

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075575.D
 Acq On : 16 Nov 2014 10:44
 Operator : TP / JJ
 Sample : F4737-05MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

Quant Time: Nov 17 04:34:11 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	44487	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	191323	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	102489	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	184577	20.00	ng	0.00
75) Chrysene-d12	16.46	240	187158	20.00	ng	-0.02
86) Perylene-d12	18.19	264	188527	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	316029	125.50	ng	0.00
7) Phenol-d6	7.11	99	405043	133.76	ng	0.00
23) Nitrobenzene-d5	8.24	82	219605	84.15	ng	-0.01
41) 2,4,6-Tribromophenol	12.30	330	102675	119.61	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	472222	83.26	ng	0.00
78) Terphenyl-d14	15.16	244	496866	71.47	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	35189	33.29	ng	94
3) Pyridine	3.28	79	63404	22.32	ng	92
4) n-Nitrosodimethylamine	3.19	42	49989	33.25	ng	91
6) Aniline	7.13	93	59345	13.57	ng	# 28
8) 2-Chlorophenol	7.29	128	105569	36.22	ng	98
9) Benzaldehyde	7.00	77	5084	2.50	ng	# 80
10) Phenol	7.12	94	138426	37.47	ng	92
11) bis(2-Chloroethyl)ether	7.24	93	109465	39.12	ng	89
12) 1,3-Dichlorobenzene	7.48	146	112094	35.29	ng	95
13) 1,4-Dichlorobenzene	7.58	146	116751	36.13	ng	95
14) 1,2-Dichlorobenzene	7.76	146	113549	37.48	ng	94
15) Benzyl Alcohol	7.73	79	88686	37.31	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	224809	38.81	ng	96
17) 2-Methylphenol	7.88	107	91302	37.84	ng	96
18) Hexachloroethane	8.18	117	41168	37.16	ng	# 77
19) n-Nitroso-di-n-propylamine	8.06	70	75824	36.75	ng	95
20) 3+4-Methylphenols	8.07	107	117594	37.22	ng	# 67
22) Acetophenone	8.06	105	166707	40.39	ng	# 94
24) Nitrobenzene	8.26	77	111580	36.90	ng	93
25) Isophorone	8.56	82	219617	36.86	ng	# 93
26) 2-Nitrophenol	8.66	139	56442	40.96	ng	# 78
27) 2,4-Dimethylphenol	8.72	122	100466	37.62	ng	99
28) bis(2-Chloroethoxy)methane	8.84	93	137097	37.76	ng	97
29) 2,4-Dichlorophenol	8.96	162	90245	38.57	ng	97
30) 1,2,4-Trichlorobenzene	9.06	180	92654	37.71	ng	94
31) Naphthalene	9.17	128	332545	38.99	ng	99
32) Benzoic acid	8.82	122	8639	5.35	ng	96
33) 4-Chloroaniline	9.24	127	55454	14.96	ng	95
34) Hexachlorobutadiene	9.32	225	47373	35.68	ng	96
35) Caprolactam	9.65	113	31706	40.89	ng	# 83
36) 4-Chloro-3-methylphenol	9.84	107	96037	37.41	ng	# 87
37) 2-Methylnaphthalene	10.02	142	231225	39.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	86670	41.14	ng	98
40) Hexachlorocyclopentadiene	10.22	237	93972	73.43	ng	96

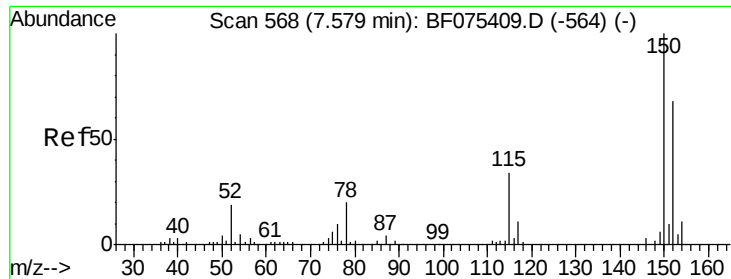
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075575.D
 Acq On : 16 Nov 2014 10:44
 Operator : TP / JJ
 Sample : F4737-05MSD
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Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

Quant Time: Nov 17 04:34:11 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)
42) 2,4,6-Trichlorophenol	10.38	196	61235	36.55	ng	97
43) 2,4,5-Trichlorophenol	10.42	196	67082	38.45	ng	98
45) 1,1'-Biphenyl	10.61	154	274035	39.64	ng	96
46) 2-Chloronaphthalene	10.63	162	218182	40.36	ng	93
47) 2-Nitroaniline	10.76	65	66426	40.84	ng	# 63
48) Acenaphthylene	11.14	152	377720	42.38	ng	100
49) Dimethylphthalate	10.98	163	282161	40.27	ng	99
50) 2,6-Dinitrotoluene	11.06	165	56245	40.76	ng	# 59
51) Acenaphthene	11.36	154	205185	38.14	ng	99
52) 3-Nitroaniline	11.26	138	40563	24.93	ng	83
53) 2,4-Dinitrophenol	11.40	184	38214	56.69	ng	# 78
54) Dibenzofuran	11.58	168	295212	38.40	ng	# 89
55) 4-Nitrophenol	11.48	139	100464	77.24	ng	90
56) 2,4-Dinitrotoluene	11.56	165	73517	40.55	ng	# 78
57) Fluorene	12.00	166	249210	40.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	51961	37.52	ng	# 96
59) Diethylphthalate	11.87	149	260800	35.87	ng	98
60) 4-Chlorophenyl-phenylether	12.00	204	101773	38.07	ng	97
61) 4-Nitroaniline	12.03	138	65279	40.13	ng	# 76
62) Azobenzene	12.20	77	236547	36.98	ng	95
64) 4,6-Dinitro-2-methylphenol	12.06	198	30369	32.53	ng	# 56
65) n-Nitrosodiphenylamine	12.15	169	210749	36.10	ng	99
66) 4-Bromophenyl-phenylether	12.61	248	62794	36.16	ng	# 73
67) Hexachlorobenzene	12.68	284	71796	36.41	ng	96
68) Atrazine	12.81	200	62953	34.75	ng	99
69) Pentachlorophenol	12.93	266	69290	55.98	ng	97
70) Phenanthrene	13.20	178	364792	37.55	ng	98
71) Anthracene	13.26	178	374587	37.31	ng	99
72) Carbazole	13.47	167	367334	37.39	ng	100
73) Di-n-butylphthalate	13.90	149	458536	33.79	ng	99
74) Fluoranthene	14.68	202	388871	37.38	ng	98
76) Benzidine	14.85	184	171244	28.77	ng	99
77) Pyrene	14.96	202	409978	37.68	ng	99
79) Butylbenzylphthalate	15.77	149	207233	33.91	ng	99
80) Benzo(a)anthracene	16.45	228	374070	38.05	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	75686	20.85	ng	97
82) Chrysene	16.49	228	361773	42.54	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	304759	31.66	ng	99
84) Di-n-octyl phthalate	17.26	149	550410	32.48	ng	96
87) Benzo(b)fluoranthene	17.73	252	391774	38.87	ng	# 95
88) Benzo(k)fluoranthene	17.73	252	391774	43.31	ng	# 95
89) Benzo(a)pyrene	18.12	252	360505	39.97	ng	98
90) Dibenzo(a,h)anthracene	19.77	278	371589	39.45	ng	98
91) Benzo(g,h,i)perylene	20.22	276	358671	39.97	ng	96

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

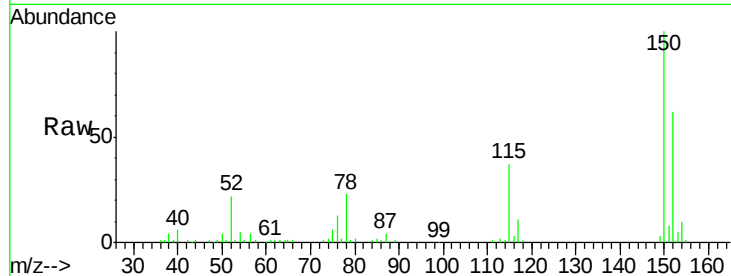


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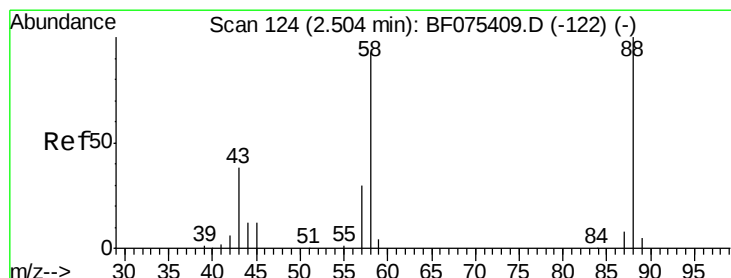
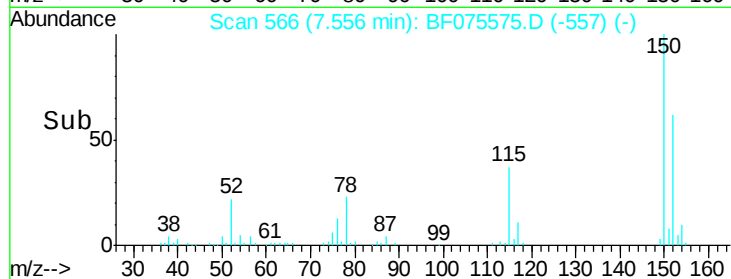
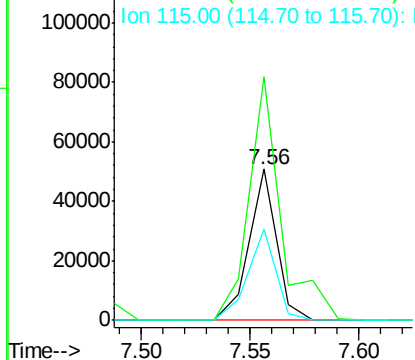
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion:152 Resp: 44487
Ion Ratio Lower Upper
152 100
150 161.2 127.2 190.8
115 60.3 57.1 85.7



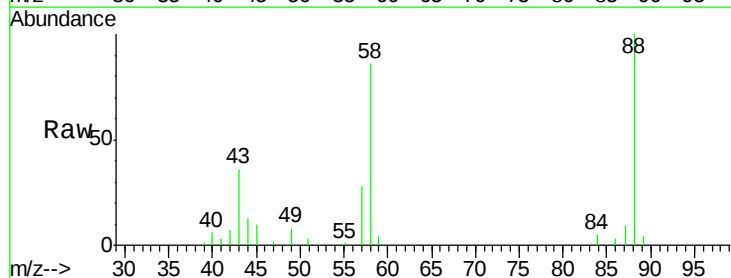
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



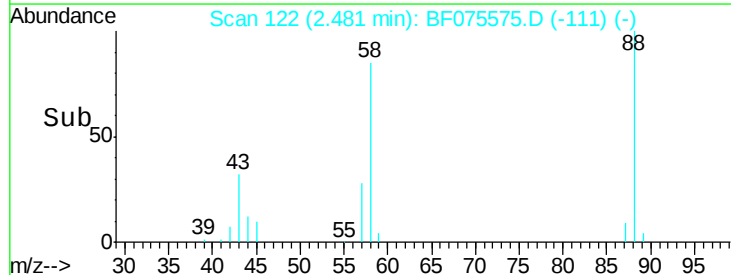
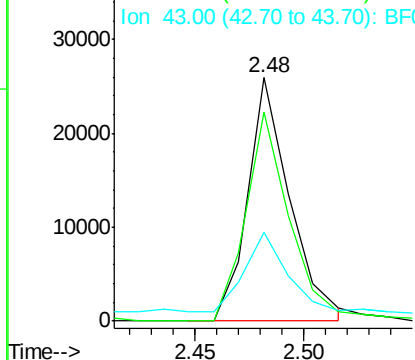
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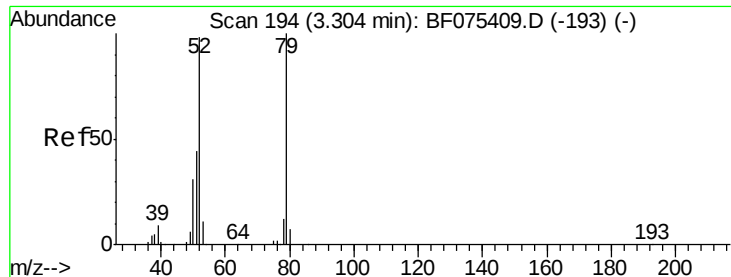
1,4-Dioxane
Concen: 33.29 ng
RT: 2.48 min Scan# 122
Delta R.T. 0.02 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion: 88 Resp: 35189
Ion Ratio Lower Upper
88 100
58 88.2 73.5 110.3
43 32.5 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: 22.32 ng

RT: 3.28 min Scan# 192

Delta R.T. 0.02 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

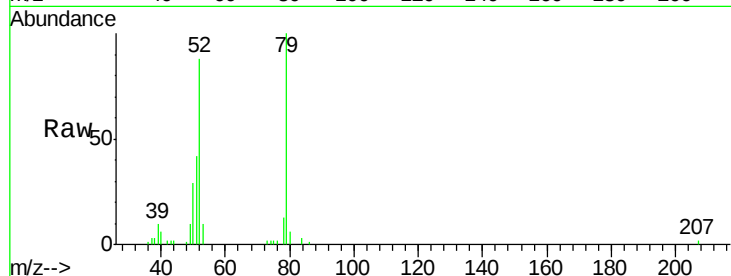
Tgt Ion: 79 Resp: 63404

Ion Ratio Lower Upper

79 100

52 88.1 76.6 115.0

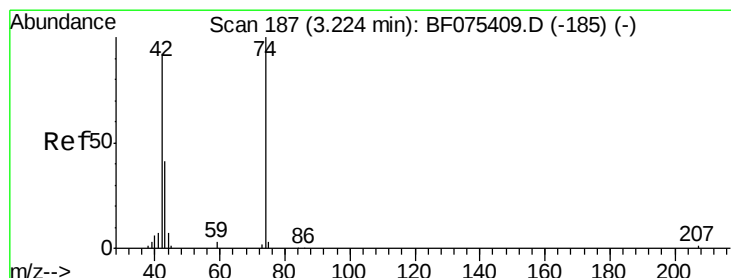
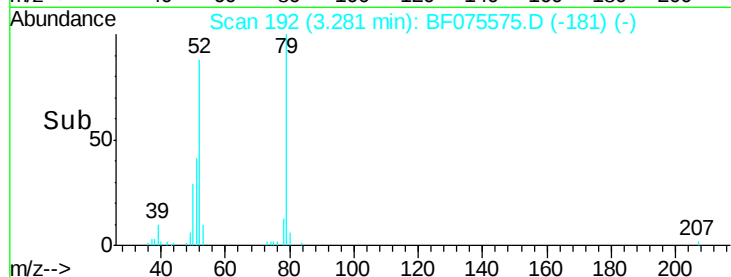
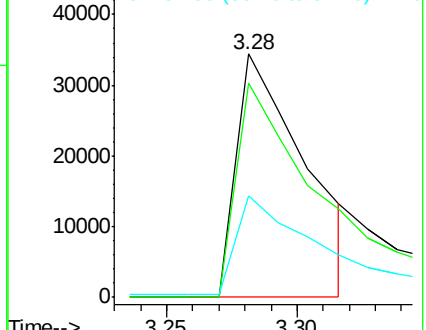
51 41.7 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.25 ng

RT: 3.19 min Scan# 184

Delta R.T. 0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

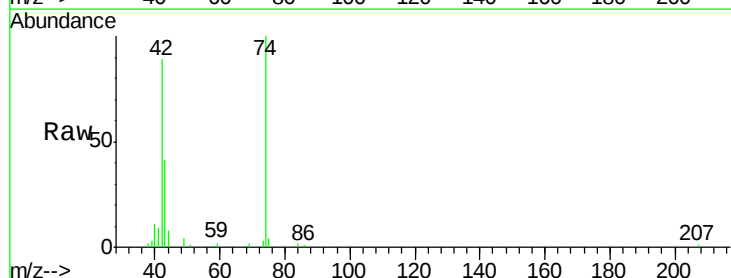
Tgt Ion: 42 Resp: 49989

Ion Ratio Lower Upper

42 100

74 112.9 82.4 123.6

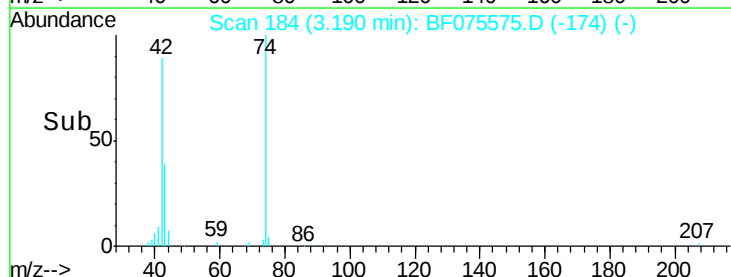
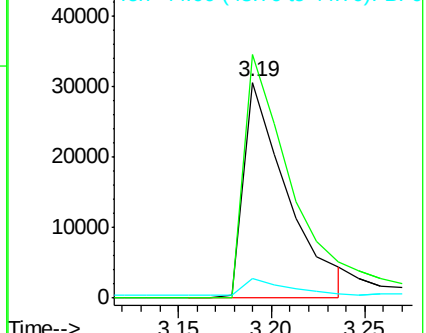
44 8.9 8.2 12.4

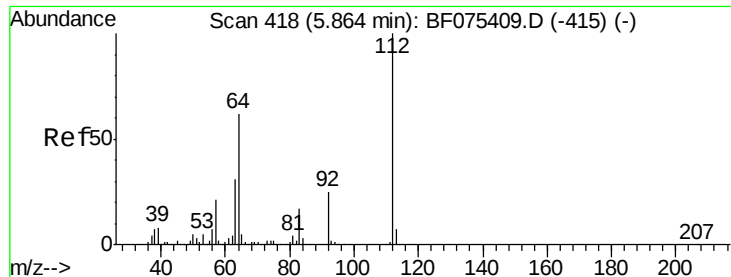


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.50 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

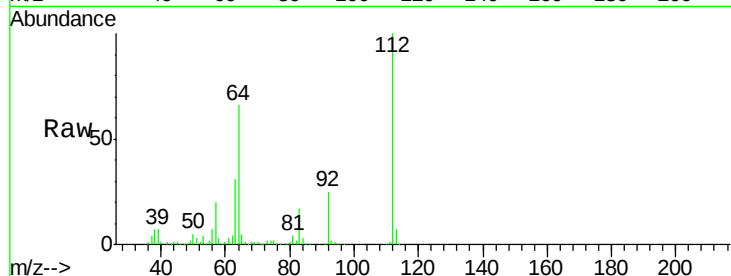
Tgt Ion: 112 Resp: 316029

Ion Ratio Lower Upper

112 100

64 65.7 45.8 68.6

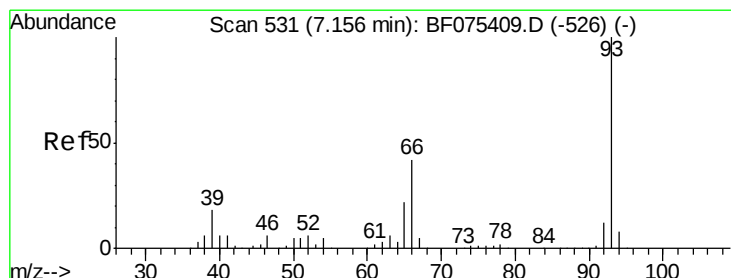
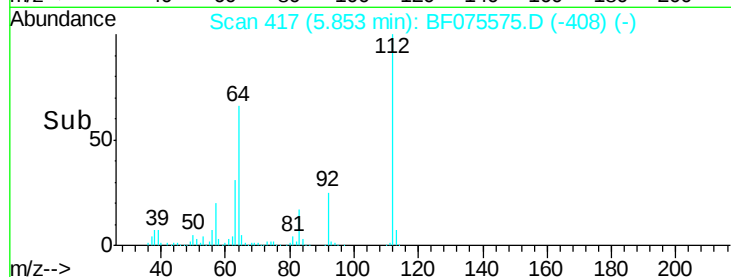
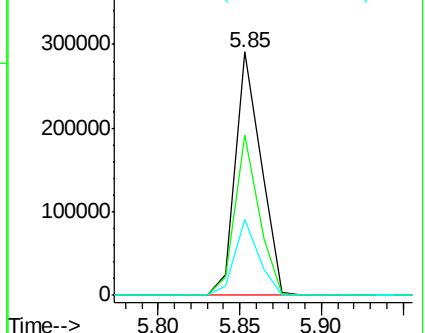
63 31.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.57 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

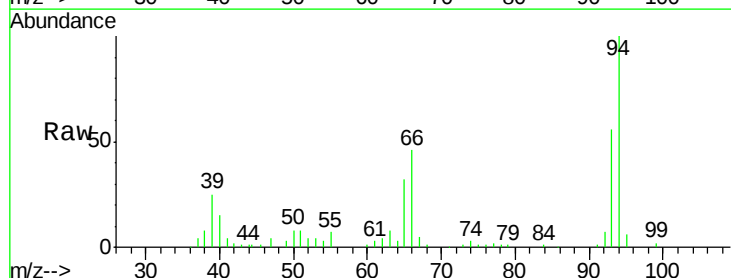
Tgt Ion: 93 Resp: 59345

Ion Ratio Lower Upper

93 100

66 82.7 31.8 47.8#

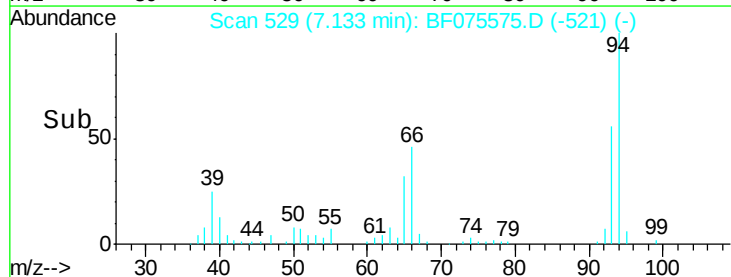
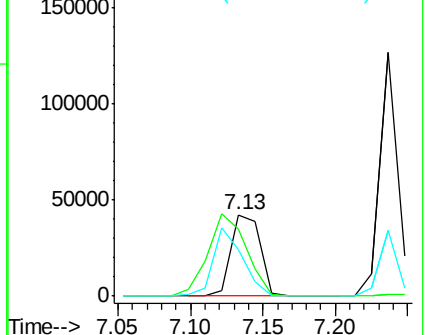
65 57.1 16.6 25.0#

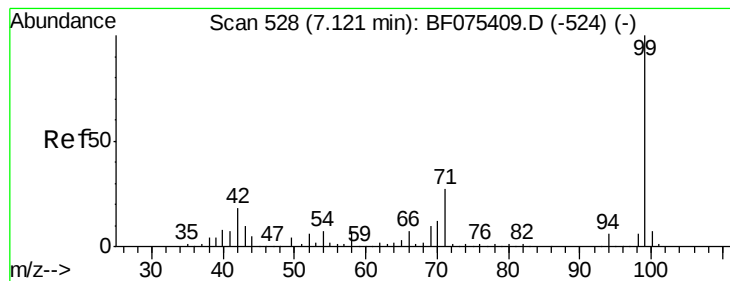


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.76 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

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ClientSampleId :

FS-005MSD

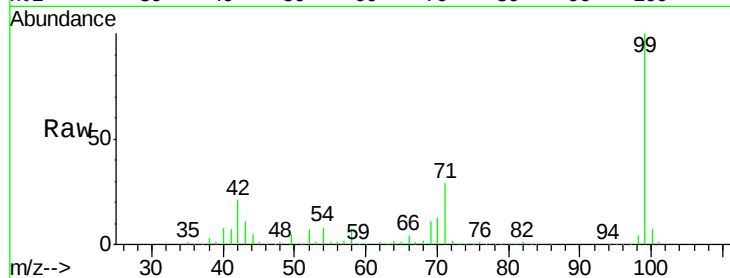
Tgt Ion: 99 Resp: 405043

Ion Ratio Lower Upper

99 100

42 20.7 19.8 29.6

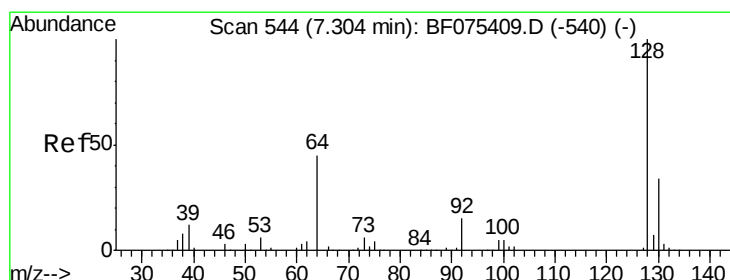
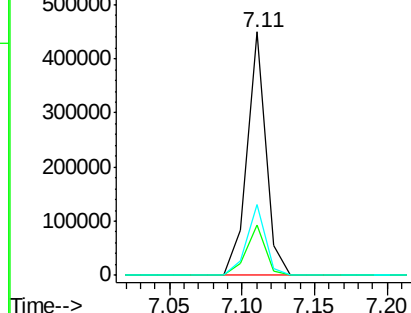
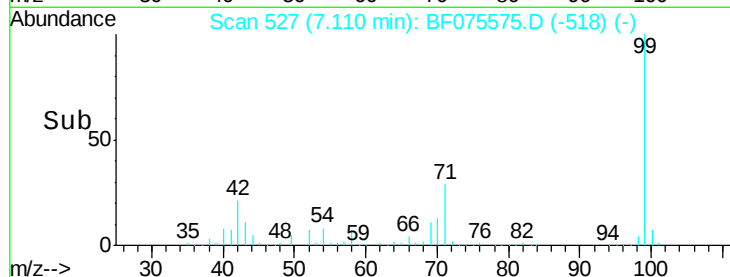
71 29.2 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.22 ng

RT: 7.29 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

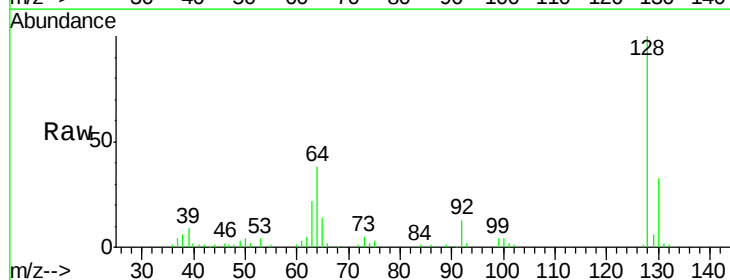
Tgt Ion: 128 Resp: 105569

Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

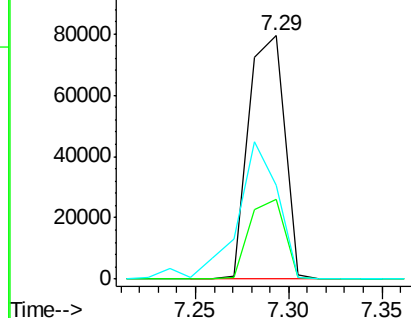
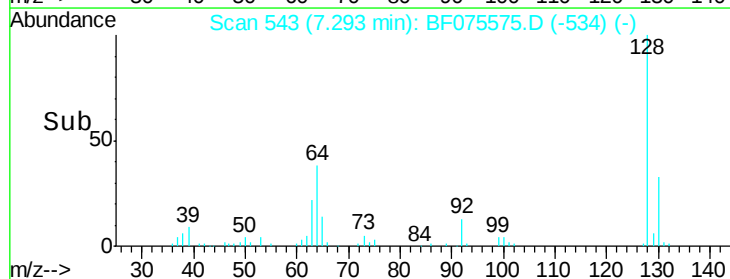
64 38.4 20.3 60.3

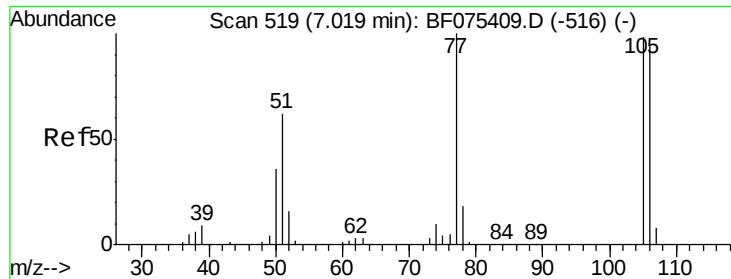


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.50 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

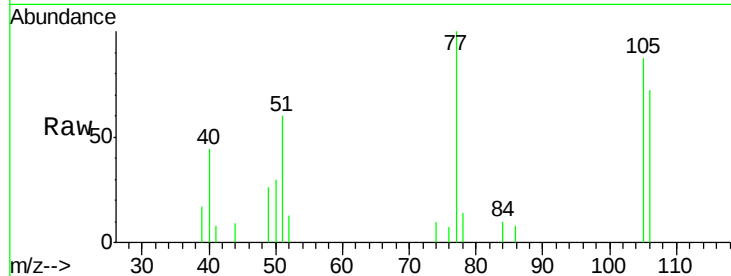
Tgt Ion: 77 Resp: 5084

Ion Ratio Lower Upper

77 100

105 87.3 81.6 121.6

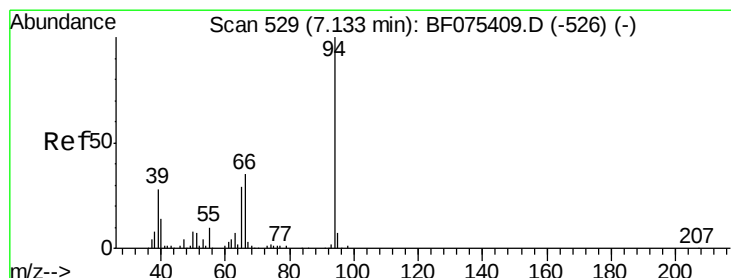
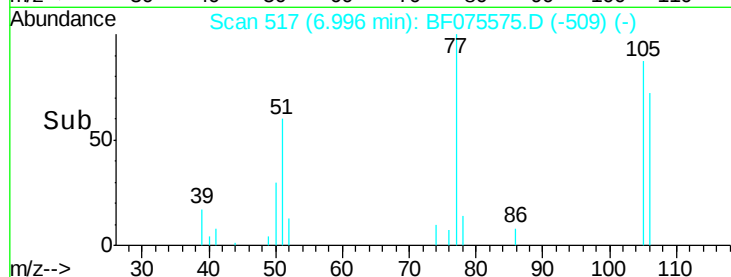
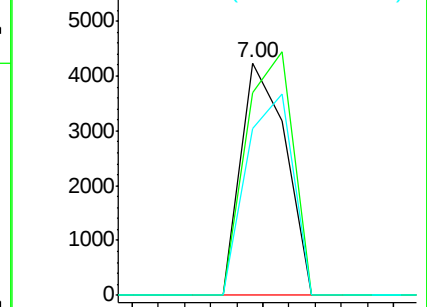
106 71.8 77.5 117.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.47 ng

