

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075539.D
 Acq On : 15 Nov 2014 13:57
 Operator : TP / JJ
 Sample : F4706-05MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Quant Time: Nov 16 02:38:46 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	53728	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	232066	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	122591	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	201513	20.00	ng	0.00
75) Chrysene-d12	16.45	240	210940	20.00	ng	-0.01
86) Perylene-d12	18.20	264	219866	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	316378	104.03	ng	0.01
7) Phenol-d6	7.09	99	381894	104.42	ng	0.00
23) Nitrobenzene-d5	8.24	82	217166	68.61	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	91807	89.41	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	386539	56.98	ng	-0.01
78) Terphenyl-d14	15.15	244	416092	53.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	38885	30.46	ng	96
3) Pyridine	3.28	79	58397	17.02	ng	93
4) n-Nitrosodimethylamine	3.18	42	53234	29.31	ng	86
6) Aniline	7.13	93	92567	17.52	ng	97
8) 2-Chlorophenol	7.28	128	109759	31.18	ng	99
9) Benzaldehyde	7.00	77	5775	2.35	ng	88
10) Phenol	7.11	94	155759	34.91	ng	85
11) bis(2-Chloroethyl)ether	7.24	93	114087	33.76	ng	# 80
12) 1,3-Dichlorobenzene	7.48	146	118777	30.96	ng	98
13) 1,4-Dichlorobenzene	7.57	146	118813	30.45	ng	99
14) 1,2-Dichlorobenzene	7.76	146	114056	31.17	ng	# 91
15) Benzyl Alcohol	7.73	79	86208	30.03	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.90	45	226489	32.38	ng	98
17) 2-Methylphenol	7.86	107	93209	31.98	ng	97
18) Hexachloroethane	8.17	117	41977	31.37	ng	93
19) n-Nitroso-di-n-propylamine	8.06	70	82550	33.12	ng	91
20) 3+4-Methylphenols	8.05	107	123098	32.26	ng	# 84
22) Acetophenone	8.05	105	162424	32.44	ng	# 78
24) Nitrobenzene	8.26	77	122363	33.36	ng	95
25) Isophorone	8.56	82	220062	30.45	ng	98
26) 2-Nitrophenol	8.65	139	52181	31.22	ng	94
27) 2,4-Dimethylphenol	8.71	122	104292	32.19	ng	100
28) bis(2-Chloroethoxy)methane	8.84	93	149756	34.00	ng	99
29) 2,4-Dichlorophenol	8.95	162	90910	32.03	ng	99
30) 1,2,4-Trichlorobenzene	9.06	180	88469	29.69	ng	98
31) Naphthalene	9.16	128	352617	34.08	ng	100
32) Benzoic acid	8.77	122	32570	16.64	ng	97
33) 4-Chloroaniline	9.22	127	67297	14.97	ng	99
34) Hexachlorobutadiene	9.32	225	46005	28.57	ng	98
35) Caprolactam	9.62	113	29198	31.04	ng	94
36) 4-Chloro-3-methylphenol	9.82	107	96287	30.92	ng	98
37) 2-Methylnaphthalene	10.01	142	219424	31.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	80076	31.78	ng	97
40) Hexachlorocyclopentadiene	10.21	237	84306	55.07	ng	97

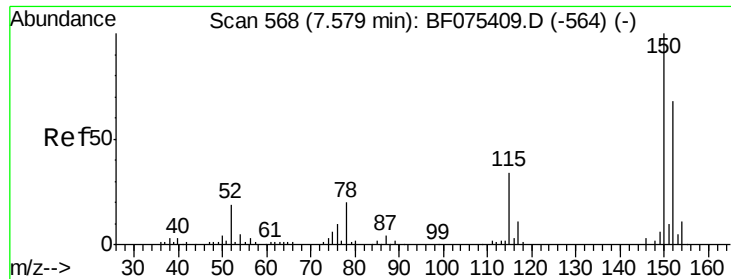
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	58238	29.06	ng	99
43) 2,4,5-Trichlorophenol	10.40	196	59775	28.64	ng #	83
45) 1,1'-Biphenyl	10.60	154	258990	31.32	ng	99
46) 2-Chloronaphthalene	10.62	162	208663	32.27	ng	96
47) 2-Nitroaniline	10.74	65	65788	33.82	ng #	80
48) Acenaphthylene	11.13	152	348121	32.66	ng	99
49) Dimethylphthalate	10.98	163	257028	30.67	ng	99
50) 2,6-Dinitrotoluene	11.05	165	50289	30.47	ng #	76
51) Acenaphthene	11.35	154	215607	33.51	ng	99
52) 3-Nitroaniline	11.26	138	45322	23.29	ng #	77
53) 2,4-Dinitrophenol	11.38	184	24669	35.42	ng #	72
54) Dibenzofuran	11.57	168	298521	32.46	ng	92
55) 4-Nitrophenol	11.45	139	95632	61.47	ng	84
56) 2,4-Dinitrotoluene	11.54	165	65869	30.37	ng #	69
57) Fluorene	11.99	166	240758	32.37	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.72	232	50613	30.55	ng #	94
59) Diethylphthalate	11.85	149	235206	27.05	ng	99
60) 4-Chlorophenyl-phenylether	12.00	204	98600	30.83	ng #	82
61) 4-Nitroaniline	12.01	138	60519	31.10	ng #	75
62) Azobenzene	12.20	77	235017	30.72	ng	85
64) 4,6-Dinitro-2-methylphenol	12.05	198	24859	24.39	ng #	66
65) n-Nitrosodiphenylamine	12.14	169	195142	30.62	ng	100
66) 4-Bromophenyl-phenylether	12.61	248	59106	31.18	ng #	91
67) Hexachlorobenzene	12.67	284	65736	30.53	ng #	90
68) Atrazine	12.81	200	58944	29.80	ng	95
69) Pentachlorophenol	12.92	266	71062	52.59	ng	96
70) Phenanthrene	13.19	178	382044	36.02	ng	99
71) Anthracene	13.25	178	360005	32.84	ng	98
72) Carbazole	13.45	167	347743	32.42	ng	98
73) Di-n-butylphthalate	13.90	149	426780	28.80	ng	99
74) Fluoranthene	14.67	202	393955	34.68	ng	100
76) Benzidine	14.84	184	169120	25.21	ng	99
77) Pyrene	14.95	202	419977	34.25	ng	99
79) Butylbenzylphthalate	15.76	149	190756	27.70	ng	92
80) Benzo(a)anthracene	16.44	228	362652	32.73	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	92401	22.58	ng #	92
82) Chrysene	16.48	228	332395	34.68	ng	100
83) Bis(2-ethylhexyl)phthalate	16.47	149	284156	26.19	ng #	97
84) Di-n-octyl phthalate	17.27	149	494389	25.89	ng	98
85) Indeno(1,2,3-cd)pyrene	19.75	276	408197	35.11	ng #	100
87) Benzo(b)fluoranthene	17.76	252	304798	25.93	ng	99
88) Benzo(k)fluoranthene	17.76	252	332565	31.52	ng	98
89) Benzo(a)pyrene	18.13	252	355934	33.84	ng	97
90) Dibenzo(a,h)anthracene	19.79	278	352512	32.09	ng	98
91) Benzo(g,h,i)perylene	20.22	276	347889	33.24	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

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SB-05(36-38)-111014MSD

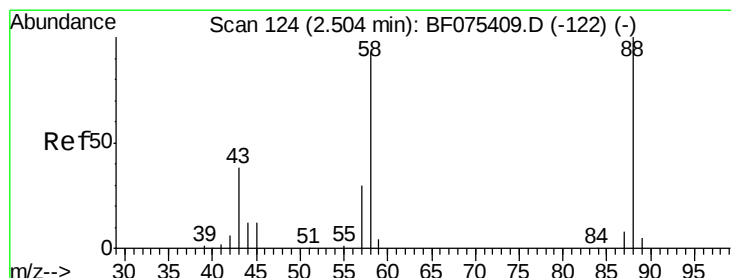
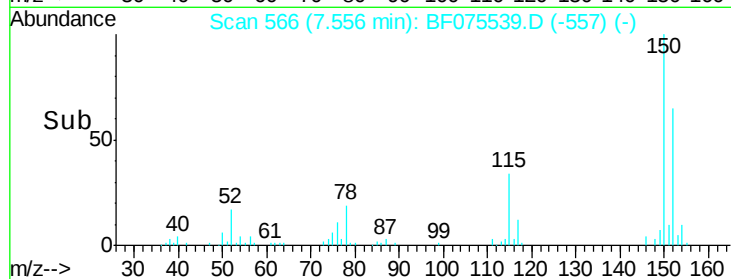
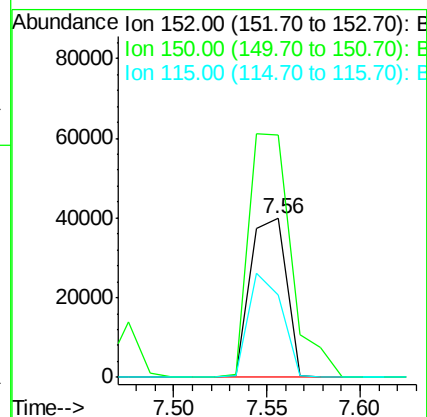
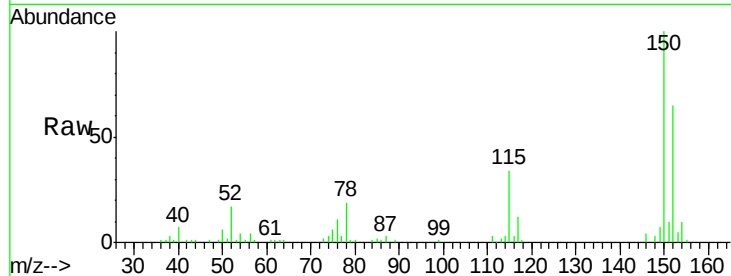
Tgt Ion:152 Resp: 53728

Ion Ratio Lower Upper

152 100

150 152.8 127.2 190.8

115 51.8 57.1 85.7#



#2

1,4-Dioxane

Concen: 30.46 ng

RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

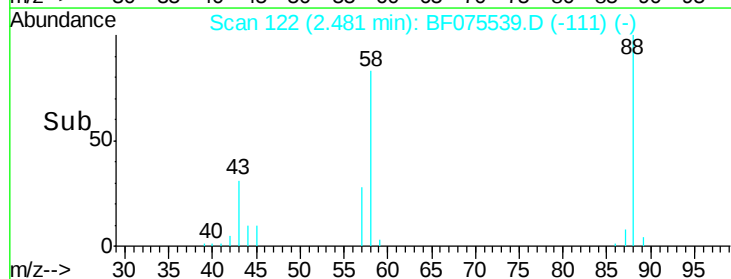
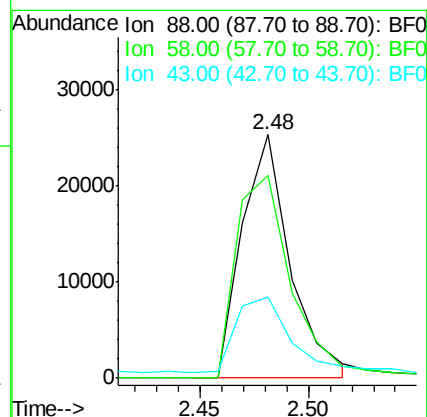
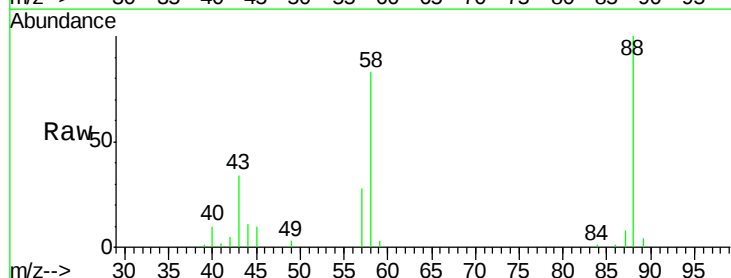
Tgt Ion: 88 Resp: 38885

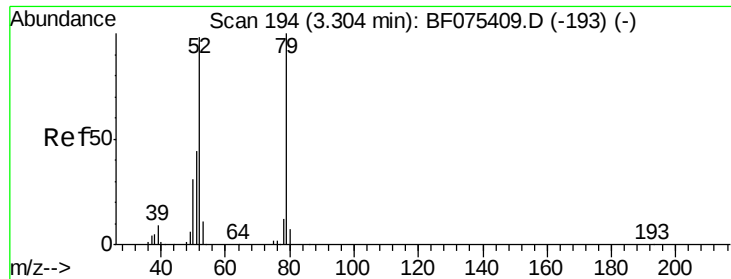
Ion Ratio Lower Upper

88 100

58 94.2 73.5 110.3

43 35.0 31.9 47.9





#3

Pyridine

Concen: 17.02 ng

RT: 3.28 min Scan# 192

Delta R.T. 0.03 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

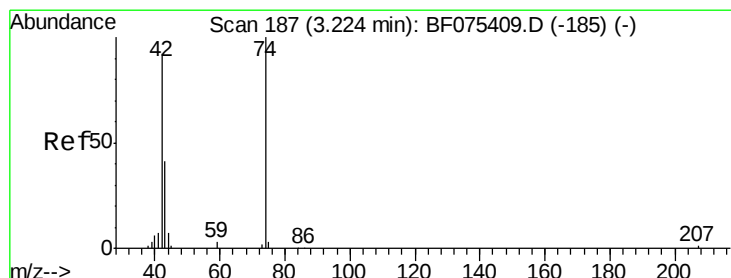
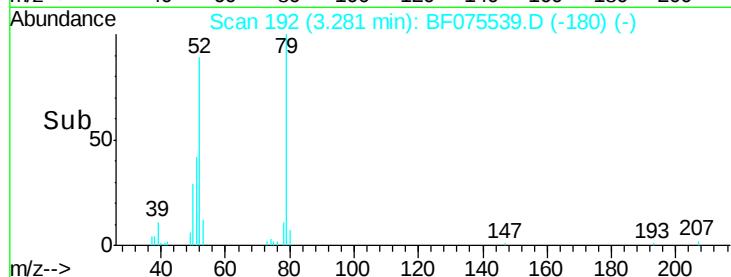
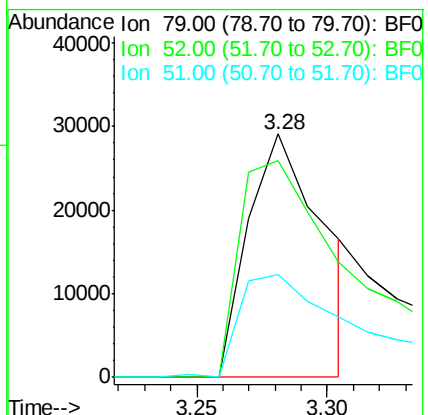
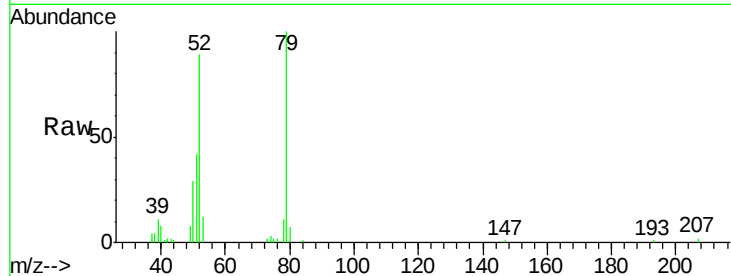
Tgt Ion: 79 Resp: 58397

Ion Ratio Lower Upper

79 100

52 89.1 76.6 115.0

51 42.3 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 29.31 ng

RT: 3.18 min Scan# 183

Delta R.T. 0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

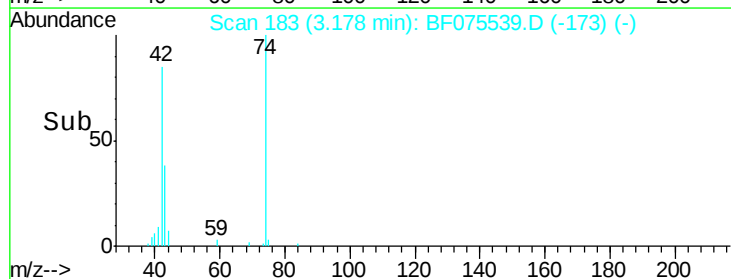
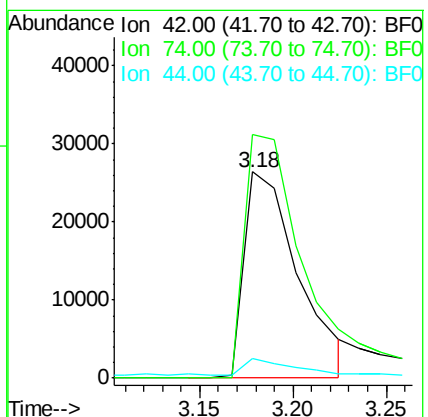
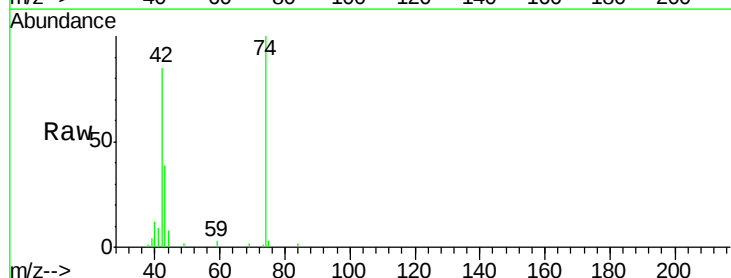
Tgt Ion: 42 Resp: 53234

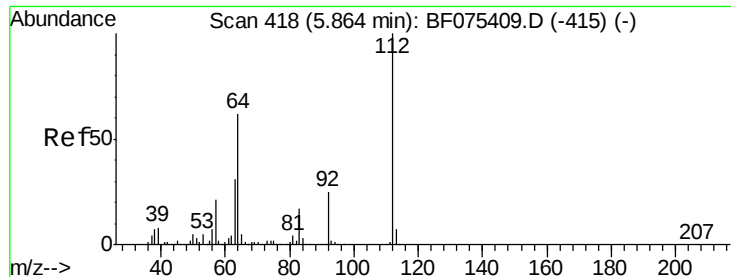
Ion Ratio Lower Upper

42 100

74 118.3 82.4 123.6

44 9.4 8.2 12.4





#5

2-Fluorophenol

Concen: 104.03 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

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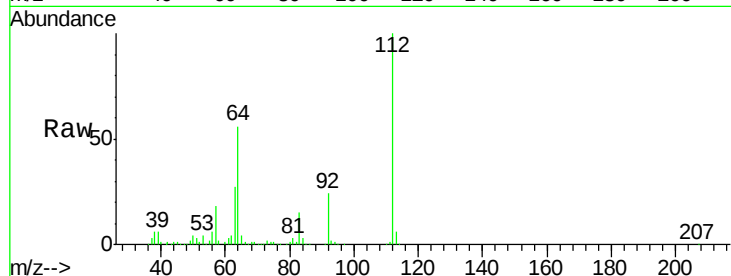
Tgt Ion: 112 Resp: 316378

Ion Ratio Lower Upper

112 100

64 56.2 45.8 68.6

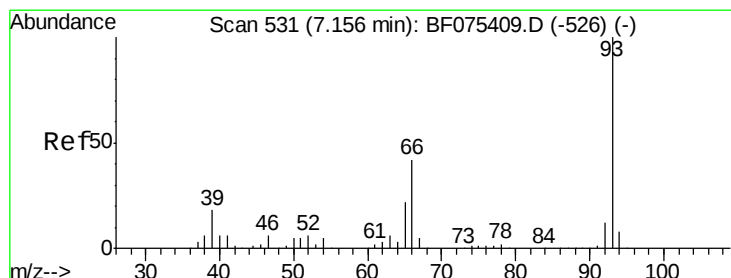
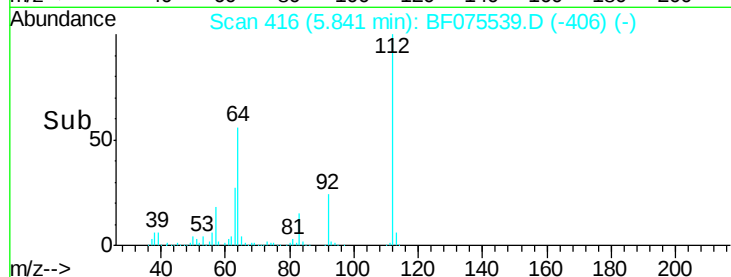
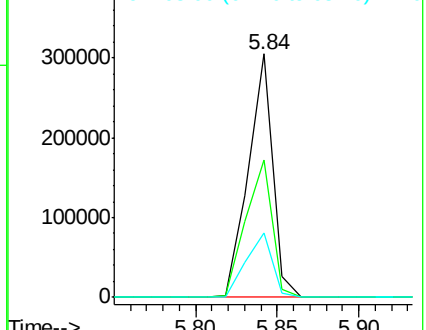
63 26.7 22.7 34.1



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: 17.52 ng

RT: 7.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

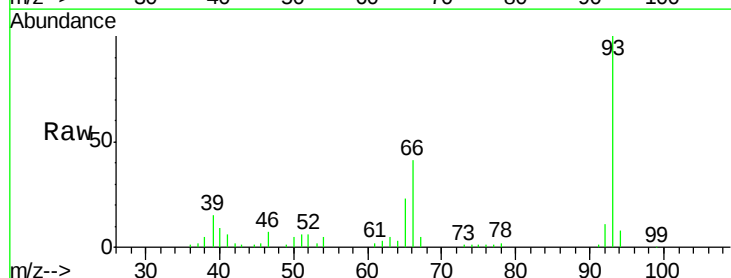
Tgt Ion: 93 Resp: 92567

Ion Ratio Lower Upper

93 100

66 41.3 31.8 47.8

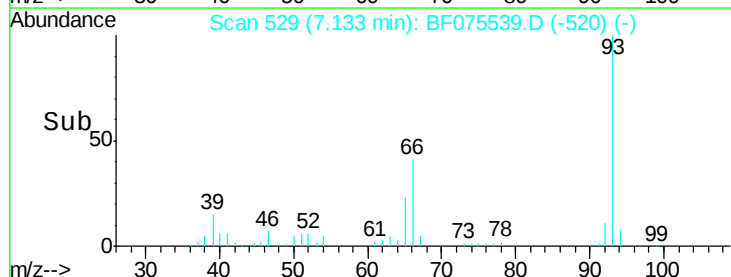
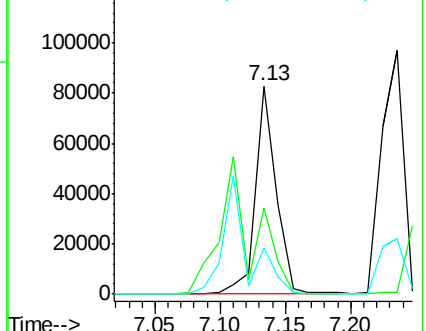
65 22.6 16.6 25.0

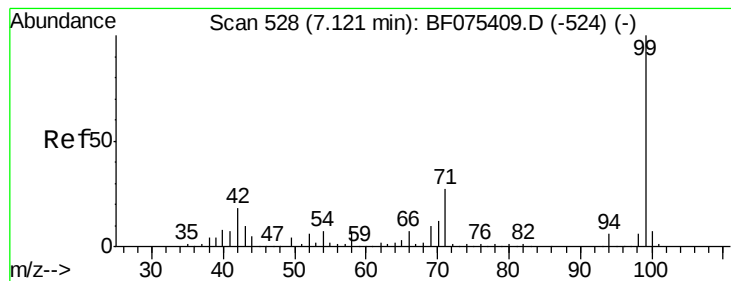


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.42 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

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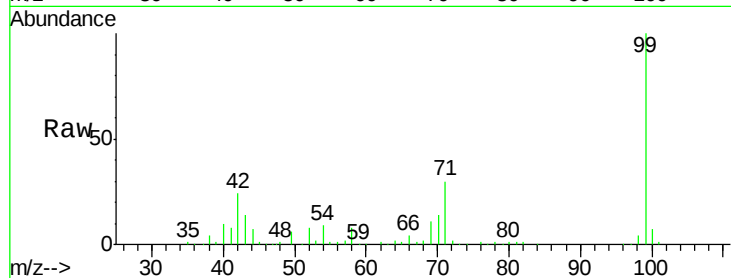
Tgt Ion: 99 Resp: 381894

Ion Ratio Lower Upper

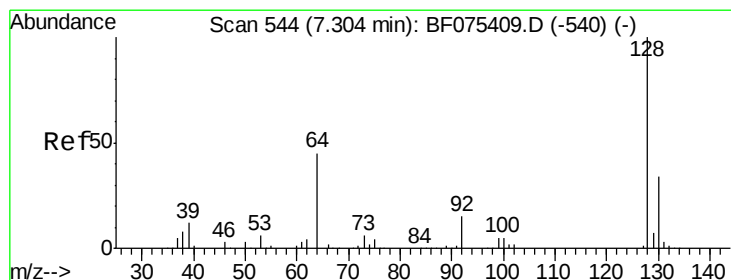
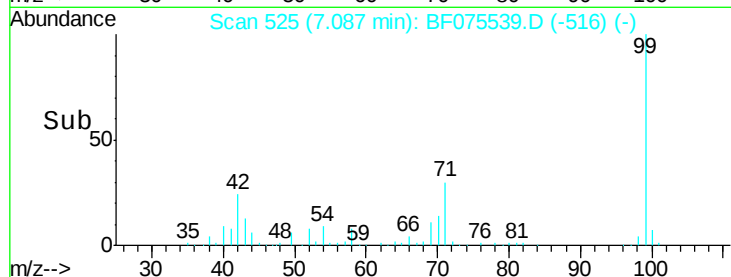
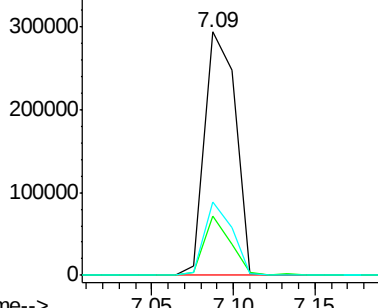
99 100

42 24.2 19.8 29.6

71 30.1 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: 31.18 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

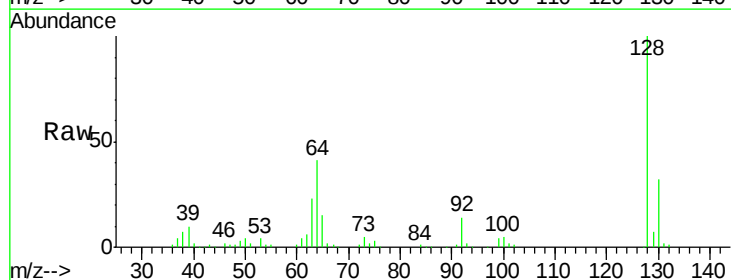
Tgt Ion: 128 Resp: 109759

Ion Ratio Lower Upper

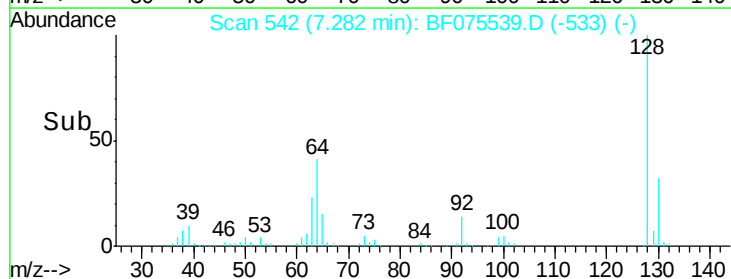
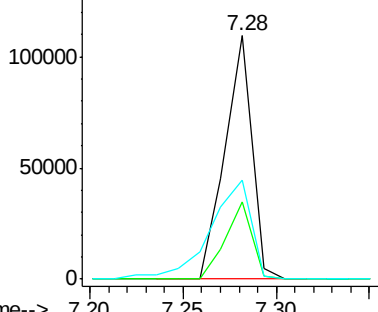
128 100

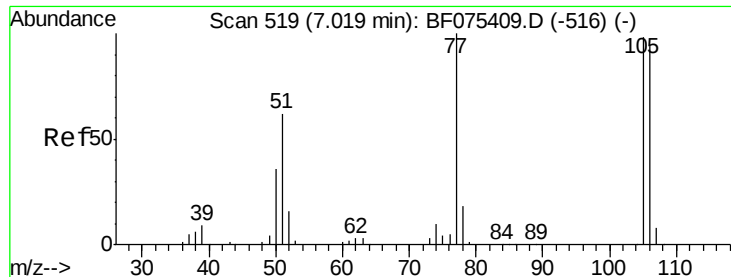
130 31.8 12.7 52.7

64 40.8 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: 2.35 ng

RT: 7.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

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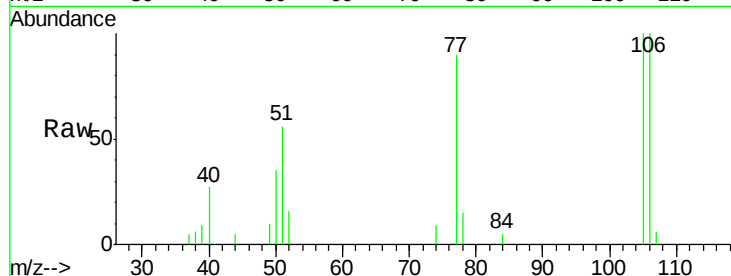
Tgt Ion: 77 Resp: 5775

Ion Ratio Lower Upper

77 100

105 111.0 81.6 121.6

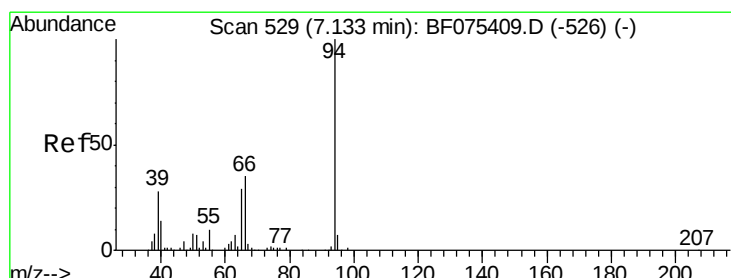
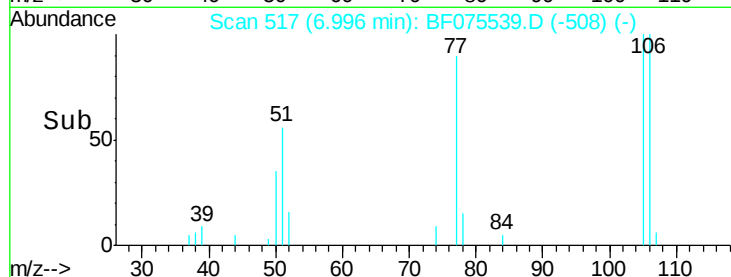
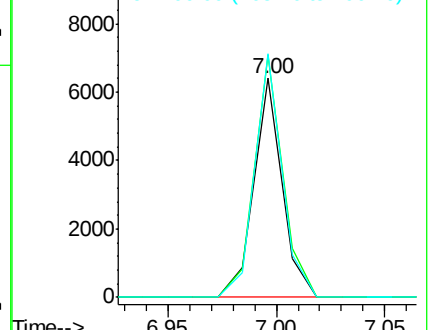
106 111.2 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.91 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

