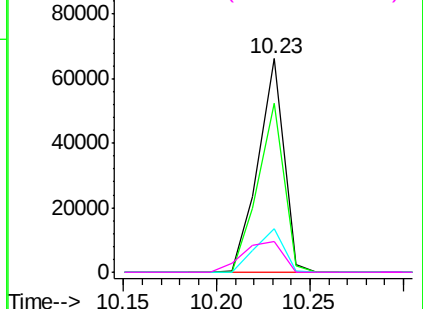


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.50 ng

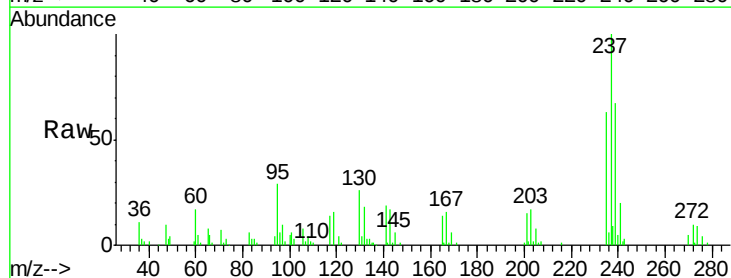
RT: 10.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

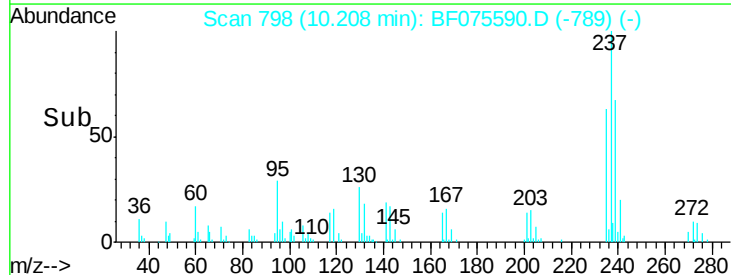
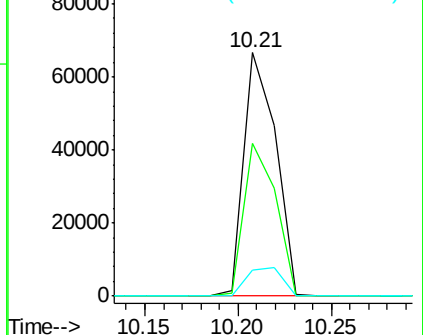
Tgt Ion:	237	Resp:	79119
Ion Ratio	Lower	Upper	
237	100		
235	62.6	45.7	85.7
272	10.5	0.0	32.6

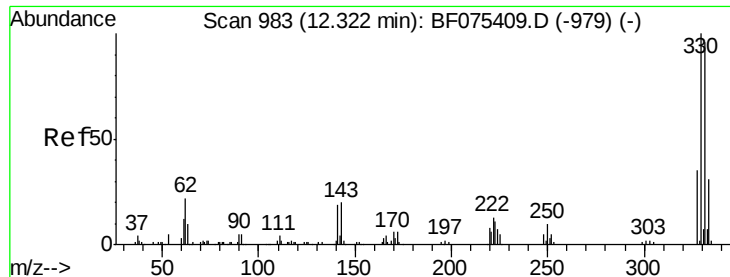


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





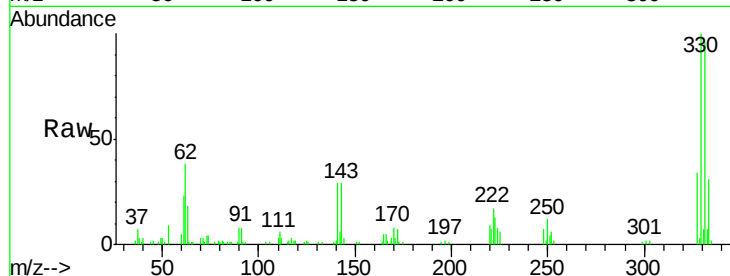
#41
 2,4,6-Tribromophenol
 Concen: 71.61 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

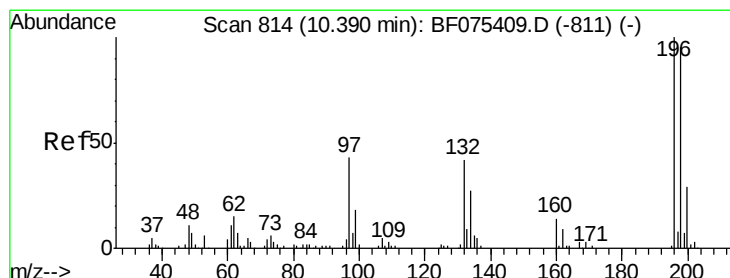
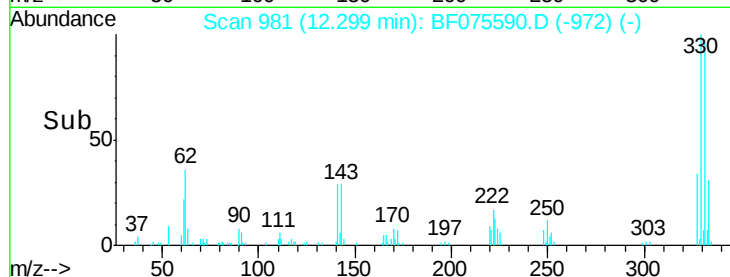
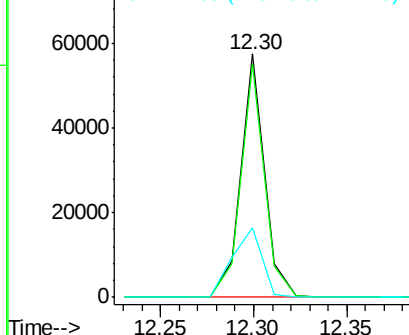
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	74.5	111.7
141	36.1	30.7	46.1

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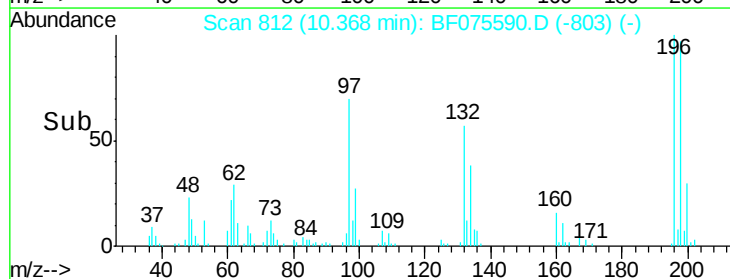
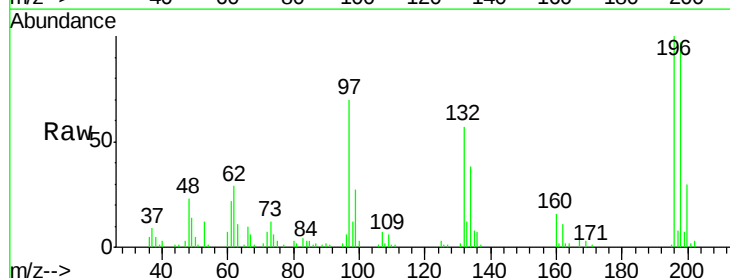
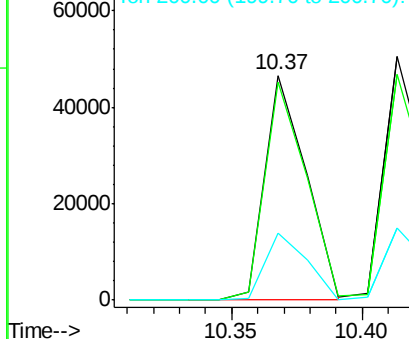
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

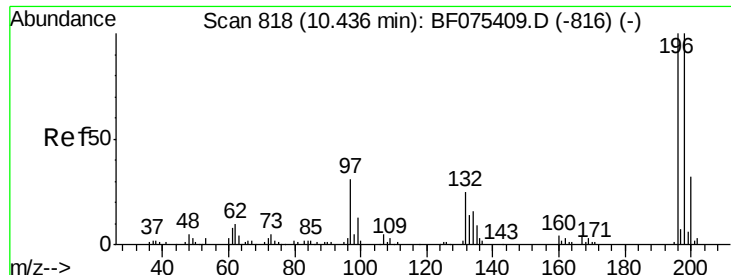


#42
 2,4,6-Trichlorophenol
 Concen: 36.74 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
200	29.6	23.4	35.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





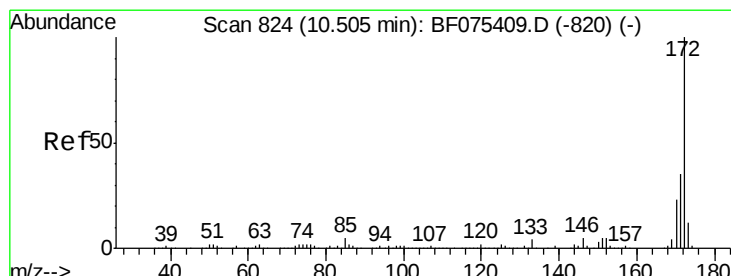
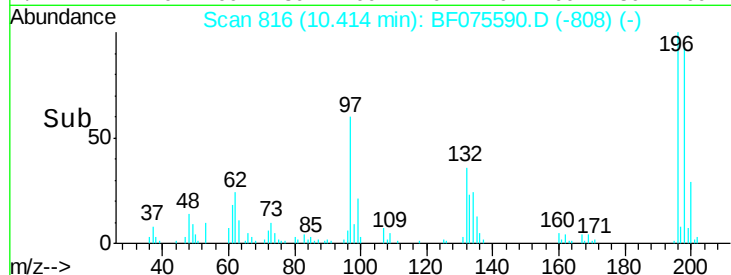
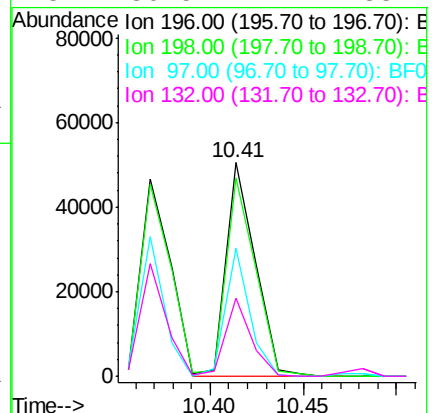
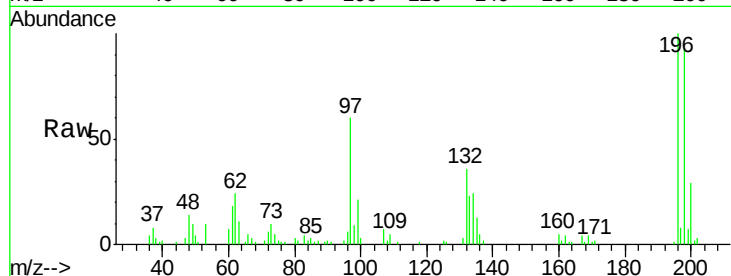
#43
2,4,5-Trichlorophenol
Concen: 37.91 ng
RT: 10.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleID :
PB80336BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	54886		
198	92.9	78.2	117.4	
97	60.1	29.9	44.9	
132	36.5	22.2	33.2	

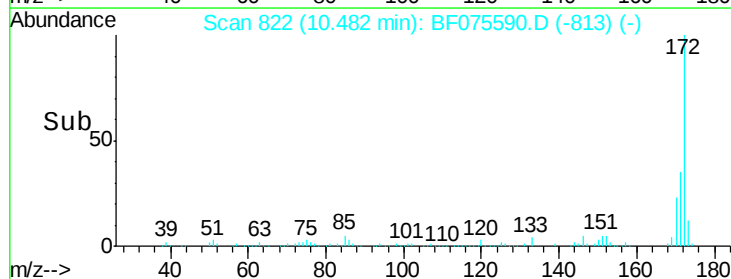
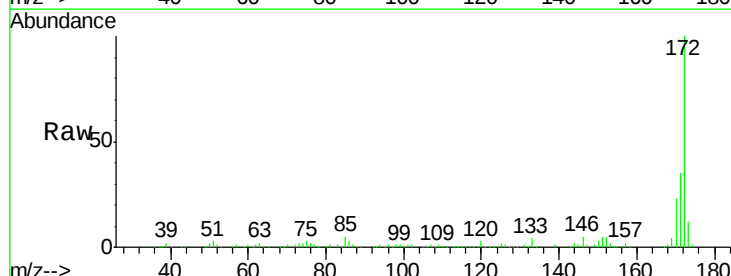
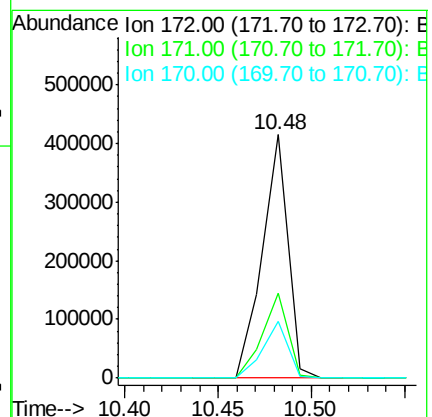
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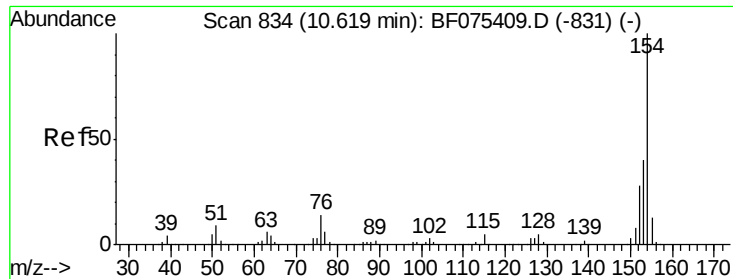
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#44
2-Fluorobiphenyl
Concen: 83.62 ng
RT: 10.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	393531		
171	34.6	27.3	40.9	
170	23.2	18.4	27.6	





#45

1,1'-Biphenyl

Concen: 34.48 ng

RT: 10.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

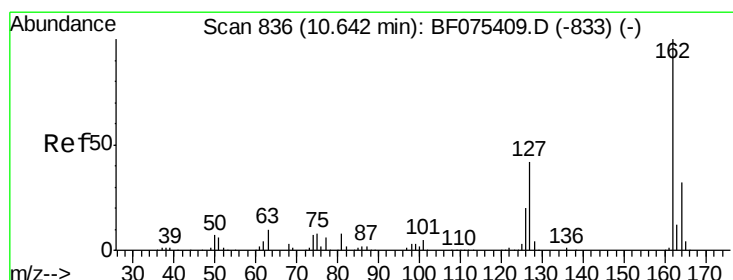
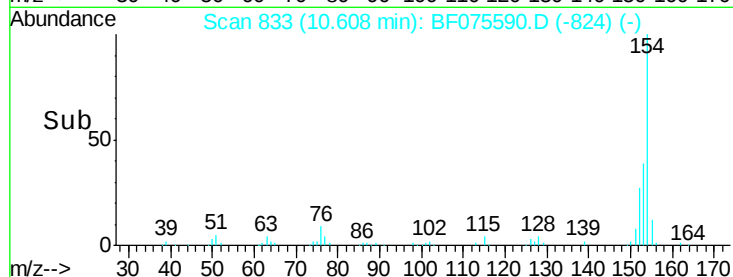
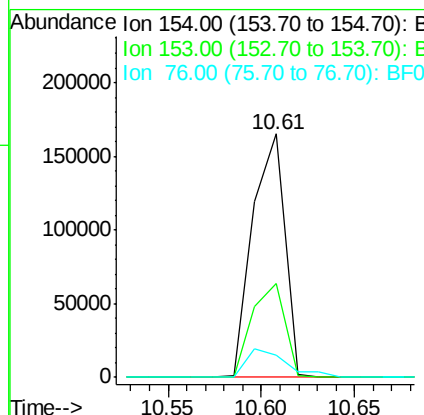
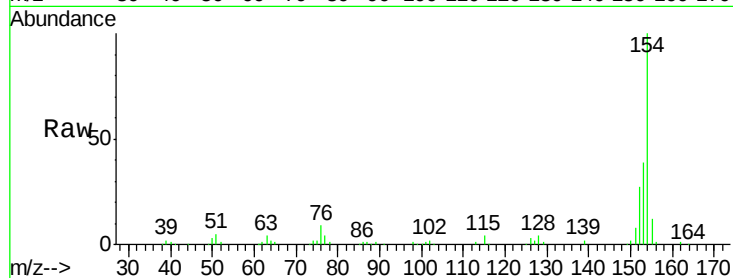
ClientSampleId :

PB80336BS

Tot Ion:	154	Resp:	197812
Ion Ratio	Lower	Upper	
154	100		
153	38.5	19.3	59.3
76	9.0	0.0	35.0