RT: 7.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

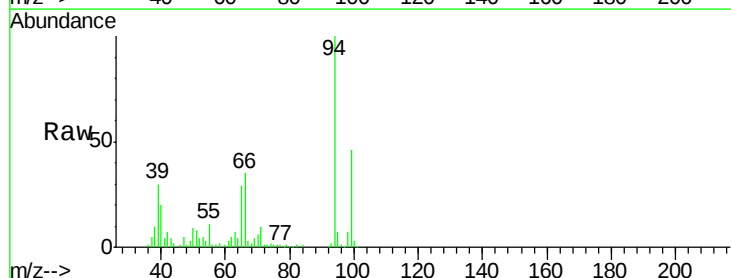
Tgt Ion: 94 Resp: 138426

Ion Ratio Lower Upper

94 100

65 29.5 13.1 53.1

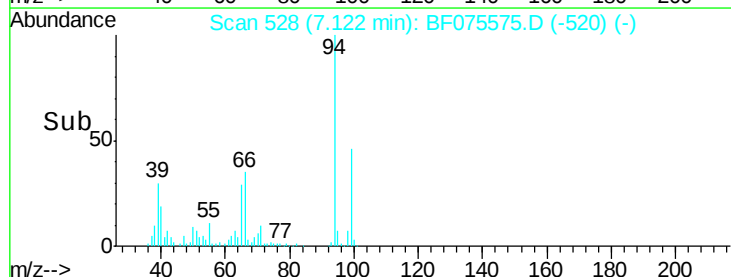
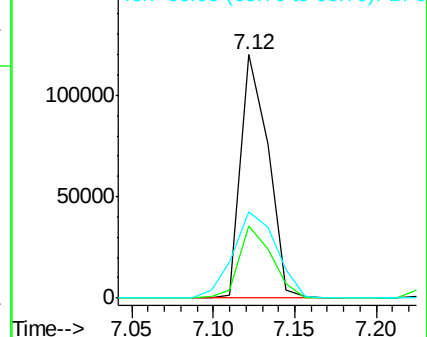
66 35.4 20.8 60.8

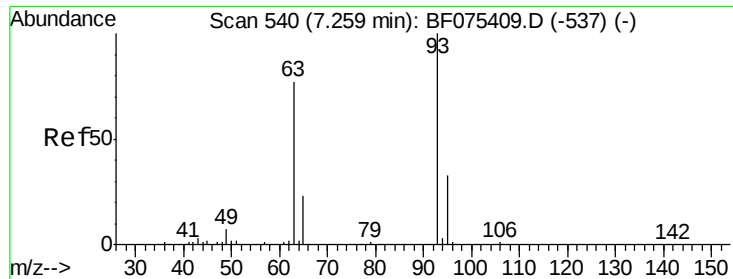


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.12 ng

RT: 7.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

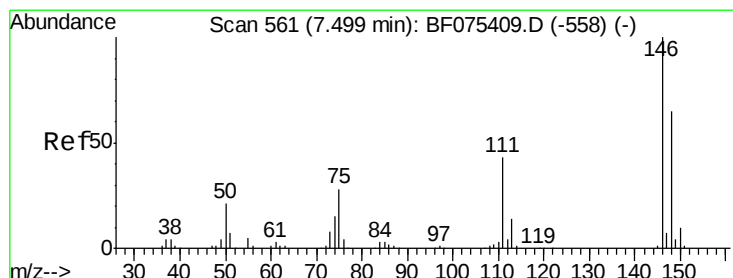
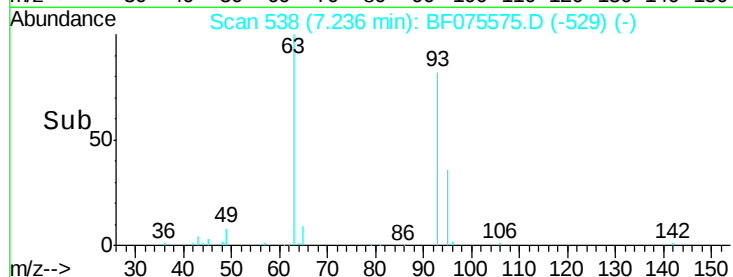
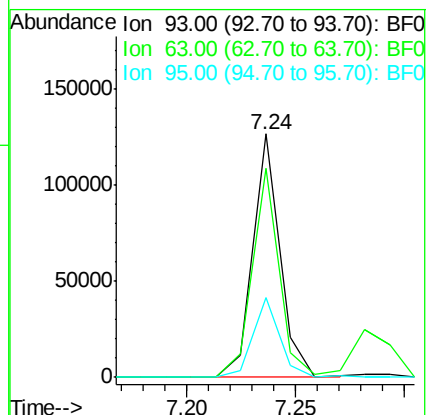
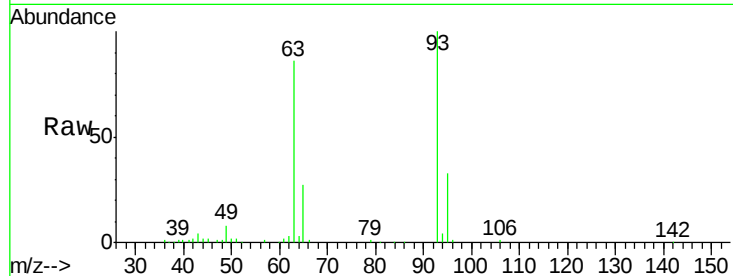
Tgt Ion: 93 Resp: 109465

Ion Ratio Lower Upper

93 100

63 86.0 79.8 119.8

95 32.8 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 35.29 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

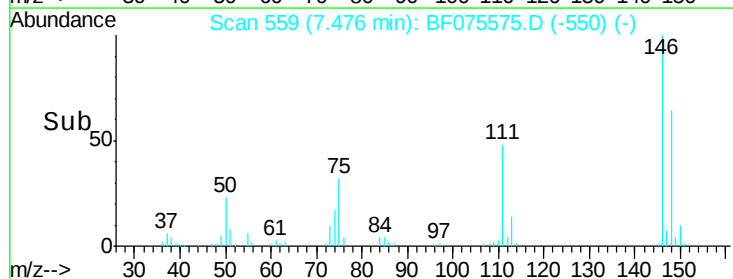
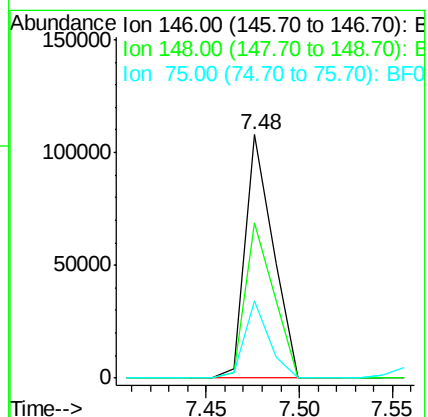
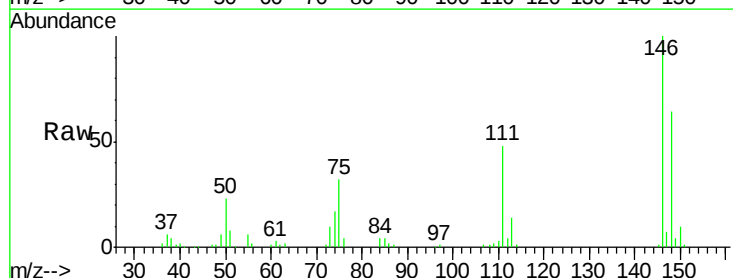
Tgt Ion: 146 Resp: 112094

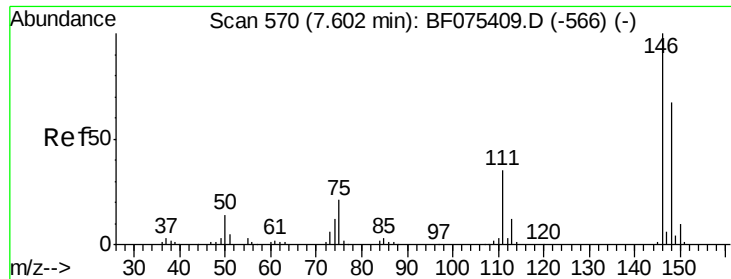
Ion Ratio Lower Upper

146 100

148 63.9 53.1 79.7

75 31.5 21.5 32.3

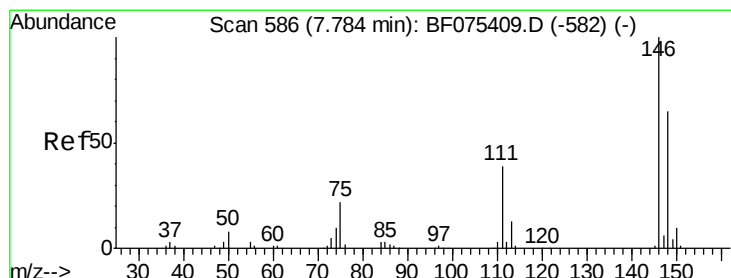
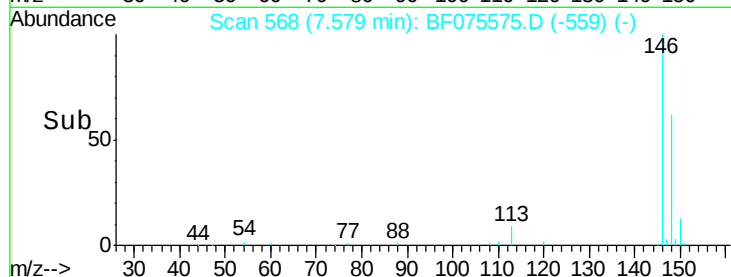
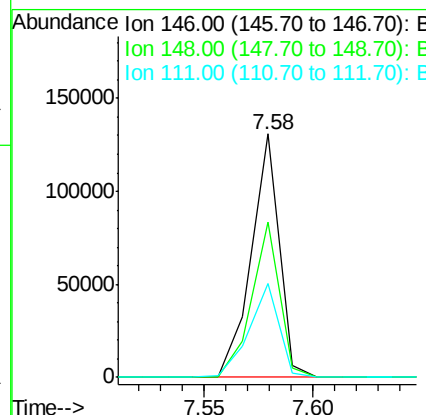
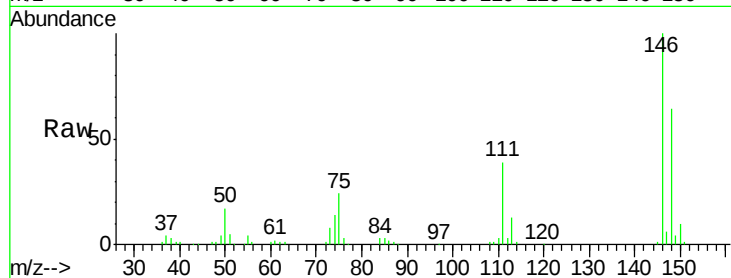




#13
 1,4-Dichlorobenzene
 Concen: 36.13 ng
 RT: 7.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

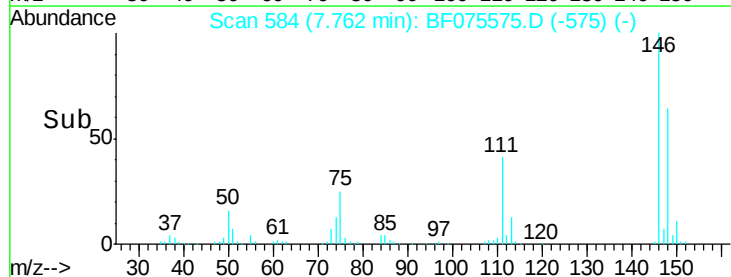
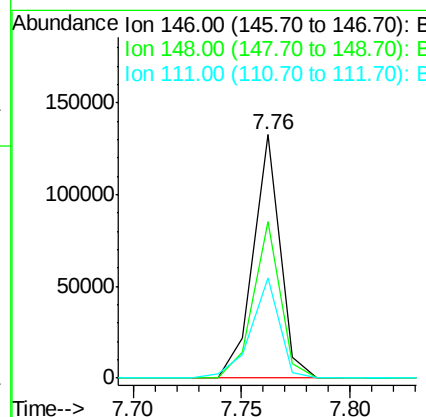
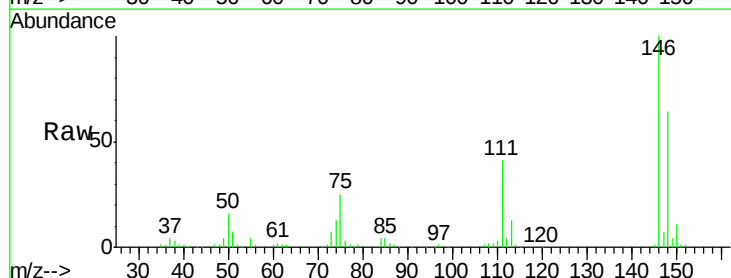
Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

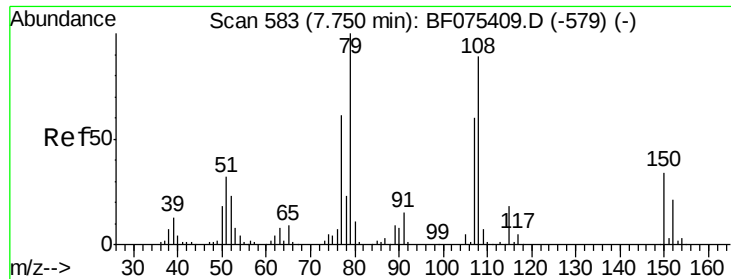
Tgt Ion:146 Resp: 116751
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.9 74.9
 111 38.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 37.48 ng
 RT: 7.76 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion:146 Resp: 113549
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.7 76.1
 111 41.4 39.9 59.9





#15

Benzyl Alcohol

Concen: 37.31 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

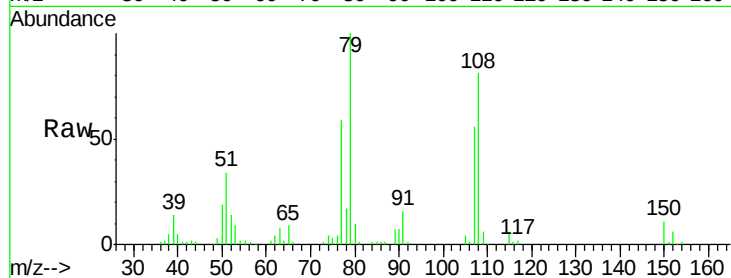
Tgt Ion: 79 Resp: 88686

Ion Ratio Lower Upper

79 100

108 80.9 75.5 113.3

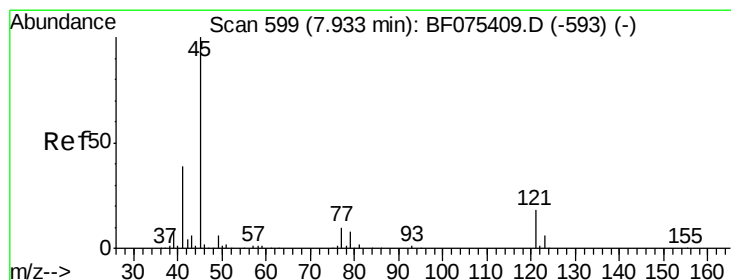
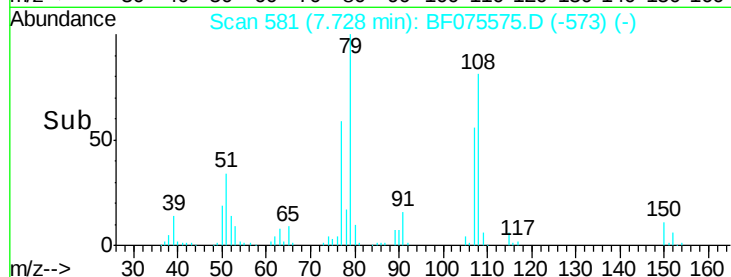
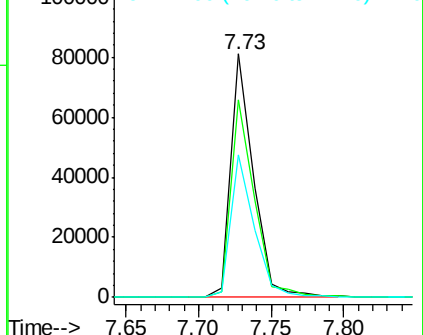
77 58.7 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.81 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

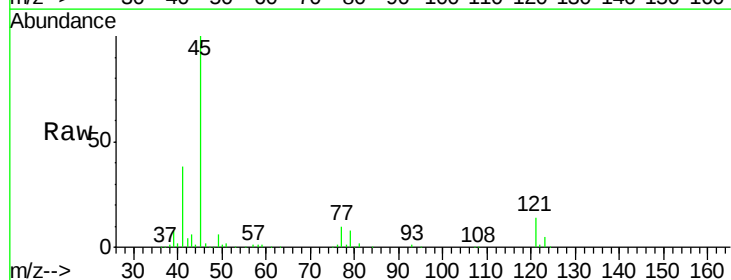
Tgt Ion: 45 Resp: 224809

Ion Ratio Lower Upper

45 100

77 9.8 0.0 28.6

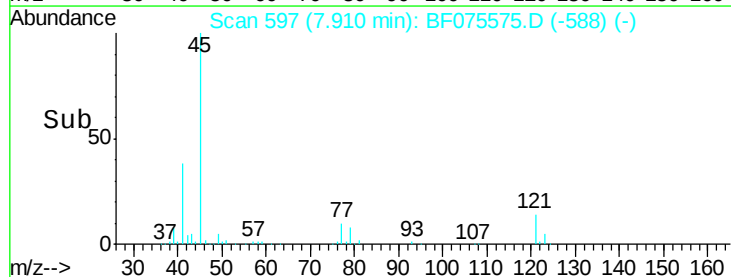
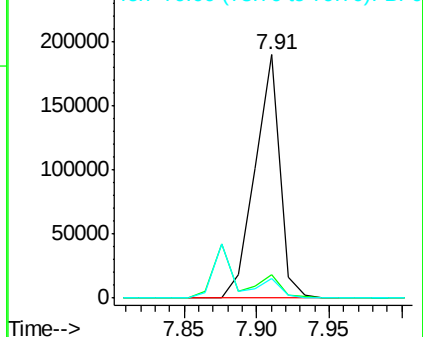
79 7.9 0.0 26.5

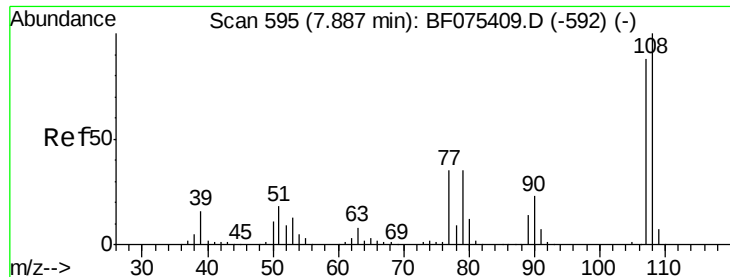


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

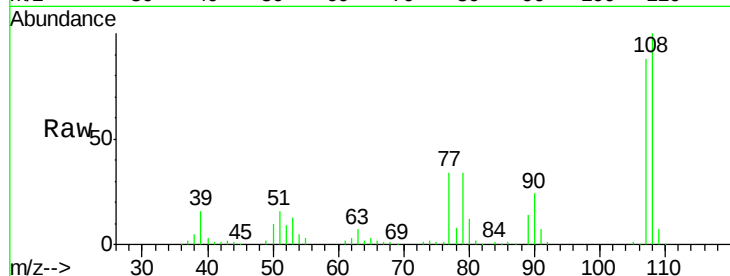




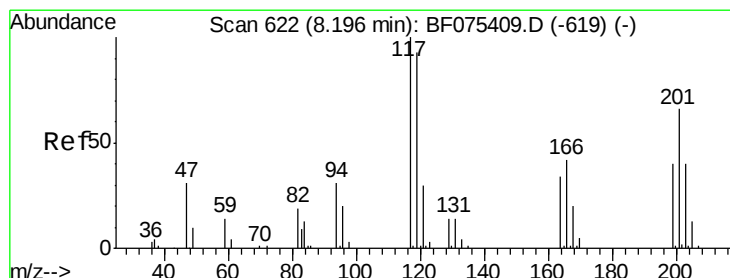
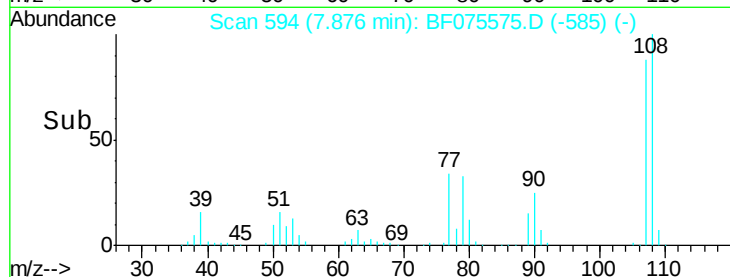
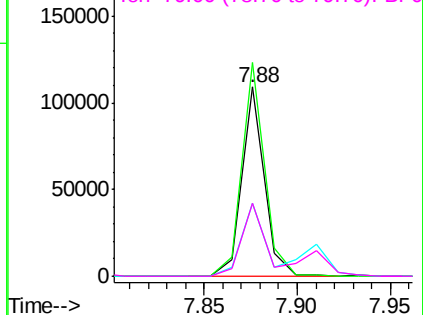
#17
2-Methylphenol
Concen: 37.84 ng
RT: 7.88 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion:107 Resp: 91302
Ion Ratio Lower Upper
107 100
108 113.0 95.6 143.4
77 38.5 30.2 45.4
79 38.6 31.3 46.9

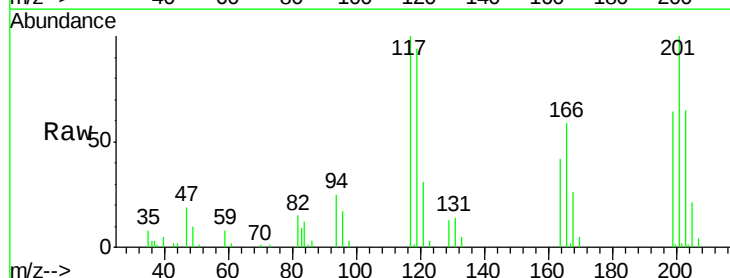


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

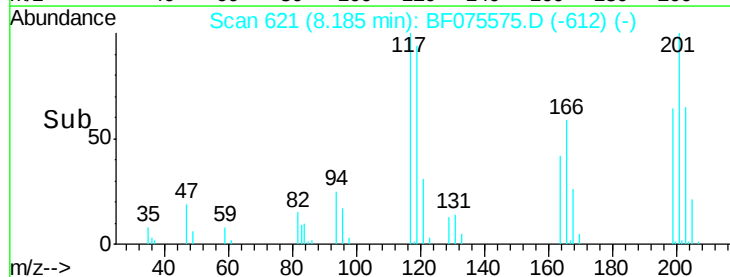
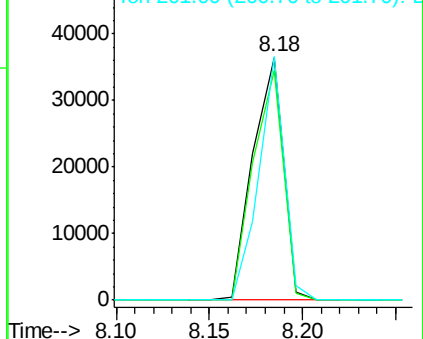


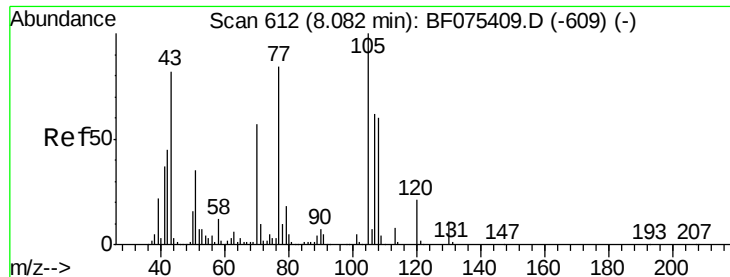
#18
Hexachloroethane
Concen: 37.16 ng
RT: 8.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:117 Resp: 41168
Ion Ratio Lower Upper
117 100
119 94.8 72.9 109.3
201 100.4 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

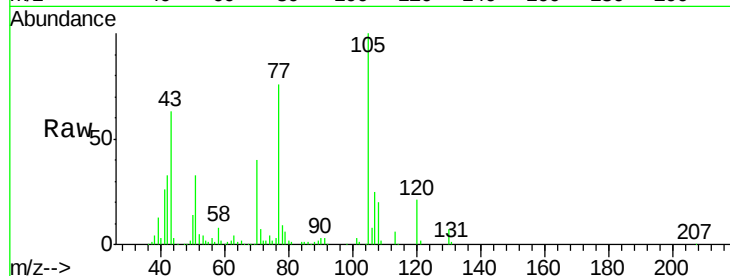




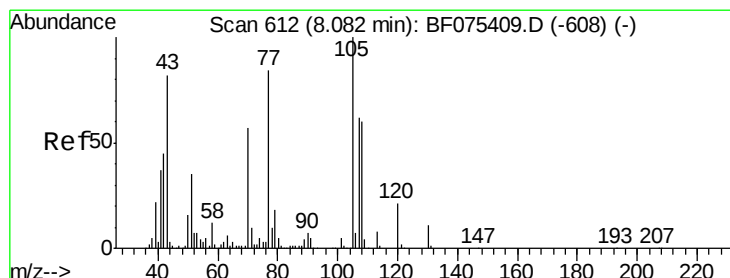
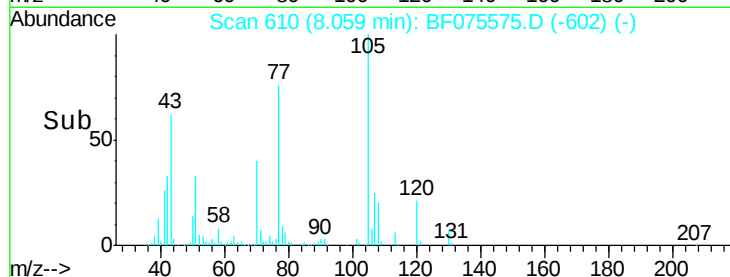
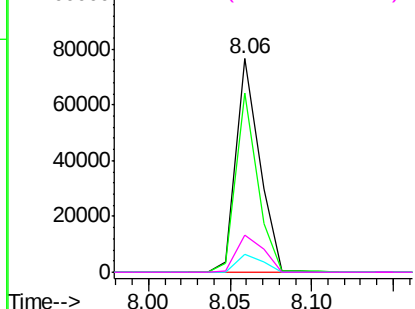
#19
n-Nitroso-di-n-propylamine
Concen: 36.75 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion: 70 Resp: 75824
Ion Ratio Lower Upper
70 100
42 83.7 63.0 94.6
101 8.6 7.5 11.3
130 17.5 16.3 24.5



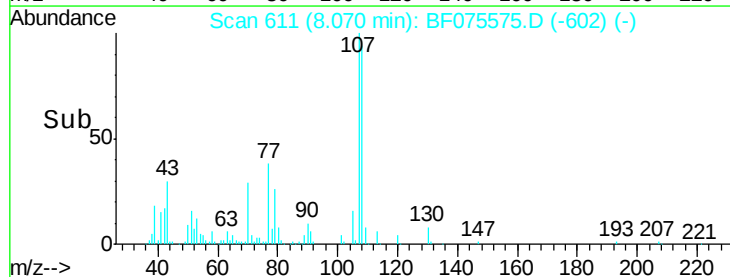
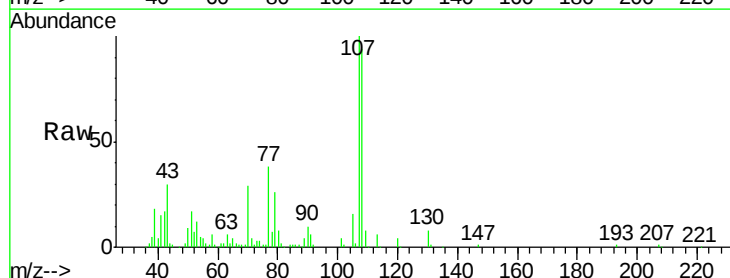
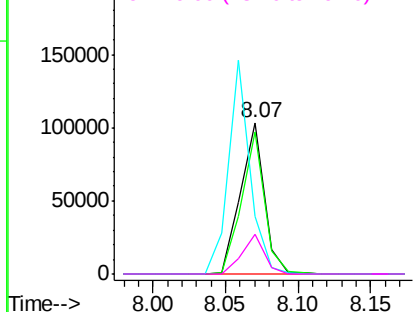
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

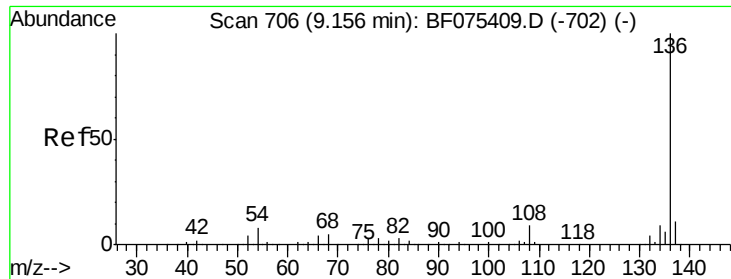


#20
3+4-Methylphenols
Concen: 37.22 ng
RT: 8.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion: 107 Resp: 117594
Ion Ratio Lower Upper
107 100
108 93.8 69.6 109.6
77 37.9 84.4 124.4#
79 26.0 5.5 45.5

