

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075574.D
 Acq On : 16 Nov 2014 10:16
 Operator : TP / JJ
 Sample : F4737-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:39:24 PM

Quant Time: Nov 17 04:43:52 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 04:16:34 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	28843	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	120039	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	66527	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	112115	20.00	ng	0.00
75) Chrysene-d12	16.46	240	128860	20.00	ng	-0.02
86) Perylene-d12	18.19	264	123027	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	236663	144.95	ng	0.00
7) Phenol-d6	7.11	99	298385	151.98	ng	0.00
23) Nitrobenzene-d5	8.24	82	157732	96.34	ng	-0.01
41) 2,4,6-Tribromophenol	12.30	330	74228	133.21	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	339635	92.25	ng	0.00
78) Terphenyl-d14	15.16	244	364455	76.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	27896	40.70	ng	95
3) Pyridine	3.27	79	63946m	34.72	ng	
4) n-Nitrosodimethylamine	3.18	42	35286	36.20	ng	87
6) Aniline	7.13	93	20550	7.25	ng	# 1
8) 2-Chlorophenol	7.28	128	83166	44.01	ng	83
9) Benzaldehyde	7.00	77	3868	2.93	ng	99
10) Phenol	7.12	94	105664	44.12	ng	91
11) bis(2-Chloroethyl)ether	7.24	93	85379	47.06	ng	87
12) 1,3-Dichlorobenzene	7.48	146	88312	42.89	ng	94
13) 1,4-Dichlorobenzene	7.58	146	92489	44.15	ng	93
14) 1,2-Dichlorobenzene	7.76	146	85727	43.64	ng	92
15) Benzyl Alcohol	7.73	79	67171	43.58	ng	87
16) 2,2'-oxybis(1-Chloropropan	7.91	45	169805	45.22	ng	96
17) 2-Methylphenol	7.88	107	70114	44.82	ng	99
18) Hexachloroethane	8.18	117	30375	42.28	ng	# 71
19) n-Nitroso-di-n-propylamine	8.06	70	60287	45.06	ng	94
20) 3+4-Methylphenols	8.07	107	90007	43.94	ng	# 67
22) Acetophenone	8.06	105	127790	49.35	ng	# 95
24) Nitrobenzene	8.26	77	86939	45.82	ng	93
25) Isophorone	8.56	82	165749	44.34	ng	93
26) 2-Nitrophenol	8.66	139	42068	48.66	ng	# 79
27) 2,4-Dimethylphenol	8.72	122	73738	44.01	ng	98
28) bis(2-Chloroethoxy)methane	8.84	93	106593	46.79	ng	96
29) 2,4-Dichlorophenol	8.96	162	69682	47.47	ng	95
30) 1,2,4-Trichlorobenzene	9.06	180	68426	44.39	ng	# 96
31) Naphthalene	9.17	128	252440	47.17	ng	98
32) Benzoic acid	8.81	122	6388	6.31	ng	92
33) 4-Chloroaniline	9.24	127	20660	8.88	ng	96
34) Hexachlorobutadiene	9.32	225	36165	43.41	ng	98
35) Caprolactam	9.64	113	22568	46.39	ng	93
36) 4-Chloro-3-methylphenol	9.83	107	71843	44.60	ng	94
37) 2-Methylnaphthalene	10.02	142	175849	48.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	65747	48.08	ng	99
40) Hexachlorocyclopentadiene	10.21	237	71375	85.92	ng	99

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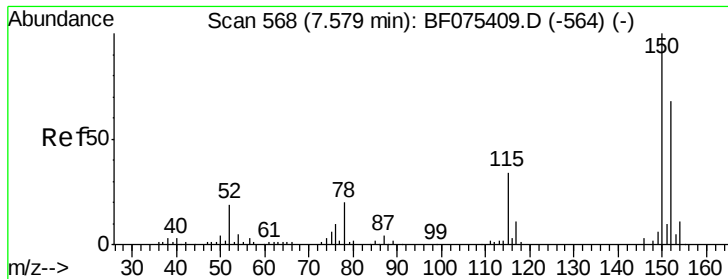
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.38	196	45229	41.59	ng	91
43) 2,4,5-Trichlorophenol	10.43	196	47836	42.23	ng	99
45) 1,1'-Biphenyl	10.61	154	210435	46.89	ng	96
46) 2-Chloronaphthalene	10.63	162	165214	47.09	ng	94
47) 2-Nitroaniline	10.76	65	50471	47.81	ng	# 62
48) Acenaphthylene	11.15	152	277156	47.91	ng	100
49) Dimethylphthalate	10.99	163	210375	46.26	ng	99
50) 2,6-Dinitrotoluene	11.07	165	40066	44.73	ng	# 58
51) Acenaphthene	11.36	154	156517	44.82	ng	99
52) 3-Nitroaniline	11.26	138	26134	24.74	ng	98
53) 2,4-Dinitrophenol	11.40	184	26090	58.83	ng	# 75
54) Dibenzofuran	11.58	168	236013	47.29	ng	# 87
55) 4-Nitrophenol	11.48	139	74362	88.07	ng	90
56) 2,4-Dinitrotoluene	11.56	165	56858	48.32	ng	# 83
57) Fluorene	12.00	166	195193	48.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	38839	43.20	ng	# 94
59) Diethylphthalate	11.87	149	201740	42.75	ng	97
60) 4-Chlorophenyl-phenylether	12.00	204	78881	45.45	ng	97
61) 4-Nitroaniline	12.03	138	44640	42.28	ng	# 76
62) Azobenzene	12.20	77	184391	44.41	ng	95
64) 4,6-Dinitro-2-methylphenol	12.06	198	21925	38.66	ng	# 65
65) n-Nitrosodiphenylamine	12.15	169	158911	44.81	ng	98
66) 4-Bromophenyl-phenylether	12.61	248	47032	44.59	ng	# 68
67) Hexachlorobenzene	12.68	284	55564	46.39	ng	96
68) Atrazine	12.81	200	45993	41.79	ng	99
69) Pentachlorophenol	12.93	266	49888	66.36	ng	97
70) Phenanthrene	13.20	178	283134	47.98	ng	99
71) Anthracene	13.26	178	288995	47.38	ng	100
72) Carbazole	13.47	167	282194	47.29	ng	99
73) Di-n-butylphthalate	13.90	149	341641	41.44	ng	99
74) Fluoranthene	14.68	202	312292	49.41	ng	96
76) Benzidine	14.85	184	85250	20.81	ng	98
77) Pyrene	14.96	202	319296	42.62	ng	98
79) Butylbenzylphthalate	15.77	149	155900	37.06	ng	96
80) Benzo(a)anthracene	16.45	228	290343	42.89	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	44346	17.74	ng	98
82) Chrysene	16.49	228	273482	46.71	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	245630	37.07	ng	99
84) Di-n-octyl phthalate	17.26	149	446386	38.26	ng	96
85) Indeno(1,2,3-cd)pyrene	19.74	276	349786m	49.25	ng	
87) Benzo(b)fluoranthene	17.72	252	337235	51.27	ng	98
88) Benzo(k)fluoranthene	17.75	252	255197m	43.23	ng	
89) Benzo(a)pyrene	18.12	252	286832	48.73	ng	97
90) Dibenzo(a,h)anthracene	19.77	278	301193	49.00	ng	97
91) Benzo(g,h,i)perylene	20.21	276	291418	49.76	ng	97

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

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: BF075574.D

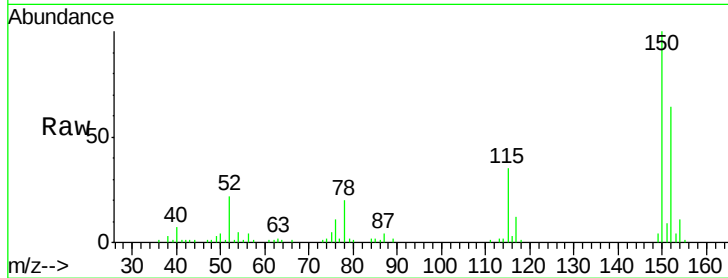
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

FS-005MS



Tgt Ion: 152 Resp: 28843

Ion Ratio Lower Upper

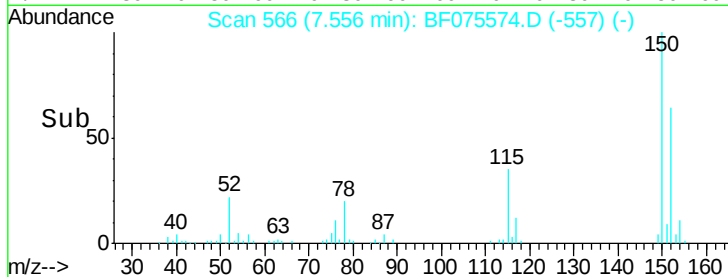
152 100

150 156.3 127.2 190.8

115 54.5 57.1 85.7#

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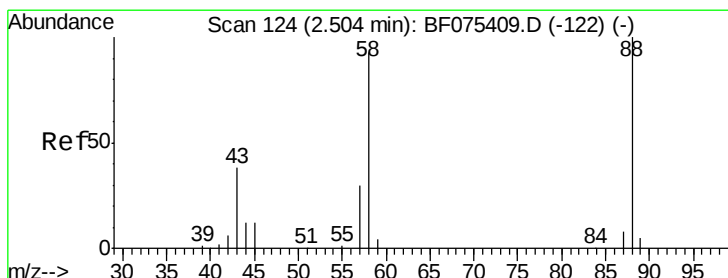
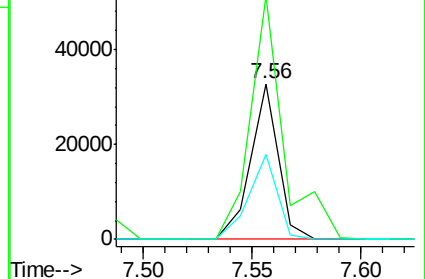
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.70 ng

RT: 2.46 min Scan# 120

Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

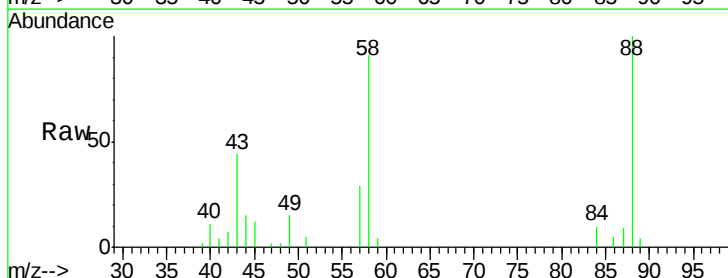
Tgt Ion: 88 Resp: 27896

Ion Ratio Lower Upper

88 100

58 95.5 73.5 110.3

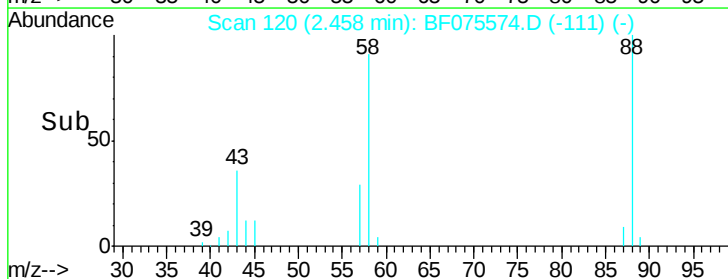
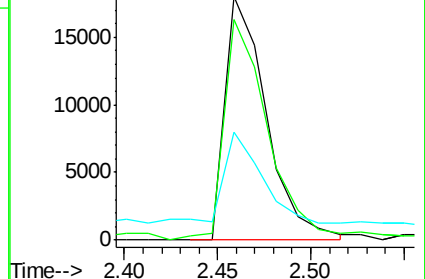
43 35.2 31.9 47.9

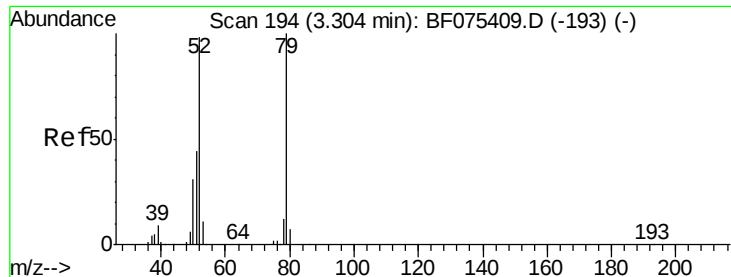


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.72 ng m

RT: 3.27 min Scan# 191

Delta R.T. 0.01 min

Lab File: BF075574.D

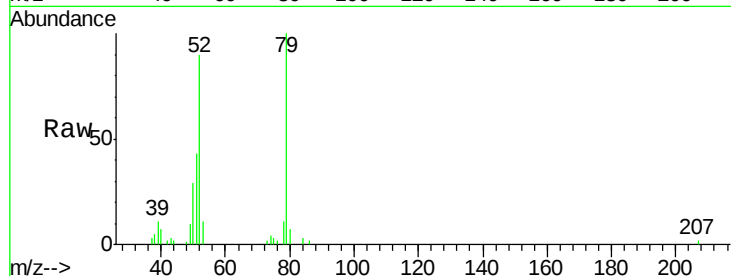
Acq: 16 Nov 2014 10:16

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BNA_F

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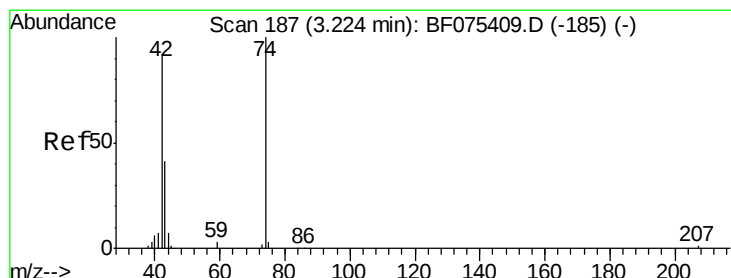
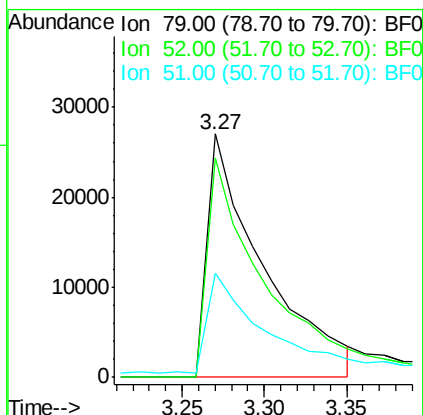
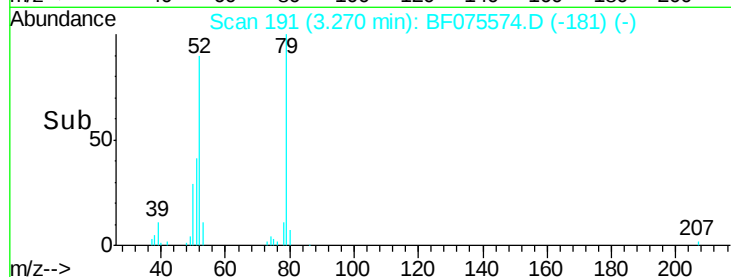
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Tgt Ion:	79	Resp:	63946
Ion	Ratio	Lower	Upper
79	100		
52	90.2	76.6	115.0
51	42.7	37.0	55.4

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#4

n-Nitrosodimethylamine

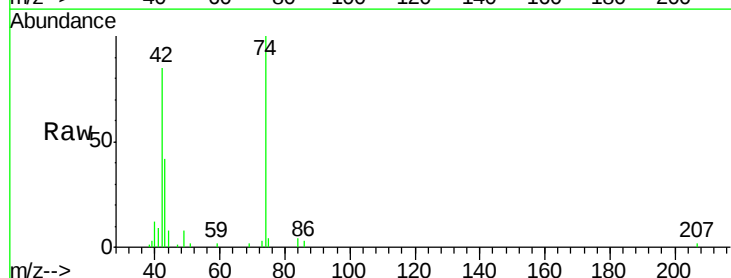
Concen: 36.20 ng

RT: 3.18 min Scan# 183

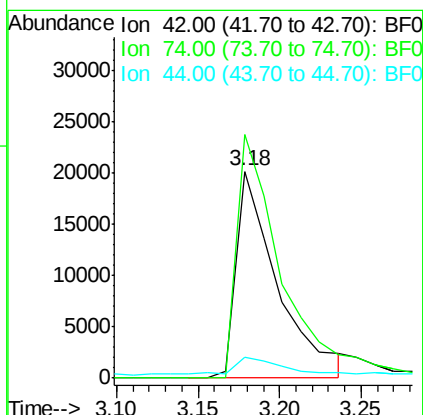
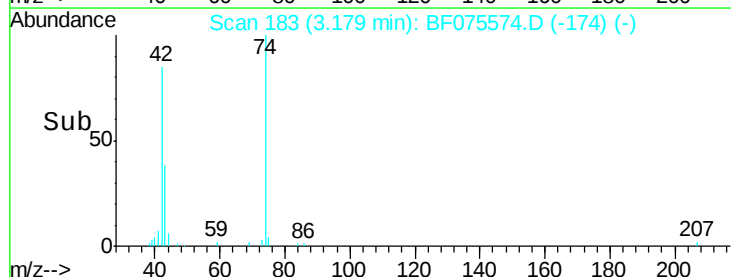
Delta R.T. -0.00 min

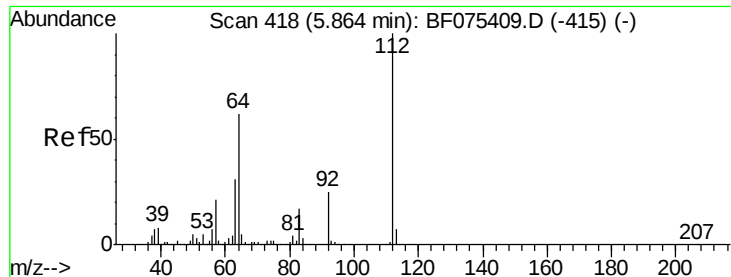
Lab File: BF075574.D

Acq: 16 Nov 2014 10:16



Tgt Ion:	42	Resp:	35286
Ion	Ratio	Lower	Upper
42	100		
74	117.8	82.4	123.6
44	10.0	8.2	12.4





#5

2-Fluorophenol

Concen: 144.95 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF075574.D

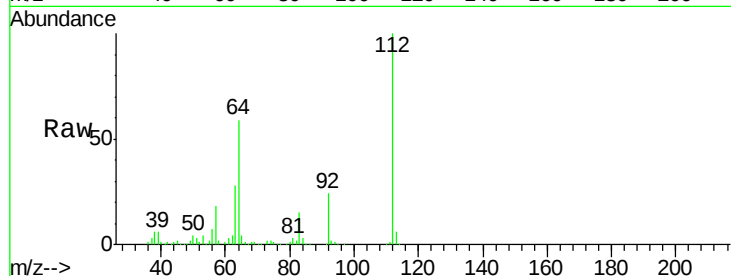
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

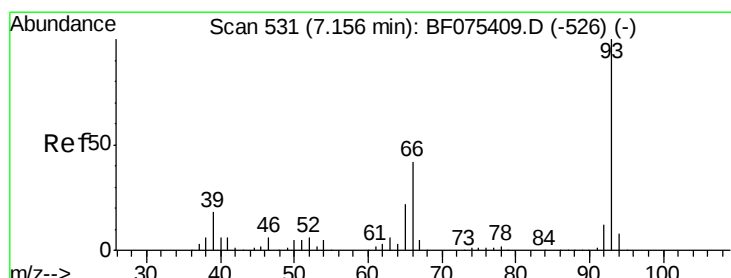
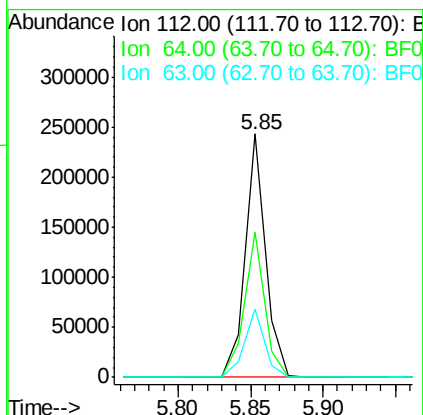
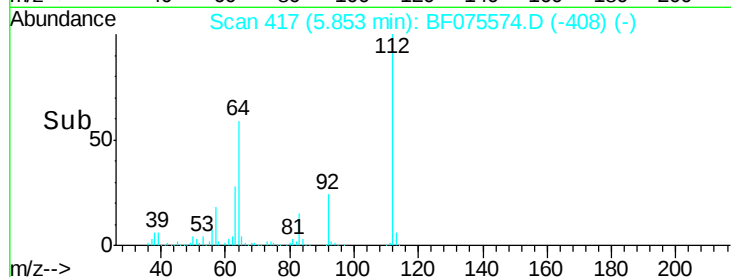
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Tgt Ion:	112	Resp:	236663
Ion Ratio	Lower	Upper	
112	100		
64	59.4	45.8	68.6
63	28.1	22.7	34.1

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#6

Aniline

Concen: 7.25 ng

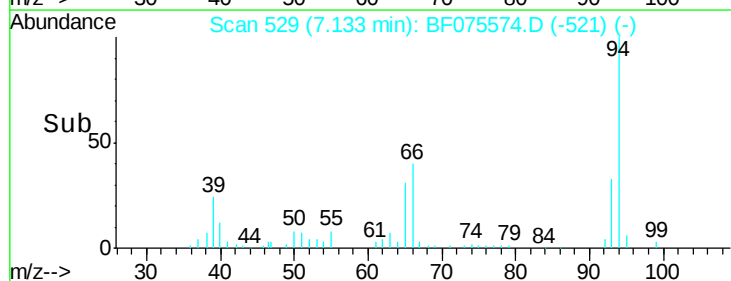
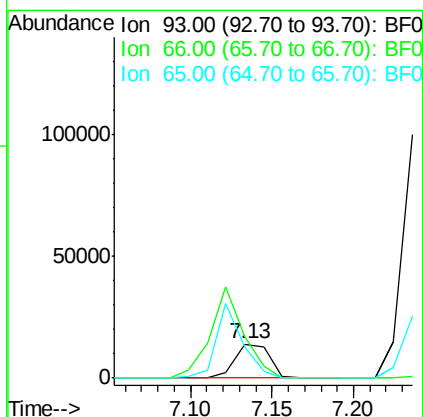
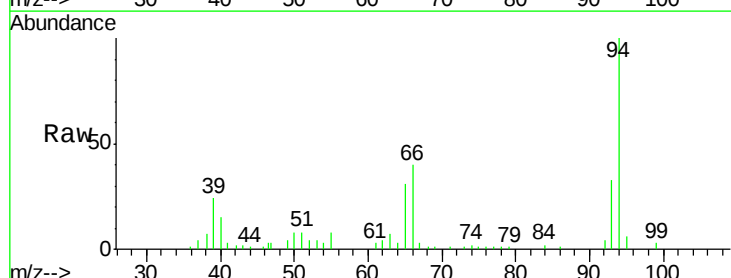
RT: 7.13 min Scan# 529

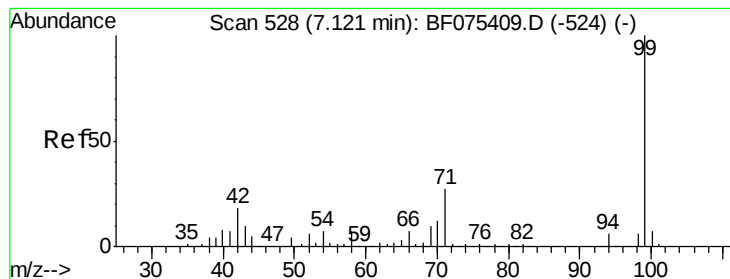
Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	93	Resp:	20550
Ion Ratio	Lower	Upper	
93	100		
66	123.1	31.8	47.8#
65	93.8	16.6	25.0#





#7

Phenol-d6

Concen: 151.98 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

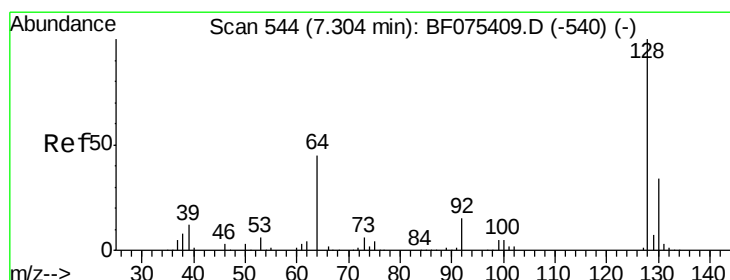
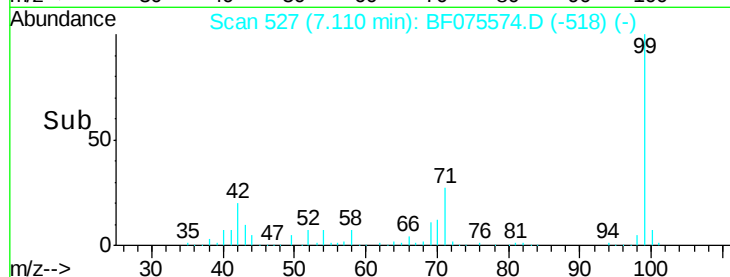
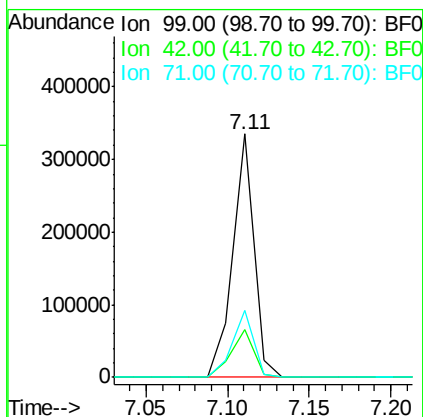
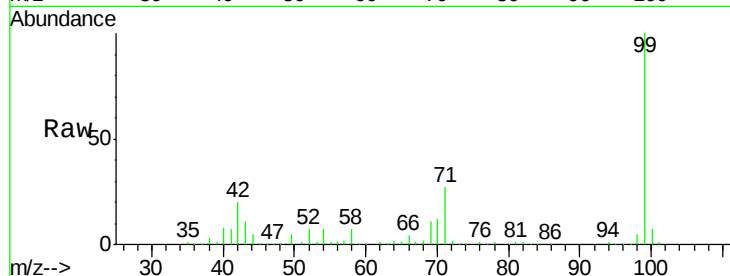
ClientSampleId :

FS-005MS

Tgt Ion:	99	Resp:	298385
Ion Ratio	Lower	Upper	
99	100		
42	19.7	19.8	29.6#
71	27.5	25.5	38.3

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#8

2-Chlorophenol

Concen: 44.01 ng

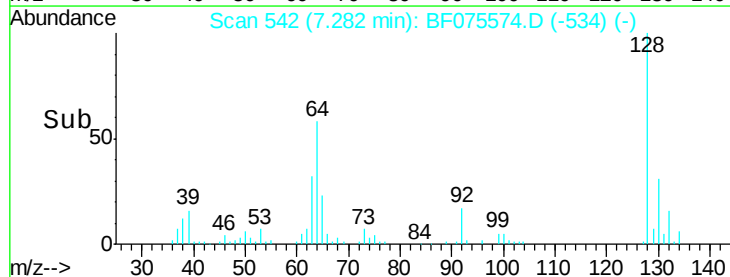
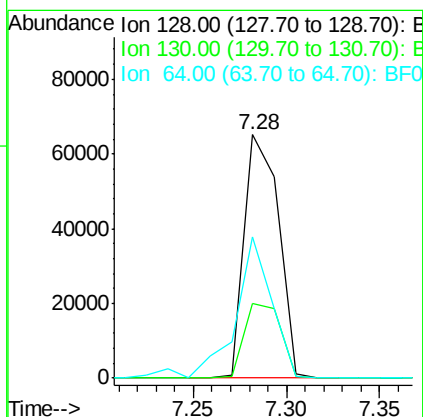
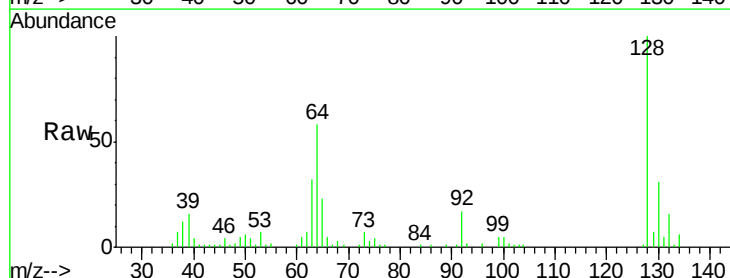
RT: 7.28 min Scan# 542

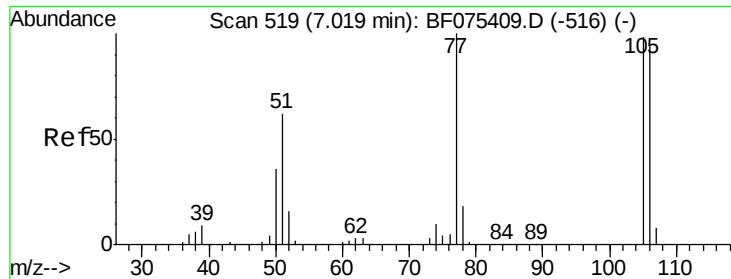
Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	128	Resp:	83166
Ion Ratio	Lower	Upper	
128	100		
130	30.8	12.7	52.7
64	57.8	20.3	60.3





#9

Benzaldehyde

Concen: 2.93 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF075574.D

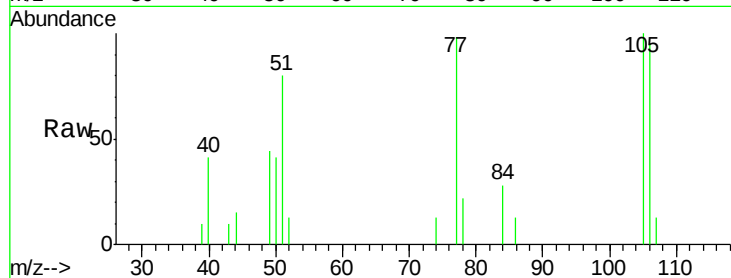
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 3868

Ion Ratio Lower Upper

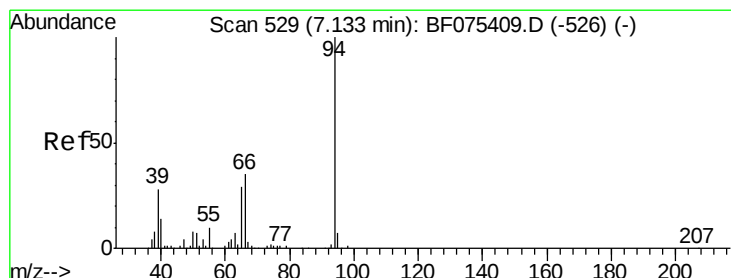
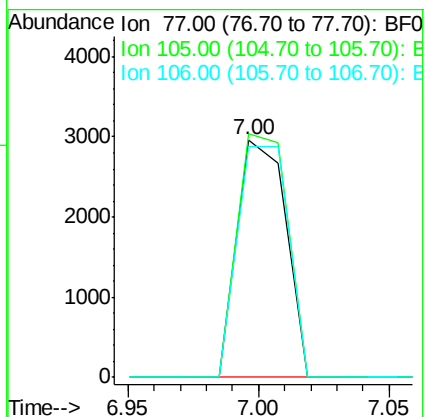
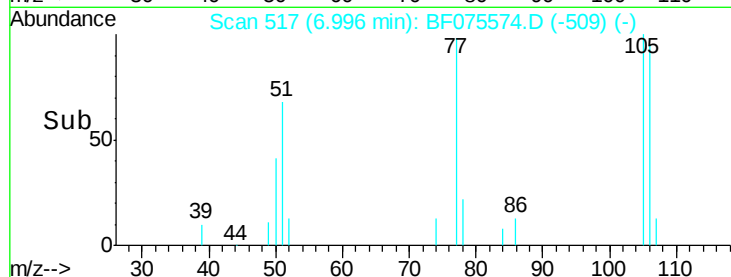
77 100

