

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075544.D
 Acq On : 15 Nov 2014 16:18
 Operator : TP / JJ
 Sample : F4648-01MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Quant Time: Nov 16 02:40:26 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	39908	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	173618	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	86578	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	147715	20.00	ng	0.00
75) Chrysene-d12	16.46	240	163449	20.00	ng	0.00
86) Perylene-d12	18.23	264	180651	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	444451	196.75	ng	0.01
7) Phenol-d6	7.10	99	545927	200.96	ng	0.01
23) Nitrobenzene-d5	8.24	82	316865	133.81	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	136358	188.04	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	605502	126.38	ng	0.00
78) Terphenyl-d14	15.16	244	647425	106.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	53835	56.77	ng	96
3) Pyridine	3.28	79	64751	25.41	ng	94
4) n-Nitrosodimethylamine	3.18	42	73590	54.56	ng	# 80
6) Aniline	7.14	93	92003	23.45	ng	94
8) 2-Chlorophenol	7.28	128	154558	59.11	ng	91
9) Benzaldehyde	7.00	77	9484	5.19	ng	96
10) Phenol	7.12	94	213527	64.43	ng	82
11) bis(2-Chloroethyl)ether	7.24	93	157074	62.58	ng	86
12) 1,3-Dichlorobenzene	7.48	146	163892	57.52	ng	97
13) 1,4-Dichlorobenzene	7.57	146	162260	55.98	ng	98
14) 1,2-Dichlorobenzene	7.76	146	156724	57.66	ng	# 92
15) Benzyl Alcohol	7.73	79	129074	60.53	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.91	45	307609	59.20	ng	94
17) 2-Methylphenol	7.86	107	123681	57.14	ng	97
18) Hexachloroethane	8.17	117	57971	58.32	ng	97
19) n-Nitroso-di-n-propylamine	8.06	70	106950	57.78	ng	96
20) 3+4-Methylphenols	8.06	107	161451	56.97	ng	96
22) Acetophenone	8.06	105	228318	60.96	ng	# 92
24) Nitrobenzene	8.26	77	174036	63.42	ng	97
25) Isophorone	8.56	82	310889	57.50	ng	97
26) 2-Nitrophenol	8.65	139	73918	59.11	ng	97
27) 2,4-Dimethylphenol	8.71	122	128055	52.84	ng	97
28) bis(2-Chloroethoxy)methane	8.84	93	194576	59.05	ng	99
29) 2,4-Dichlorophenol	8.96	162	122920	57.89	ng	94
30) 1,2,4-Trichlorobenzene	9.06	180	124050	55.64	ng	97
31) Naphthalene	9.16	128	460483	59.49	ng	100
32) Benzoic acid	8.78	122	26081	17.81	ng	99
33) 4-Chloroaniline	9.22	127	68288	20.30	ng	93
34) Hexachlorobutadiene	9.32	225	60949	50.59	ng	98
35) Caprolactam	9.64	113	43547	61.89	ng	96
36) 4-Chloro-3-methylphenol	9.83	107	139871	60.04	ng	96
37) 2-Methylnaphthalene	10.01	142	307141	58.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	113046	63.52	ng	97
40) Hexachlorocyclopentadiene	10.21	237	118917	110.00	ng	99