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#46

2-Chloronaphthalene

Concen: 42.57 ng

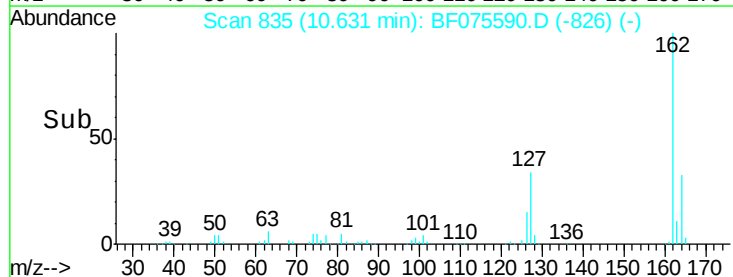
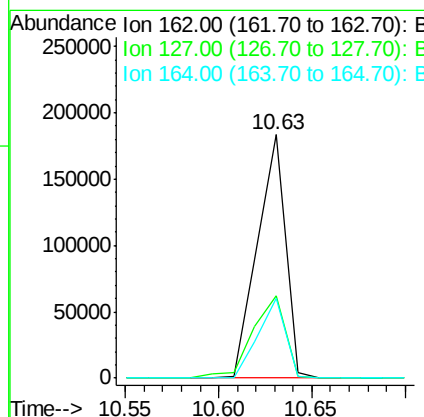
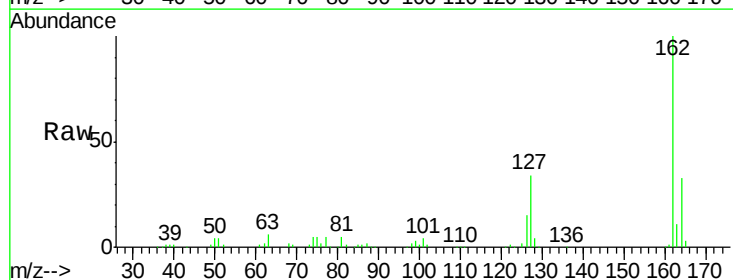
RT: 10.63 min Scan# 835

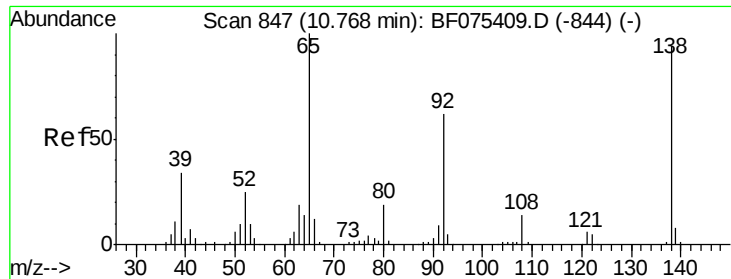
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	162	Resp:	190957
Ion Ratio	Lower	Upper	
162	100		
127	34.0	34.6	51.8#
164	32.8	25.1	37.7





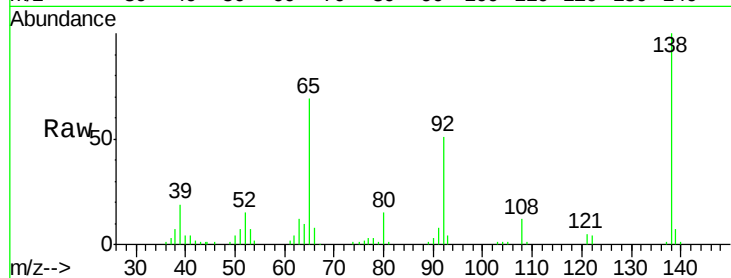
#47
2-Nitroaniline
Concen: 42.54 ng
RT: 10.76 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

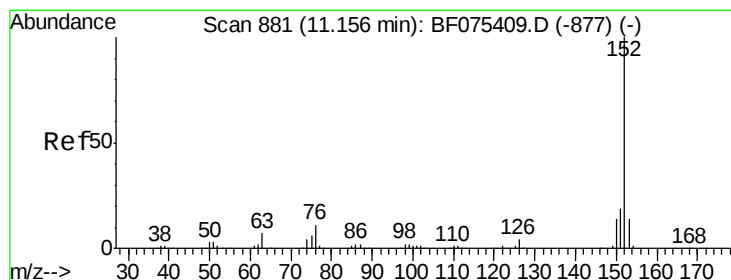
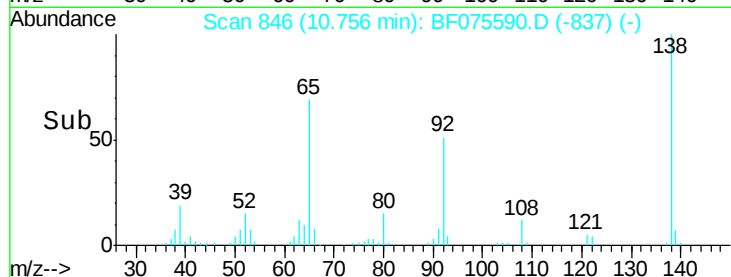
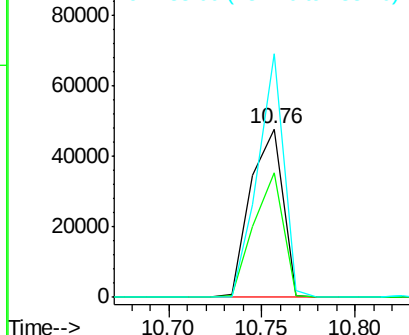
Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	46.7	70.1#
138	144.8	62.8	94.2#

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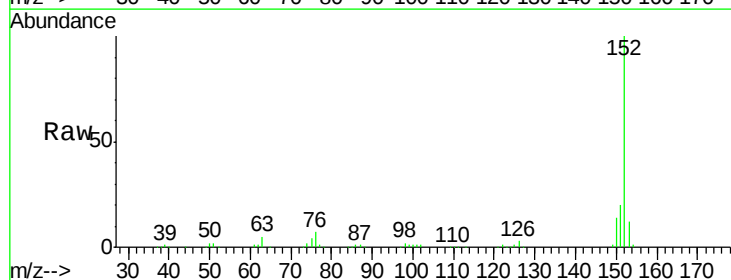


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

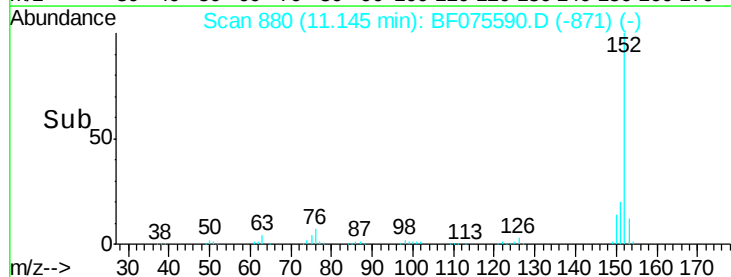
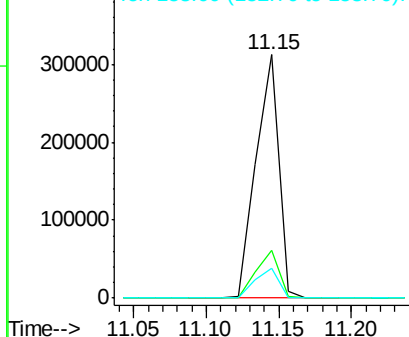


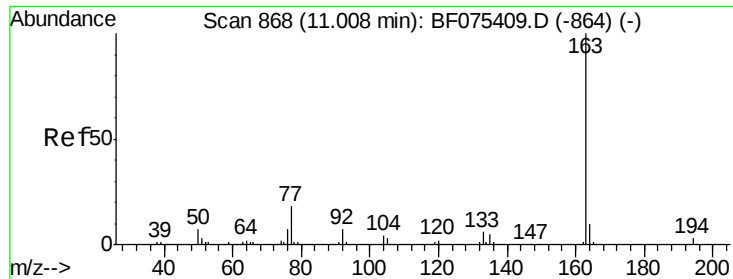
#48
Acenaphthylene
Concen: 46.00 ng
RT: 11.15 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	12.4	10.0	15.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





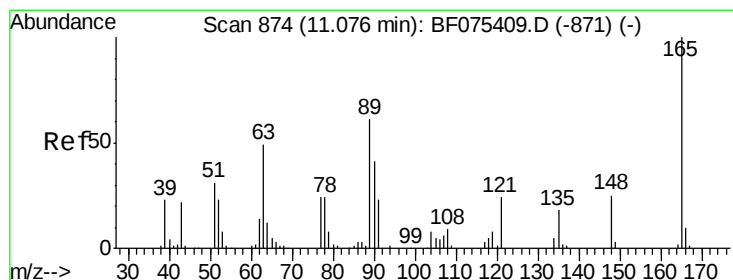
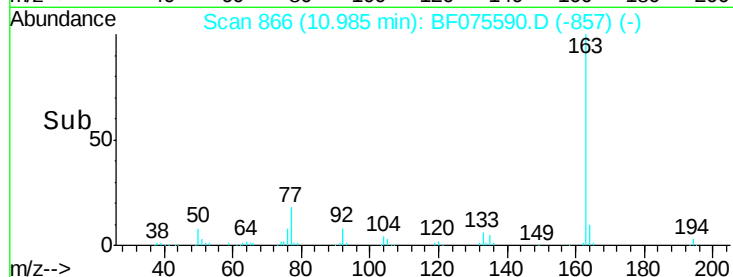
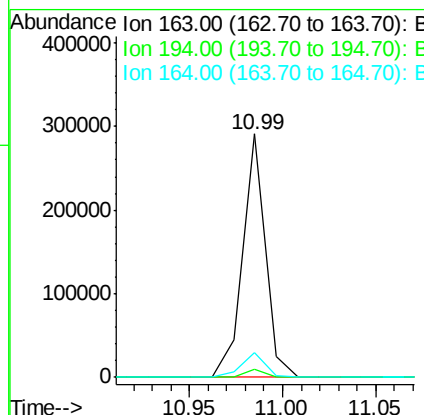
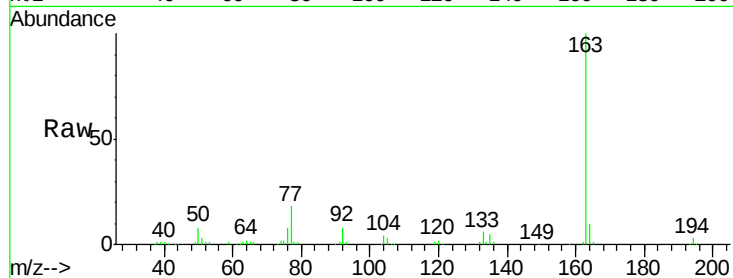
#49
Dimethylphthalate
Concen: 42.63 ng
RT: 10.99 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	247818		
194	3.3	2.7	4.1	
164	10.1	8.0	12.0	

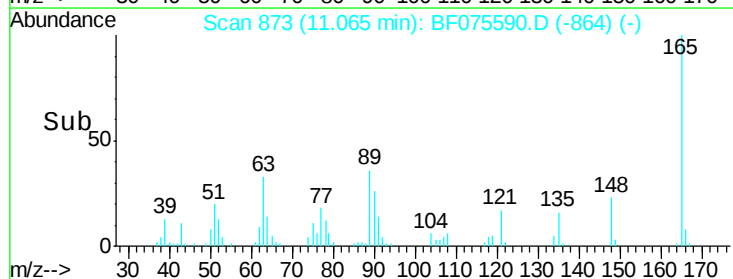
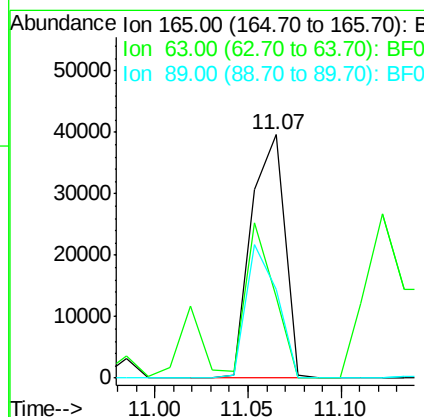
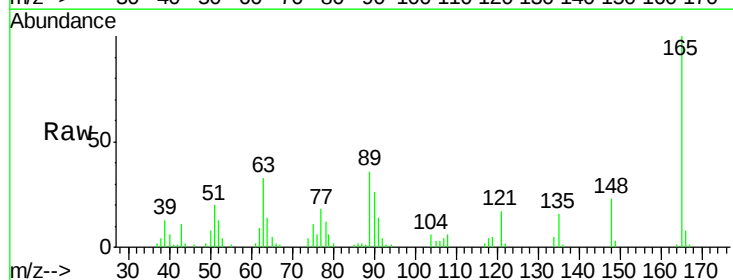
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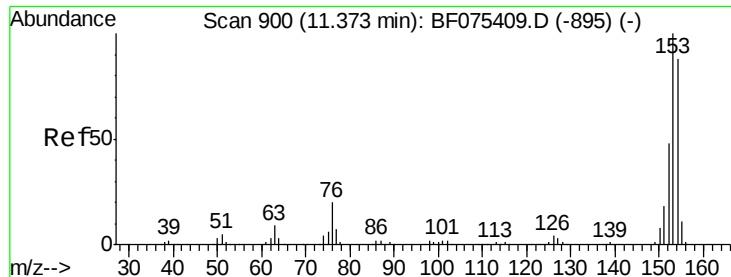
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#50
2,6-Dinitrotoluene
Concen: 42.74 ng
RT: 11.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	48947		
63	33.2	61.2	91.8#	
89	36.5	52.5	78.7#	





#51

Acenaphthene

Concen: 42.66 ng

RT: 11.36 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

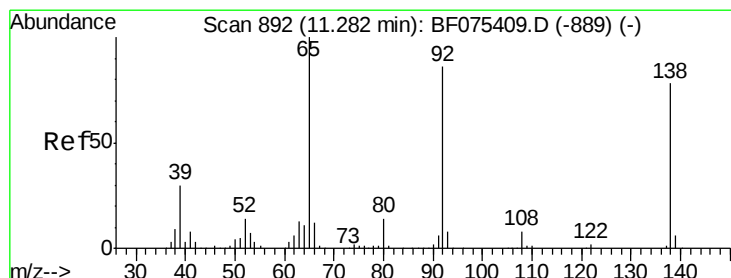
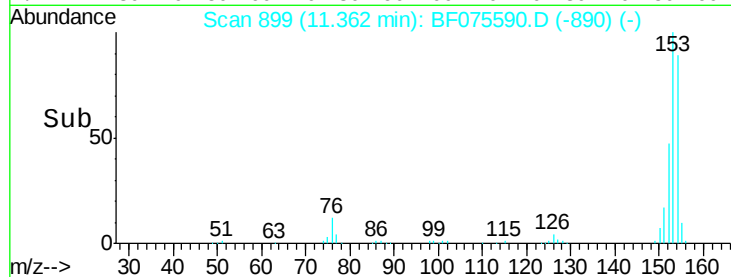
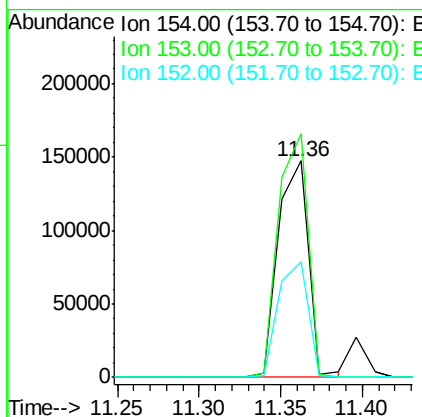
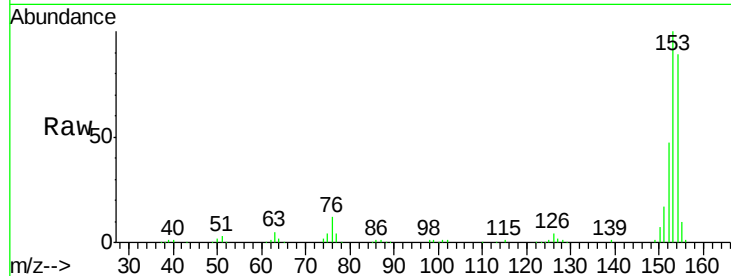
ClientSampleId :

PB80336BS

Tot Ion:	154	Resp:	190451
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	53.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 27.37 ng

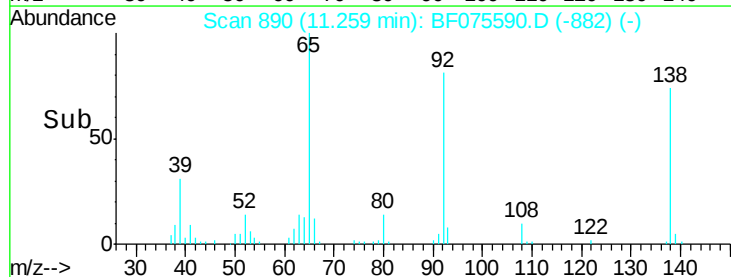
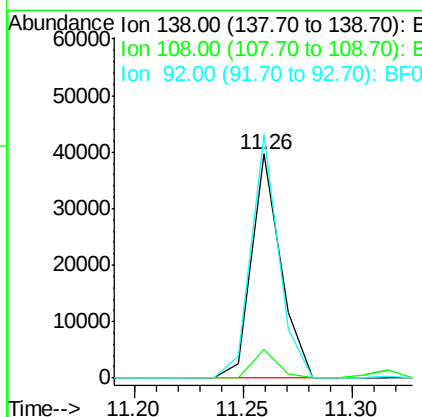
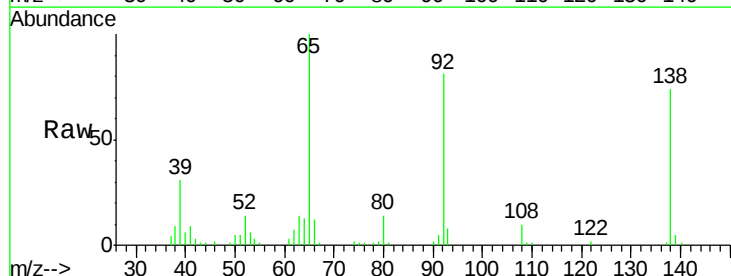
RT: 11.26 min Scan# 890