105 102.4 81.6 121.6

106 97.0 77.5 117.5

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#10

Phenol

Concen: 44.12 ng

RT: 7.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

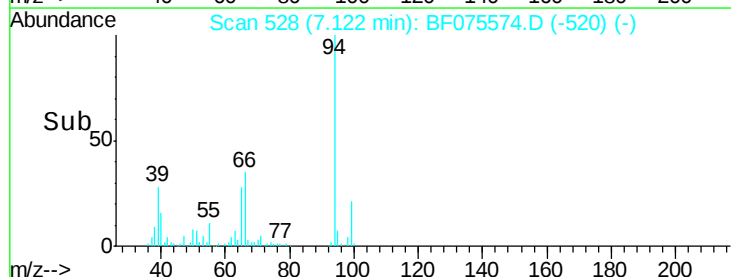
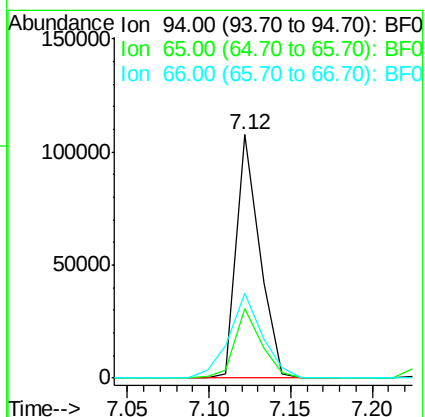
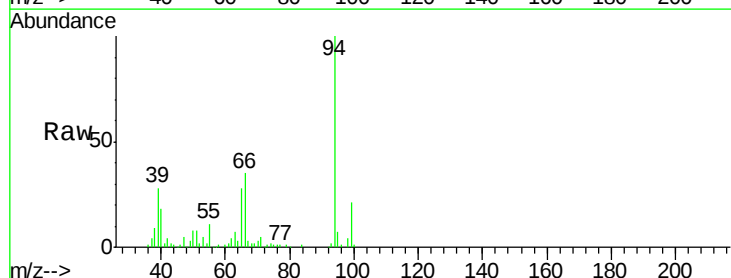
Tgt Ion: 94 Resp: 105664

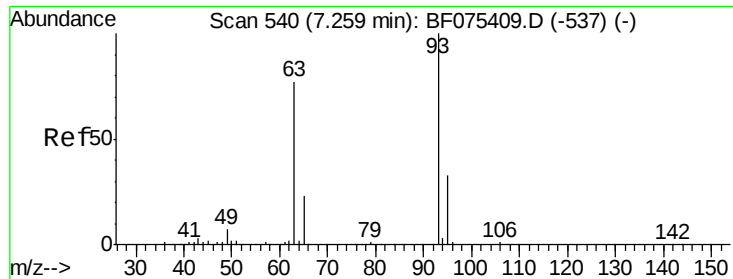
Ion Ratio Lower Upper

94 100

65 28.4 13.1 53.1

66 34.9 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 47.06 ng

RT: 7.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

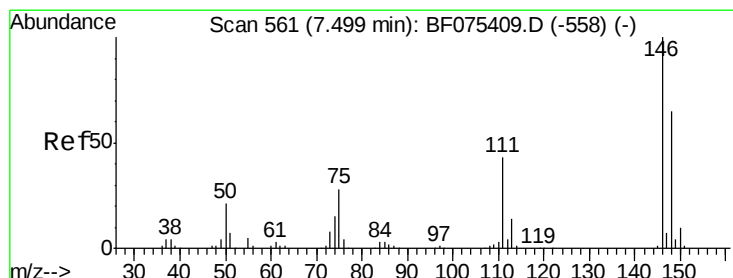
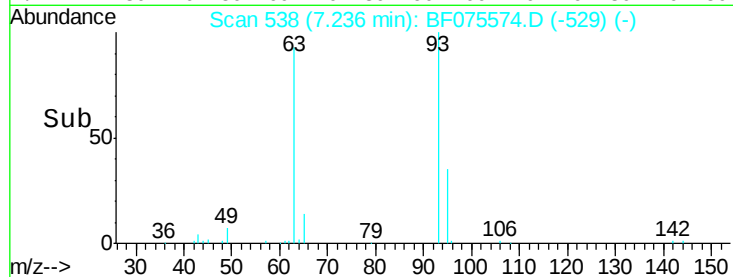
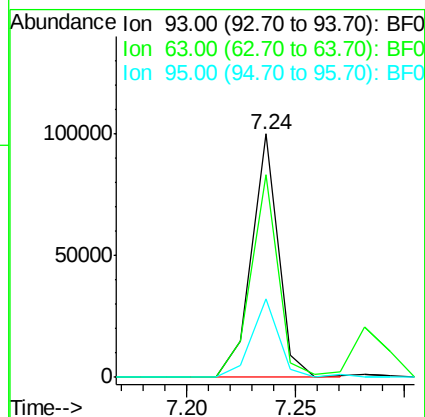
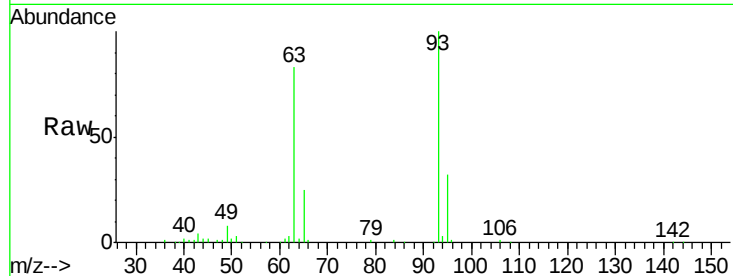
ClientSampleId :

FS-005MS

Tgt Ion:	93	Resp:	85379
Ion	Ratio	Lower	Upper
93	100		
63	83.1	79.8	119.8
95	32.3	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 42.89 ng

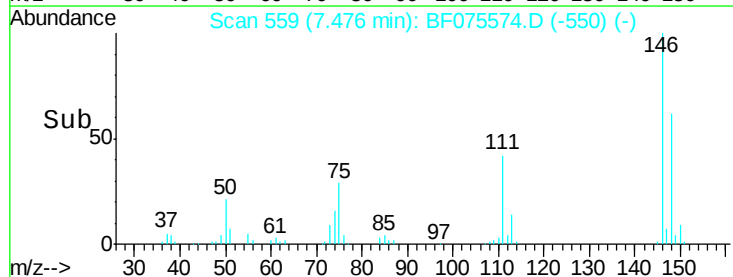
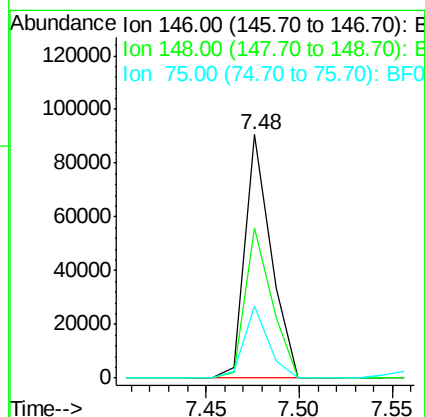
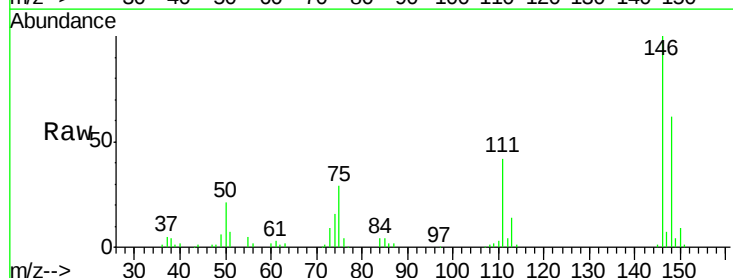
RT: 7.48 min Scan# 559

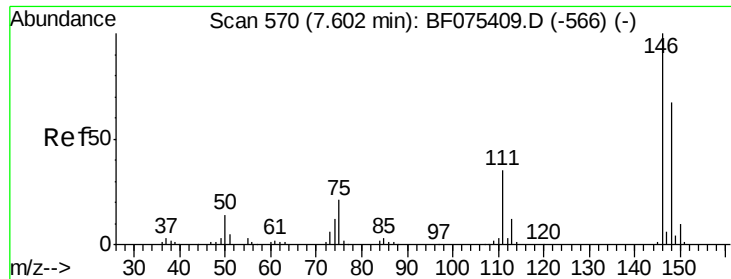
Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	146	Resp:	88312
Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.1	79.7
75	29.4	21.5	32.3





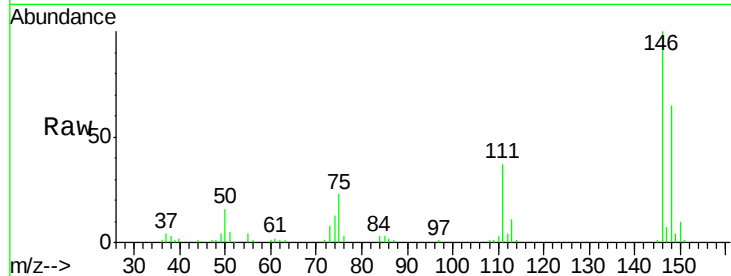
#13
 1,4-Dichlorobenzene
 Concen: 44.15 ng
 RT: 7.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

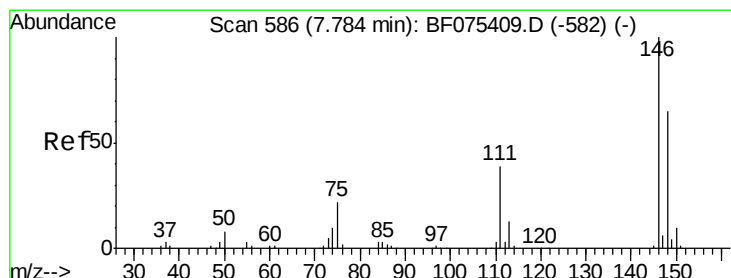
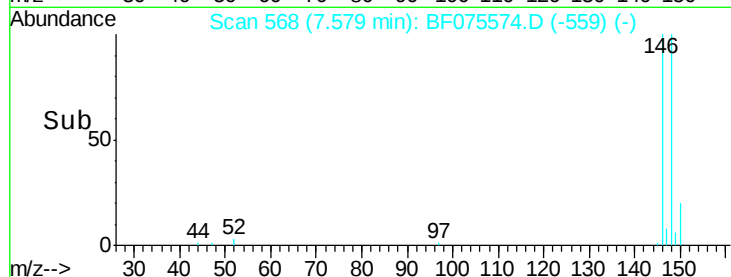
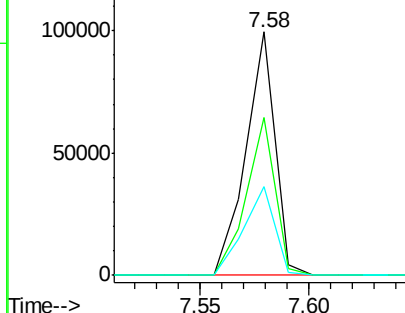
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.9	74.9
111	36.6	35.8	53.6

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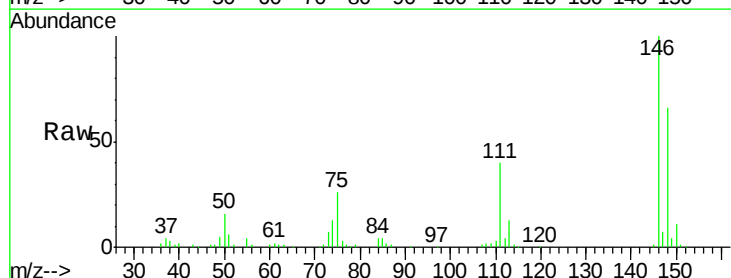


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

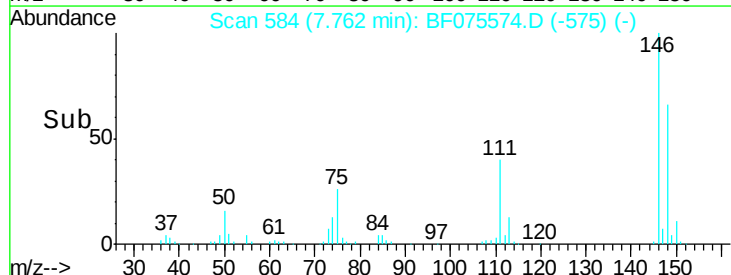
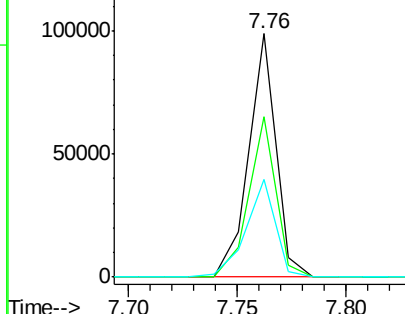


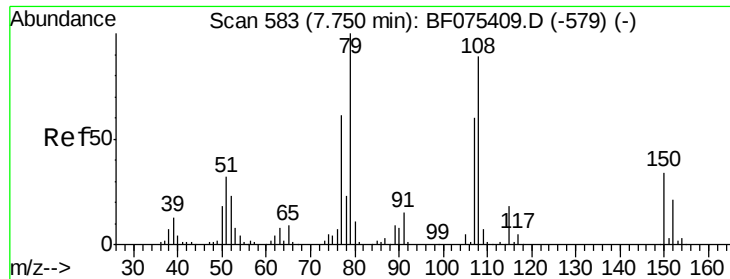
#14
 1,2-Dichlorobenzene
 Concen: 43.64 ng
 RT: 7.76 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.7	76.1
111	40.1	39.9	59.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.58 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

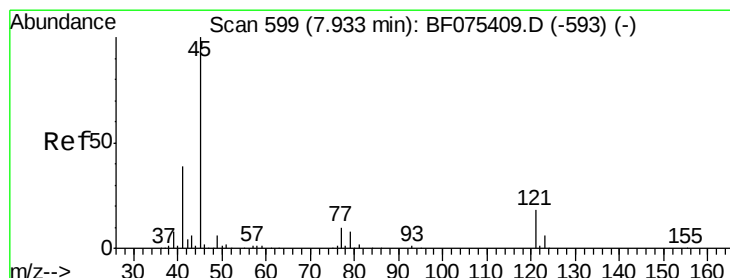
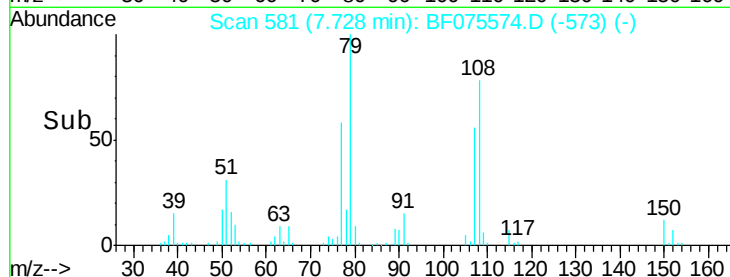
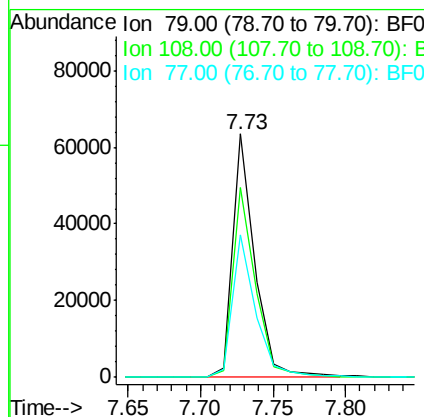
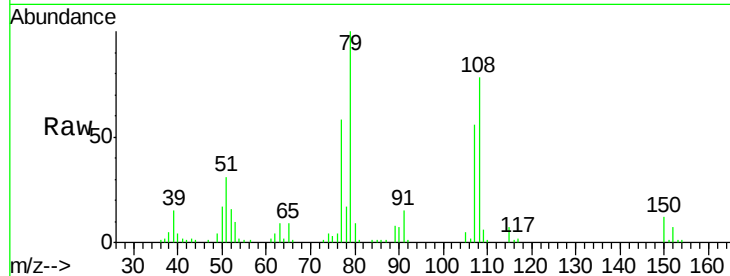
ClientSampleId :

FS-005MS

Tgt Ion:	79	Resp:	67171
Ion Ratio	Lower	Upper	
79	100		
108	78.2	75.5	113.3
77	58.3	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.22 ng

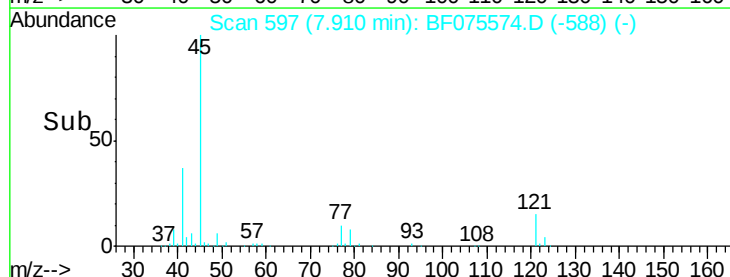
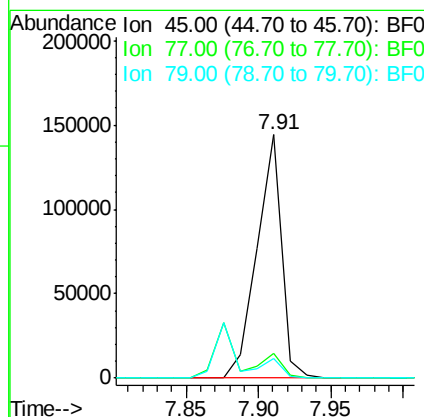
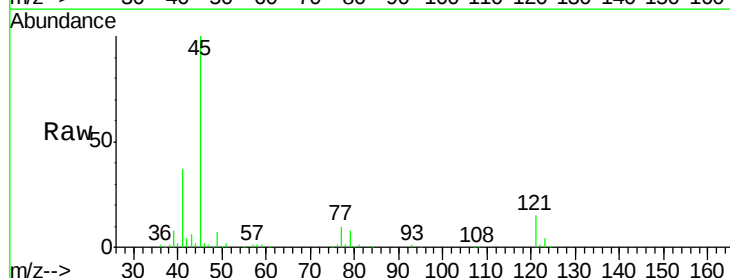
RT: 7.91 min Scan# 597

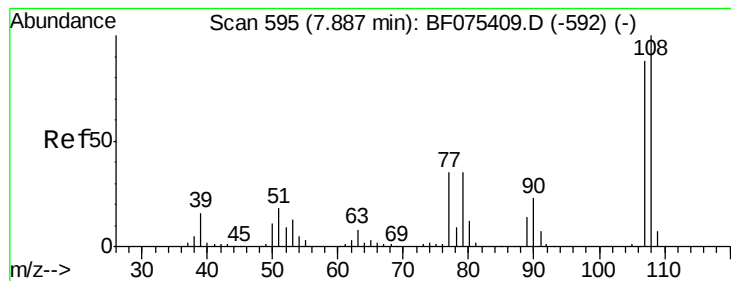
Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	45	Resp:	169805
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	28.6
79	7.9	0.0	26.5





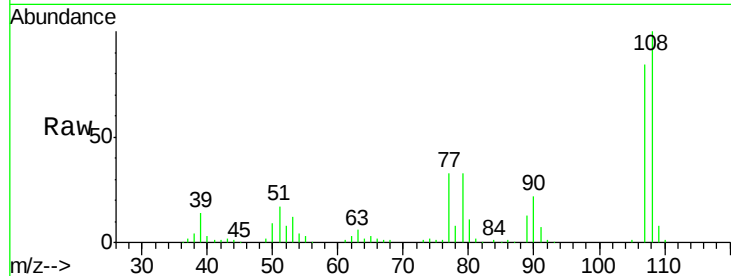
#17
2-Methylphenol
Concen: 44.82 ng
RT: 7.88 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion:	107	Resp:	70114
Ion Ratio	Lower	Upper	
107	100		
108	119.7	95.6	143.4
77	39.6	30.2	45.4
79	39.2	31.3	46.9

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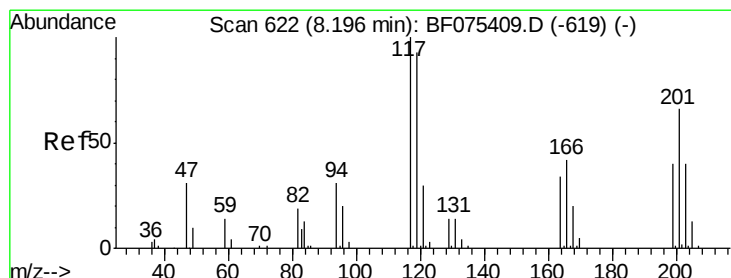
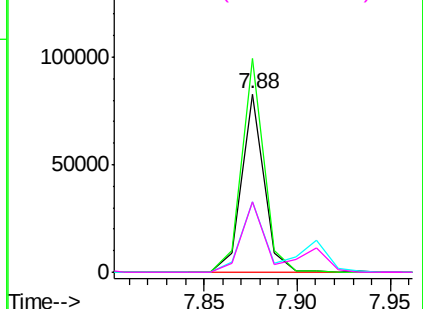
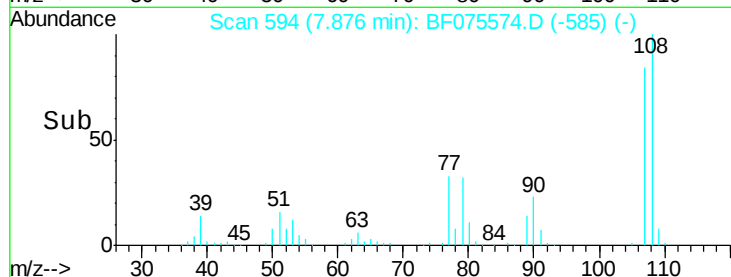
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

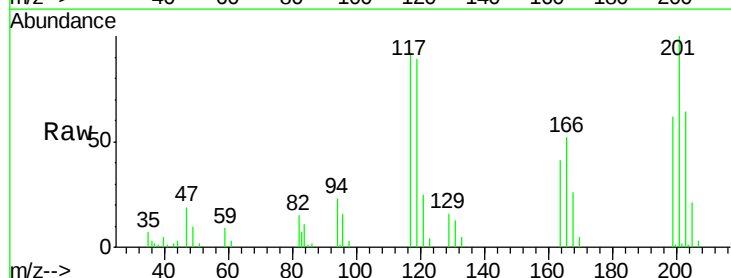
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.28 ng
RT: 8.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion:	117	Resp:	30375
Ion Ratio	Lower	Upper	
117	100		
119	96.6	72.9	109.3
201	109.1	48.2	72.4#

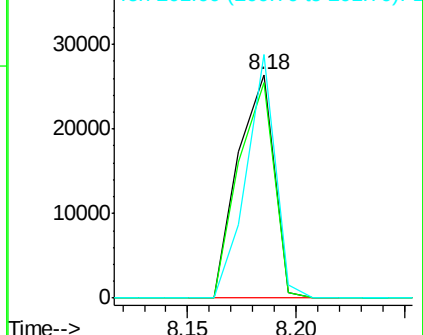
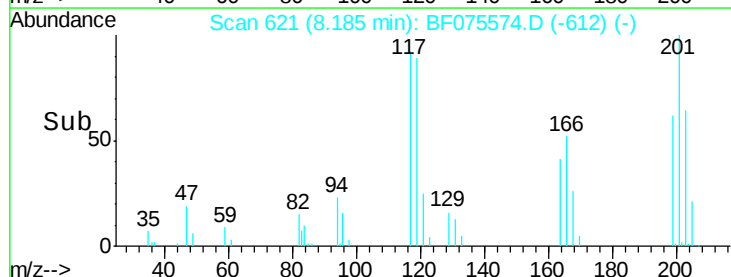


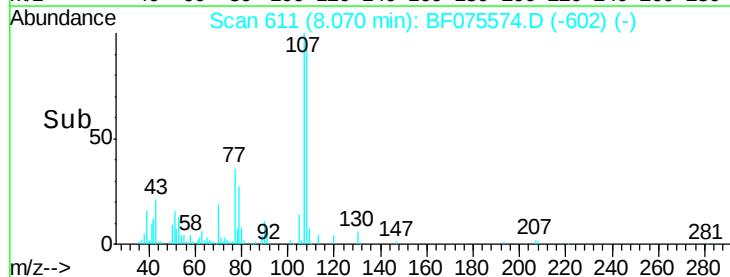
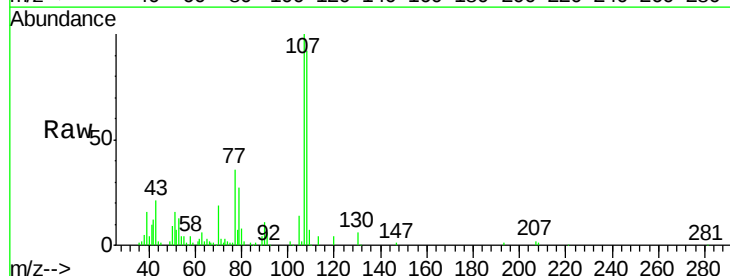
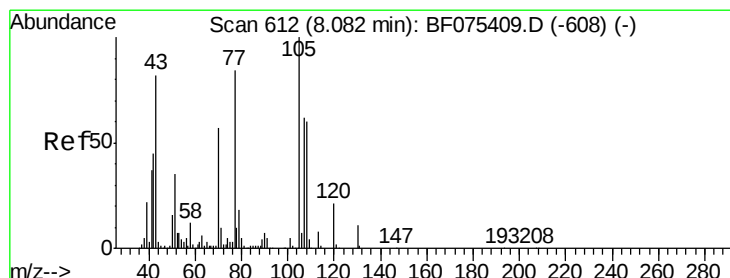
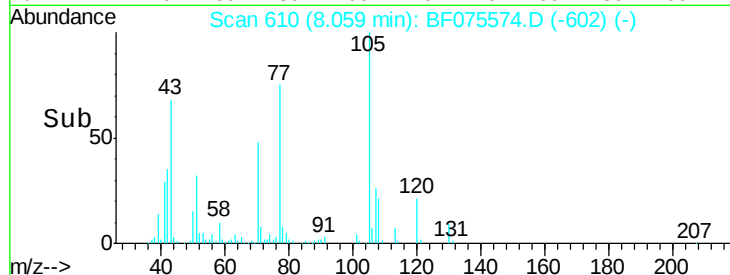
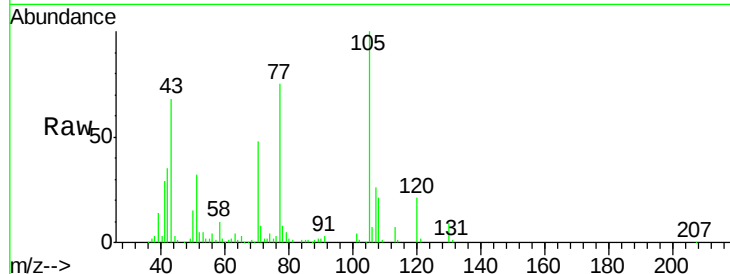
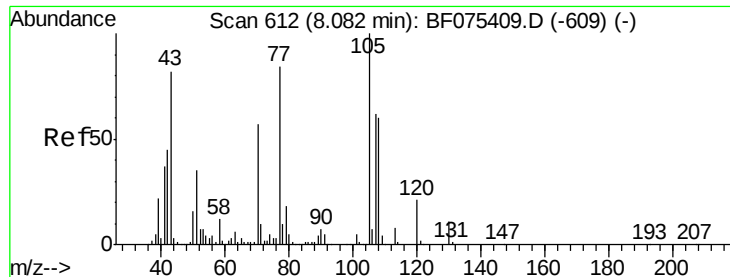
Abundance

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

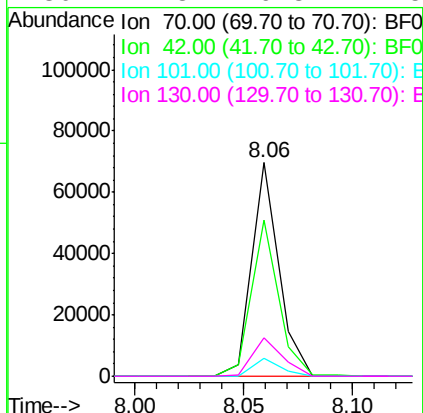




#19
n-Nitroso-di-n-propylamine
Concen: 45.06 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.0	63.0	94.6
101	8.2	7.5	11.3
130	17.8	16.3	24.5

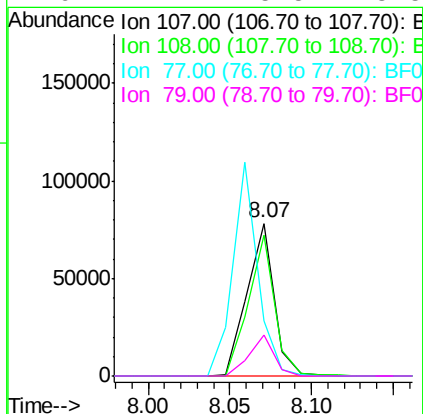


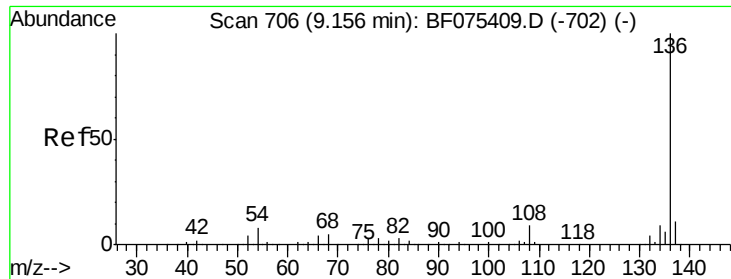
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#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 8.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.6	109.6
77	35.7	84.4	124.4#
79	27.2	5.5	45.5