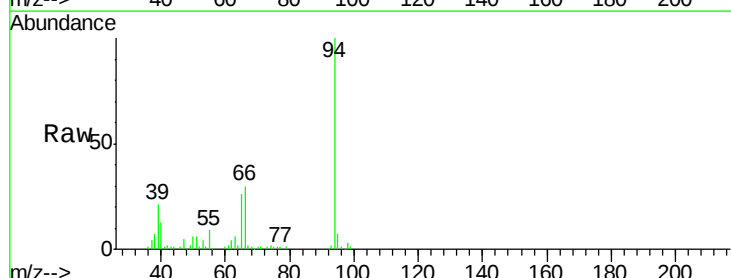
Tgt Ion: 94 Resp: 155759

Ion Ratio Lower Upper

94 100

65 25.9 13.1 53.1

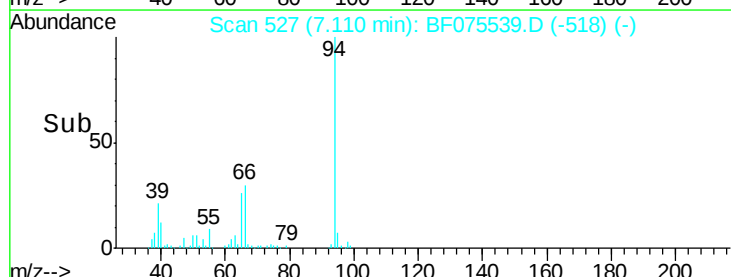
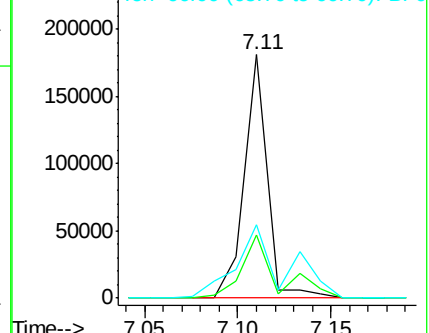
66 30.2 20.8 60.8

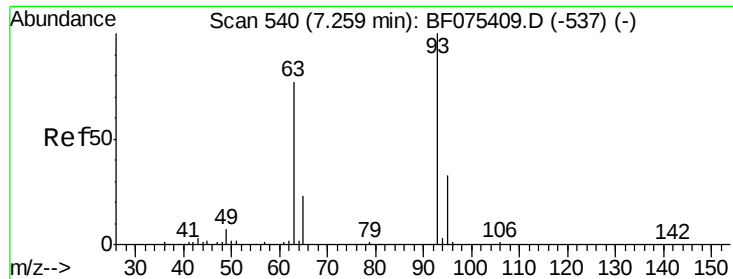


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.76 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

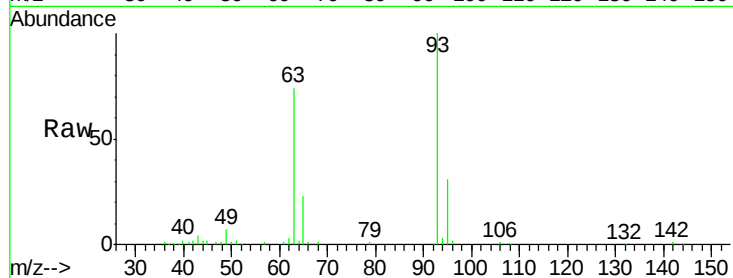
Tgt Ion: 93 Resp: 114087

Ion Ratio Lower Upper

93 100

63 74.0 79.8 119.8#

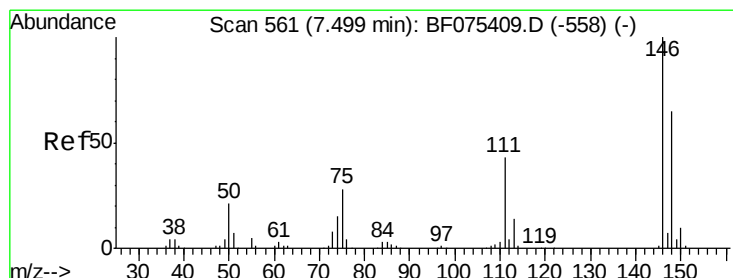
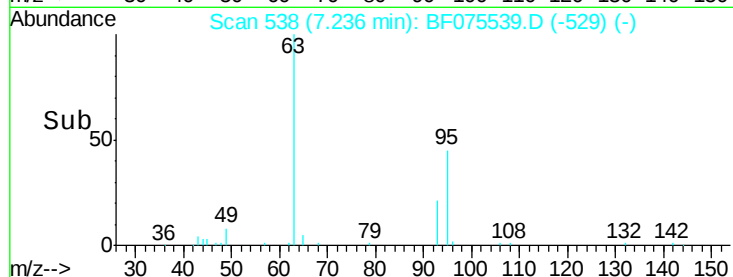
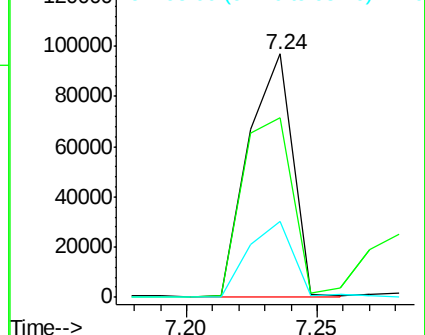
95 31.4 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 30.96 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

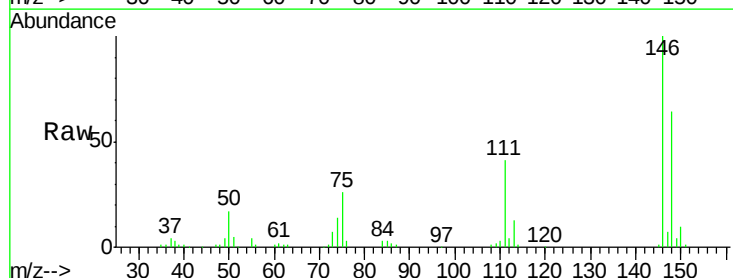
Tgt Ion: 146 Resp: 118777

Ion Ratio Lower Upper

146 100

148 64.4 53.1 79.7

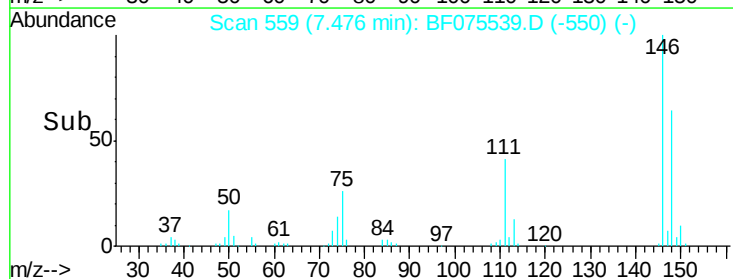
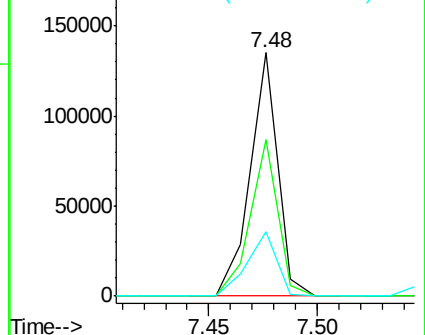
75 26.3 21.5 32.3

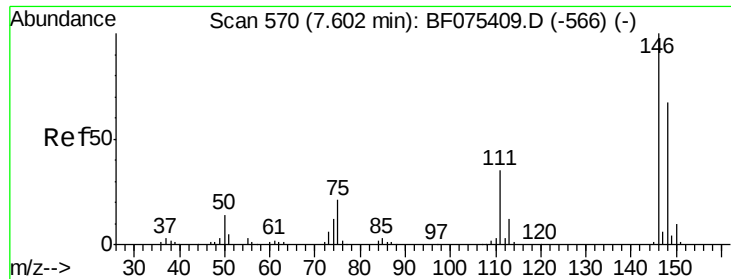


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

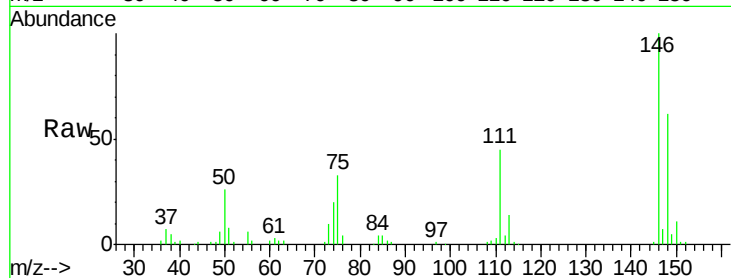




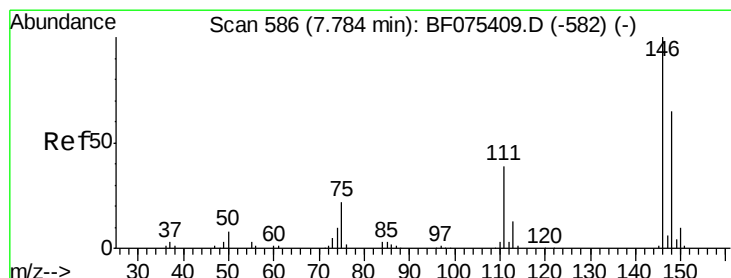
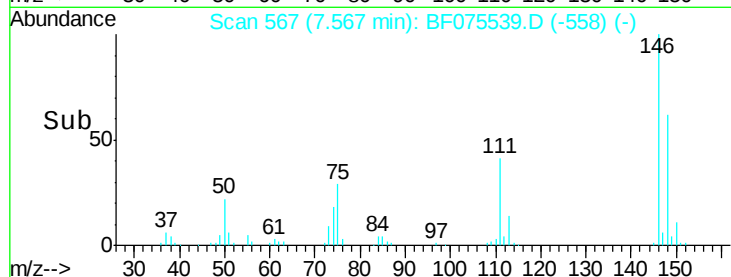
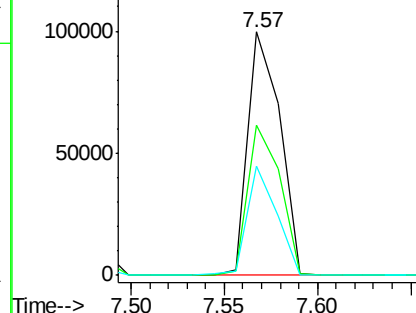
#13
 1,4-Dichlorobenzene
 Concen: 30.45 ng
 RT: 7.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Tgt Ion:146 Resp: 118813
 Ion Ratio Lower Upper
 146 100
 148 61.9 49.9 74.9
 111 44.9 35.8 53.6

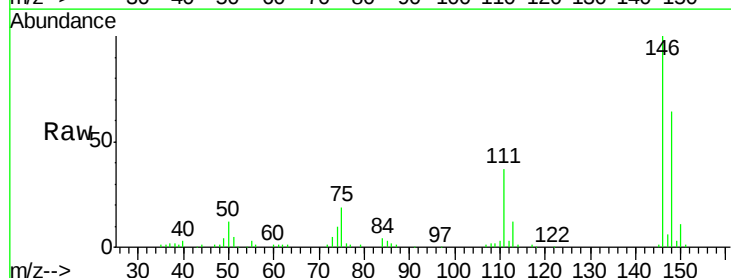


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

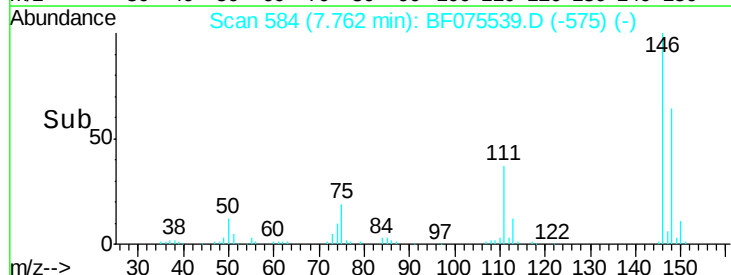
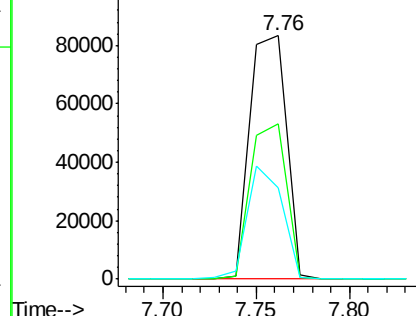


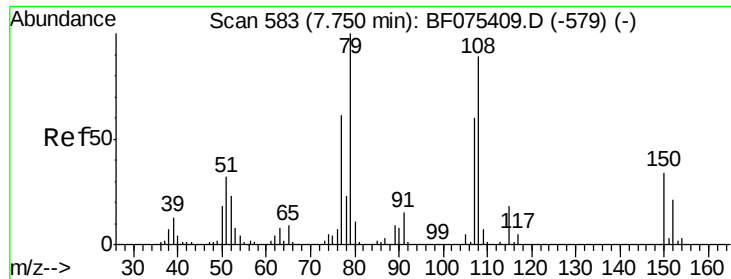
#14
 1,2-Dichlorobenzene
 Concen: 31.17 ng
 RT: 7.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:146 Resp: 114056
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.7 76.1
 111 37.3 39.9 59.9#



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





#15

Benzyl Alcohol

Concen: 30.03 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

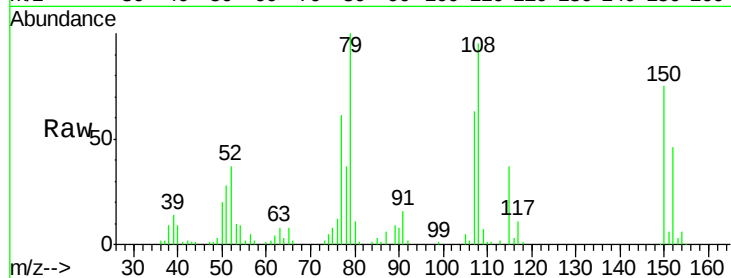
Tgt Ion: 79 Resp: 86208

Ion Ratio Lower Upper

79 100

108 95.0 75.5 113.3

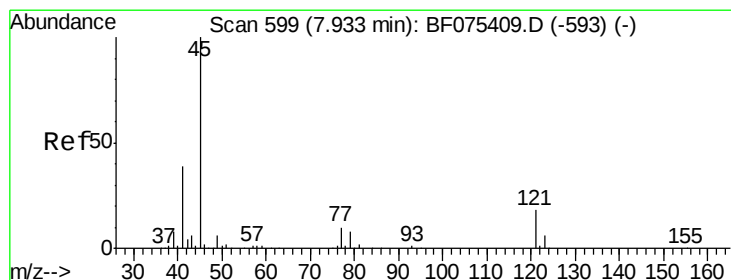
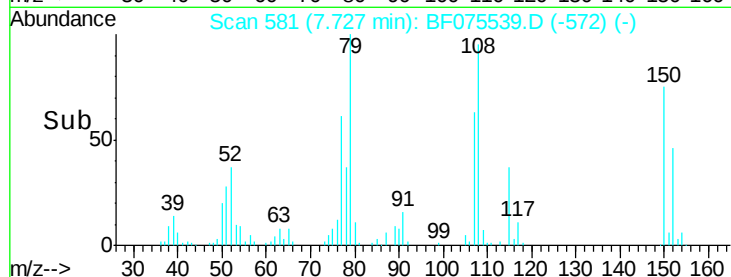
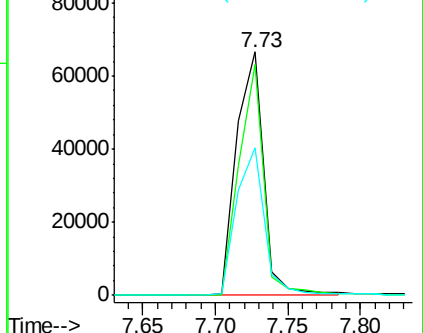
77 60.6 52.1 78.1



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: 32.38 ng

RT: 7.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

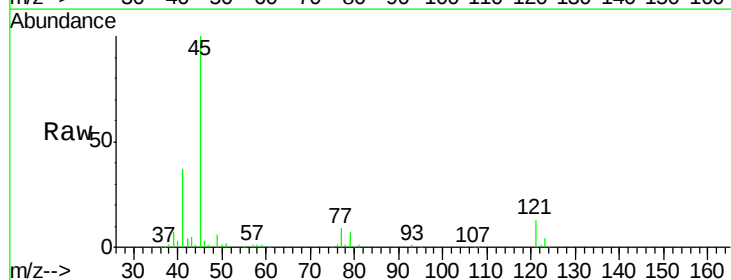
Tgt Ion: 45 Resp: 226489

Ion Ratio Lower Upper

45 100

77 9.2 0.0 28.6

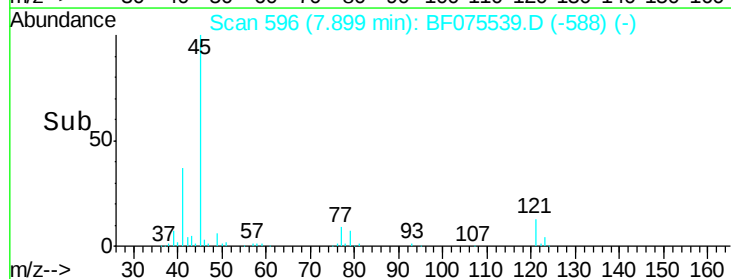
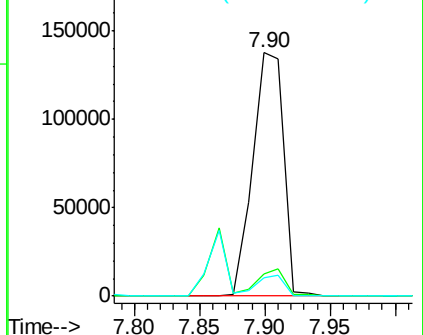
79 7.4 0.0 26.5

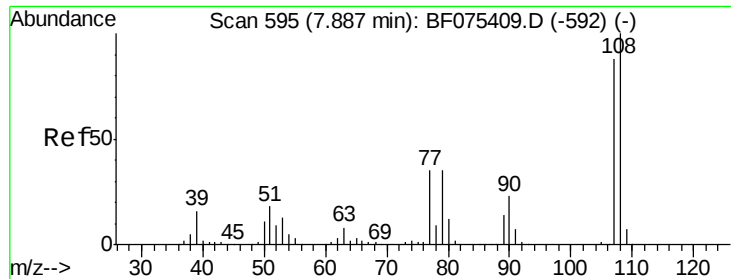


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

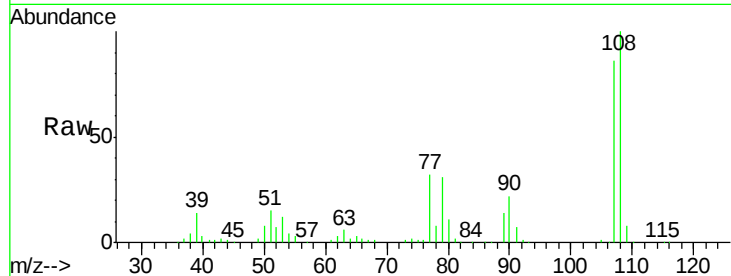




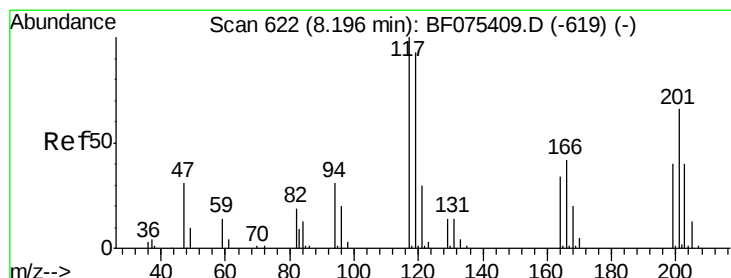
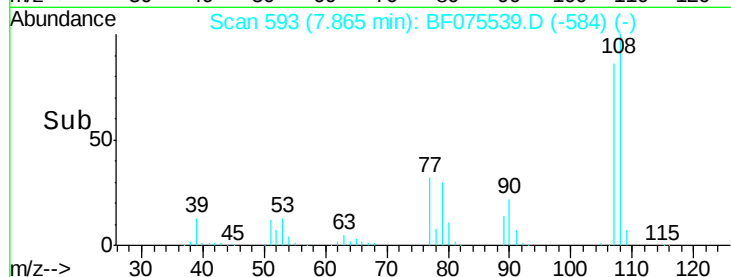
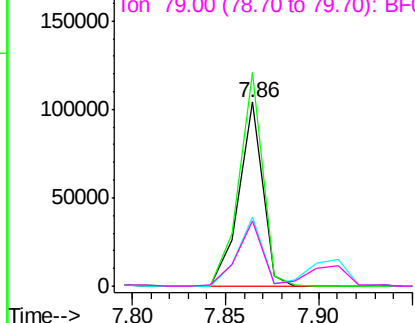
#17
2-Methylphenol
Concen: 31.98 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

Tgt Ion:	107	Resp:	93209
Ion	Ratio	Lower	Upper
107	100		
108	116.2	95.6	143.4
77	37.4	30.2	45.4
79	35.6	31.3	46.9

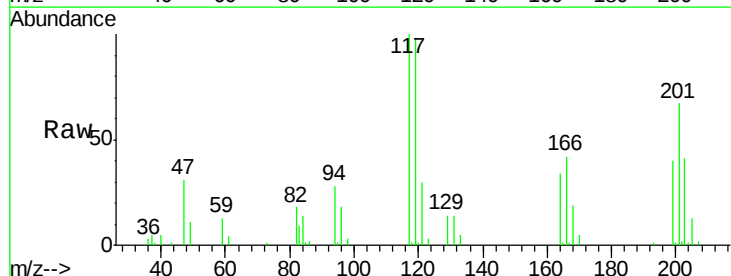


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

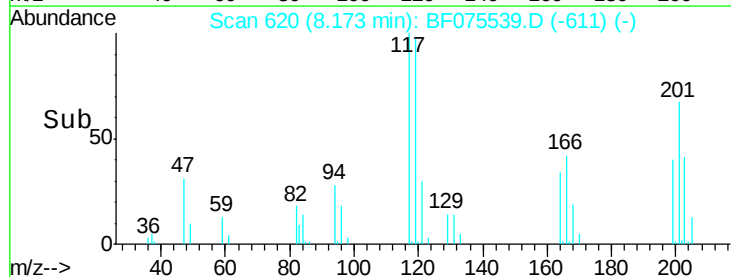
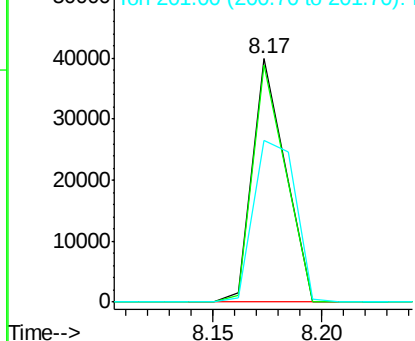


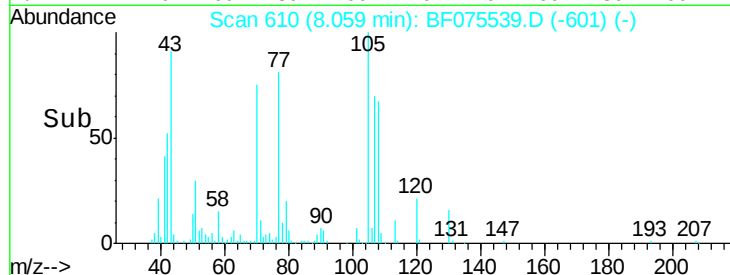
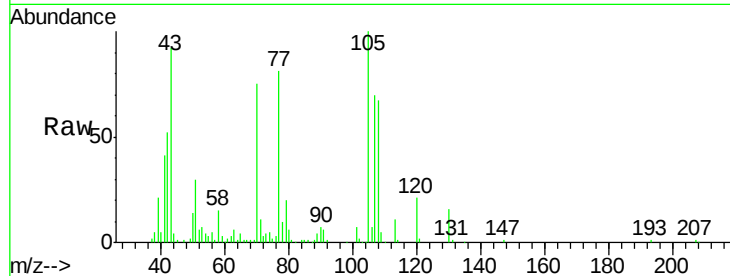
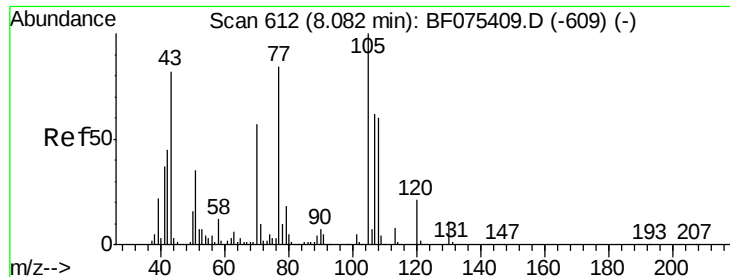
#18
Hexachloroethane
Concen: 31.37 ng
RT: 8.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:	117	Resp:	41977
Ion	Ratio	Lower	Upper
117	100		
119	97.6	72.9	109.3
201	66.6	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

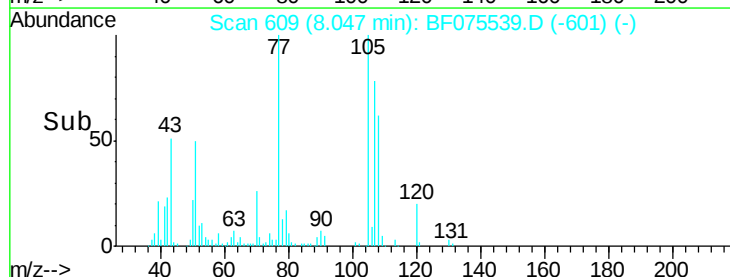
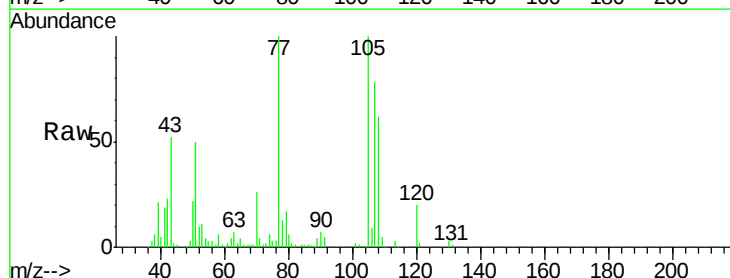
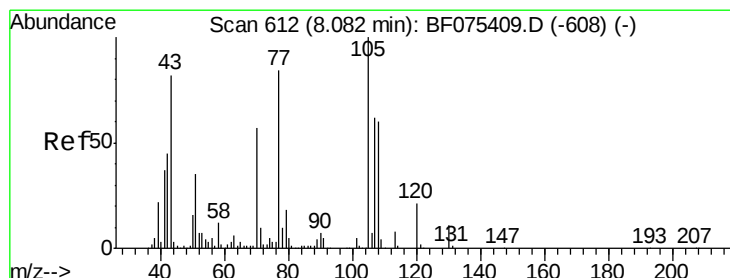
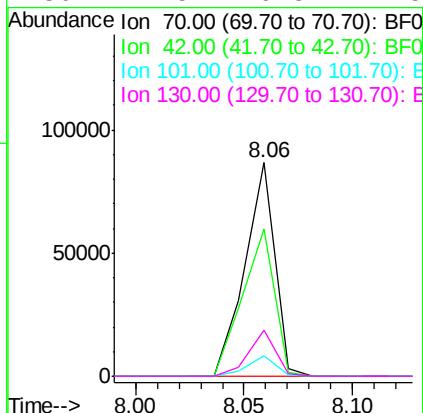




#19
n-Nitroso-di-n-propylamine
Concen: 33.12 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

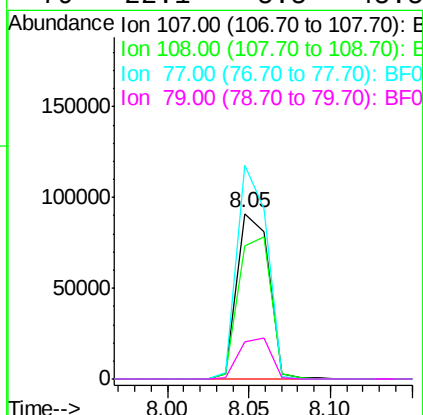
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

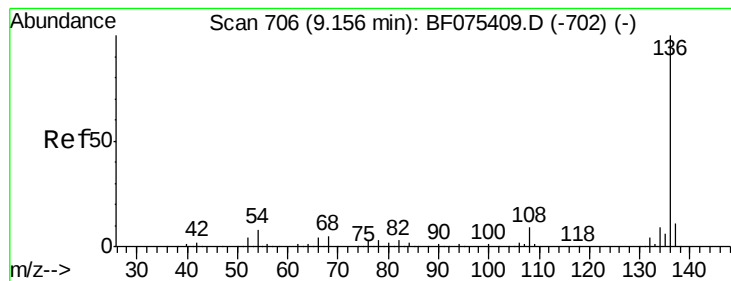
Tgt Ion:	70	Resp:	82550
Ion	Ratio	Lower	Upper
70	100		
42	68.9	63.0	94.6
101	9.7	7.5	11.3
130	21.5	16.3	24.5



#20
3+4-Methylphenols
Concen: 32.26 ng
RT: 8.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:	107	Resp:	123098
Ion	Ratio	Lower	Upper
107	100		
108	80.4	69.6	109.6
77	129.0	84.4	124.4#
79	22.1	5.5	45.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

Tgt Ion:136 Resp: 232066

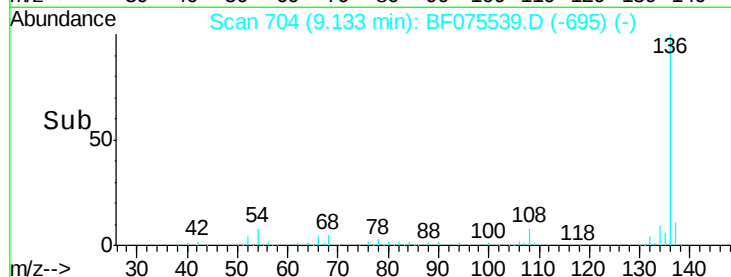
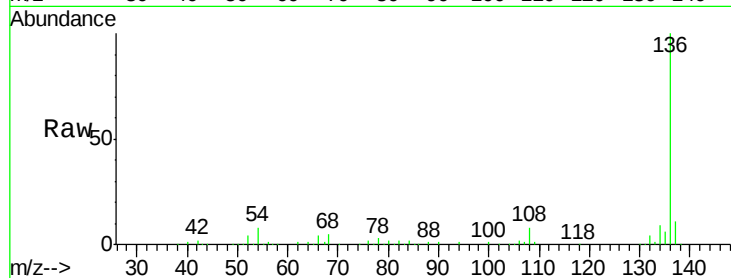
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 7.6 6.2 9.4