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

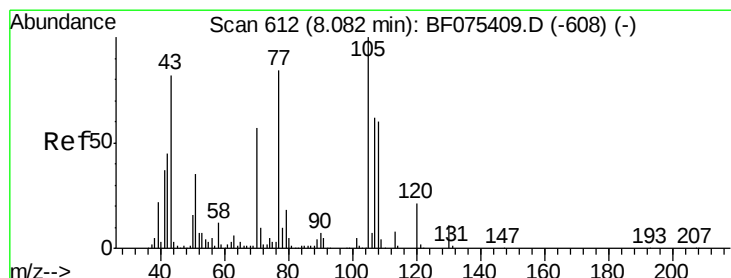
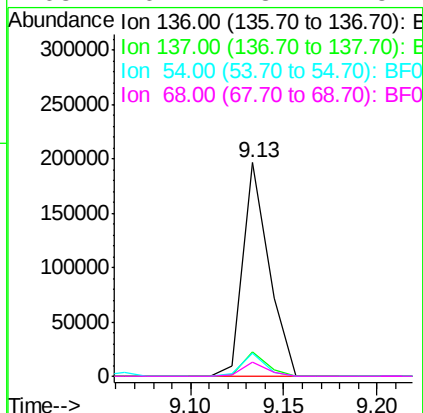
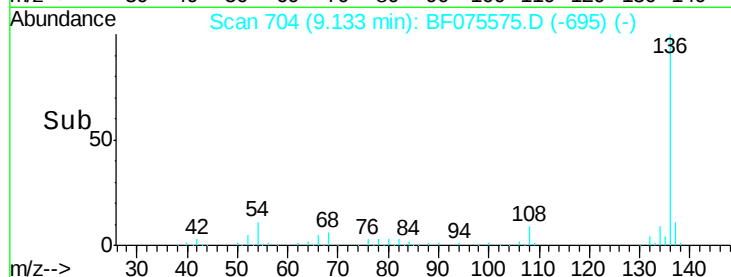
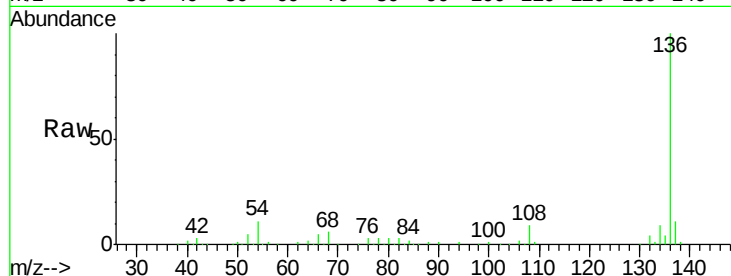




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

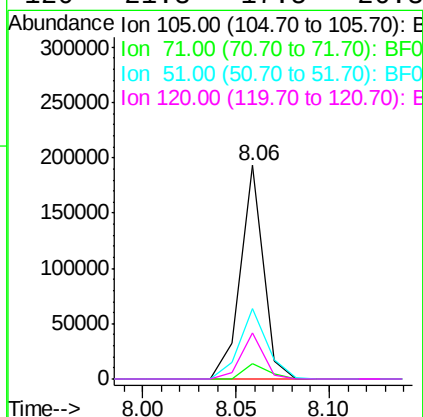
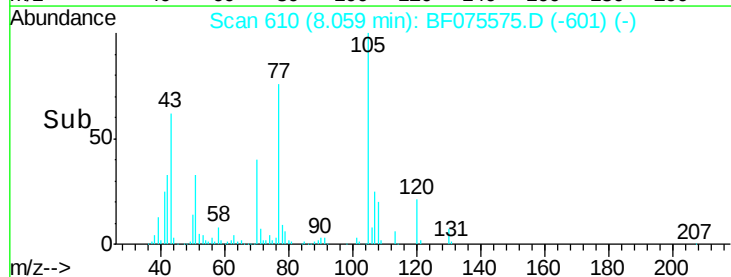
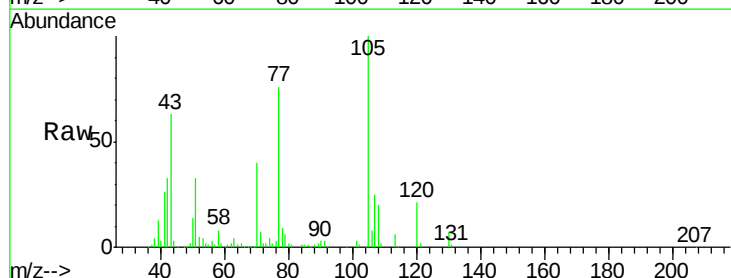
Instrument :
BNA_F
ClientSampleId :
FS-005MSD

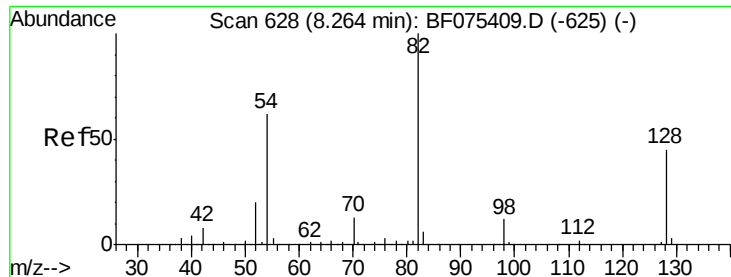
Tgt Ion:	136	Resp:	191323
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	10.8	6.2	9.4#
68	6.4	3.4	5.2#



#22
Acetophenone
Concen: 40.39 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:	105	Resp:	166707
Ion	Ratio	Lower	Upper
105	100		
71	7.2	10.5	15.7#
51	32.9	24.2	36.2
120	21.3	17.5	26.3

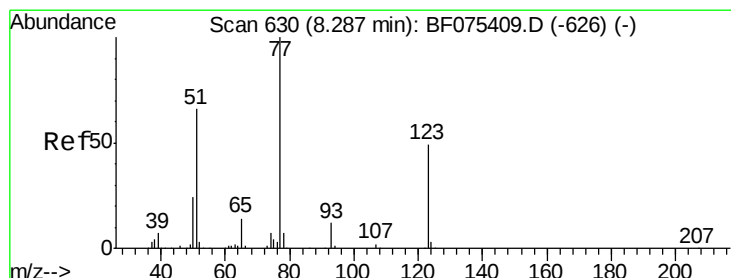
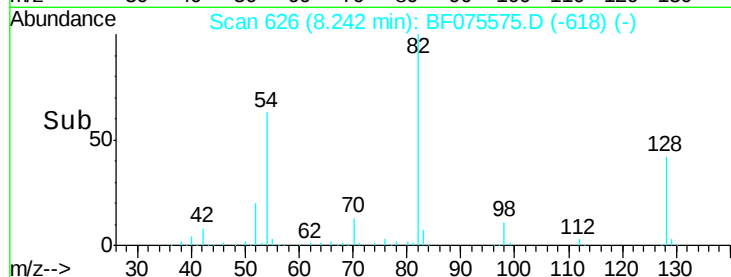
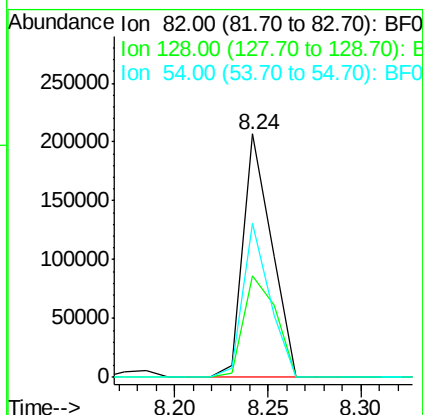
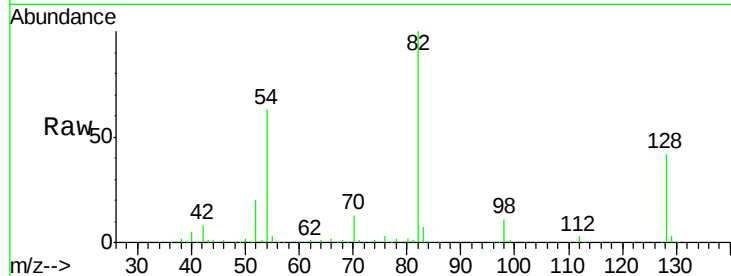




#23
 Nitrobenzene-d5
 Concen: 84.15 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

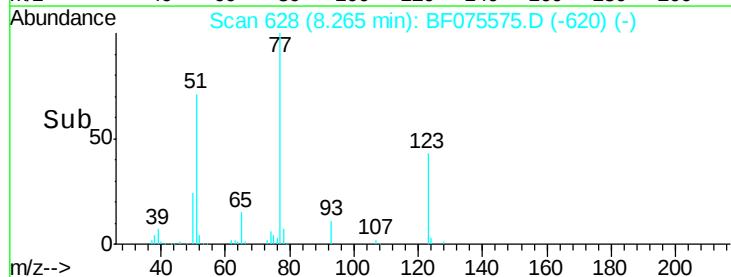
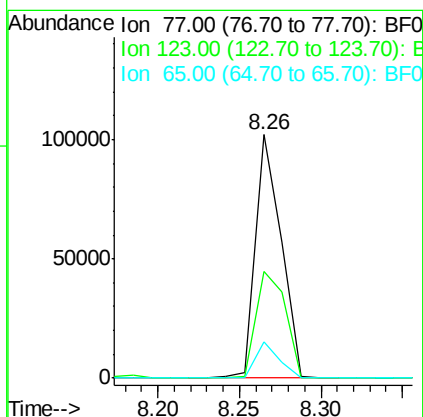
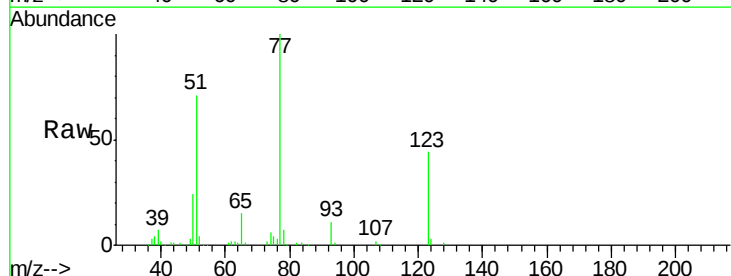
Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

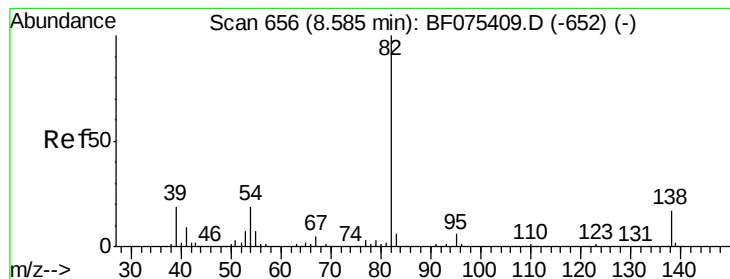
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	37.8	56.6
54	63.4	49.8	74.8



#24
 Nitrobenzene
 Concen: 36.90 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	39.0	58.4
65	14.8	10.6	15.8





#25

Isophorone

Concen: 36.86 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

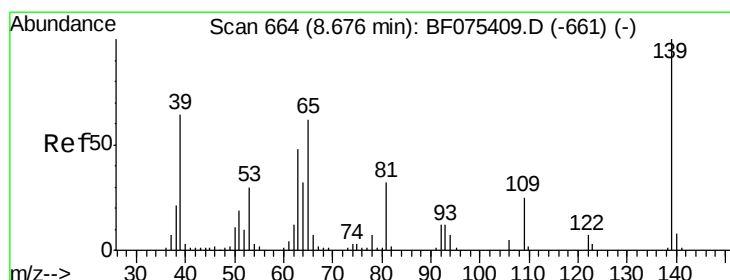
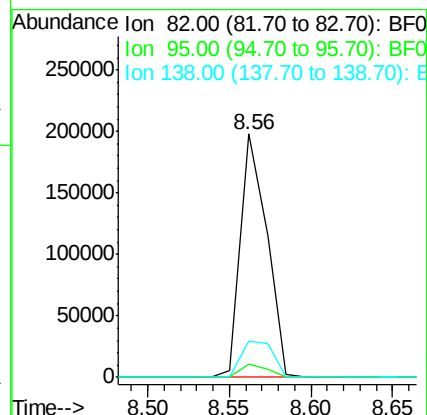
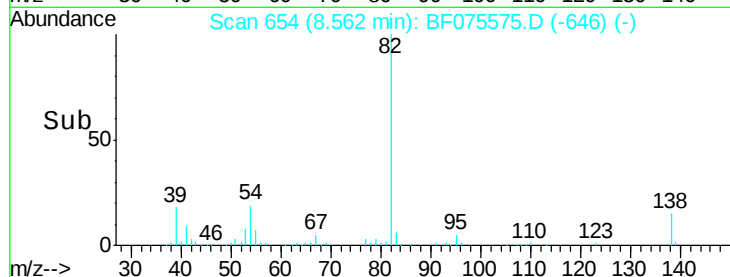
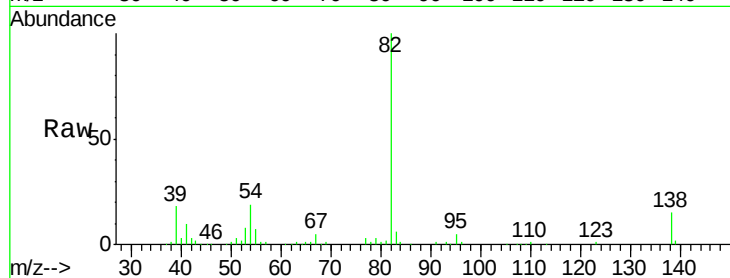
Tgt Ion: 82 Resp: 219617

Ion Ratio Lower Upper

82 100

95 5.3 5.2 7.8

138 15.0 15.0 22.6#



#26

2-Nitrophenol

Concen: 40.96 ng

RT: 8.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

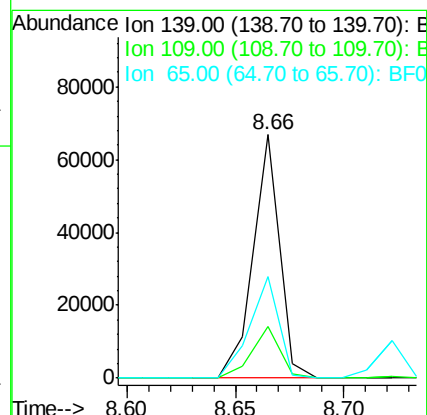
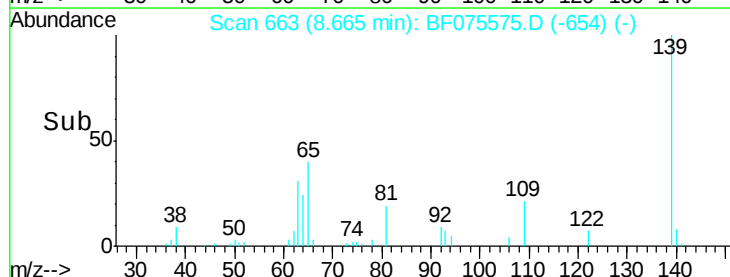
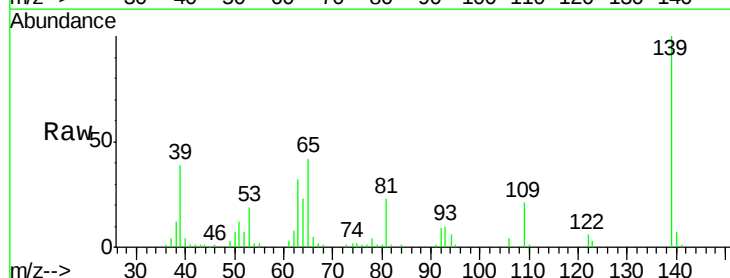
Tgt Ion: 139 Resp: 56442

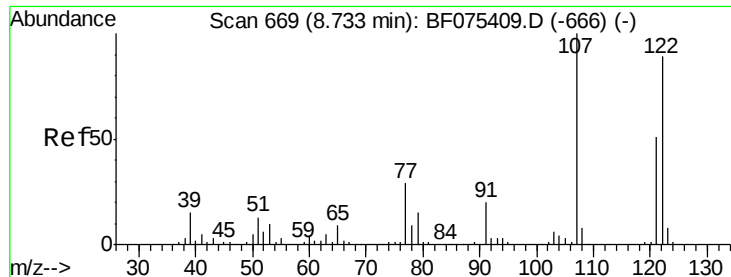
Ion Ratio Lower Upper

139 100

109 21.1 22.3 33.5#

65 41.8 49.1 73.7#

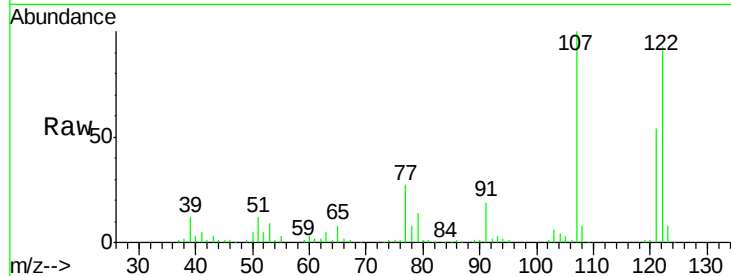




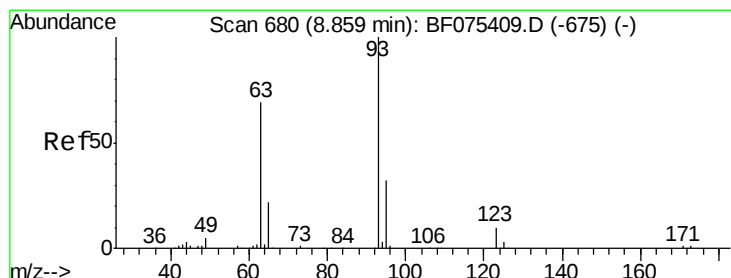
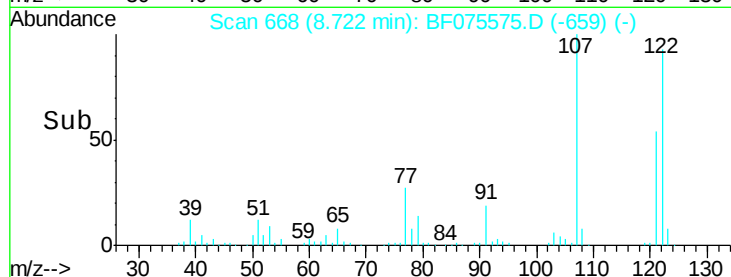
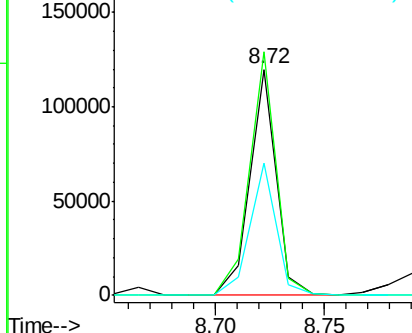
#27
 2,4-Dimethylphenol
 Concen: 37.62 ng
 RT: 8.72 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

Tgt Ion:122 Resp: 100466
 Ion Ratio Lower Upper
 122 100
 107 107.8 86.5 129.7
 121 58.7 45.4 68.2

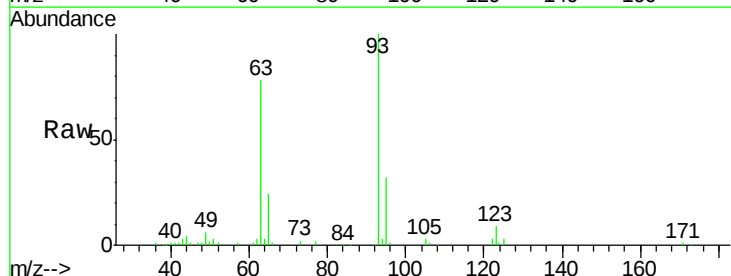


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

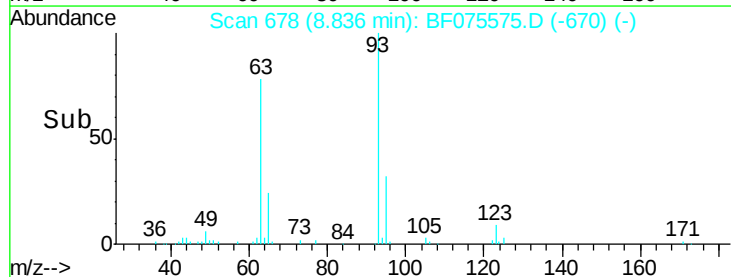
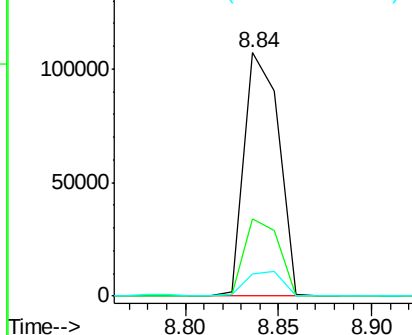


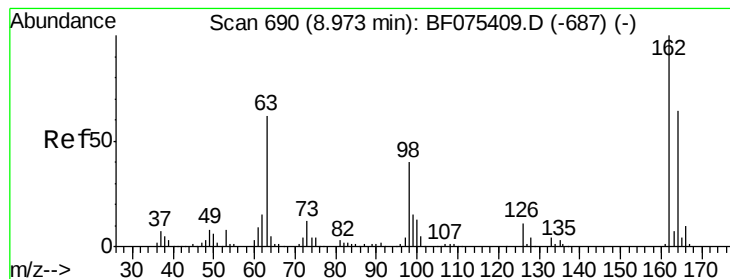
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.76 ng
 RT: 8.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion: 93 Resp: 137097
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.4
 123 9.3 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: 38.57 ng

RT: 8.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

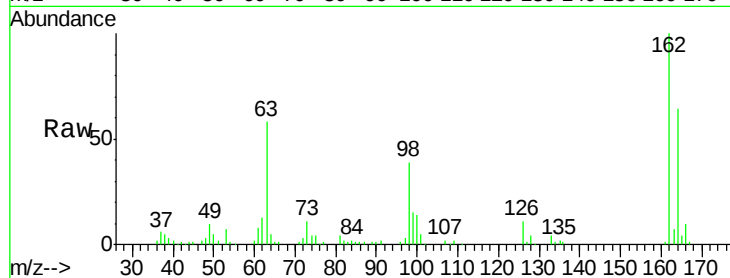
Tgt Ion:162 Resp: 90245

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

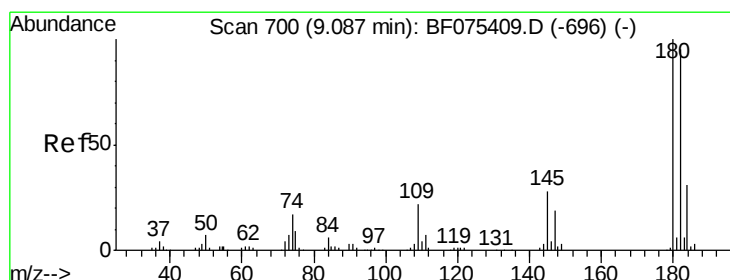
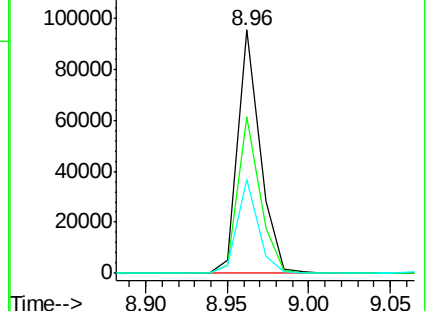
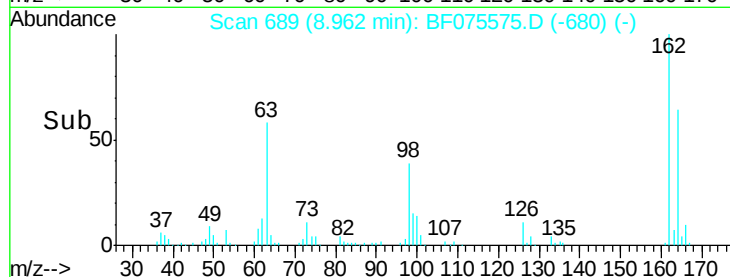
98 38.7 14.6 54.6



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: 37.71 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

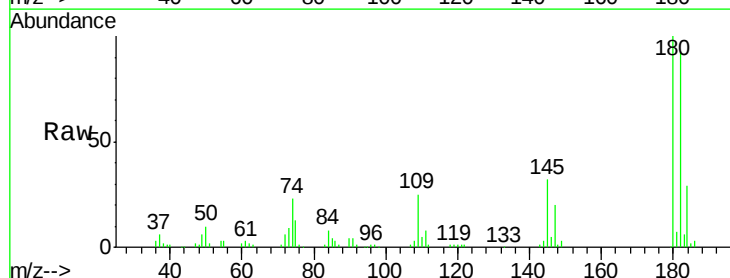
Tgt Ion:180 Resp: 92654

Ion Ratio Lower Upper

180 100

182 93.0 78.4 117.6

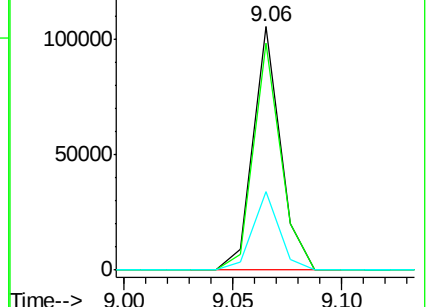
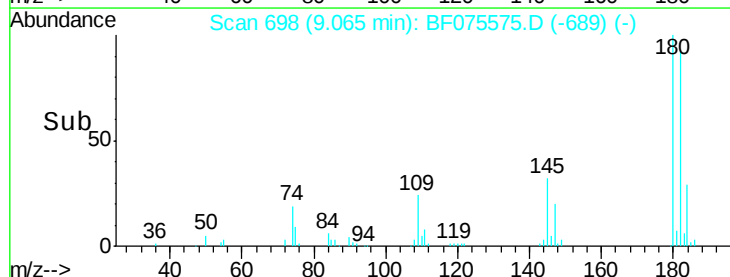
145 32.2 22.3 33.5

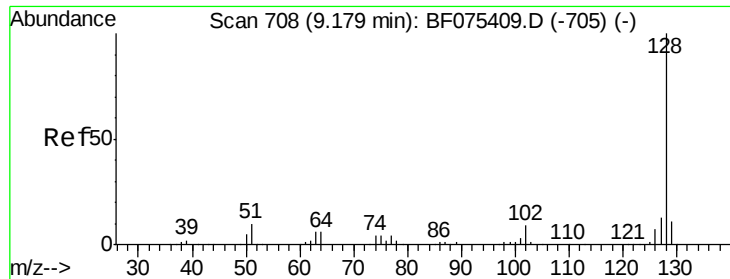


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

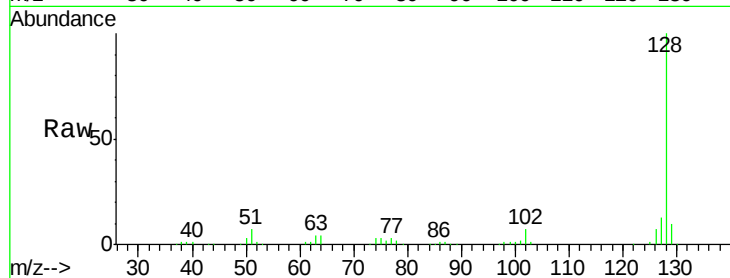




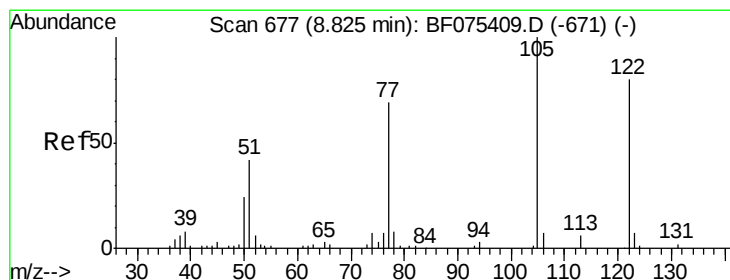
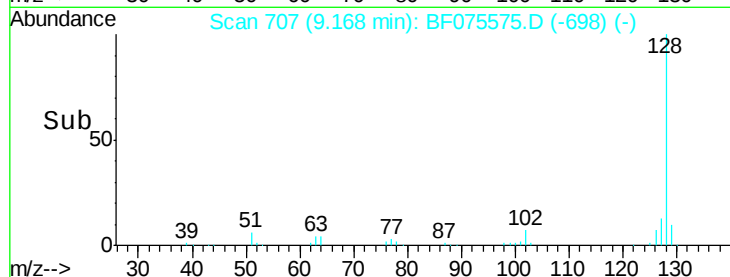
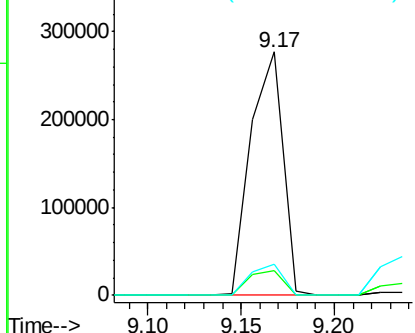
#31
Naphthalene
Concen: 38.99 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion:128 Resp: 332545
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 12.7 10.2 15.4

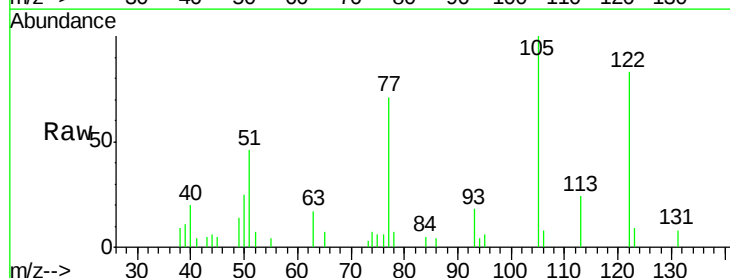


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

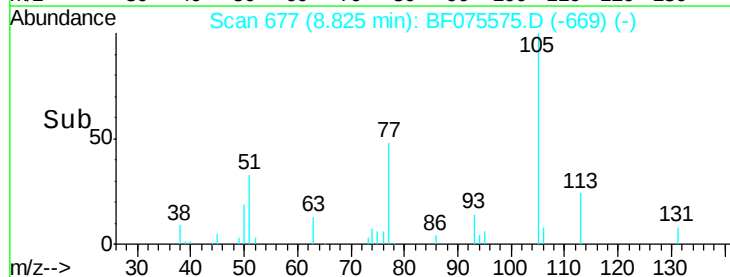
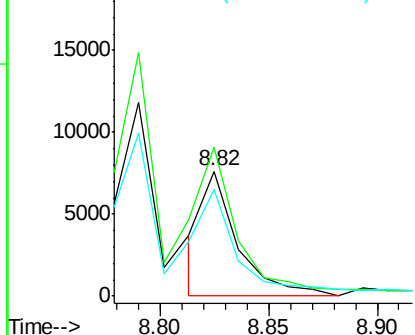