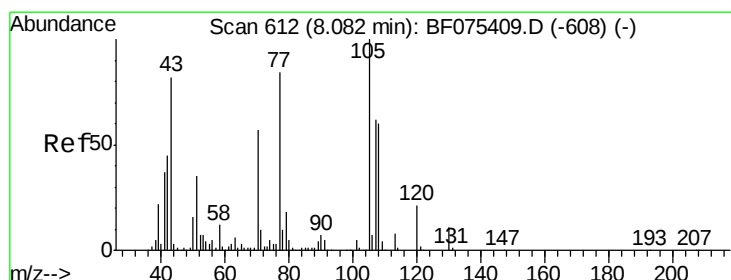
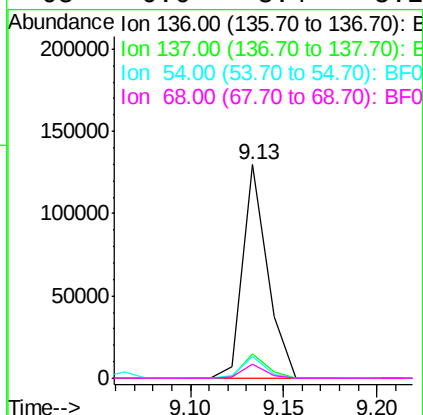
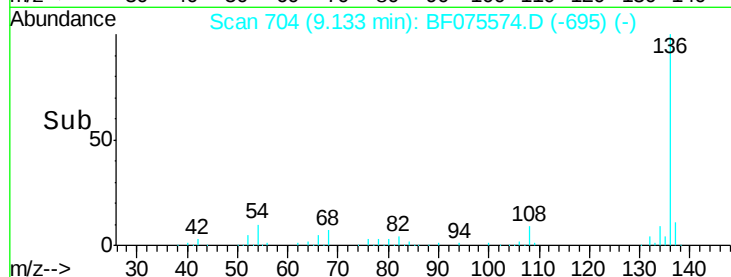
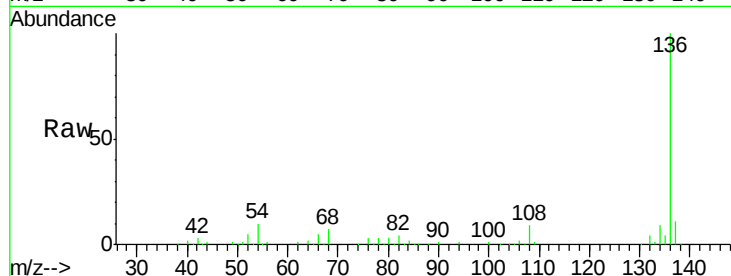
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	120039		
137	11.3	8.2	12.4	
54	10.1	6.2	9.4#	
68	6.6	3.4	5.2#	

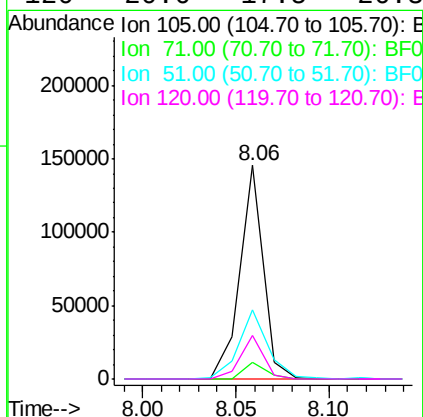
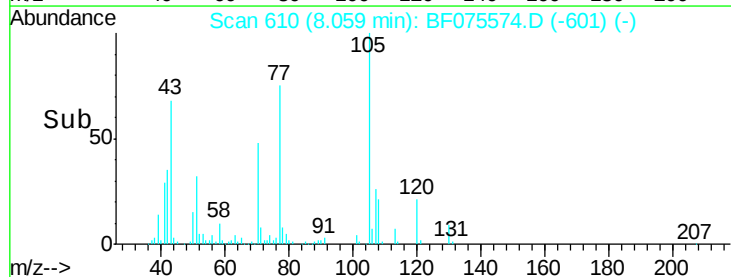
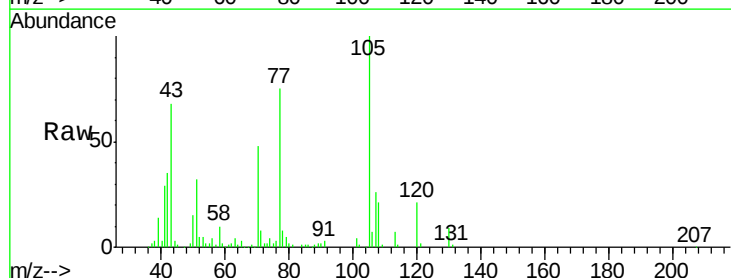
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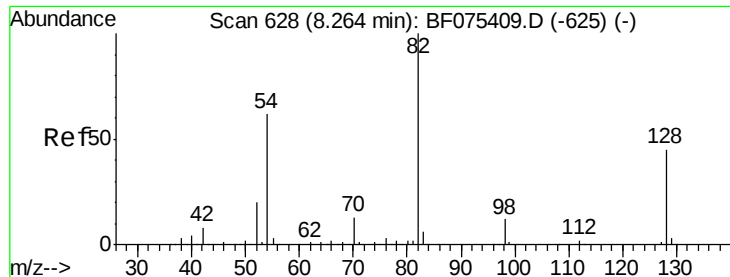
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#22
Acetophenone
Concen: 49.35 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	127790		
71	7.6	10.5	15.7#	
51	32.3	24.2	36.2	
120	20.6	17.5	26.3	





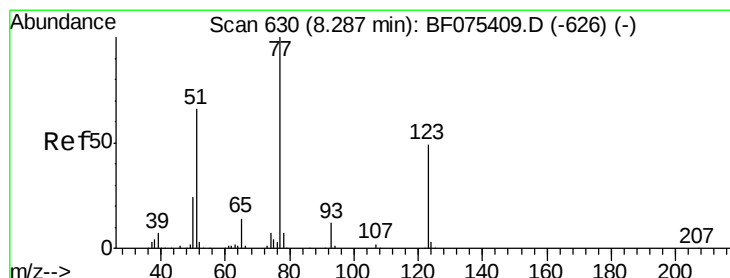
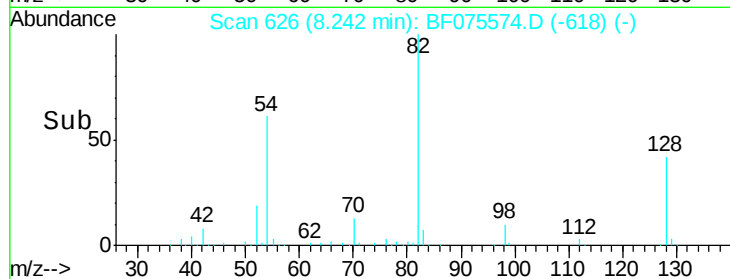
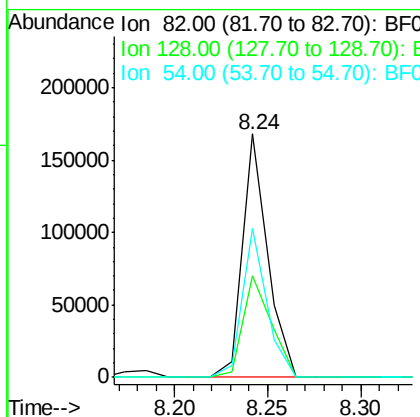
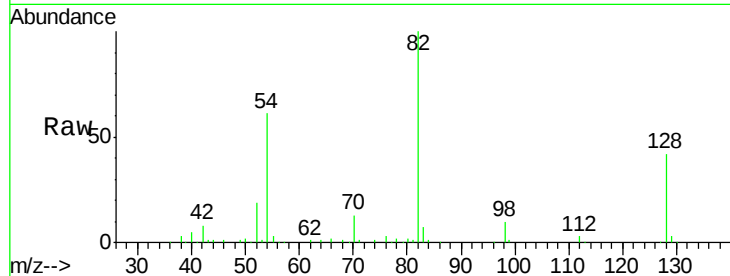
#23
 Nitrobenzene-d5
 Concen: 96.34 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	157732		
128	41.8	37.8	56.6	
54	60.9	49.8	74.8	

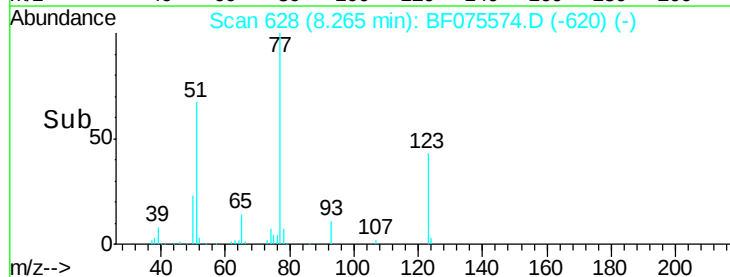
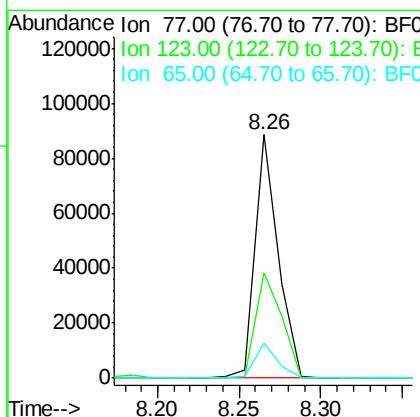
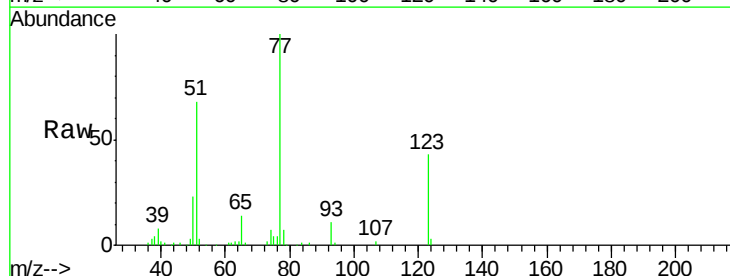
Manual Integrations
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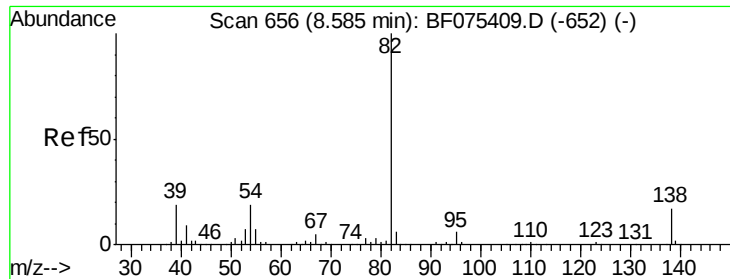
mohammad
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#24
 Nitrobenzene
 Concen: 45.82 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	86939		
123	43.5	39.0	58.4	
65	14.4	10.6	15.8	





#25

Isophorone

Concen: 44.34 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

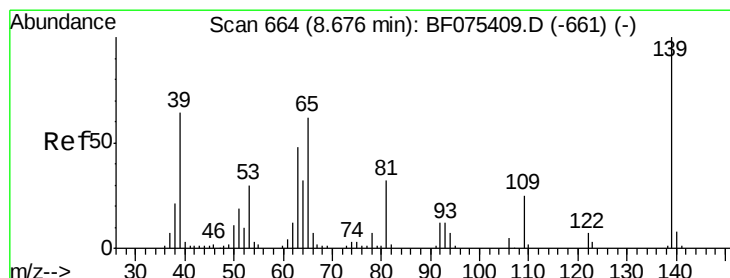
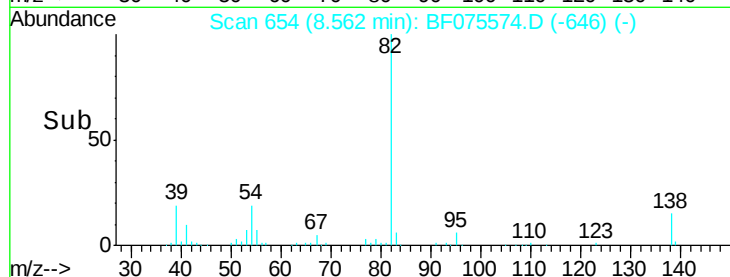
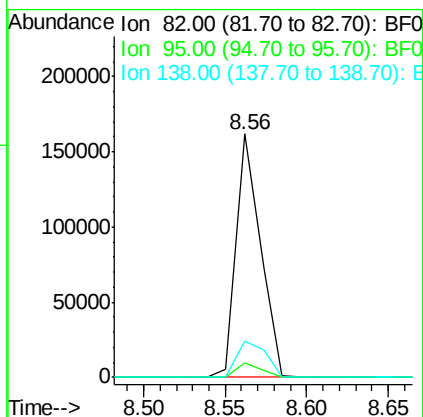
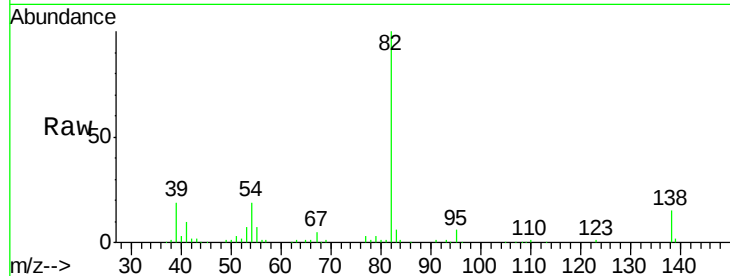
ClientSampleId :

FS-005MS

Tgt Ion:	82	Resp:	165749
Ion Ratio	Lower	Upper	
82	100		
95	5.9	5.2	7.8
138	15.1	15.0	22.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.66 ng

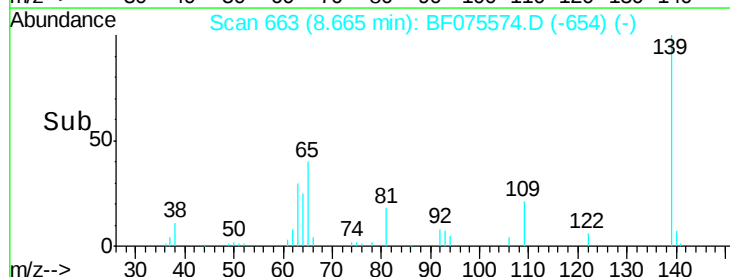
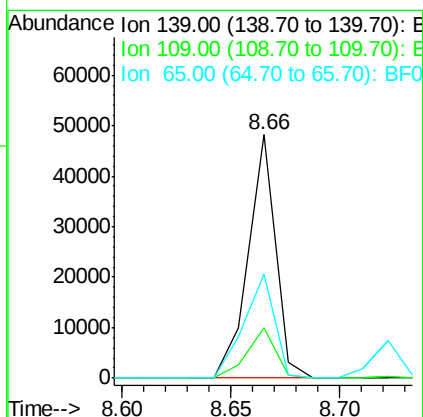
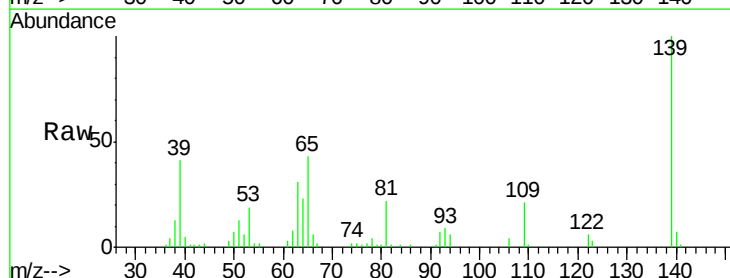
RT: 8.66 min Scan# 663

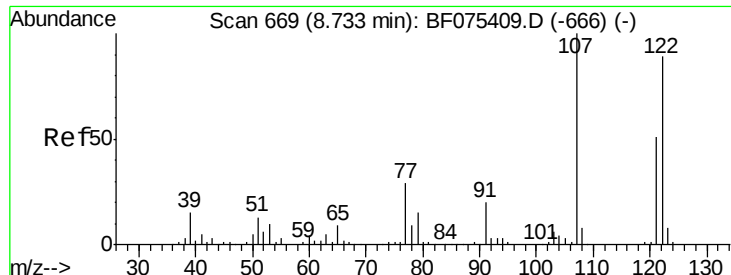
Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	139	Resp:	42068
Ion Ratio	Lower	Upper	
139	100		
109	20.9	22.3	33.5#
65	42.7	49.1	73.7#





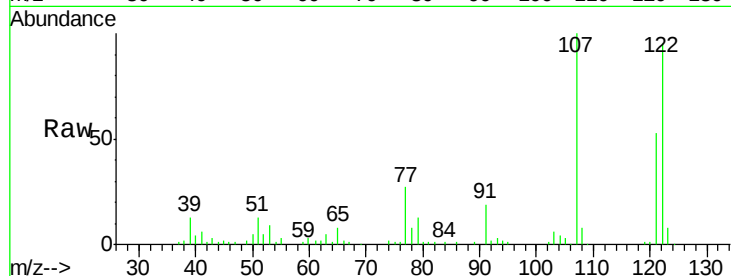
#27
 2,4-Dimethylphenol
 Concen: 44.01 ng
 RT: 8.72 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.1	86.5	129.7
121	56.2	45.4	68.2

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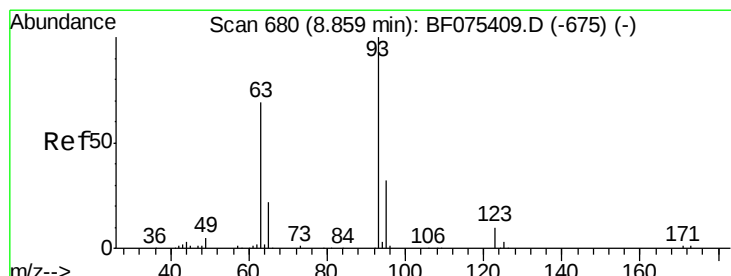
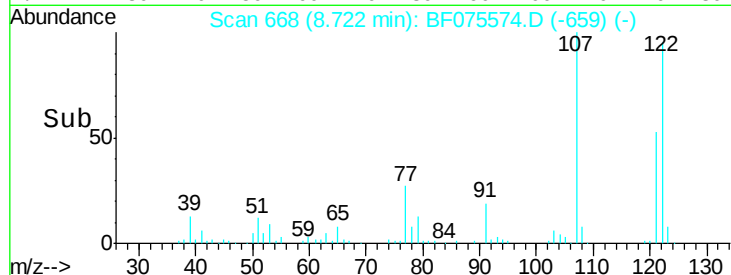
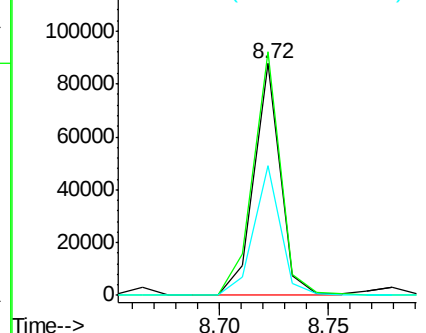


Abundance

Ion 122.00 (121.70 to 122.70): E

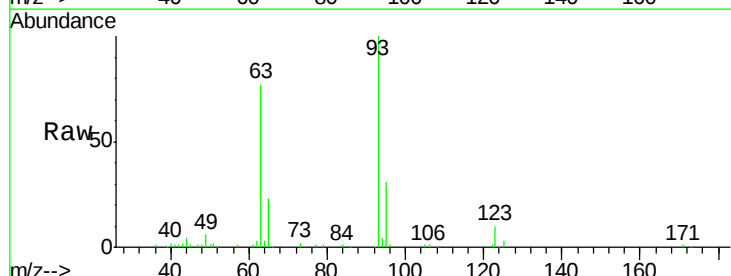
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.79 ng
 RT: 8.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	26.2	39.4
123	9.5	8.8	13.2

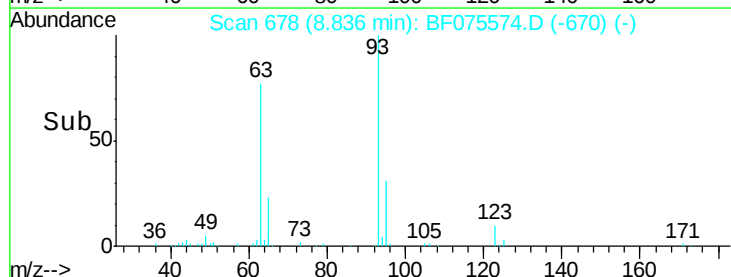
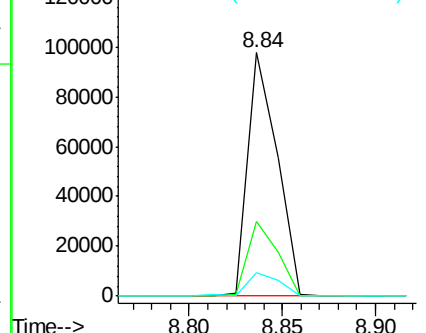


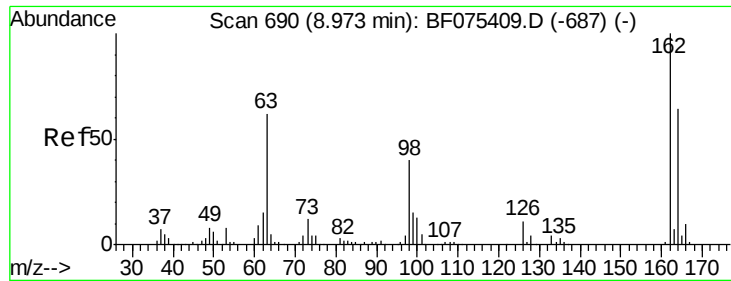
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





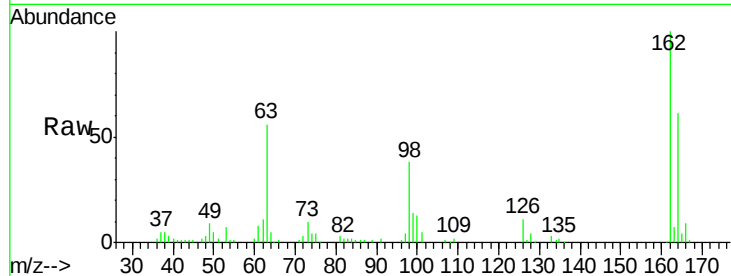
#29
2,4-Dichlorophenol
Concen: 47.47 ng
RT: 8.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

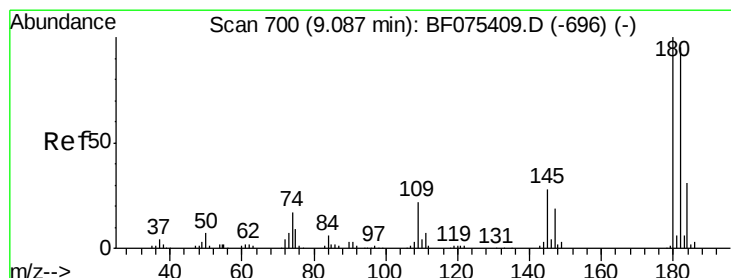
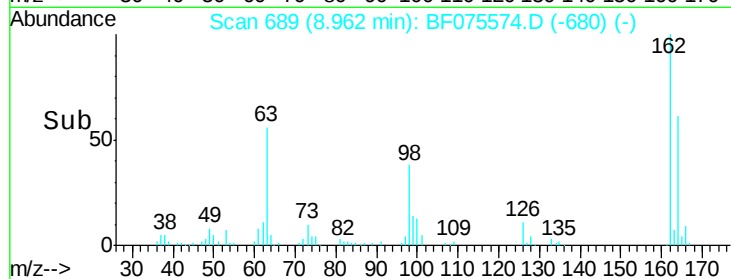
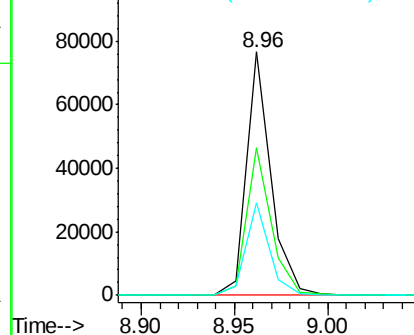
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	69682		
164	60.8	43.8	83.8	
98	38.0	14.6	54.6	

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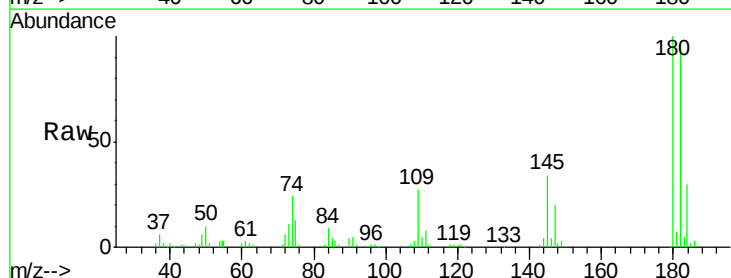


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

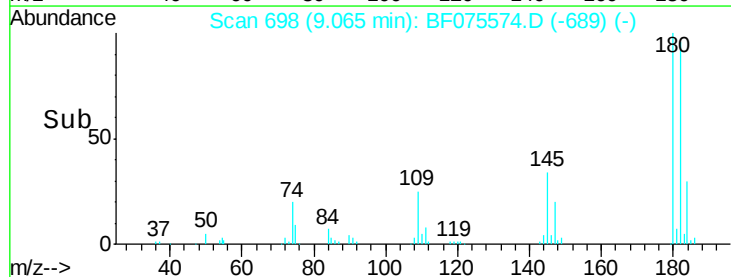
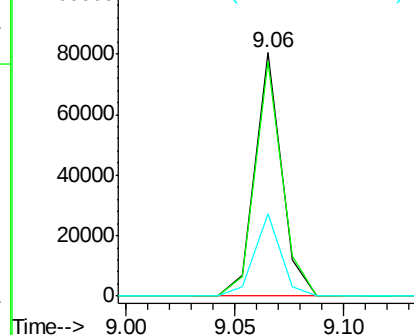


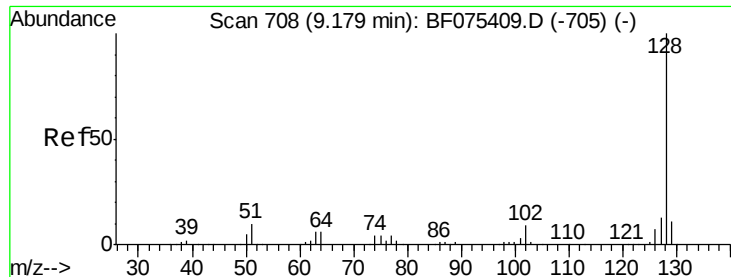
#30
1,2,4-Trichlorobenzene
Concen: 44.39 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68426		
182	96.1	78.4	117.6	
145	33.6	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





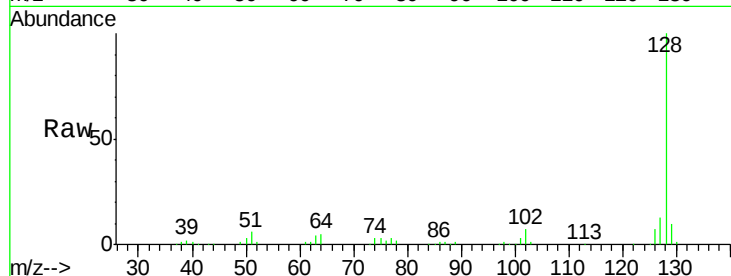
#31
Naphthalene
Concen: 47.17 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

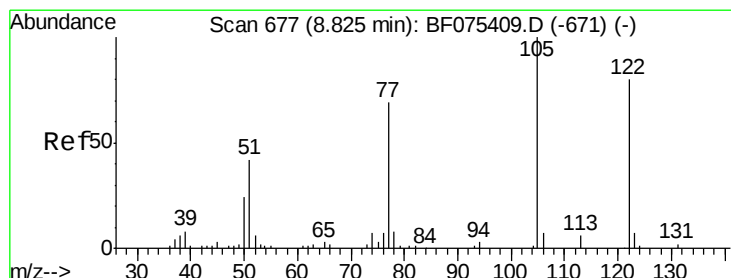
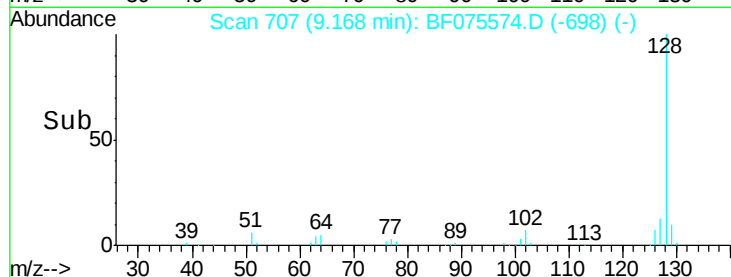
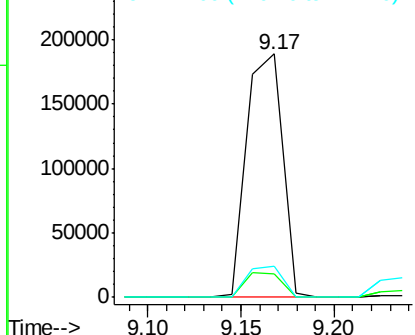
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	252440		
129	9.8	9.0	13.4	
127	13.0	10.2	15.4	

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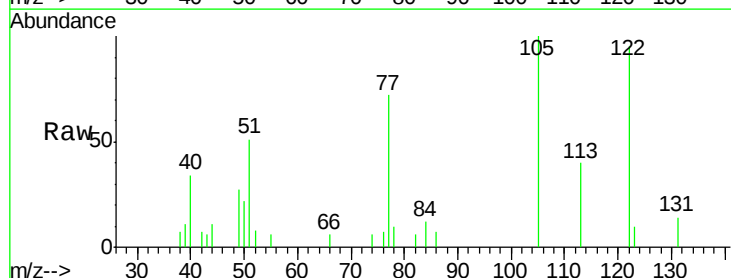


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

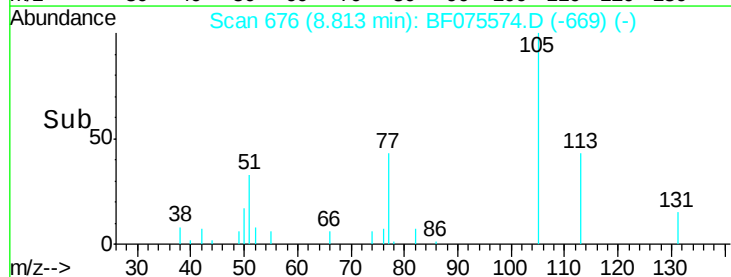
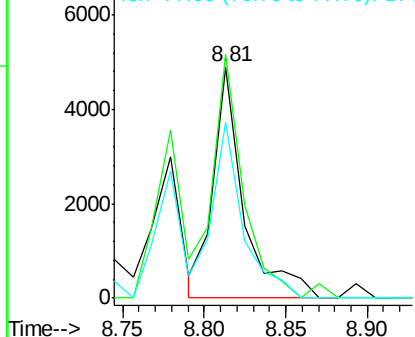


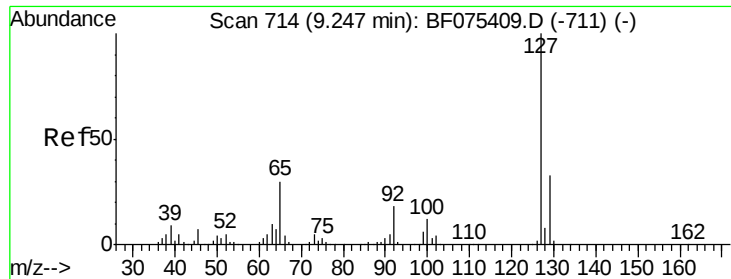
#32
Benzoic acid
Concen: 6.31 ng
RT: 8.81 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	6388		
105	105.5	95.1	135.1	
77	76.1	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





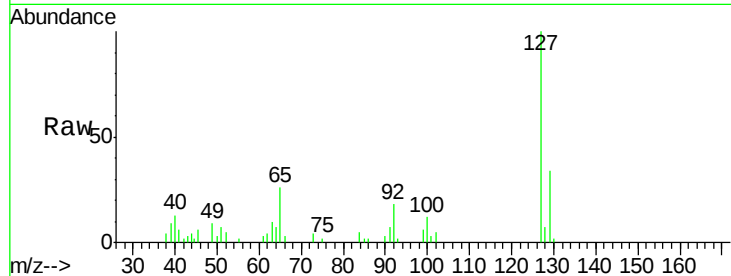
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 9.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