68 4.7 3.4 5.2

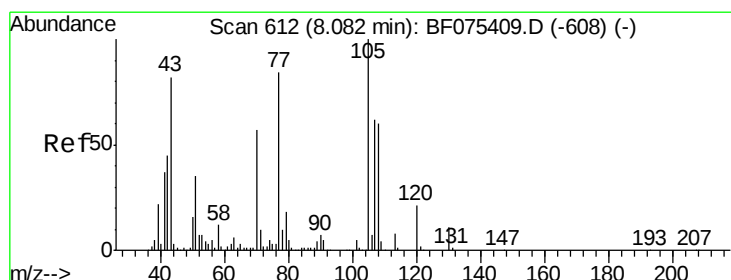
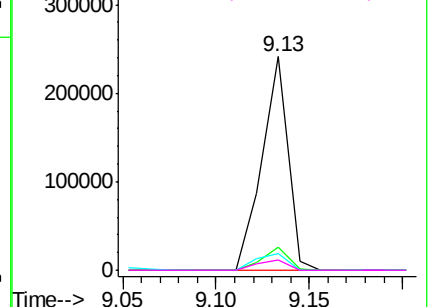


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.44 ng

RT: 8.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Tgt Ion:105 Resp: 162424

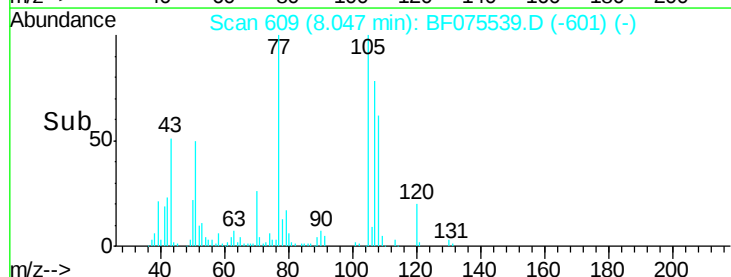
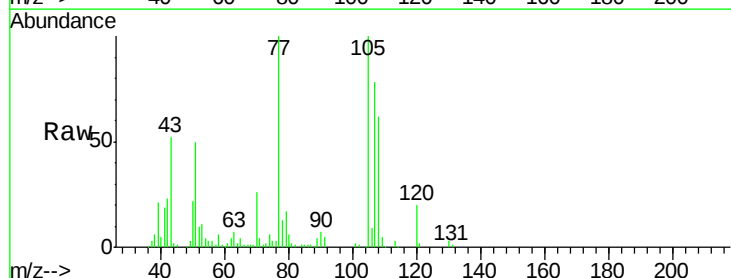
Ion Ratio Lower Upper

105 100

71 4.3 10.5 15.7#

51 49.7 24.2 36.2#

120 19.9 17.5 26.3

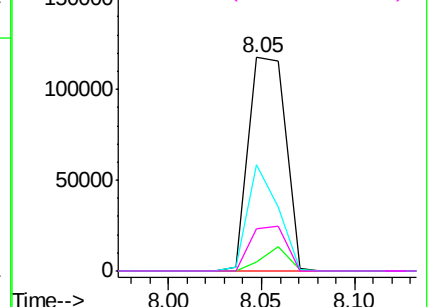


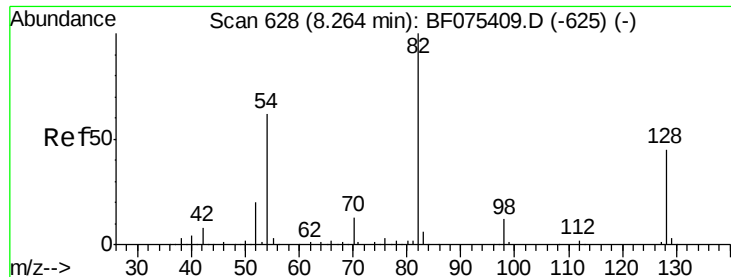
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

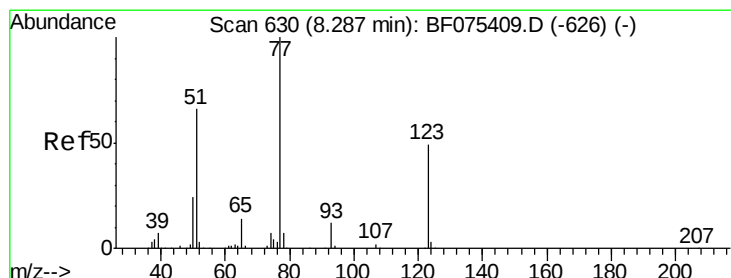
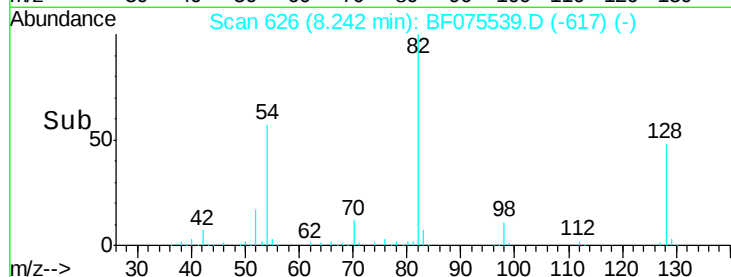
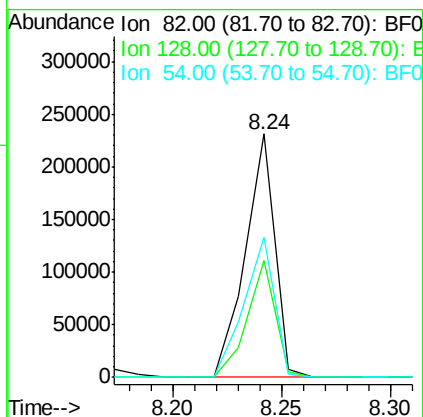
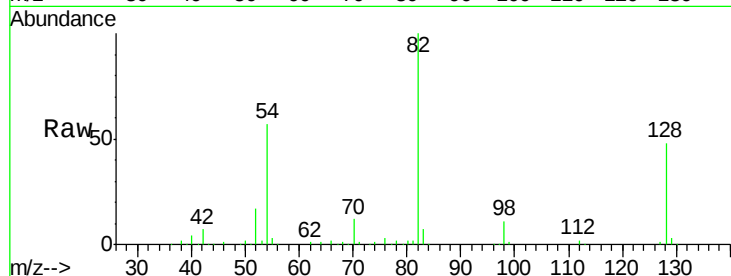




#23
 Nitrobenzene-d5
 Concen: 68.61 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

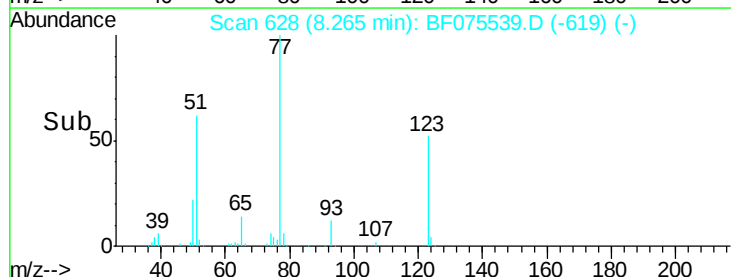
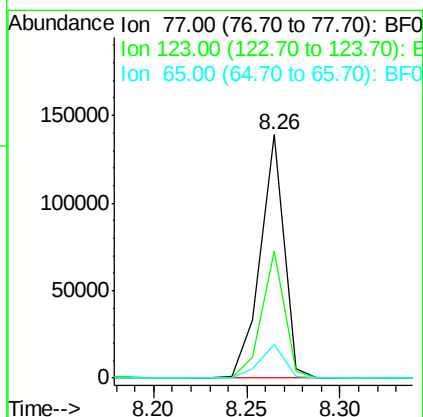
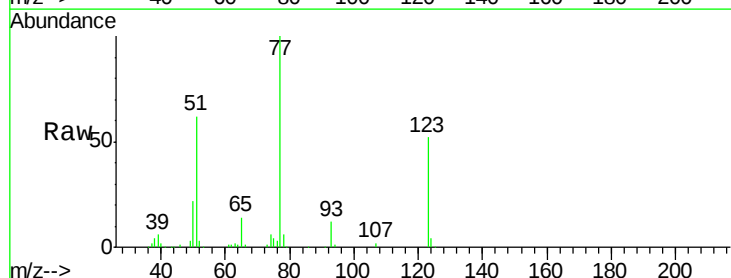
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

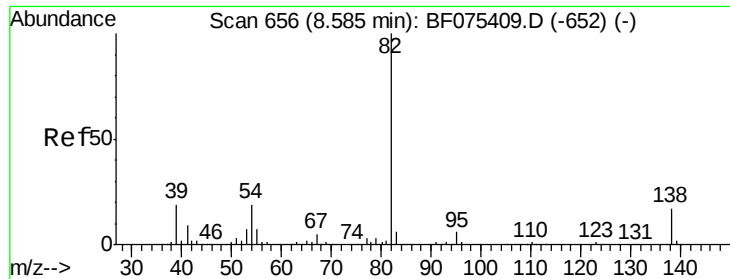
Tgt Ion: 82 Resp: 217166
 Ion Ratio Lower Upper
 82 100
 128 47.9 37.8 56.6
 54 57.2 49.8 74.8



#24
 Nitrobenzene
 Concen: 33.36 ng
 RT: 8.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion: 77 Resp: 122363
 Ion Ratio Lower Upper
 77 100
 123 52.3 39.0 58.4
 65 13.9 10.6 15.8





#25

Isophorone

Concen: 30.45 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

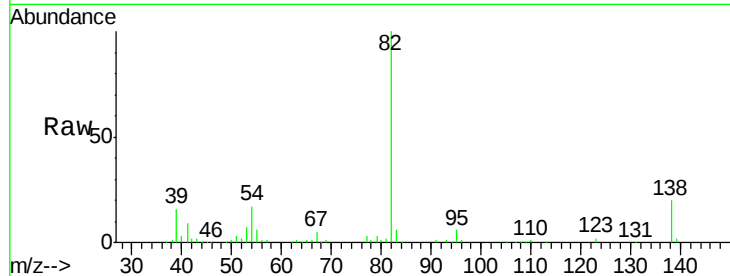
Tgt Ion: 82 Resp: 220062

Ion Ratio Lower Upper

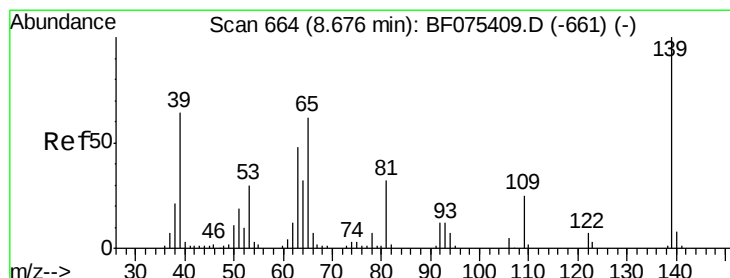
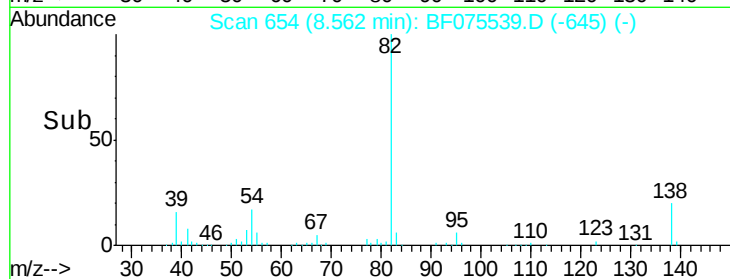
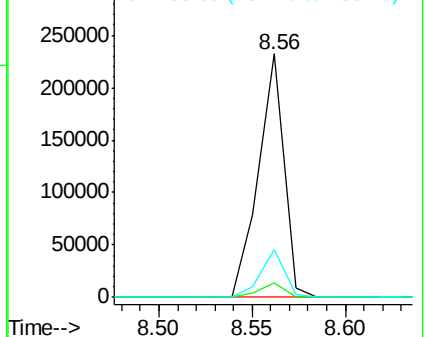
82 100

95 5.9 5.2 7.8

138 19.5 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 31.22 ng

RT: 8.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

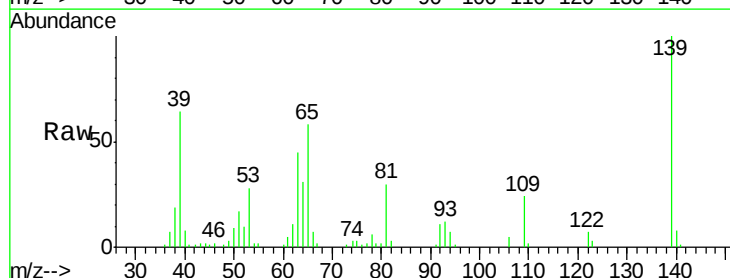
Tgt Ion: 139 Resp: 52181

Ion Ratio Lower Upper

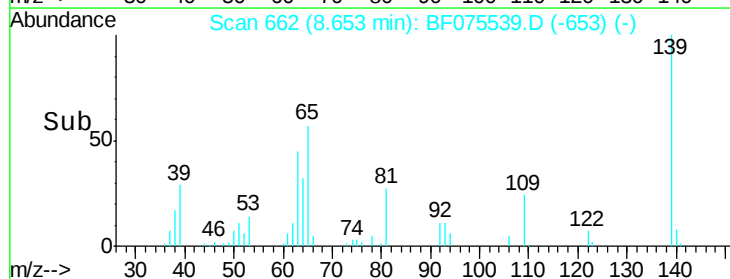
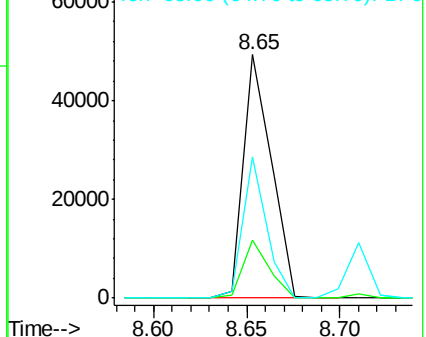
139 100

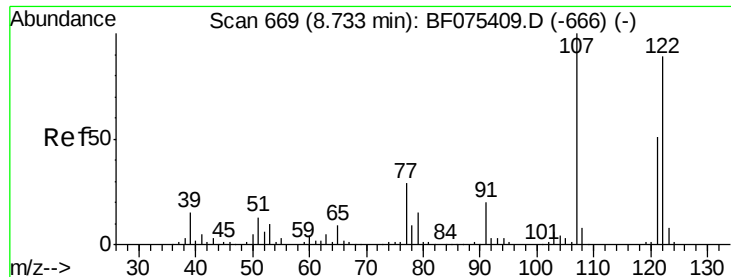
109 23.8 22.3 33.5

65 57.8 49.1 73.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

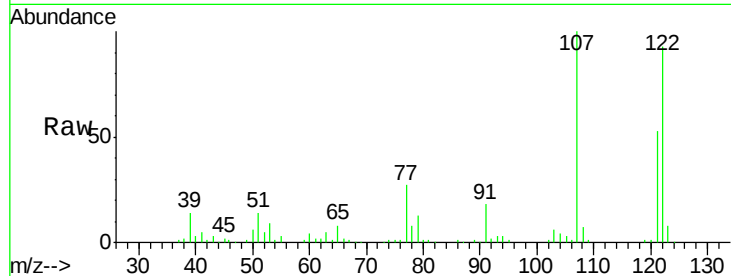




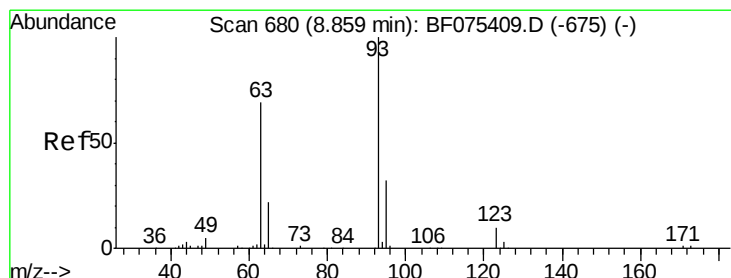
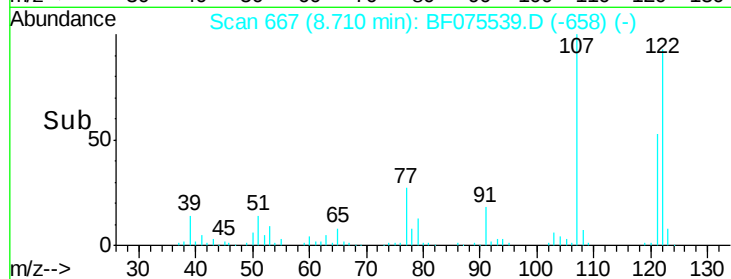
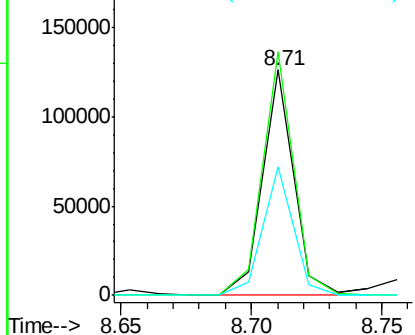
#27
 2,4-Dimethylphenol
 Concen: 32.19 ng
 RT: 8.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Tgt Ion: 122 Resp: 104292
 Ion Ratio Lower Upper
 122 100
 107 108.0 86.5 129.7
 121 56.9 45.4 68.2

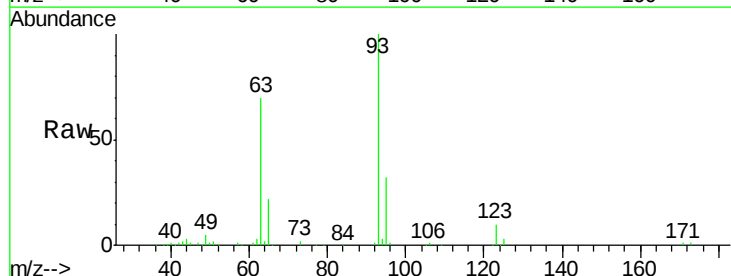


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

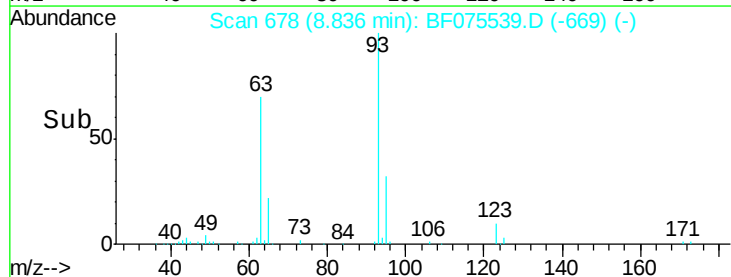
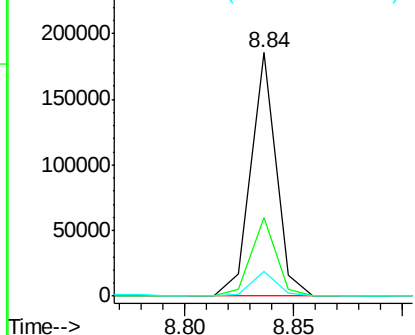


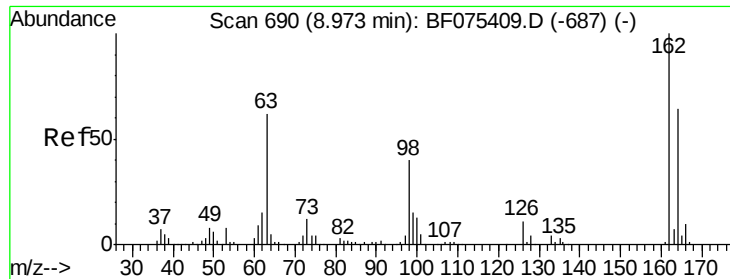
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.00 ng
 RT: 8.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion: 93 Resp: 149756
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.4
 123 10.3 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

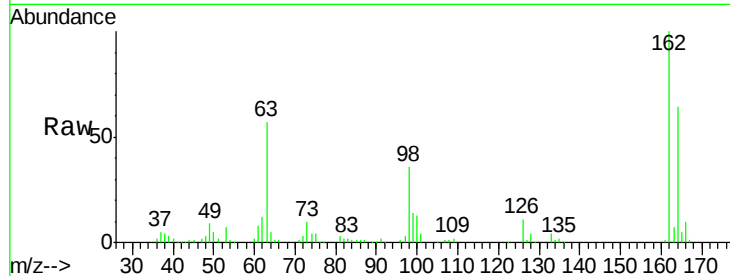




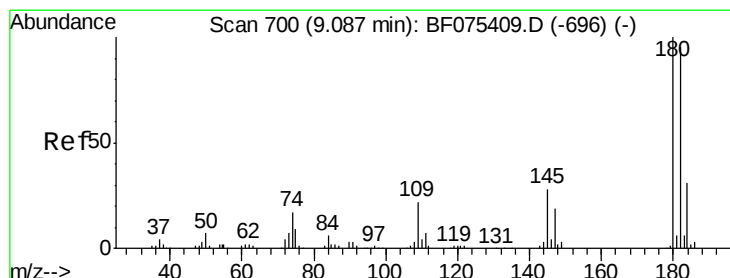
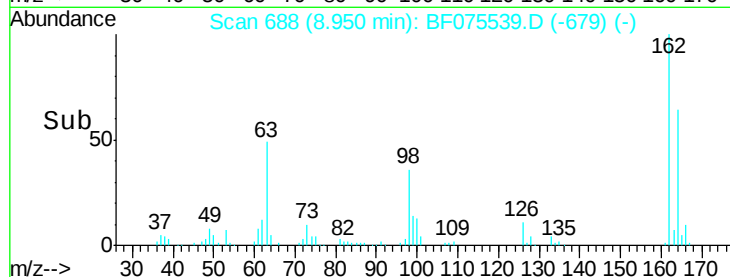
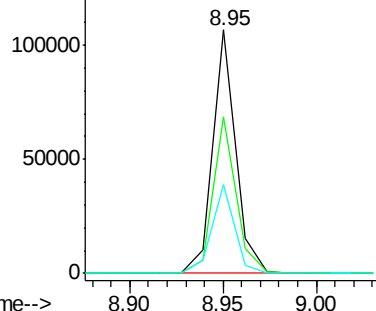
#29
2,4-Dichlorophenol
Concen: 32.03 ng
RT: 8.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.8	83.8
98	36.3	14.6	54.6

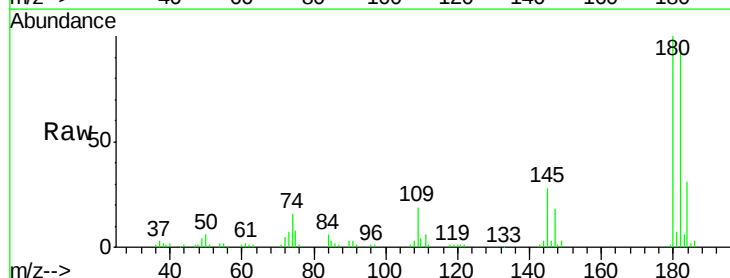


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

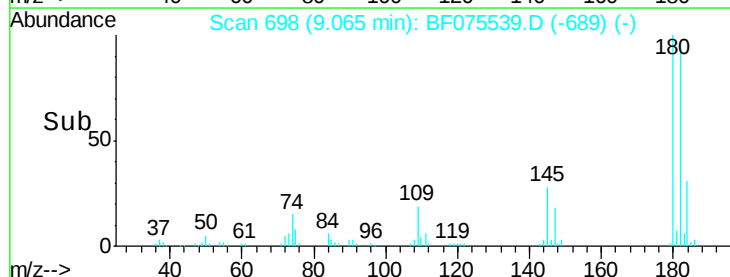
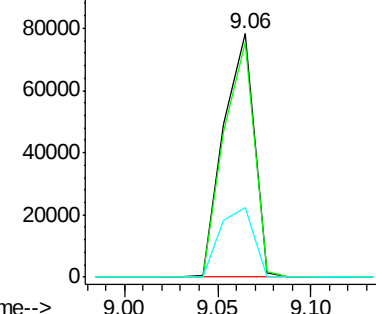


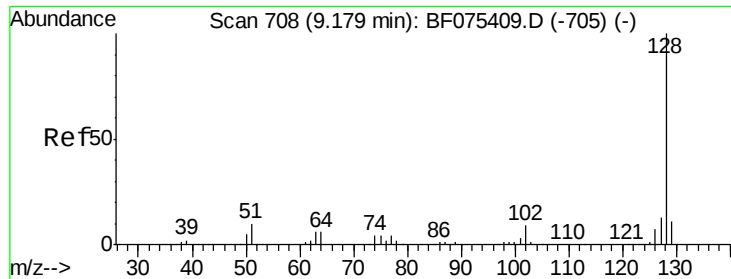
#30
1,2,4-Trichlorobenzene
Concen: 29.69 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.4	117.6
145	28.4	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

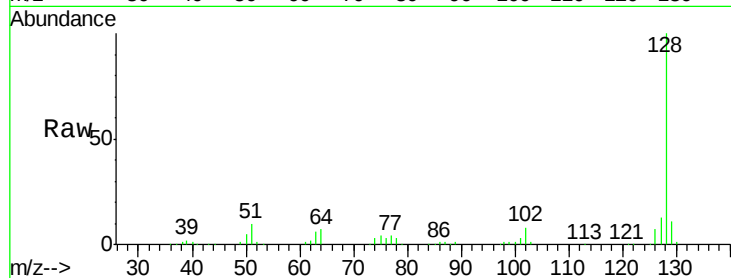




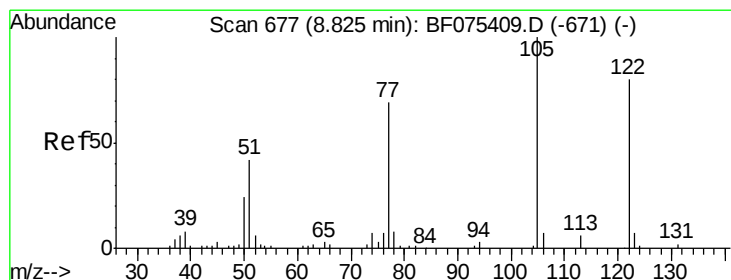
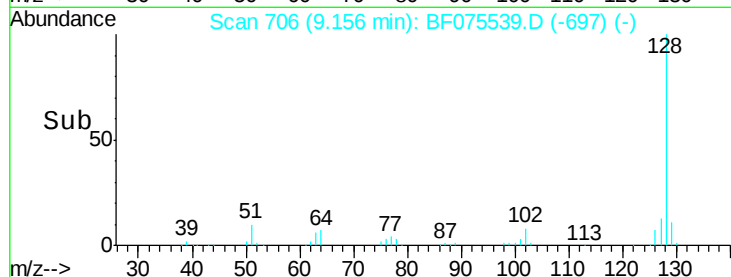
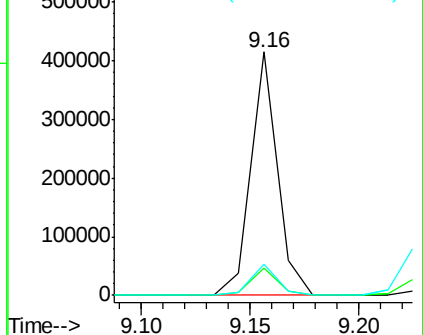
#31
Naphthalene
Concen: 34.08 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

Tgt Ion:128 Resp: 352617
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 12.7 10.2 15.4

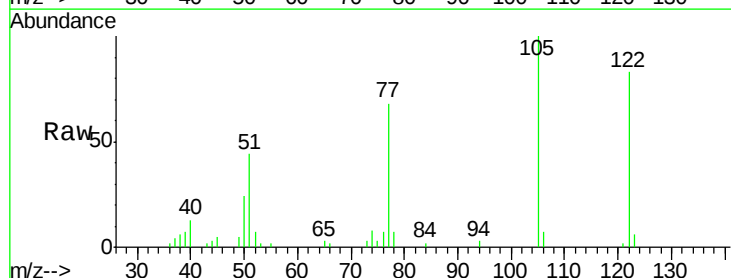


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

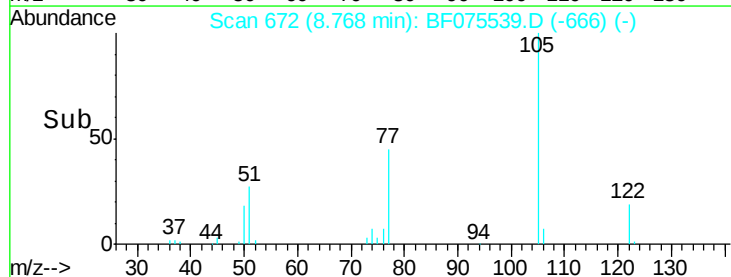
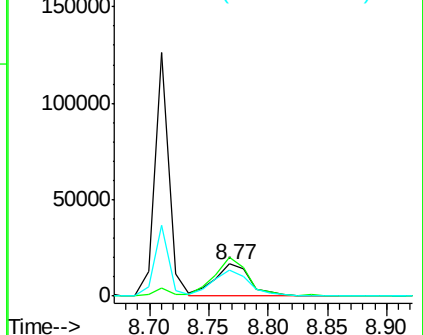


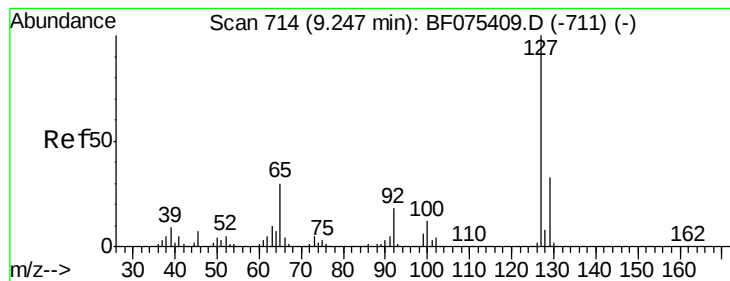
#32
Benzoic acid
Concen: 16.64 ng
RT: 8.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:122 Resp: 32570
Ion Ratio Lower Upper
122 100
105 120.5 95.1 135.1
77 82.4 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: 14.97 ng