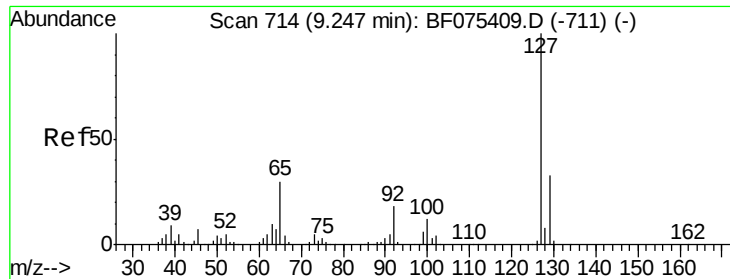
#32
Benzoic acid
Concen: 5.35 ng
RT: 8.82 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:122 Resp: 8639
Ion Ratio Lower Upper
122 100
105 119.9 95.1 135.1
77 85.5 62.6 102.6



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

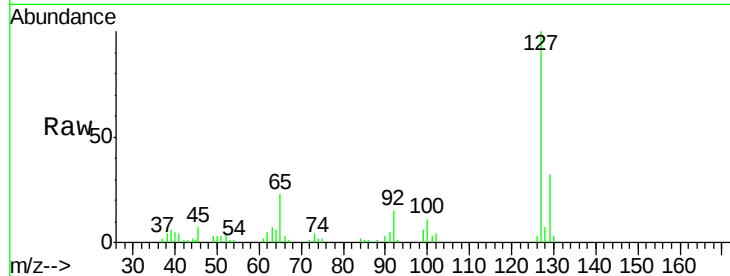




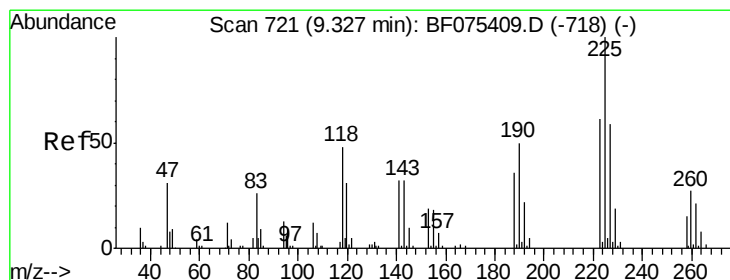
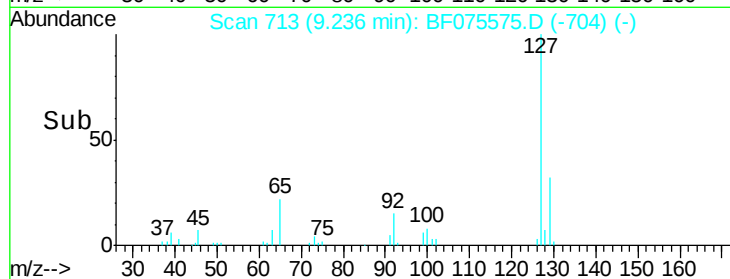
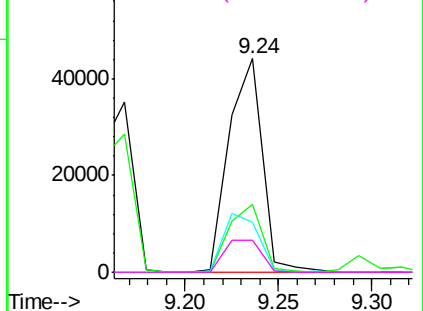
#33
4-Chloroaniline
Concen: 14.96 ng
RT: 9.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion:	127	Resp:	55454
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	23.3	22.8	34.2
92	15.3	13.8	20.6

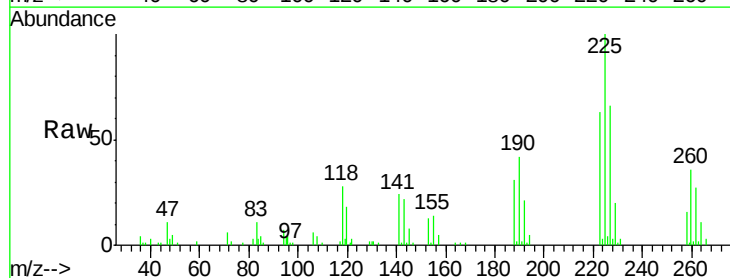


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

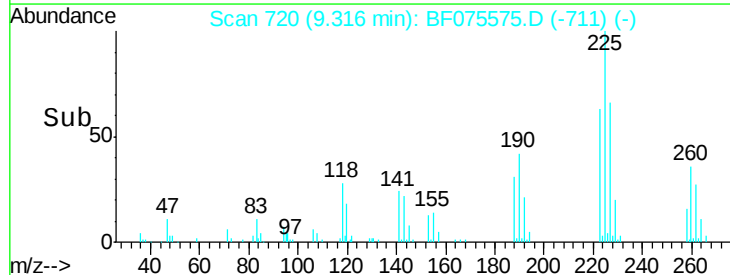
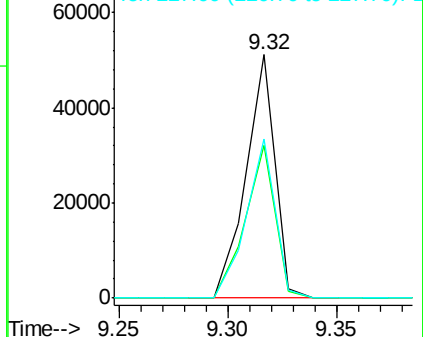


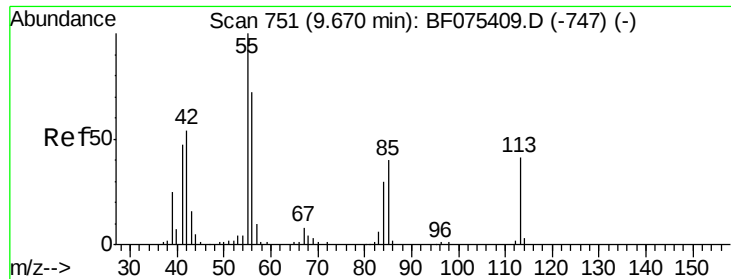
#34
Hexachlorobutadiene
Concen: 35.68 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:	225	Resp:	47373
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	65.6	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

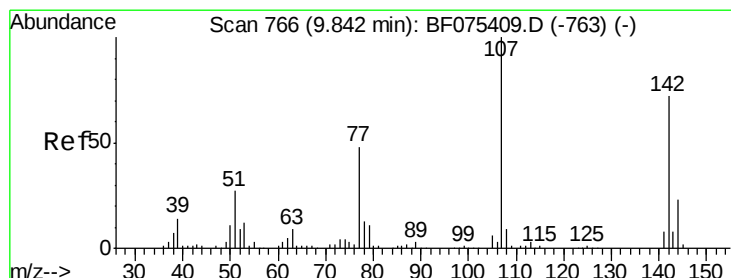
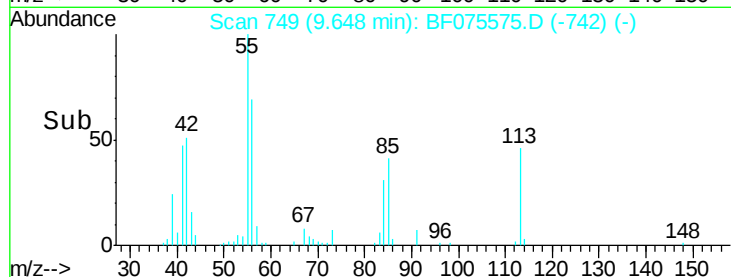
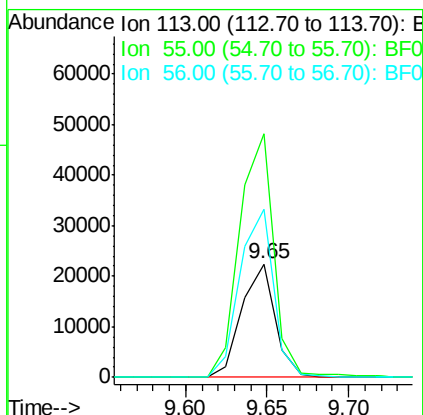
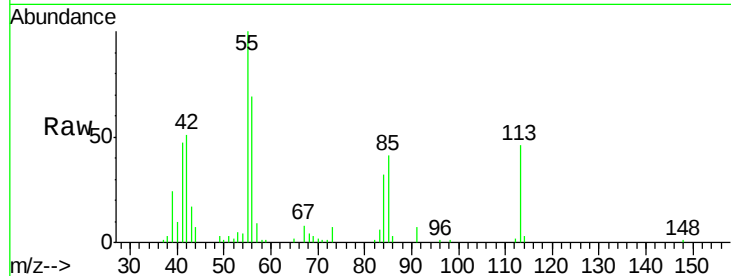




#35
 Caprolactam
 Concen: 40.89 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

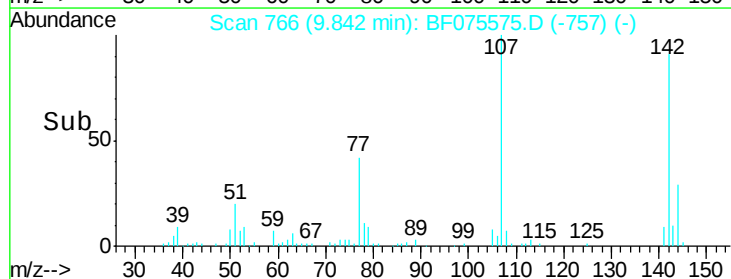
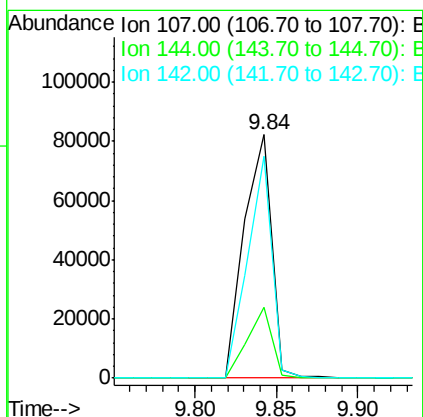
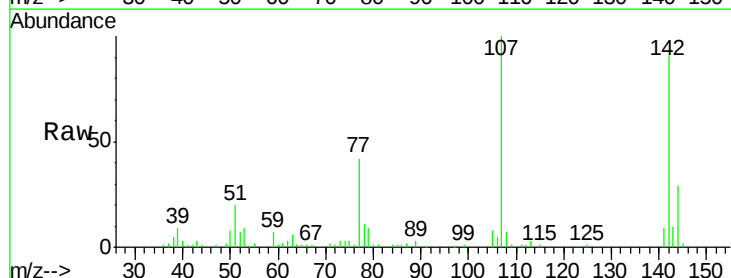
Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

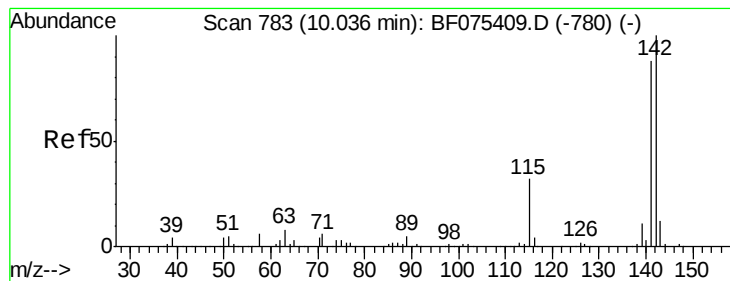
Tgt Ion:113 Resp: 31706
 Ion Ratio Lower Upper
 113 100
 55 215.1 226.9 266.9#
 56 149.1 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 37.41 ng
 RT: 9.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion:107 Resp: 96037
 Ion Ratio Lower Upper
 107 100
 144 29.0 19.1 28.7#
 142 91.0 62.9 94.3





#37

2-Methylnaphthalene

Concen: 39.73 ng

RT: 10.02 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

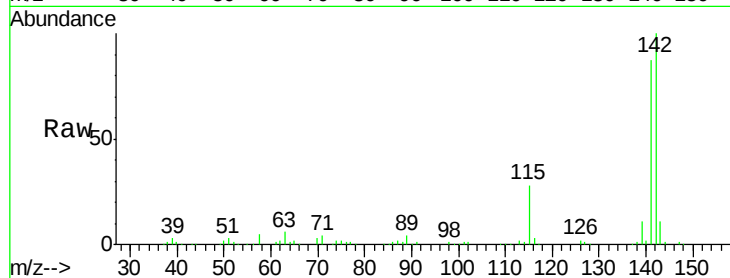
Tgt Ion:142 Resp: 231225

Ion Ratio Lower Upper

142 100

141 86.9 69.9 104.9

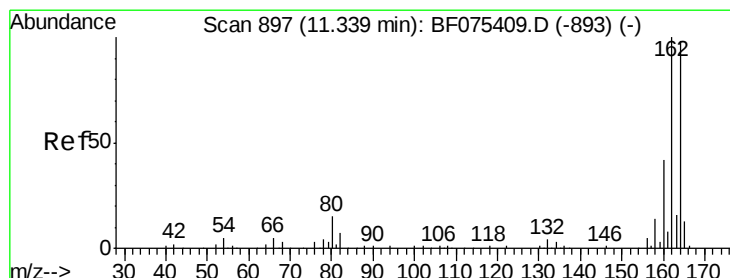
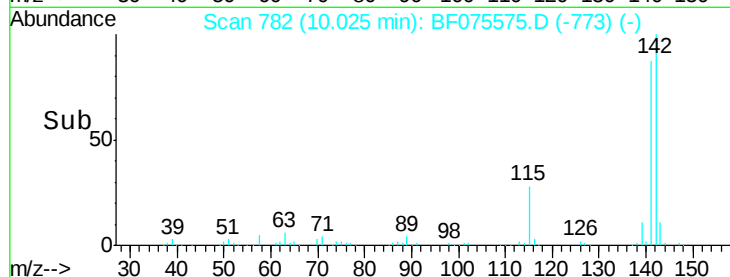
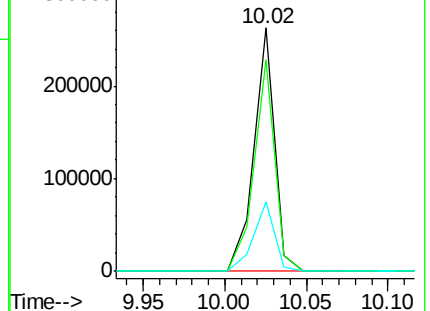
115 28.3 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

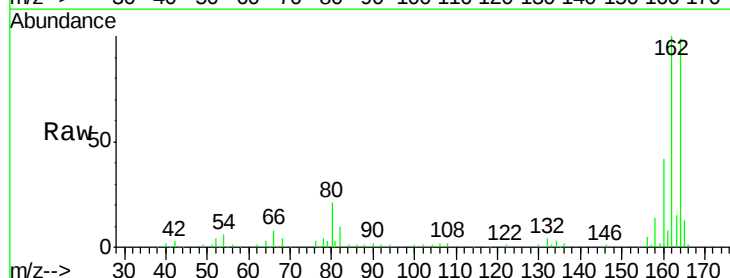
Tgt Ion:164 Resp: 102489

Ion Ratio Lower Upper

164 100

162 101.5 79.1 118.7

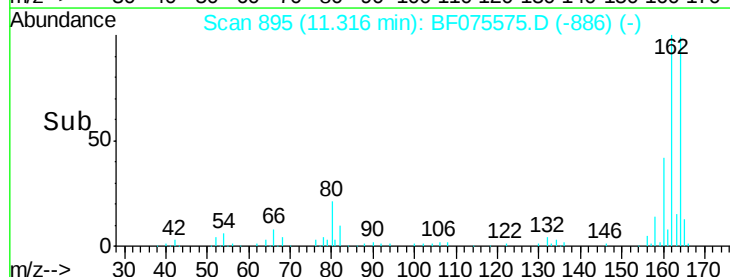
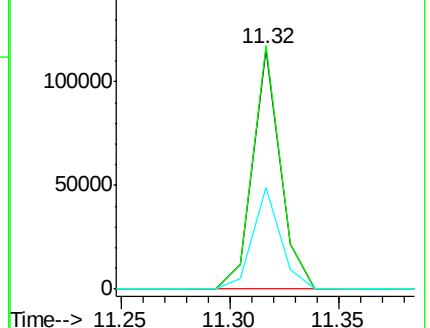
160 42.4 34.6 51.8

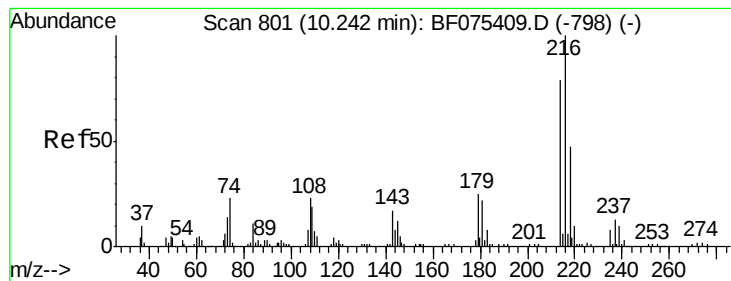


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.14 ng

RT: 10.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

Tgt Ion:216 Resp: 86670

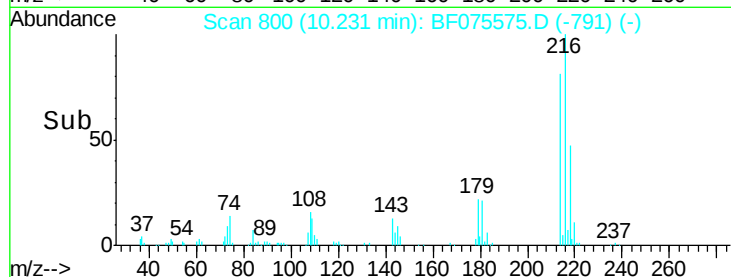
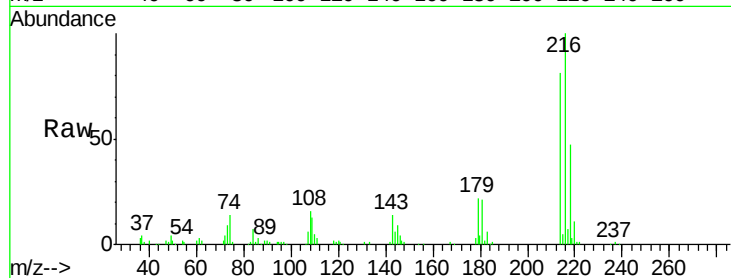
Ion Ratio Lower Upper

216 100

214 80.8 62.8 94.2

179 22.9 18.7 28.1

108 22.0 18.1 27.1

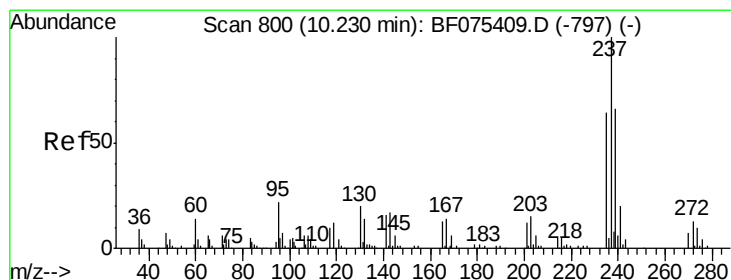
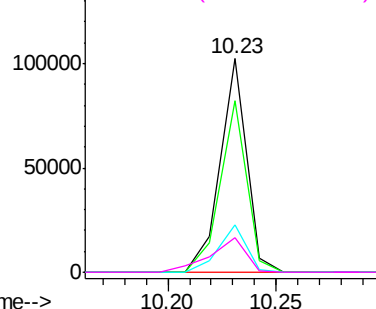


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.43 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

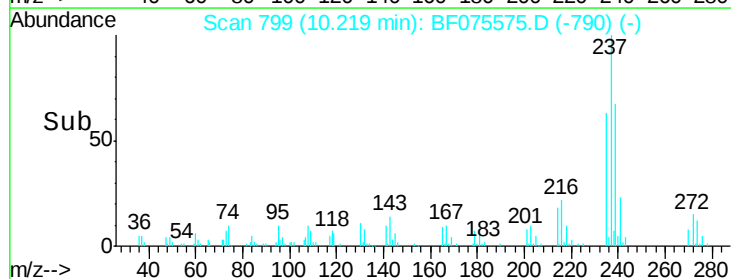
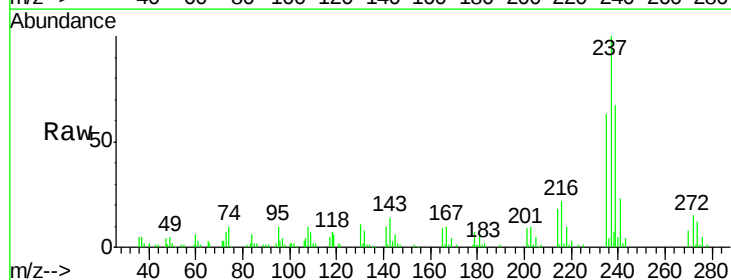
Tgt Ion:237 Resp: 93972

Ion Ratio Lower Upper

237 100

235 62.8 45.7 85.7

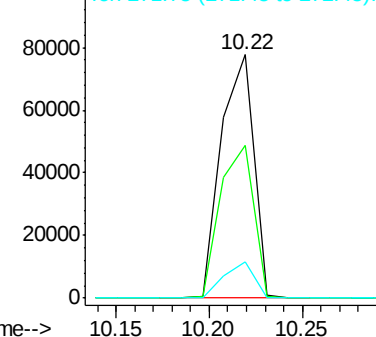
272 15.1 0.0 32.6

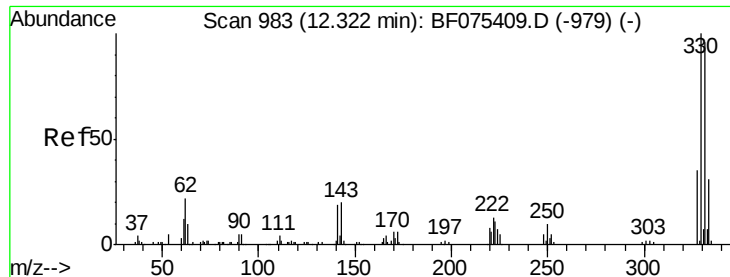


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

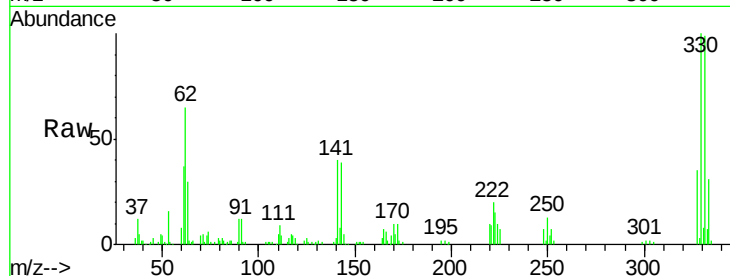




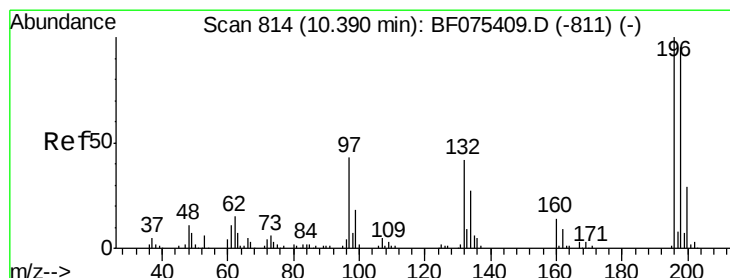
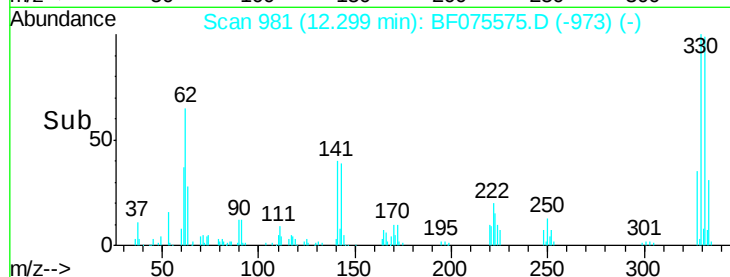
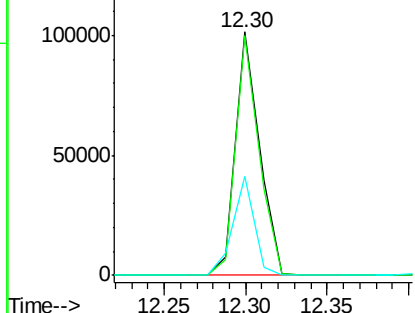
#41
 2,4,6-Tribromophenol
 Concen: 119.61 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

Tgt Ion:330 Resp: 102675
 Ion Ratio Lower Upper
 330 100
 332 96.2 74.5 111.7
 141 35.8 30.7 46.1

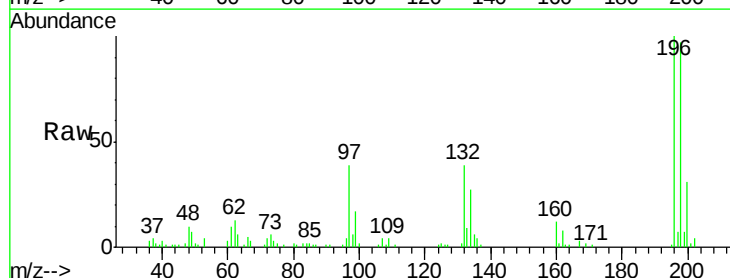


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

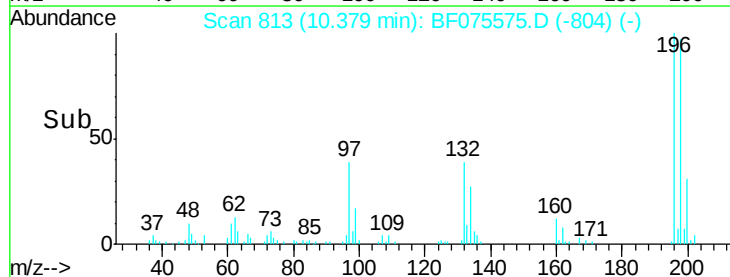
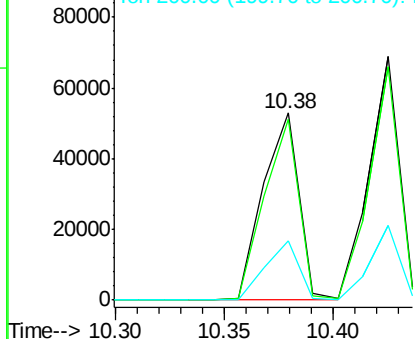


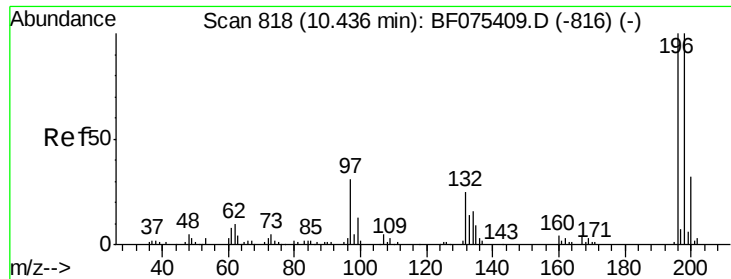
#42
 2,4,6-Trichlorophenol
 Concen: 36.55 ng
 RT: 10.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion:196 Resp: 61235
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 200 31.4 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

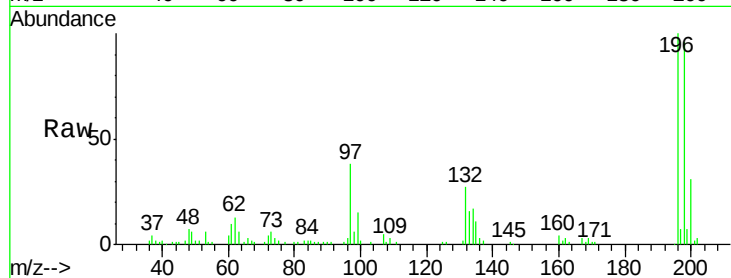




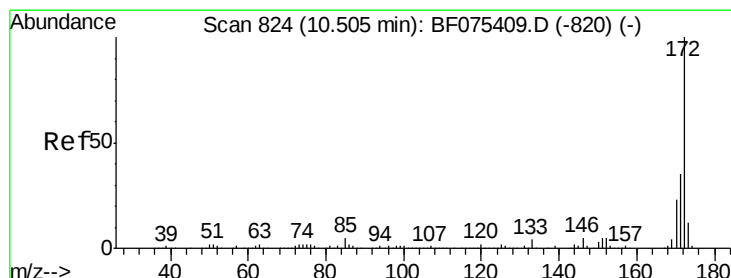
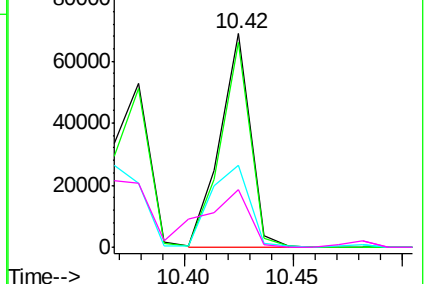
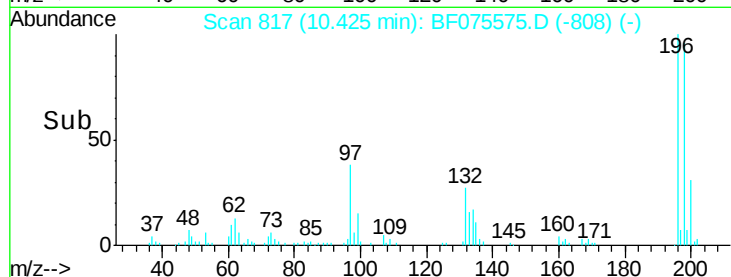
#43
 2,4,5-Trichlorophenol
 Concen: 38.45 ng
 RT: 10.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

Tgt Ion:196 Resp: 67082
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.4
 97 38.4 29.9 44.9
 132 27.2 22.2 33.2