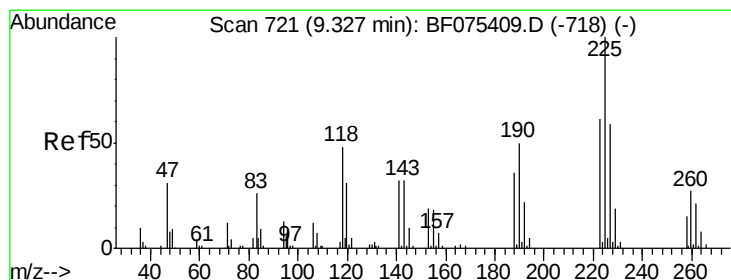
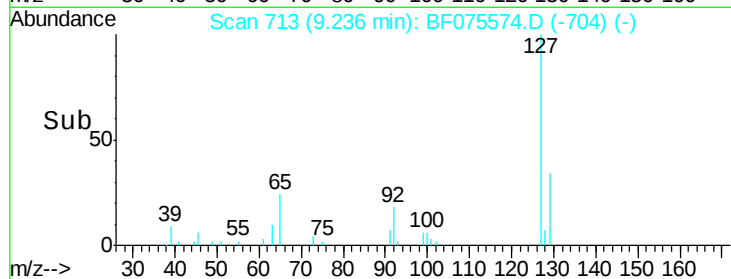
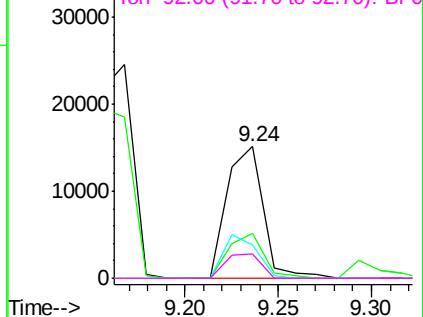
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	20660		
129	34.3	25.5	38.3	
65	25.8	22.8	34.2	
92	18.0	13.8	20.6	

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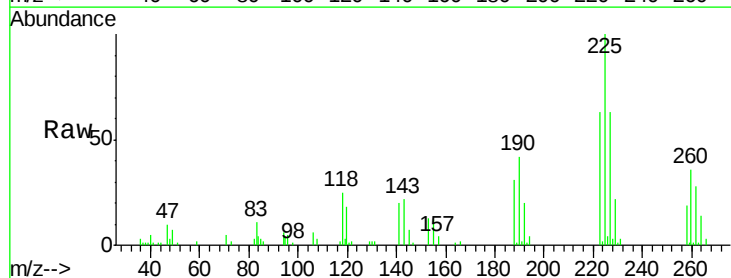


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

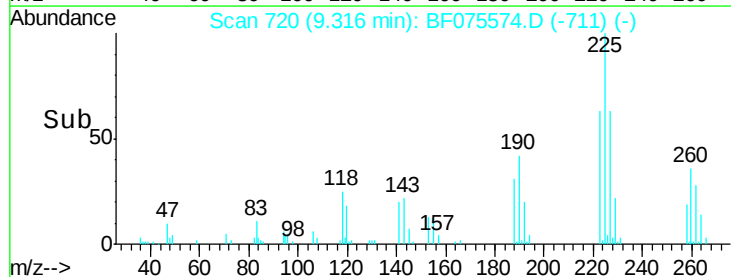
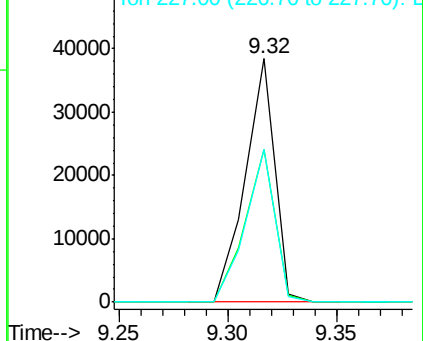


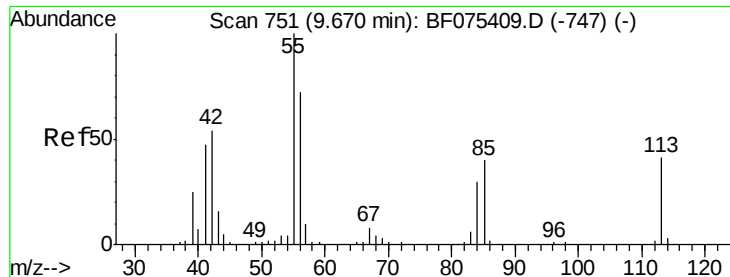
#34
Hexachlorobutadiene
Concen: 43.41 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36165		
223	62.7	51.0	76.6	
227	62.6	48.6	73.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.39 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF075574.D

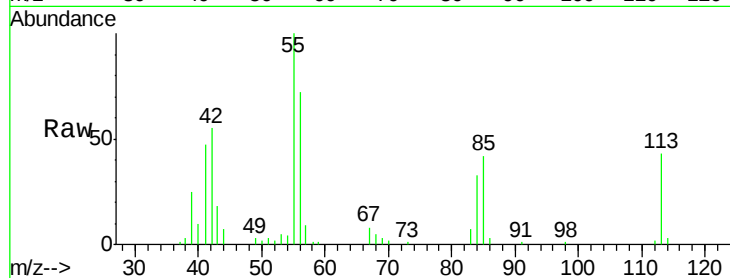
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

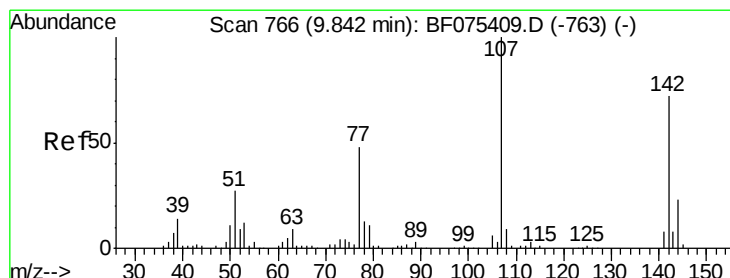
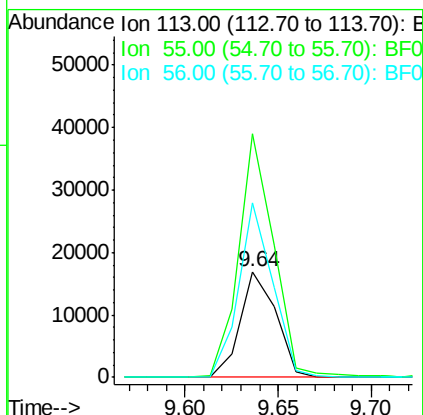
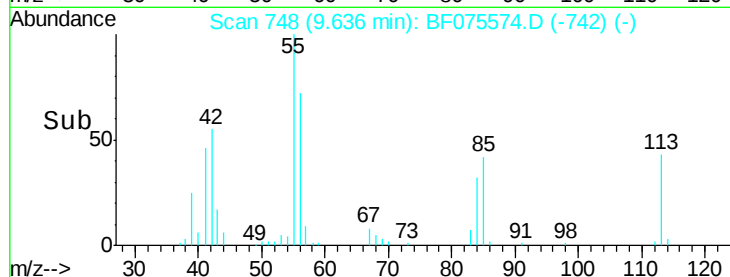
FS-005MS



Tgt Ion:	113	Resp:	22568
Ion Ratio	Lower	Upper	
113	100		
55	230.3	226.9	266.9
56	165.6	148.4	188.4

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#36

4-Chloro-3-methylphenol

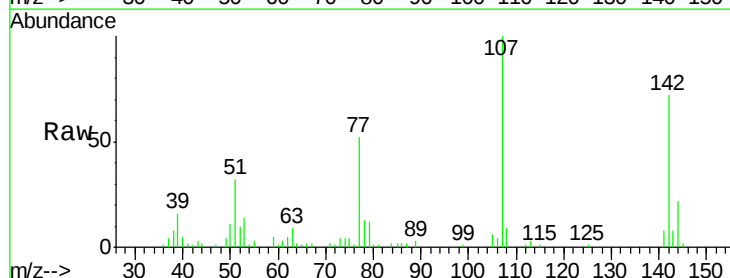
Concen: 44.60 ng

RT: 9.83 min Scan# 765

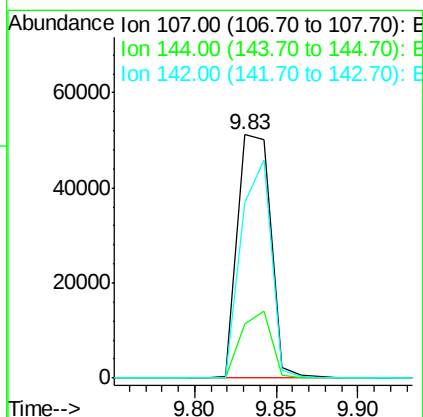
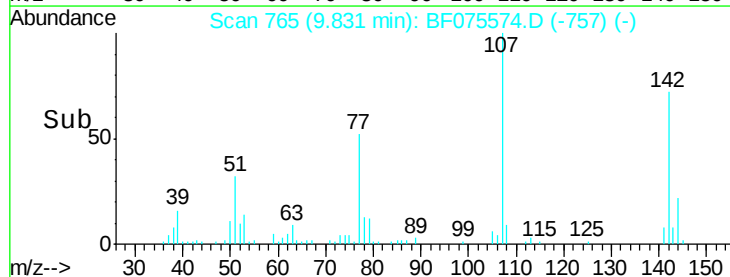
Delta R.T. -0.01 min

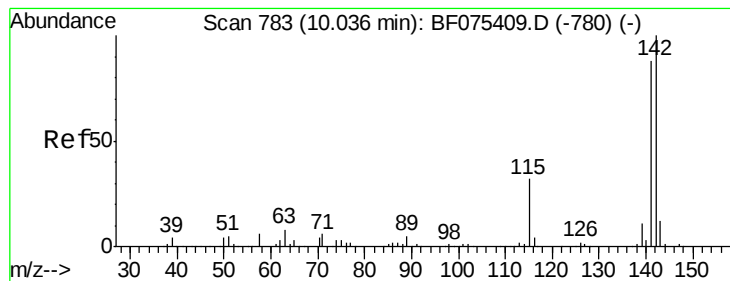
Lab File: BF075574.D

Acq: 16 Nov 2014 10:16



Tgt Ion:	107	Resp:	71843
Ion Ratio	Lower	Upper	
107	100		
144	22.4	19.1	28.7
142	72.2	62.9	94.3





#37

2-Methylnaphthalene

Concen: 48.16 ng

RT: 10.02 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF075574.D

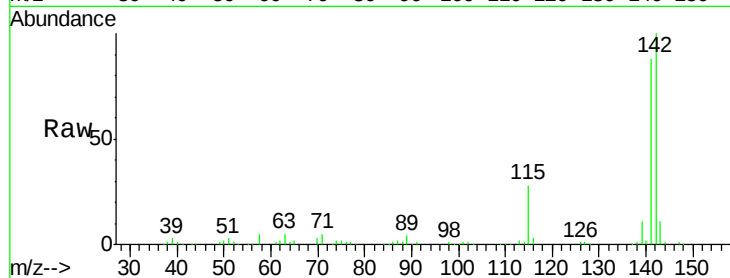
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleID :

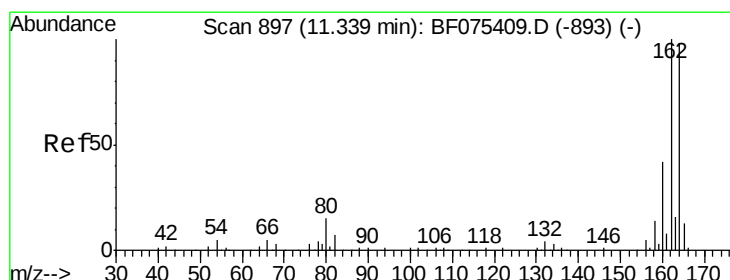
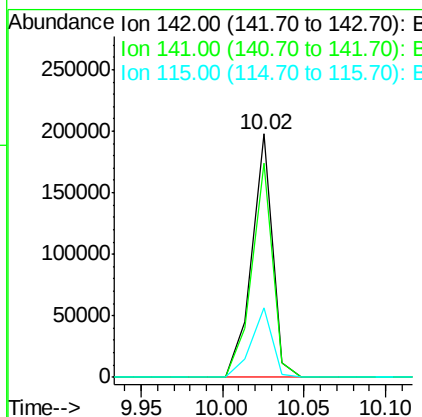
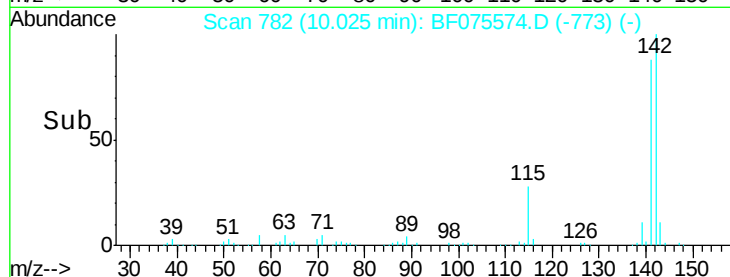
FS-005MS



Tgt Ion:	142	Resp:	175849
Ion Ratio	Lower	Upper	
142	100		
141	88.1	69.9	104.9
115	28.4	27.6	41.4

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11/17/2014 7:39:24 PM



#38

Acenaphthene-d10

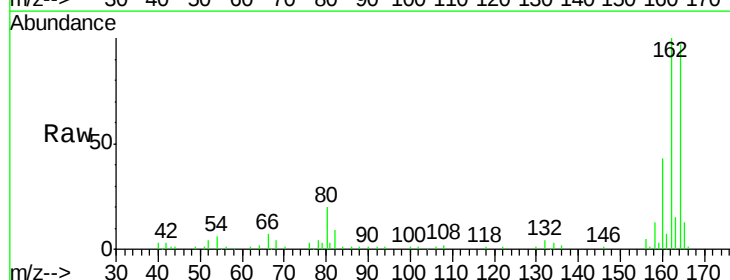
Concen: 20.00 ng

RT: 11.32 min Scan# 895

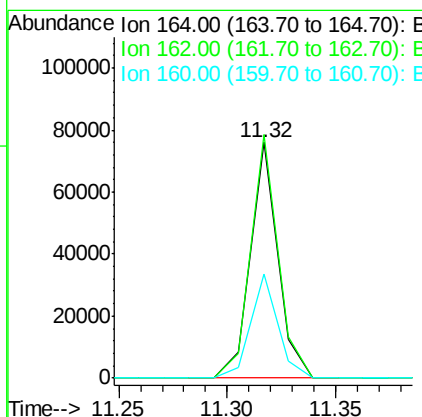
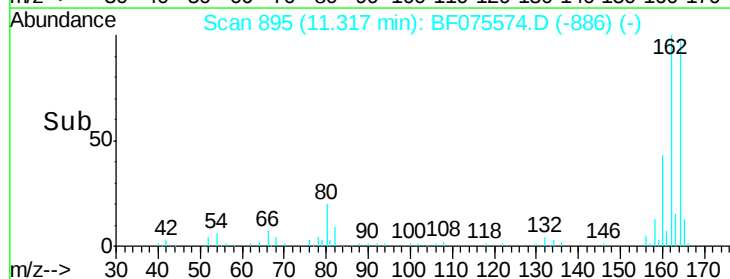
Delta R.T. -0.00 min

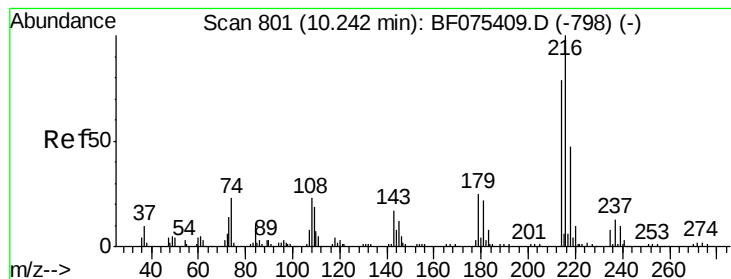
Lab File: BF075574.D

Acq: 16 Nov 2014 10:16



Tgt Ion:	164	Resp:	66527
Ion Ratio	Lower	Upper	
164	100		
162	103.3	79.1	118.7
160	44.0	34.6	51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.08 ng

RT: 10.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF075574.D

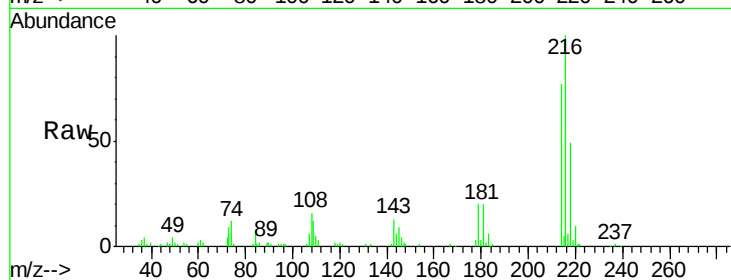
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:216 Resp: 65747

Ion Ratio Lower Upper

216 100

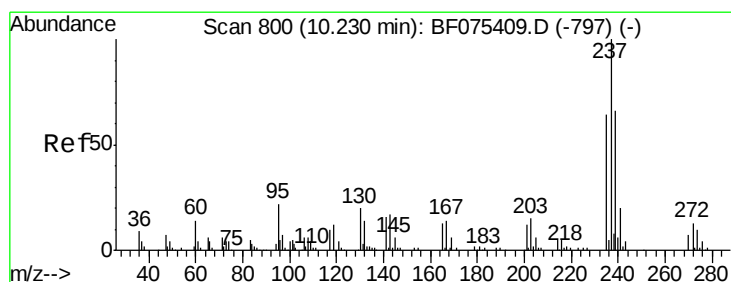
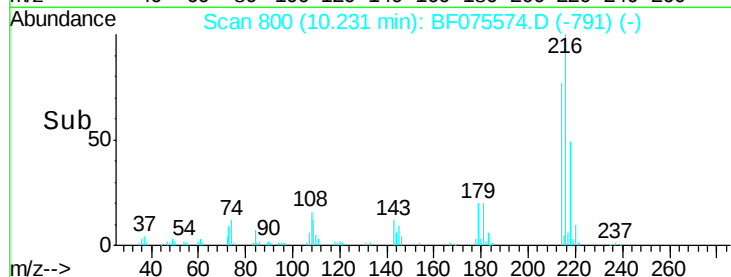
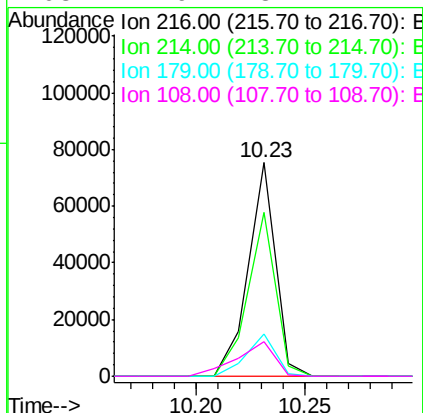
214 78.2 62.8 94.2

179 21.1 18.7 28.1

108 22.9 18.1 27.1

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#40

Hexachlorocyclopentadiene

Concen: 85.92 ng

RT: 10.21 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

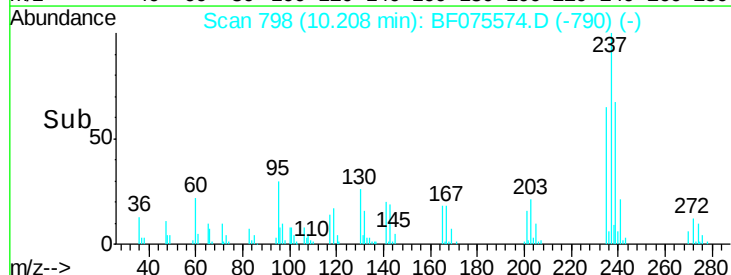
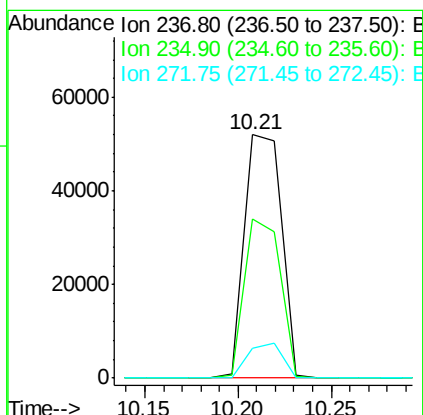
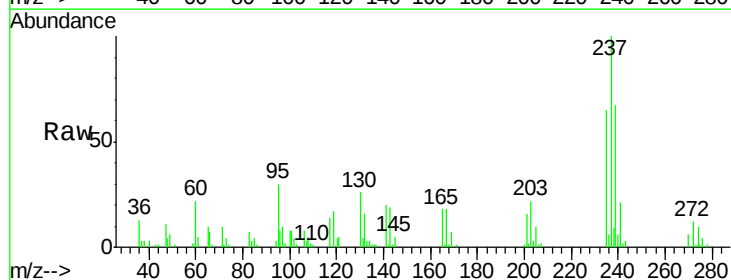
Tgt Ion:237 Resp: 71375

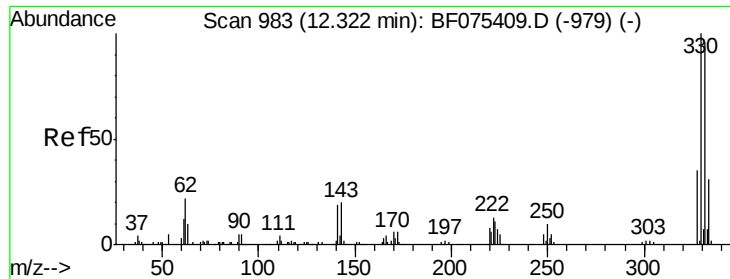
Ion Ratio Lower Upper

237 100

235 65.2 45.7 85.7

272 12.3 0.0 32.6





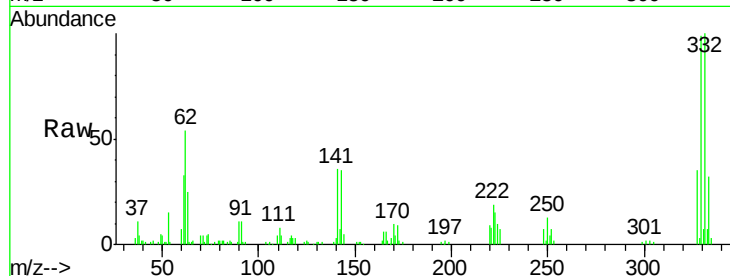
#41
 2,4,6-Tribromophenol
 Concen: 133.21 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleID :
 FS-005MS

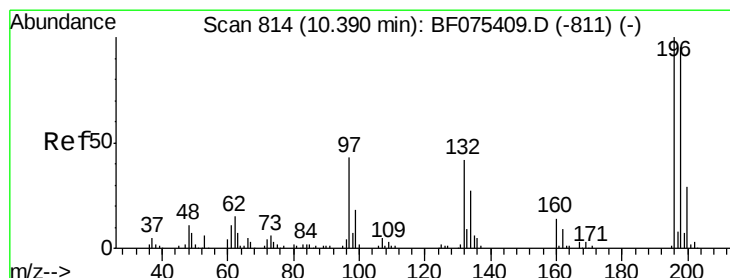
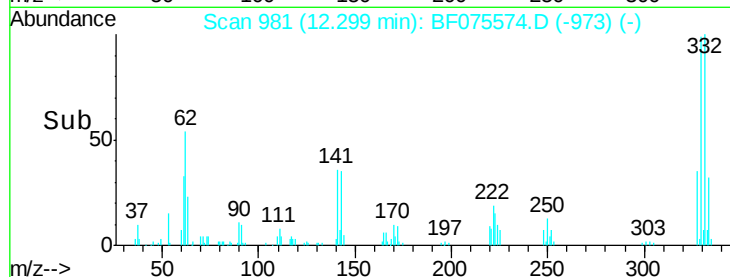
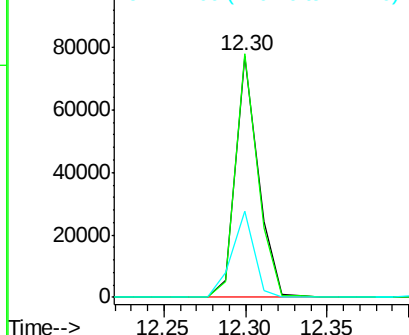
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	74228		
332	98.5	74.5	111.7	
141	35.3	30.7	46.1	

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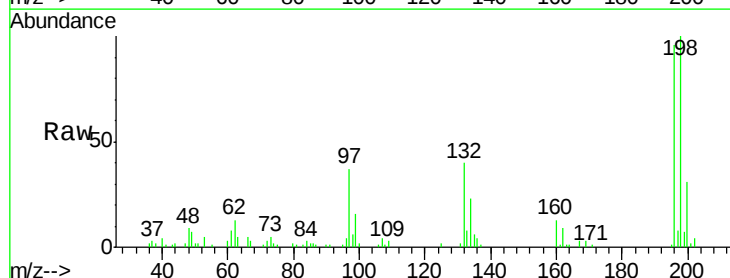


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

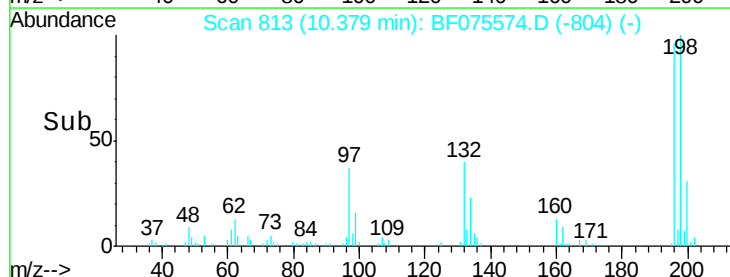
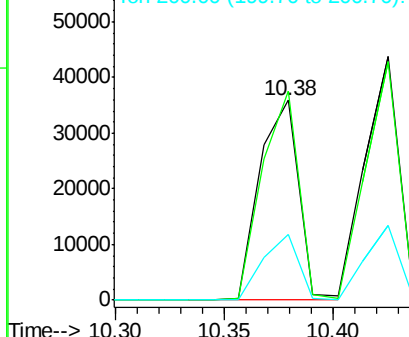


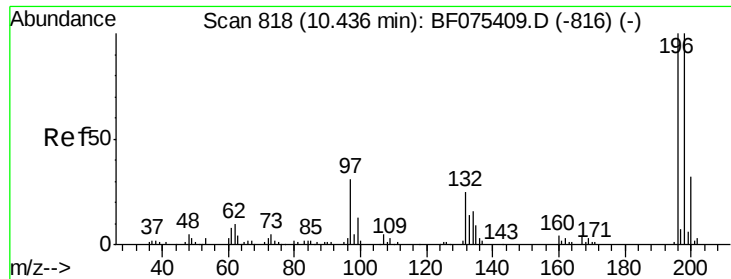
#42
 2,4,6-Trichlorophenol
 Concen: 41.59 ng
 RT: 10.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45229		
198	104.5	75.7	113.5	
200	32.7	23.4	35.0	



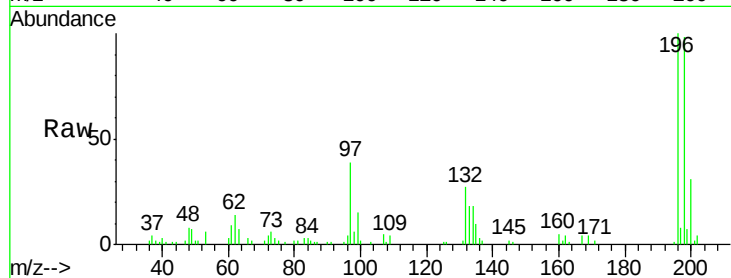
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.23 ng
 RT: 10.43 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

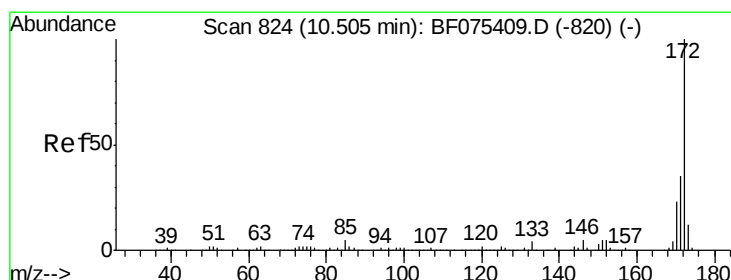
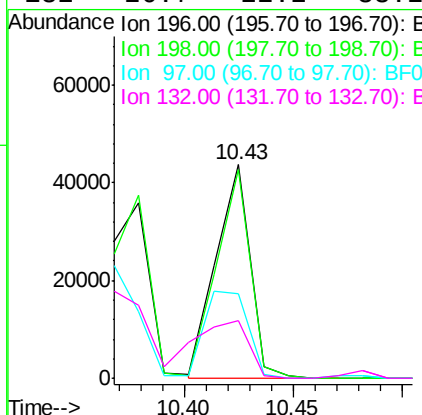
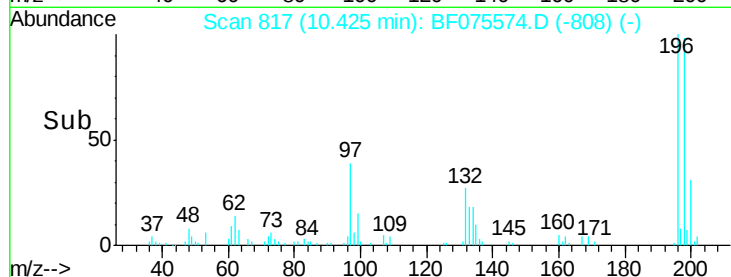
Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS



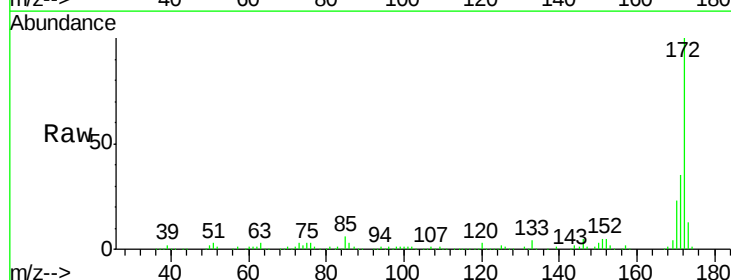
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47836		
198	97.7	78.2	117.4	
97	39.4	29.9	44.9	
132	26.7	22.2	33.2	

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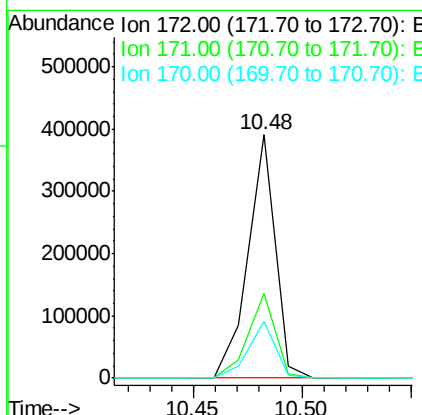
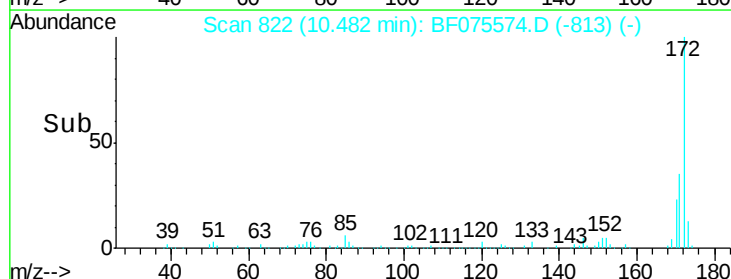
mohammad
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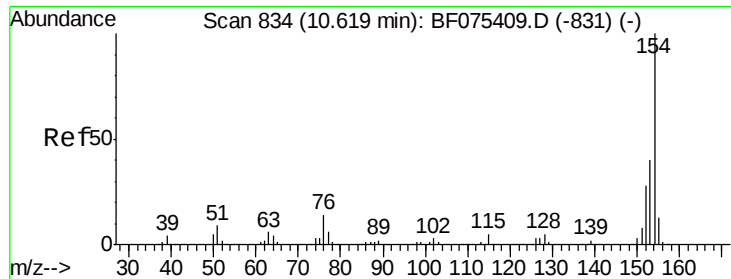