RT: 9.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

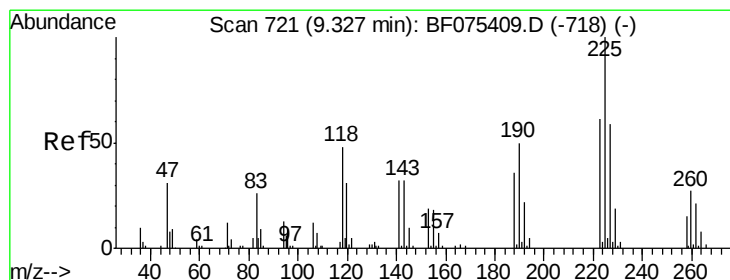
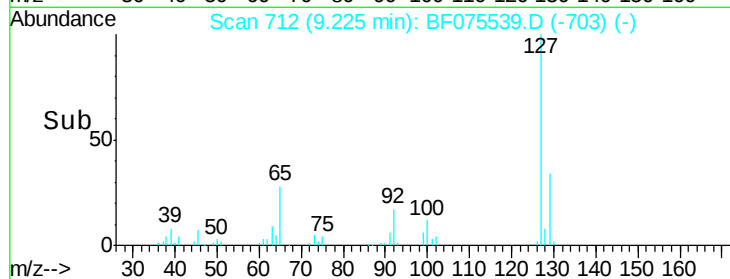
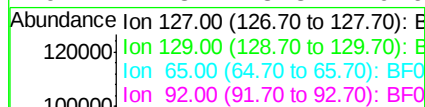
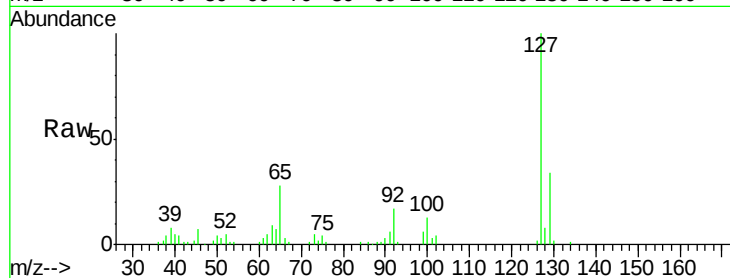
Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

Tgt Ion:	127	Resp:	67297
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.5	38.3
65	28.2	22.8	34.2
92	17.3	13.8	20.6



#34

Hexachlorobutadiene

Concen: 28.57 ng

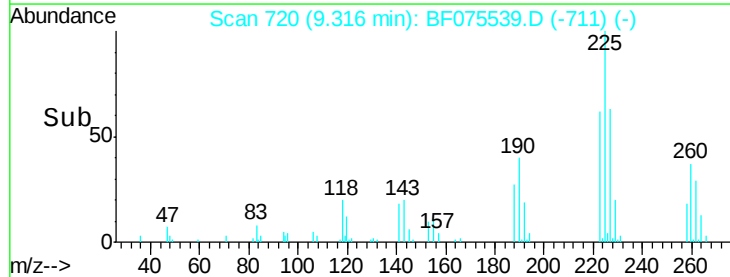
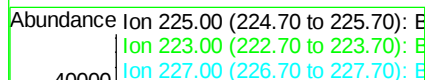
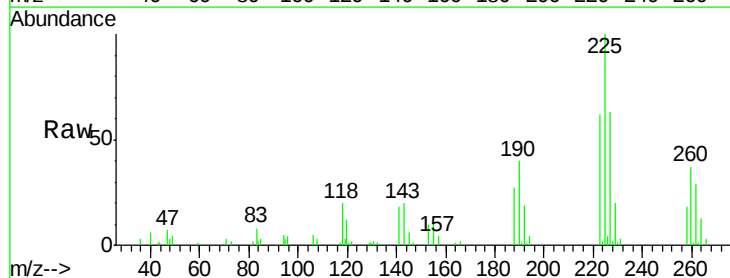
RT: 9.32 min Scan# 720

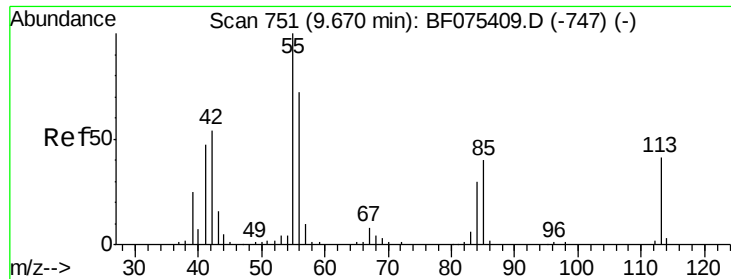
Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Tgt Ion:	225	Resp:	46005
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.2	48.6	73.0

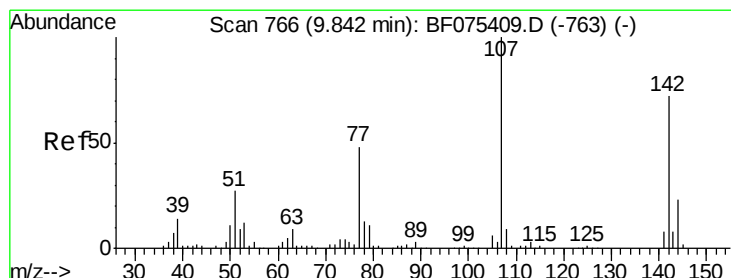
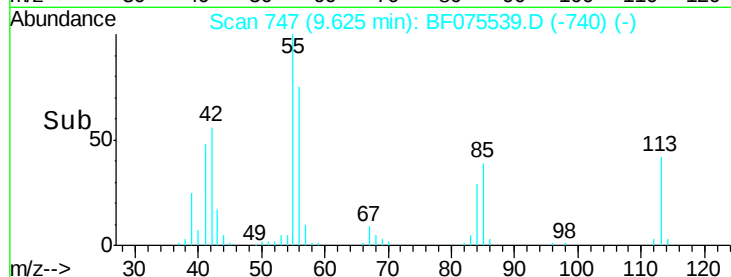
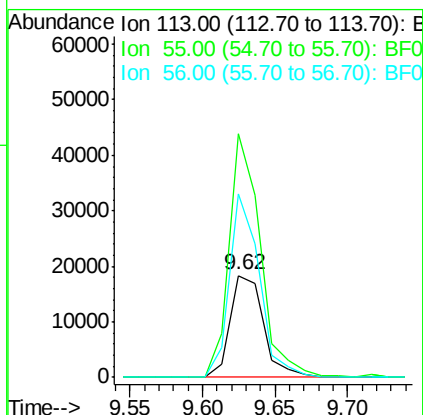
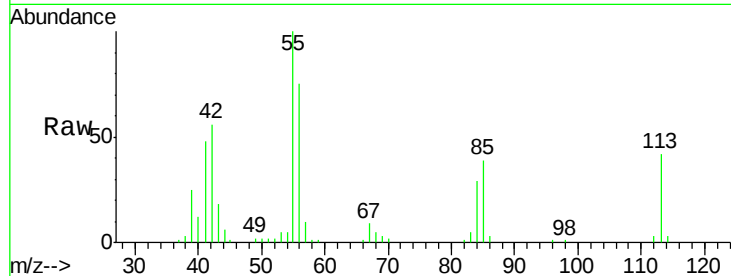




#35
 Caprolactam
 Concen: 31.04 ng
 RT: 9.62 min Scan# 747
 Delta R.T. -0.02 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

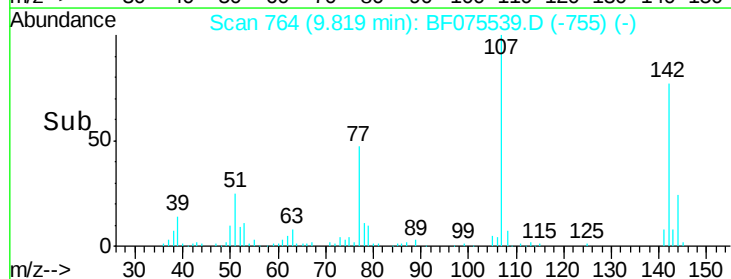
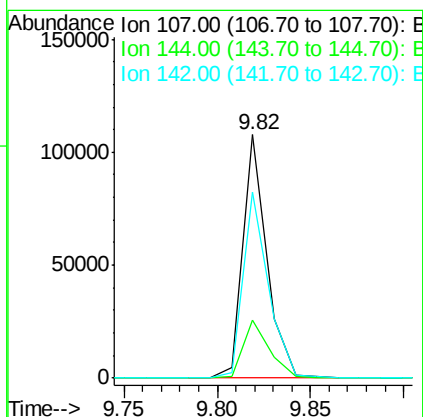
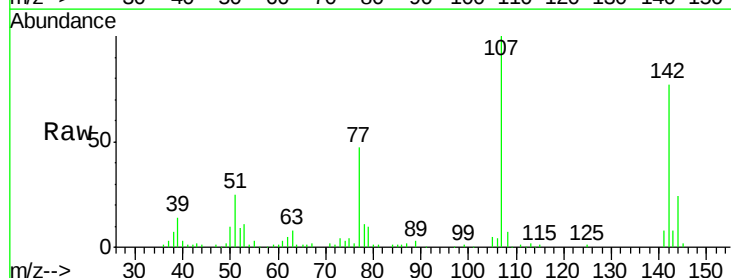
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

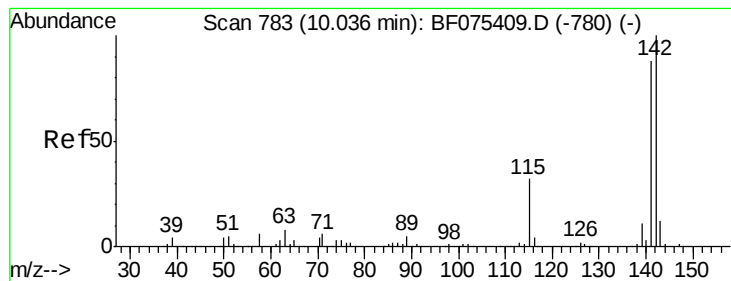
Tgt Ion:113 Resp: 29198
 Ion Ratio Lower Upper
 113 100
 55 239.0 226.9 266.9
 56 180.2 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 30.92 ng
 RT: 9.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:107 Resp: 96287
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.1 28.7
 142 76.6 62.9 94.3





#37

2-Methylnaphthalene

Concen: 31.09 ng

RT: 10.01 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

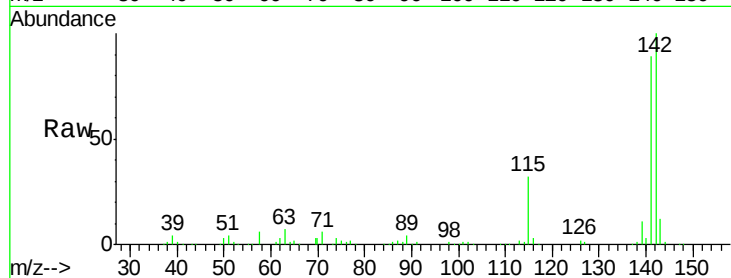
Tgt Ion:142 Resp: 219424

Ion Ratio Lower Upper

142 100

141 89.5 69.9 104.9

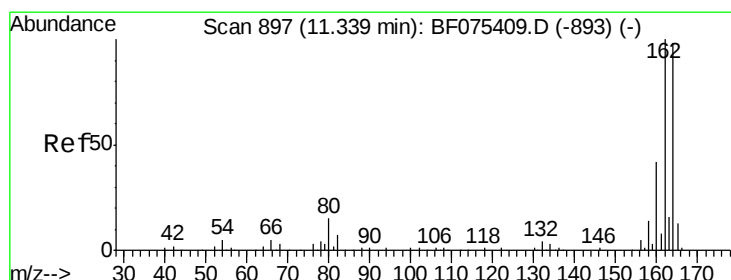
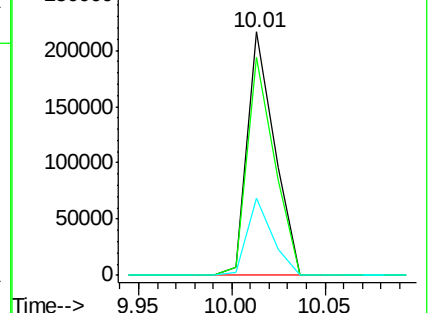
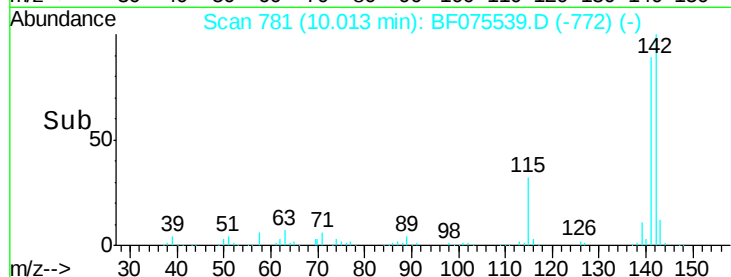
115 31.6 27.6 41.4



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: 11.30 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

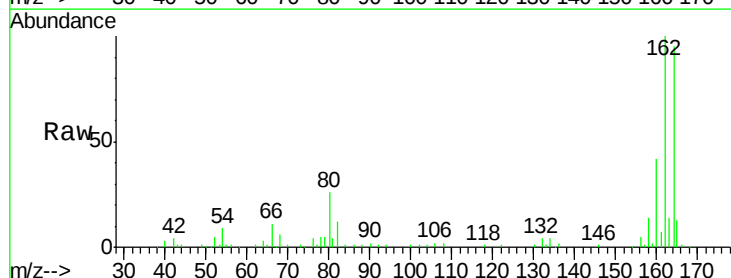
Tgt Ion:164 Resp: 122591

Ion Ratio Lower Upper

164 100

162 105.0 79.1 118.7

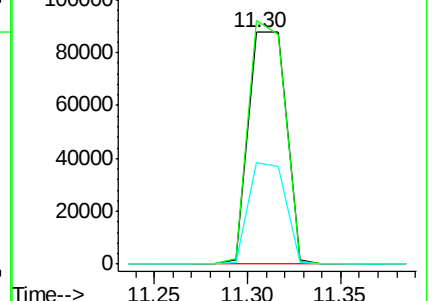
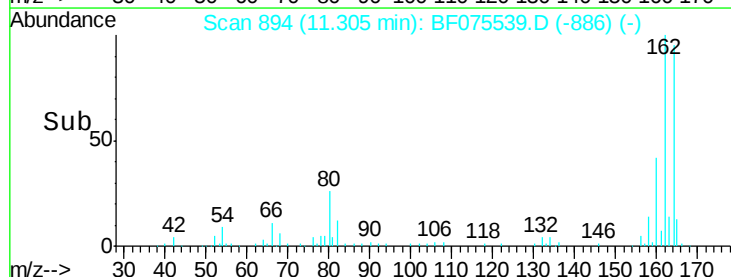
160 43.7 34.6 51.8

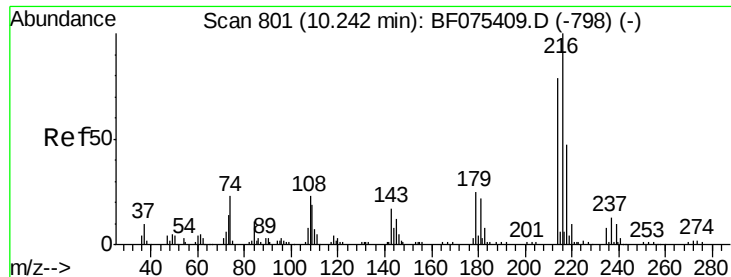


Abundance Ion 164.00 (163.70 to 164.70): E

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: 31.78 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

Tgt Ion:216 Resp: 80076

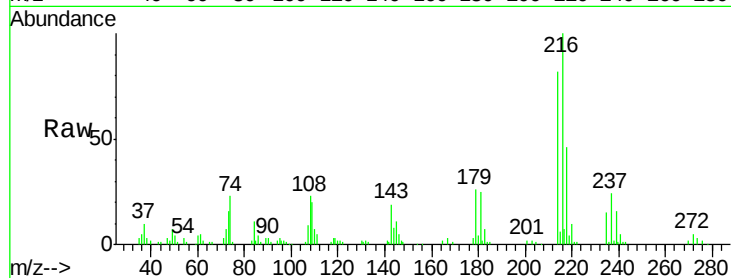
Ion Ratio Lower Upper

216 100

214 81.6 62.8 94.2

179 23.6 18.7 28.1

108 23.4 18.1 27.1

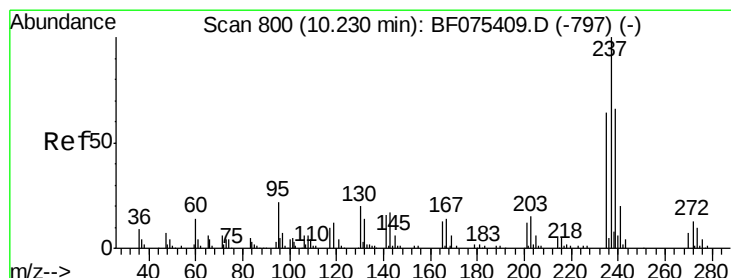
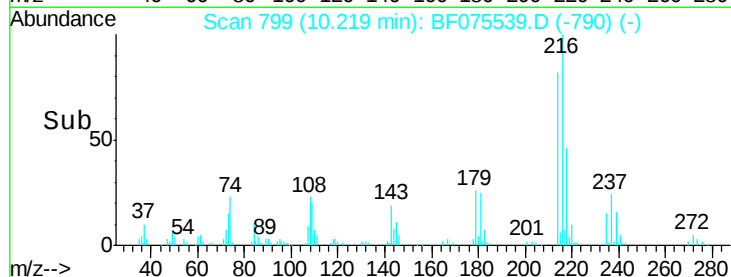
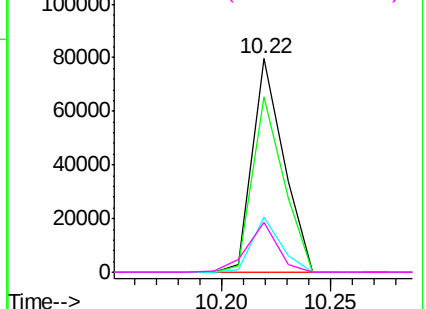


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.07 ng

RT: 10.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

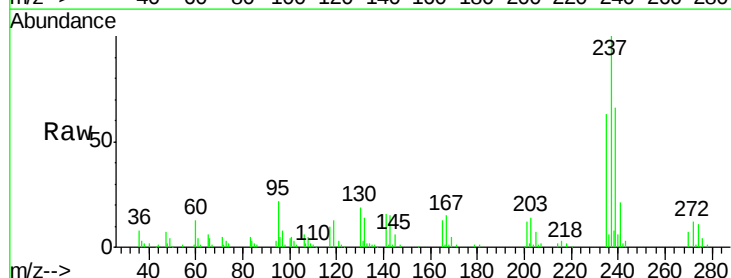
Tgt Ion:237 Resp: 84306

Ion Ratio Lower Upper

237 100

235 63.0 45.7 85.7

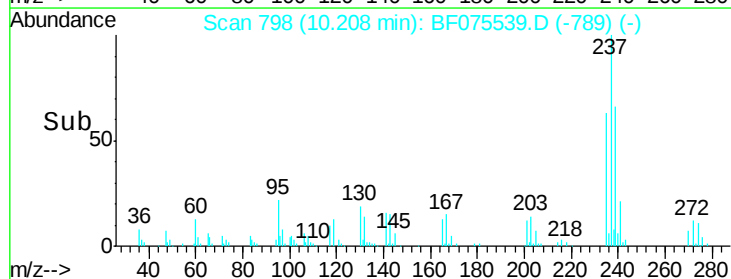
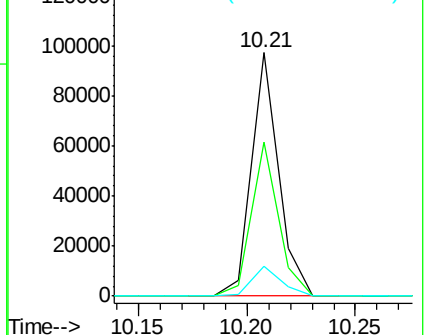
272 12.2 0.0 32.6

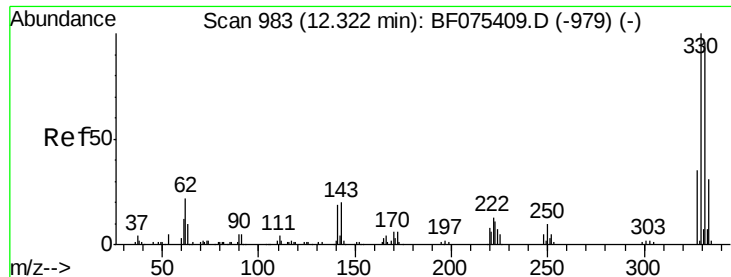


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

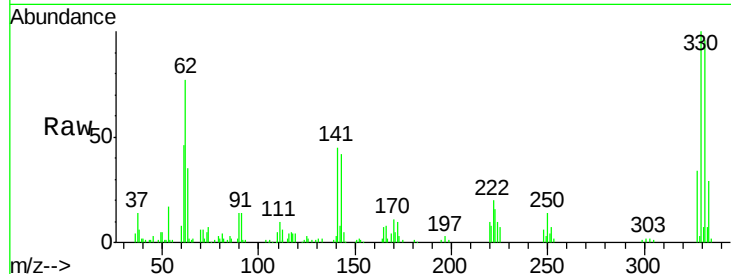




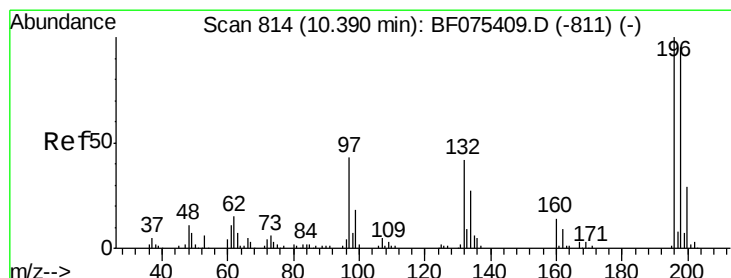
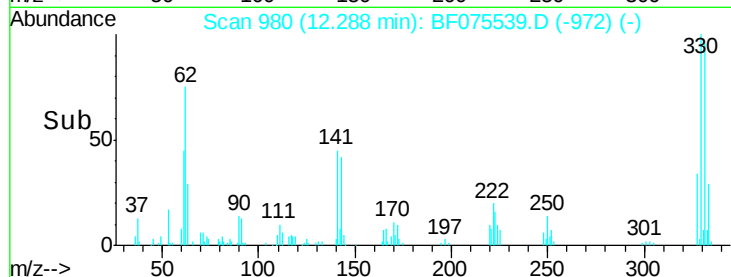
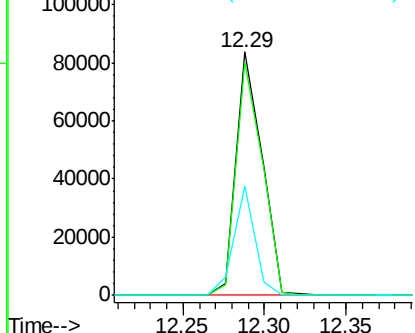
#41
 2,4,6-Tribromophenol
 Concen: 89.41 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Tgt Ion:330 Resp: 91807
 Ion Ratio Lower Upper
 330 100
 332 96.1 74.5 111.7
 141 36.4 30.7 46.1

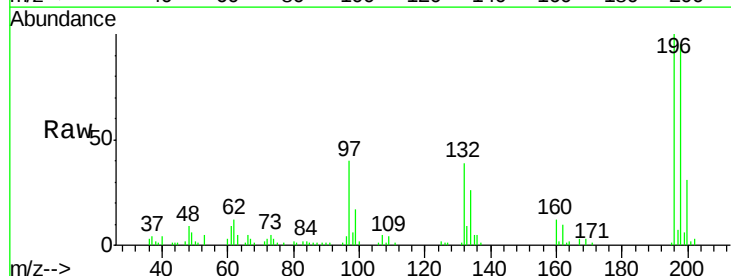


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

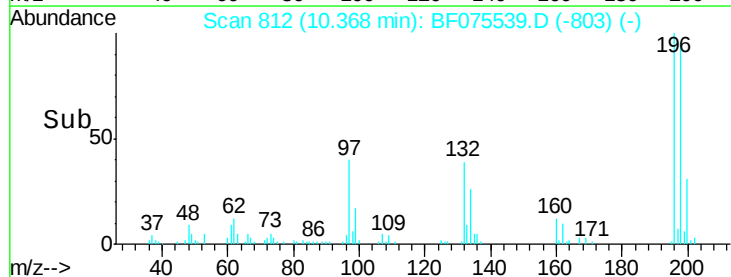
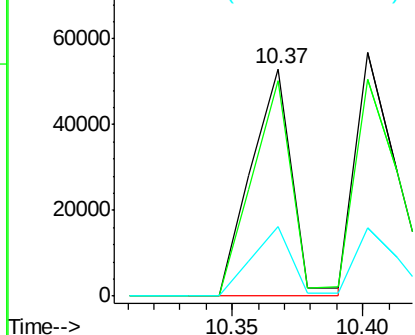


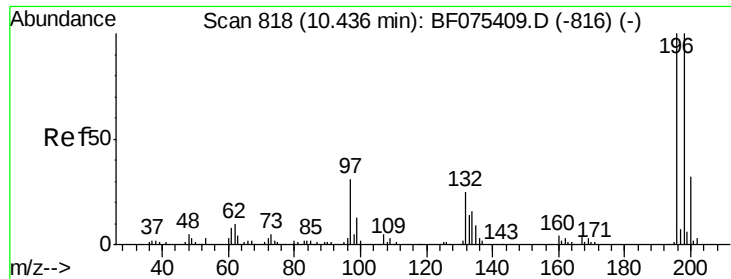
#42
 2,4,6-Trichlorophenol
 Concen: 29.06 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:196 Resp: 58238
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.6 23.4 35.0



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

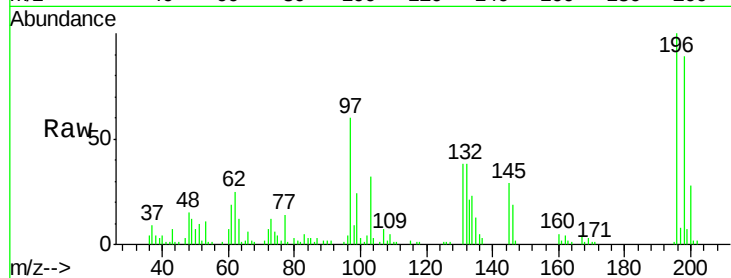




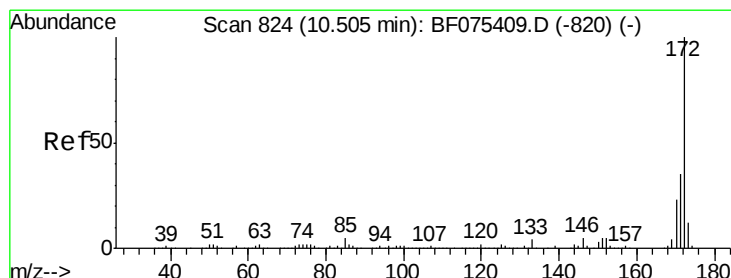
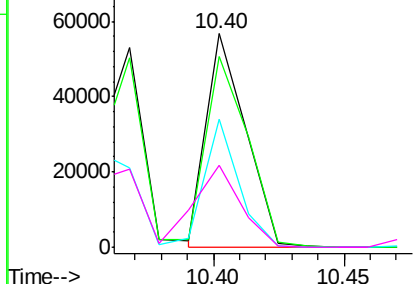
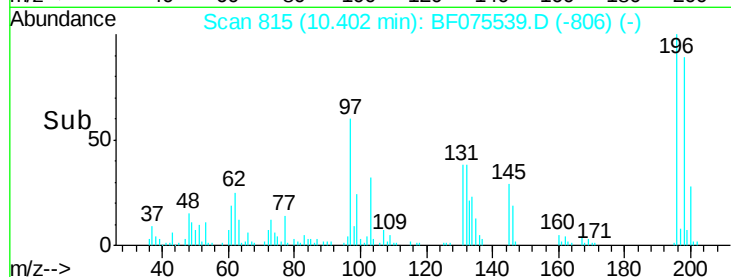
#43
 2,4,5-Trichlorophenol
 Concen: 28.64 ng
 RT: 10.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Tgt Ion:196 Resp: 59775
 Ion Ratio Lower Upper
 196 100
 198 89.2 78.2 117.4
 97 59.7 29.9 44.9#
 132 38.2 22.2 33.2#

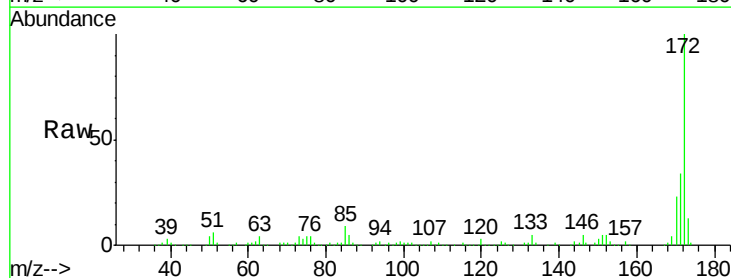


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

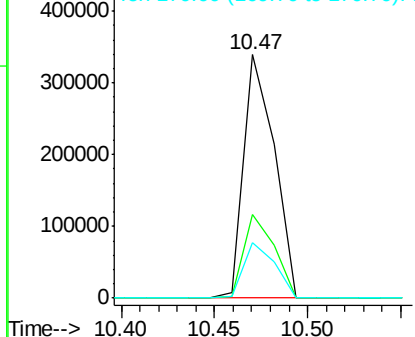
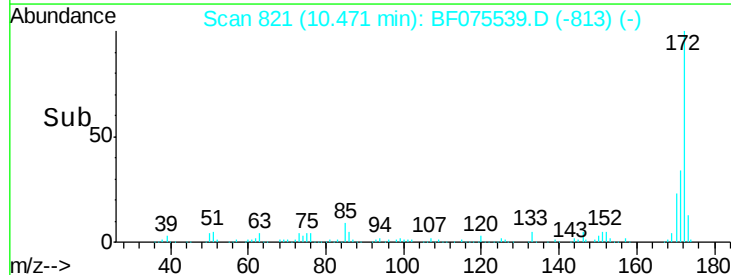


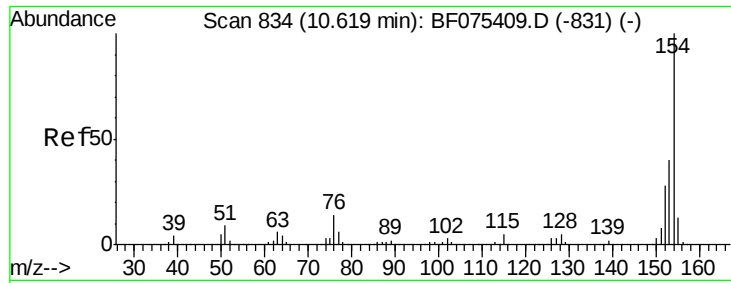
#44
 2-Fluorobiphenyl
 Concen: 56.98 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:172 Resp: 386539
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 22.6 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