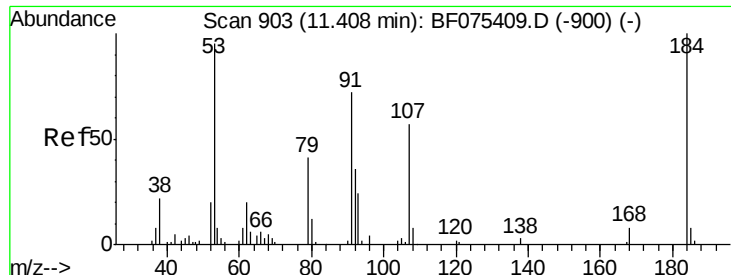
Delta R.T. -0.01 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	138	Resp:	36953
Ion Ratio	Lower	Upper	
138	100		
108	12.8	10.2	15.2
92	108.7	91.0	136.6





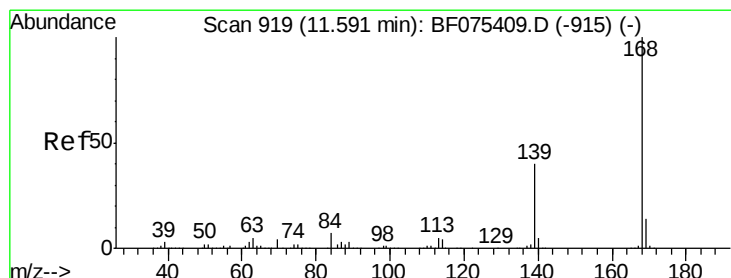
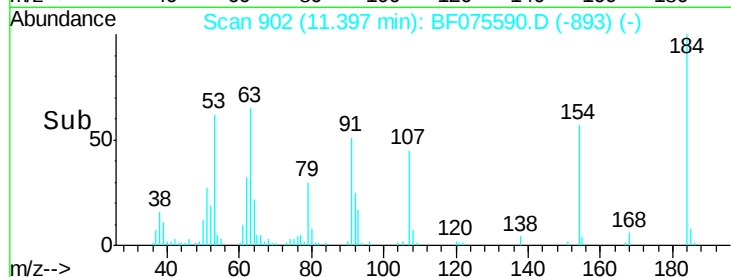
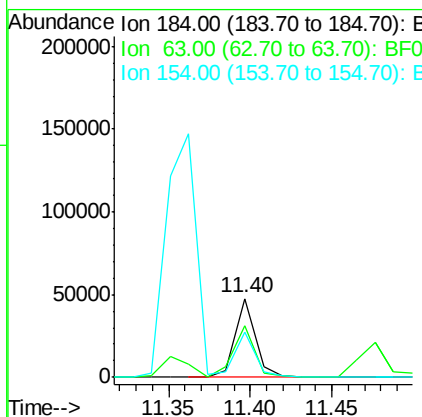
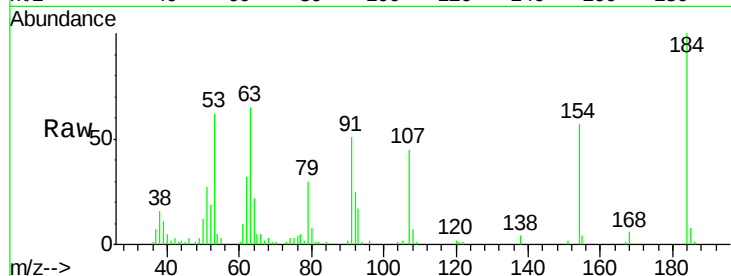
#53
2,4-Dinitrophenol
Concen: 69.12 ng
RT: 11.40 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.3	96.3	144.5#
154	56.9	56.2	84.4

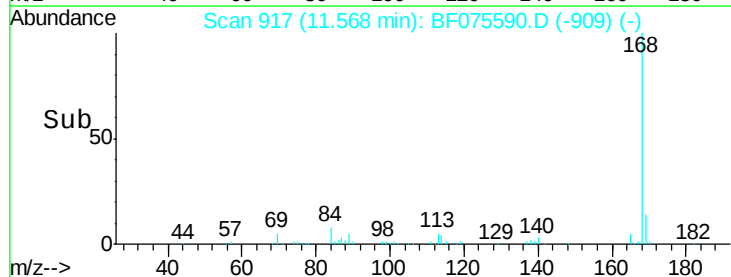
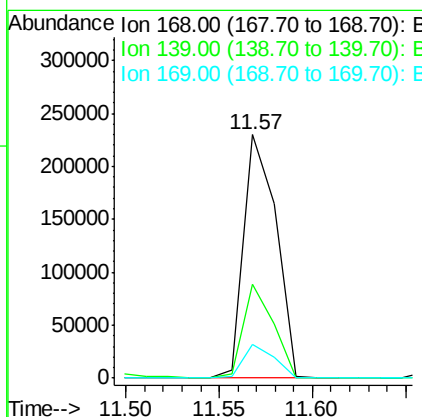
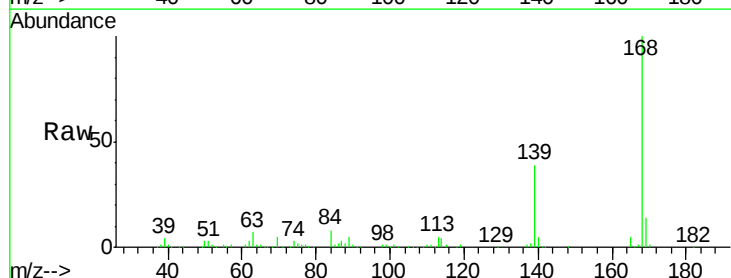
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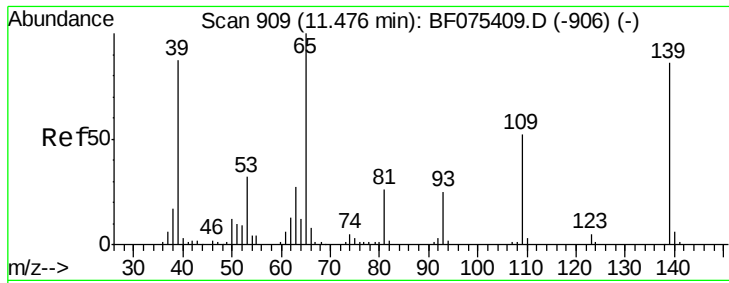
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#54
Dibenzofuran
Concen: 43.43 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	33.0	49.4
169	13.8	10.8	16.2





#55

4-Nitrophenol

Concen: 86.84 ng

RT: 11.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

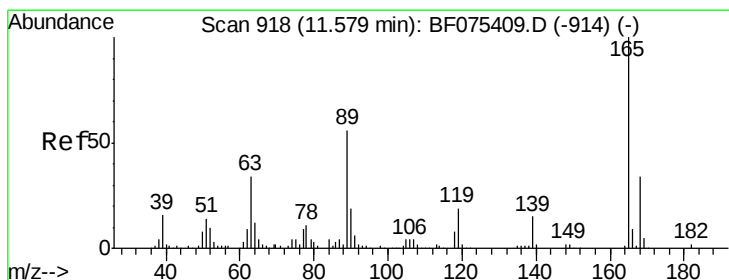
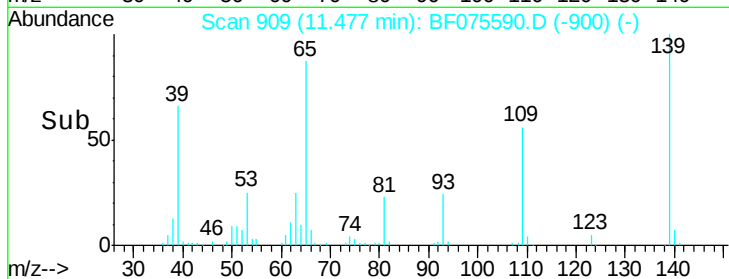
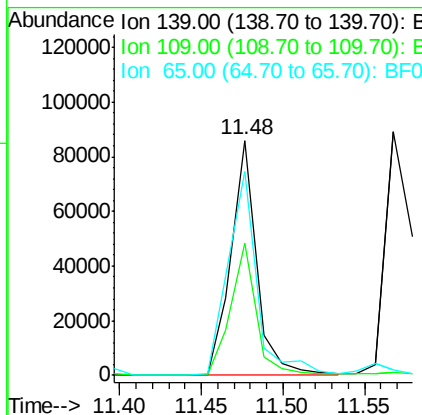
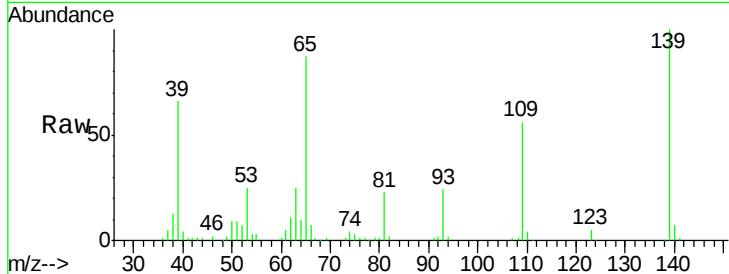
ClientSampleId :

PB80336BS

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Tot Ion	Ratio	Lower	Upper
139	100		
109	56.4	45.8	85.8
65	86.9	94.8	134.8#



#56

2,4-Dinitrotoluene

Concen: 46.59 ng

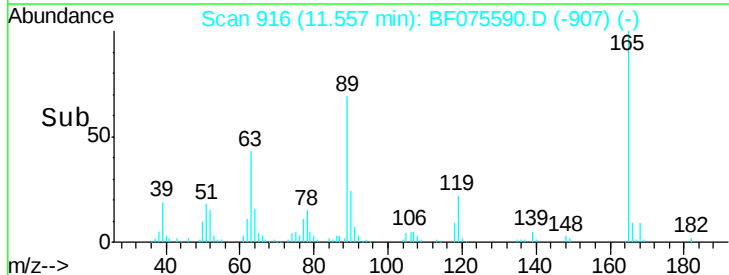
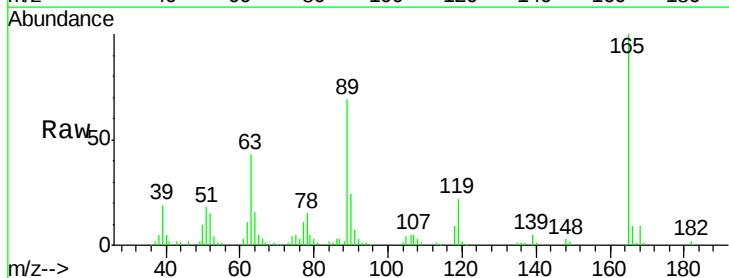
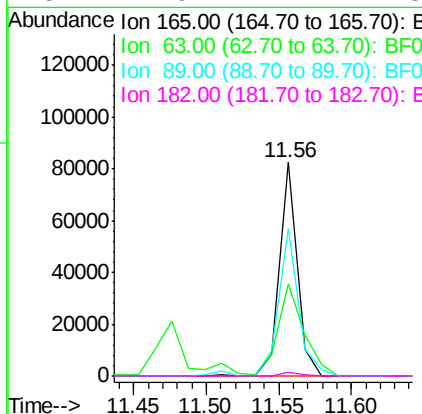
RT: 11.56 min Scan# 916

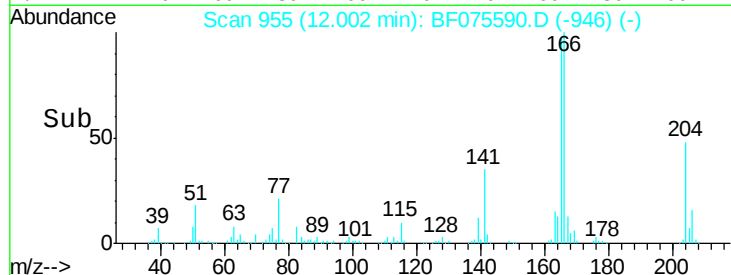
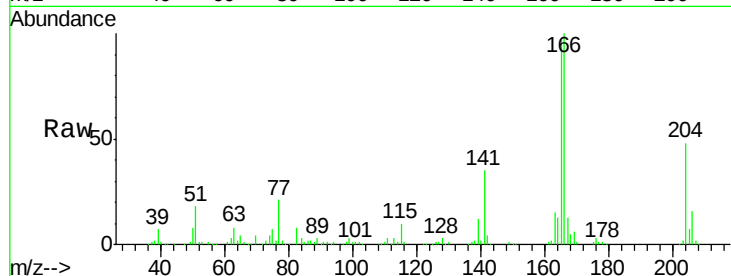
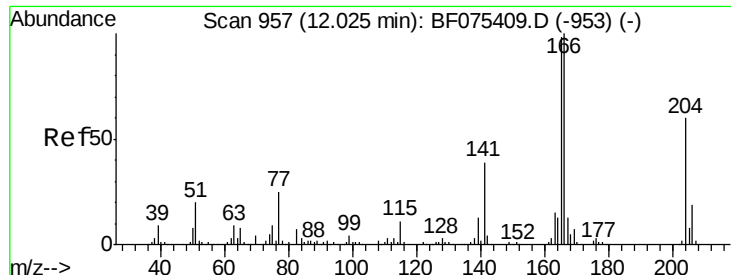
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.3	27.0	40.6#
89	68.9	47.8	71.6
182	1.9	1.7	2.5





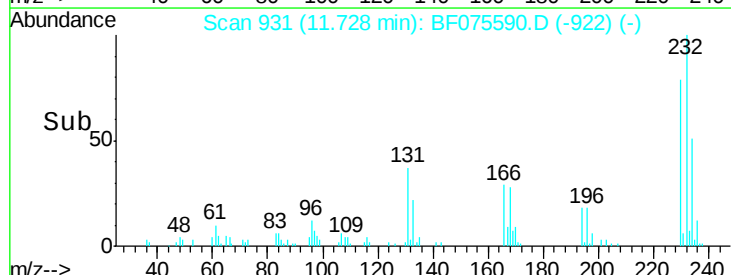
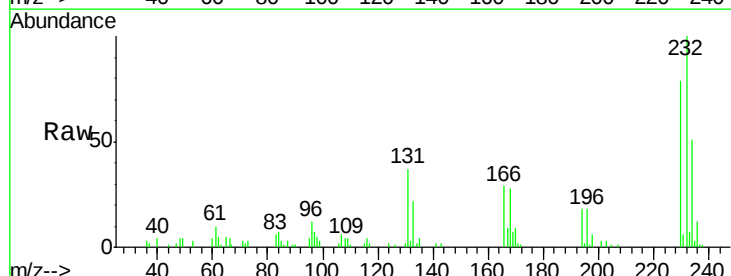
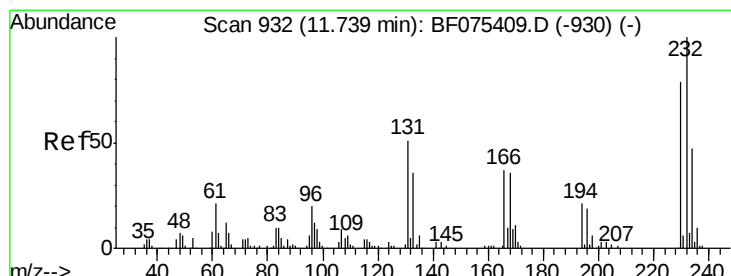
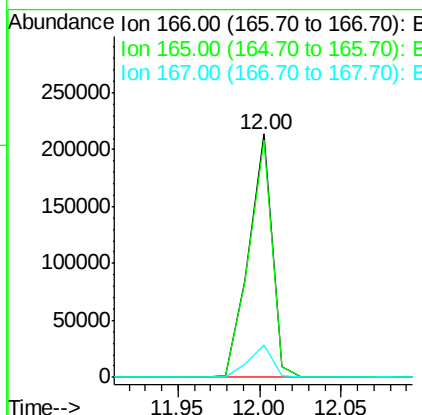
#57
 Fluorene
 Concen: 41.14 ng
 RT: 12.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Tot Ion:	166	Resp:	212294
Ion Ratio	Lower	Upper	
166	100		
165	97.2	78.8	118.2
167	13.2	10.6	15.8

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

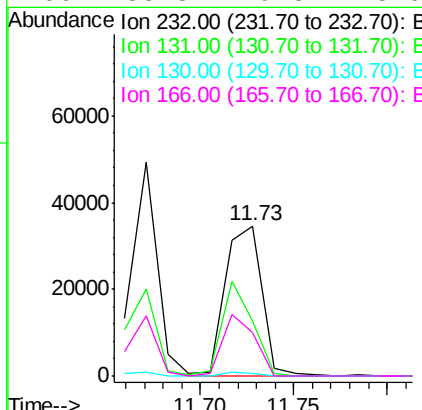
Manual Integrations
 APPROVED

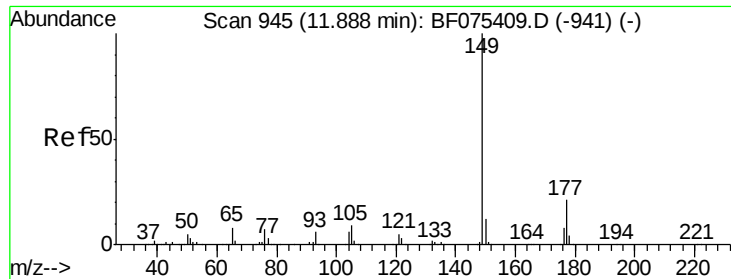
mohammad
 11/17/2014 7:39:52 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.54 ng
 RT: 11.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Tgt Ion:	232	Resp:	47738
Ion Ratio	Lower	Upper	
232	100		
131	52.5	44.6	67.0
130	2.3	2.5	3.7#
166	35.3	29.3	43.9