#44
 2-Fluorobiphenyl
 Concen: 92.25 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	339635		
171	34.9	27.3	40.9	
170	23.1	18.4	27.6	





#45

1,1'-Biphenyl

Concen: 46.89 ng

RT: 10.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

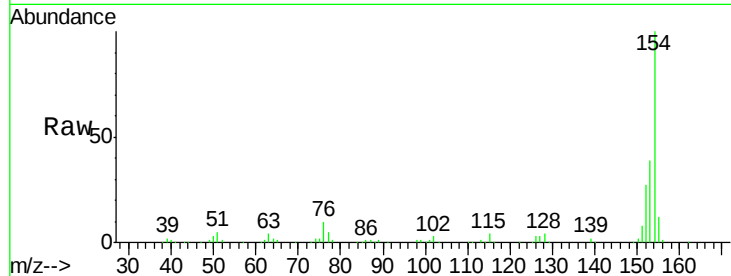
ClientSampleId :

FS-005MS

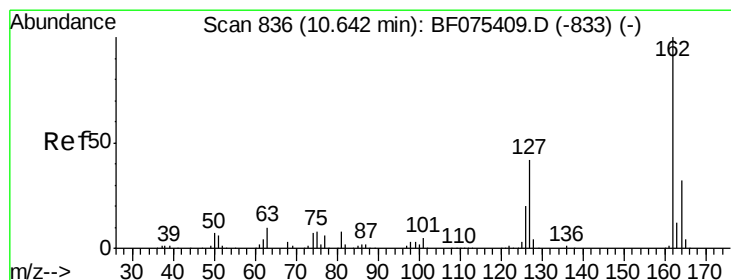
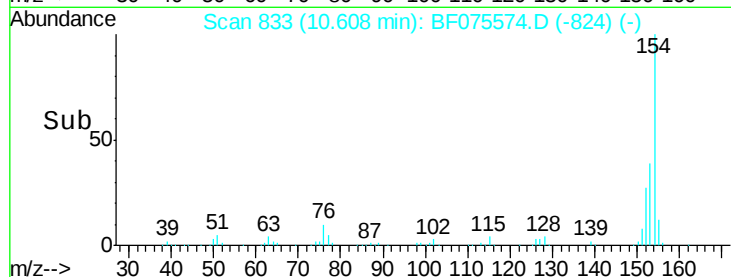
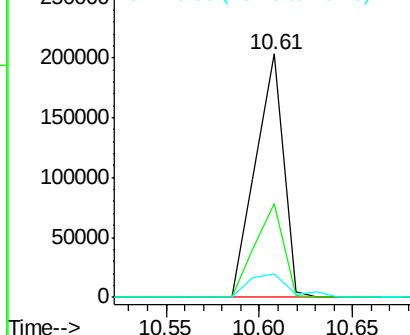
Tgt Ion:	154	Resp:	210435
Ion Ratio	Lower	Upper	
154	100		
153	38.6	19.3	59.3
76	9.9	0.0	35.0

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



#46

2-Chloronaphthalene

Concen: 47.09 ng

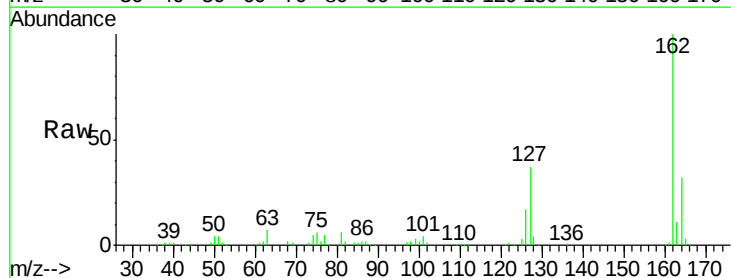
RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

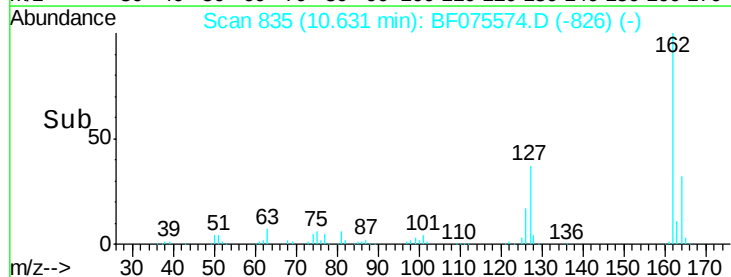
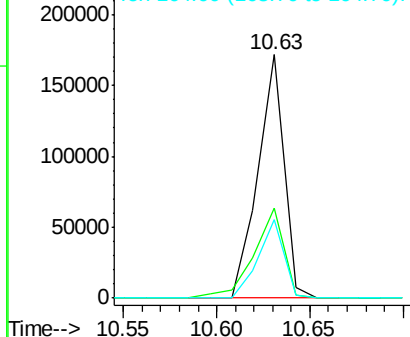
Lab File: BF075574.D

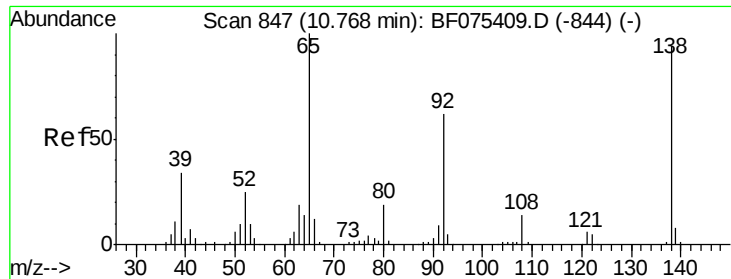
Acq: 16 Nov 2014 10:16

Tgt Ion:	162	Resp:	165214
Ion Ratio	Lower	Upper	
162	100		
127	37.1	34.6	51.8
164	32.3	25.1	37.7



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





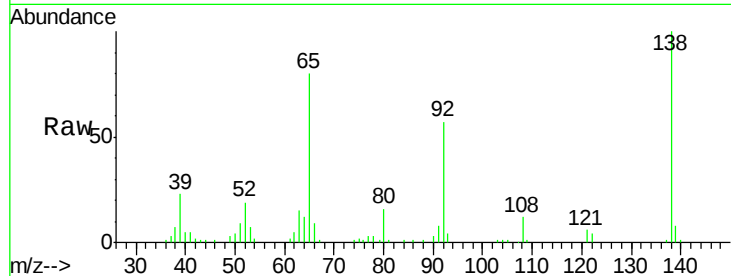
#47
2-Nitroaniline
Concen: 47.81 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	46.7	70.1#
138	125.1	62.8	94.2#

Manual Integrations
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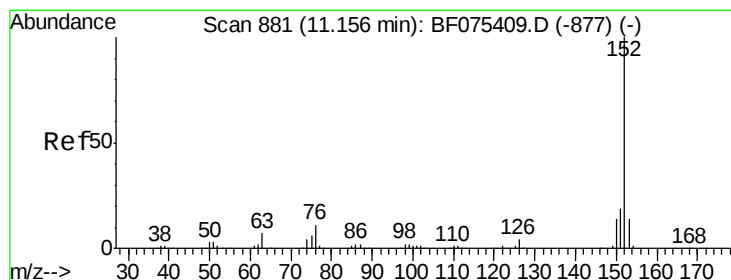
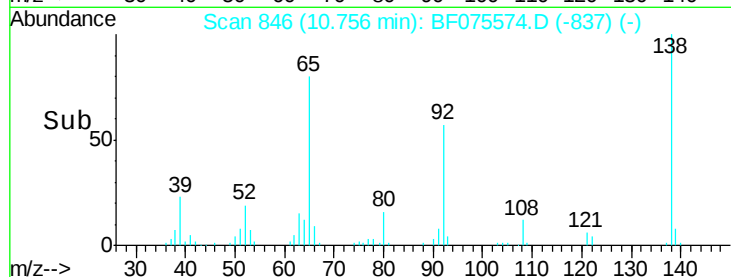
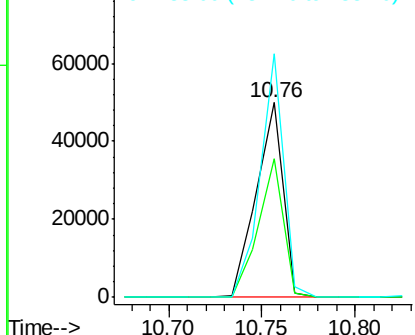


Abundance

Ion 65.00 (64.70 to 65.70): BF075574.D (-837) (-)

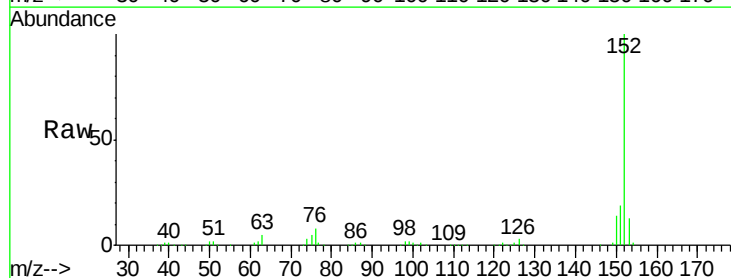
Ion 92.00 (91.70 to 92.70): BF075574.D (-837) (-)

Ion 138.00 (137.70 to 138.70): BF075574.D (-837) (-)



#48
Acenaphthylene
Concen: 47.91 ng
RT: 11.15 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.6	10.0	15.0

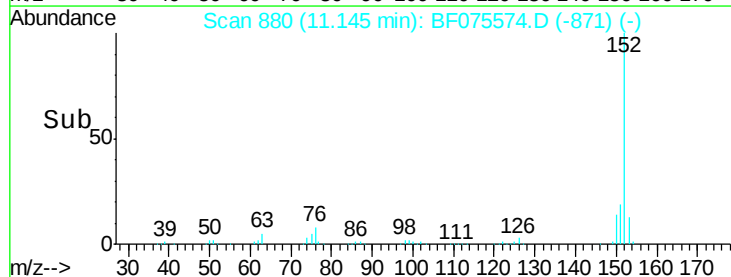
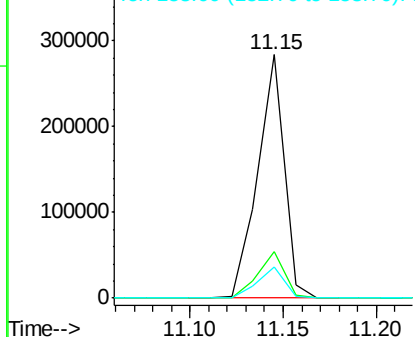


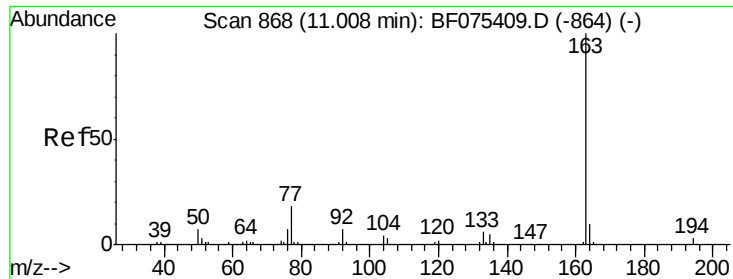
Abundance

Ion 152.00 (151.70 to 152.70): BF075574.D (-871) (-)

Ion 151.00 (150.70 to 151.70): BF075574.D (-871) (-)

Ion 153.00 (152.70 to 153.70): BF075574.D (-871) (-)





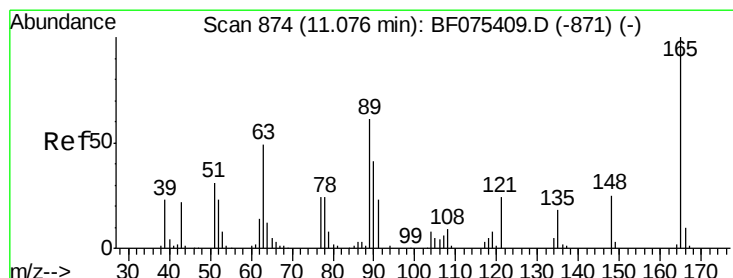
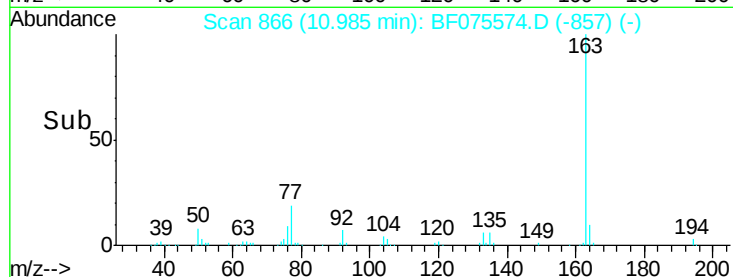
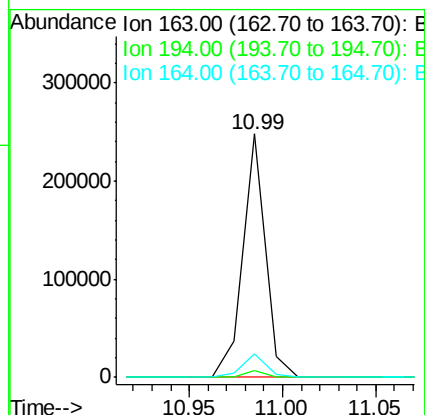
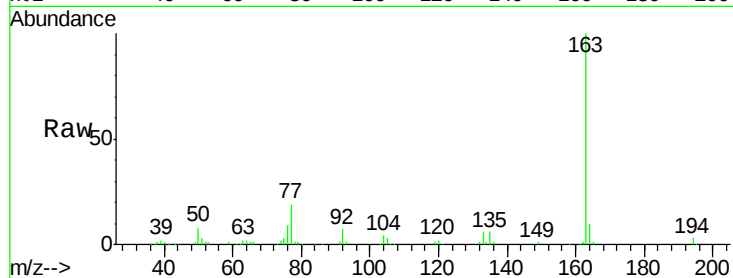
#49
Dimethylphthalate
Concen: 46.26 ng
RT: 10.99 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.7	4.1
164	9.8	8.0	12.0

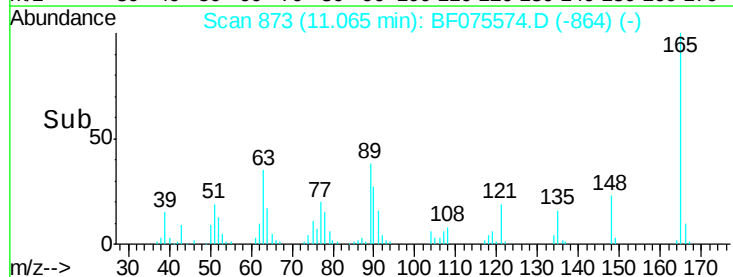
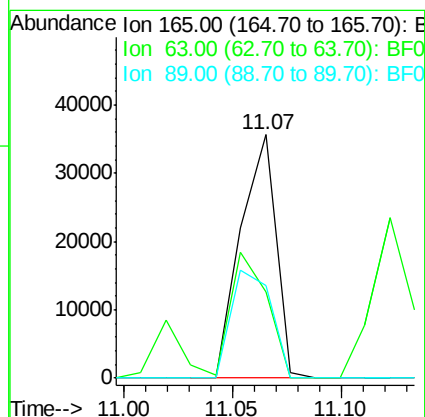
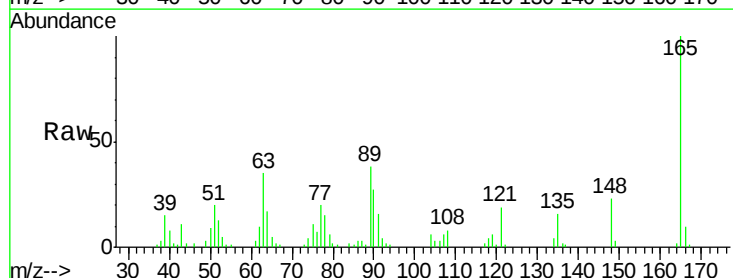
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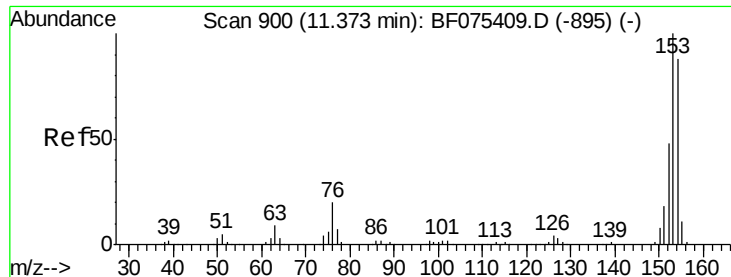
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#50
2,6-Dinitrotoluene
Concen: 44.73 ng
RT: 11.07 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	35.4	61.2	91.8#
89	37.9	52.5	78.7#





#51

Acenaphthene

Concen: 44.82 ng

RT: 11.36 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF075574.D

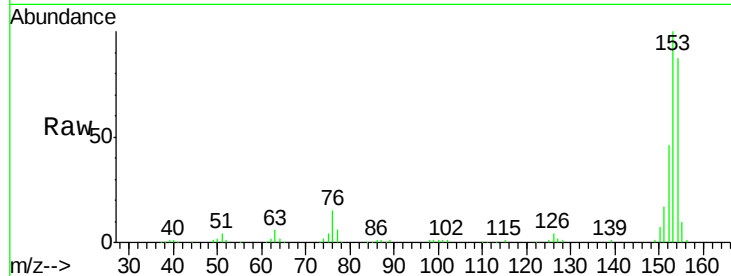
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

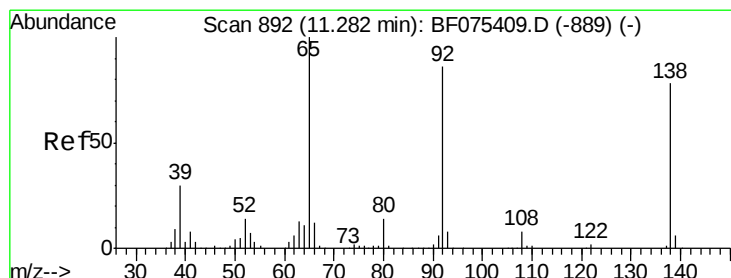
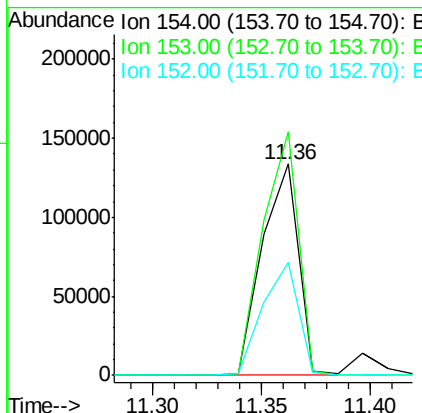
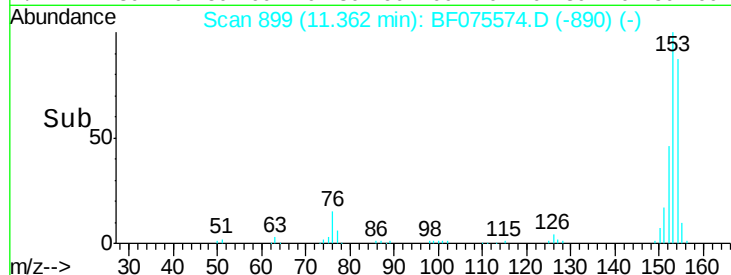
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.2	91.2	136.8	
152	53.3	43.4	65.0	

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#52

3-Nitroaniline

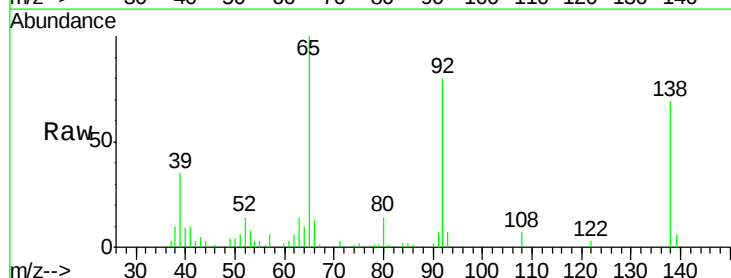
Concen: 24.74 ng

RT: 11.26 min Scan# 890

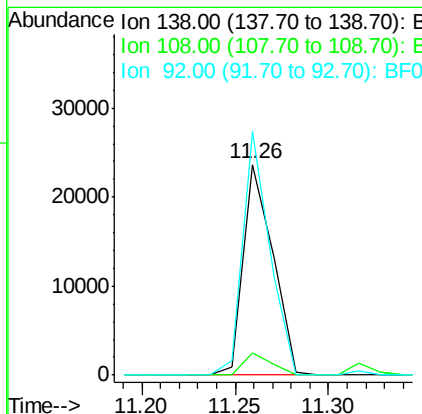
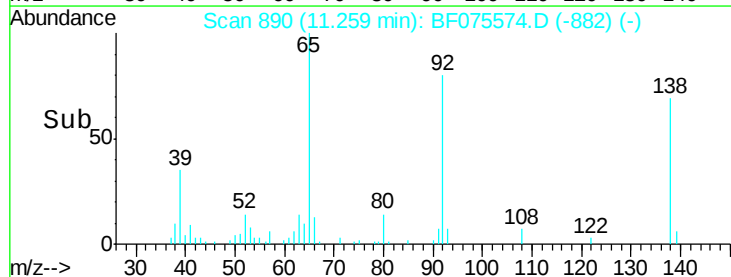
Delta R.T. -0.01 min

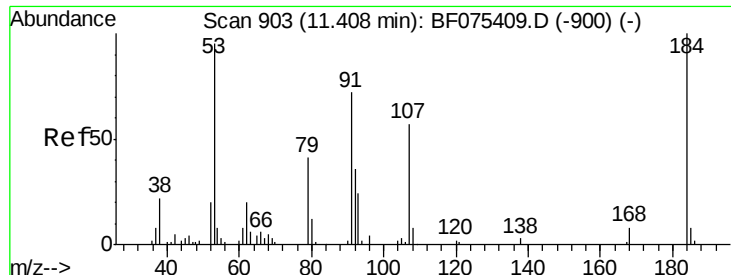
Lab File: BF075574.D

Acq: 16 Nov 2014 10:16



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	10.2	15.2	
92	115.5	91.0	136.6	





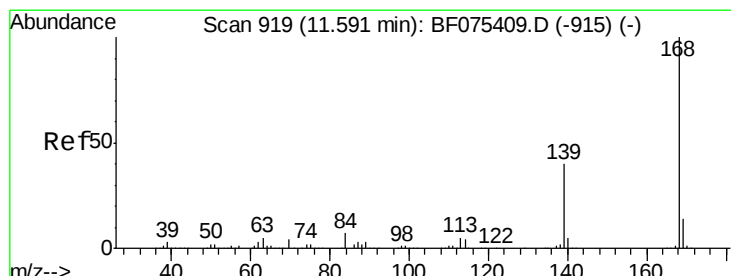
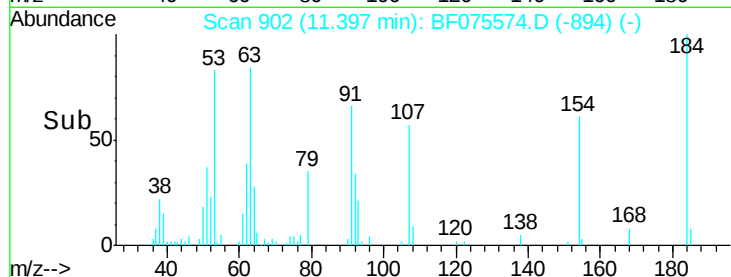
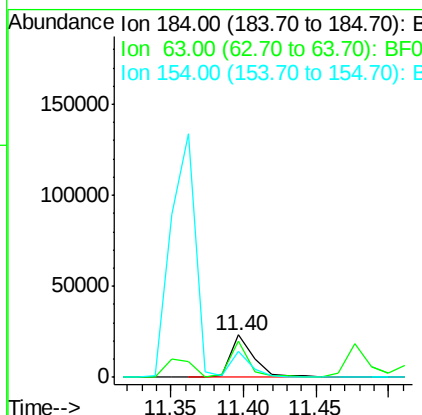
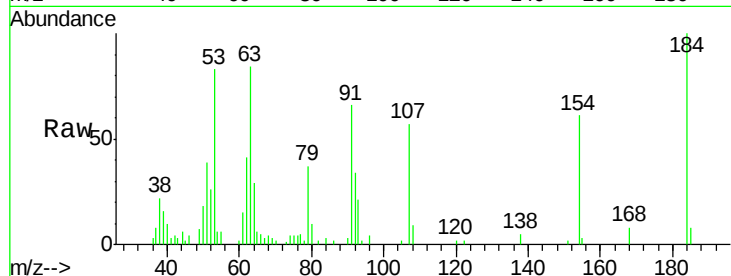
#53
2,4-Dinitrophenol
Concen: 58.83 ng
RT: 11.40 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion:184 Resp: 26090
Ion Ratio Lower Upper
184 100
63 83.9 96.3 144.5#
154 61.5 56.2 84.4

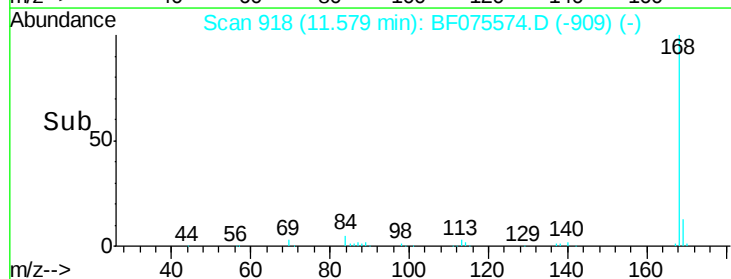
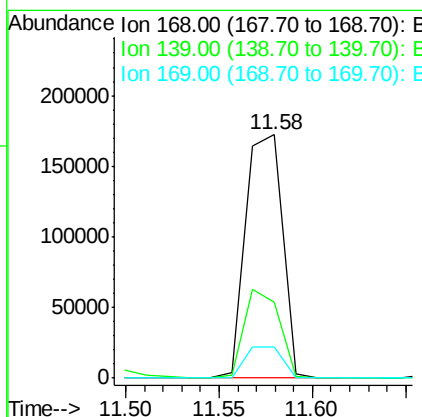
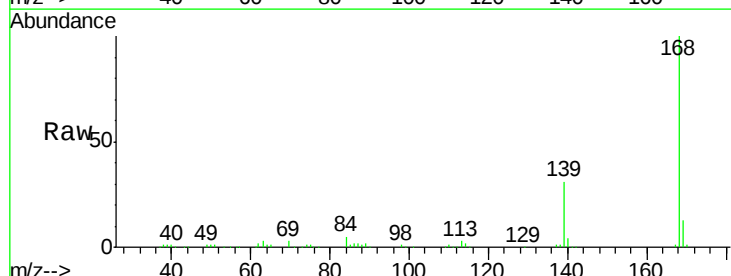
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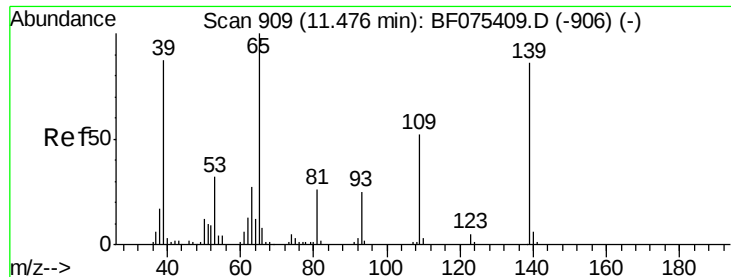
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#54
Dibenzofuran
Concen: 47.29 ng
RT: 11.58 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion:168 Resp: 236013
Ion Ratio Lower Upper
168 100
139 31.2 33.0 49.4#
169 12.7 10.8 16.2





#55

4-Nitrophenol

Concen: 88.07 ng

RT: 11.48 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

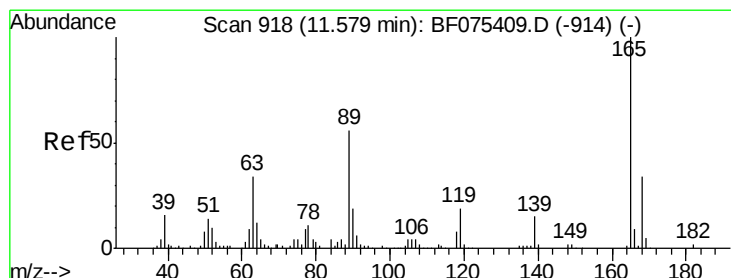
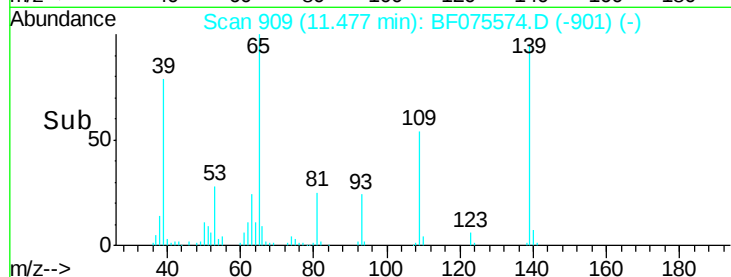
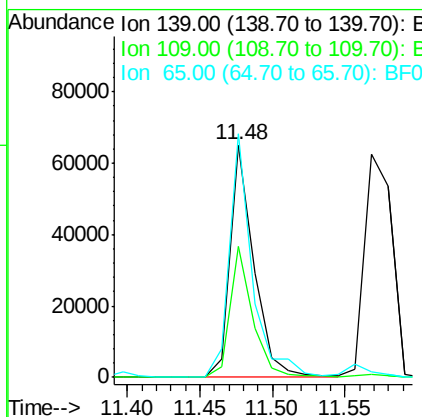
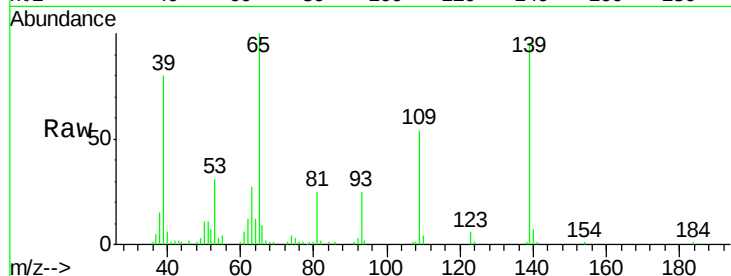
ClientSampleId :

FS-005MS

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Tgt Ion:	139	Resp:	74362
Ion Ratio	Lower	Upper	
139	100		
109	56.2	45.8	85.8
65	104.9	94.8	134.8