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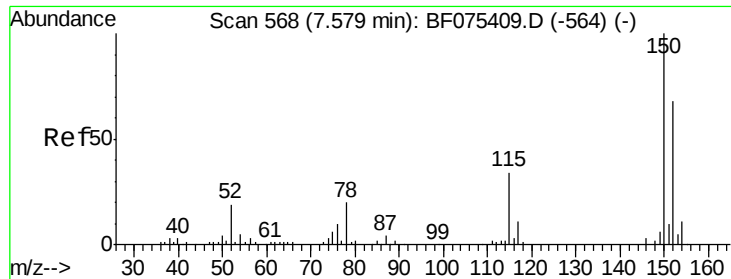
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	10.37	196	83178	58.77	ng	99
43) 2,4,5-Trichlorophenol	10.41	196	88927	60.33	ng	# 94
45) 1,1'-Biphenyl	10.60	154	348053	59.60	ng	99
46) 2-Chloronaphthalene	10.62	162	290968	63.72	ng	99
47) 2-Nitroaniline	10.74	65	90937	66.19	ng	92
48) Acenaphthylene	11.13	152	468346	62.21	ng	99
49) Dimethylphthalate	10.99	163	352793	59.61	ng	100
50) 2,6-Dinitrotoluene	11.05	165	69024	59.21	ng	86
51) Acenaphthene	11.35	154	300022	66.02	ng	98
52) 3-Nitroaniline	11.26	138	61992	45.10	ng	# 92
53) 2,4-Dinitrophenol	11.39	184	54648	82.52	ng	85
54) Dibenzofuran	11.57	168	391589	60.29	ng	94
55) 4-Nitrophenol	11.47	139	141798	129.05	ng	88
56) 2,4-Dinitrotoluene	11.56	165	100386	65.55	ng	95
57) Fluorene	11.99	166	323343	61.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	70906	60.61	ng	# 98
59) Diethylphthalate	11.87	149	332004	54.06	ng	97
60) 4-Chlorophenyl-phenylether	12.00	204	134565	59.58	ng	89
61) 4-Nitroaniline	12.01	138	76947	56.00	ng	88
62) Azobenzene	12.20	77	313167	57.96	ng	90
64) 4,6-Dinitro-2-methylphenol	12.05	198	40872	54.71	ng	# 47
65) n-Nitrosodiphenylamine	12.15	169	270302	57.85	ng	99
66) 4-Bromophenyl-phenylether	12.61	248	79779	57.41	ng	# 85
67) Hexachlorobenzene	12.68	284	93566	59.29	ng	# 83
68) Atrazine	12.81	200	79938	55.13	ng	99
69) Pentachlorophenol	12.92	266	108291	109.33	ng	97
70) Phenanthrene	13.19	178	488685	62.86	ng	99
71) Anthracene	13.26	178	494411	61.53	ng	99
72) Carbazole	13.45	167	486831	61.92	ng	98
73) Di-n-butylphthalate	13.90	149	550996	50.73	ng	99
74) Fluoranthene	14.68	202	531260	63.80	ng	91
76) Benzidine	14.85	184	154659	29.76	ng	99
77) Pyrene	14.95	202	559388	58.87	ng	99
79) Butylbenzylphthalate	15.76	149	265637	49.78	ng	# 77
80) Benzo(a)anthracene	16.45	228	524714	61.11	ng	99
81) 3,3'-Dichlorobenzidine	16.43	252	143630	45.30	ng	# 93
82) Chrysene	16.49	228	470894	63.41	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	382349	45.49	ng	# 97
84) Di-n-octyl phthalate	17.29	149	709498	47.95	ng	98
85) Indeno(1,2,3-cd)pyrene	19.81	276	624544	69.32	ng	# 100
87) Benzo(b)fluoranthene	17.77	252	566950	58.70	ng	# 95
88) Benzo(k)fluoranthene	17.81	252	526573	60.75	ng	# 94
89) Benzo(a)pyrene	18.17	252	547445	63.34	ng	# 95
90) Dibenzo(a,h)anthracene	19.83	278	556889	61.70	ng	# 94
91) Benzo(g,h,i)perylene	20.28	276	558255	64.92	ng	97

(#) = 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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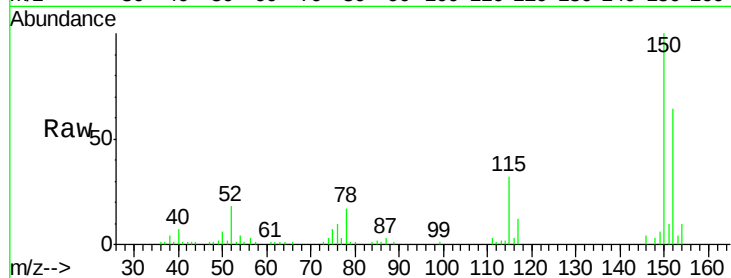
Tgt Ion:152 Resp: 39908