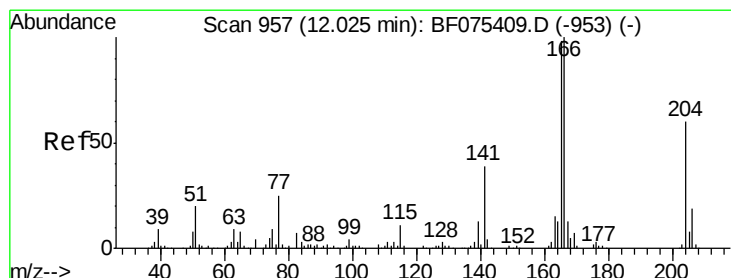
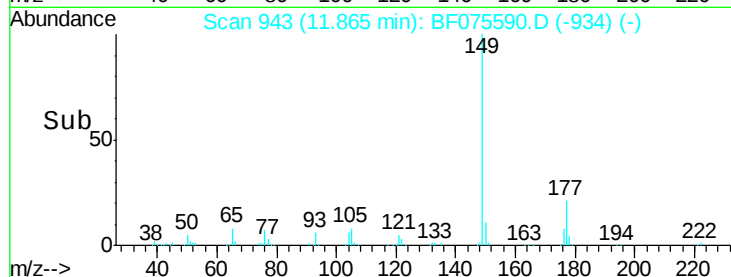
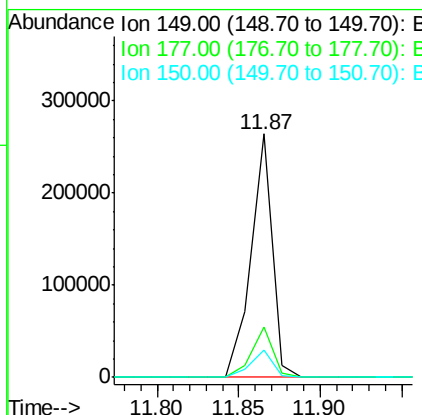
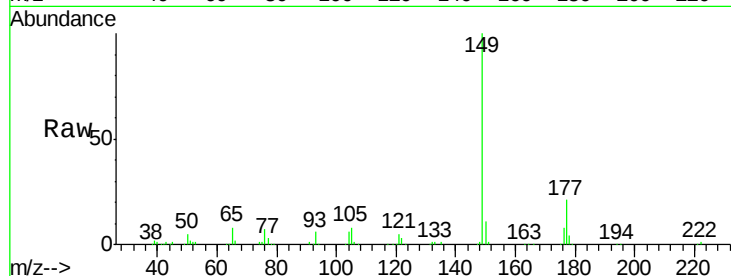
#59
Diethylphthalate
Concen: 39.76 ng
RT: 11.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	239851		
177	20.8	15.8	23.8	
150	11.5	9.9	14.9	

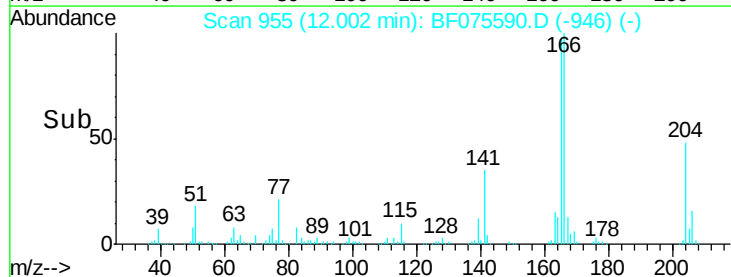
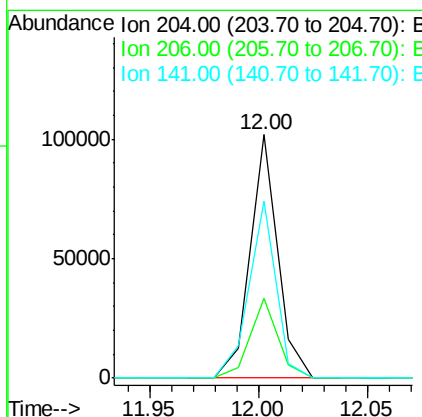
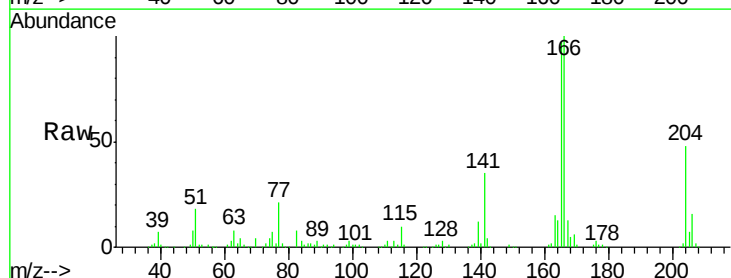
Manual Integrations
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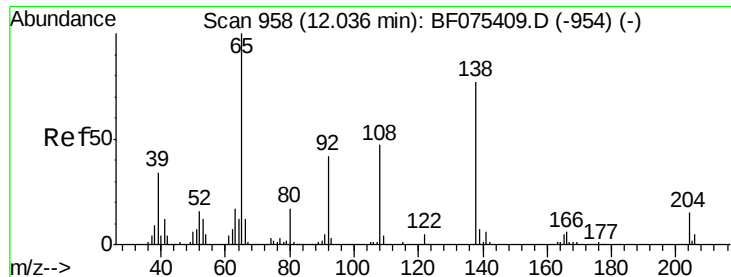
mohammad
11/17/2014 7:39:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.43 ng
RT: 12.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	89701		
206	32.9	25.1	37.7	
141	72.7	58.6	87.8	





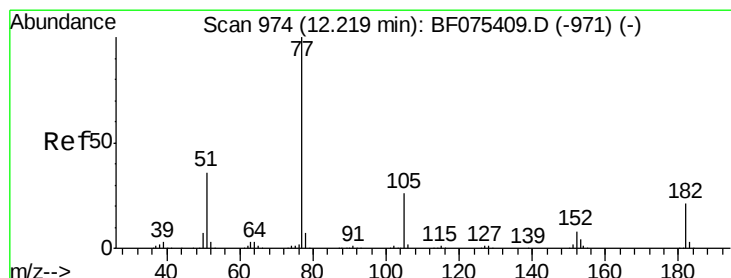
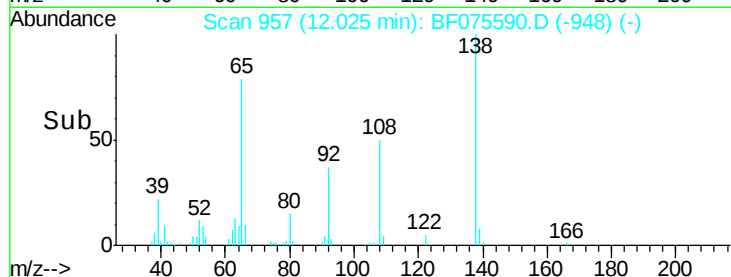
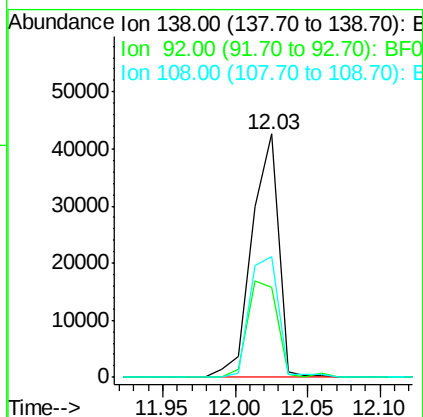
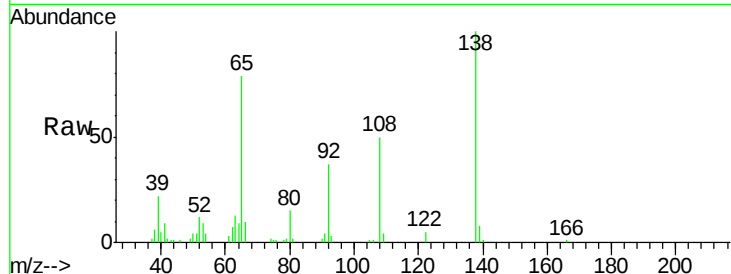
#61
4-Nitroaniline
Concen: 40.24 ng
RT: 12.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	36.7	34.8	74.8
108	49.5	50.6	90.6

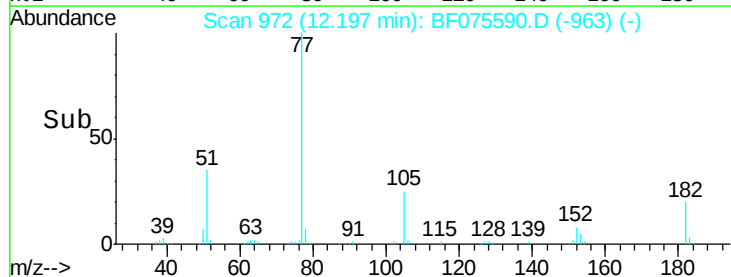
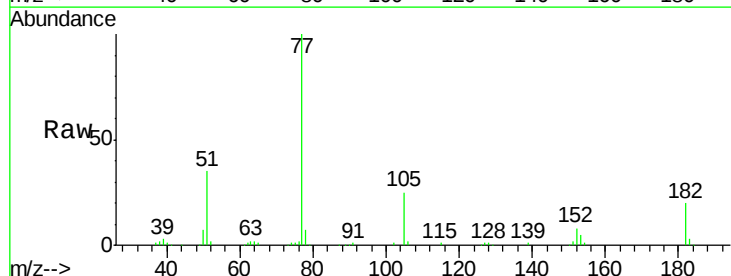
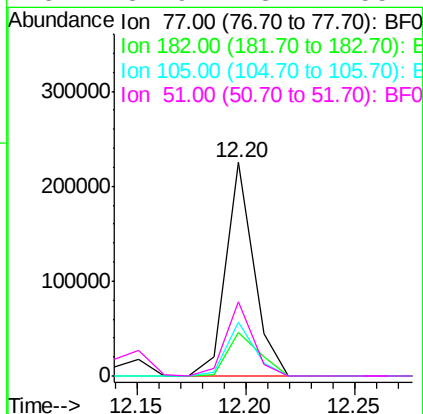
Manual Integrations
APPROVED

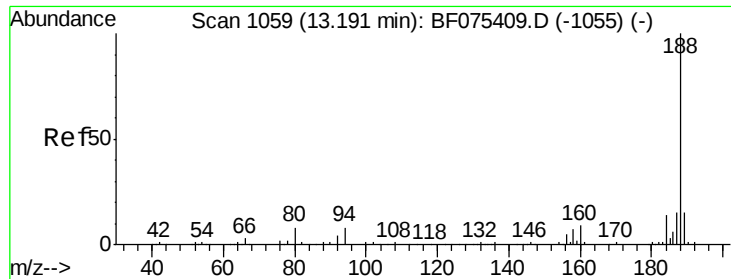
mohammad
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#62
Azobenzene
Concen: 37.43 ng
RT: 12.20 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	0.0	37.1
105	25.0	3.7	43.7
51	34.9	18.7	58.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

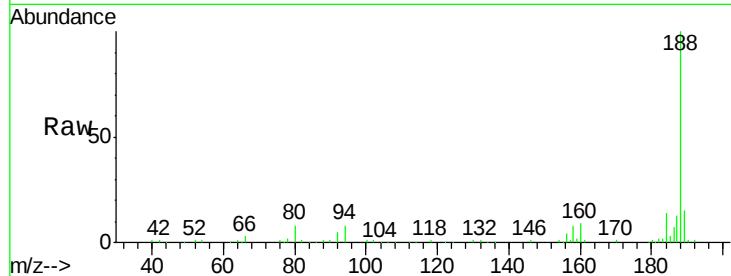
ClientSampleId :

PB80336BS

Tot Ion:	188	Resp:	150505
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.8	11.6
80	8.4	8.0	12.0

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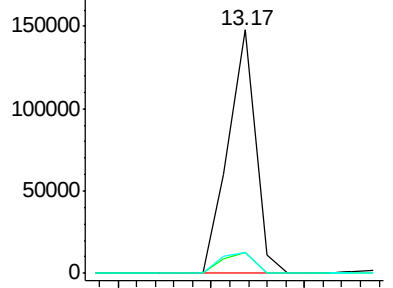
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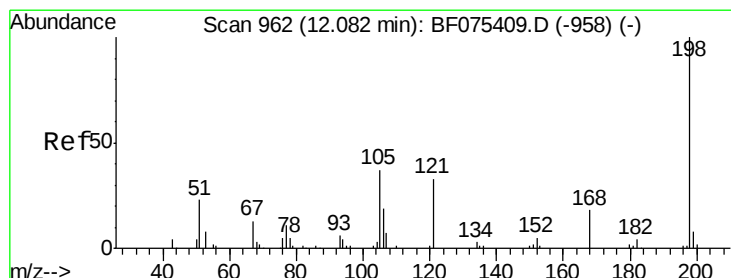
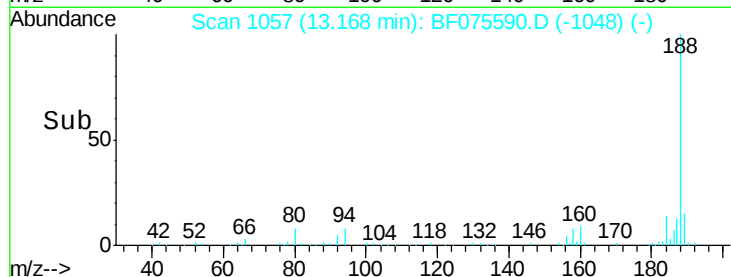
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 36.36 ng

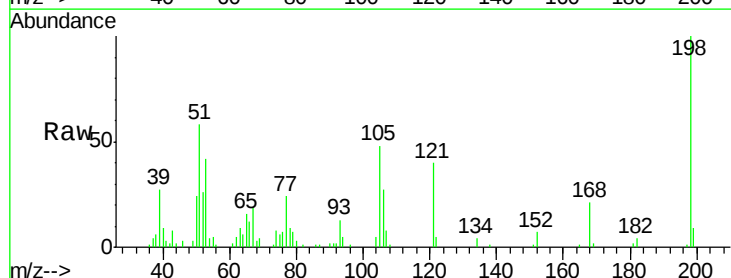
RT: 12.06 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

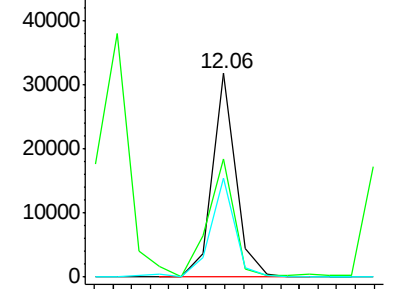
Tgt Ion:	198	Resp:	27679
Ion Ratio	Lower	Upper	
198	100		
51	58.2	26.0	66.0
105	48.4	24.2	64.2



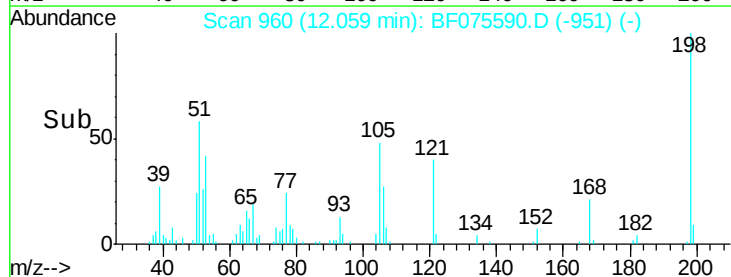
Abundance Ion 198.00 (197.70 to 198.70): E

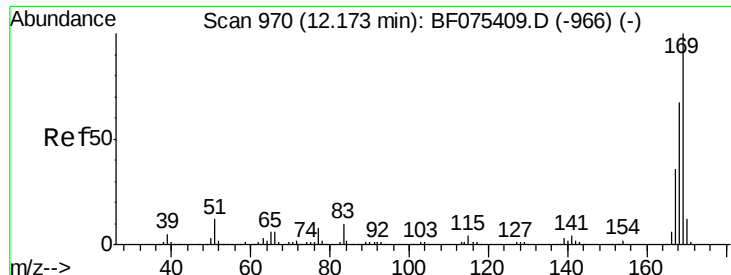
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





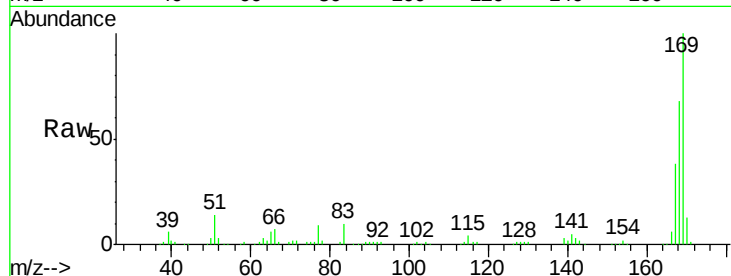
#65
n-Nitrosodiphenylamine
Concen: 37.23 ng
RT: 12.15 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

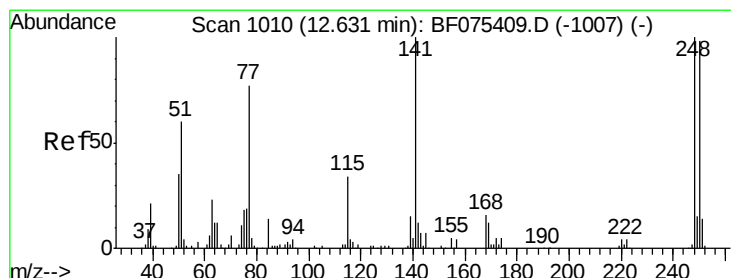
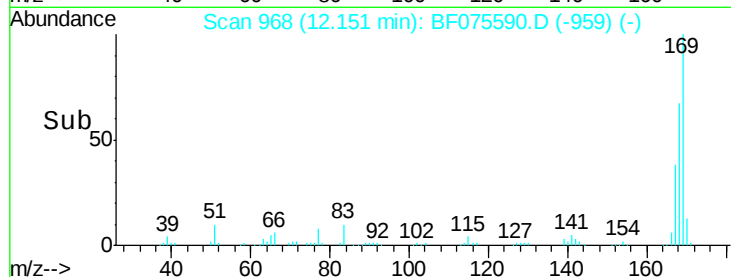
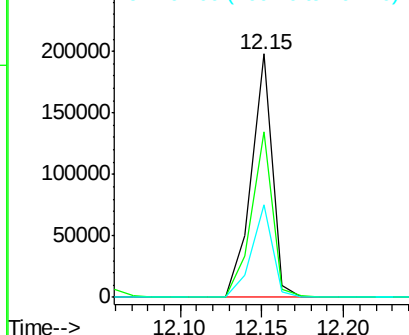
Tot Ion	Ratio	Resp	Lower	Upper
169	100	177238		
168	67.8	53.5	80.3	
167	38.0	29.8	44.6	