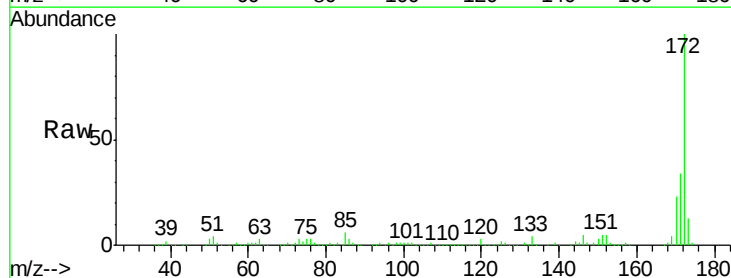


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

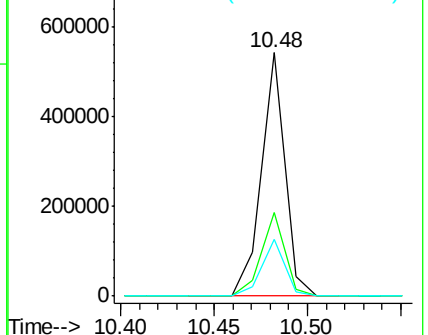
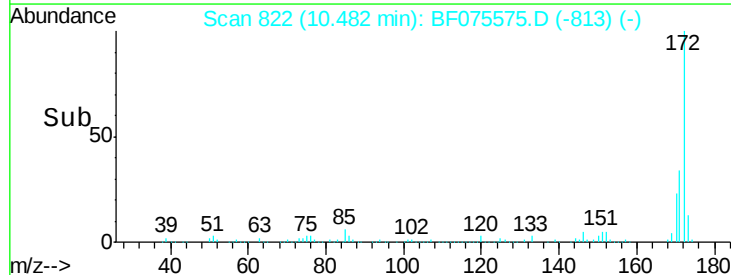


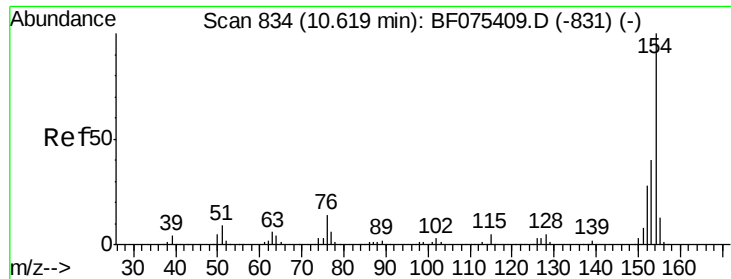
#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion:172 Resp: 472222
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.3 40.9
 170 23.3 18.4 27.6



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

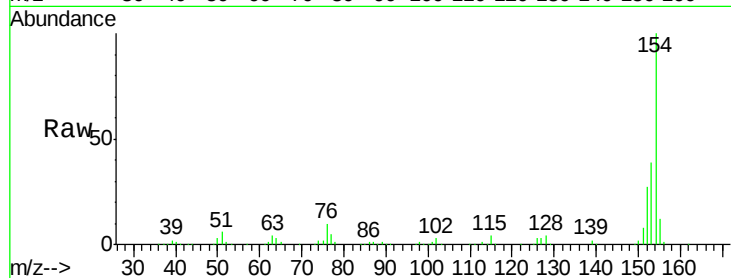




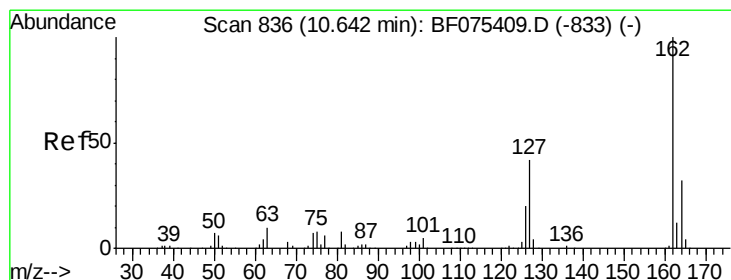
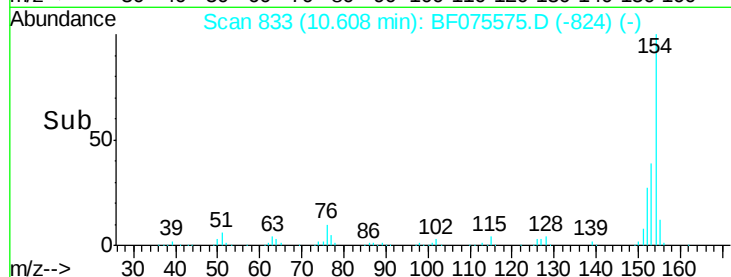
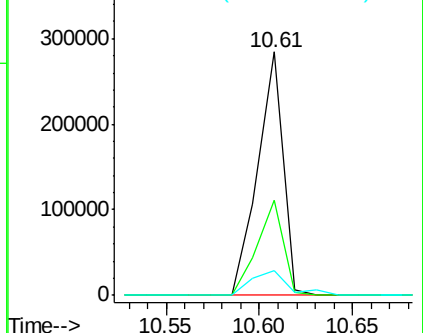
#45
1,1'-Biphenyl
Concen: 39.64 ng
RT: 10.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.3	59.3
76	10.1	0.0	35.0

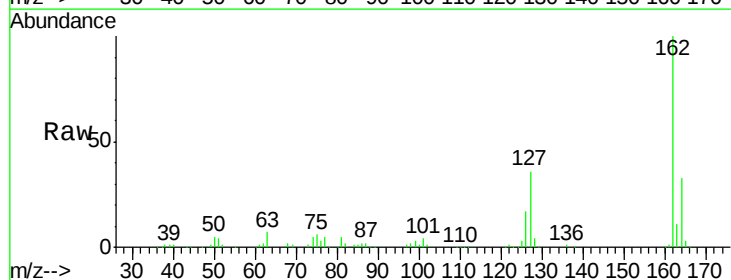


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

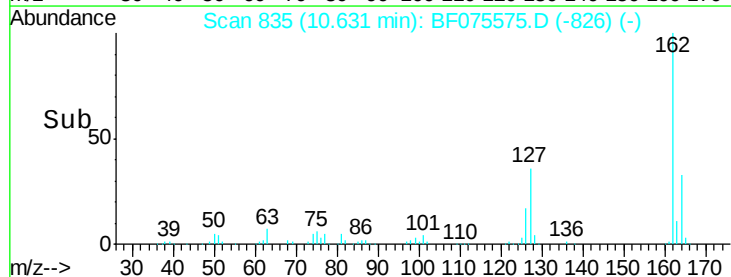
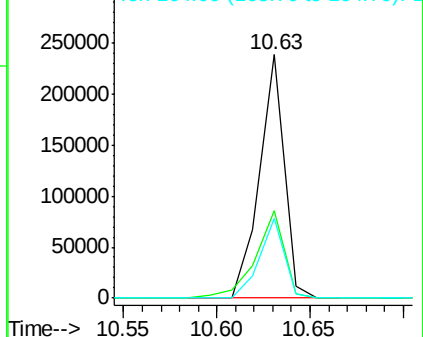


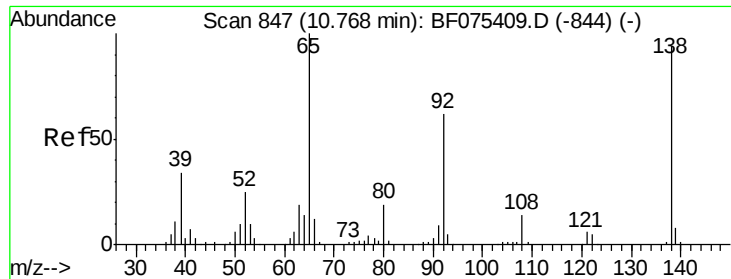
#46
2-Chloronaphthalene
Concen: 40.36 ng
RT: 10.63 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.1	34.6	51.8
164	32.6	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

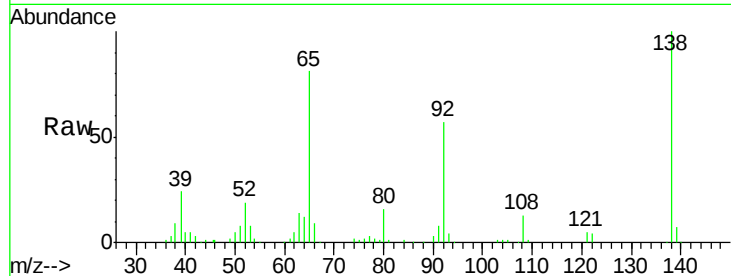




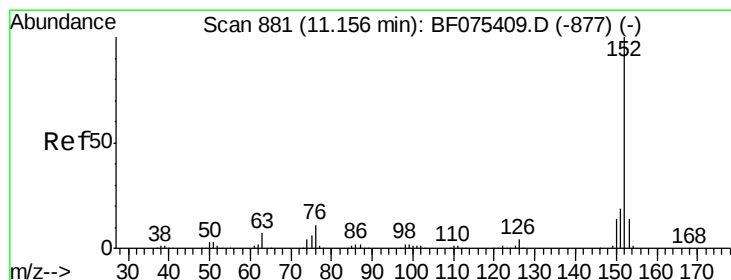
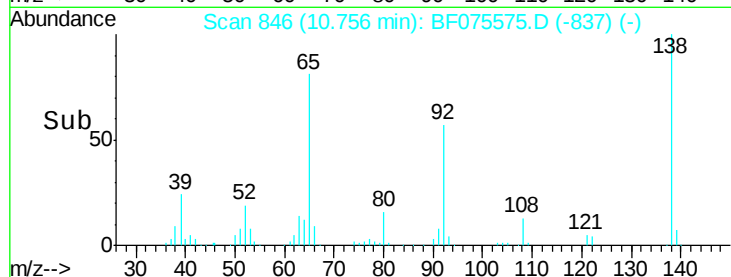
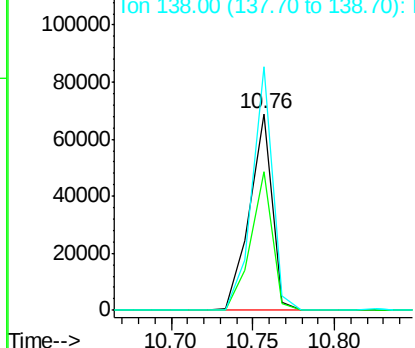
#47
2-Nitroaniline
Concen: 40.84 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion: 65 Resp: 66426
Ion Ratio Lower Upper
65 100
92 70.8 46.7 70.1#
138 123.9 62.8 94.2#

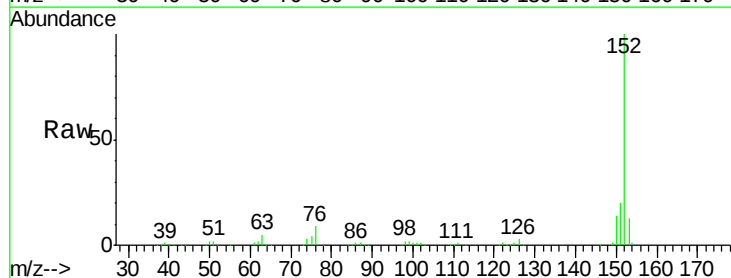


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

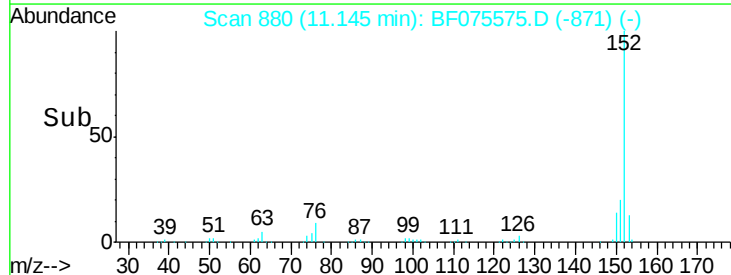
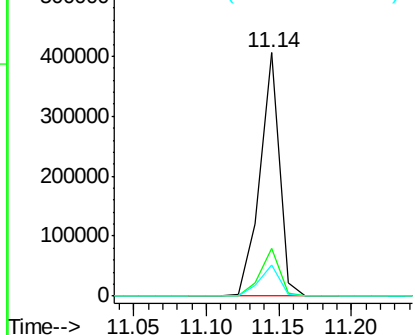


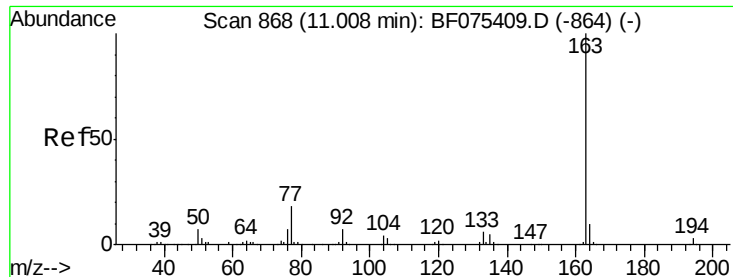
#48
Acenaphthylene
Concen: 42.38 ng
RT: 11.14 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion: 152 Resp: 377720
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 12.6 10.0 15.0



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

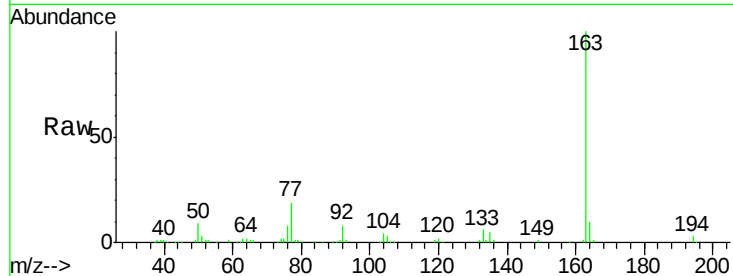




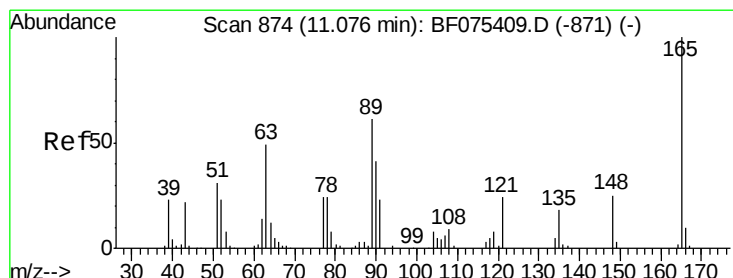
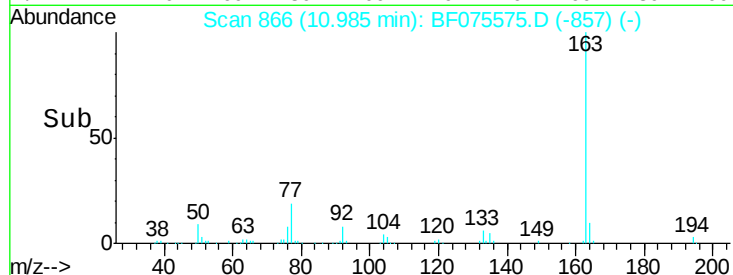
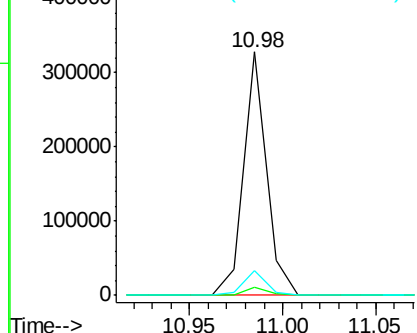
#49
Dimethylphthalate
Concen: 40.27 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion:163 Resp: 282161
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.0 12.0

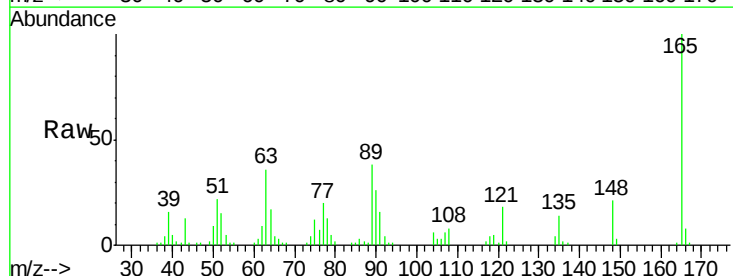


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

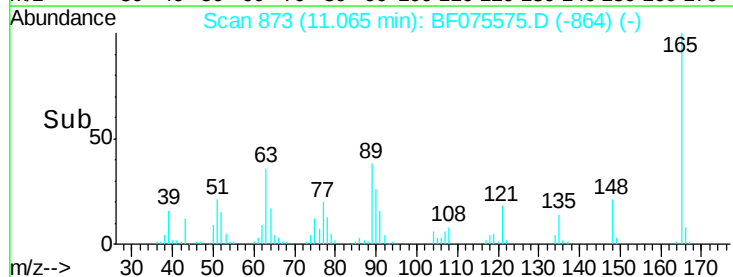
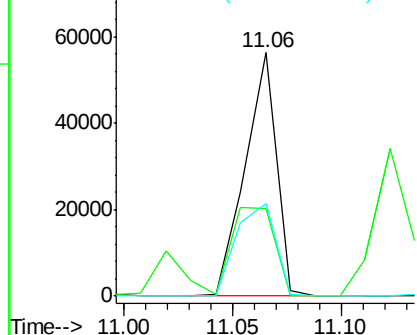


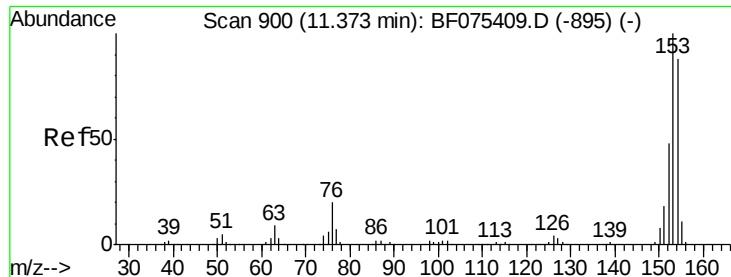
#50
2,6-Dinitrotoluene
Concen: 40.76 ng
RT: 11.06 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:165 Resp: 56245
Ion Ratio Lower Upper
165 100
63 36.1 61.2 91.8#
89 38.0 52.5 78.7#



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





#51

Acenaphthene

Concen: 38.14 ng

RT: 11.36 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

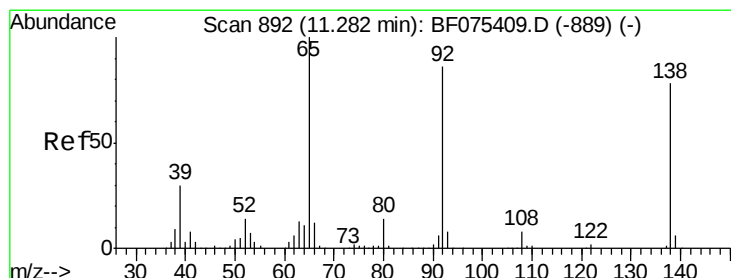
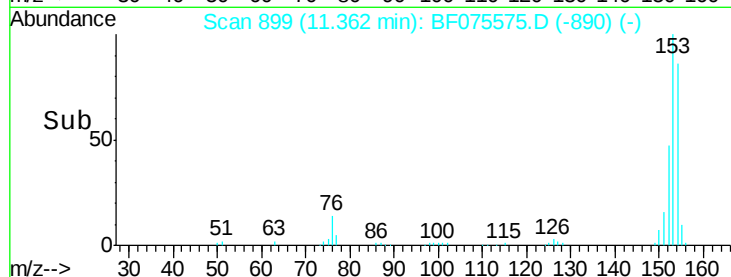
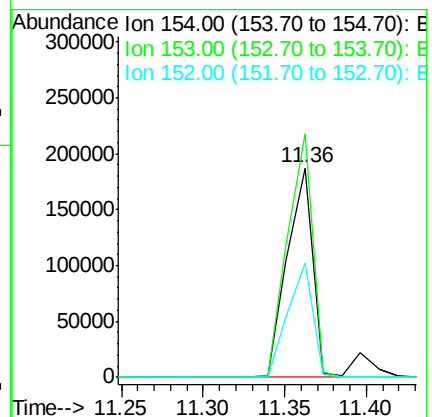
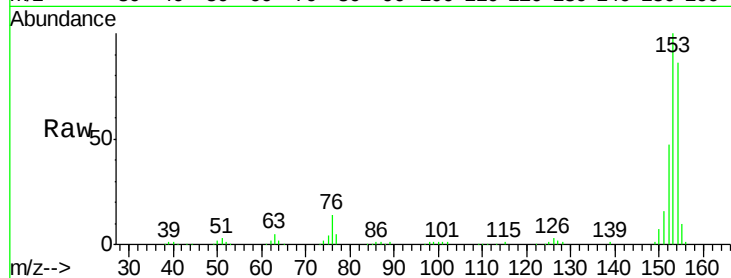
Tgt Ion:154 Resp: 205185

Ion Ratio Lower Upper

154 100

153 116.3 91.2 136.8

152 54.3 43.4 65.0



#52

3-Nitroaniline

Concen: 24.93 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

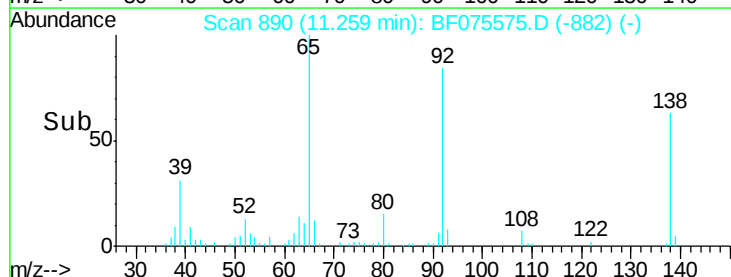
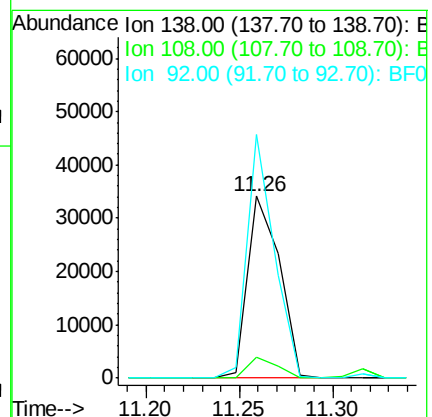
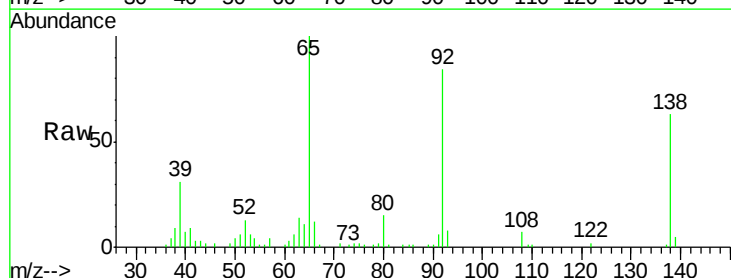
Tgt Ion:138 Resp: 40563

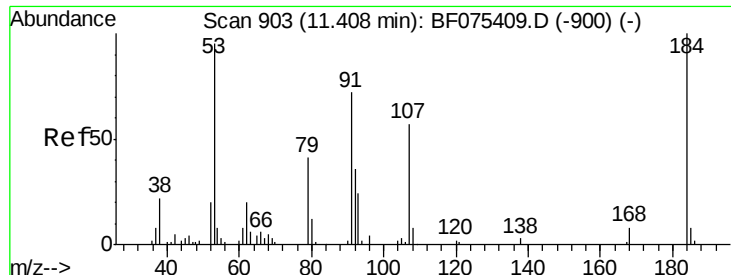
Ion Ratio Lower Upper

138 100

108 11.6 10.2 15.2

92 134.0 91.0 136.6

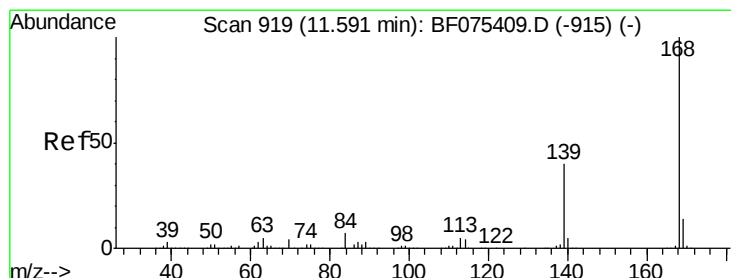
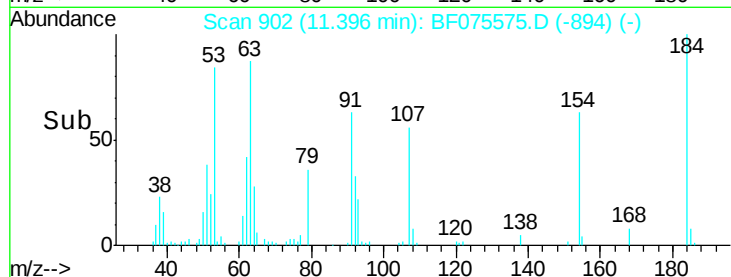
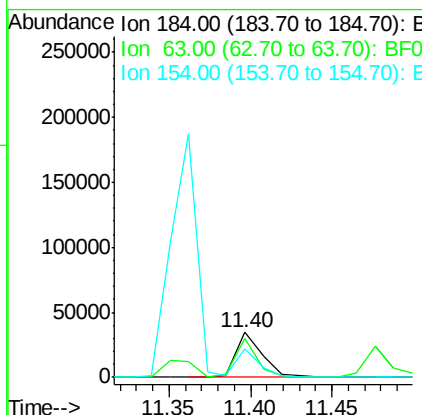
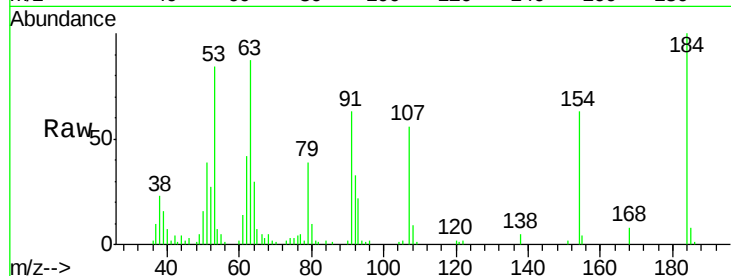




#53
2,4-Dinitrophenol
Concen: 56.69 ng
RT: 11.40 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

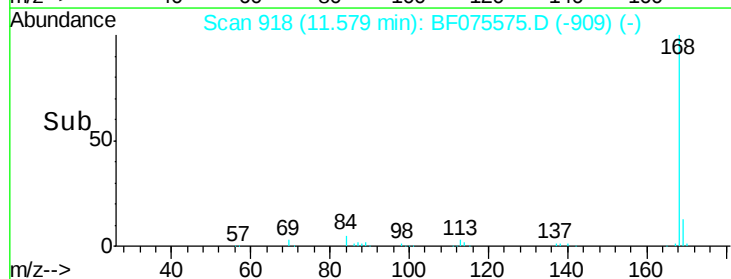
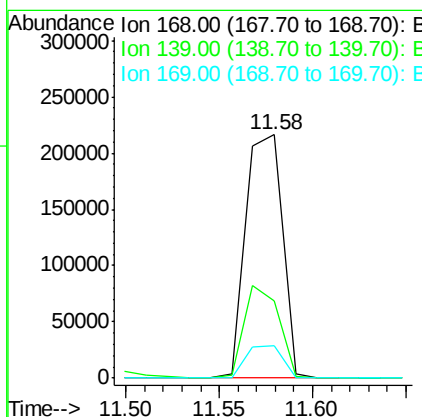
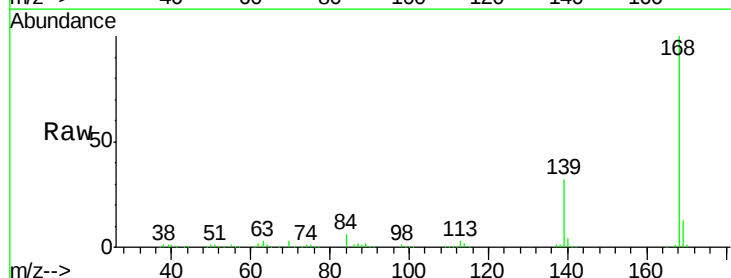
Instrument :
BNA_F
ClientSampleId :
FS-005MSD

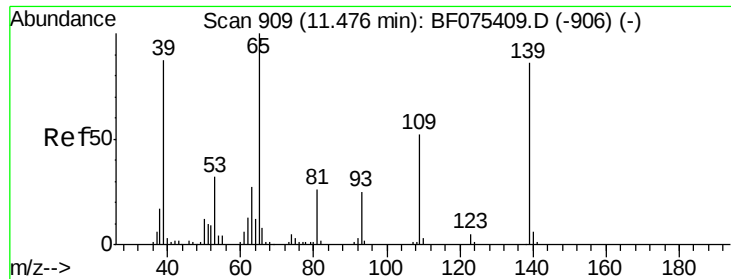
Tgt Ion:184 Resp: 38214
Ion Ratio Lower Upper
184 100
63 86.6 96.3 144.5#
154 63.3 56.2 84.4



#54
Dibenzofuran
Concen: 38.40 ng
RT: 11.58 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:168 Resp: 295212
Ion Ratio Lower Upper
168 100
139 31.9 33.0 49.4#
169 13.2 10.8 16.2

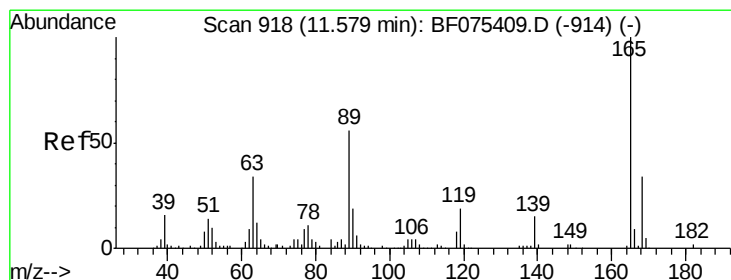
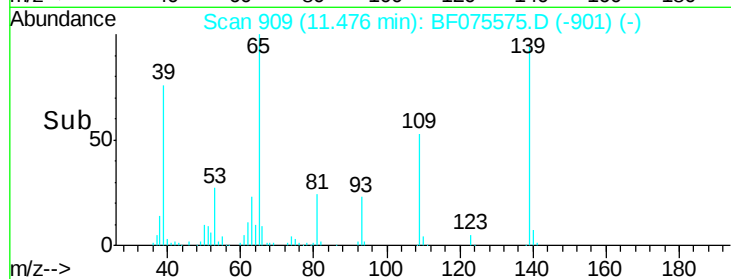
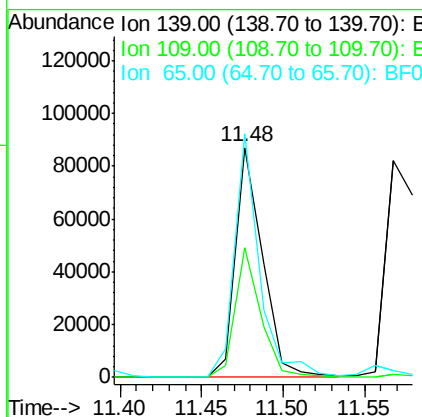
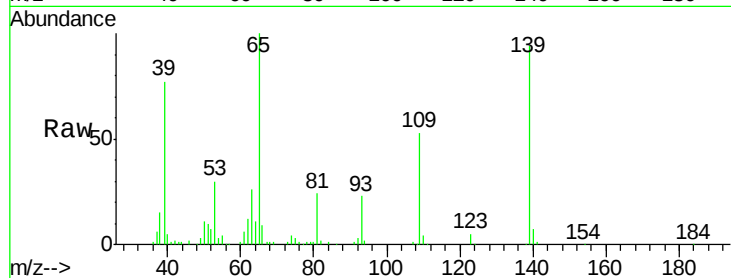