Ion Ratio Lower Upper

152 100

150 157.0 127.2 190.8

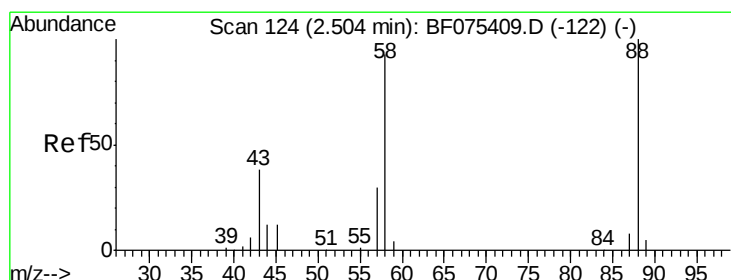
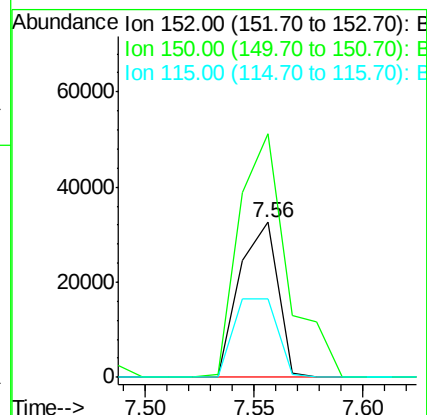
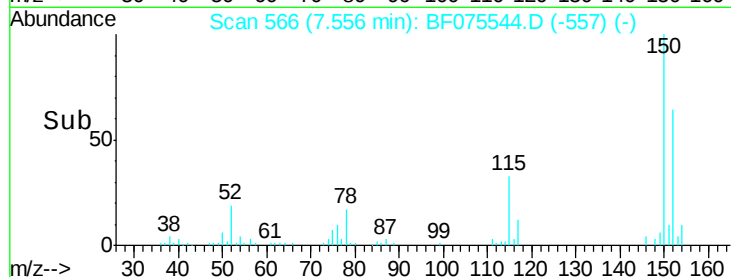
115 50.7 57.1 85.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 56.77 ng

RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

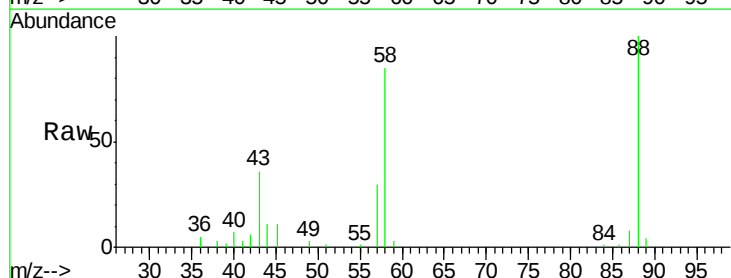
Tgt Ion: 88 Resp: 53835

Ion Ratio Lower Upper

88 100

58 89.3 73.5 110.3

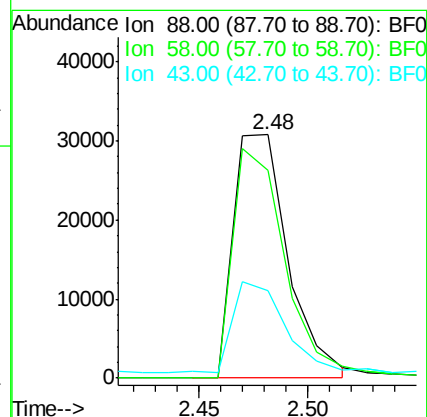
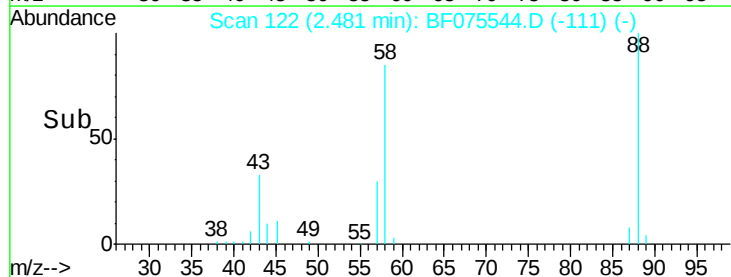
43 36.1 31.9 47.9