#56

2,4-Dinitrotoluene

Concen: 48.32 ng

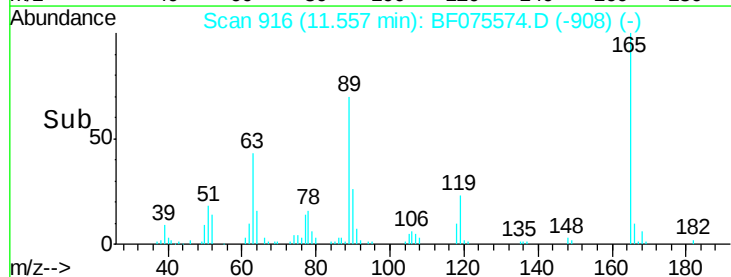
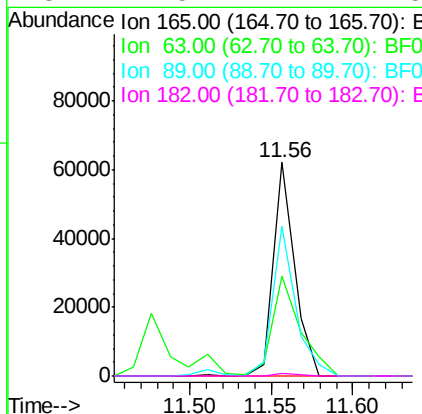
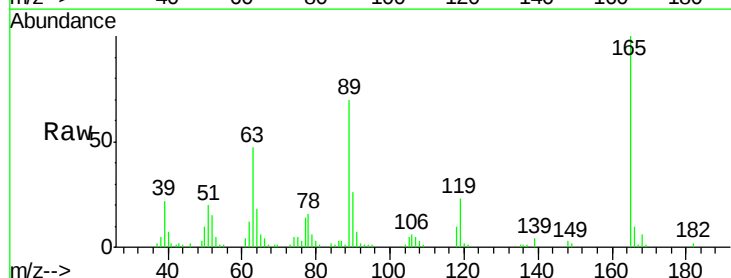
RT: 11.56 min Scan# 916

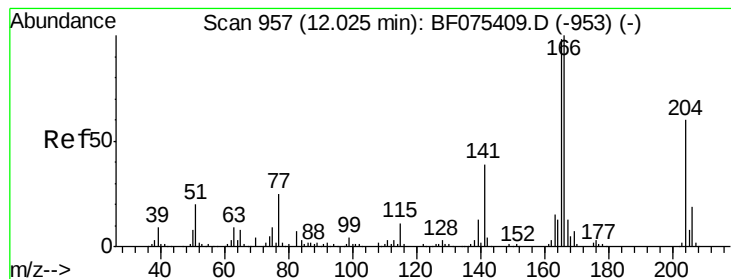
Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	165	Resp:	56858
Ion Ratio	Lower	Upper	
165	100		
63	47.0	27.0	40.6#
89	70.3	47.8	71.6
182	1.5	1.7	2.5#





#57

Fluorene

Concen: 48.36 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF075574.D

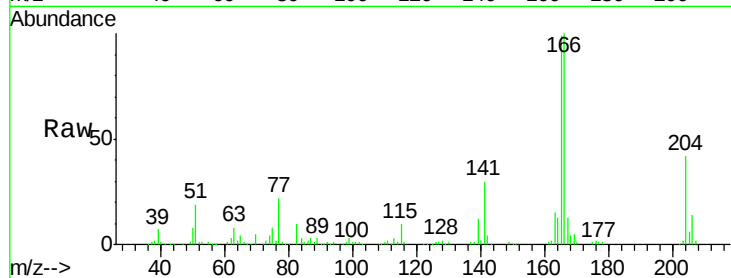
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

FS-005MS



Tgt Ion:166 Resp: 195193

Ion Ratio Lower Upper

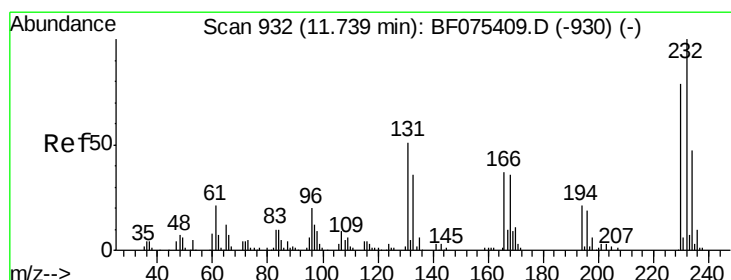
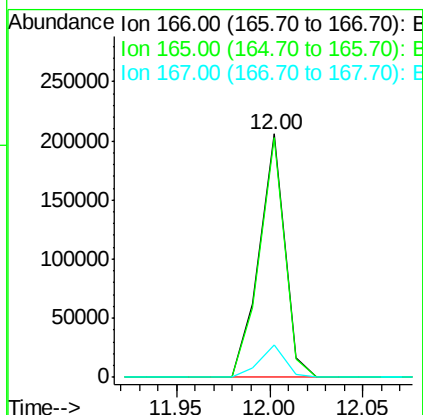
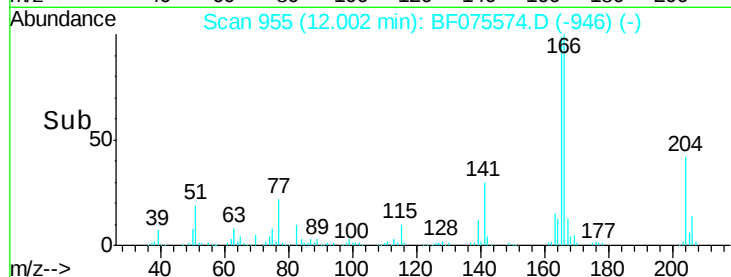
166 100

165 98.7 78.8 118.2

167 13.3 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.20 ng

RT: 11.73 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:232 Resp: 38839

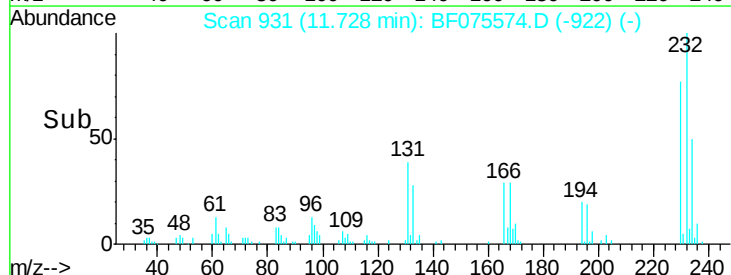
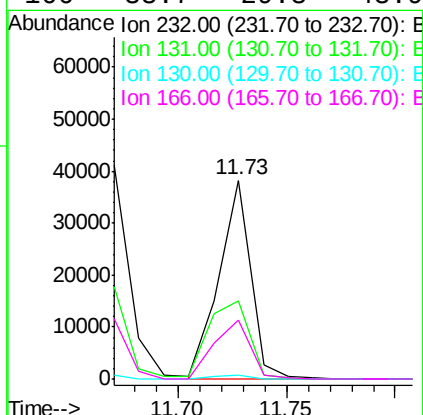
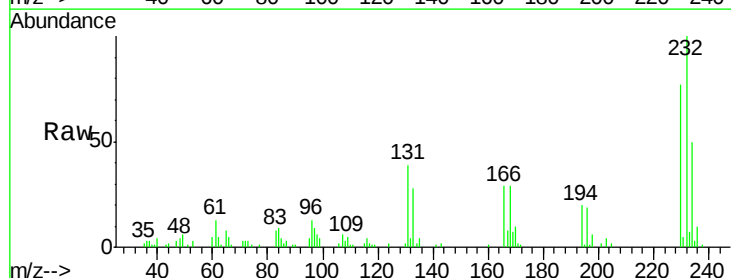
Ion Ratio Lower Upper

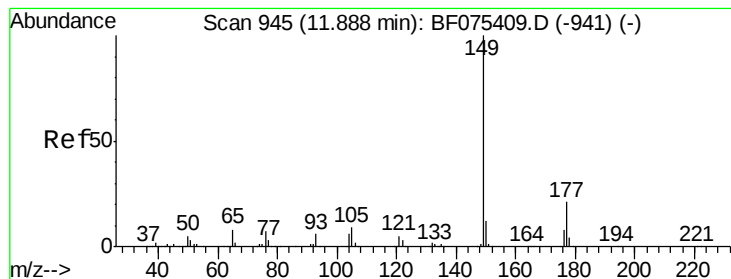
232 100

131 50.5 44.6 67.0

130 2.1 2.5 3.7#

166 33.7 29.3 43.9





#59

Diethylphthalate

Concen: 42.75 ng

RT: 11.87 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF075574.D

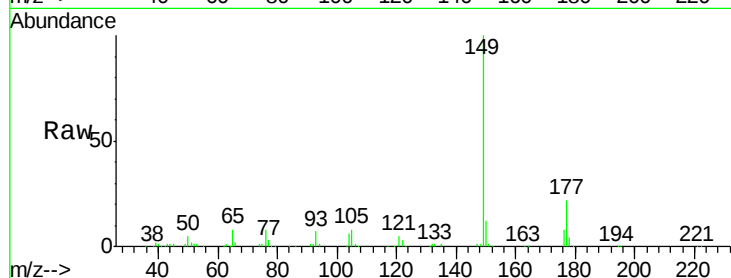
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

FS-005MS



Tgt Ion:149 Resp: 201740

Ion Ratio Lower Upper

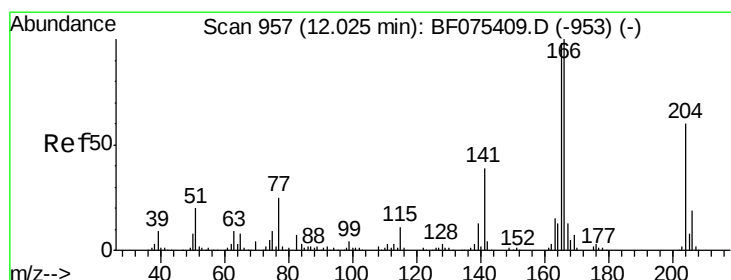
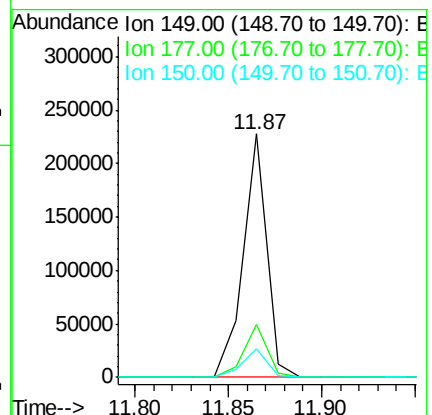
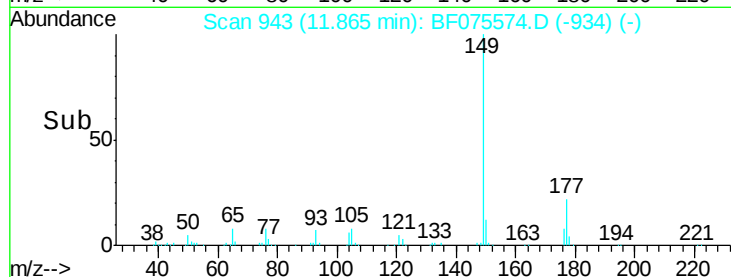
149 100

177 21.7 15.8 23.8

150 11.8 9.9 14.9

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#60

4-Chlorophenyl-phenylether

Concen: 45.45 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

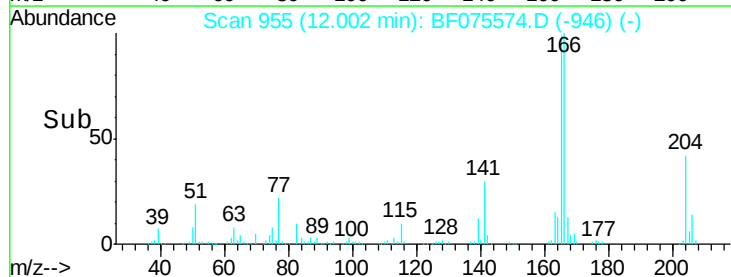
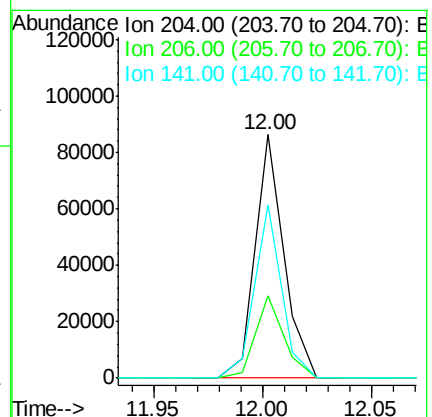
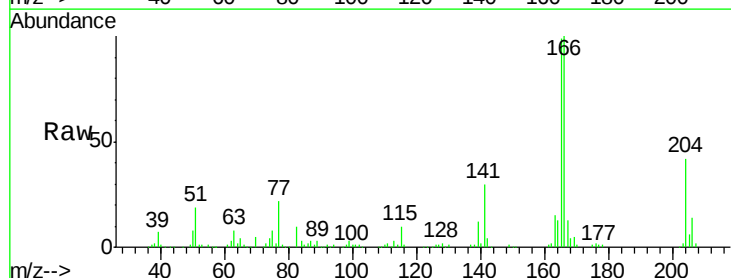
Tgt Ion:204 Resp: 78881

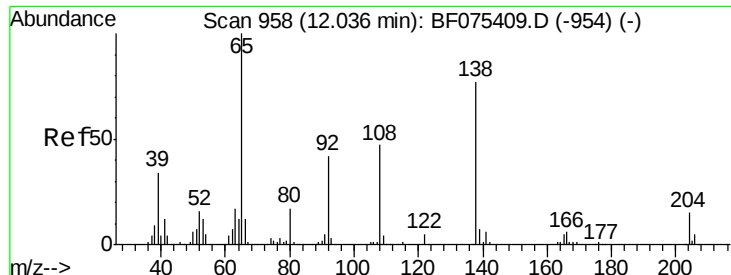
Ion Ratio Lower Upper

204 100

206 33.6 25.1 37.7

141 71.2 58.6 87.8





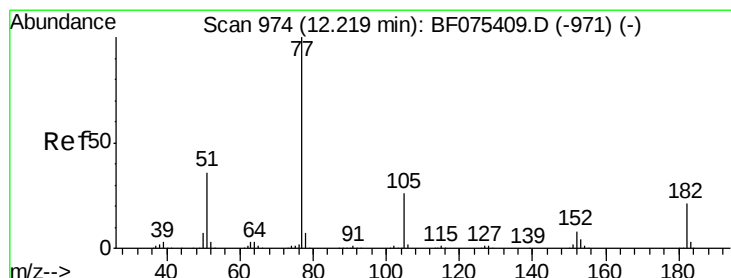
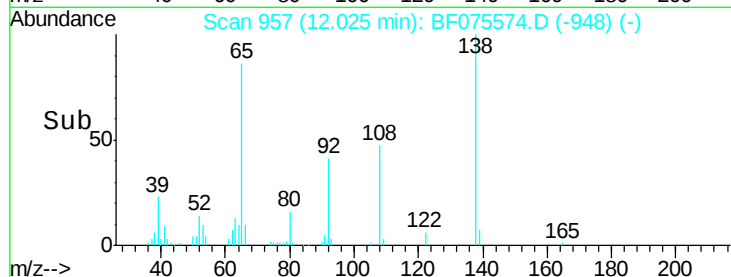
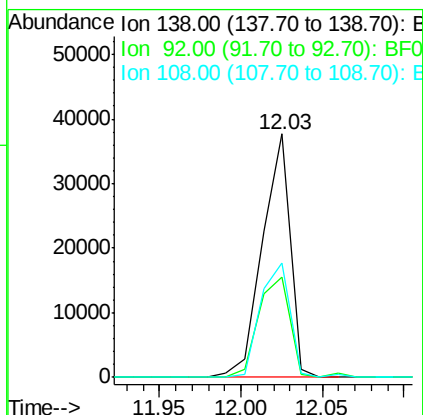
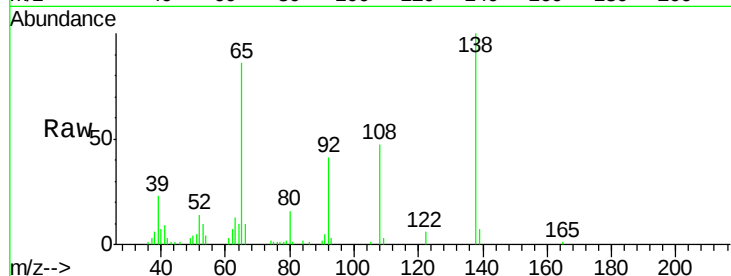
#61
4-Nitroaniline
Concen: 42.28 ng
RT: 12.03 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.2	34.8	74.8
108	46.8	50.6	90.6

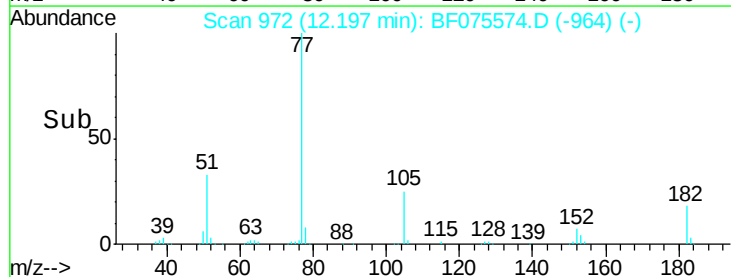
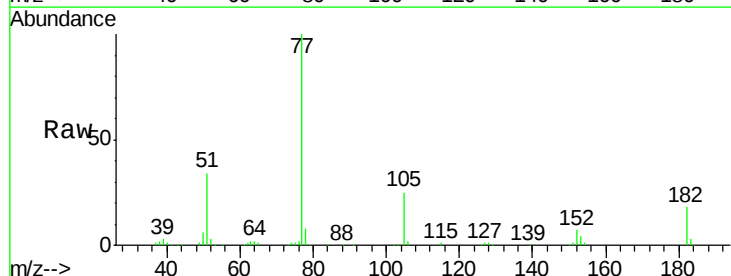
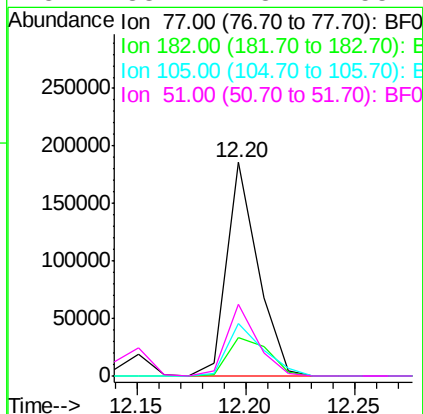
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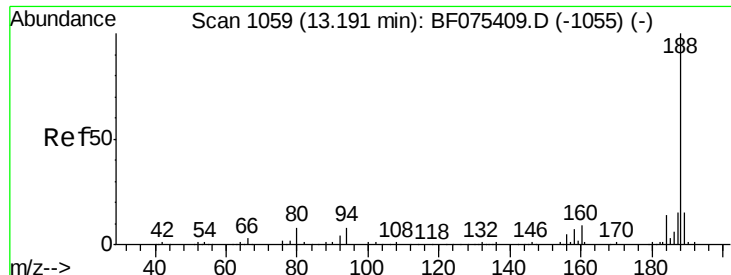
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#62
Azobenzene
Concen: 44.41 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.2	0.0	37.1
105	24.9	3.7	43.7
51	33.7	18.7	58.7





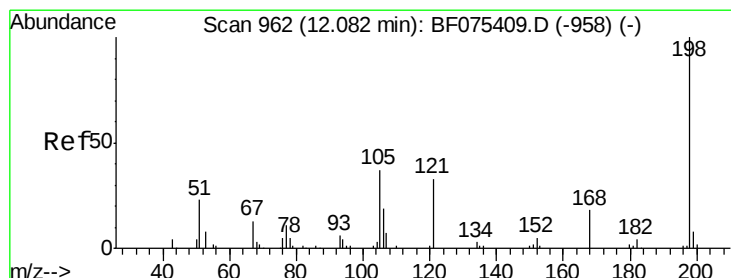
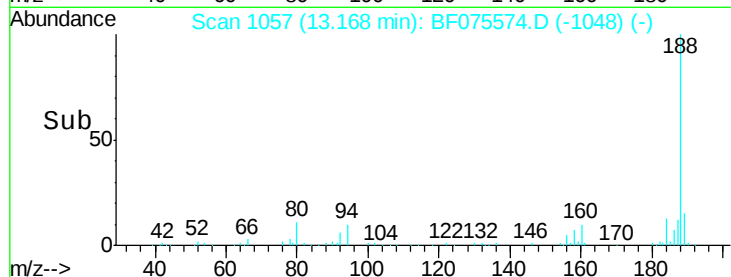
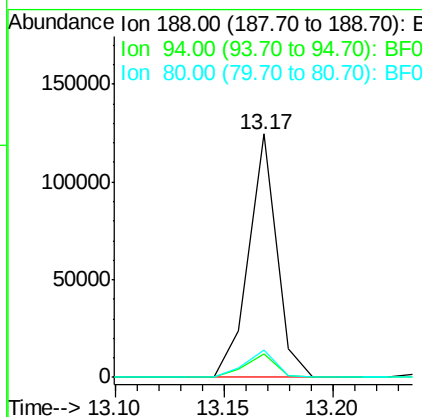
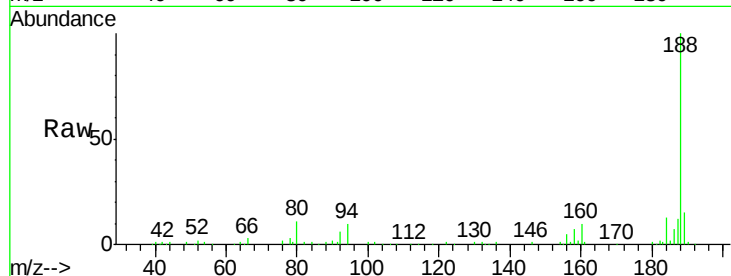
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	7.8	11.6
80	11.4	8.0	12.0

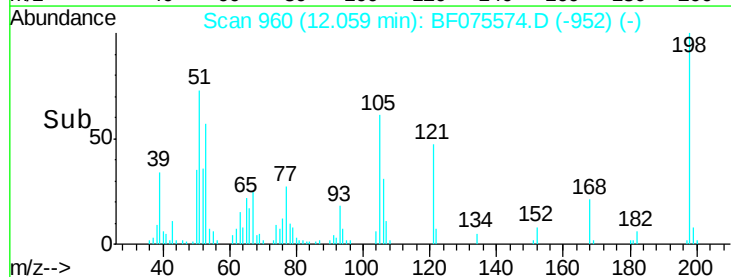
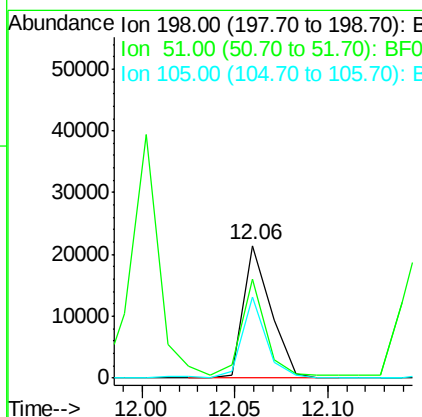
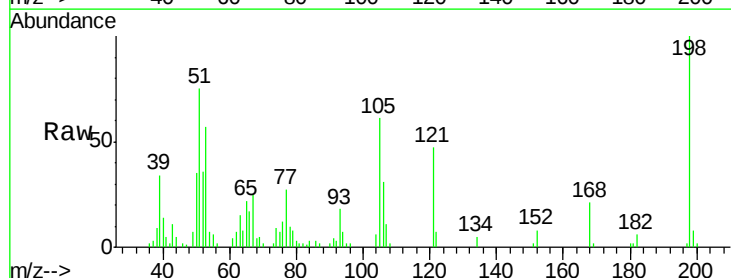
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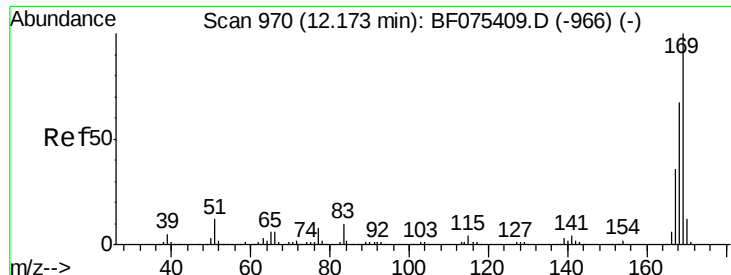
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.66 ng
RT: 12.06 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	75.0	26.0	66.0#
105	60.9	24.2	64.2





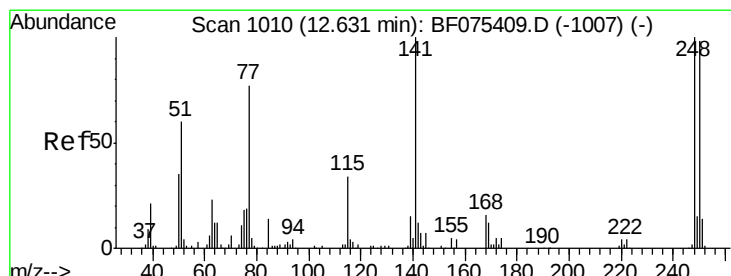
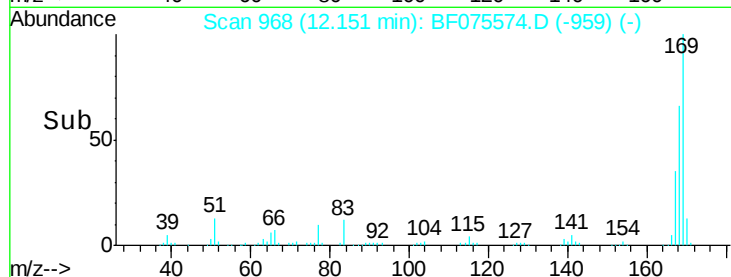
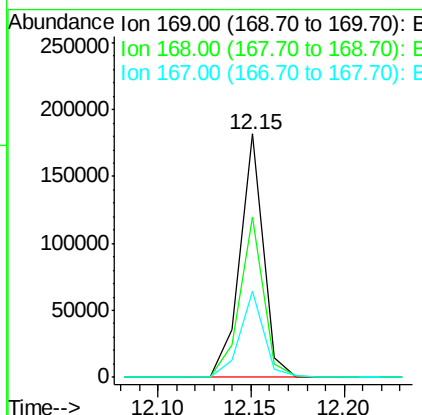
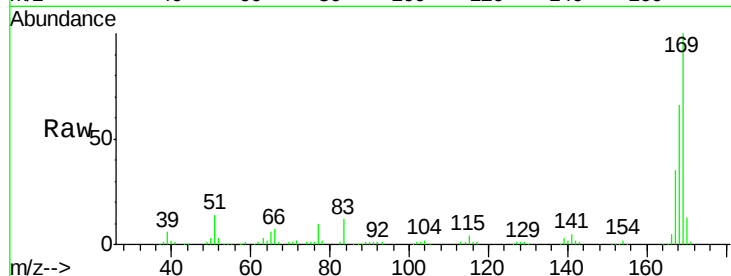
#65
 n-Nitrosodiphenylamine
 Concen: 44.81 ng
 RT: 12.15 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	158911		
168	65.8	53.5	80.3	
167	35.2	29.8	44.6	

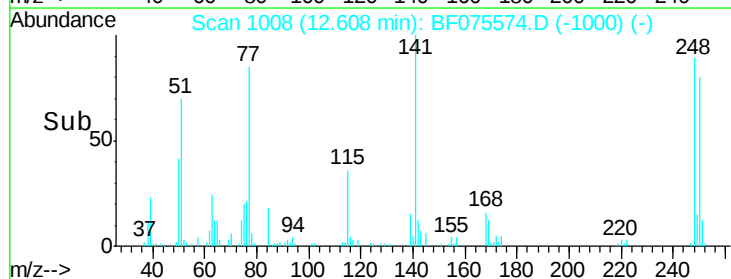
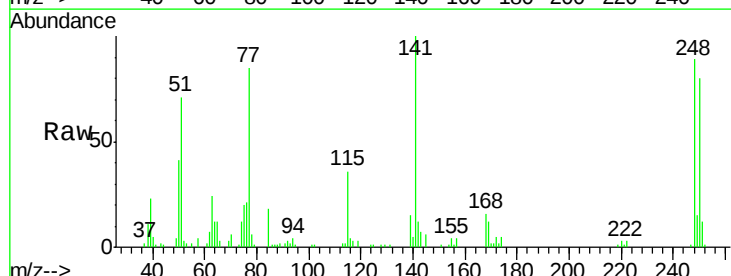
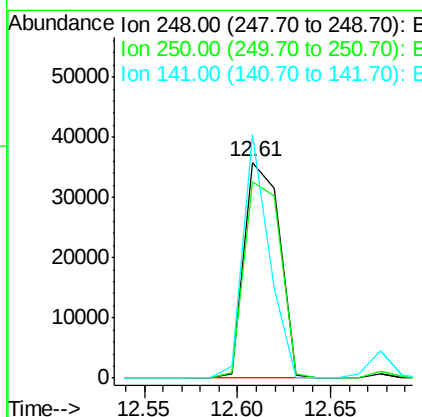
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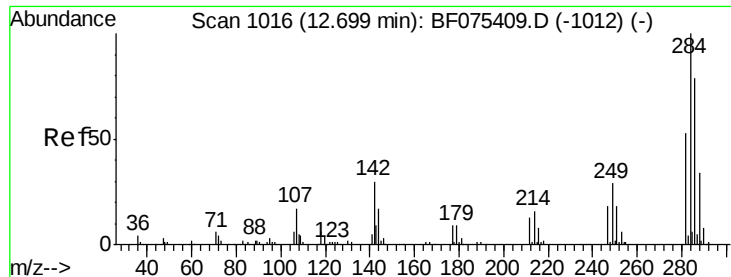
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#66
 4-Bromophenyl-phenylether
 Concen: 44.59 ng
 RT: 12.61 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	47032		
250	90.9	76.3	114.5	
141	113.0	44.3	66.5	





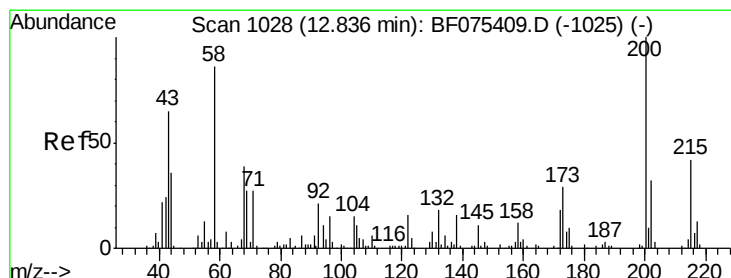
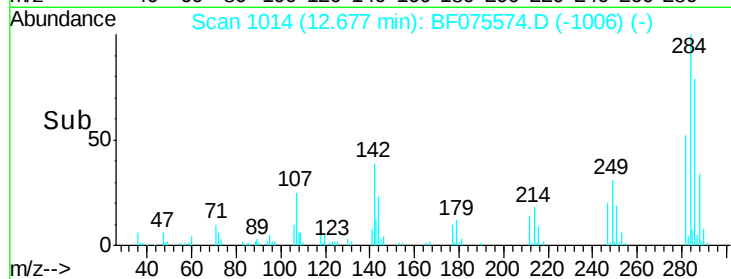
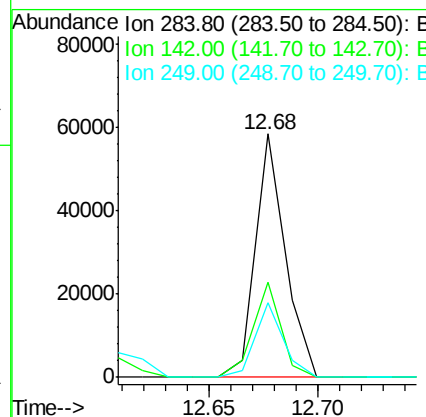
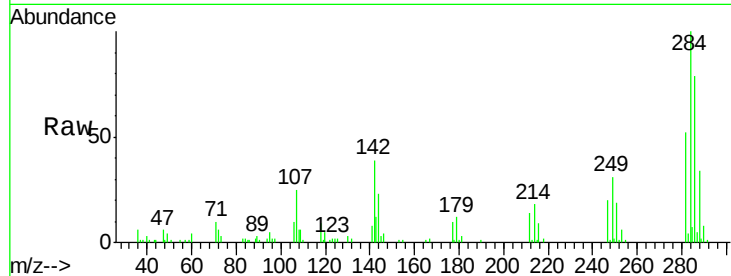
#67
Hexachlorobenzene
Concen: 46.39 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	55564		
142	39.2	28.7	43.1	
249	30.8	24.1	36.1	