#55
4-Nitrophenol
Concen: 77.24 ng
RT: 11.48 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

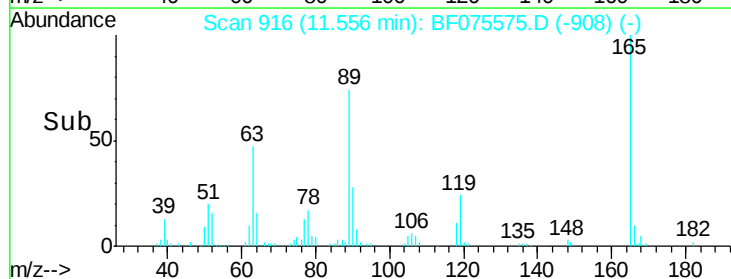
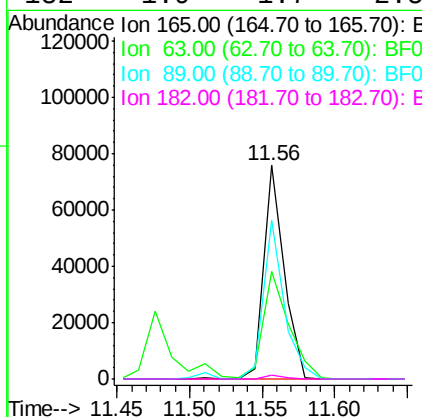
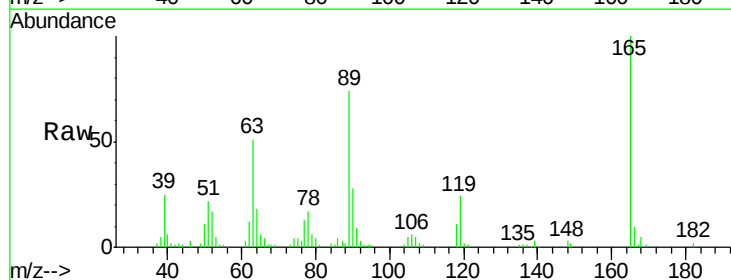
Instrument :
BNA_F
ClientSampleId :
FS-005MSD

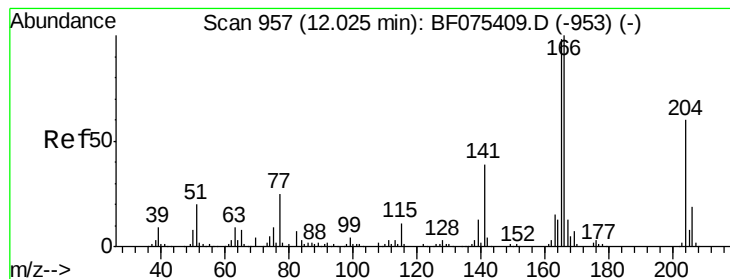
Tgt Ion:139 Resp: 100464
Ion Ratio Lower Upper
139 100
109 56.4 45.8 85.8
65 105.9 94.8 134.8



#56
2,4-Dinitrotoluene
Concen: 40.55 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:165 Resp: 73517
Ion Ratio Lower Upper
165 100
63 50.6 27.0 40.6#
89 74.2 47.8 71.6#
182 1.9 1.7 2.5





#57

Fluorene

Concen: 40.08 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

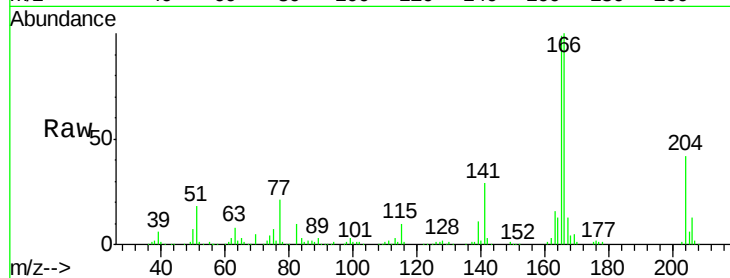
Tgt Ion:166 Resp: 249210

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

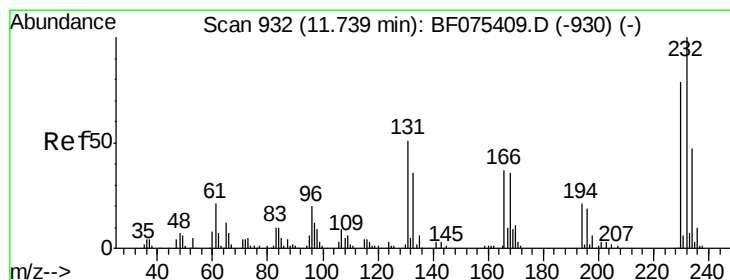
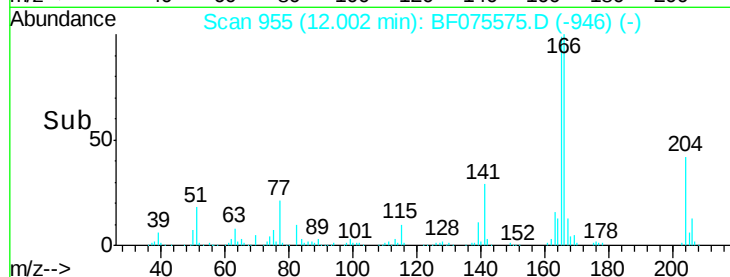
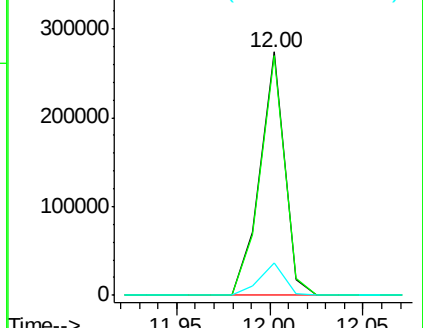
167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.52 ng

RT: 11.73 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Tgt Ion:232 Resp: 51961

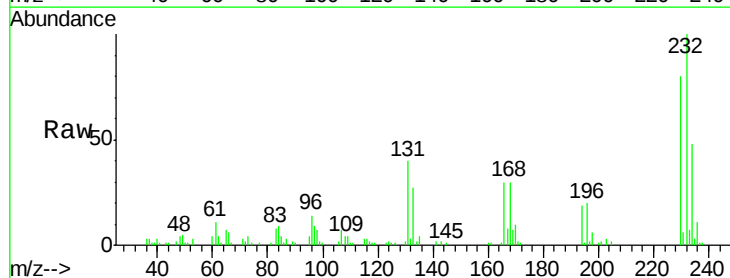
Ion Ratio Lower Upper

232 100

131 51.9 44.6 67.0

130 1.9 2.5 3.7#

166 34.8 29.3 43.9

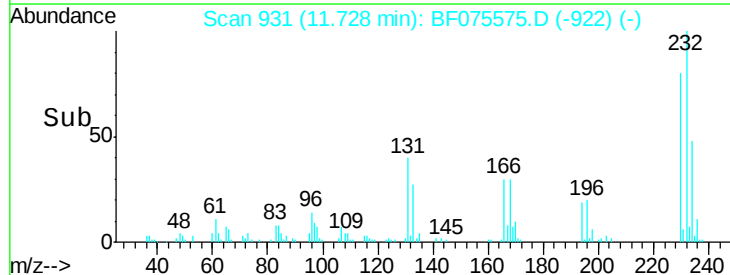
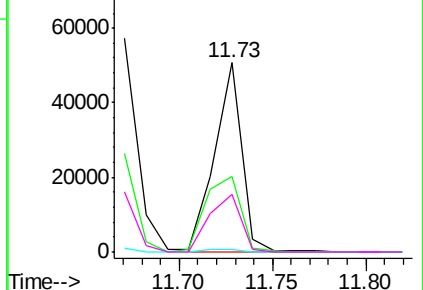


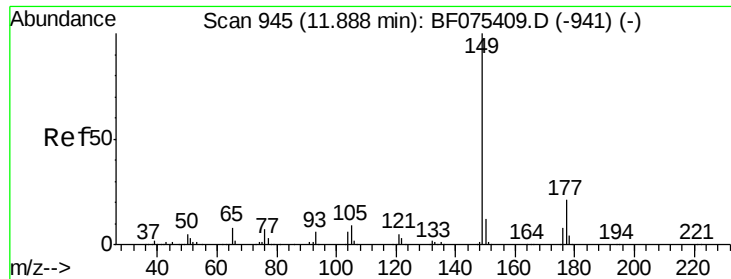
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

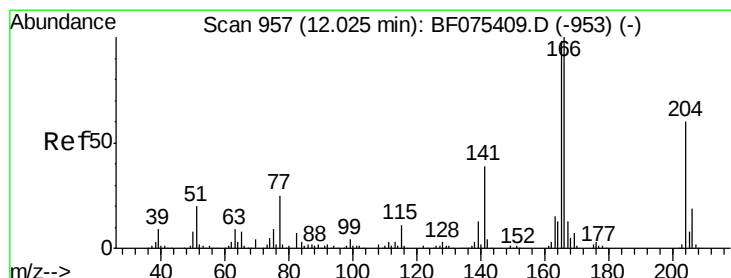
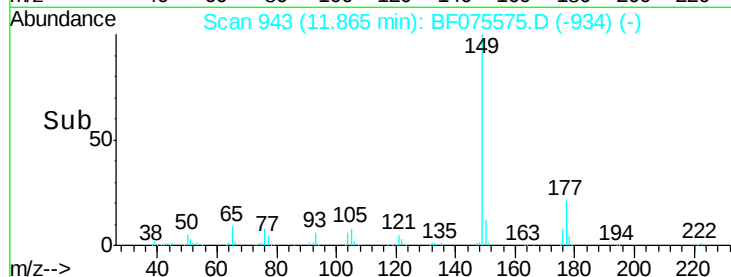
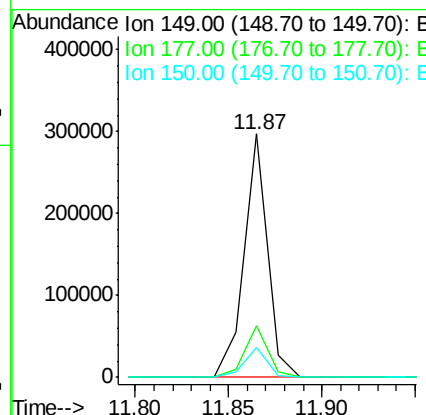
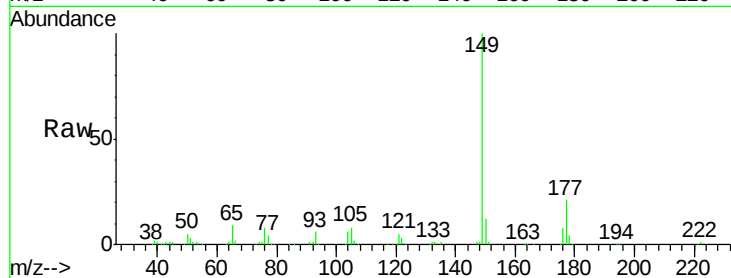




#59
Diethylphthalate
Concen: 35.87 ng
RT: 11.87 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

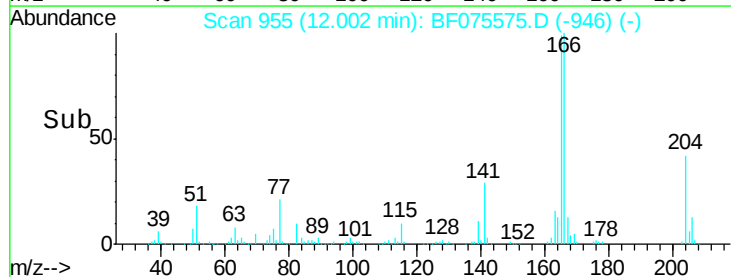
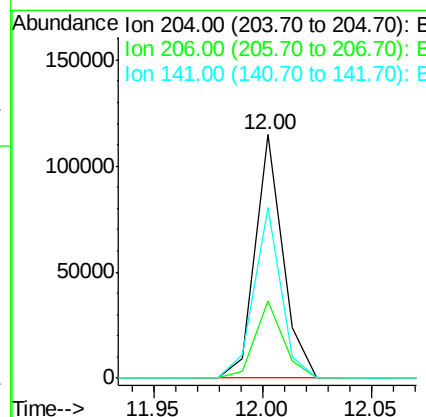
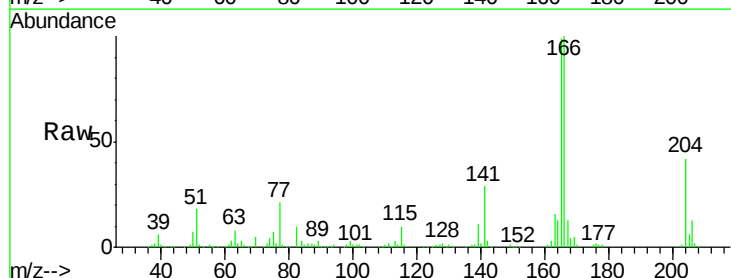
Instrument :
BNA_F
ClientSampleId :
FS-005MSD

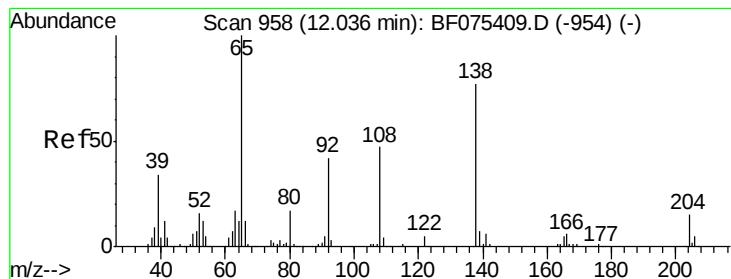
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	15.8	23.8
150	12.2	9.9	14.9



#60
4-Chlorophenyl-phenylether
Concen: 38.07 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	25.1	37.7
141	70.0	58.6	87.8





#61

4-Nitroaniline

Concen: 40.13 ng

RT: 12.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

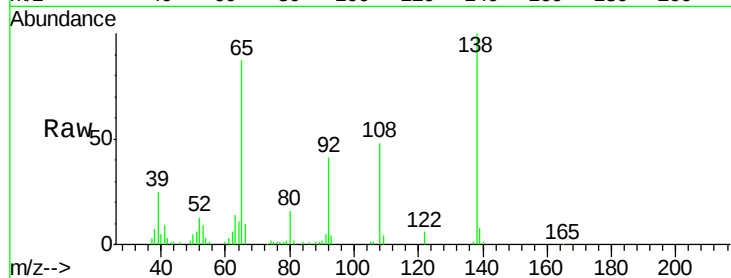
Tgt Ion:138 Resp: 65279

Ion Ratio Lower Upper

138 100

92 40.7 34.8 74.8

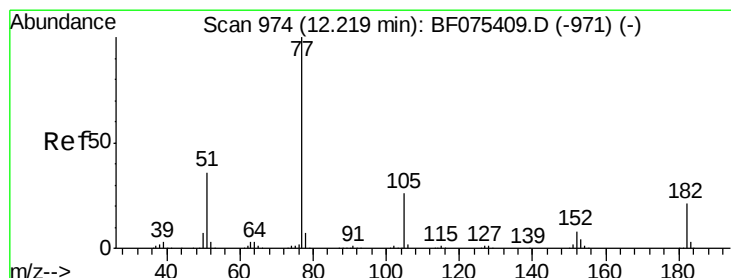
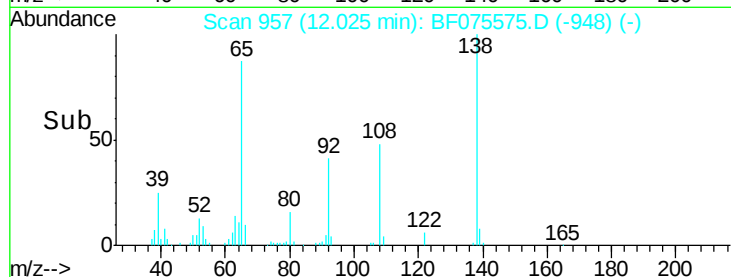
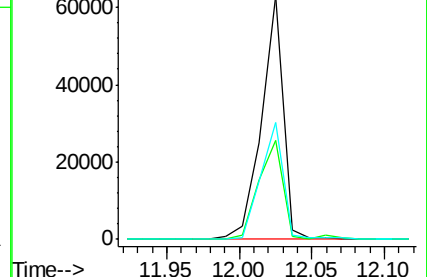
108 47.9 50.6 90.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.98 ng

RT: 12.20 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Tgt Ion: 77 Resp: 236547

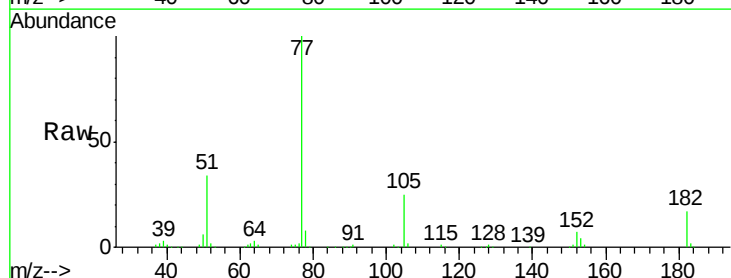
Ion Ratio Lower Upper

77 100

182 16.6 0.0 37.1

105 25.0 3.7 43.7

51 34.2 18.7 58.7

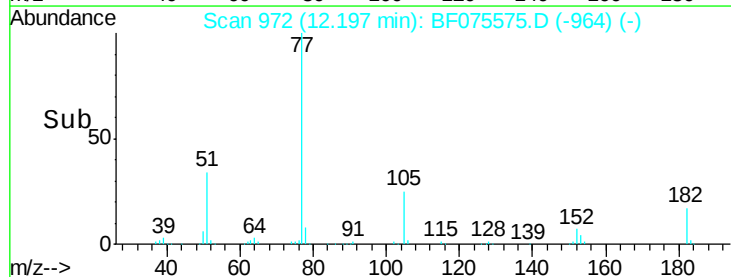
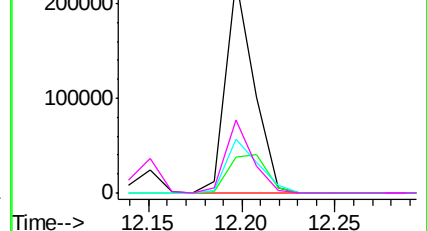


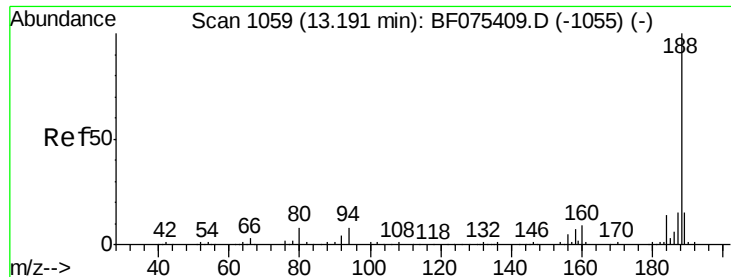
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

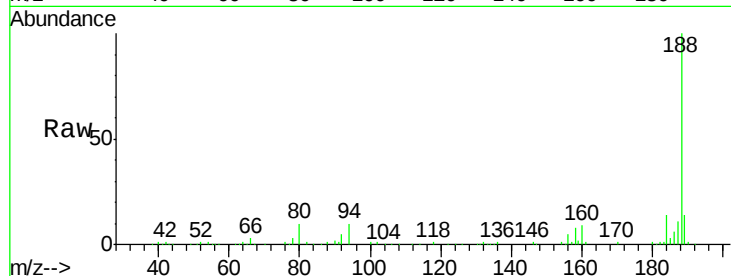
Tgt Ion:188 Resp: 184577

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

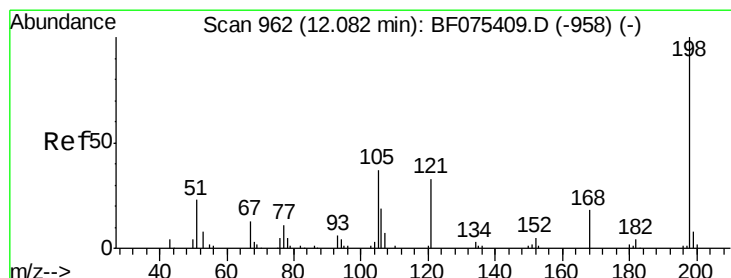
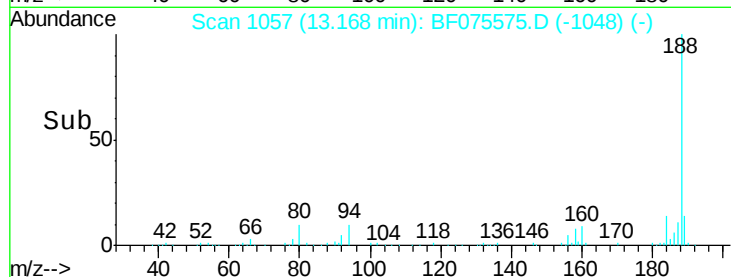
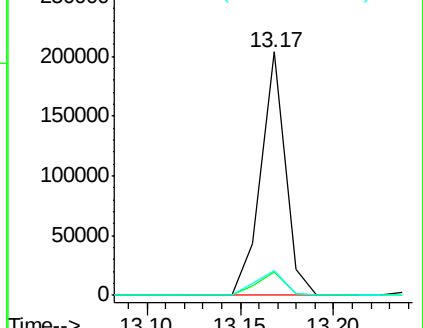
80 10.0 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.53 ng

RT: 12.06 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

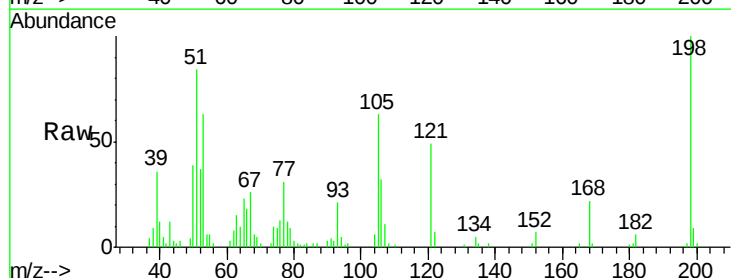
Tgt Ion:198 Resp: 30369

Ion Ratio Lower Upper

198 100

51 84.3 26.0 66.0#

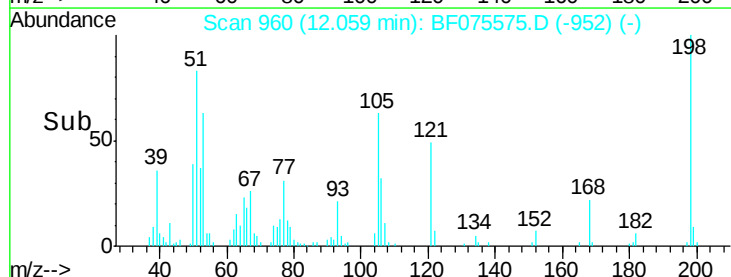
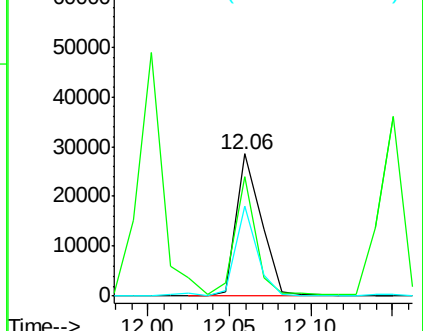
105 63.3 24.2 64.2

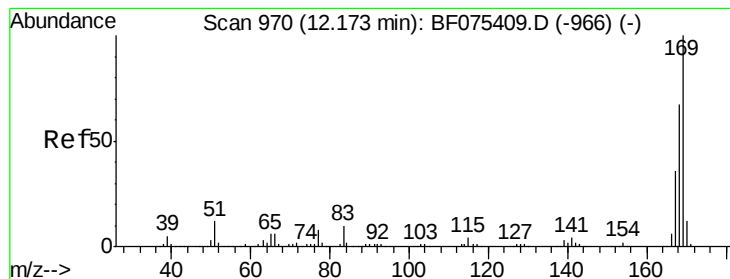


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.10 ng

RT: 12.15 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

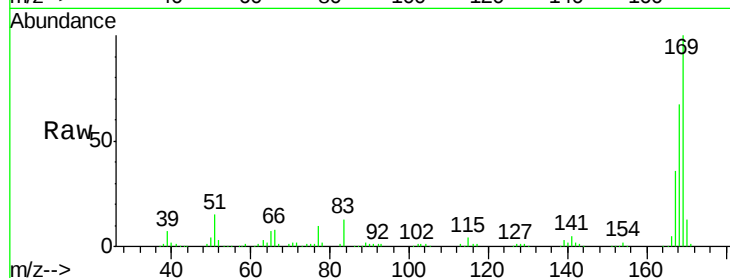
Tgt Ion:169 Resp: 210749

Ion Ratio Lower Upper

169 100

168 67.1 53.5 80.3

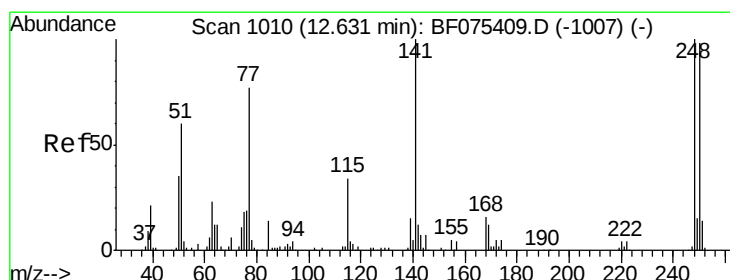
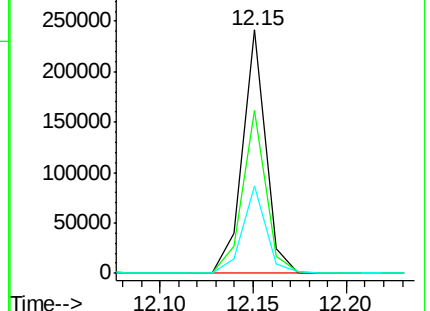
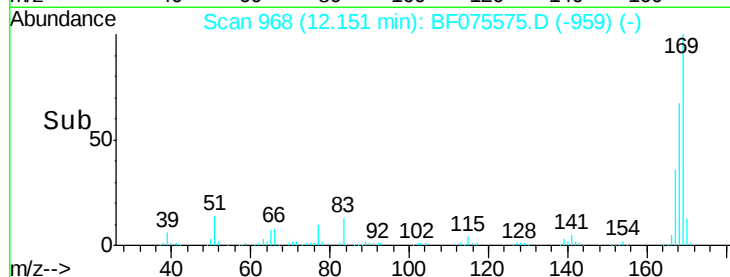
167 36.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.16 ng

RT: 12.61 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

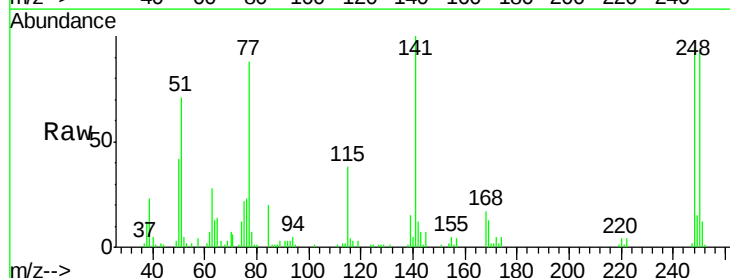
Tgt Ion:248 Resp: 62794

Ion Ratio Lower Upper

248 100

250 97.2 76.3 114.5

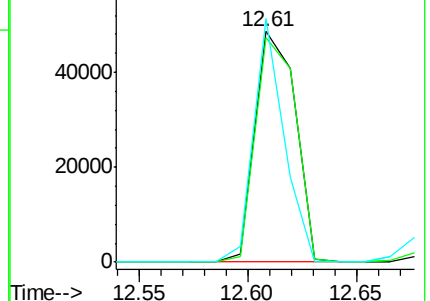
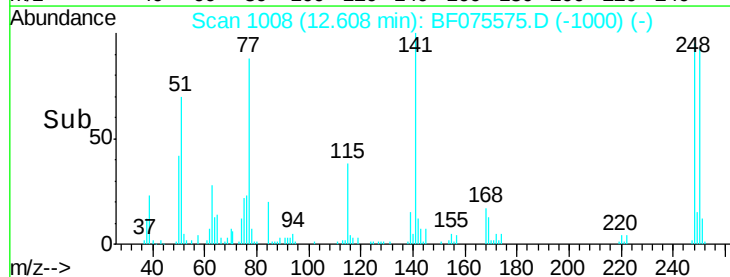
141 105.8 44.3 66.5#