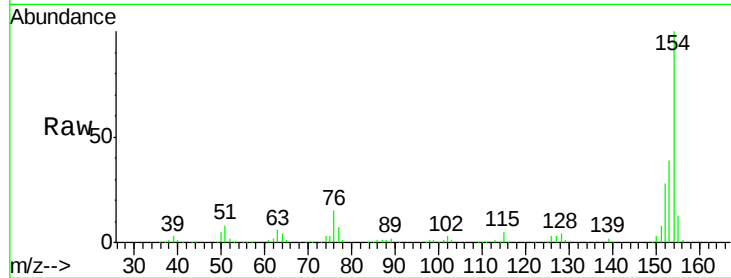




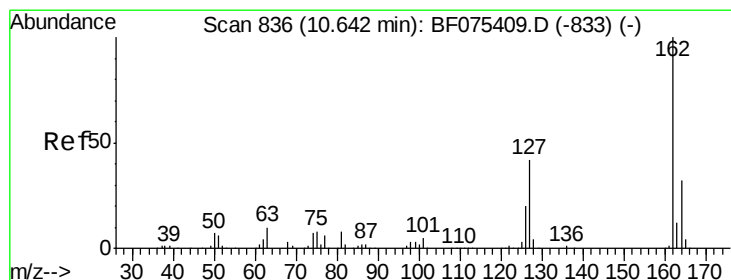
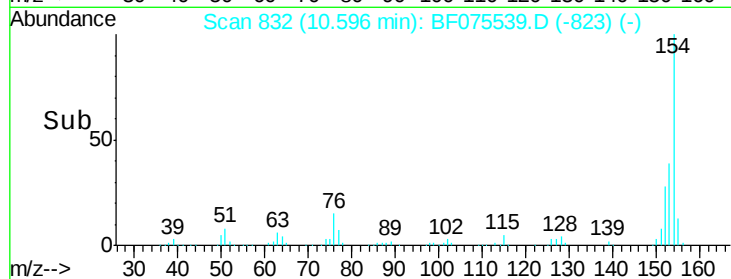
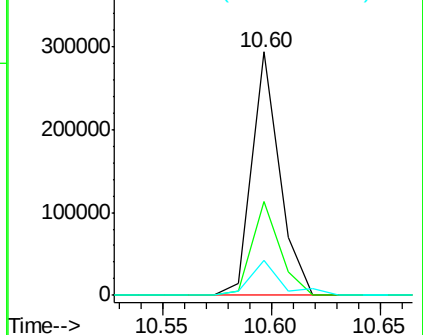
#45
 1,1'-Biphenyl
 Concen: 31.32 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Tgt Ion:	154	Resp:	258990
Ion	Ratio	Lower	Upper
154	100		
153	38.8	19.3	59.3
76	14.5	0.0	35.0

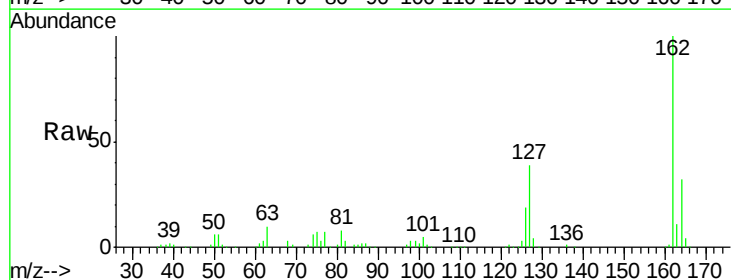


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

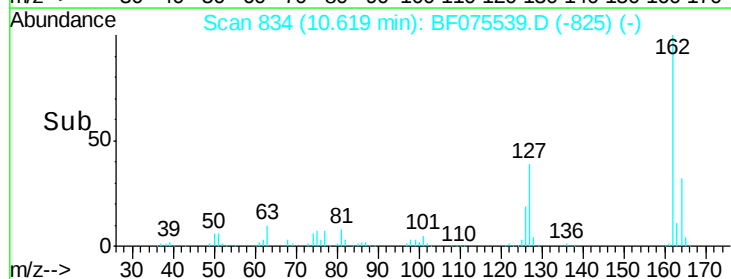
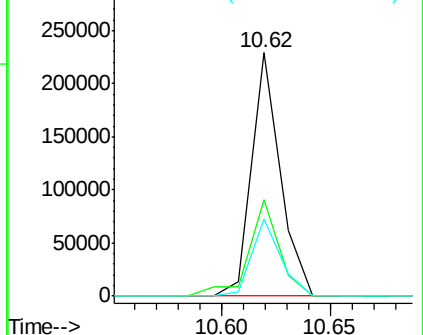


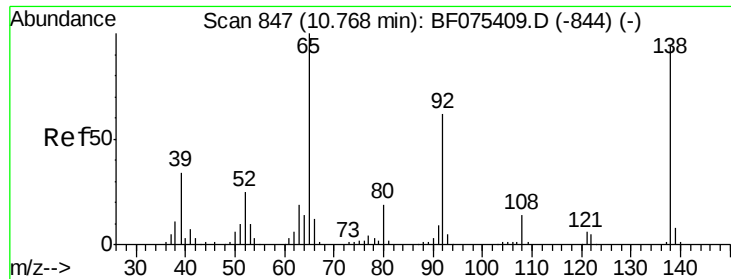
#46
 2-Chloronaphthalene
 Concen: 32.27 ng
 RT: 10.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:	162	Resp:	208663
Ion	Ratio	Lower	Upper
162	100		
127	39.4	34.6	51.8
164	31.5	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

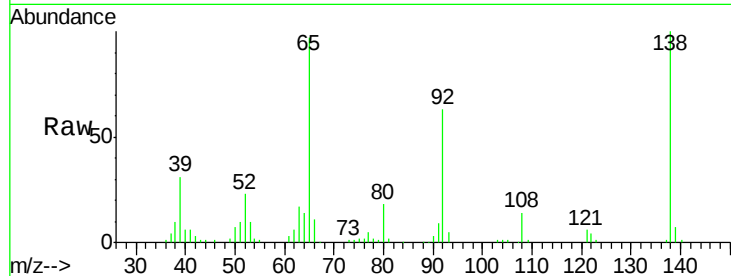




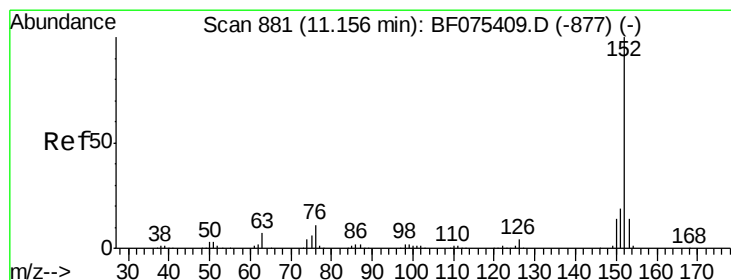
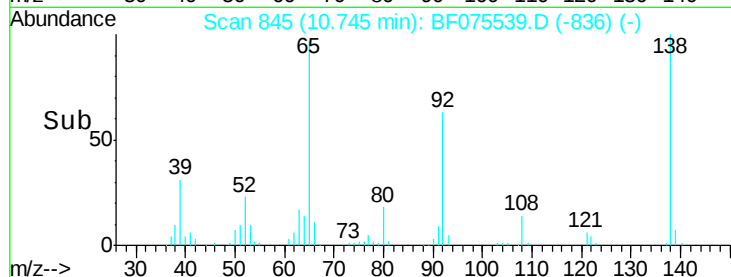
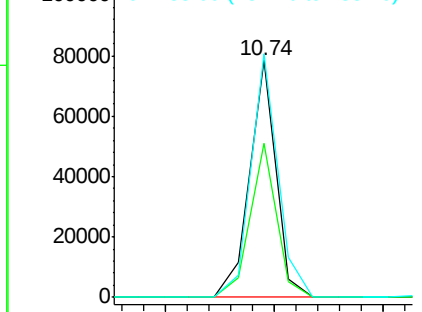
#47
2-Nitroaniline
Concen: 33.82 ng
RT: 10.74 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

Tgt Ion: 65 Resp: 65788
Ion Ratio Lower Upper
65 100
92 64.7 46.7 70.1
138 102.7 62.8 94.2#

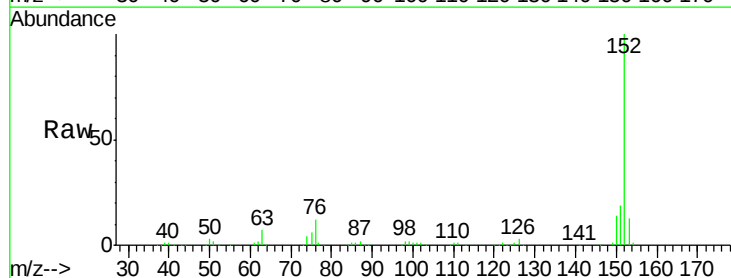


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

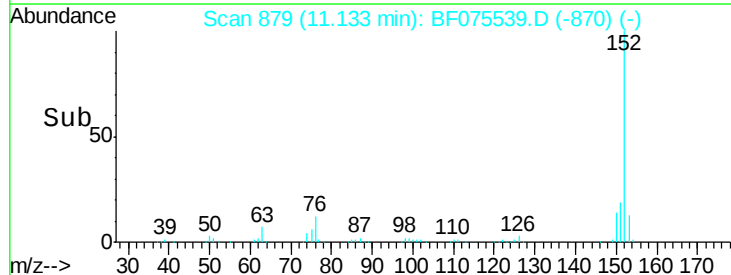
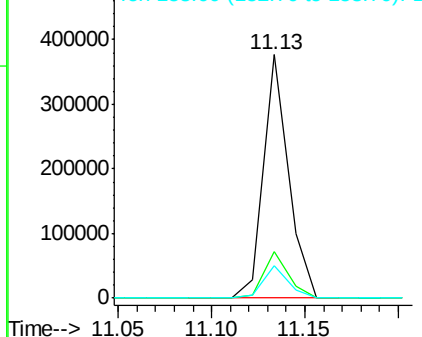


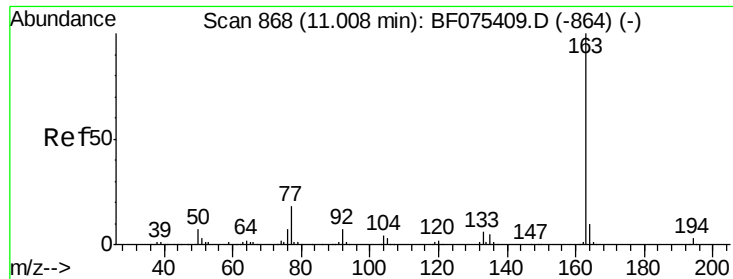
#48
Acenaphthylene
Concen: 32.66 ng
RT: 11.13 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion: 152 Resp: 348121
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 13.4 10.0 15.0



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

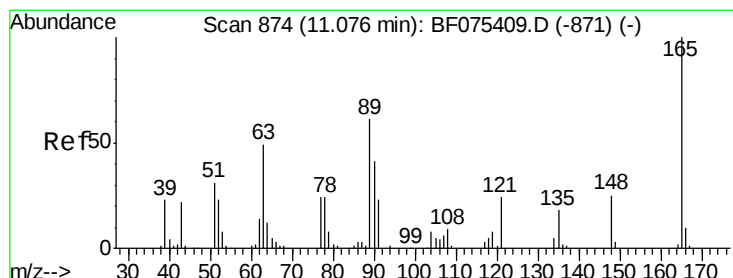
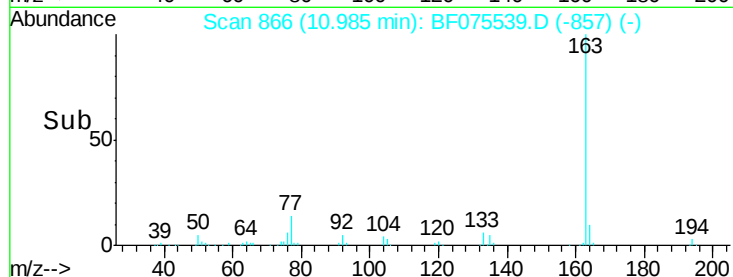
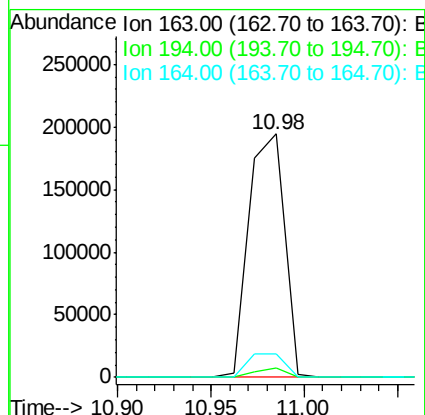
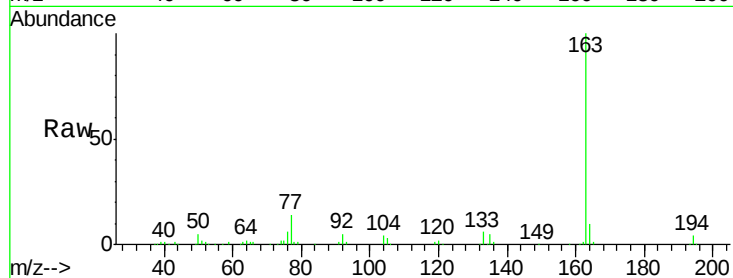




#49
Dimethylphthalate
Concen: 30.67 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

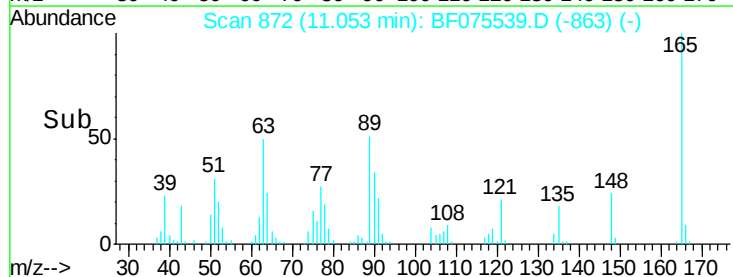
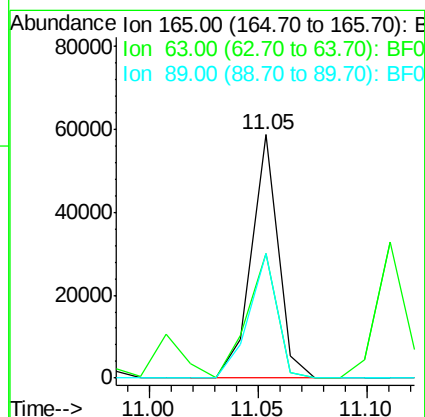
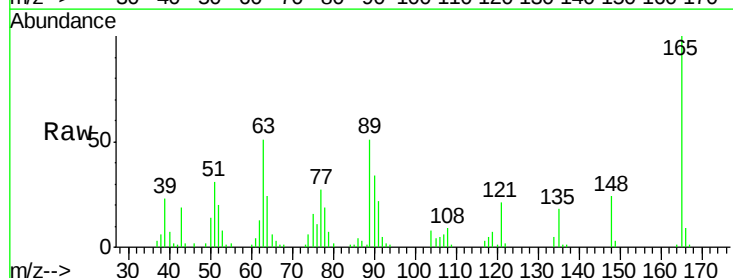
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

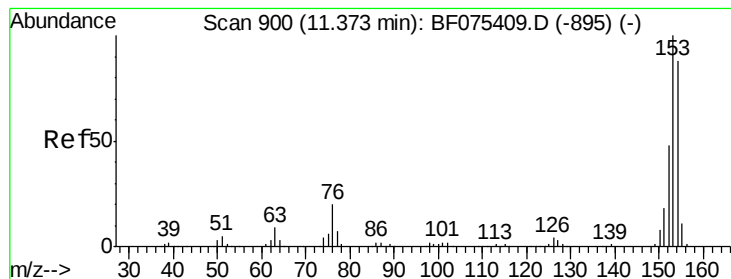
Tgt Ion:163 Resp: 257028
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 30.47 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:165 Resp: 50289
Ion Ratio Lower Upper
165 100
63 51.0 61.2 91.8#
89 51.2 52.5 78.7#





#51

Acenaphthene

Concen: 33.51 ng

RT: 11.35 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

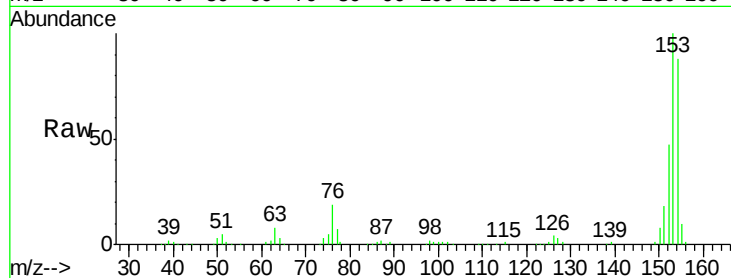
Tgt Ion:154 Resp: 215607

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

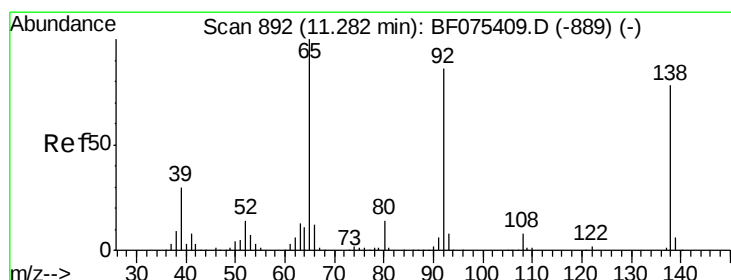
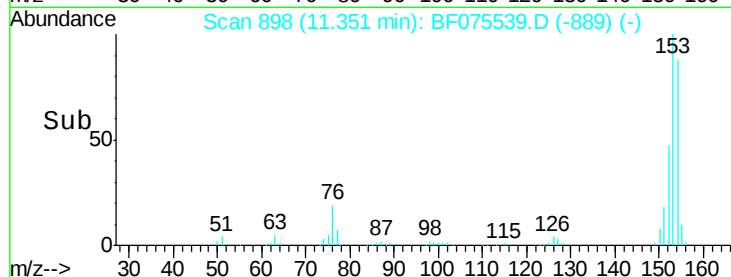
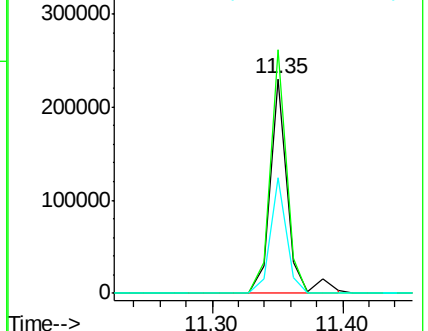
152 53.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.29 ng

RT: 11.26 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

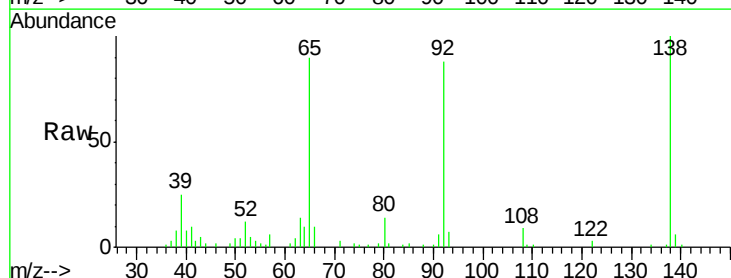
Tgt Ion:138 Resp: 45322

Ion Ratio Lower Upper

138 100

108 8.9 10.2 15.2#

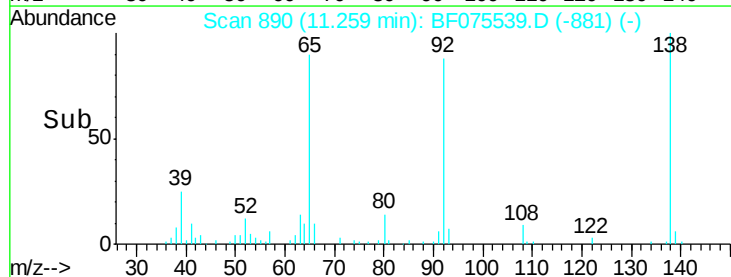
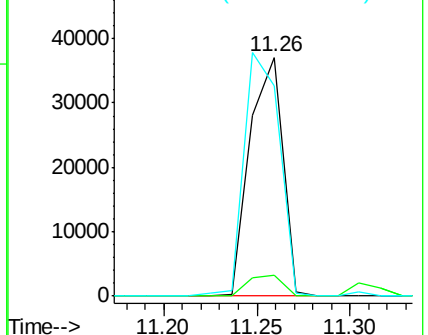
92 87.8 91.0 136.6#

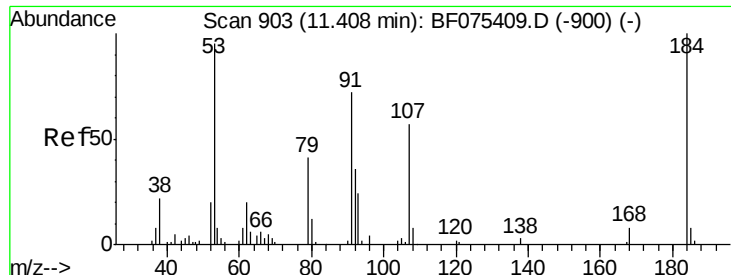


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

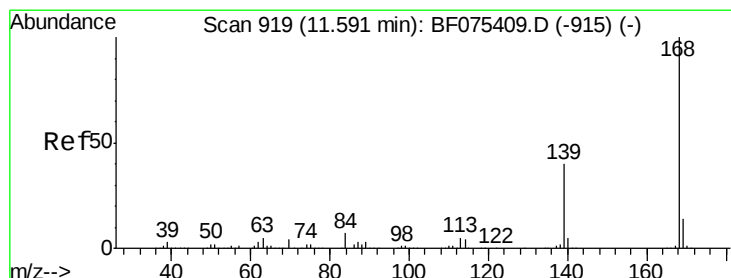
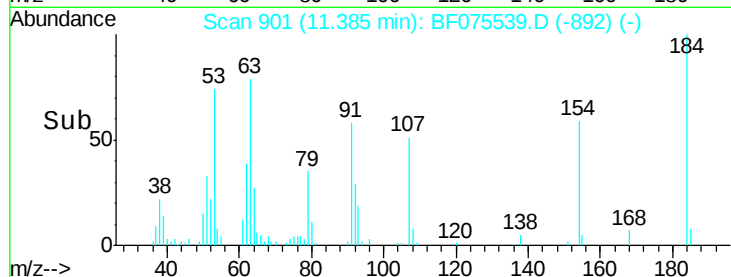
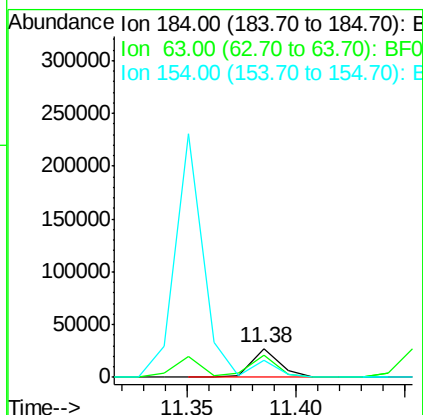
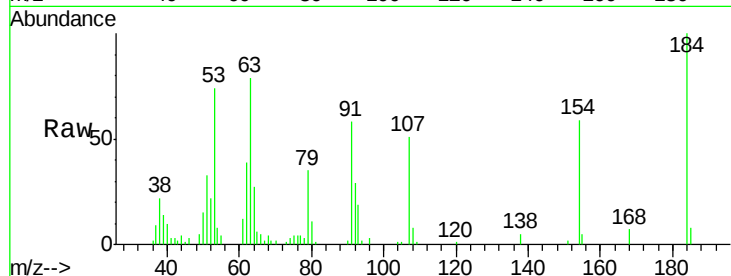




#53
2,4-Dinitrophenol
Concen: 35.42 ng
RT: 11.38 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

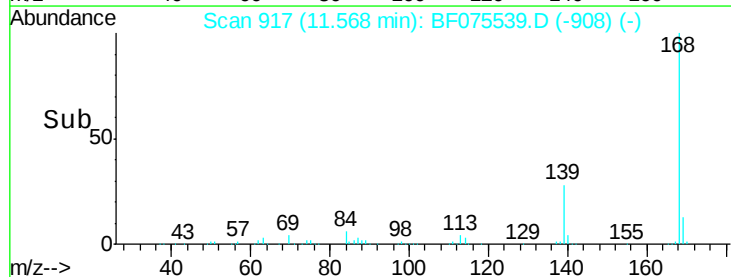
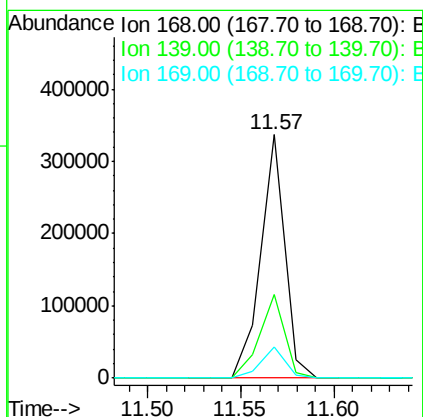
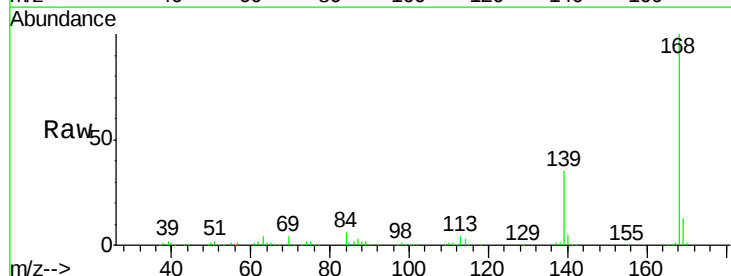
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

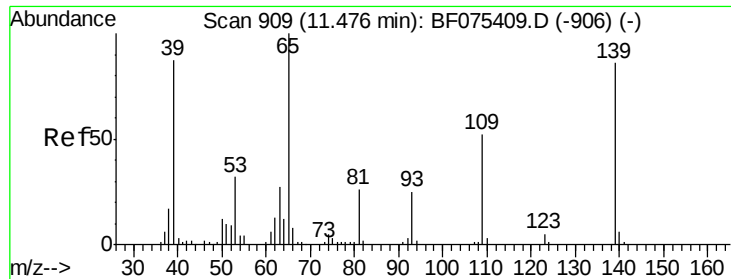
Tgt Ion:184 Resp: 24669
Ion Ratio Lower Upper
184 100
63 79.1 96.3 144.5#
154 59.0 56.2 84.4



#54
Dibenzofuran
Concen: 32.46 ng
RT: 11.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:168 Resp: 298521
Ion Ratio Lower Upper
168 100
139 34.6 33.0 49.4
169 12.9 10.8 16.2

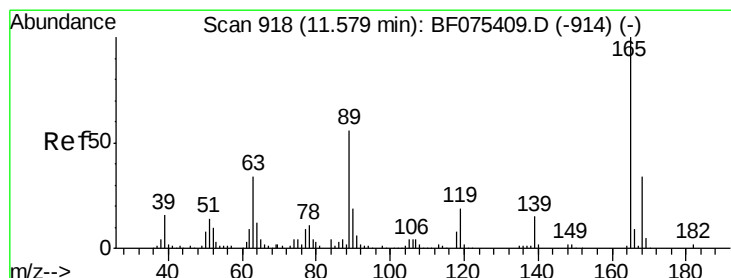
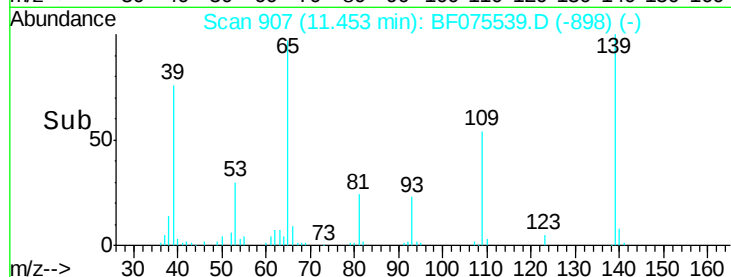
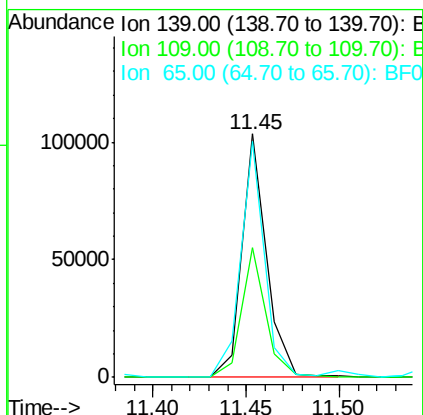
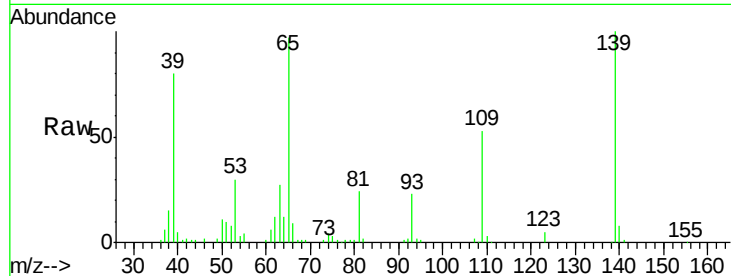




#55
4-Nitrophenol
Concen: 61.47 ng
RT: 11.45 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

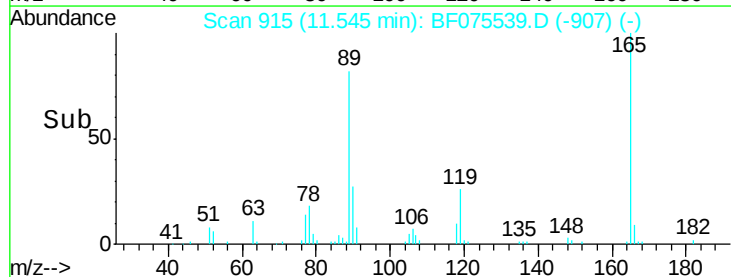
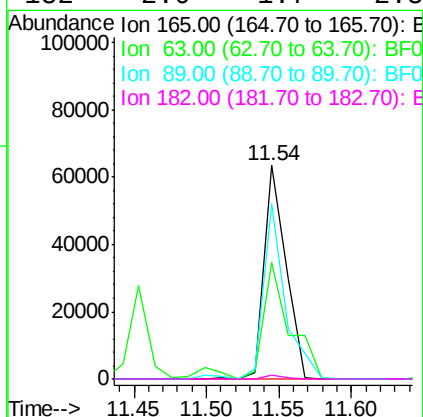
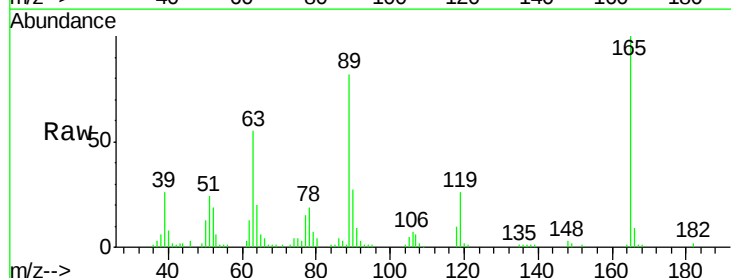
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