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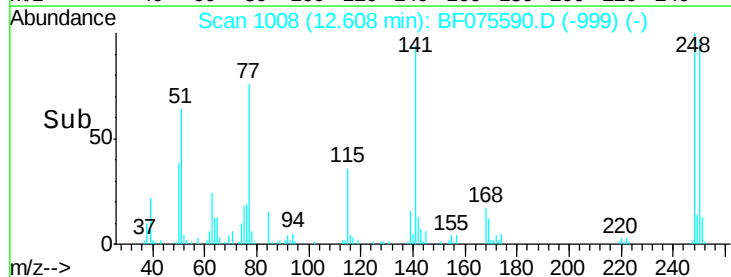
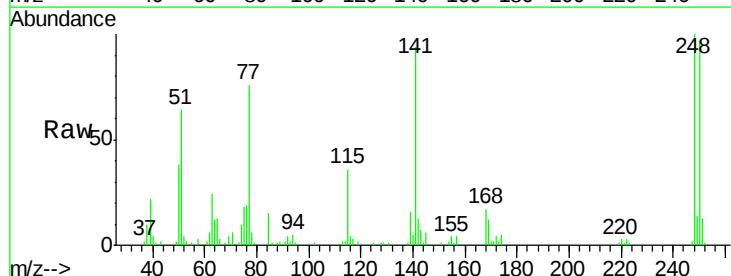
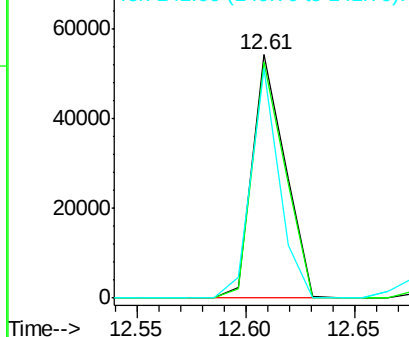
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

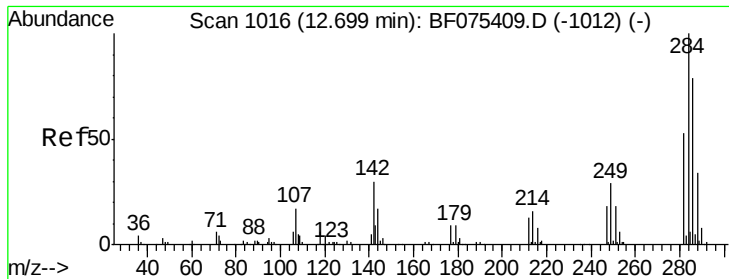


#66
4-Bromophenyl-phenylether
Concen: 40.62 ng
RT: 12.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	57519		
250	96.8	76.3	114.5	
141	94.2	44.3	66.5	

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





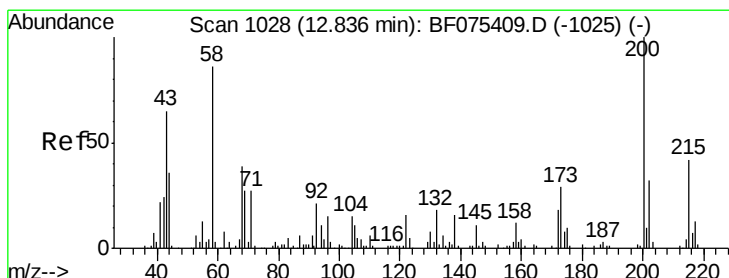
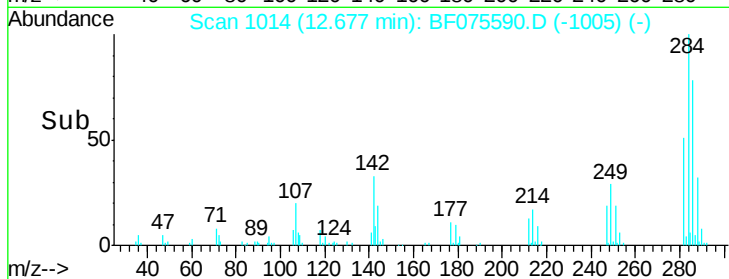
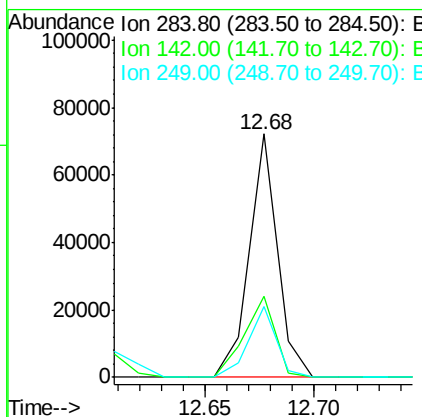
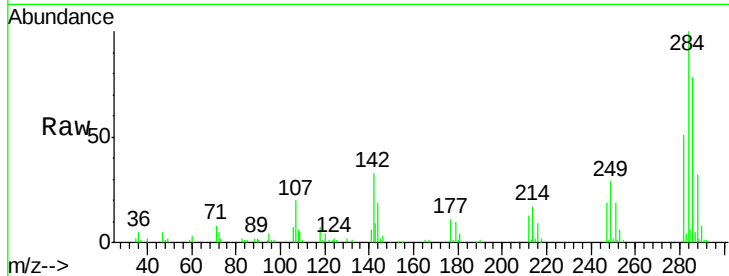
#67
Hexachlorobenzene
Concen: 40.35 ng
RT: 12.68 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion:	284	Resp:	64885
Ion Ratio	Lower	Upper	
284	100		
142	33.5	28.7	43.1
249	29.3	24.1	36.1

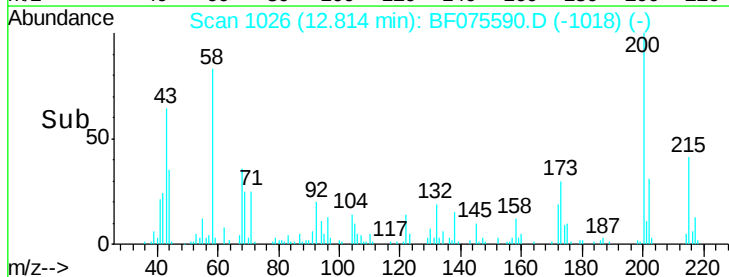
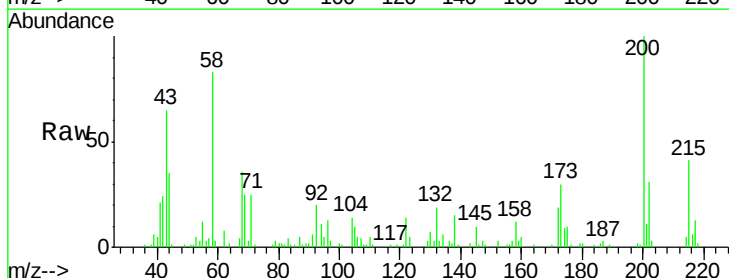
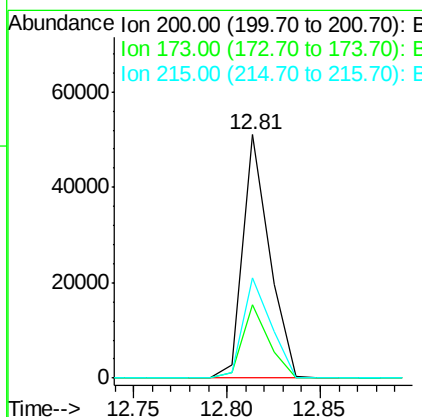
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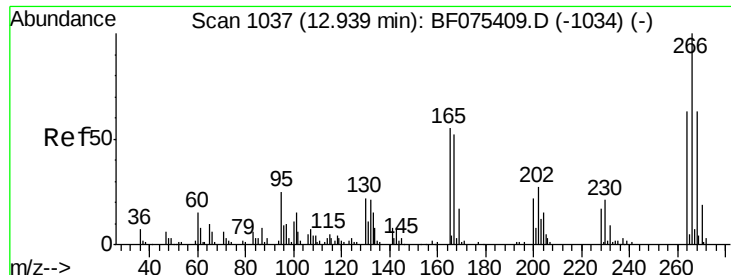
mohammad
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#68
Atrazine
Concen: 34.24 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion:	200	Resp:	50579
Ion Ratio	Lower	Upper	
200	100		
173	30.1	12.3	52.3
215	41.3	23.8	63.8





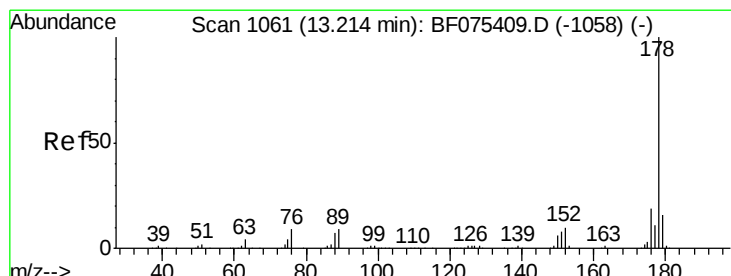
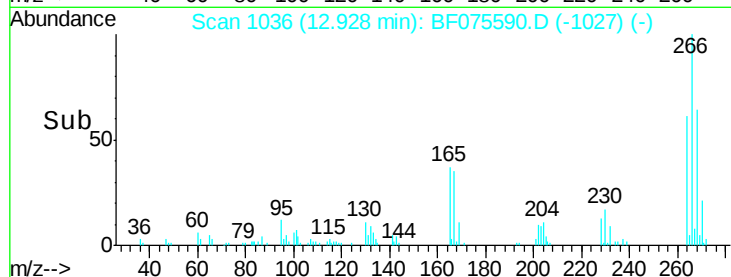
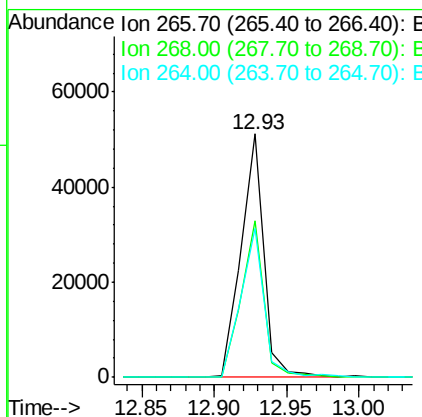
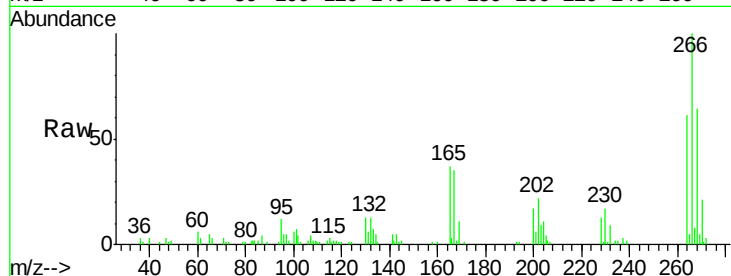
#69
 Pentachlorophenol
 Concen: 55.33 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	48.6	73.0
264	61.2	52.1	78.1

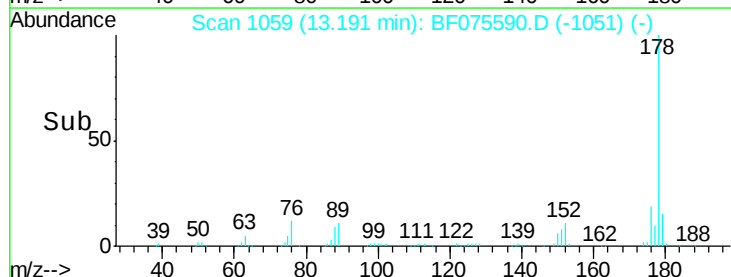
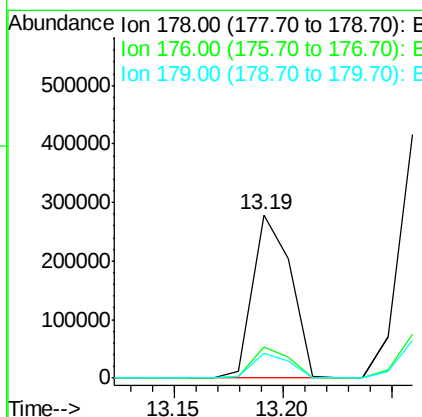
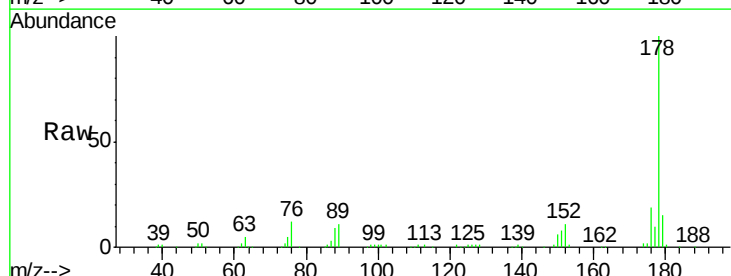
Manual Integrations
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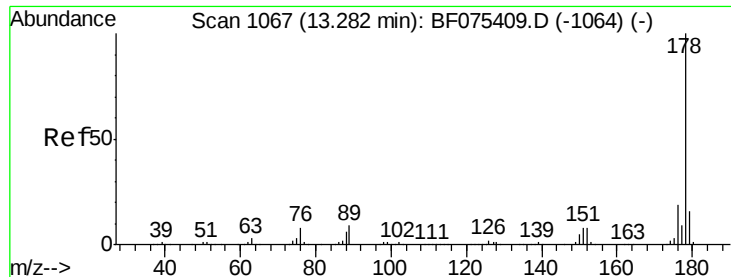
mohammad
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#70
 Phenanthrene
 Concen: 43.17 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.2	18.4





#71

Anthracene

Concen: 45.87 ng

RT: 13.26 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

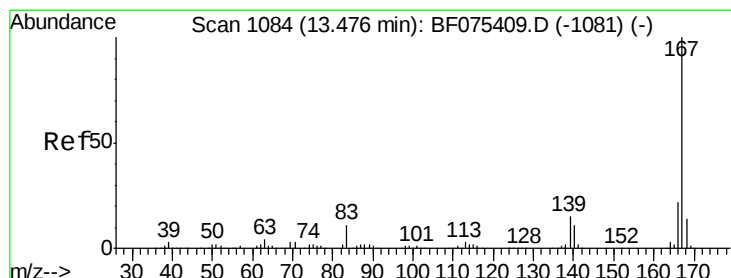
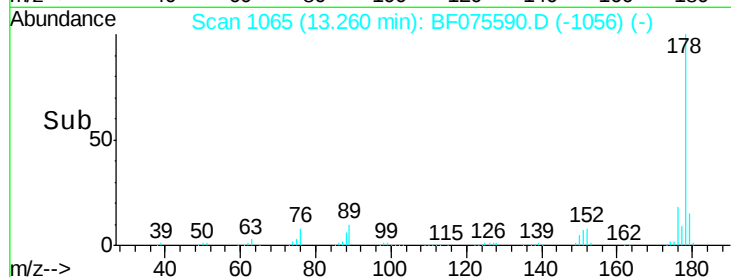
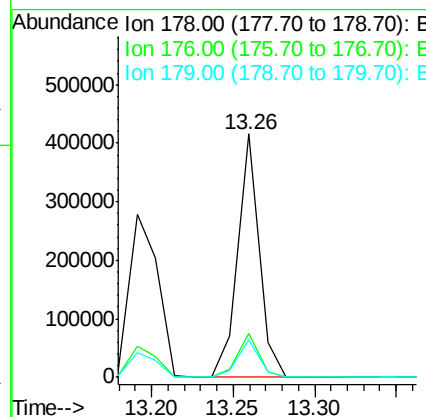
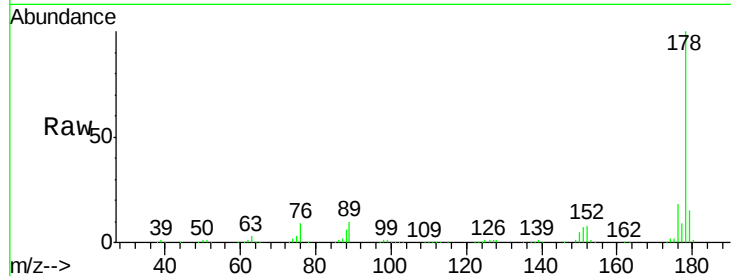
ClientSampleId :

PB80336BS

Tot Ion:	178	Resp:	375550
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.1	22.7
179	15.4	12.2	18.2