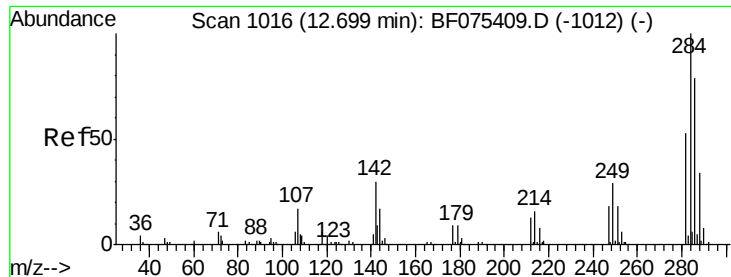


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

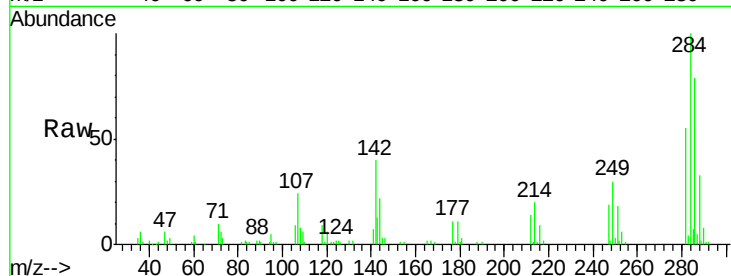




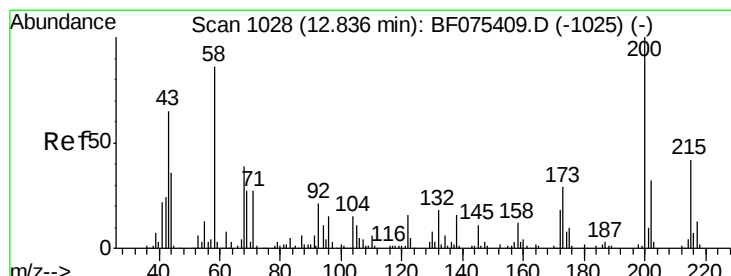
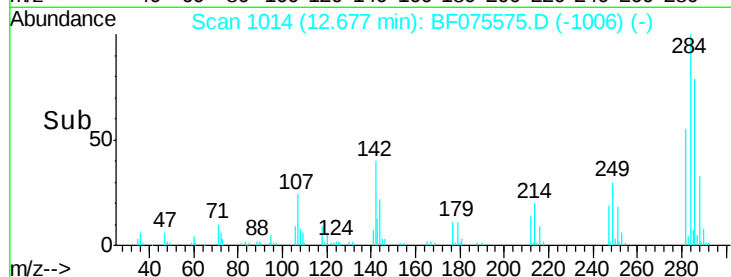
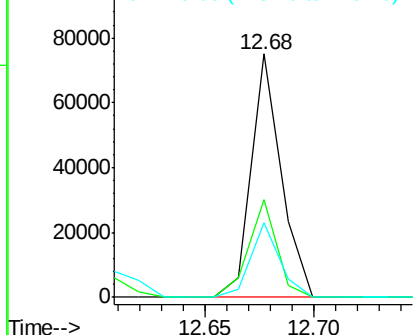
#67
Hexachlorobenzene
Concen: 36.41 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion:284 Resp: 71796
Ion Ratio Lower Upper
284 100
142 40.2 28.7 43.1
249 30.4 24.1 36.1

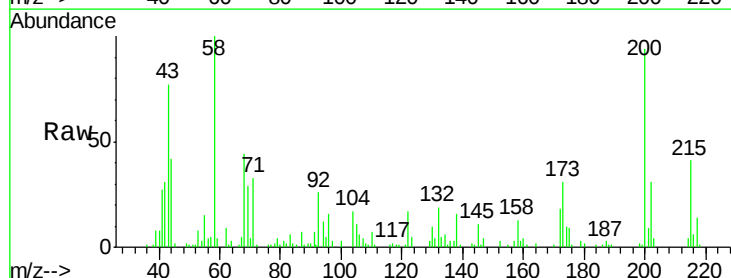


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

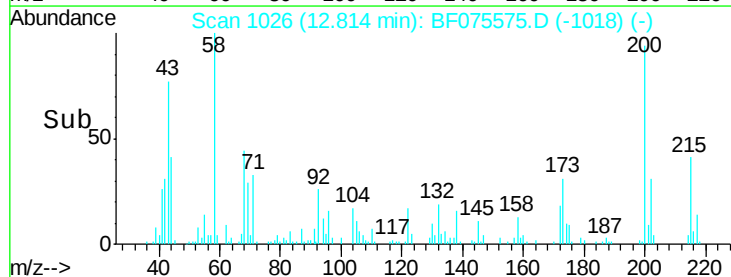
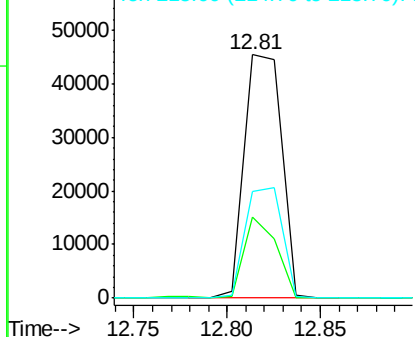


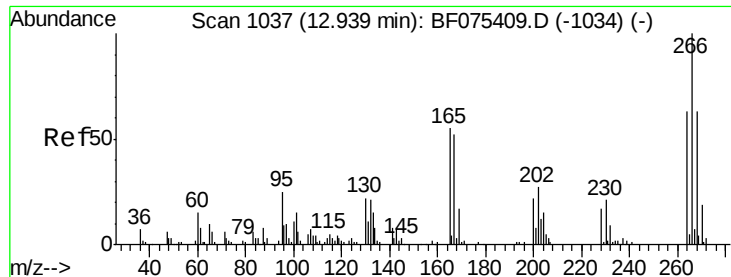
#68
Atrazine
Concen: 34.75 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:200 Resp: 62953
Ion Ratio Lower Upper
200 100
173 33.1 12.3 52.3
215 43.8 23.8 63.8



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

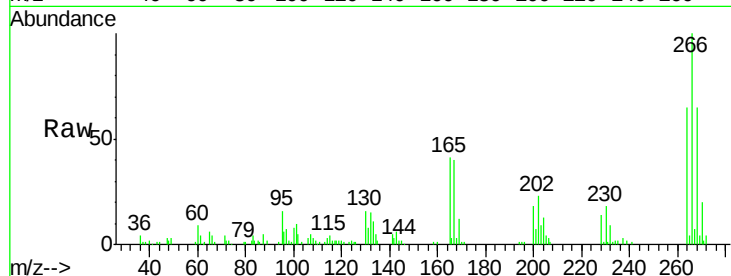




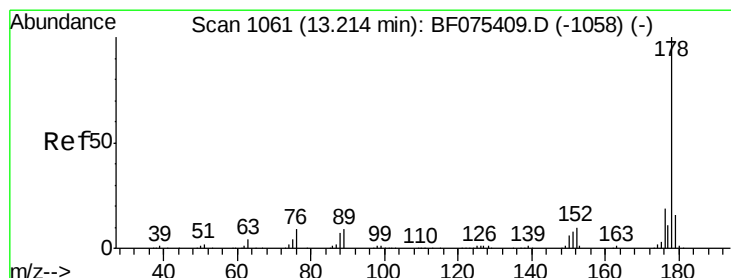
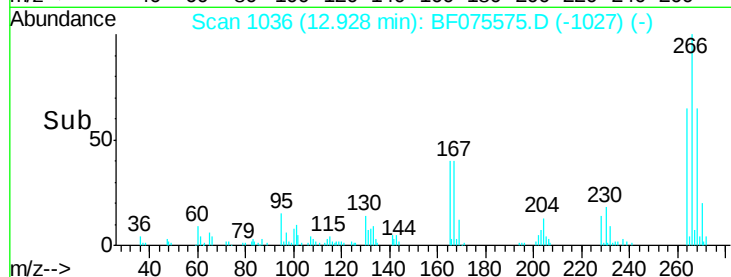
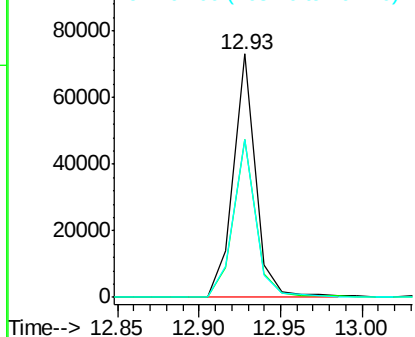
#69
 Pentachlorophenol
 Concen: 55.98 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	48.6	73.0
264	64.7	52.1	78.1

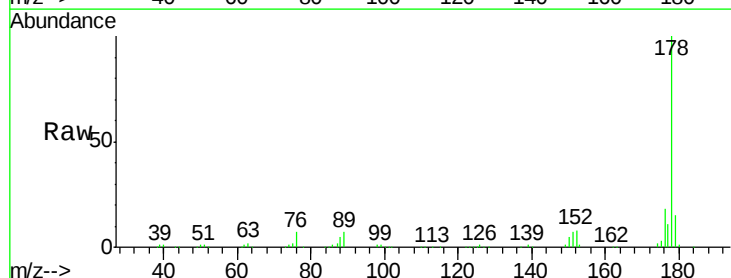


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

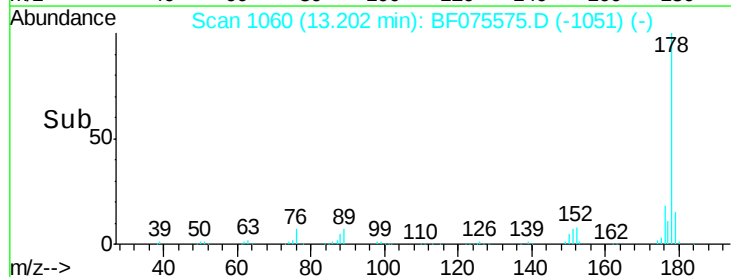
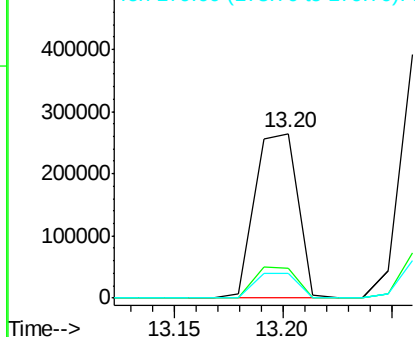


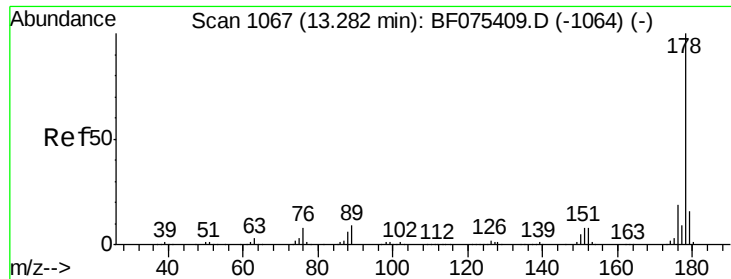
#70
 Phenanthrene
 Concen: 37.55 ng
 RT: 13.20 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	14.7	12.2	18.4



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

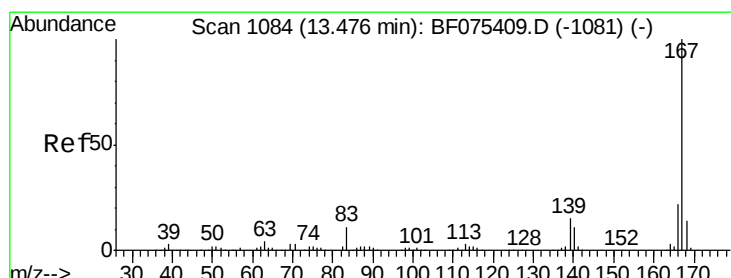
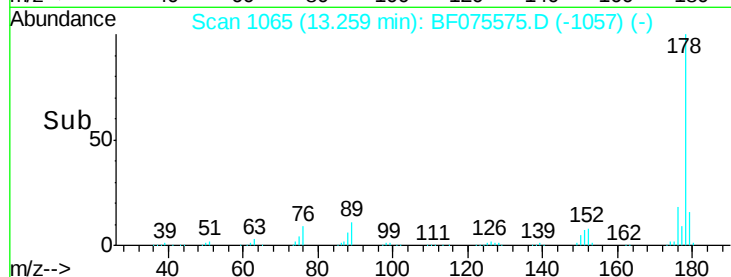
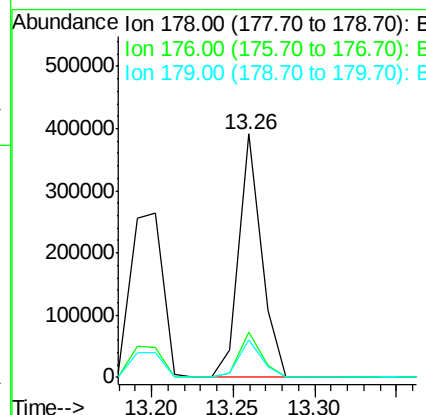
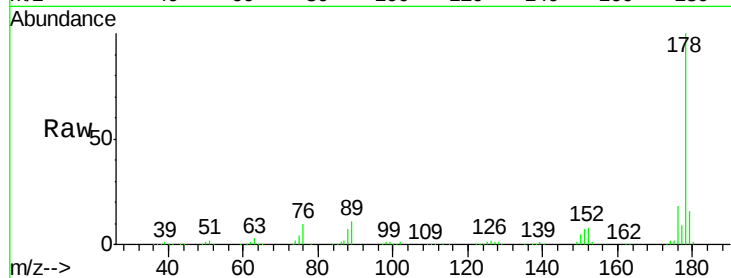




#71
 Anthracene
 Concen: 37.31 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

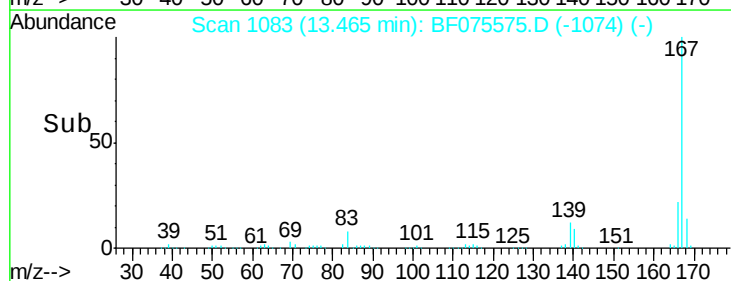
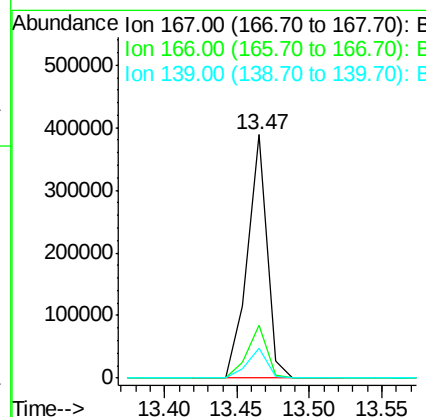
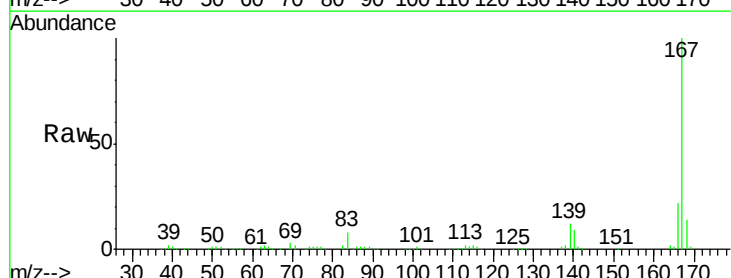
Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

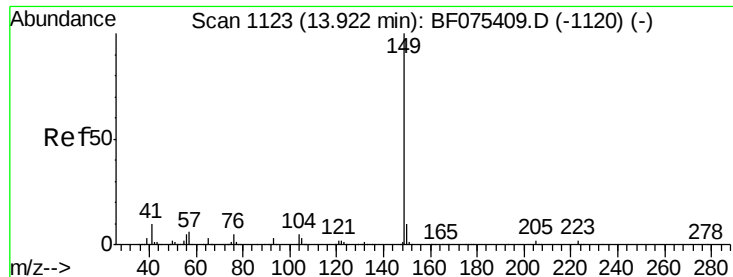
Tgt Ion:178 Resp: 374587
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 15.5 12.2 18.2



#72
 Carbazole
 Concen: 37.39 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion:167 Resp: 367334
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.2 10.1 15.1





#73

Di-n-butylphthalate

Concen: 33.79 ng

RT: 13.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

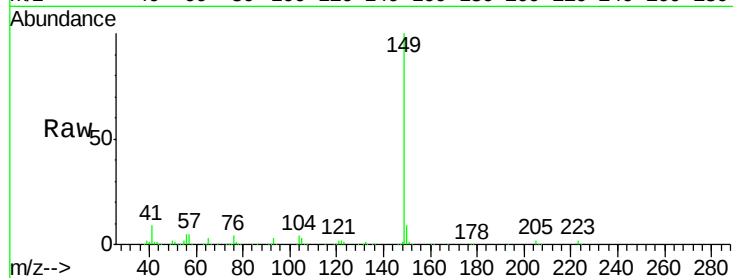
Tgt Ion:149 Resp: 458536

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

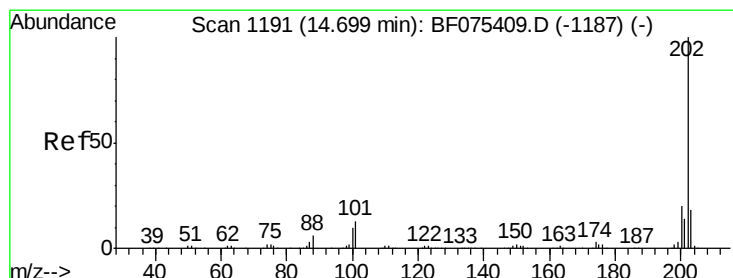
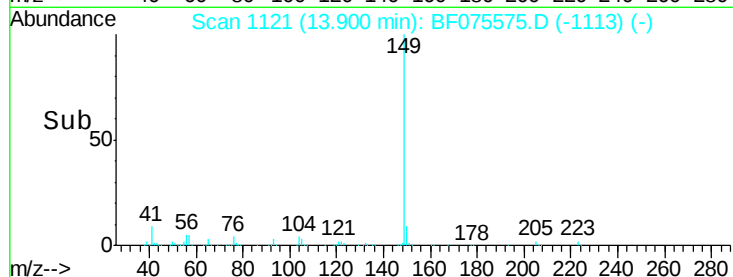
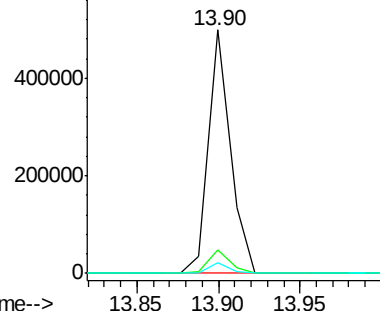
104 4.4 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.38 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

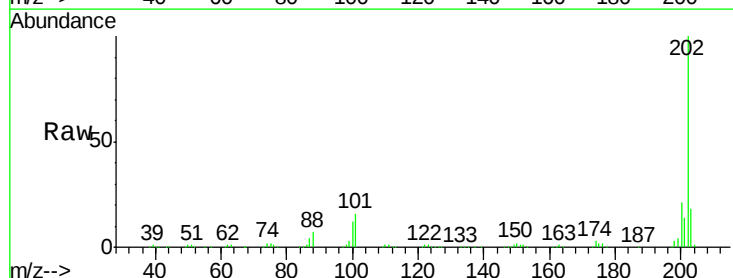
Tgt Ion:202 Resp: 388871

Ion Ratio Lower Upper

202 100

101 15.6 0.0 36.6

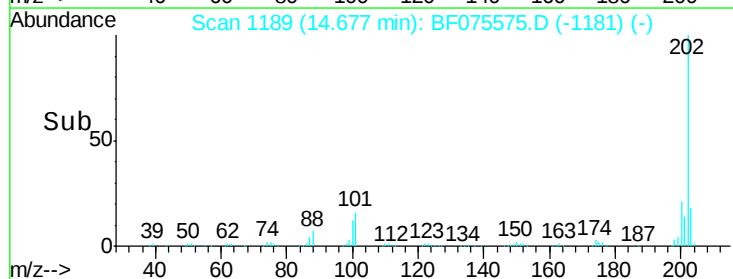
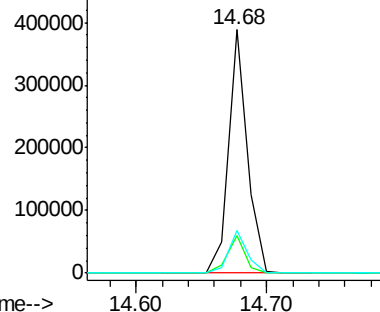
203 17.7 0.0 38.2

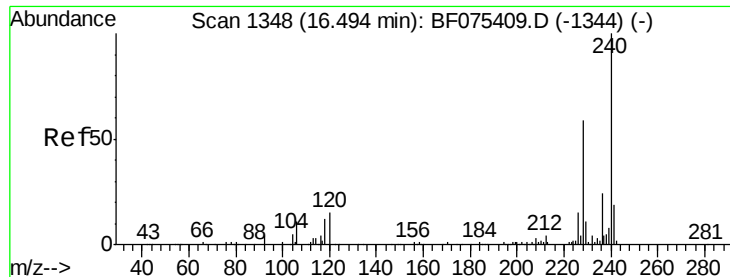


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

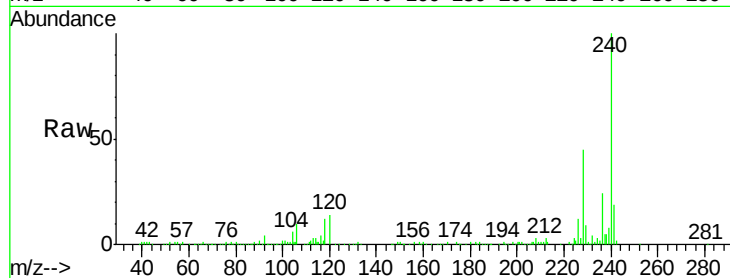
Tgt Ion:240 Resp: 187158

Ion Ratio Lower Upper

240 100

120 14.0 9.6 14.4

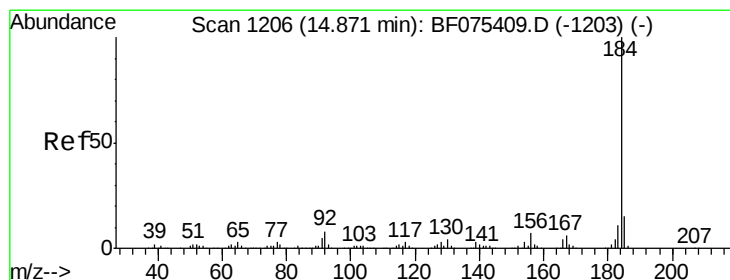
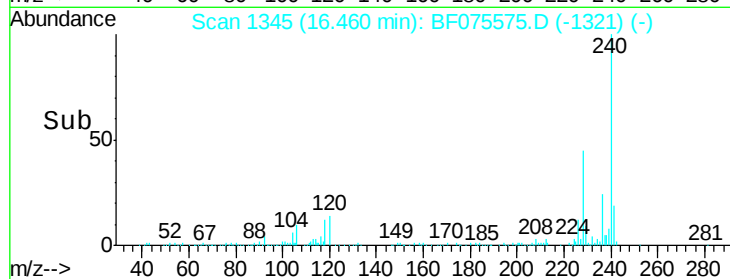
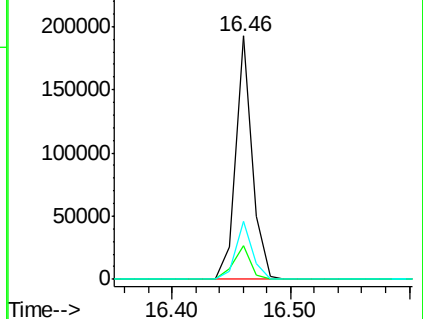
236 23.7 18.9 28.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.77 ng

RT: 14.85 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

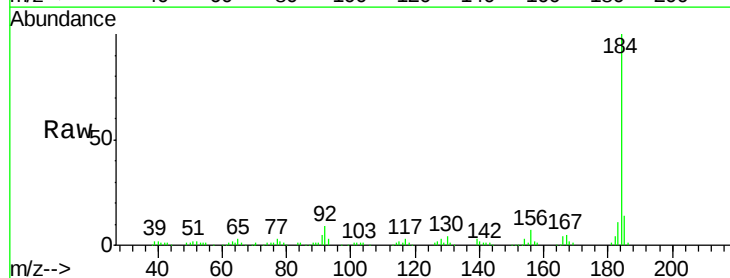
Tgt Ion:184 Resp: 171244

Ion Ratio Lower Upper

184 100

185 14.4 10.9 16.3

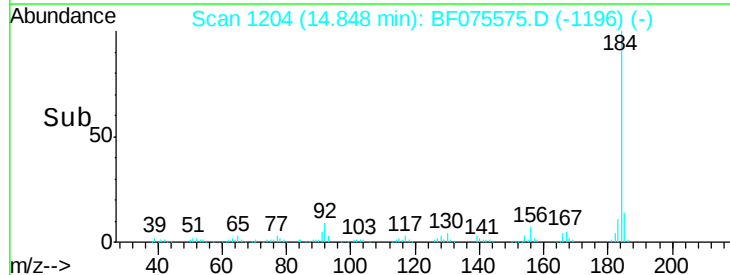
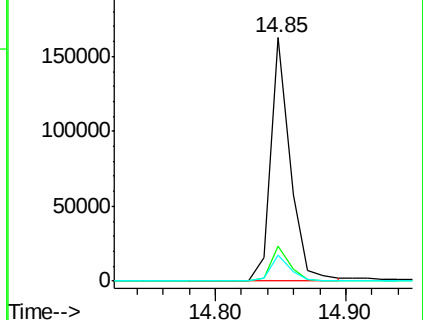
183 10.9 8.7 13.1

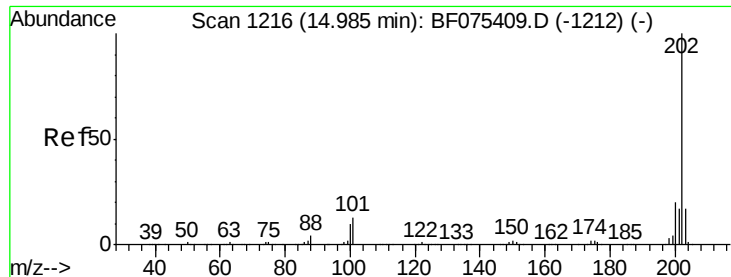


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

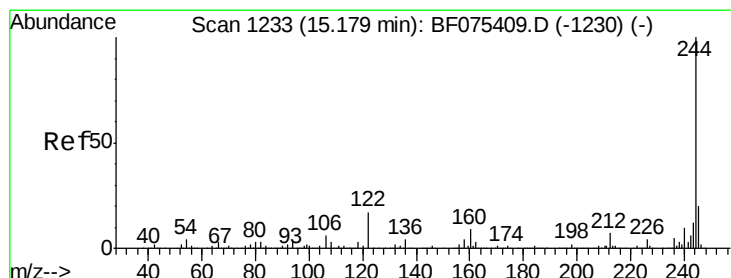
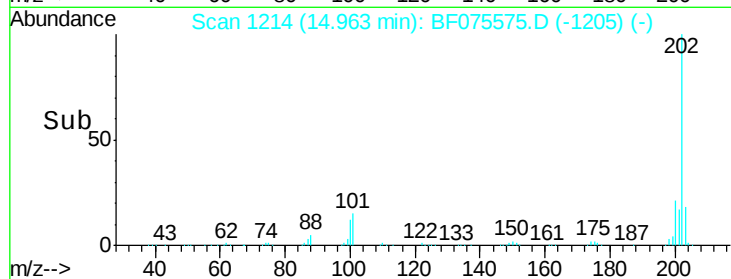
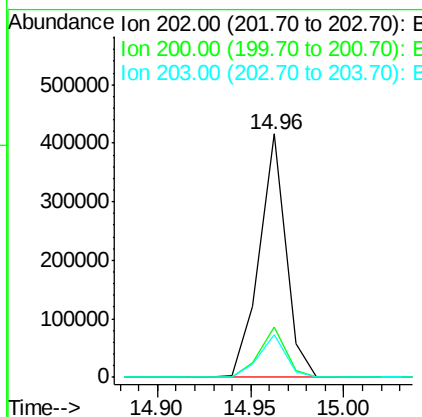
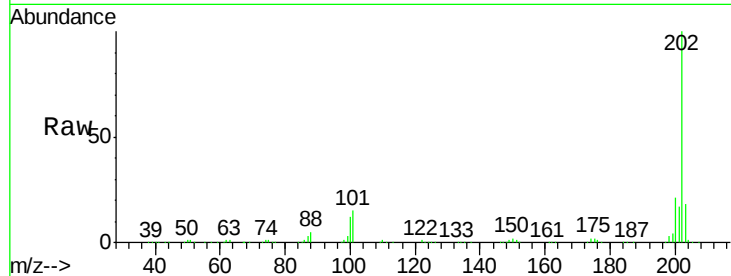




#77
 Pyrene
 Concen: 37.68 ng
 RT: 14.96 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

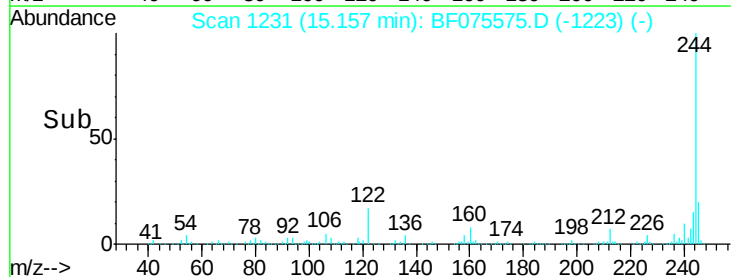
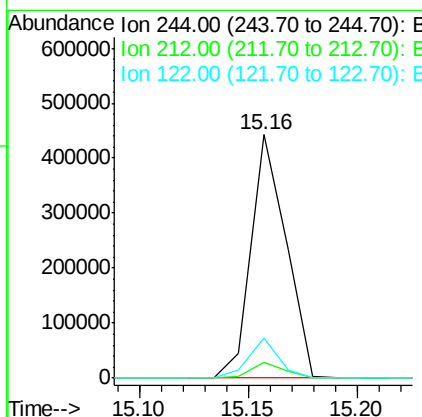
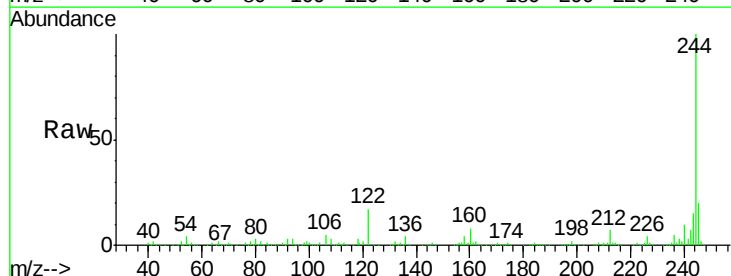
Instrument :
 BNA_F
 ClientSampled :
 FS-005MSD

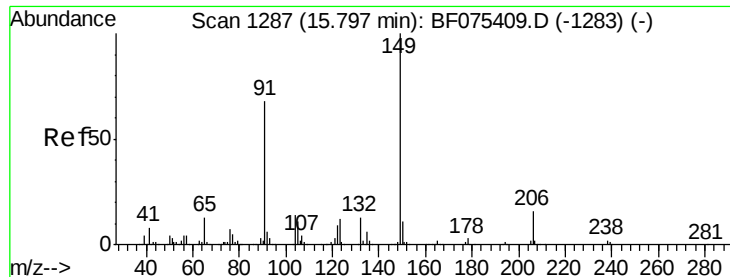
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.5	14.3	21.5



#78
 Terphenyl-d14
 Concen: 71.47 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	16.5	9.7	14.5#