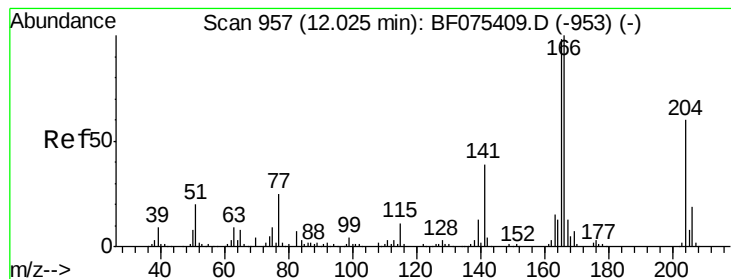
Tgt Ion:139 Resp: 95632
Ion Ratio Lower Upper
139 100
109 53.3 45.8 85.8
65 97.0 94.8 134.8



#56
2,4-Dinitrotoluene
Concen: 30.37 ng
RT: 11.54 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:165 Resp: 65869
Ion Ratio Lower Upper
165 100
63 54.6 27.0 40.6#
89 82.2 47.8 71.6#
182 2.0 1.7 2.5





#57

Fluorene

Concen: 32.37 ng

RT: 11.99 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

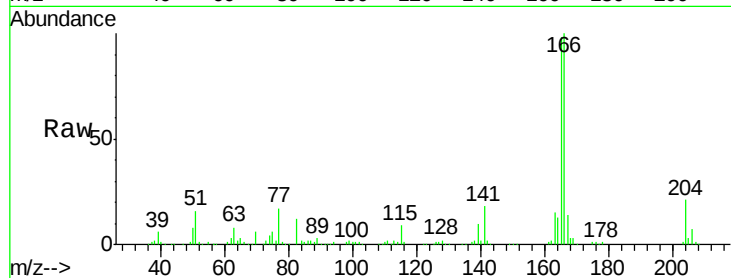
Tgt Ion:166 Resp: 240758

Ion Ratio Lower Upper

166 100

165 98.2 78.8 118.2

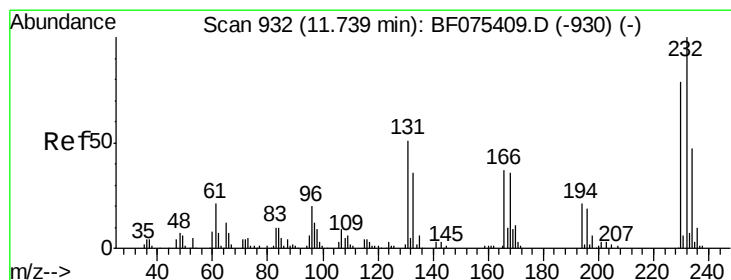
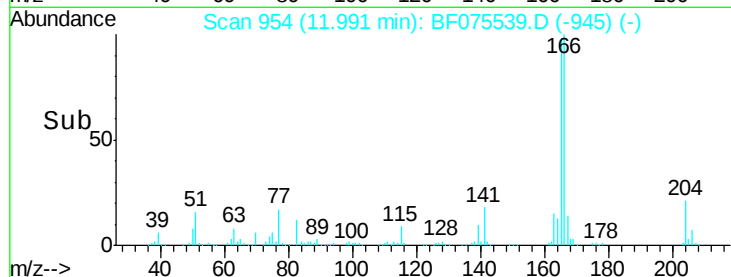
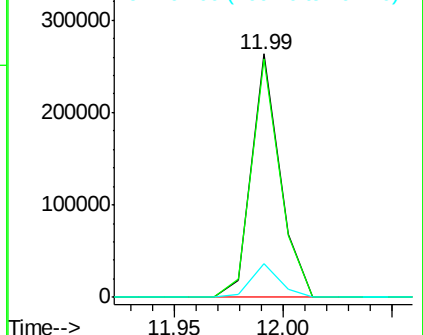
167 13.7 10.6 15.8



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: 30.55 ng

RT: 11.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Tgt Ion:232 Resp: 50613

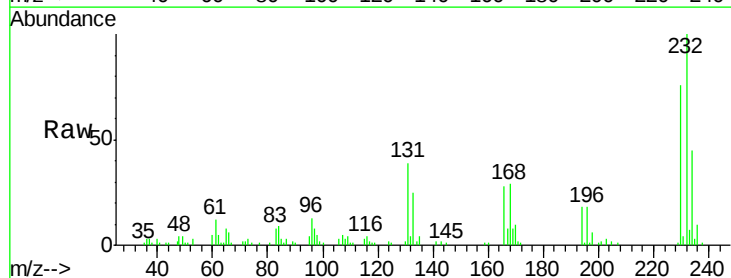
Ion Ratio Lower Upper

232 100

131 51.2 44.6 67.0

130 2.0 2.5 3.7#

166 33.7 29.3 43.9

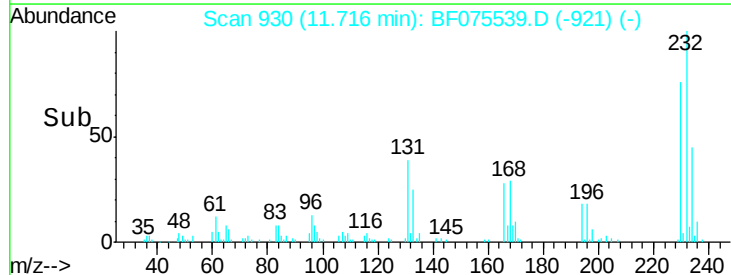
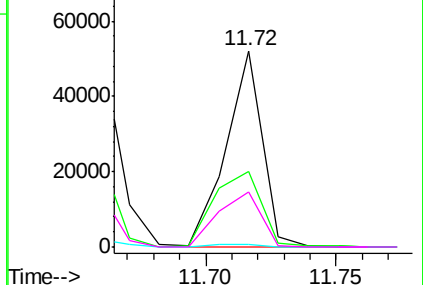


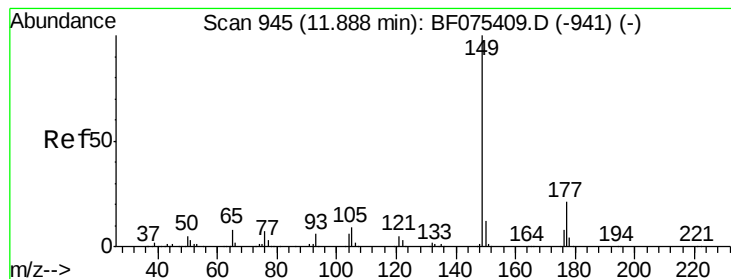
Abundance Ion 232.00 (231.70 to 232.70): E

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: 27.05 ng

RT: 11.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

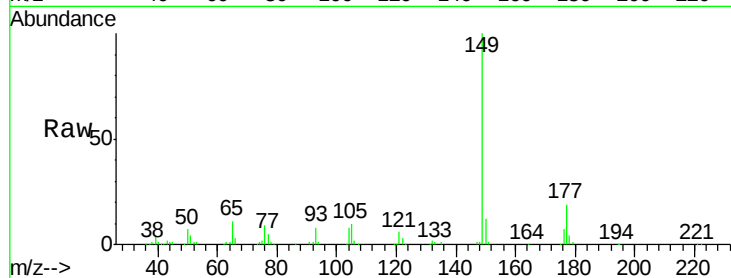
Tgt Ion:149 Resp: 235206

Ion Ratio Lower Upper

149 100

177 19.4 15.8 23.8

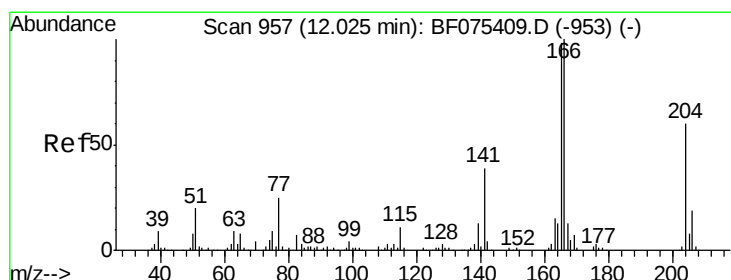
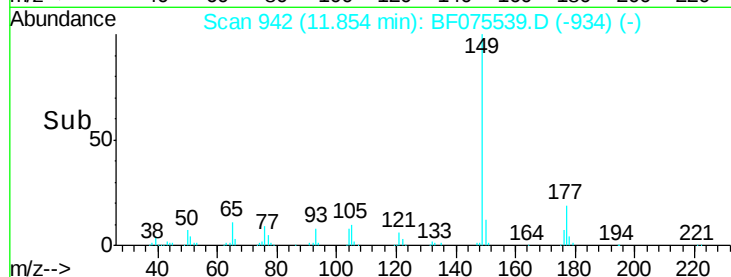
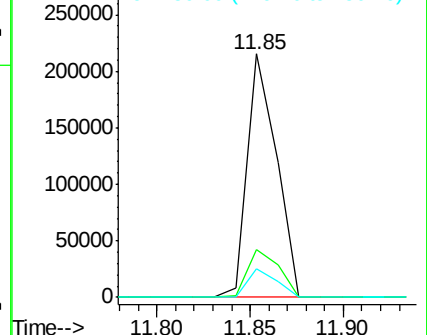
150 12.0 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 30.83 ng

RT: 12.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

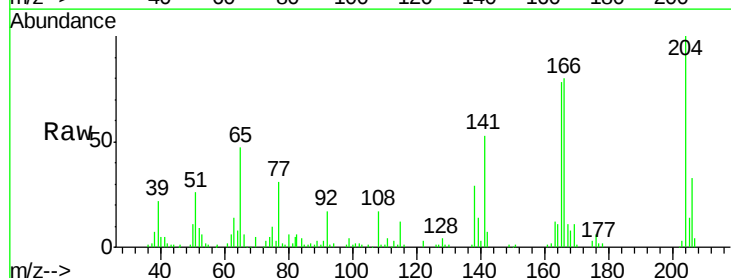
Tgt Ion:204 Resp: 98600

Ion Ratio Lower Upper

204 100

206 33.1 25.1 37.7

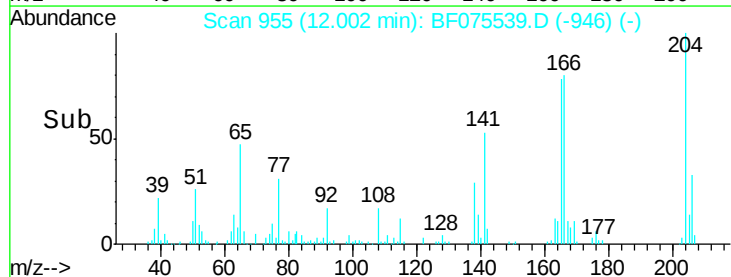
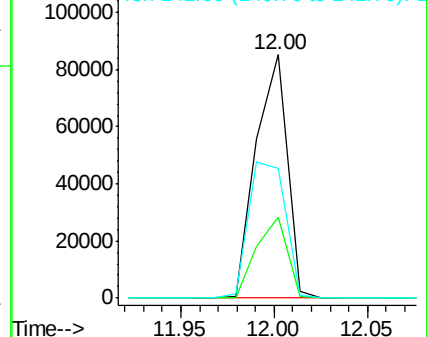
141 53.3 58.6 87.8#

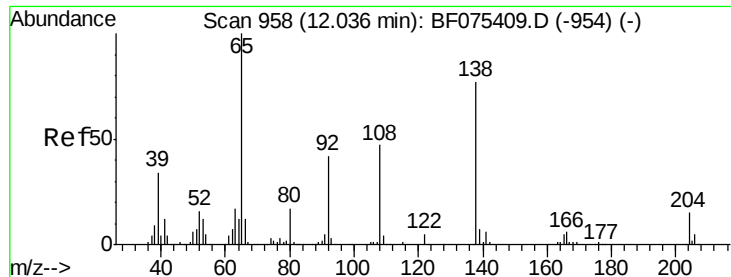


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

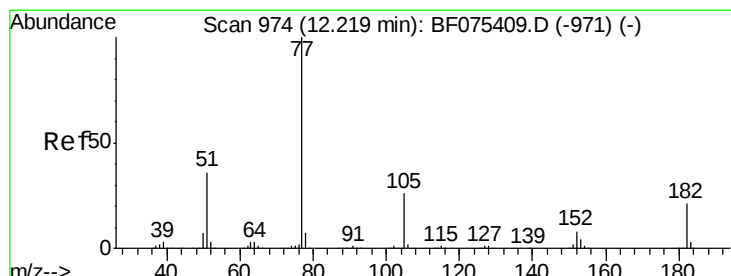
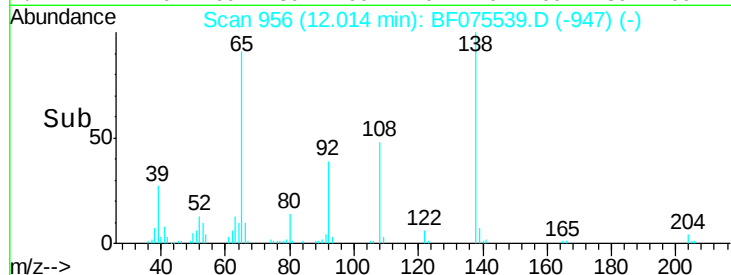
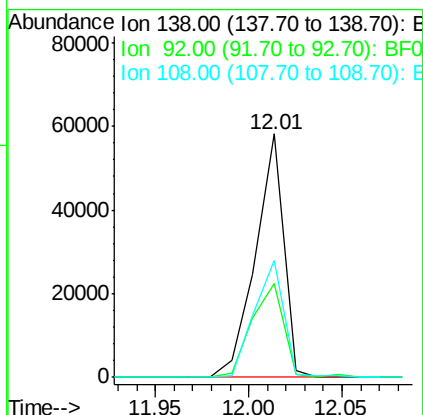
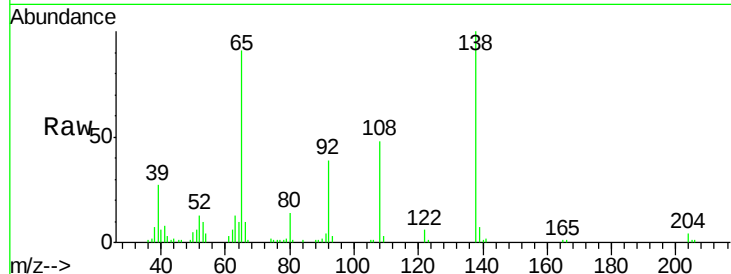




#61
4-Nitroaniline
Concen: 31.10 ng
RT: 12.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

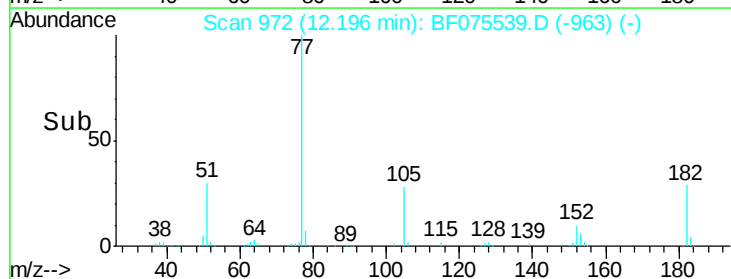
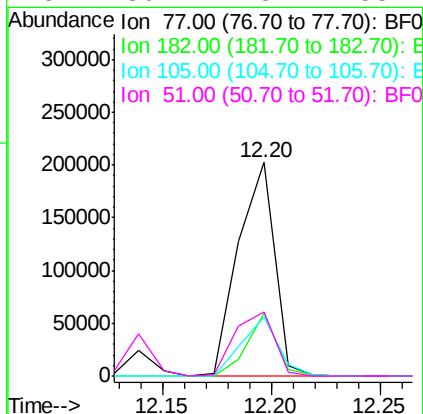
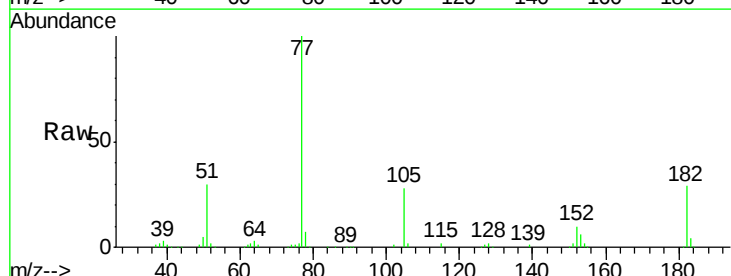
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

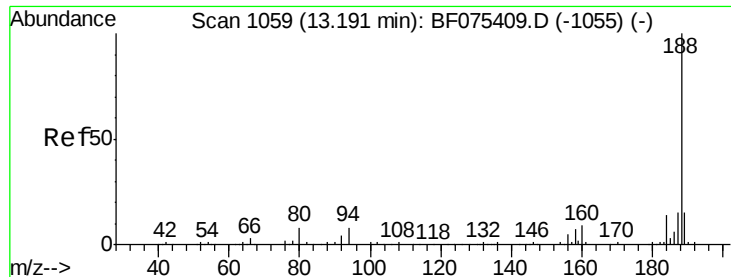
Tgt Ion: 138 Resp: 60519
Ion Ratio Lower Upper
138 100
92 38.8 34.8 74.8
108 47.9 50.6 90.6#



#62
Azobenzene
Concen: 30.72 ng
RT: 12.20 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion: 77 Resp: 235017
Ion Ratio Lower Upper
77 100
182 29.5 0.0 37.1
105 27.5 3.7 43.7
51 30.2 18.7 58.7

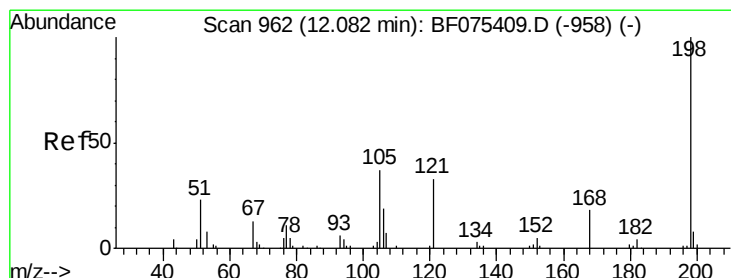
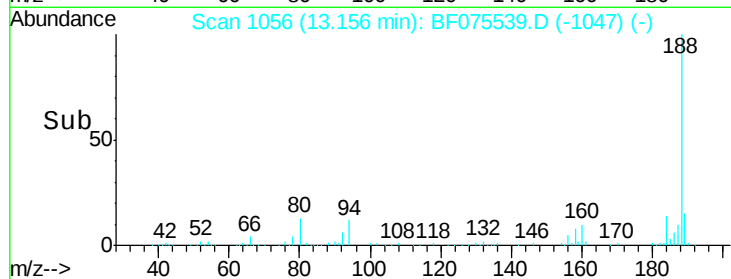
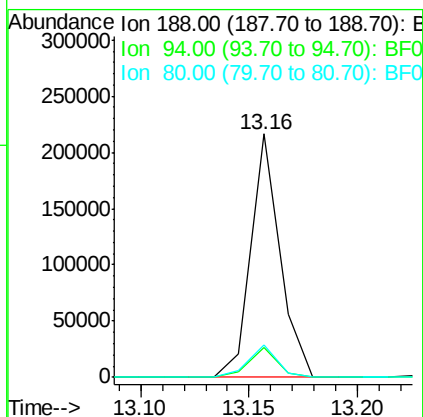
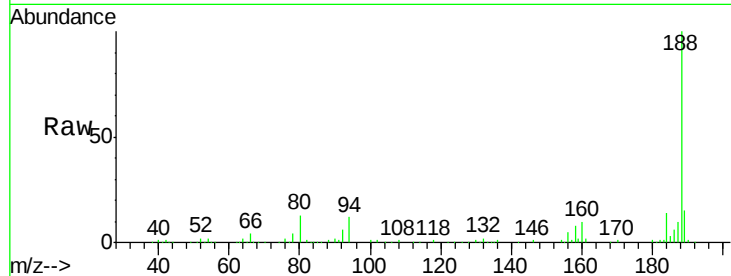




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.16 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

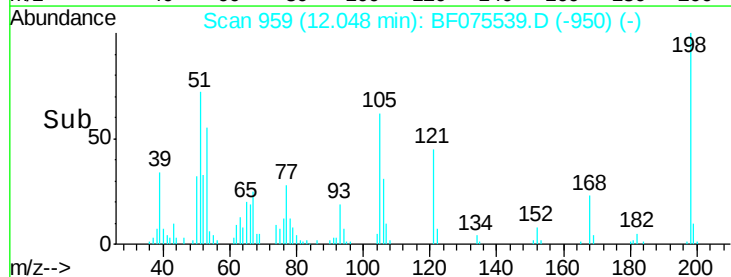
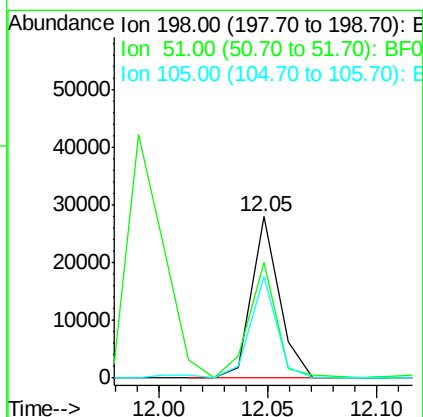
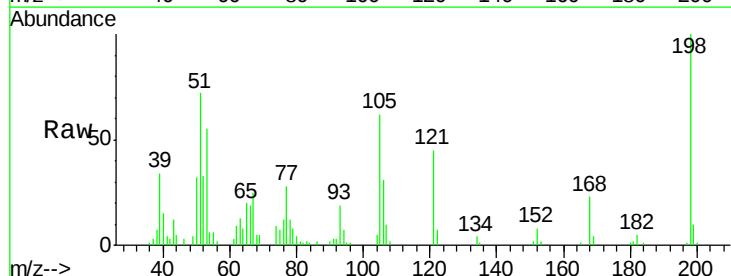
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

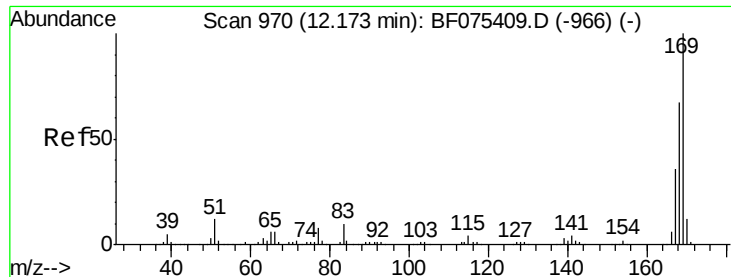
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	7.8	11.6#
80	13.2	8.0	12.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.39 ng
 RT: 12.05 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion	Ratio	Lower	Upper
198	100		
51	71.7	26.0	66.0#
105	62.4	24.2	64.2

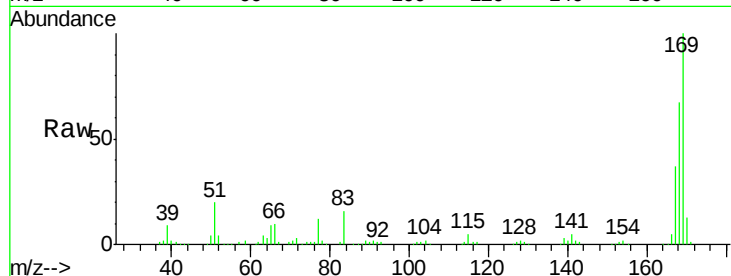




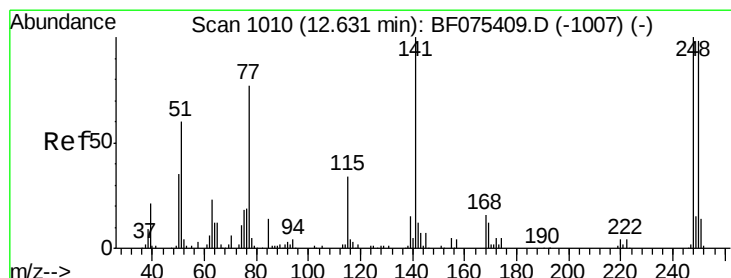
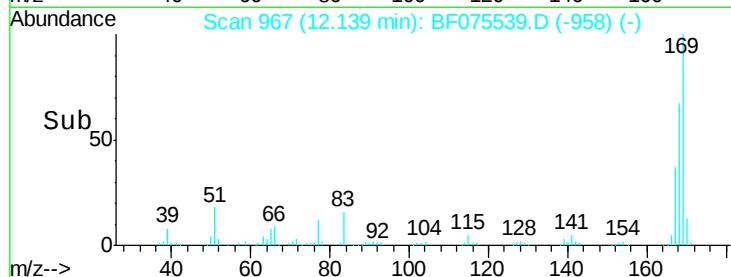
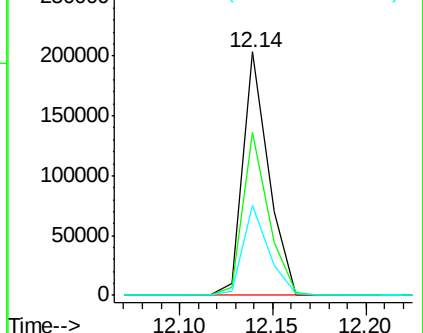
#65
 n-Nitrosodiphenylamine
 Concen: 30.62 ng
 RT: 12.14 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Tgt Ion:169 Resp: 195142
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.5 80.3
 167 37.2 29.8 44.6

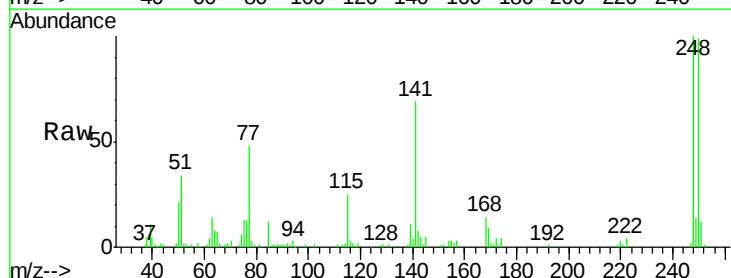


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

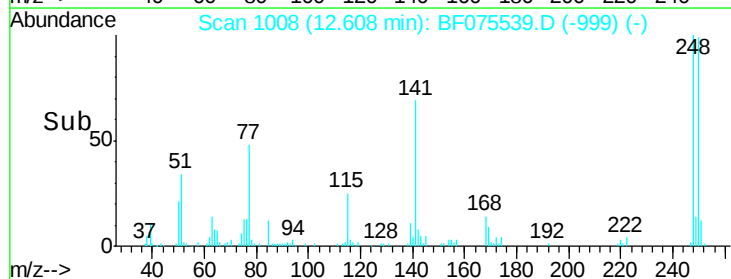
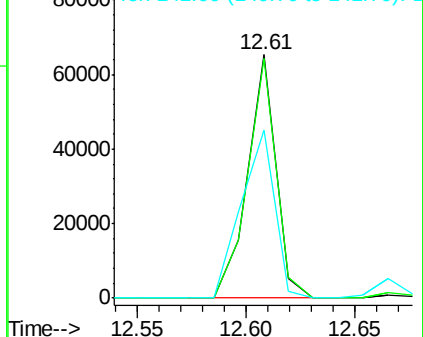


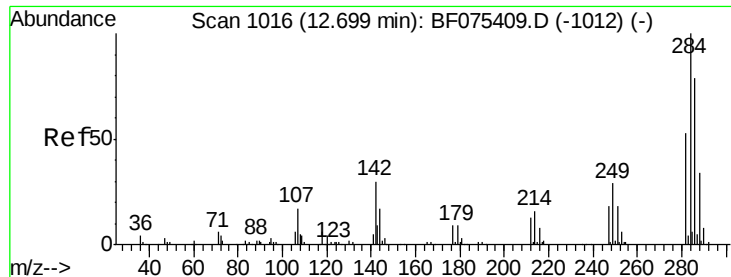
#66
 4-Bromophenyl-phenylether
 Concen: 31.18 ng
 RT: 12.61 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:248 Resp: 59106
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.3 114.5
 141 69.1 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

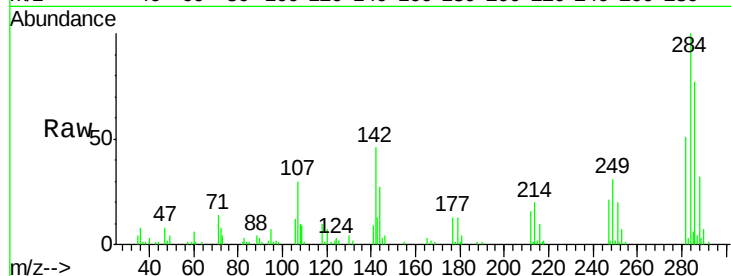




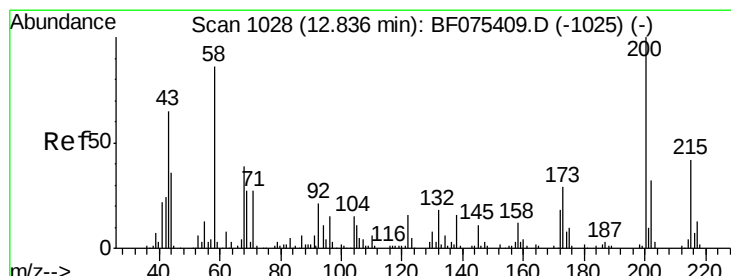
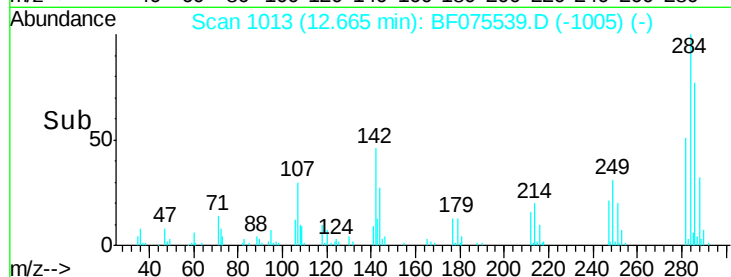
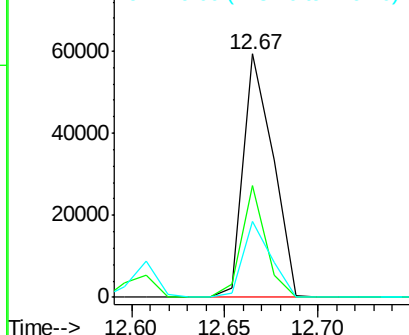
#67
Hexachlorobenzene
Concen: 30.53 ng
RT: 12.67 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

Tgt Ion: 284 Resp: 65736
Ion Ratio Lower Upper
284 100
142 46.0 28.7 43.1#
249 31.2 24.1 36.1