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#72

Carbazole

Concen: 45.71 ng

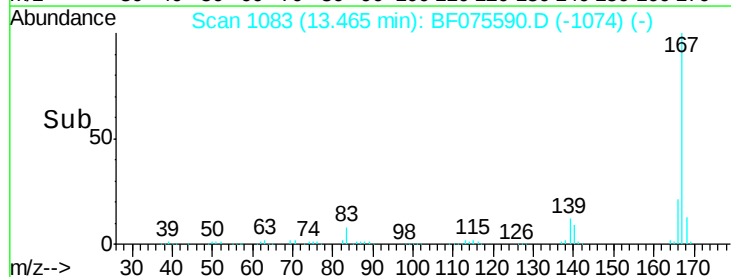
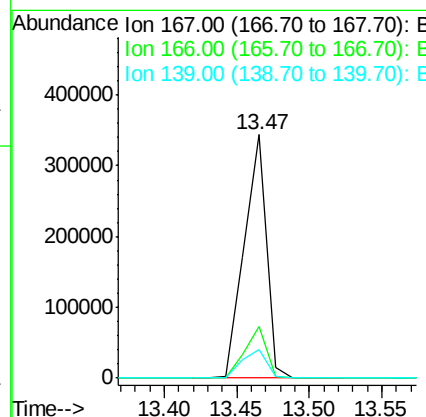
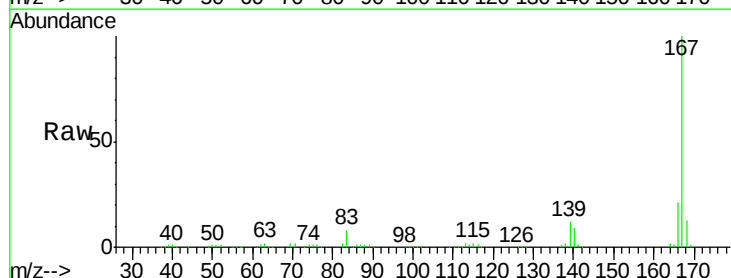
RT: 13.47 min Scan# 1083

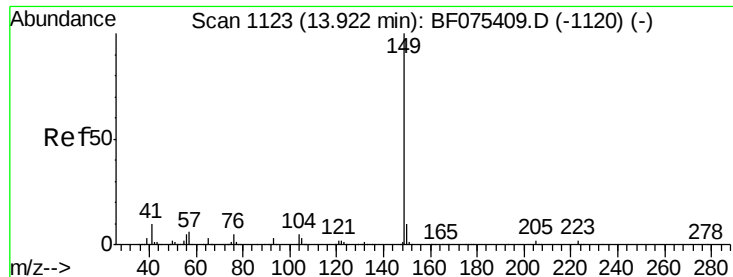
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	167	Resp:	366148
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.4	26.0
139	11.6	10.1	15.1





#73

Di-n-butylphthalate

Concen: 40.62 ng

RT: 13.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

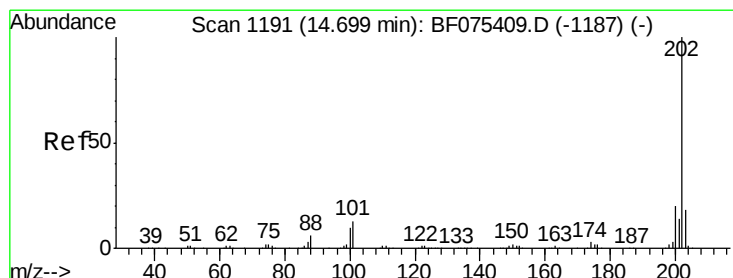
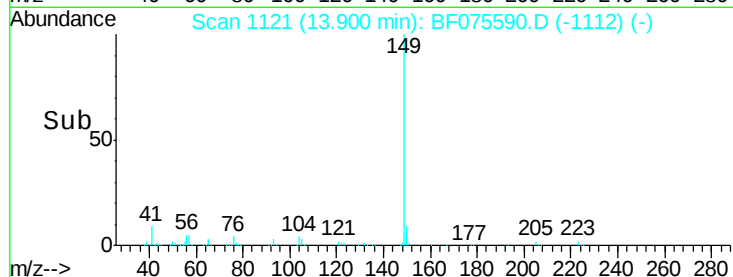
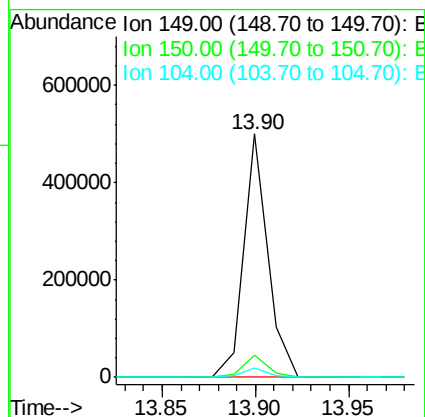
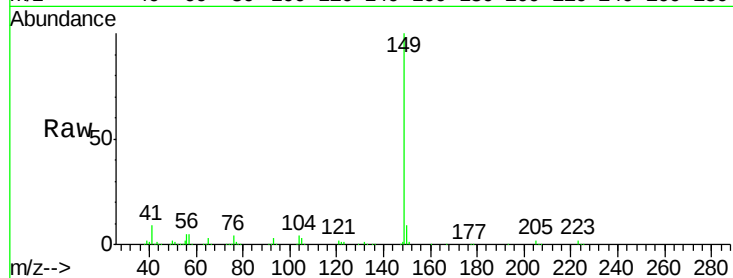
ClientSampleId :

PB80336BS

Tot Ion:	149	Resp:	449495
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	4.0	3.1	4.7

Manual Integrations
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#74

Fluoranthene

Concen: 45.09 ng

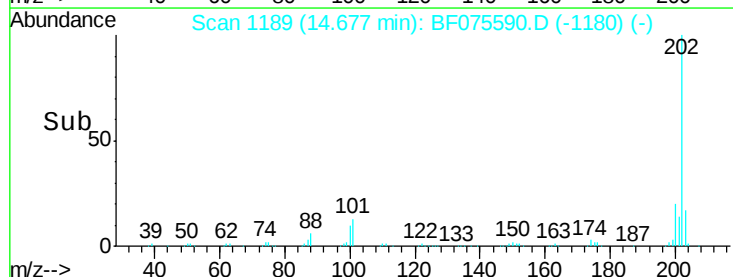
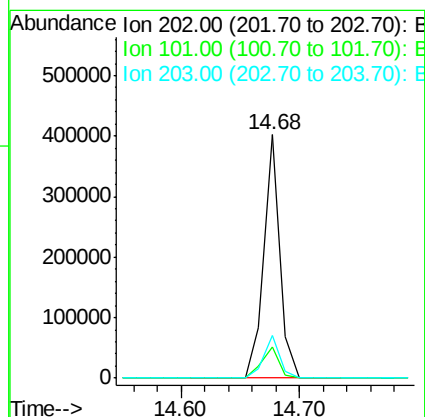
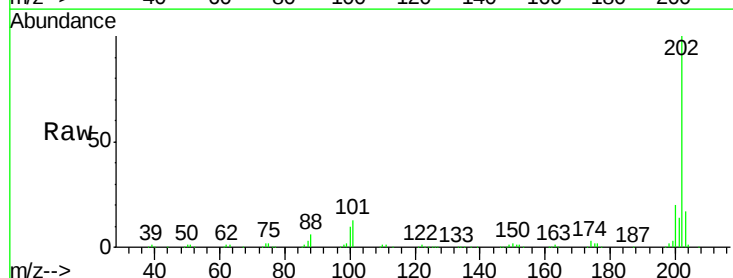
RT: 14.68 min Scan# 1189

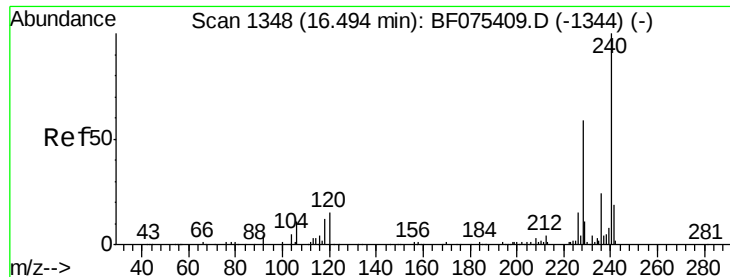
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	202	Resp:	382517
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	36.6
203	17.4	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

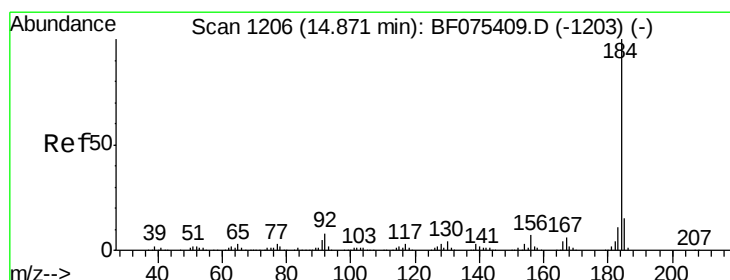
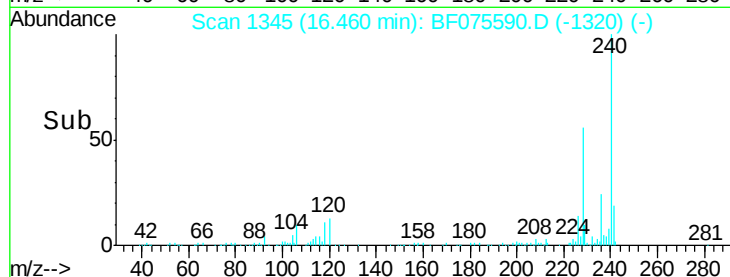
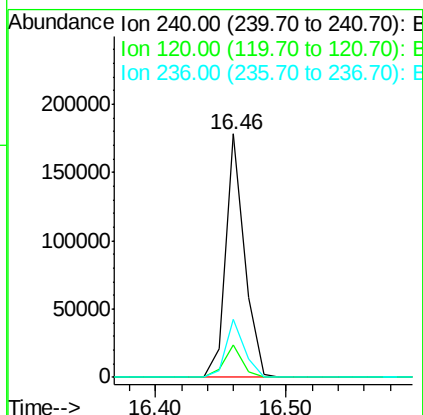
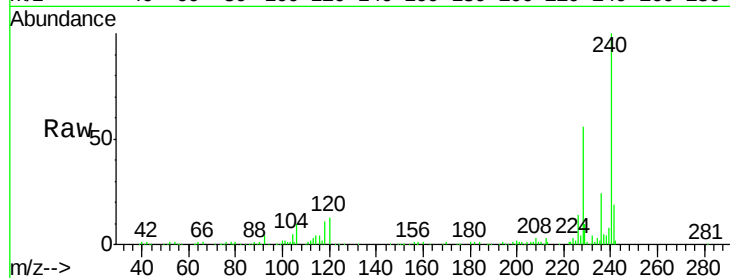
ClientSampleId :

PB80336BS

Tot Ion:	240	Resp:	179355
Ion Ratio	Lower	Upper	
240	100		
120	13.4	9.6	14.4
236	23.9	18.9	28.3

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#76

Benzidine

Concen: 18.51 ng

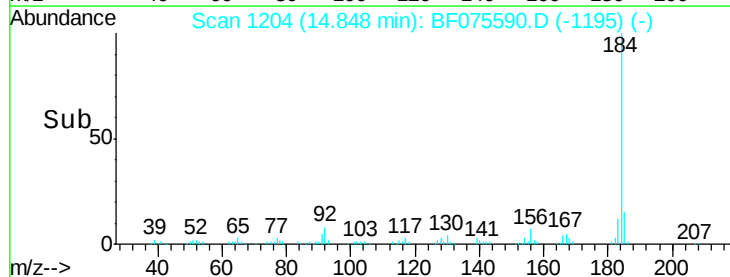
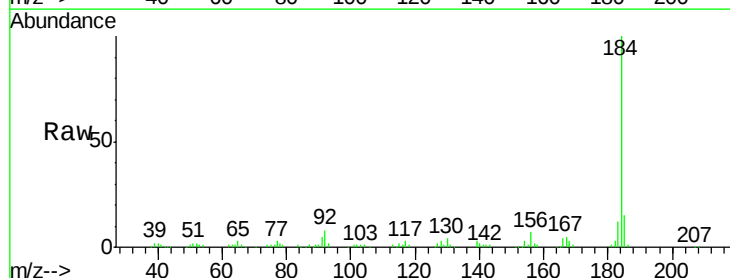
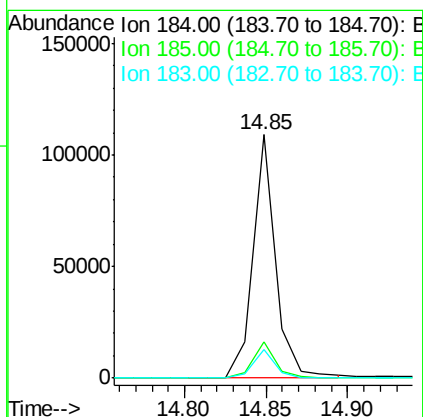
RT: 14.85 min Scan# 1204

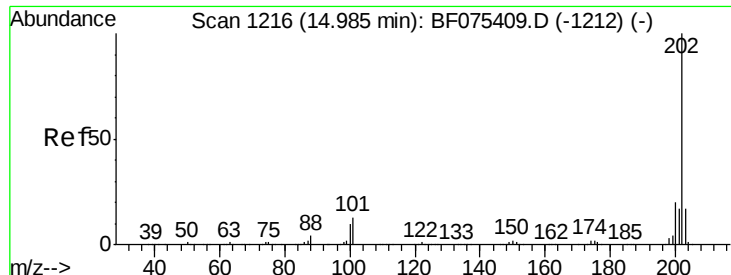
Delta R.T. 0.00 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	184	Resp:	105591
Ion Ratio	Lower	Upper	
184	100		
185	14.8	10.9	16.3
183	11.7	8.7	13.1





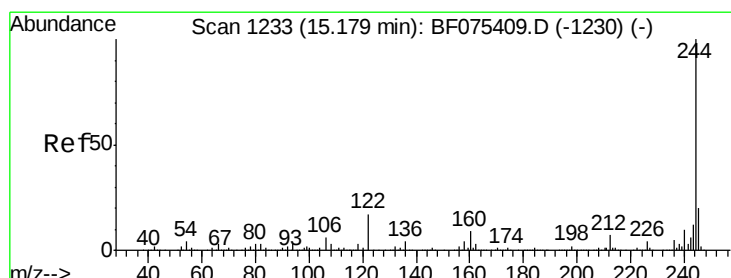
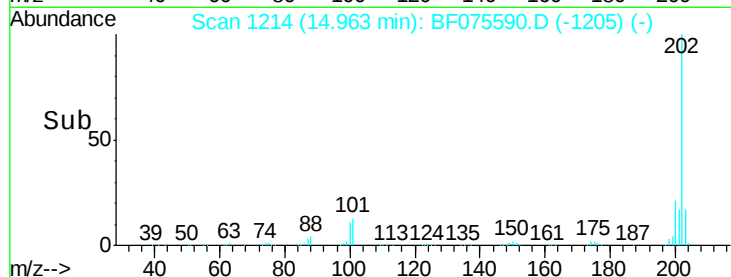
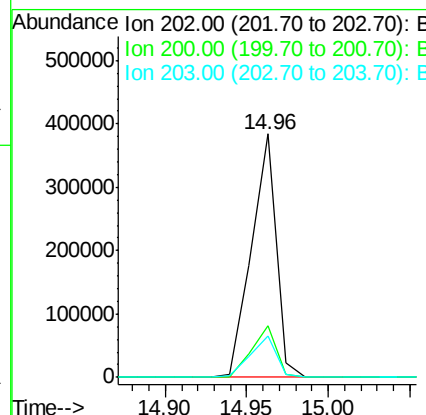
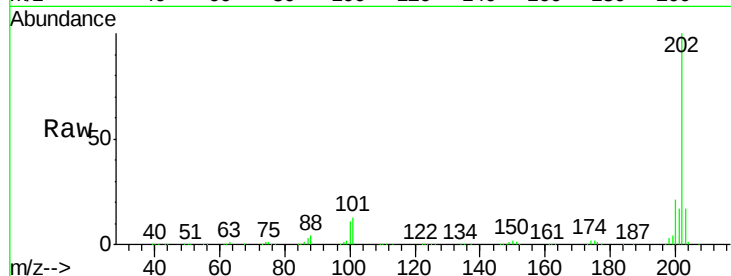
#77
Pvrene
Concen: 38.86 ng
RT: 14.96 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		405210		
200	21.3	16.8	25.2		
203	17.0	14.3	21.5		

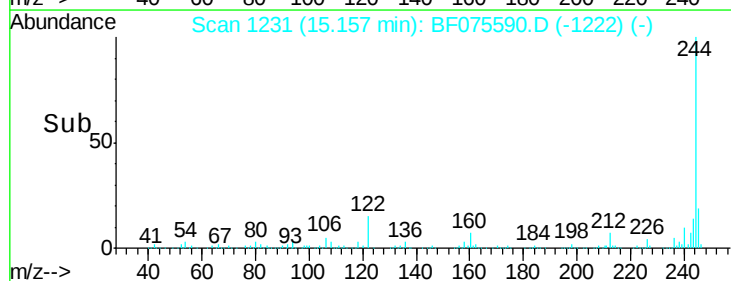
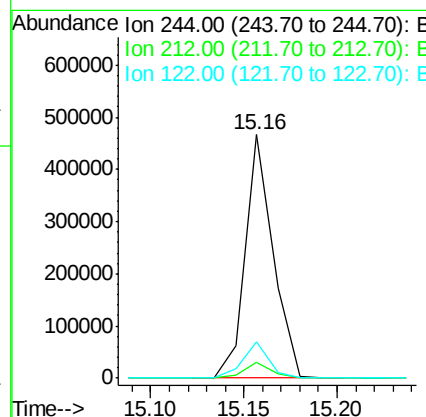
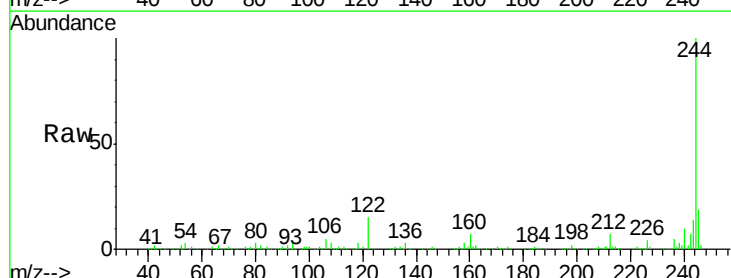
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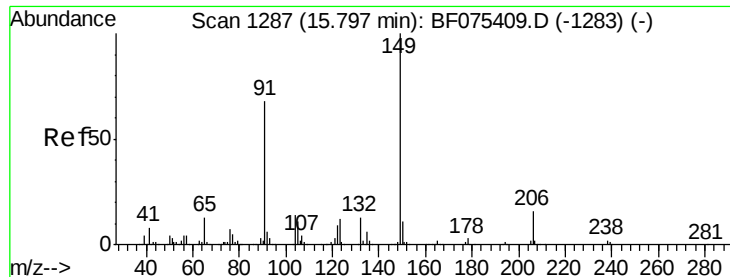
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#78
Terphenyl-d14
Concen: 72.45 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		482667		
212	6.6	5.5	8.3		
122	15.0	9.7	14.5#		