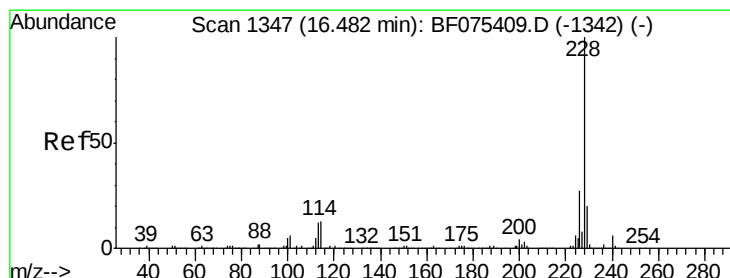
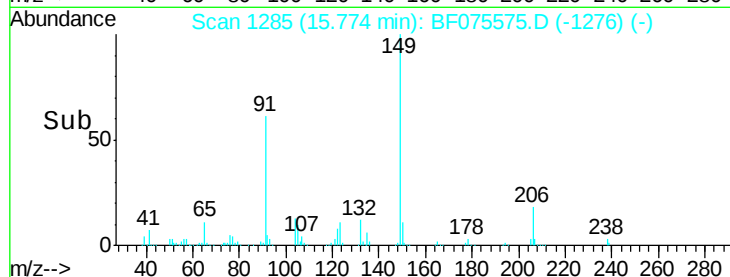
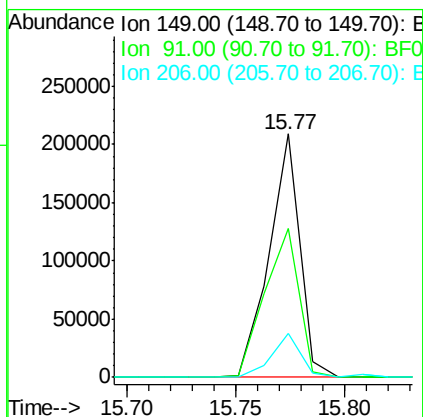
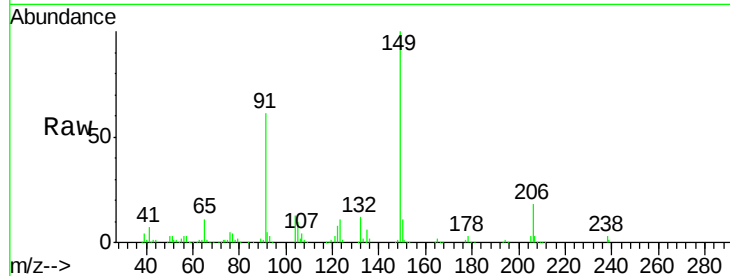




#79
Butylbenzylphthalate
Concen: 33.91 ng
RT: 15.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

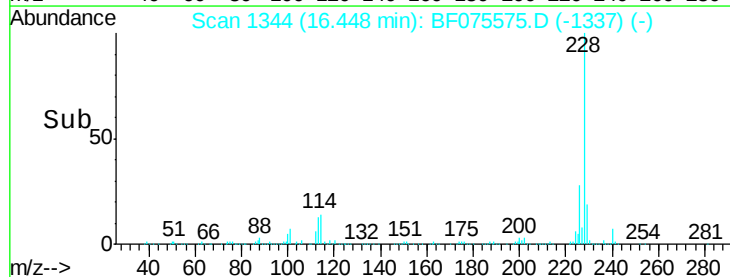
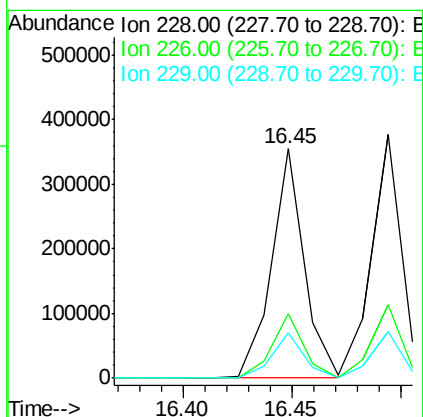
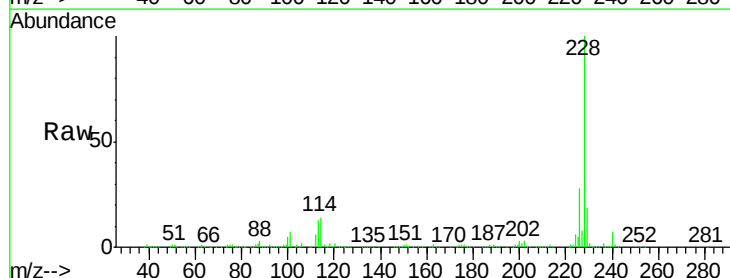
Instrument :
BNA_F
ClientSampleId :
FS-005MSD

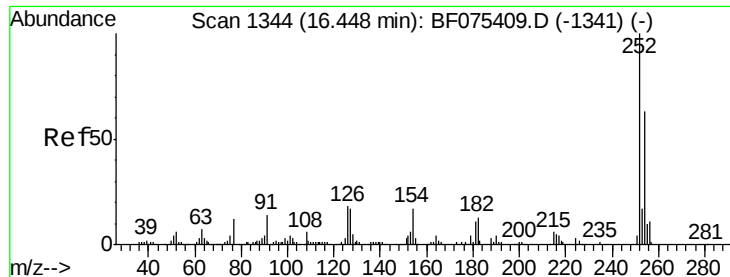
Tgt Ion:149 Resp: 207233
Ion Ratio Lower Upper
149 100
91 61.3 49.0 73.4
206 18.3 15.5 23.3



#80
Benzo(a)anthracene
Concen: 38.05 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion:228 Resp: 374070
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 19.5 15.3 22.9

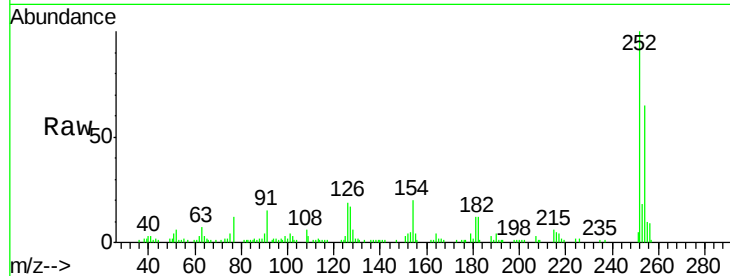




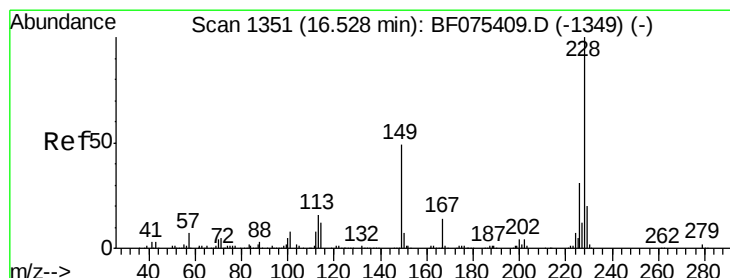
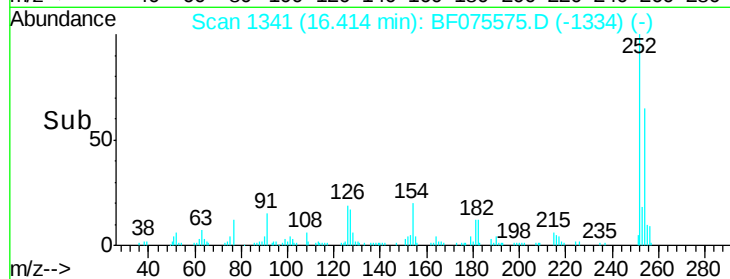
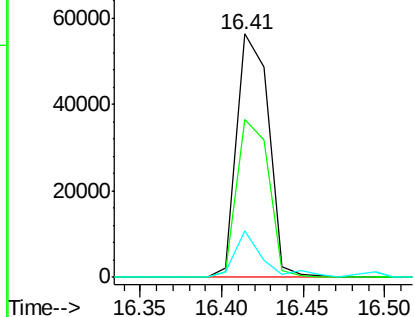
#81
 3,3'-Dichlorobenzidine
 Concen: 20.85 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Instrument :
 BNA_F
 ClientSampleId :
 FS-005MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.0	75.0
126	19.2	16.0	24.0

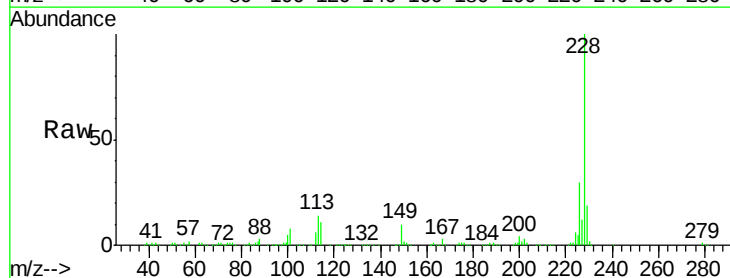


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

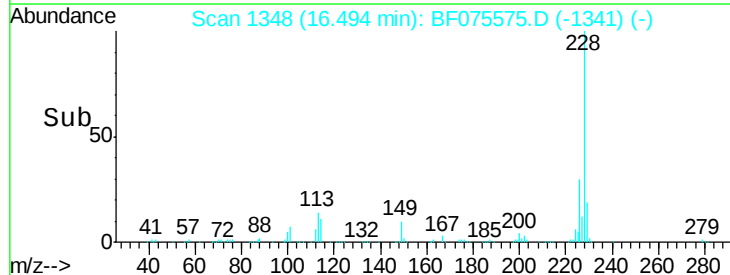
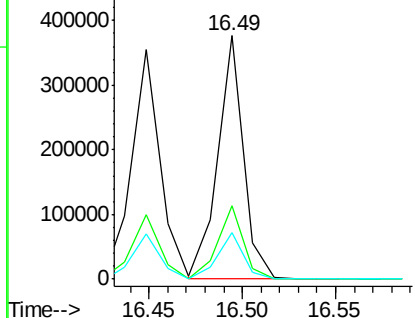


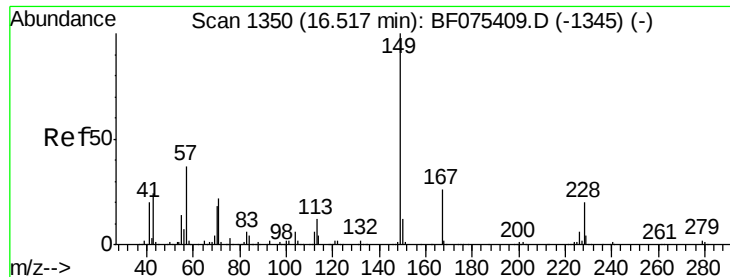
#82
 Chrysene
 Concen: 42.54 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BF075575.D
 Acq: 16 Nov 2014 10:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.2	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.66 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

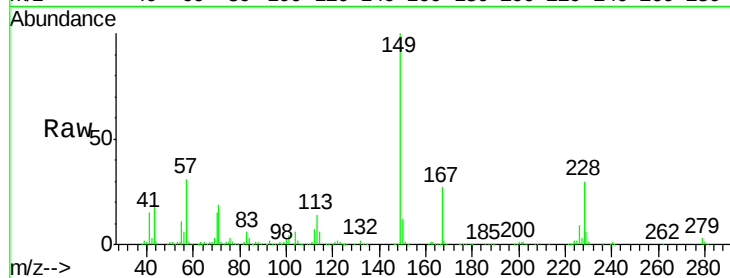
Tgt Ion:149 Resp: 304759

Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.2

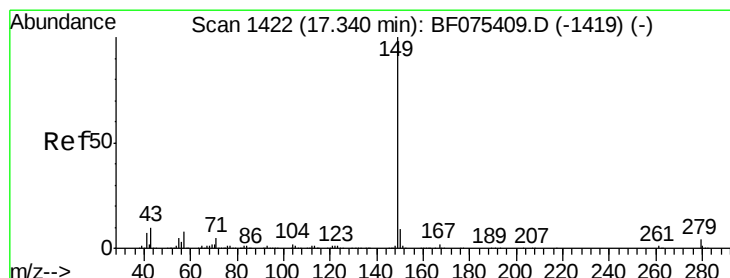
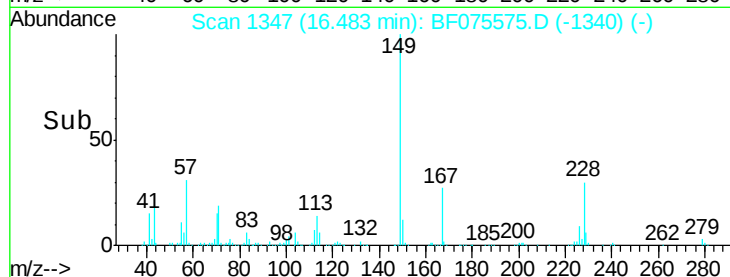
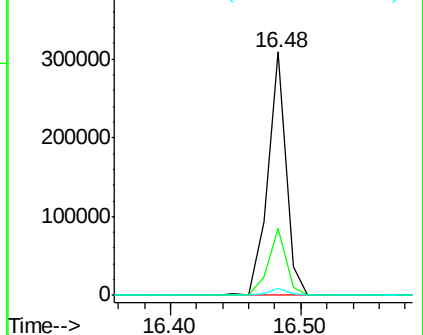
279 2.9 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.48 ng

RT: 17.26 min Scan# 1415

Delta R.T. -0.07 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

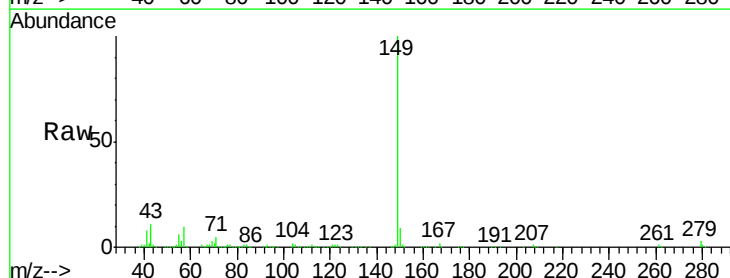
Tgt Ion:149 Resp: 550410

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

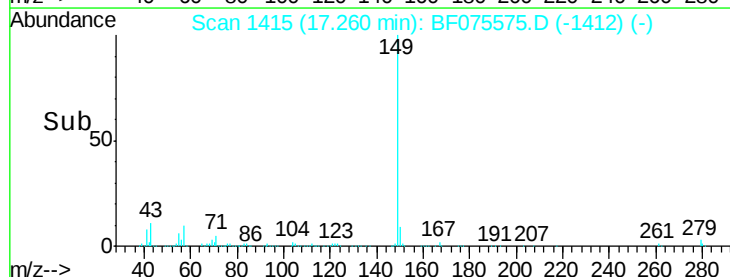
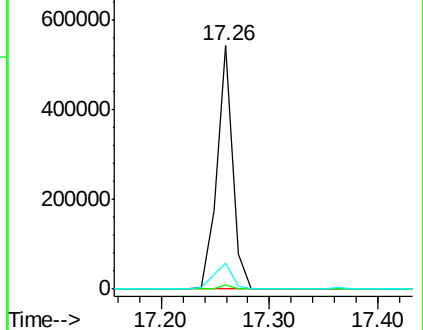
43 11.9 11.0 16.4

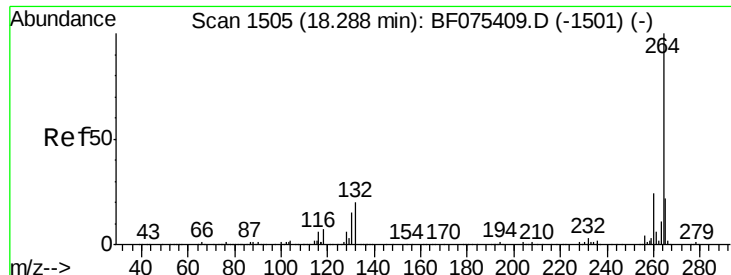


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



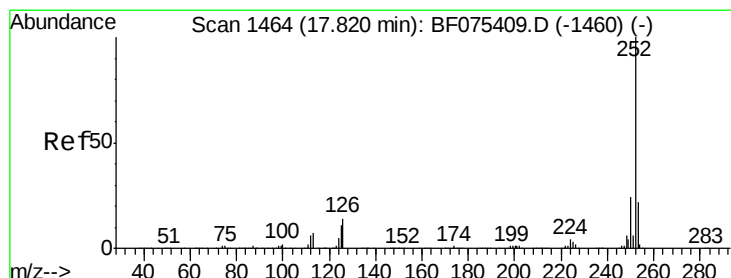
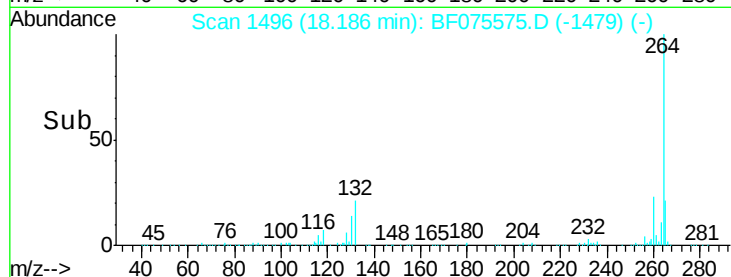
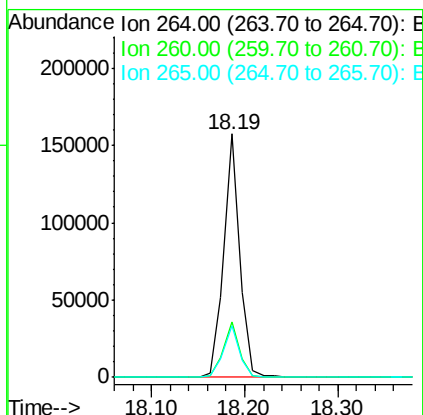
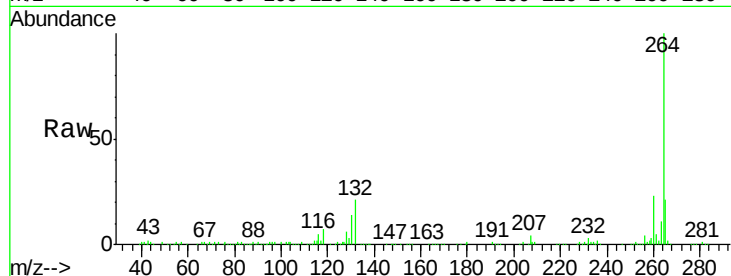


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.10 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Instrument :
BNA_F
ClientSampleId :
FS-005MSD

Tgt Ion: 264 Resp: 188527

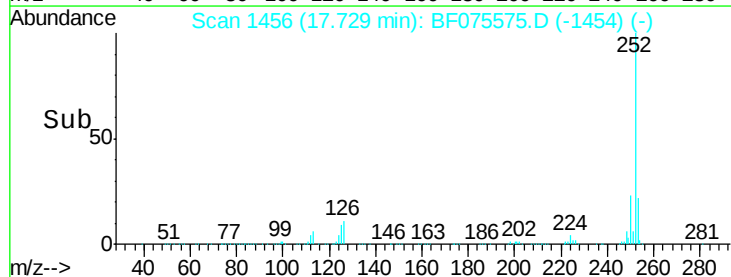
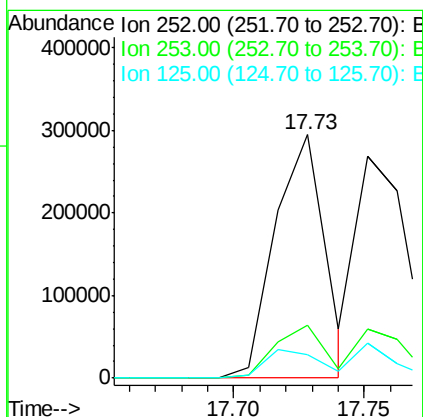
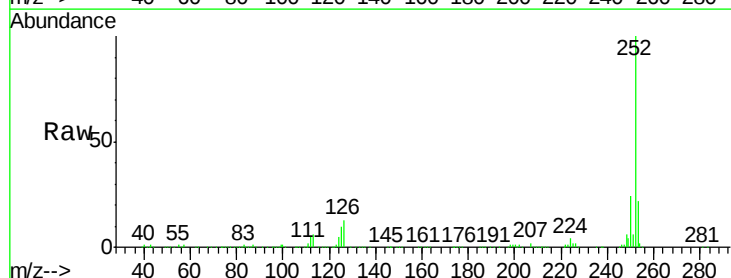
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	21.2	16.3	24.5

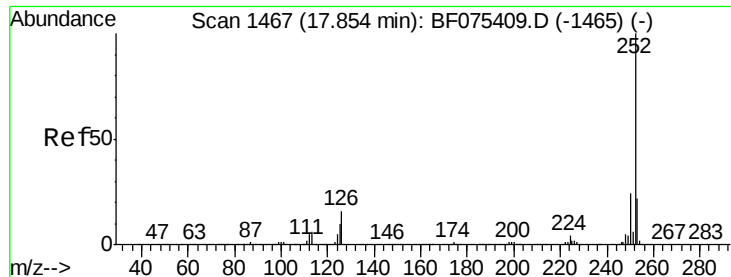


#87
Benzo(b)fluoranthene
Concen: 38.87 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.08 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion: 252 Resp: 391774

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	11.8	17.6

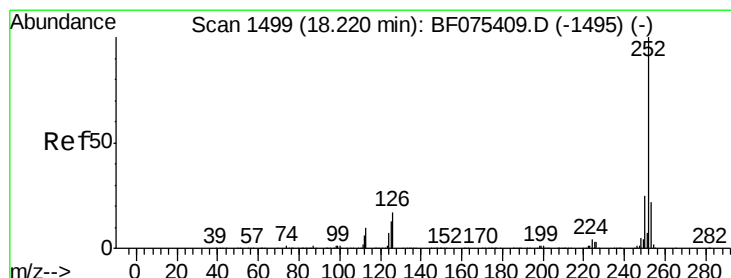
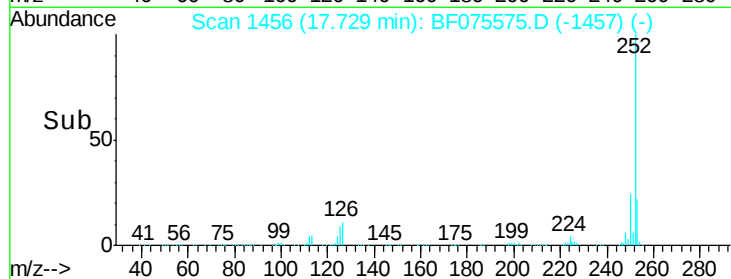
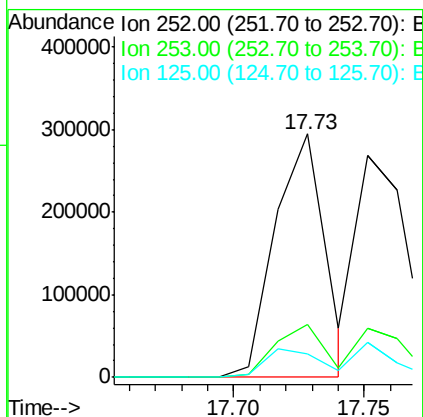
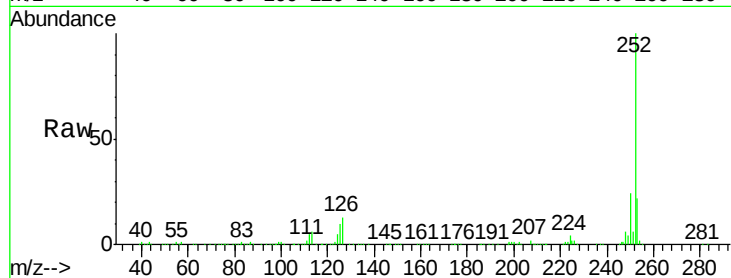




#88
Benzo(k)fluoranthene
Concen: 43.31 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.11 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

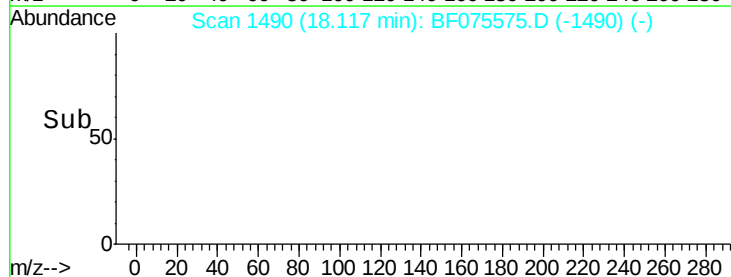
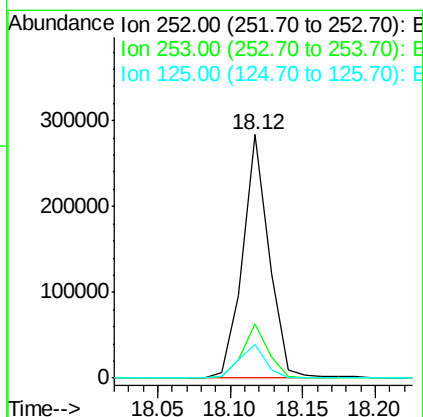
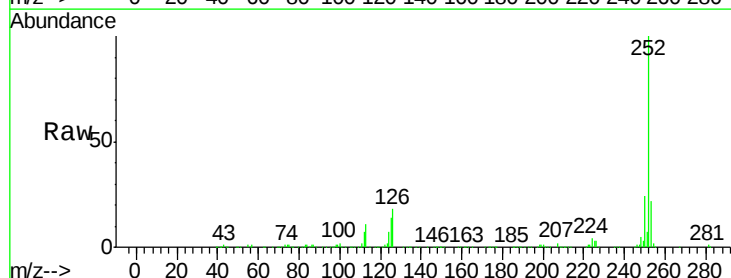
Instrument :
BNA_F
ClientSampleId :
FS-005MSD

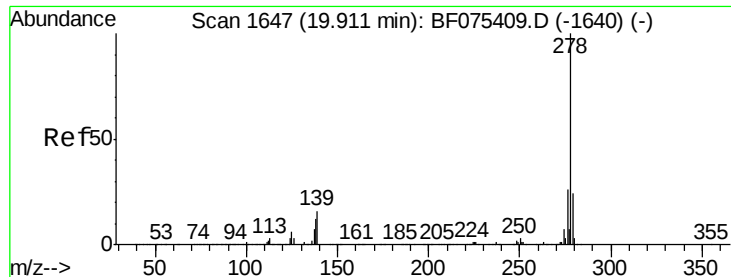
Tgt Ion: 252 Resp: 391774
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 9.8 11.6 17.4#



#89
Benzo(a)pyrene
Concen: 39.97 ng
RT: 18.12 min Scan# 1490
Delta R.T. -0.10 min
Lab File: BF075575.D
Acq: 16 Nov 2014 10:44

Tgt Ion: 252 Resp: 360505
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.8 12.2 18.4





#90

Dibenzo(a,h)anthracene

Concen: 39.45 ng

RT: 19.77 min Scan# 1635

Delta R.T. -0.13 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

Instrument :

BNA_F

ClientSampleId :

FS-005MSD

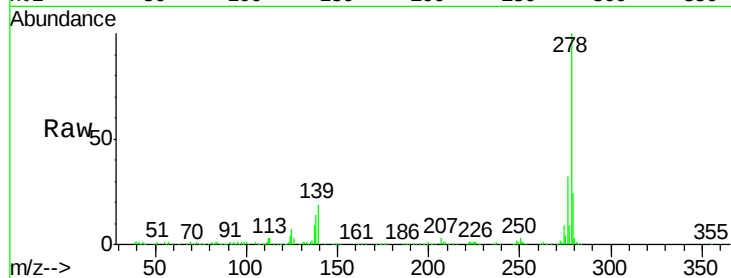
Tgt Ion:278 Resp: 371589

Ion Ratio Lower Upper

278 100

139 18.7 13.6 20.4

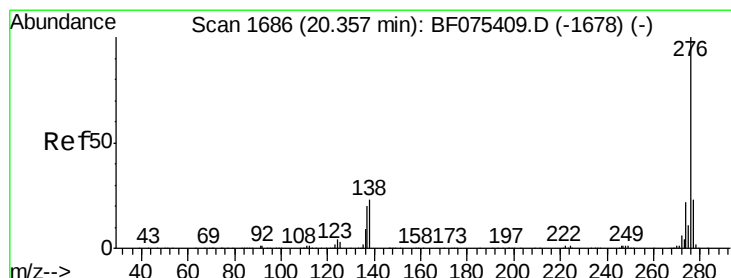
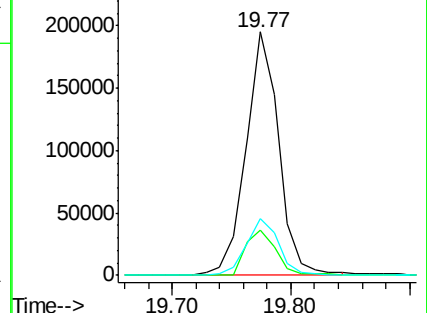
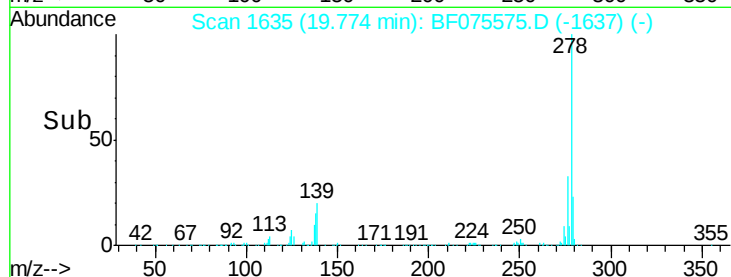
279 23.5 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.97 ng

RT: 20.22 min Scan# 1674

Delta R.T. -0.13 min

Lab File: BF075575.D

Acq: 16 Nov 2014 10:44

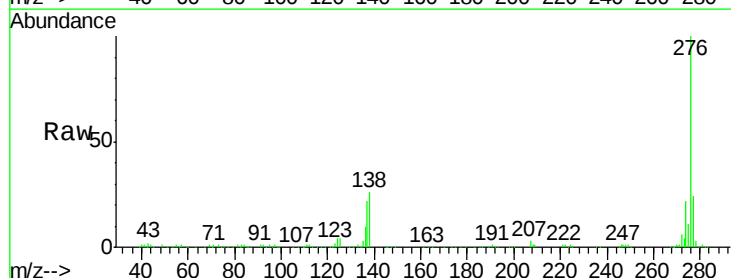
Tgt Ion:276 Resp: 358671

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.8

138 26.0 22.8 34.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