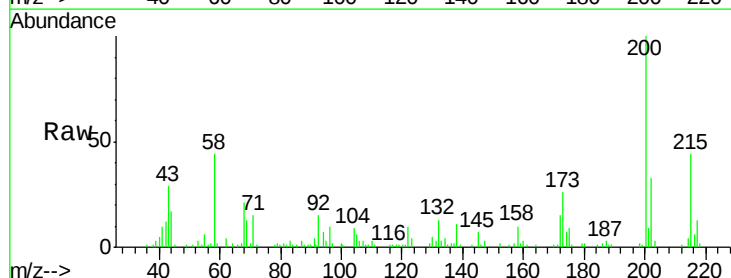


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

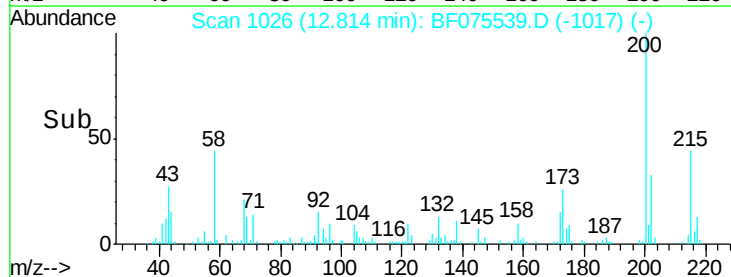
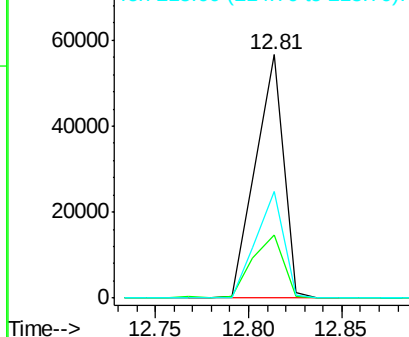


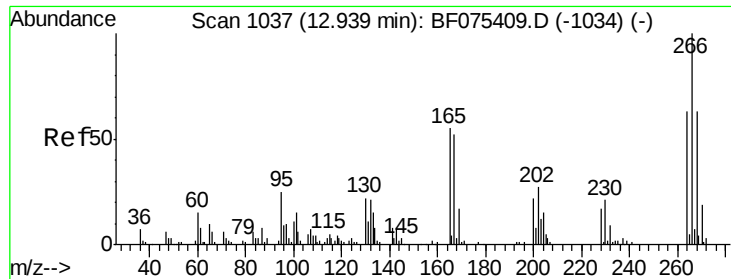
#68
Atrazine
Concen: 29.80 ng
RT: 12.81 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion: 200 Resp: 58944
Ion Ratio Lower Upper
200 100
173 25.8 12.3 52.3
215 44.0 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: 52.59 ng

RT: 12.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

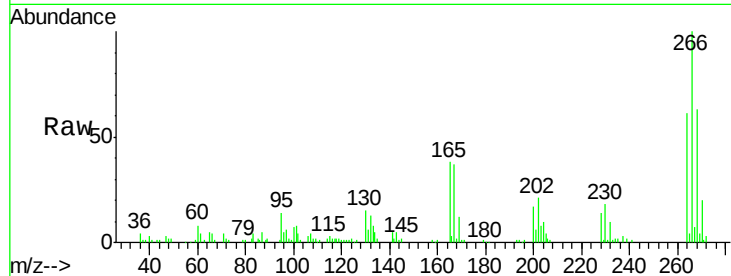
Tgt Ion:266 Resp: 71062

Ion Ratio Lower Upper

266 100

268 62.5 48.6 73.0

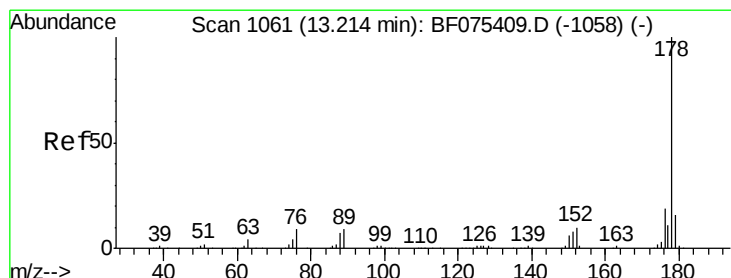
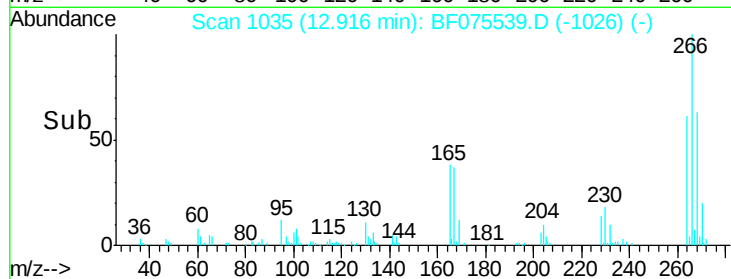
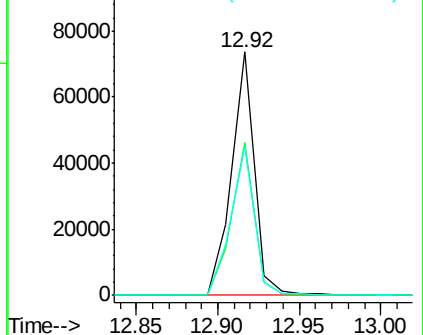
264 61.3 52.1 78.1



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: 36.02 ng

RT: 13.19 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

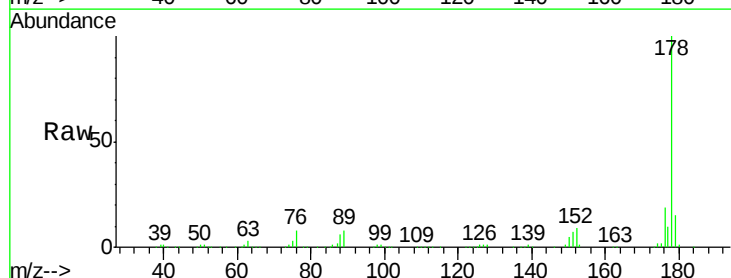
Tgt Ion:178 Resp: 382044

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

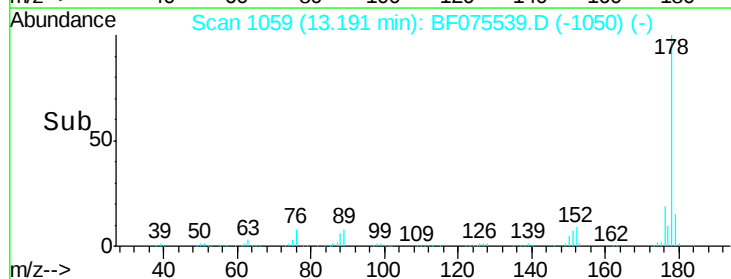
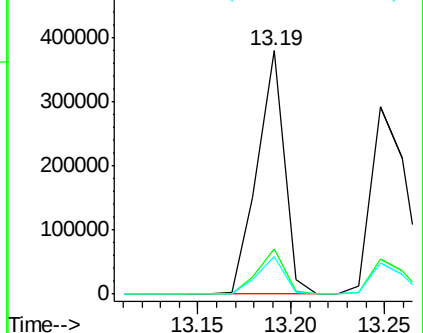
179 15.2 12.2 18.4

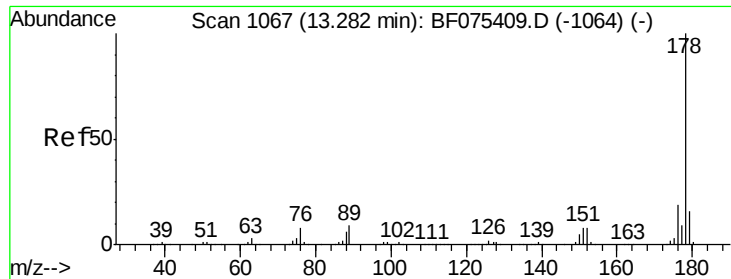


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

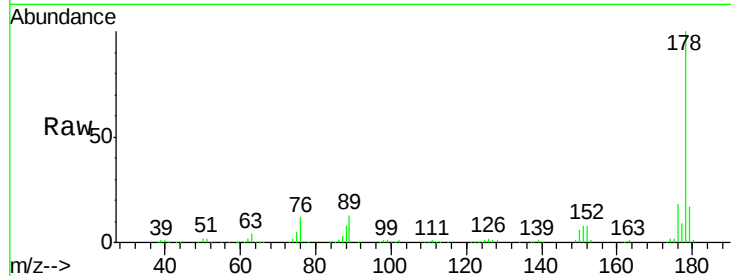




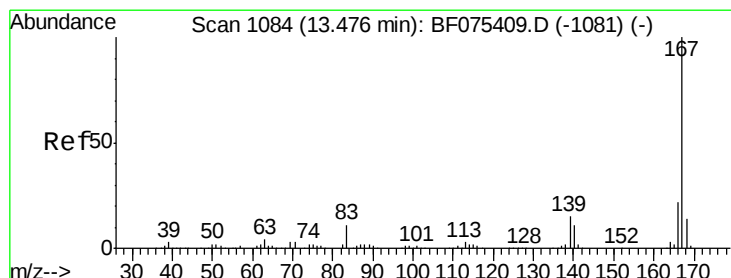
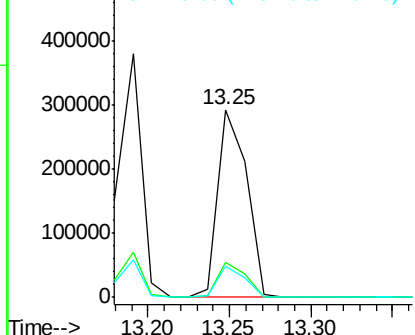
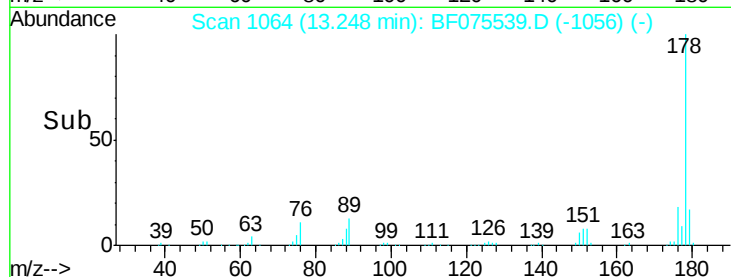
#71
 Anthracene
 Concen: 32.84 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

Tgt Ion:178 Resp: 360005
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.1 22.7
 179 16.6 12.2 18.2

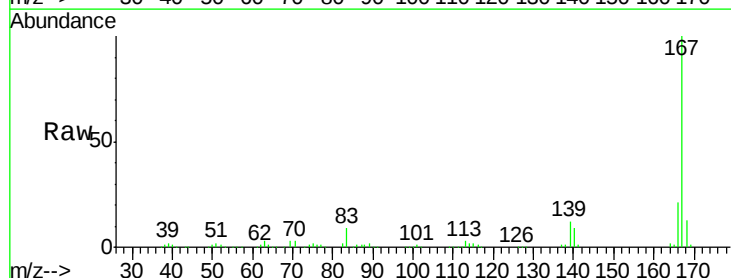


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

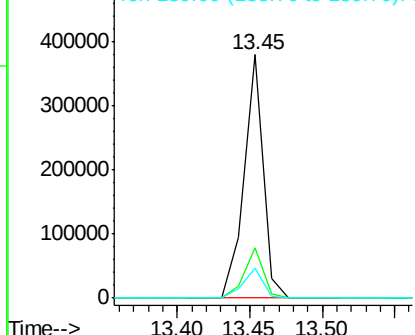
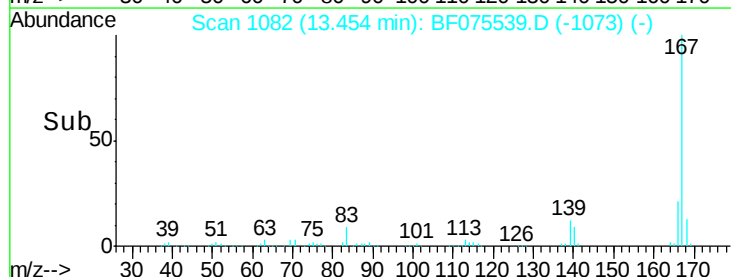


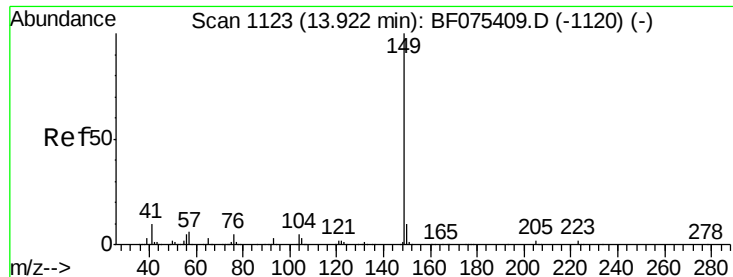
#72
 Carbazole
 Concen: 32.42 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:167 Resp: 347743
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 12.2 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.80 ng

RT: 13.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

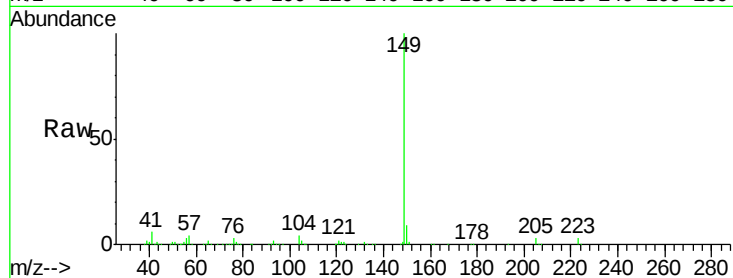
Tgt Ion:149 Resp: 426780

Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

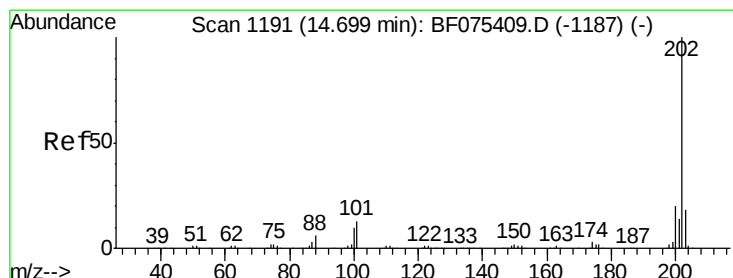
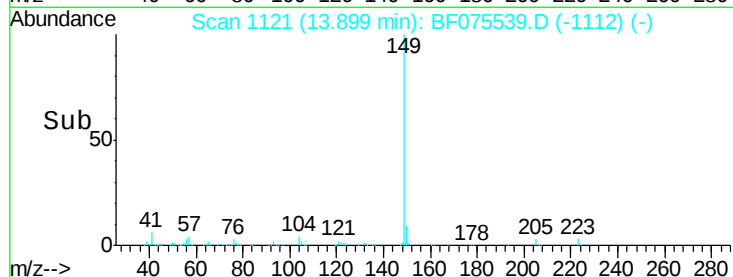
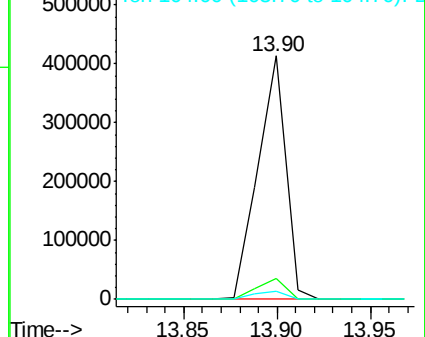
104 3.6 3.1 4.7



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: 34.68 ng

RT: 14.67 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

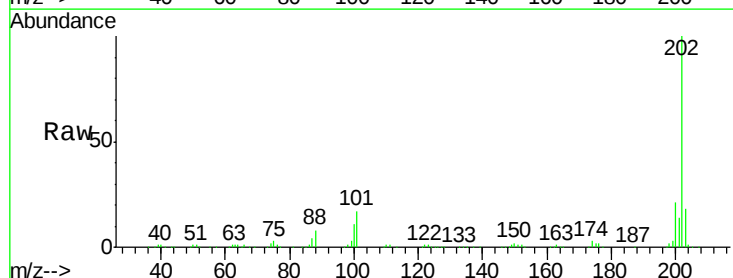
Tgt Ion:202 Resp: 393955

Ion Ratio Lower Upper

202 100

101 16.7 0.0 36.6

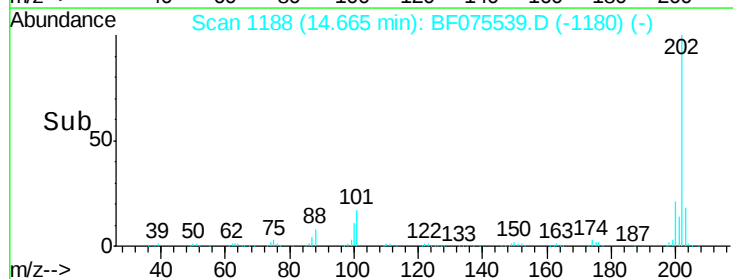
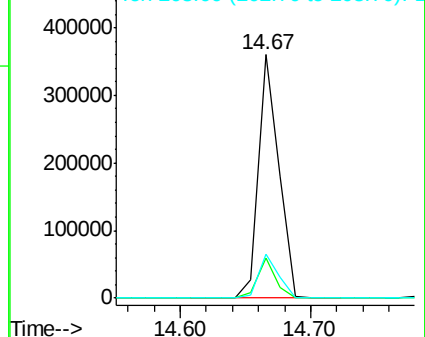
203 18.2 0.0 38.2

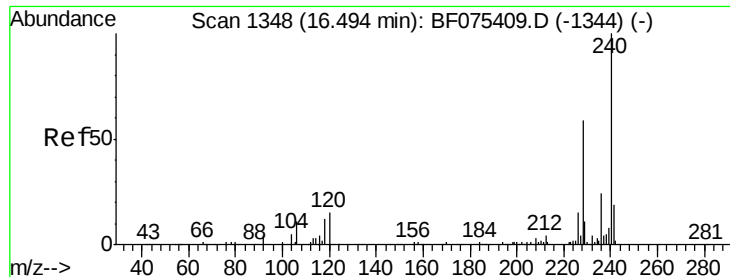


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

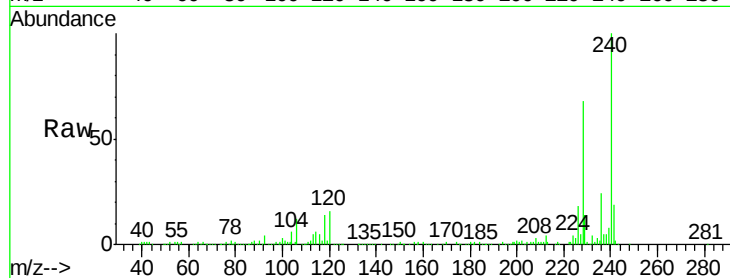
Tgt Ion:240 Resp: 210940

Ion Ratio Lower Upper

240 100

120 15.8 9.6 14.4#

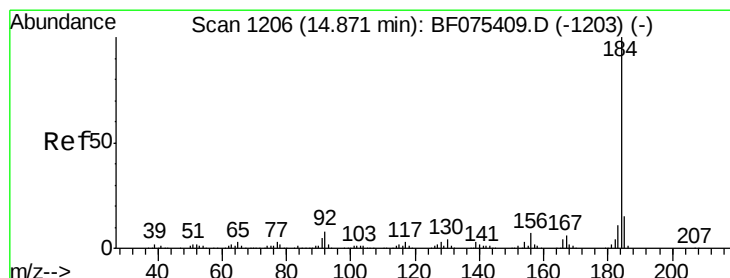
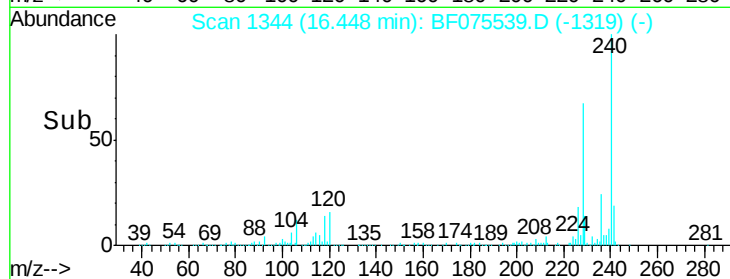
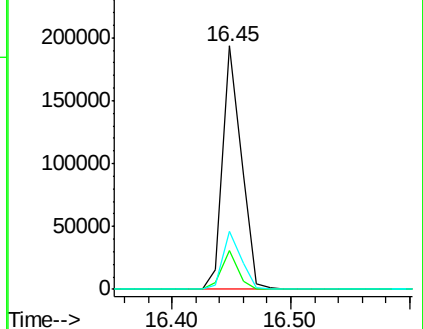
236 23.6 18.9 28.3



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: 25.21 ng

RT: 14.84 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

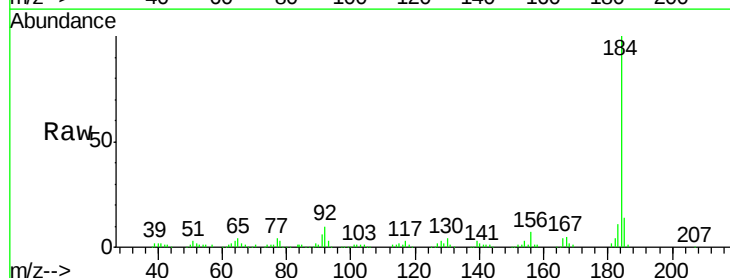
Tgt Ion:184 Resp: 169120

Ion Ratio Lower Upper

184 100

185 14.4 10.9 16.3

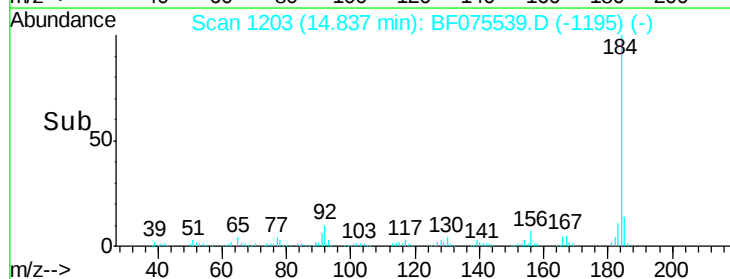
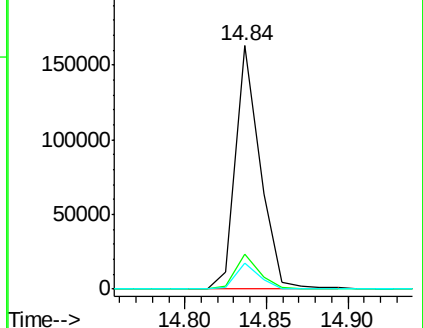
183 10.8 8.7 13.1

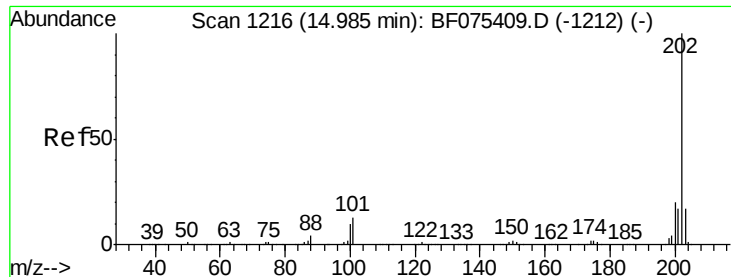


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

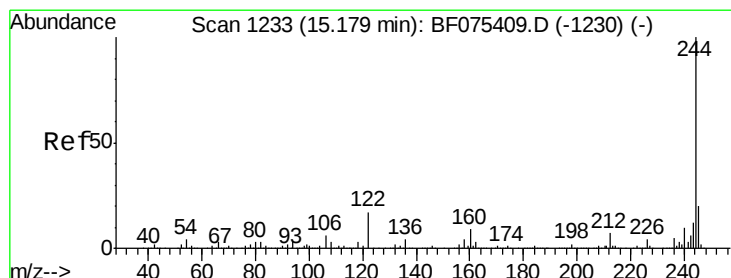
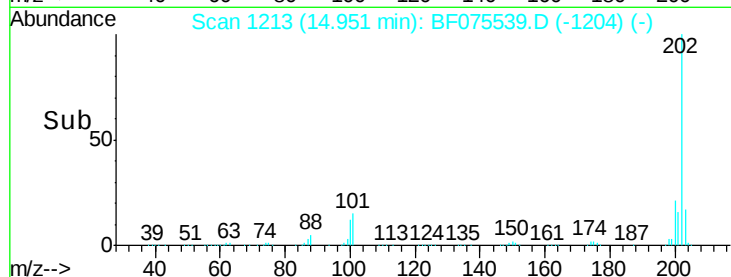
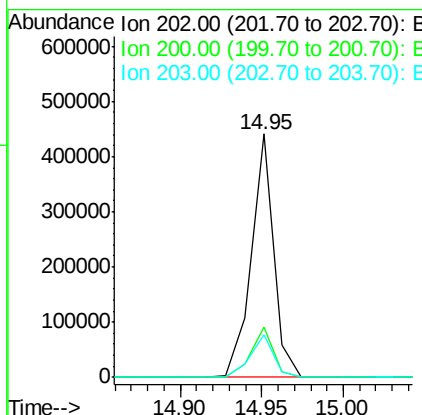
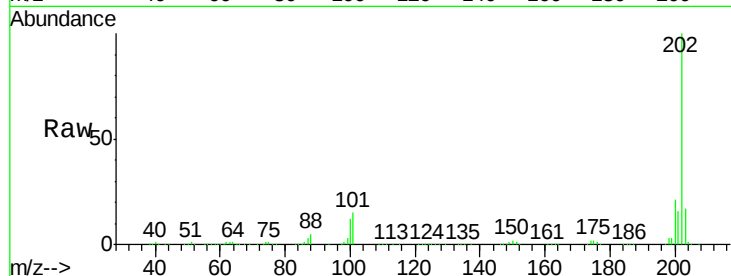




#77
 Pyrene
 Concen: 34.25 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

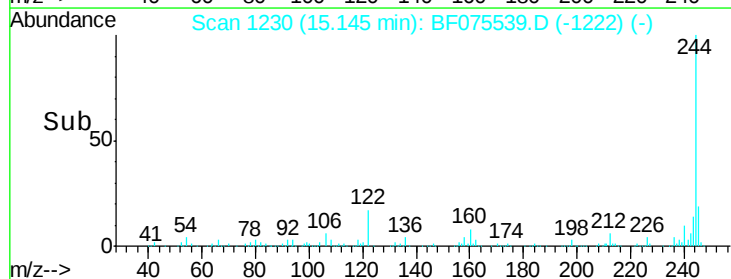
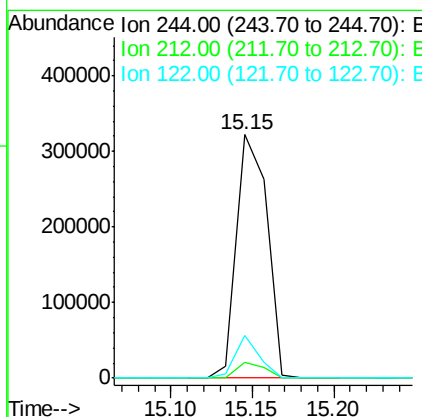
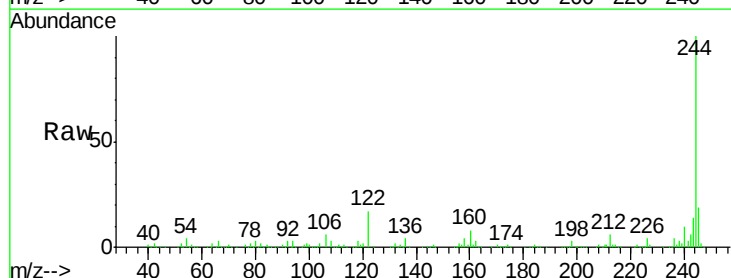
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

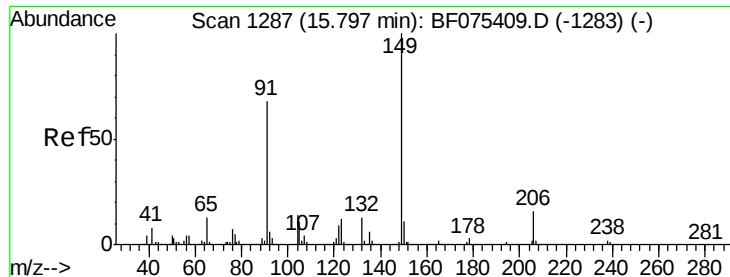
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.3	14.3	21.5



#78
 Terphenyl-d14
 Concen: 53.10 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	17.4	9.7	14.5#

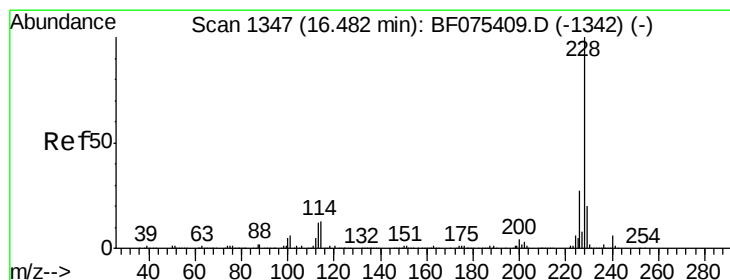
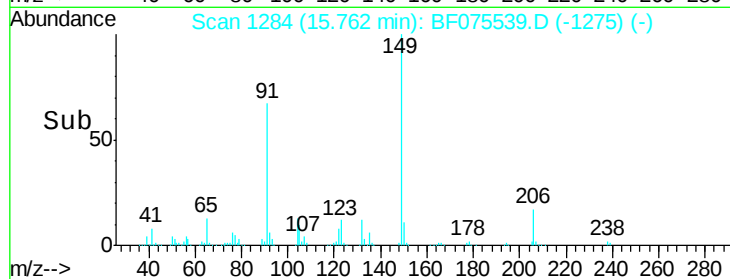
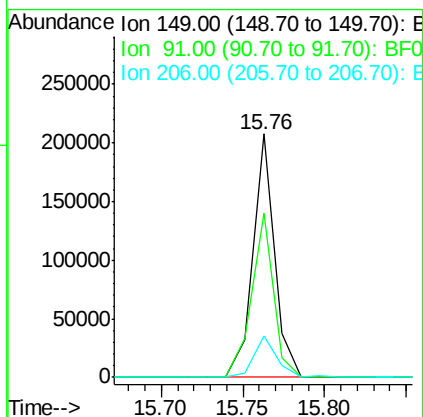
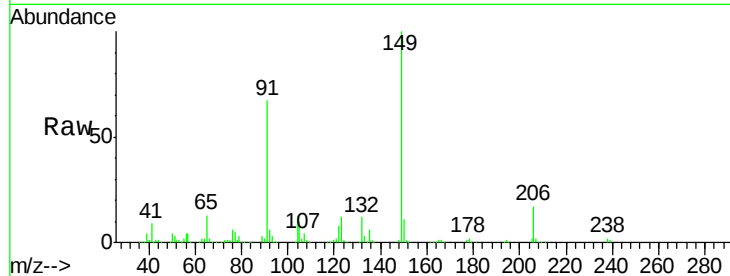




#79
Butylbenzylphthalate
Concen: 27.70 ng
RT: 15.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