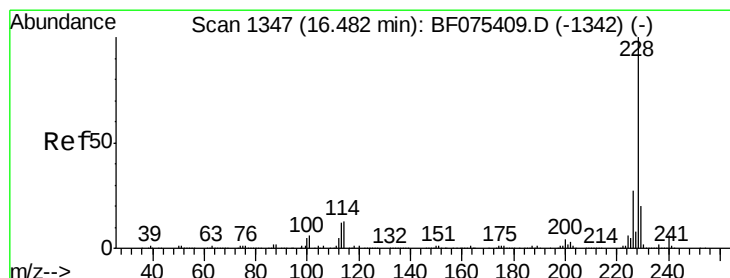
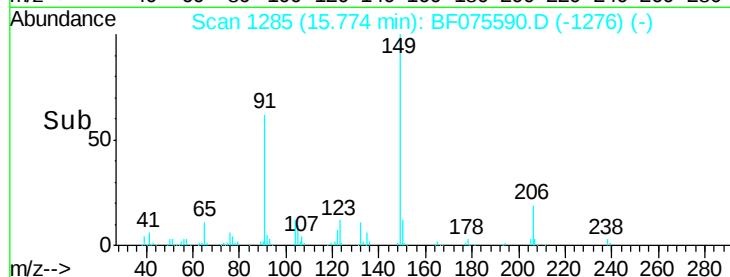
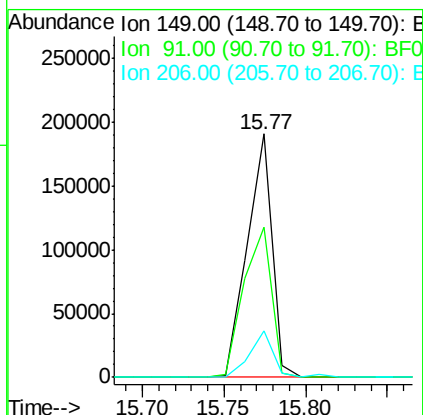
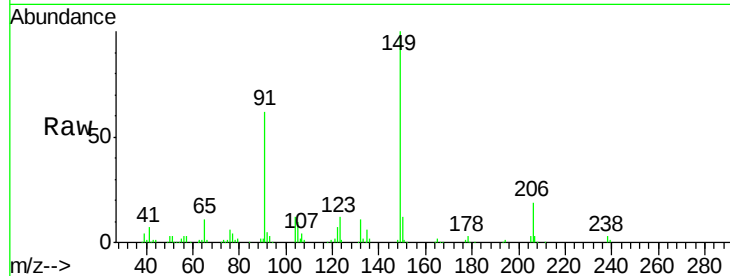
#79
Butylbenzylphthalate
Concen: 34.52 ng
RT: 15.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	61.8	49.0	73.4
206	19.0	15.5	23.3

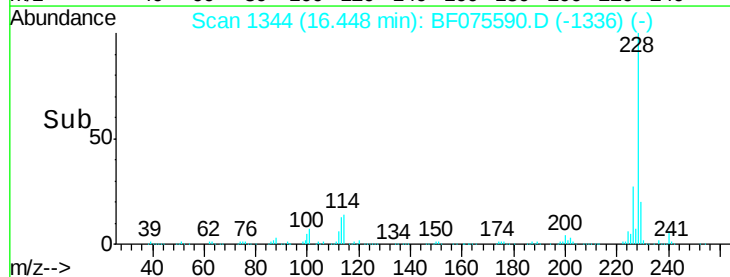
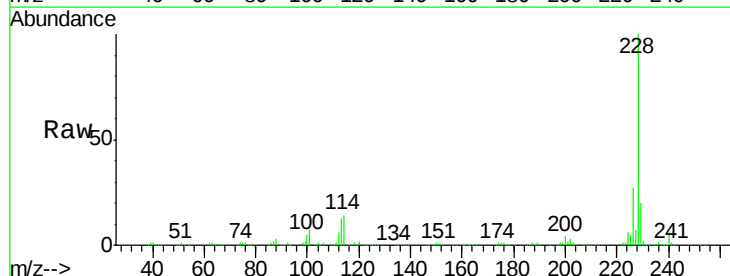
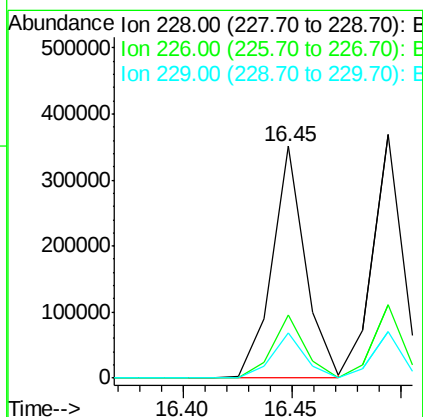
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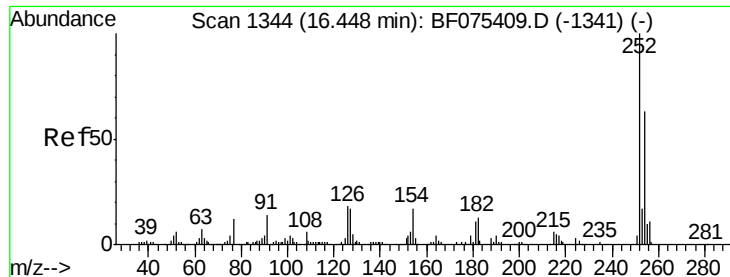
mohammad
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#80
Benzo(a)anthracene
Concen: 39.69 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.6	15.3	22.9





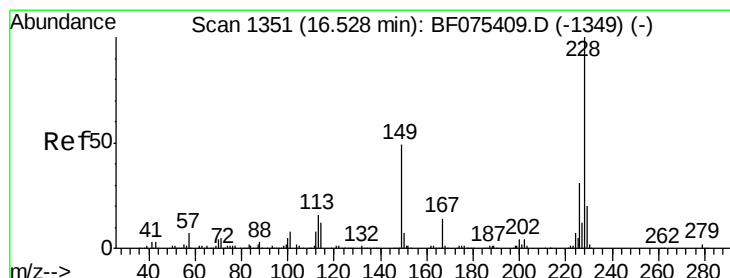
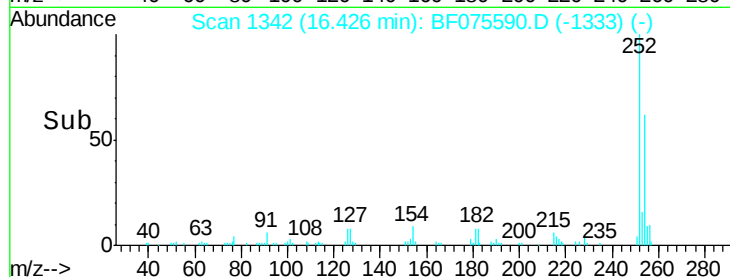
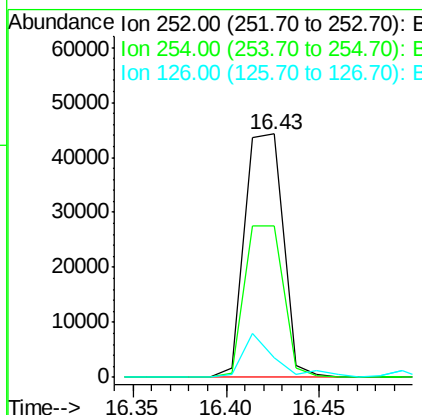
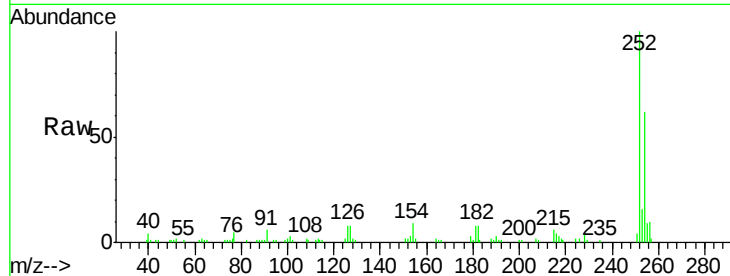
#81
 3,3'-Dichlorobenzidine
 Concen: 18.21 ng
 RT: 16.43 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.0	75.0
126	7.8	16.0	24.0

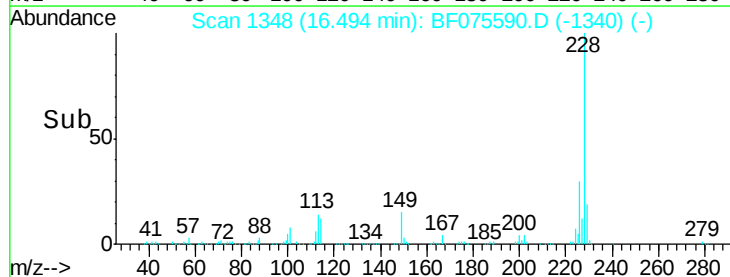
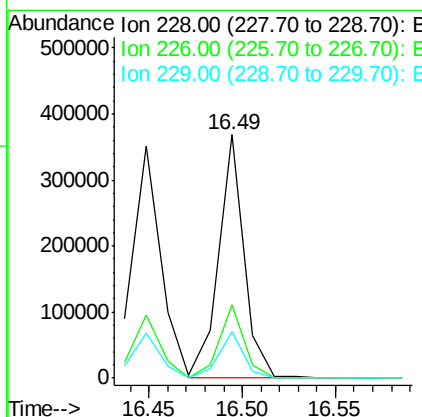
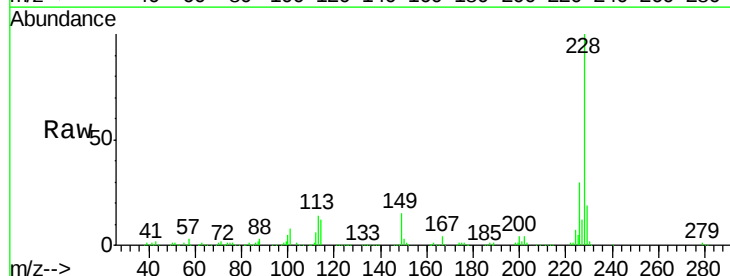
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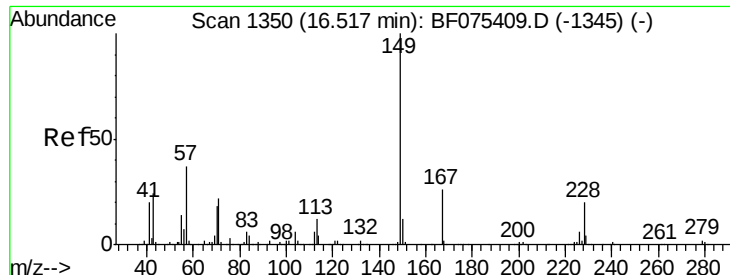
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#82
 Chrysene
 Concen: 42.84 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	19.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.64 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

ClientSampleId :

PB80336BS

Tot Ion:149 Resp: 310287
Ion Ratio Lower Upper

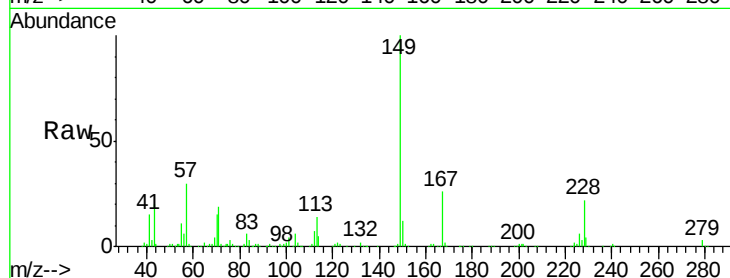
149 100

167 25.8 21.4 32.2

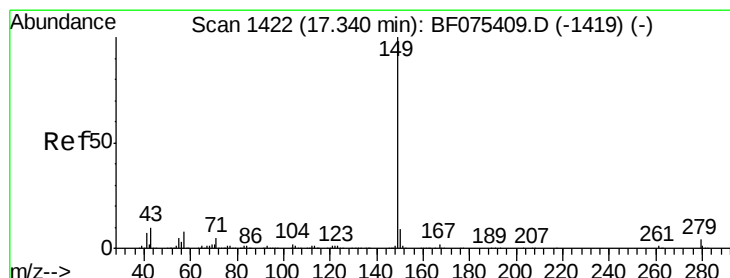
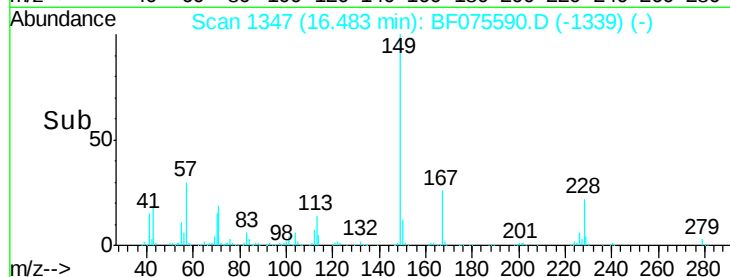
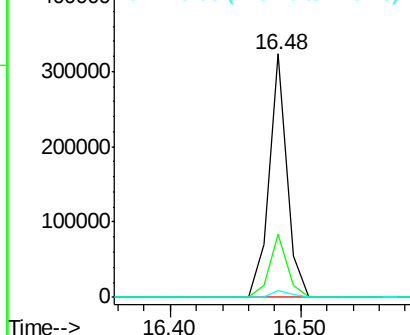
279 2.7 2.8 4.2#

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



#84

Di-n-octyl phthalate

Concen: 34.07 ng

RT: 17.27 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF075590.D

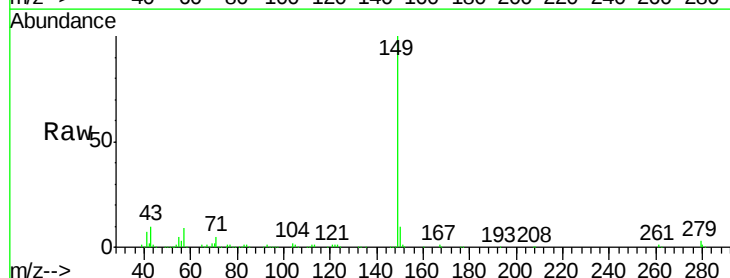
Acq: 16 Nov 2014 20:12

Tgt Ion:149 Resp: 553145
Ion Ratio Lower Upper

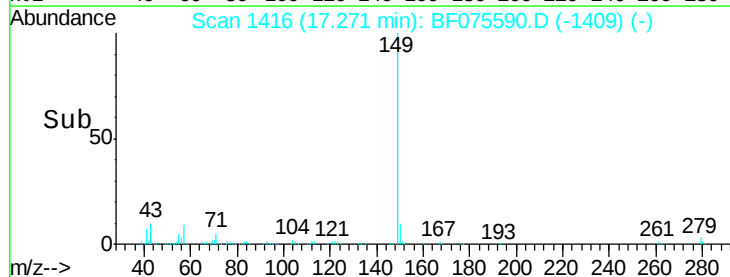
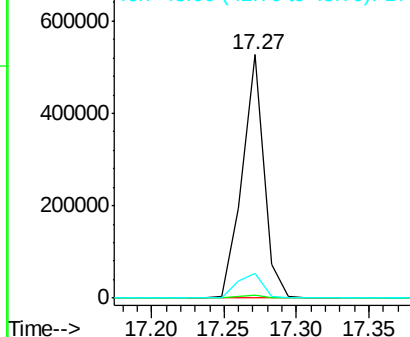
149 100