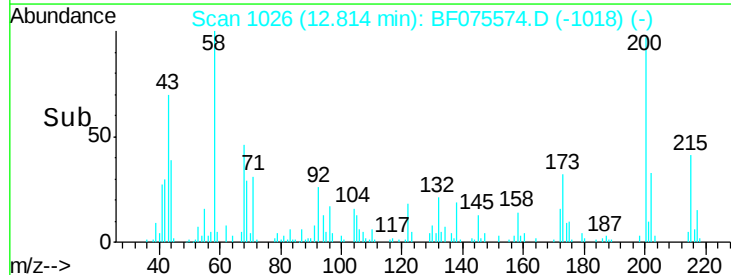
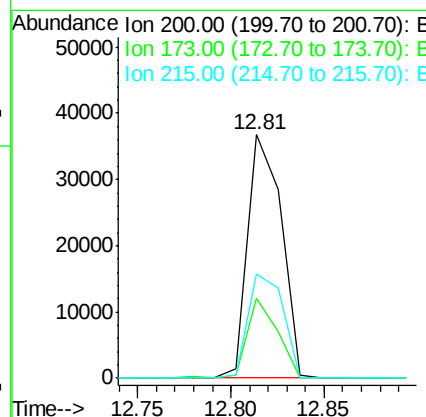
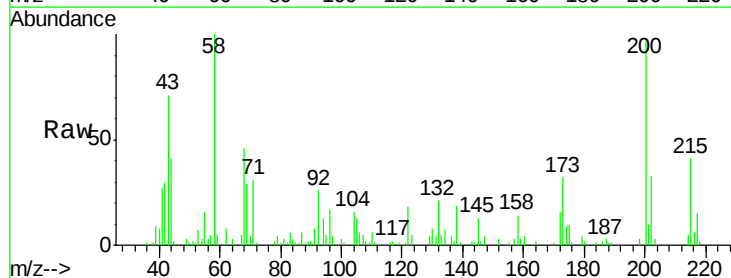
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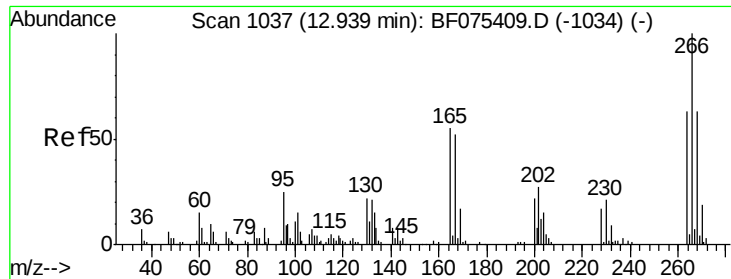
mohammad
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#68
Atrazine
Concen: 41.79 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	45993		
173	32.8	12.3	52.3	
215	42.8	23.8	63.8	





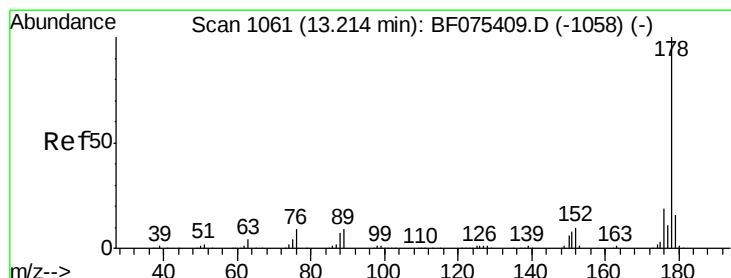
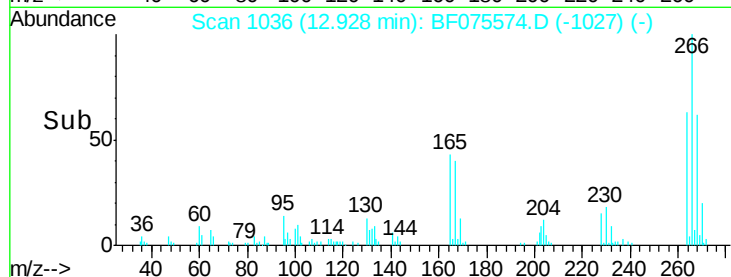
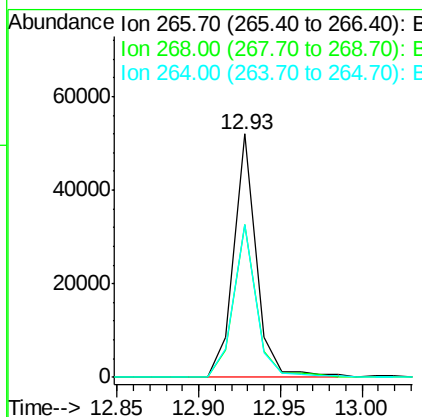
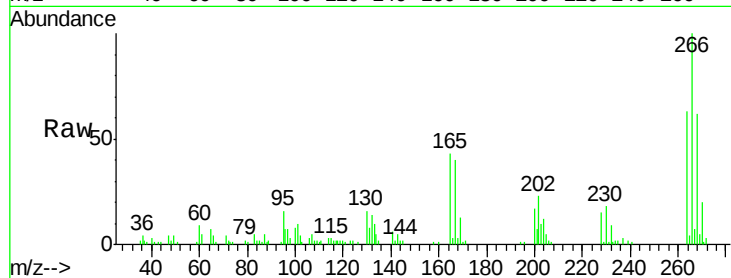
#69
 Pentachlorophenol
 Concen: 66.36 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	49888		
268	62.5	48.6	73.0	
264	62.8	52.1	78.1	

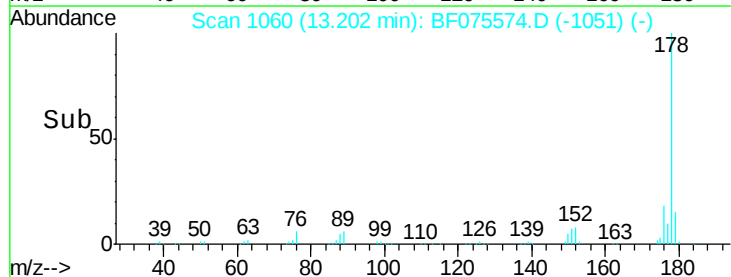
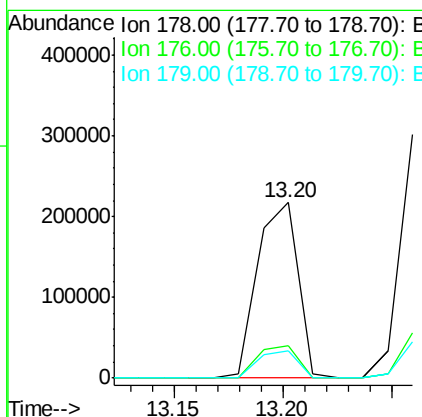
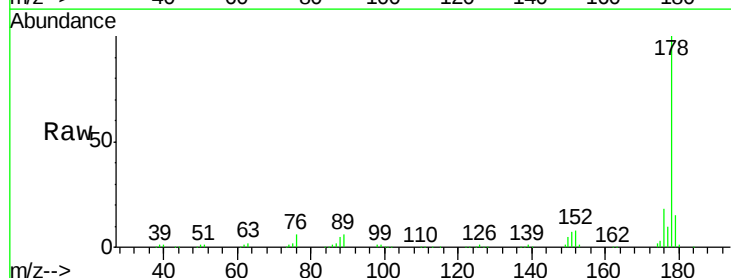
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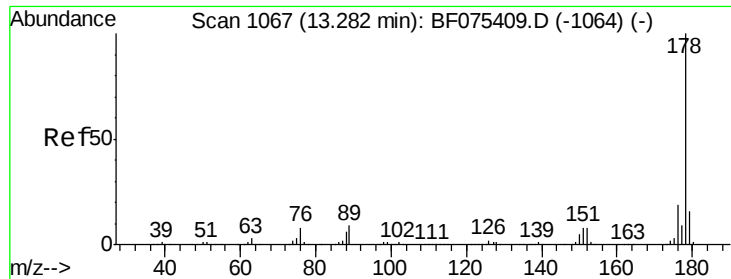
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#70
 Phenanthrene
 Concen: 47.98 ng
 RT: 13.20 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	283134		
176	18.4	15.3	22.9	
179	15.2	12.2	18.4	





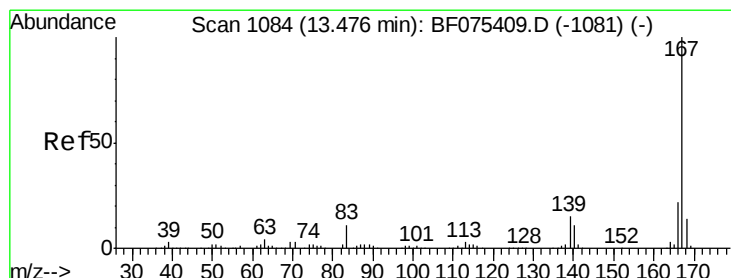
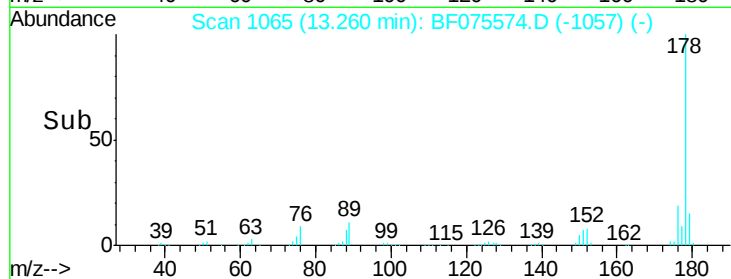
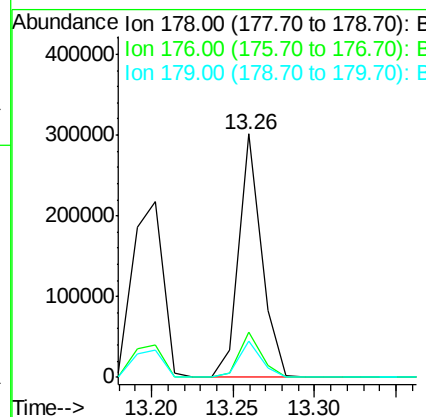
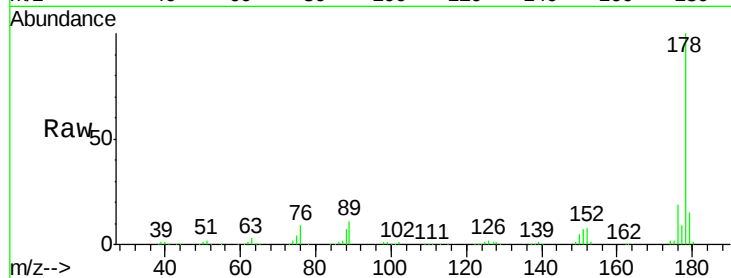
#71
 Anthracene
 Concen: 47.38 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	288995		
176	18.7	15.1	22.7	
179	15.0	12.2	18.2	

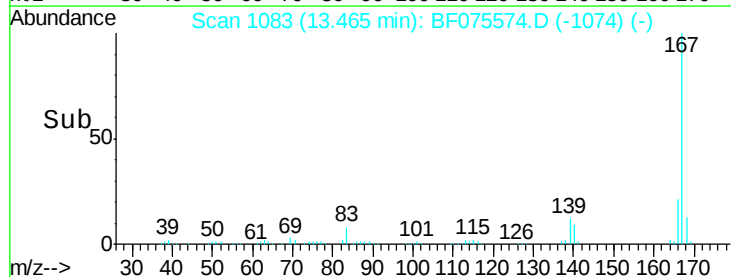
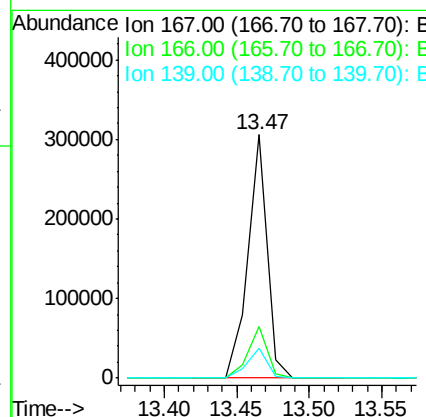
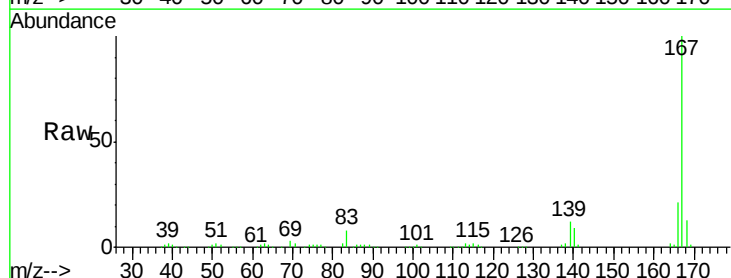
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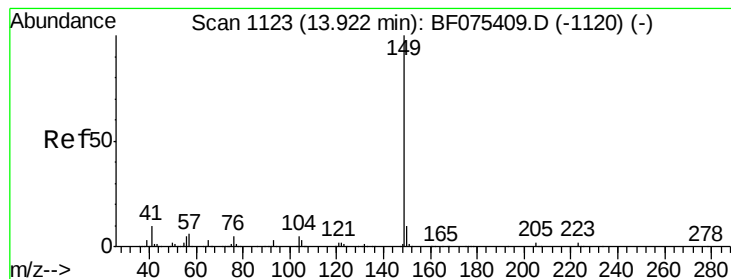
mohammad
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#72
 Carbazole
 Concen: 47.29 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	282194		
166	21.1	17.4	26.0	
139	12.3	10.1	15.1	





#73

Di-n-butylphthalate

Concen: 41.44 ng

RT: 13.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF075574.D

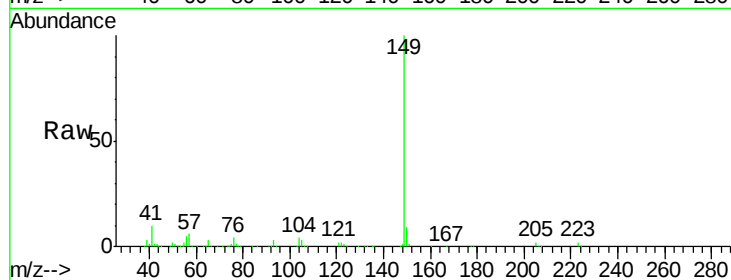
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

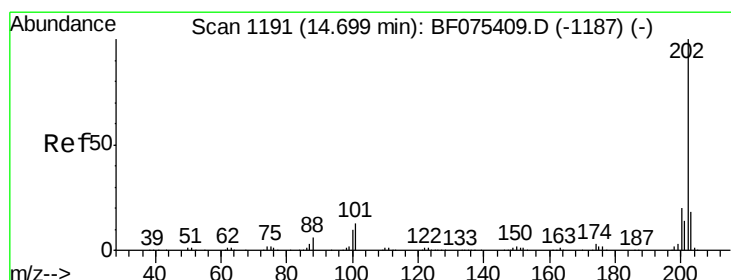
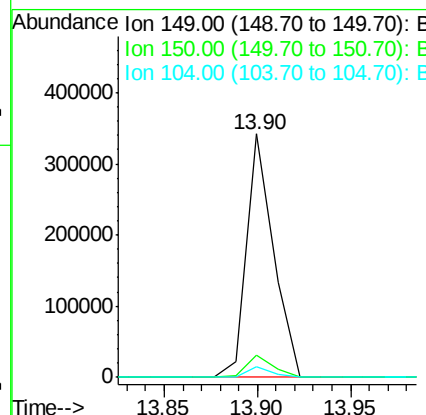
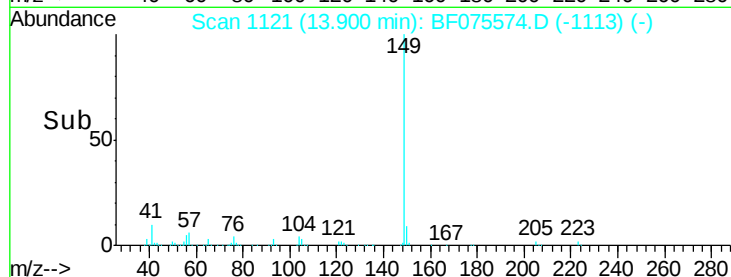
FS-005MS



Tgt Ion:	149	Resp:	341641
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.3	10.9
104	4.3	3.1	4.7

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#74

Fluoranthene

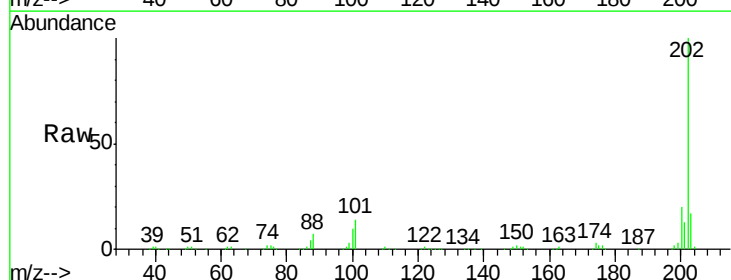
Concen: 49.41 ng

RT: 14.68 min Scan# 1189

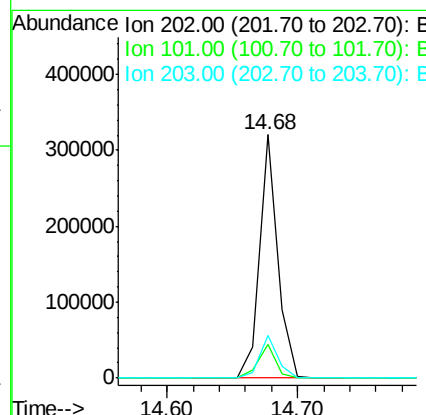
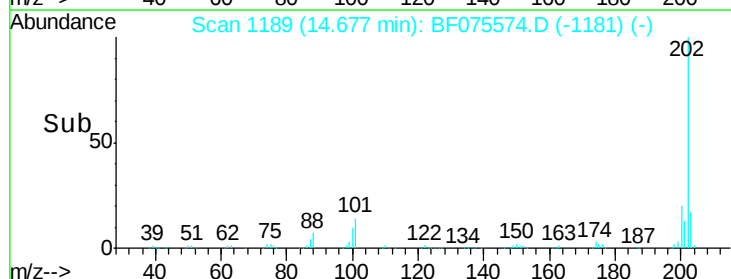
Delta R.T. -0.01 min

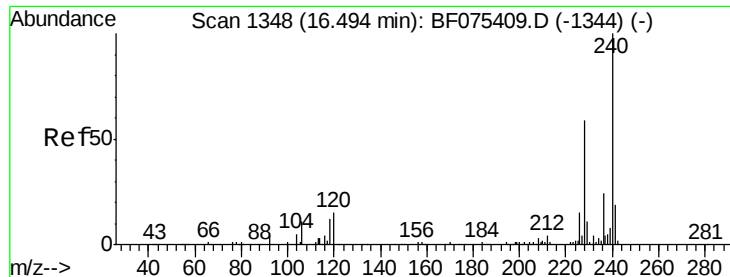
Lab File: BF075574.D

Acq: 16 Nov 2014 10:16



Tgt Ion:	202	Resp:	312292
Ion Ratio	Lower	Upper	
202	100		
101	14.0	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. -0.02 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

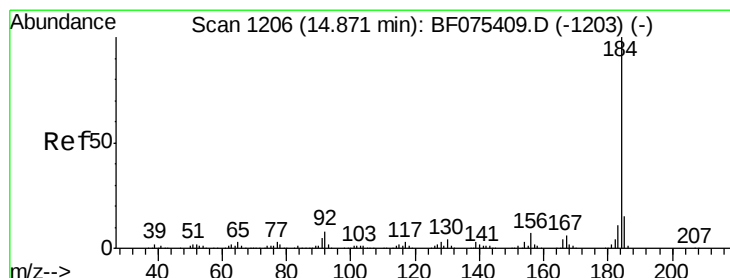
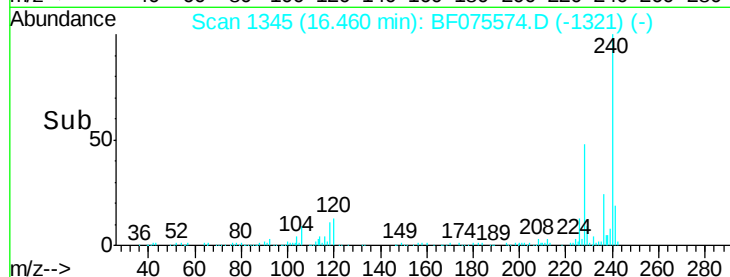
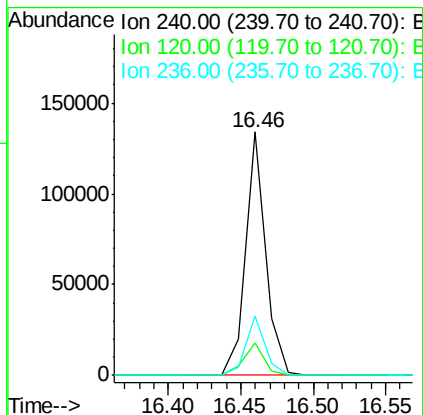
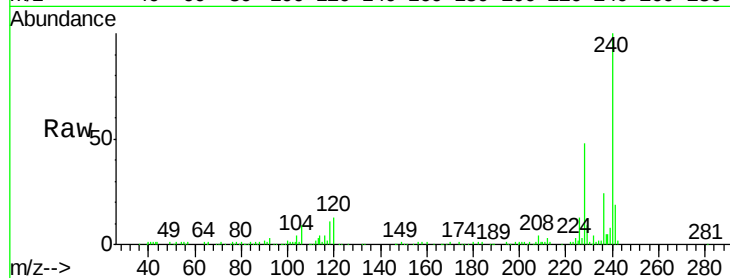
ClientSampleId :

FS-005MS

Tgt Ion:	240	Resp:	128860
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.6	14.4
236	24.3	18.9	28.3

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#76

Benzidine

Concen: 20.81 ng

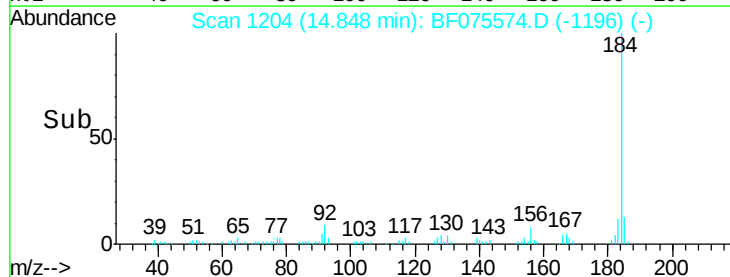
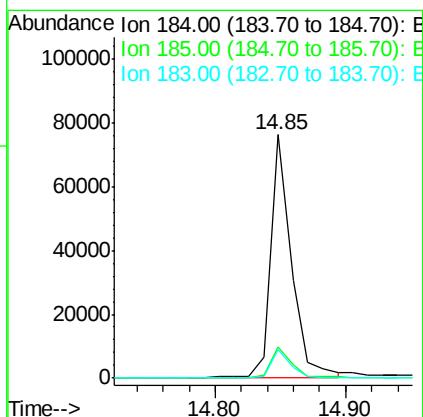
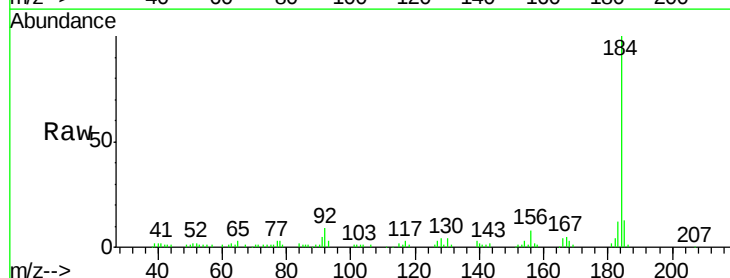
RT: 14.85 min Scan# 1204

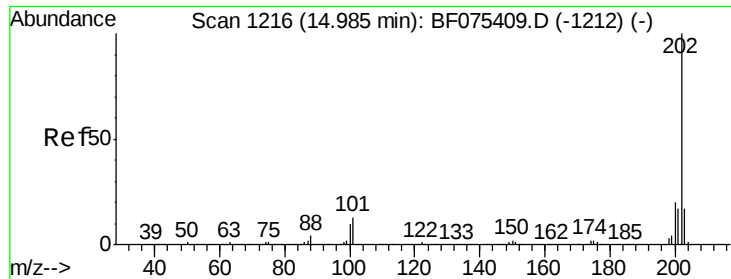
Delta R.T. -0.01 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	184	Resp:	85250
Ion Ratio	Lower	Upper	
184	100		
185	12.9	10.9	16.3
183	11.7	8.7	13.1





#77

Pyrene

Concen: 42.62 ng

RT: 14.96 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

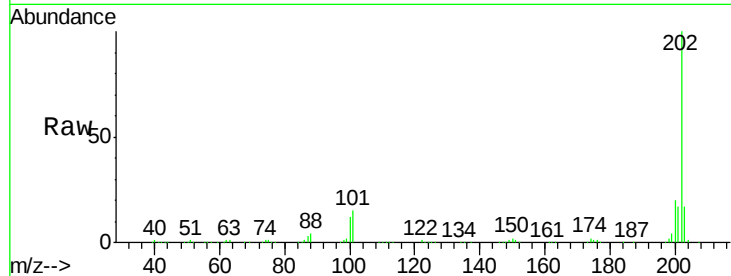
ClientSampleId :

FS-005MS

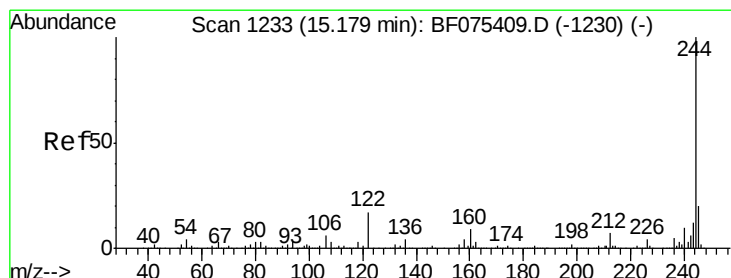
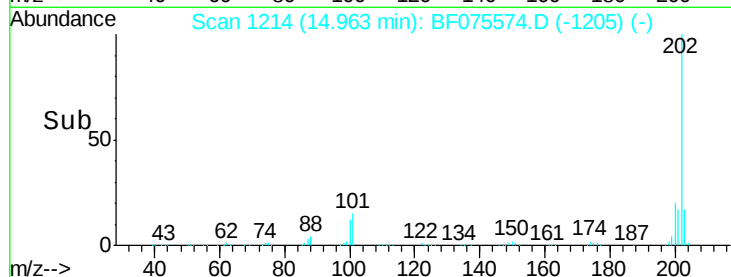
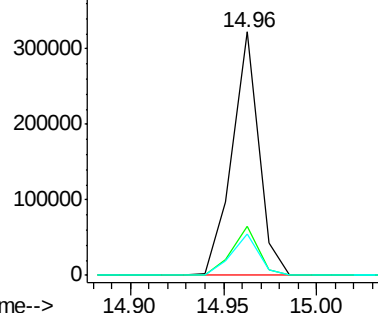
Tgt Ion:	202	Resp:	319296
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	17.2	14.3	21.5

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



#78

Terphenyl-d14

Concen: 76.14 ng

RT: 15.16 min Scan# 1231

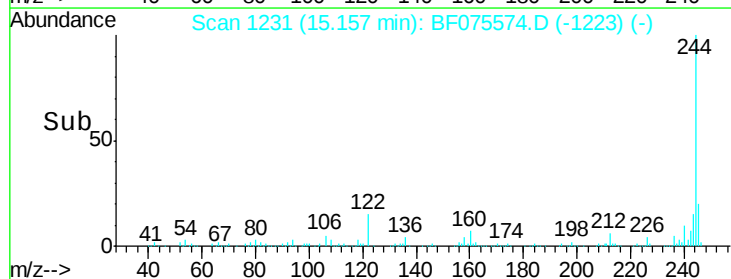
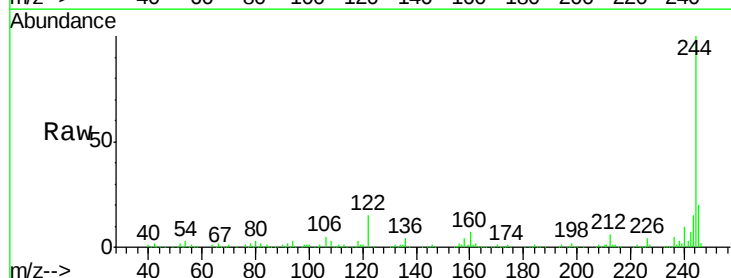
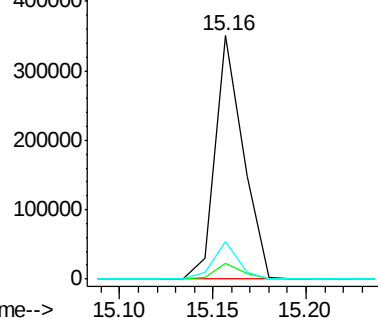
Delta R.T. -0.01 min

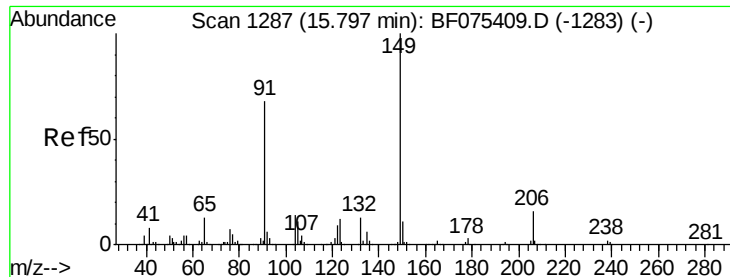
Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion:	244	Resp:	364455
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.5	8.3
122	15.4	9.7	14.5#