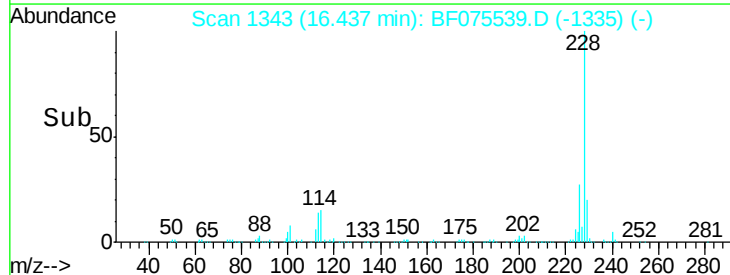
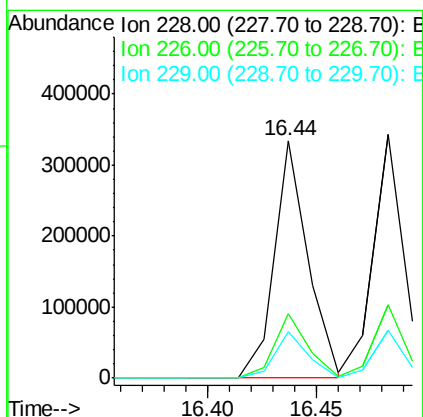
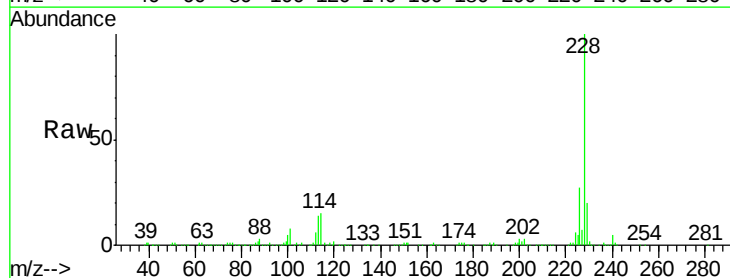
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

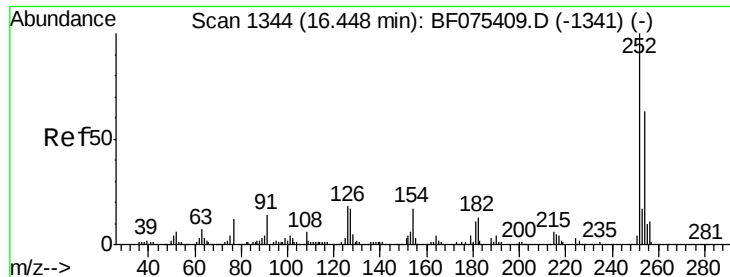
Tgt Ion:149 Resp: 190756
Ion Ratio Lower Upper
149 100
91 67.4 49.0 73.4
206 16.8 15.5 23.3



#80
Benzo(a)anthracene
Concen: 32.73 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:228 Resp: 362652
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.3 22.9

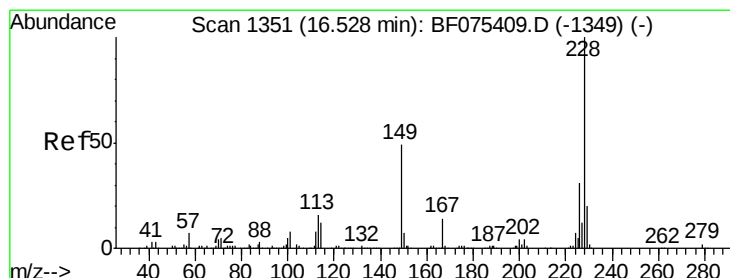
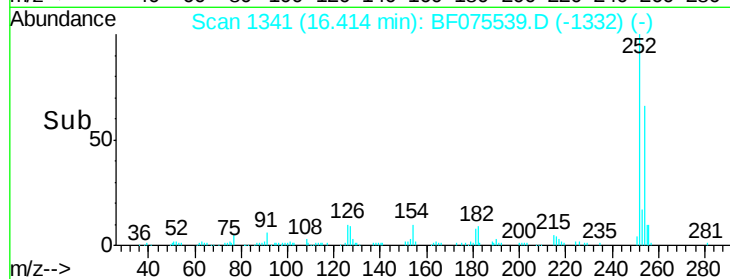
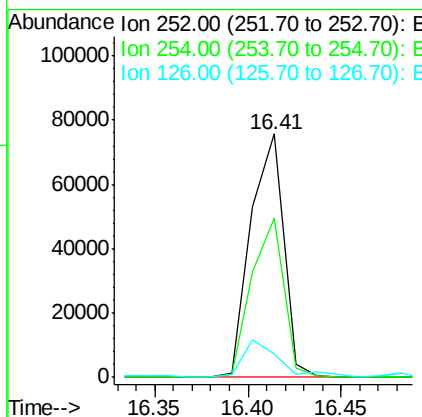
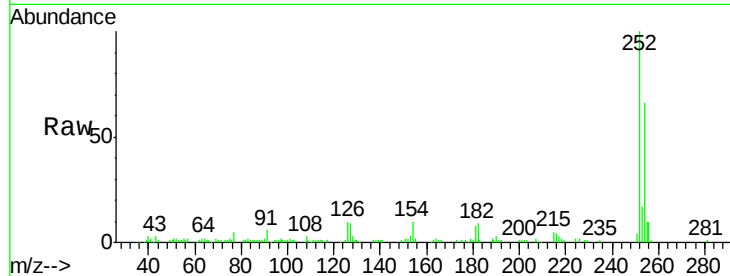




#81
 3,3'-Dichlorobenzidine
 Concen: 22.58 ng
 RT: 16.41 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

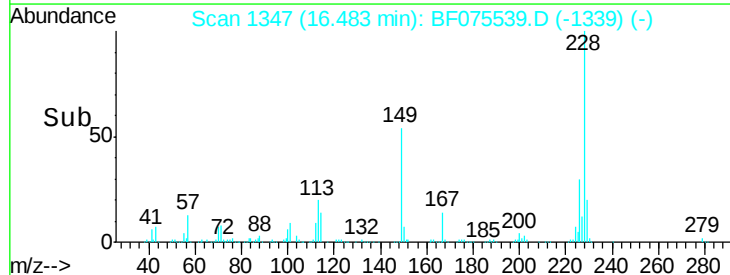
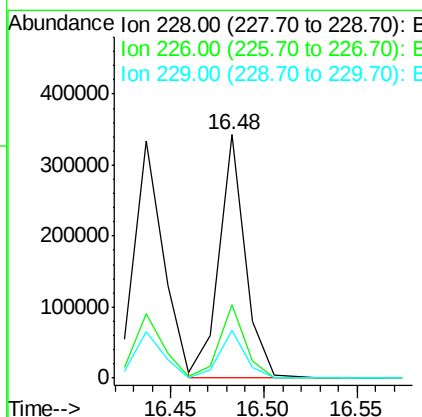
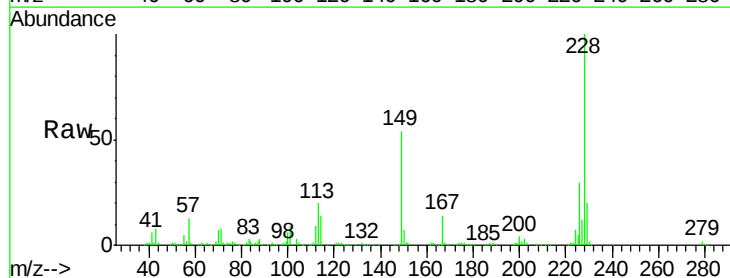
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

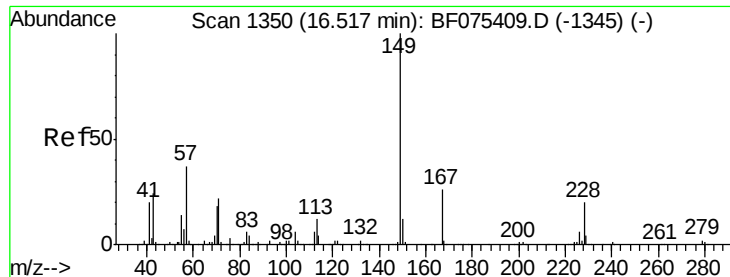
Tgt Ion: 252 Resp: 92401
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.0 75.0
 126 9.7 16.0 24.0#



#82
 Chrysene
 Concen: 34.68 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion: 228 Resp: 332395
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.8 35.6
 229 19.7 15.8 23.6

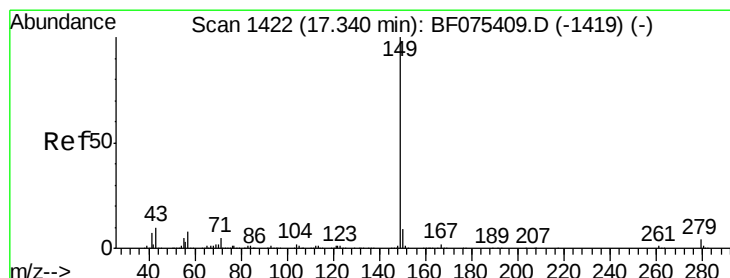
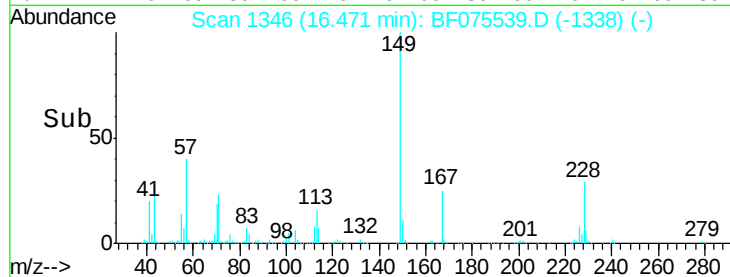
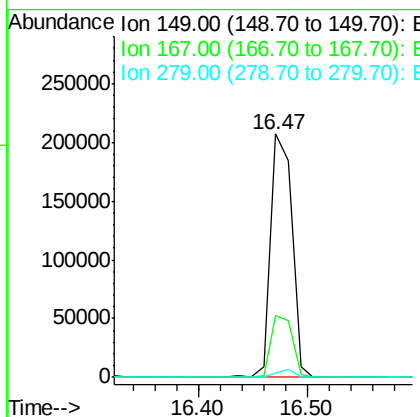
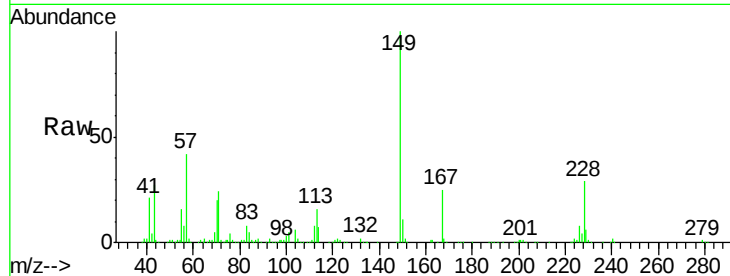




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.19 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

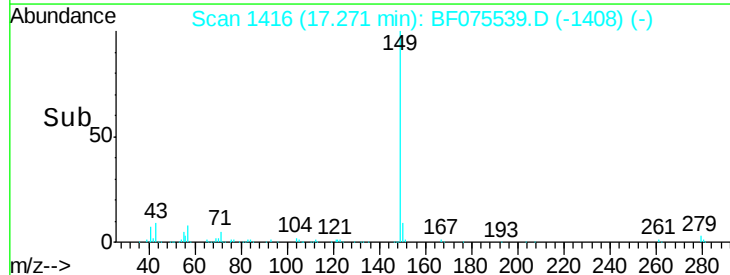
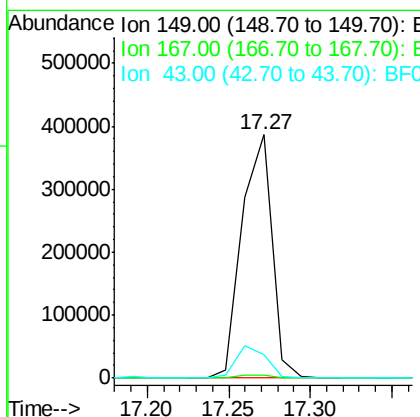
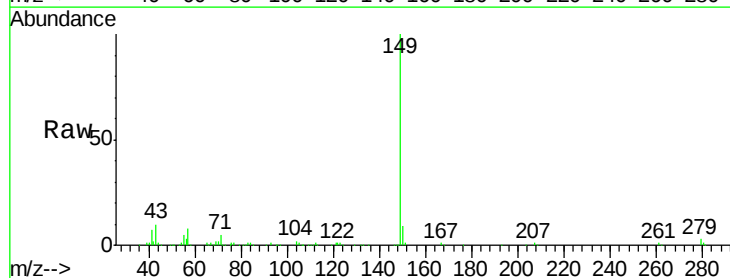
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

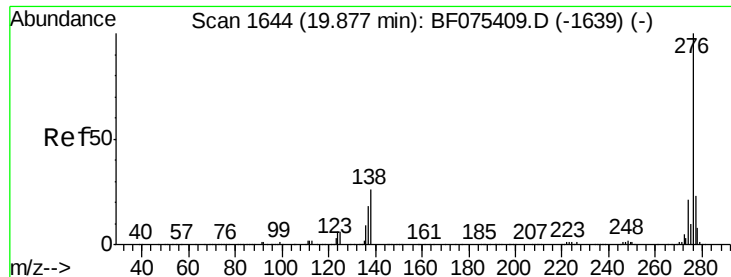
Tgt Ion:149 Resp: 284156
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.4 32.2
 279 1.5 2.8 4.2#



#84
 Di-n-octyl phthalate
 Concen: 25.89 ng
 RT: 17.27 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion:149 Resp: 494389
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.0 11.0 16.4

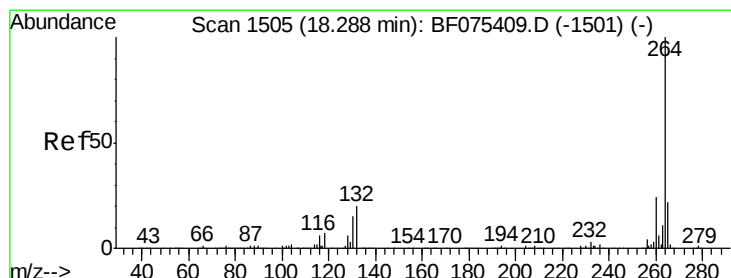
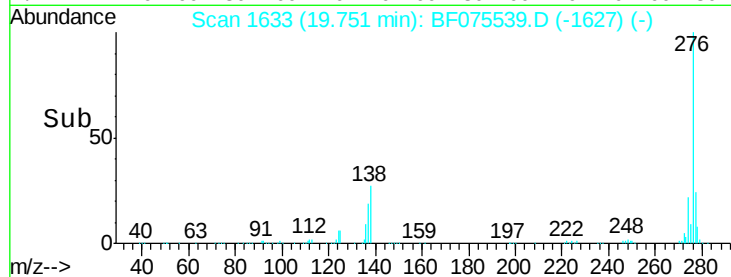
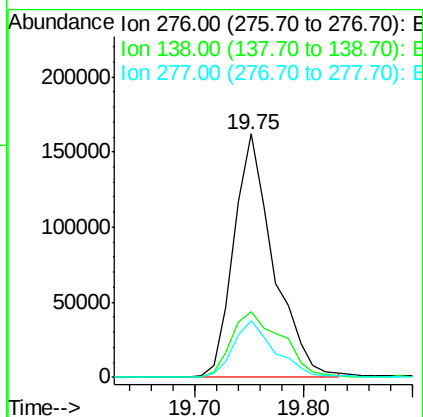
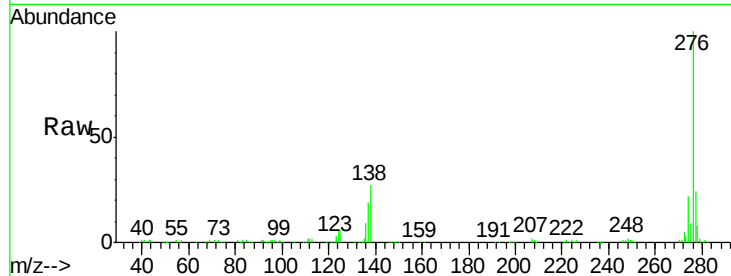




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.11 ng
 RT: 19.75 min Scan# 1633
 Delta R.T. -0.03 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

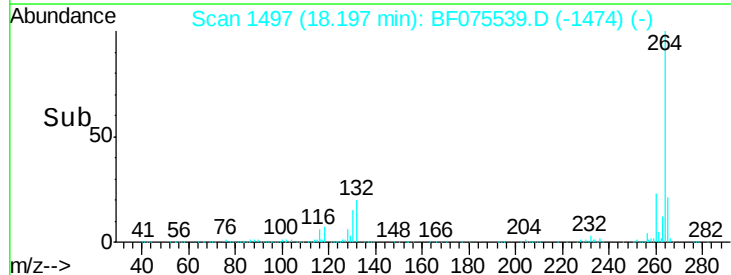
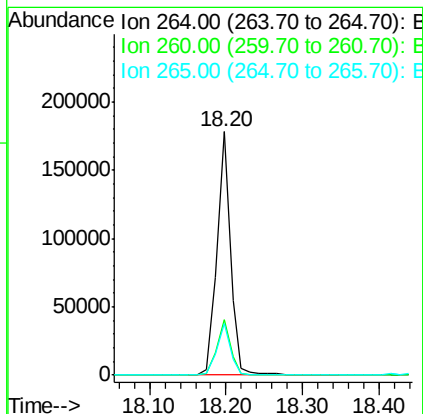
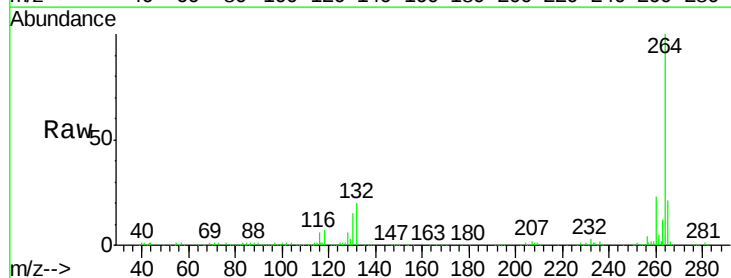
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(36-38)-111014MSD

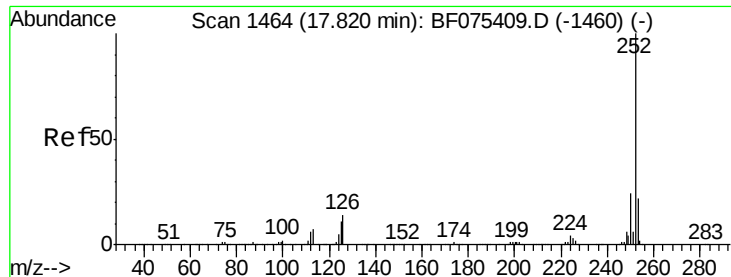
Tgt Ion: 276 Resp: 408197
 Ion Ratio Lower Upper
 276 100
 138 34.6 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.03 min
 Lab File: BF075539.D
 Acq: 15 Nov 2014 13:57

Tgt Ion: 264 Resp: 219866
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 21.1 16.3 24.5

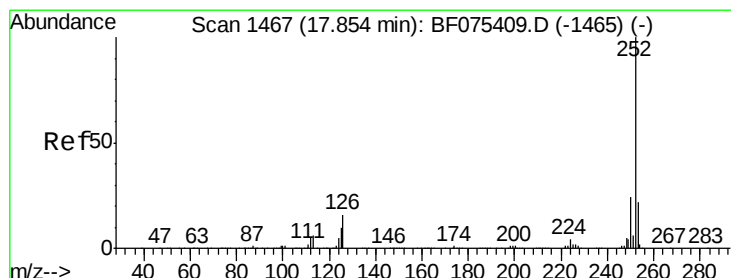
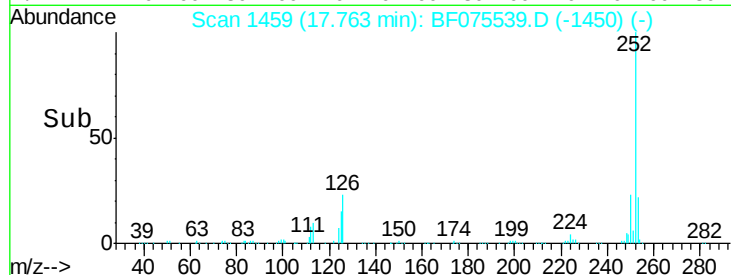
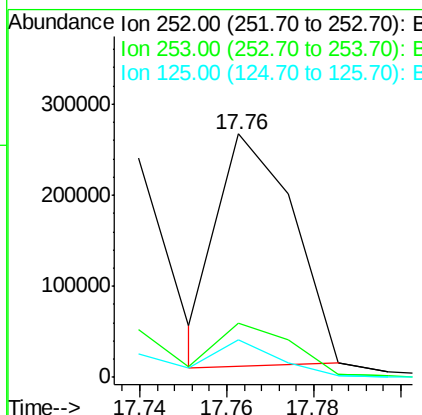
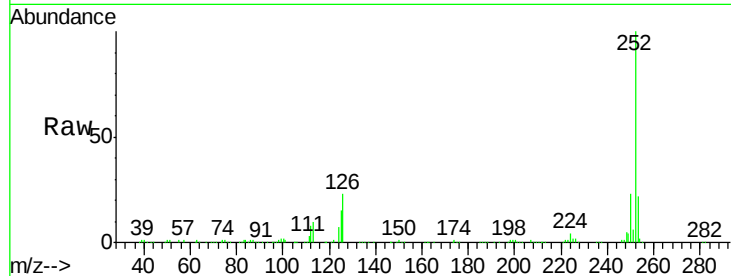




#87
Benzo(b)fluoranthene
Concen: 25.93 ng
RT: 17.76 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

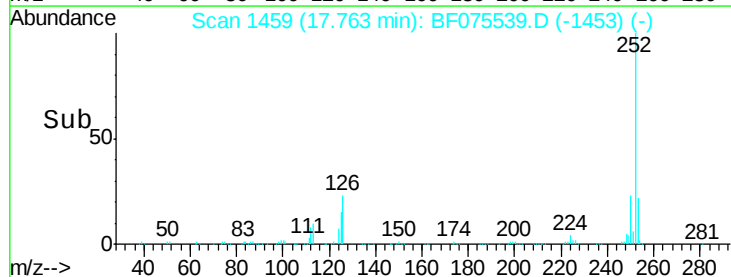
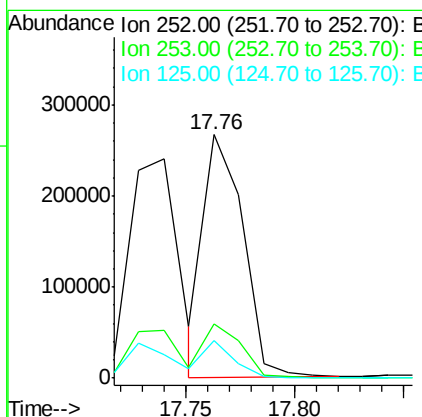
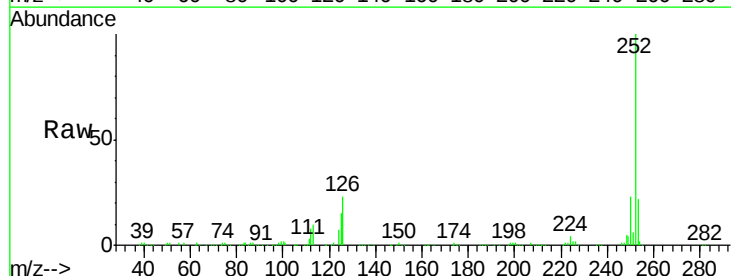
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

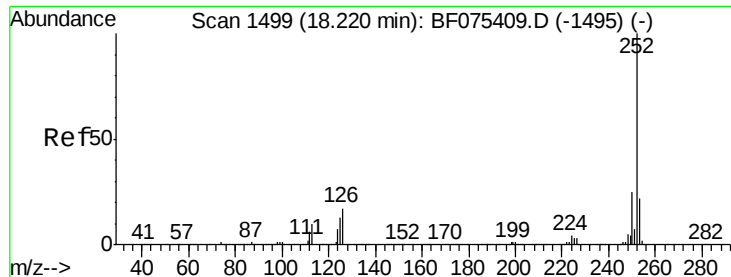
Tgt Ion:252 Resp: 304798
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 15.4 11.8 17.6



#88
Benzo(k)fluoranthene
Concen: 31.52 ng
RT: 17.76 min Scan# 1459
Delta R.T. -0.03 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion:252 Resp: 332565
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 15.4 11.6 17.4

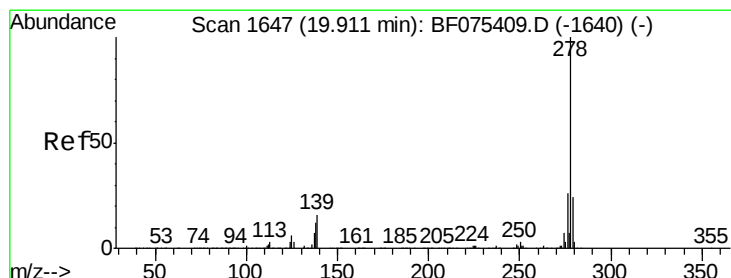
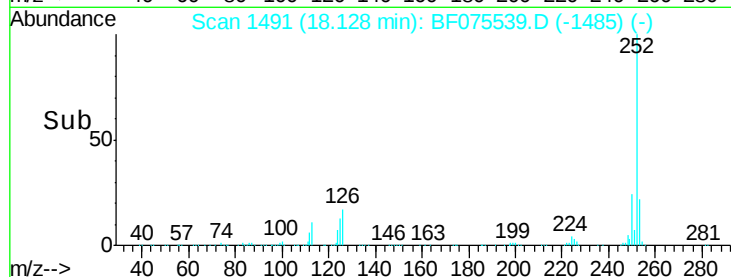
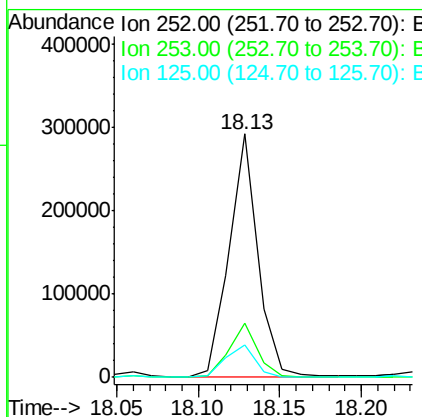
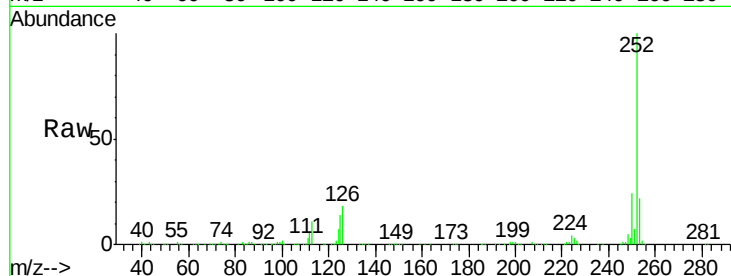




#89
Benzo(a)pyrene
Concen: 33.84 ng
RT: 18.13 min Scan# 1491
Delta R.T. -0.03 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

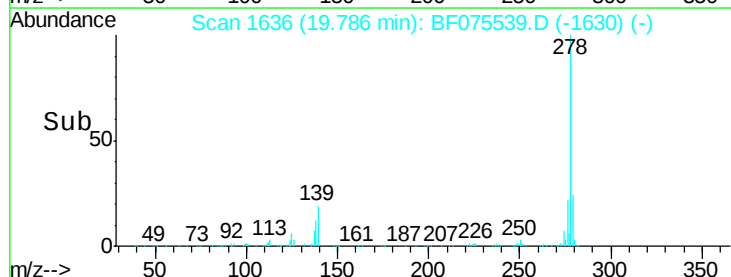
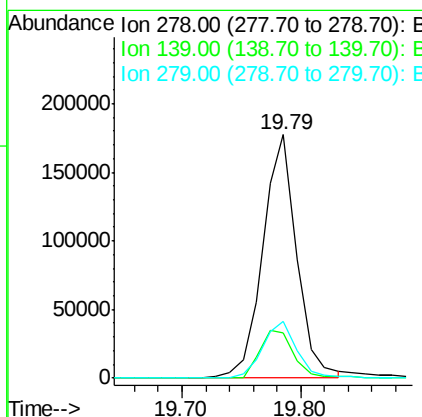
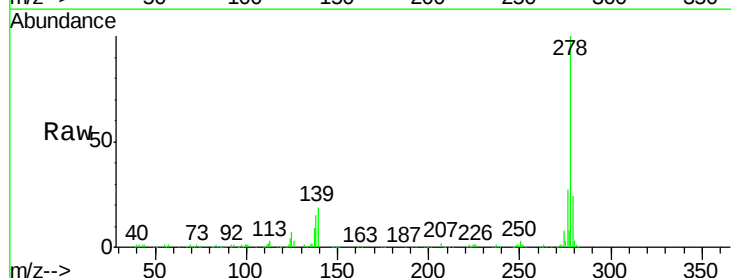
Instrument :
BNA_F
ClientSampleId :
SB-05(36-38)-111014MSD

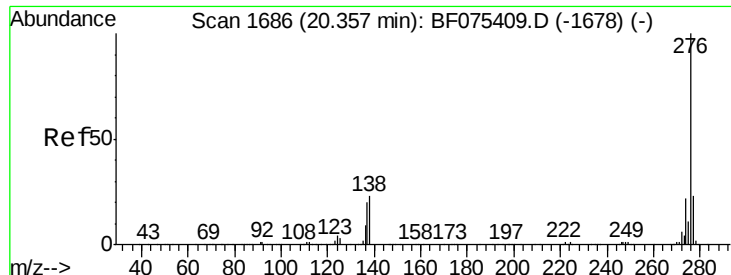
Tgt Ion: 252 Resp: 355934
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.5 12.2 18.4



#90
Dibenzo(a,h)anthracene
Concen: 32.09 ng
RT: 19.79 min Scan# 1636
Delta R.T. -0.03 min
Lab File: BF075539.D
Acq: 15 Nov 2014 13:57

Tgt Ion: 278 Resp: 352512
Ion Ratio Lower Upper
278 100
139 18.7 13.6 20.4
279 23.5 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 33.24 ng

RT: 20.22 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF075539.D

Acq: 15 Nov 2014 13:57

Instrument :

BNA_F

ClientSampleId :

SB-05(36-38)-111014MSD

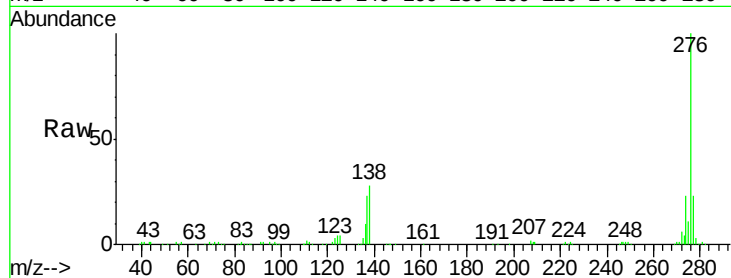
Tgt Ion: 276 Resp: 347889

Ion Ratio Lower Upper

276 100

277 22.6 17.8 26.8

138 28.1 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