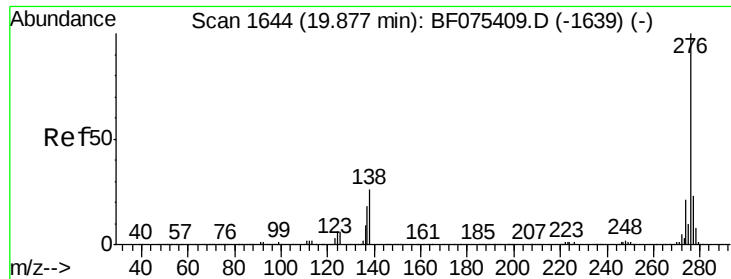
167 1.4 1.1 1.7

43 12.0 11.0 16.4



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





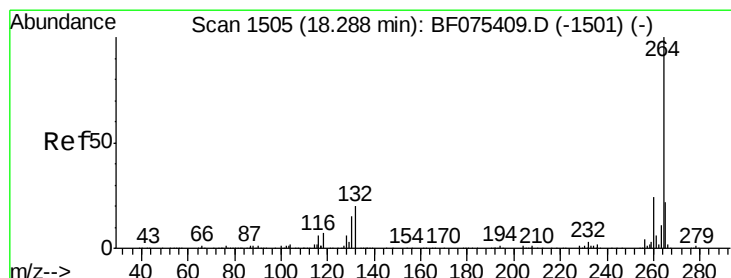
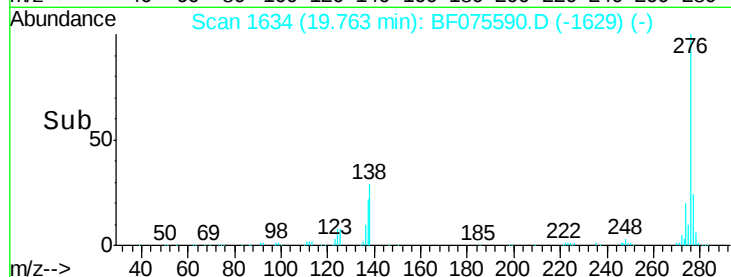
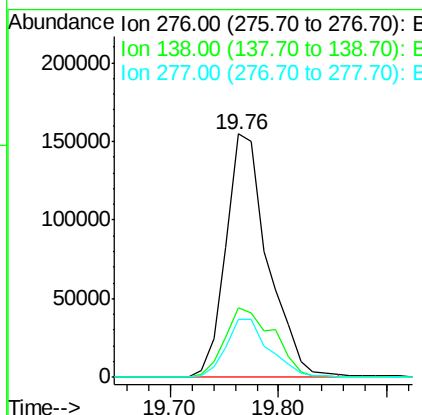
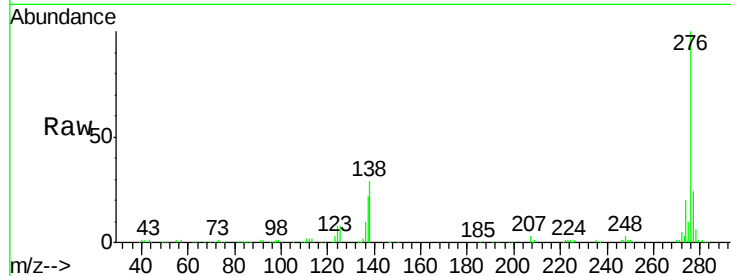
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.88 ng
RT: 19.76 min Scan# 1634
Delta R.T. -0.05 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	414032		
138	33.1	0.0	0.0	0.0
277	24.7	0.0	0.0	0.0

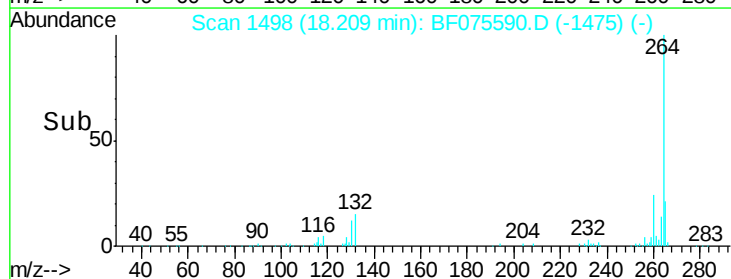
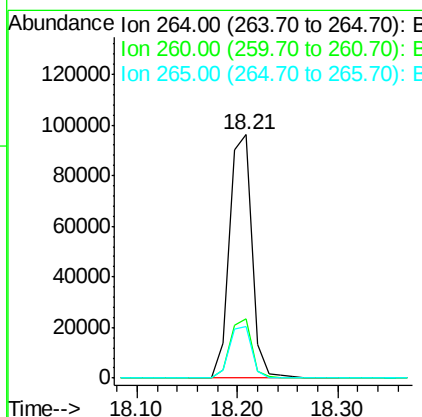
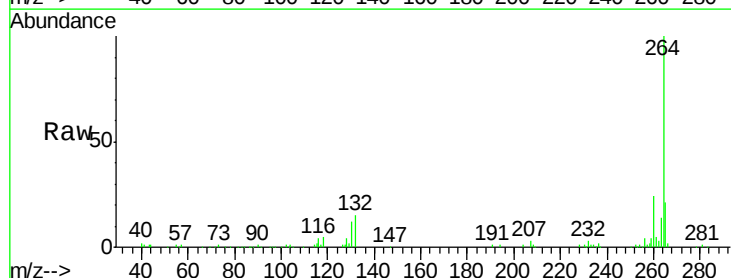
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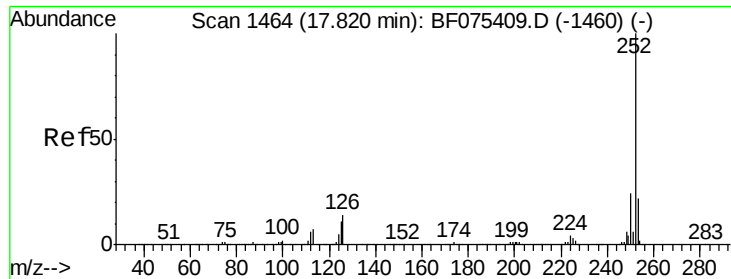
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	149727		
260	24.3	17.9	26.9	
265	21.0	16.3	24.5	





#87

Benzo(b)fluoranthene

Concen: 44.07 ng m

RT: 17.74 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Instrument :

BNA_F

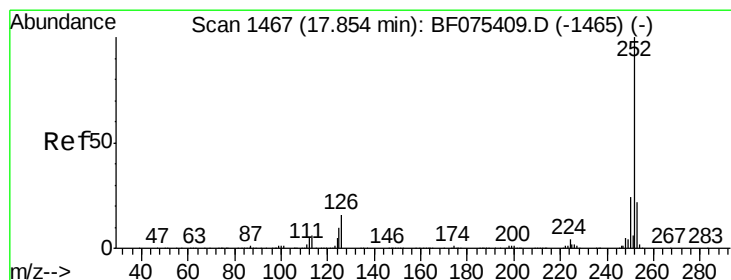
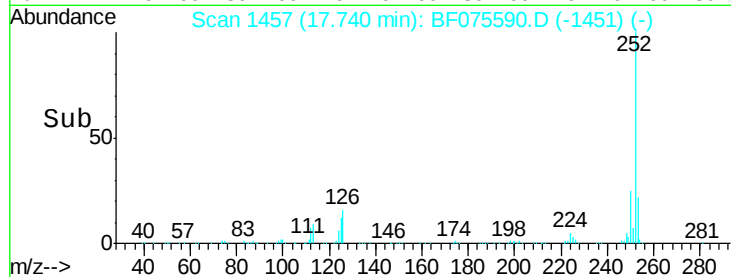
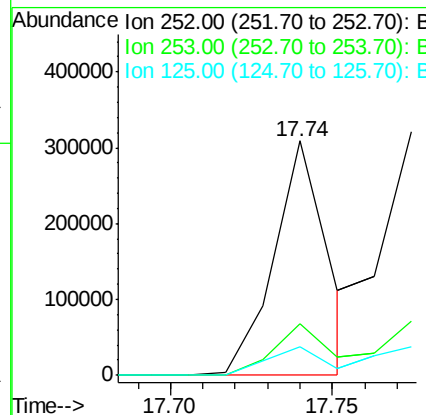
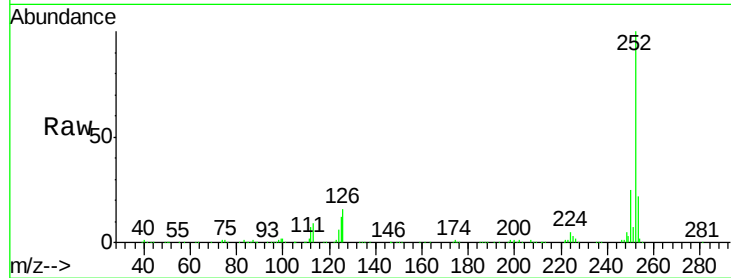
ClientSampleId :

PB80336BS

Tot Ion:	252	Resp:	352759
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	12.4	11.8	17.6

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#88

Benzo(k)fluoranthene

Concen: 50.87 ng m

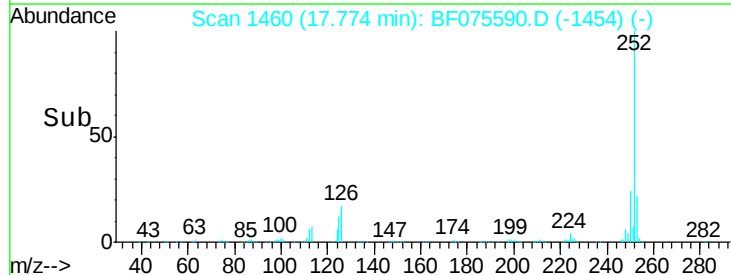
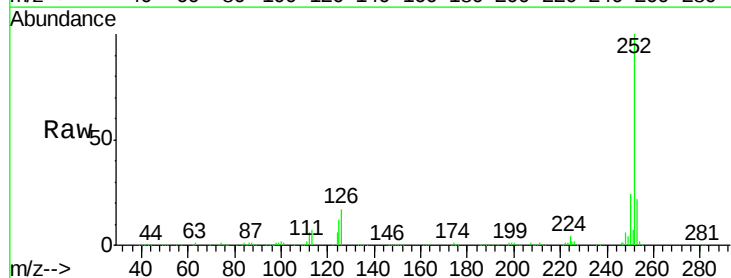
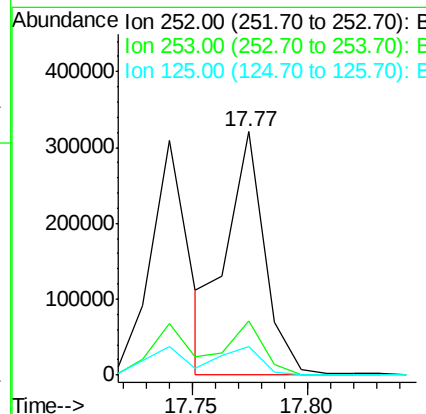
RT: 17.77 min Scan# 1460

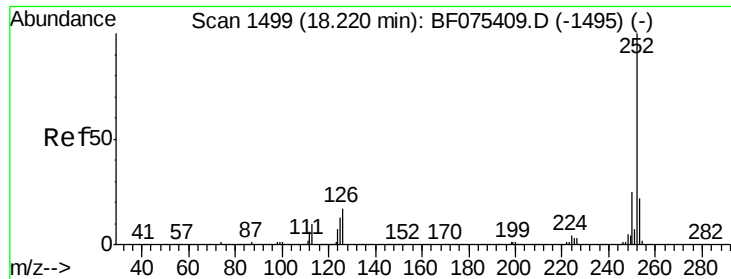
Delta R.T. -0.03 min

Lab File: BF075590.D

Acq: 16 Nov 2014 20:12

Tgt Ion:	252	Resp:	365486
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	11.9	11.6	17.4





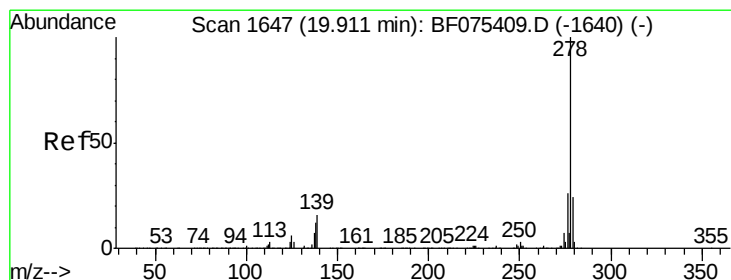
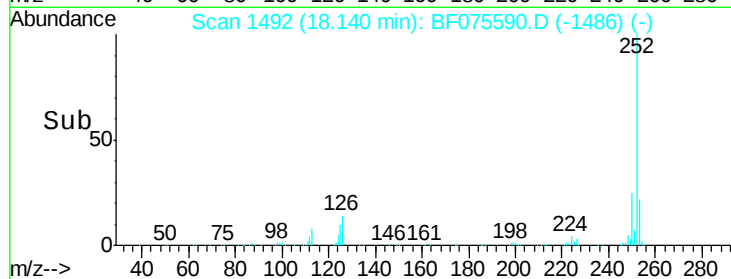
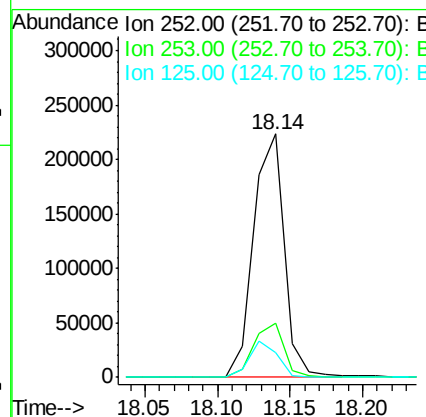
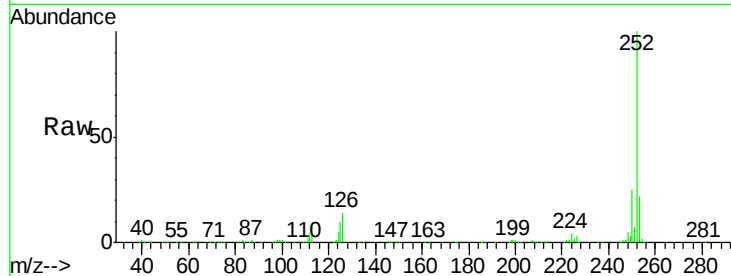
#89
Benzo(a)pyrene
Concen: 45.77 ng
RT: 18.14 min Scan# 1492
Delta R.T. -0.03 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Instrument :
BNA_F
ClientSampleId :
PB80336BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.1	12.2	18.4

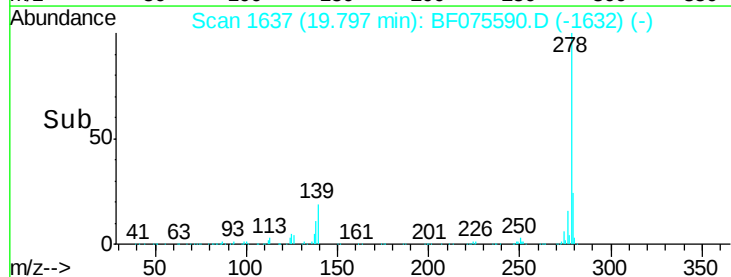
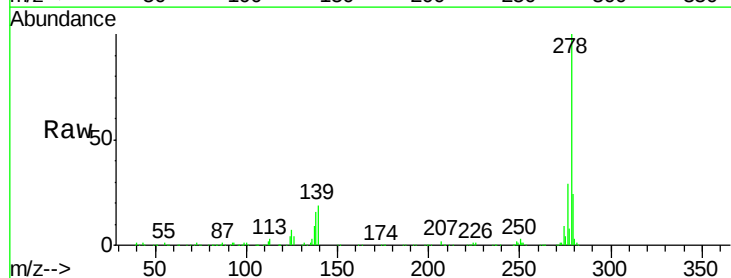
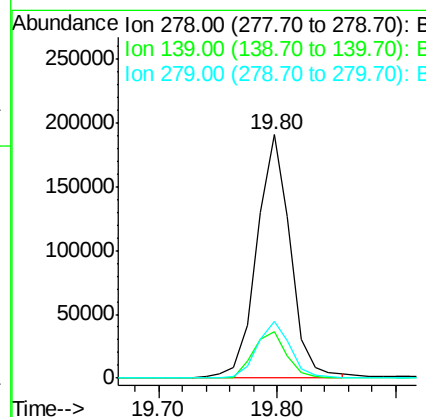
Manual Integrations
APPROVED

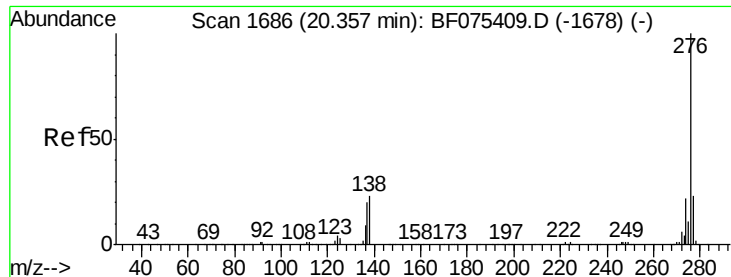
mohammad
11/17/2014 7:39:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.18 ng
RT: 19.80 min Scan# 1637
Delta R.T. -0.05 min
Lab File: BF075590.D
Acq: 16 Nov 2014 20:12

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.1	13.6	20.4
279	23.5	19.4	29.0





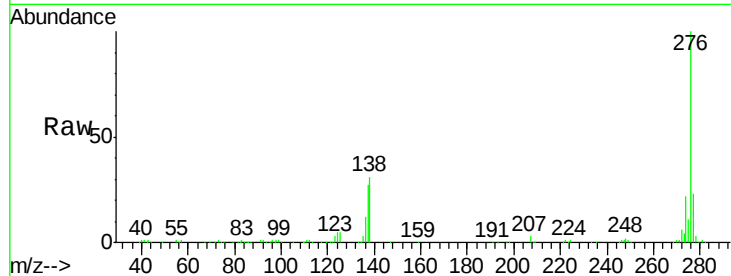
#91
 Benzo(a,h,i)perylene
 Concen: 49.34 ng
 RT: 20.23 min Scan# 1675
 Delta R.T. -0.06 min
 Lab File: BF075590.D
 Acq: 16 Nov 2014 20:12

Instrument :
 BNA_F
 ClientSampleId :
 PB80336BS

Tot Ion:	276	Resp:	351661
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.8	26.8
138	30.6	22.8	34.2

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