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





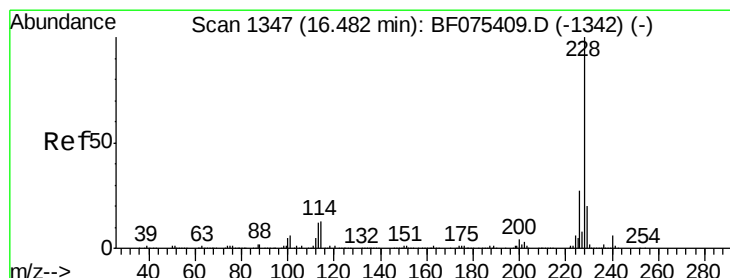
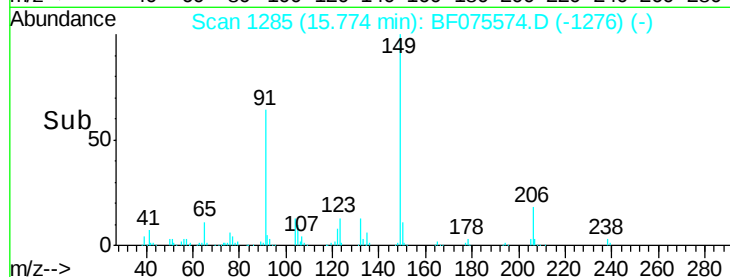
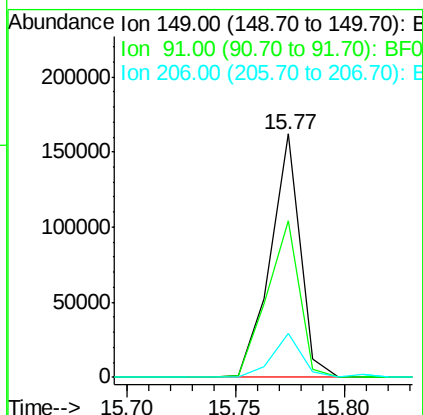
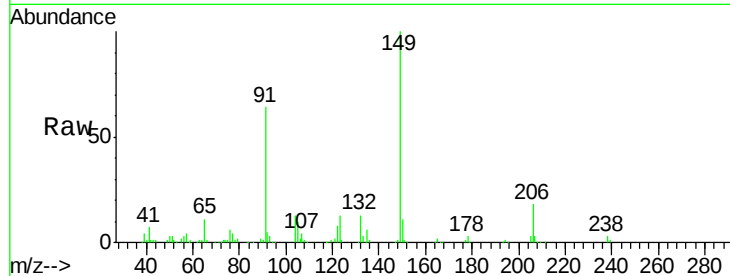
#79
Butylbenzylphthalate
Concen: 37.06 ng
RT: 15.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	155900		
91	64.2	49.0	73.4	
206	18.2	15.5	23.3	

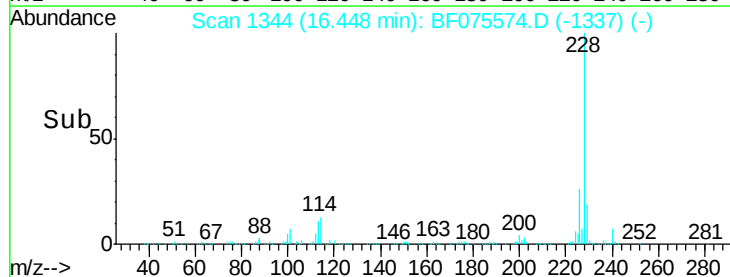
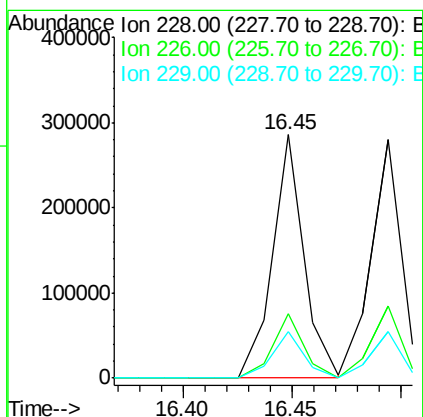
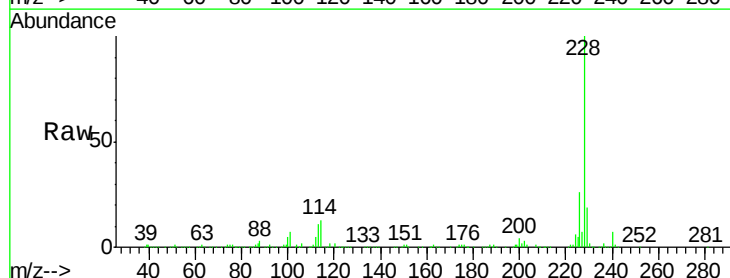
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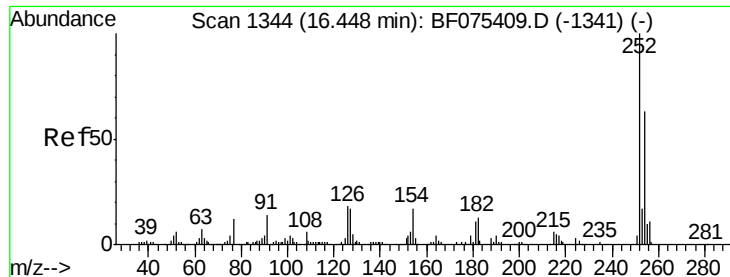
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#80
Benzo(a)anthracene
Concen: 42.89 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	290343		
226	26.5	21.8	32.8	
229	19.0	15.3	22.9	





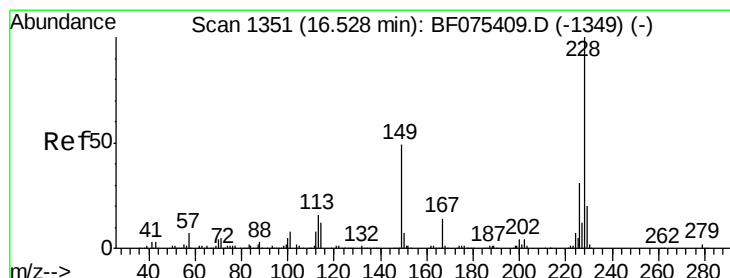
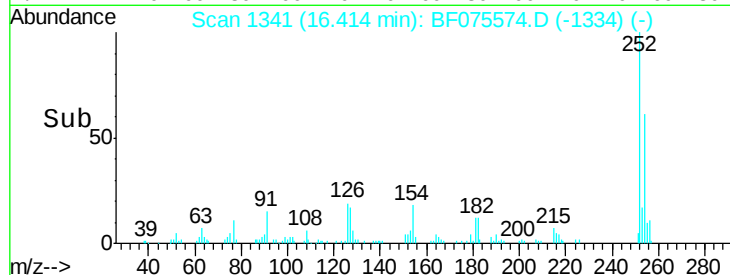
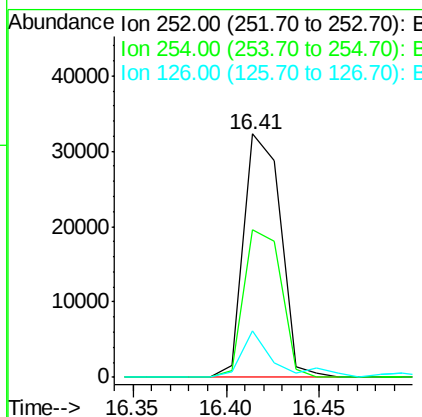
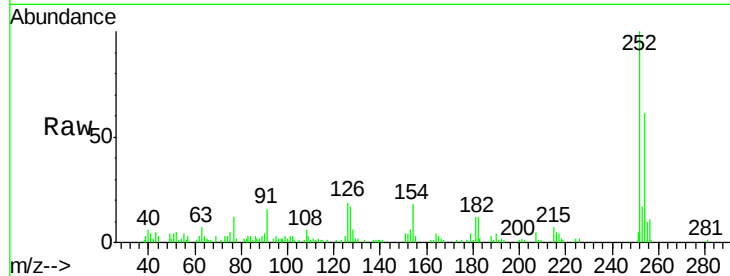
#81
 3,3'-Dichlorobenzidine
 Concen: 17.74 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.8	50.0	75.0
126	19.1	16.0	24.0

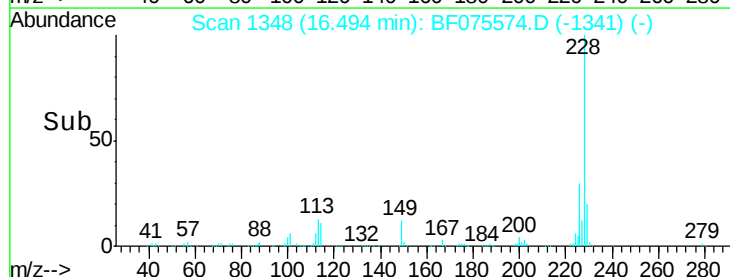
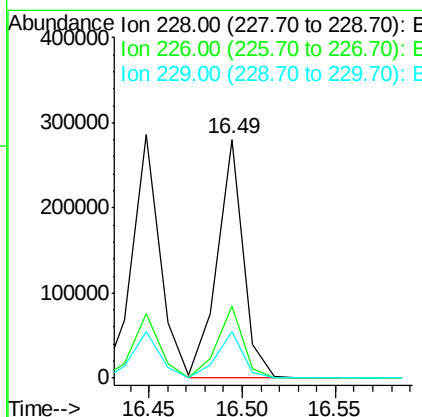
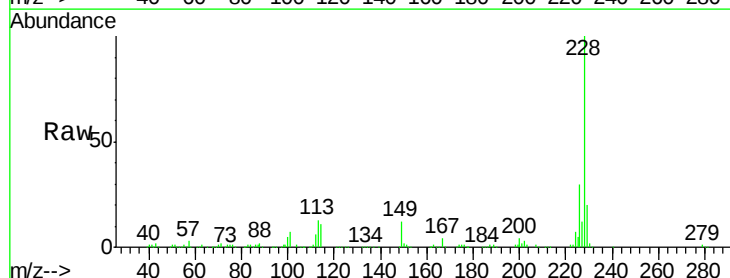
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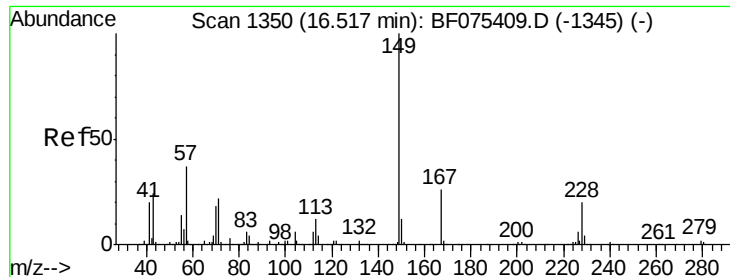
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#82
 Chrysene
 Concen: 46.71 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	19.7	15.8	23.6





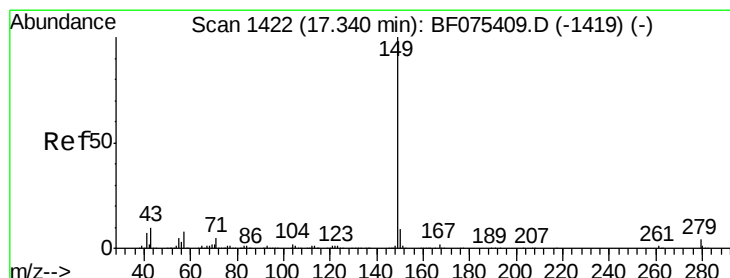
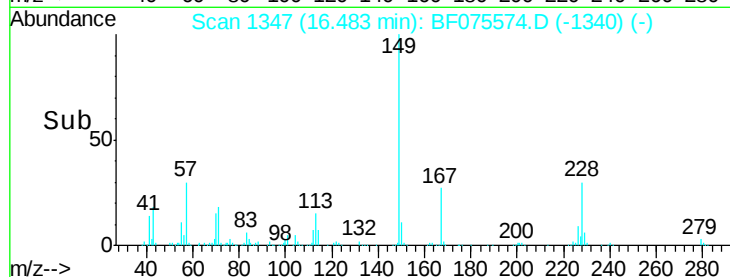
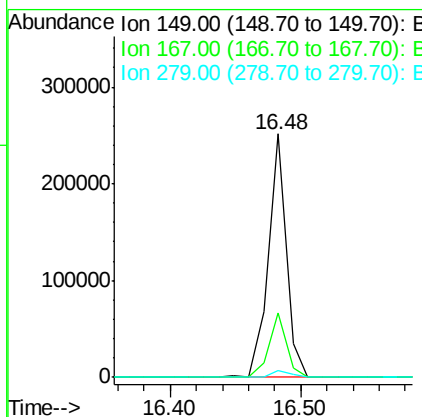
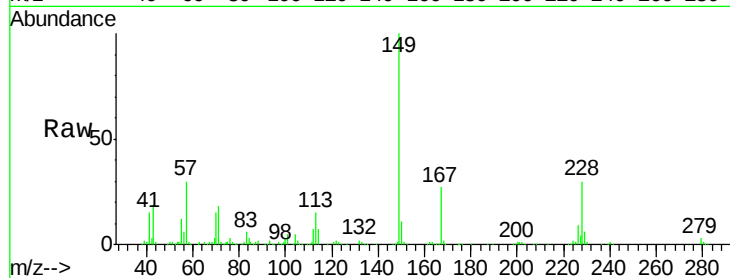
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.07 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	245630		
167	26.6	21.4	32.2	
279	2.9	2.8	4.2	

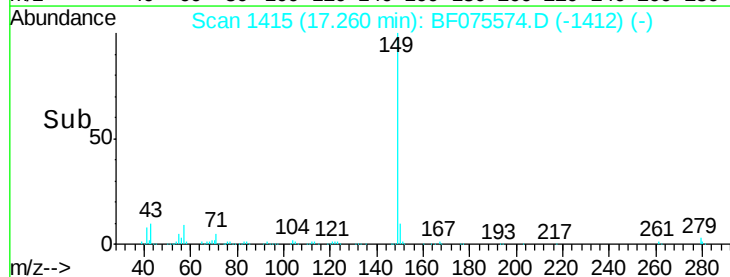
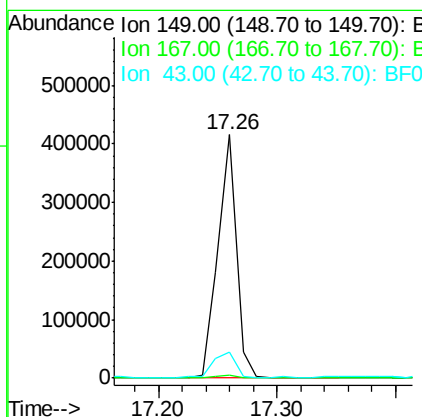
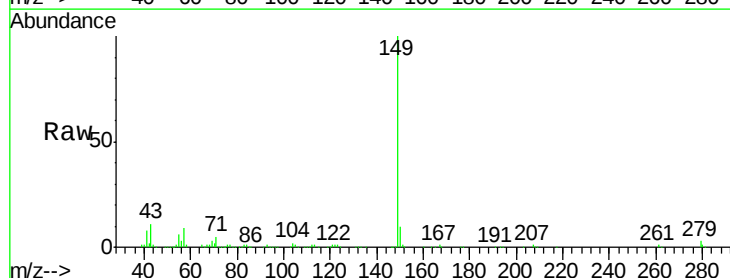
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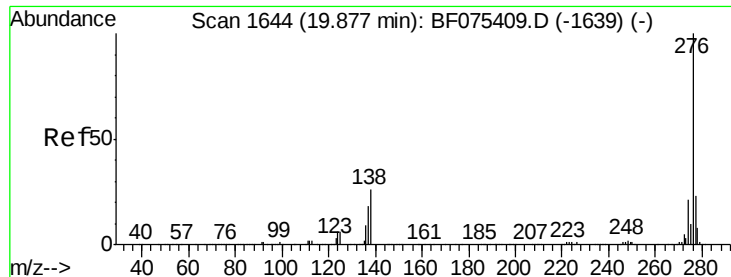
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#84
 Di-n-octyl phthalate
 Concen: 38.26 ng
 RT: 17.26 min Scan# 1415
 Delta R.T. -0.07 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	446386		
167	1.3	1.1	1.7	
43	11.8	11.0	16.4	





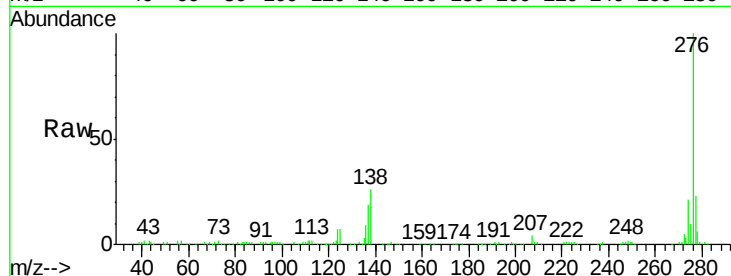
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.25 ng m
 RT: 19.74 min Scan# 1632
 Delta R.T. -0.13 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

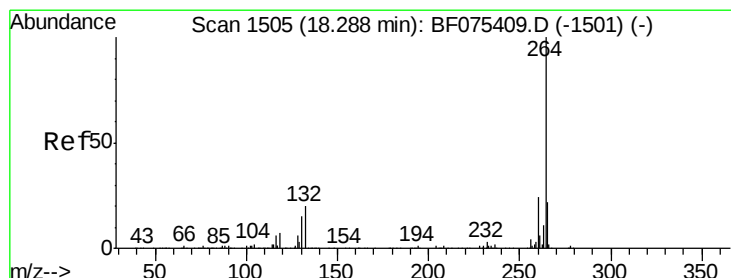
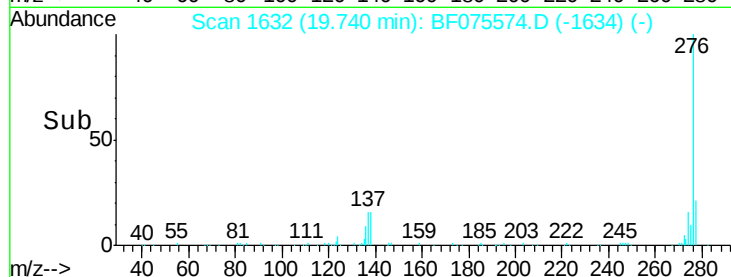
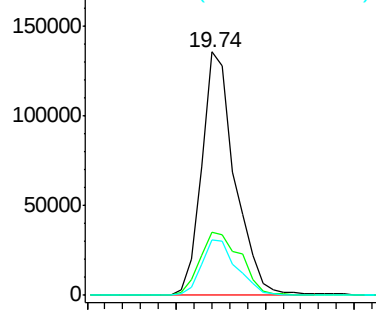
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0

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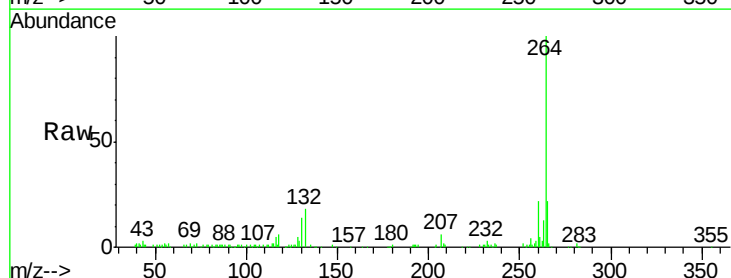


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

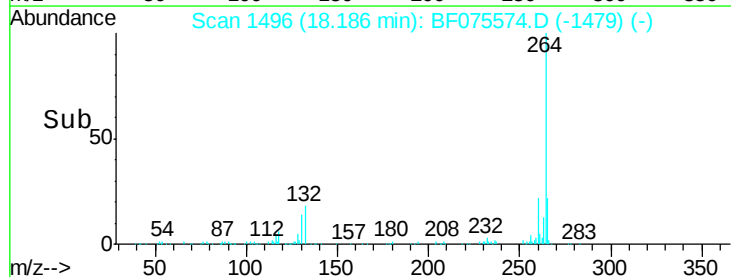
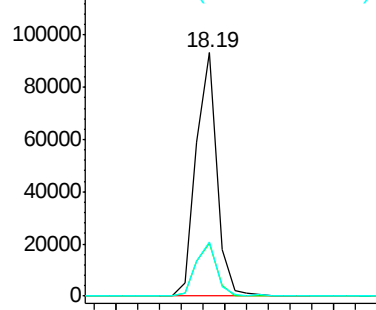


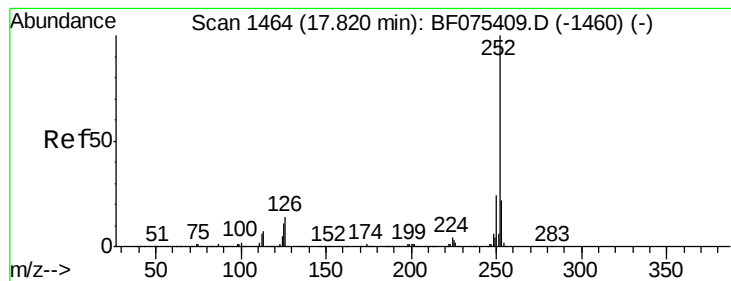
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.19 min Scan# 1496
 Delta R.T. -0.10 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	21.9	17.9	26.9
265	22.4	16.3	24.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.27 ng

RT: 17.72 min Scan# 1455

Delta R.T. -0.09 min

Lab File: BF075574.D

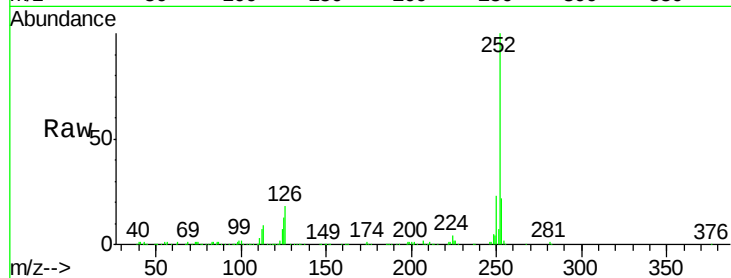
Acq: 16 Nov 2014 10:16

Instrument :

BNA_F

ClientSampleId :

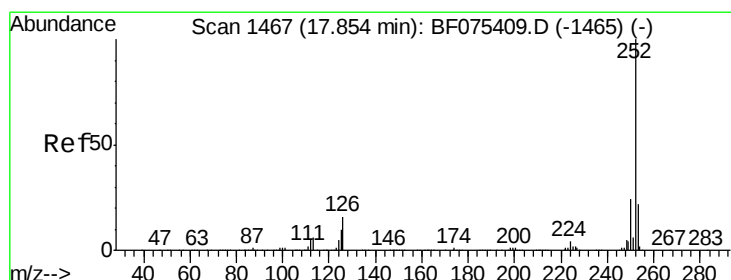
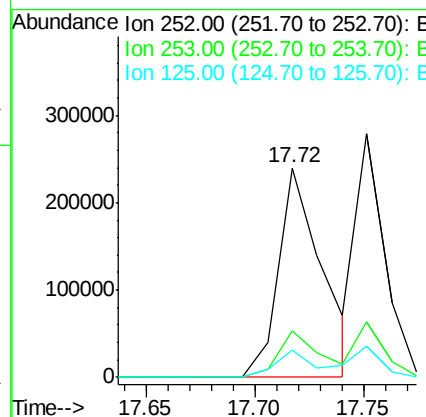
FS-005MS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	13.2	11.8	17.6

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#88

Benzo(k)fluoranthene

Concen: 43.23 ng m

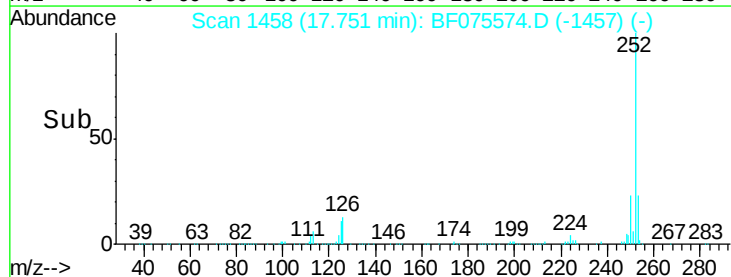
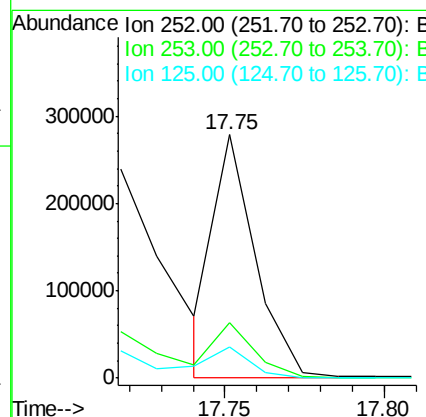
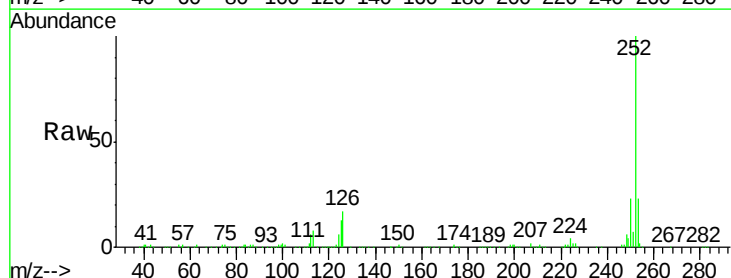
RT: 17.75 min Scan# 1458

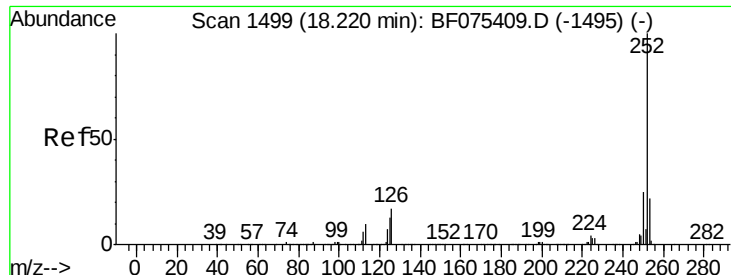
Delta R.T. -0.09 min

Lab File: BF075574.D

Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	13.0	11.6	17.4





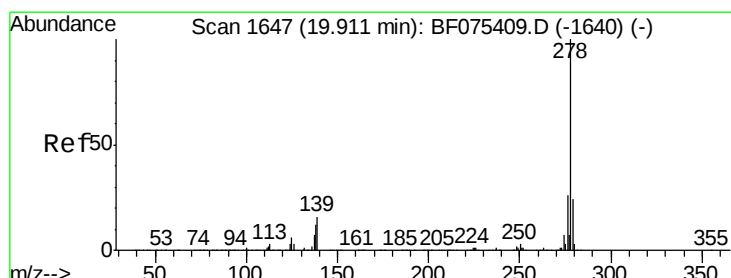
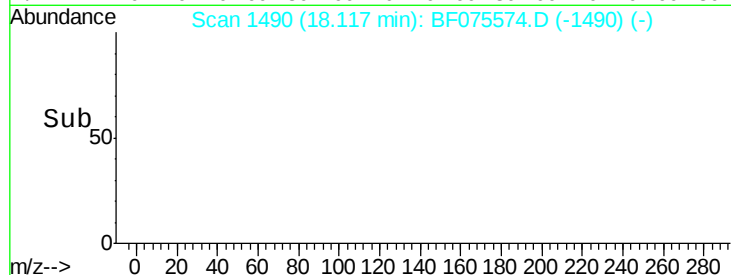
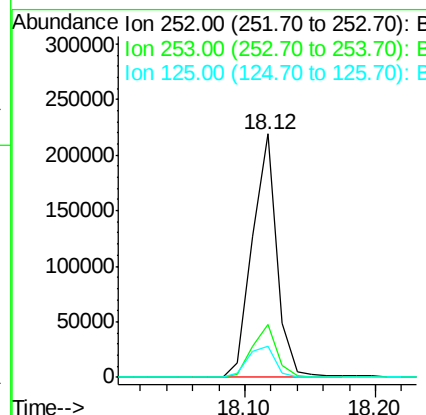
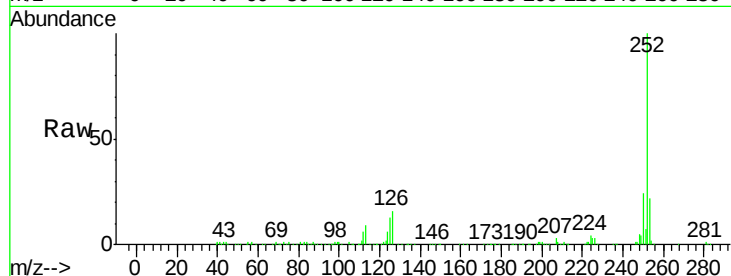
#89
Benzo(a)pyrene
Concen: 48.73 ng
RT: 18.12 min Scan# 1490
Delta R.T. -0.10 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Instrument :
BNA_F
ClientSampleId :
FS-005MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.1	25.7
125	12.8	12.2	18.4

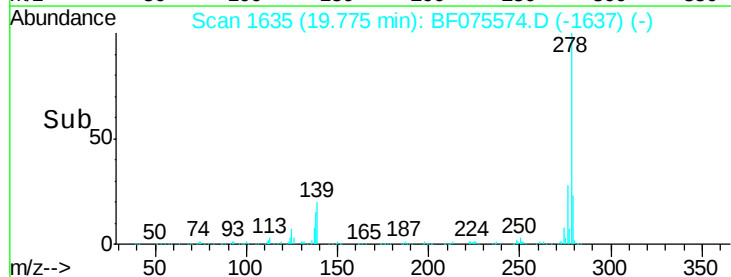
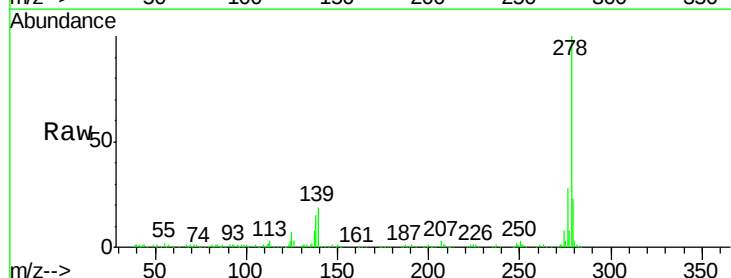
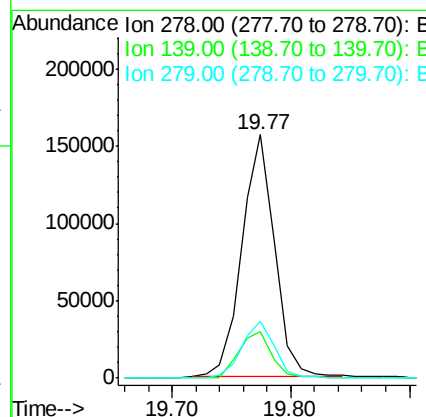
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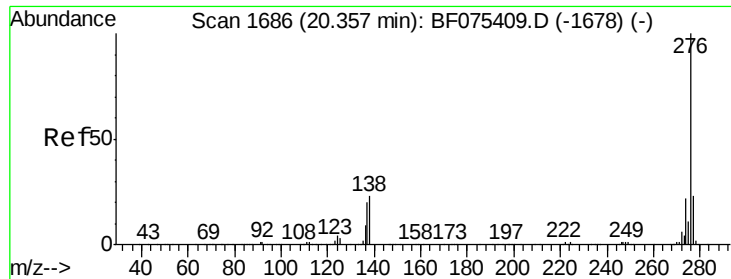
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 49.00 ng
RT: 19.77 min Scan# 1635
Delta R.T. -0.13 min
Lab File: BF075574.D
Acq: 16 Nov 2014 10:16

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.9	13.6	20.4
279	23.3	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 49.76 ng
 RT: 20.21 min Scan# 1673
 Delta R.T. -0.14 min
 Lab File: BF075574.D
 Acq: 16 Nov 2014 10:16

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MS

Tgt	Ion	276	Resp:	291418
	Ratio	Lower	Upper	
276	100			
277	23.7	17.8	26.8	
138	29.8	22.8	34.2	

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:39:24 PM