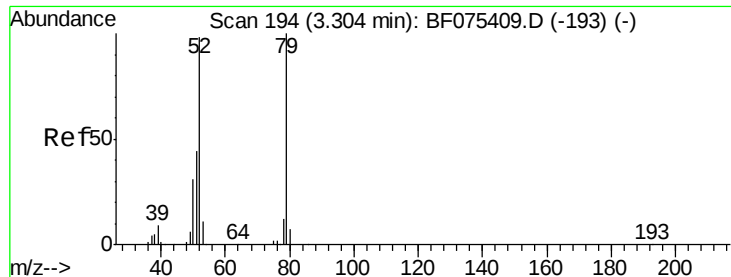


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.41 ng

RT: 3.28 min Scan# 192

Delta R.T. 0.03 min

Lab File: BF075544.D

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REC-2-1(1.5-2.0)MS

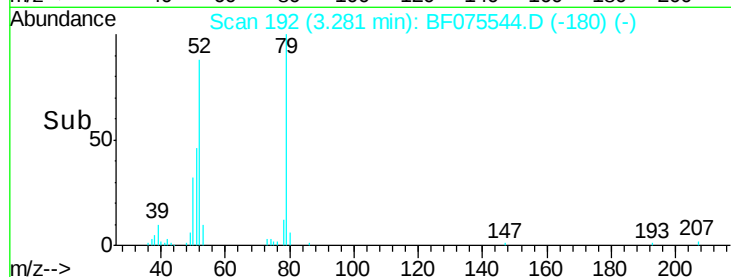
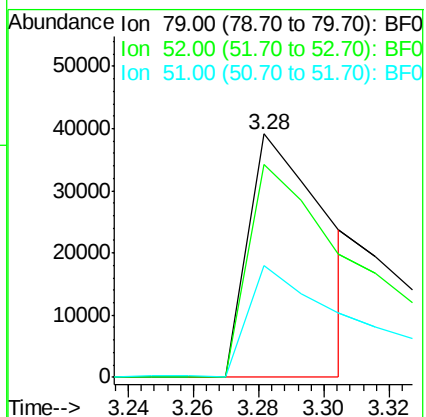
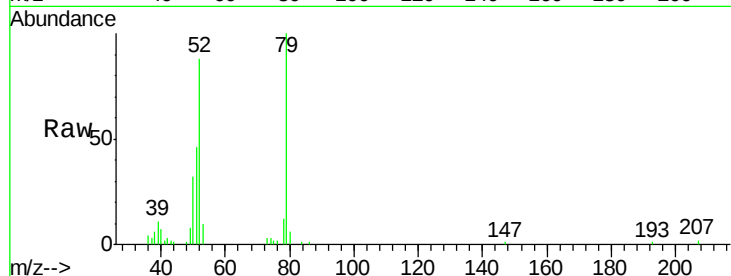
Tgt Ion: 79 Resp: 64751

Ion Ratio Lower Upper

79 100

52 87.6 76.6 115.0

51 45.8 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 54.56 ng

RT: 3.18 min Scan# 183

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

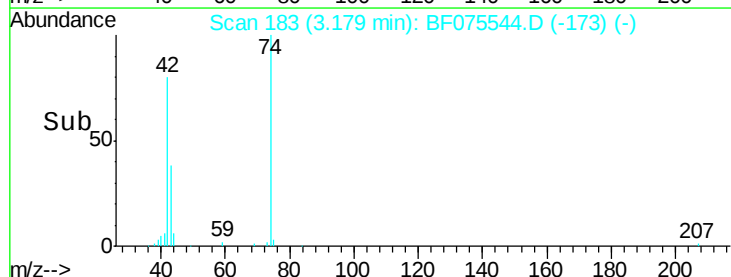
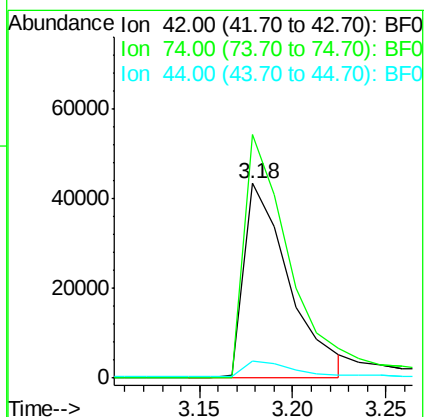
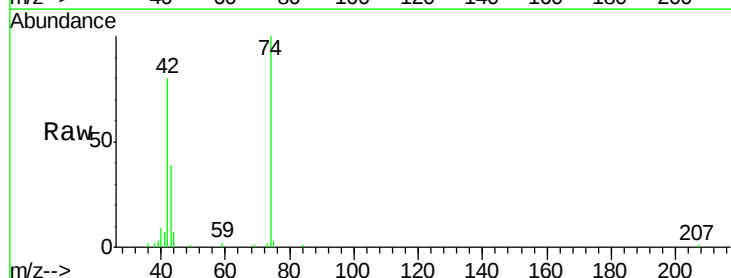
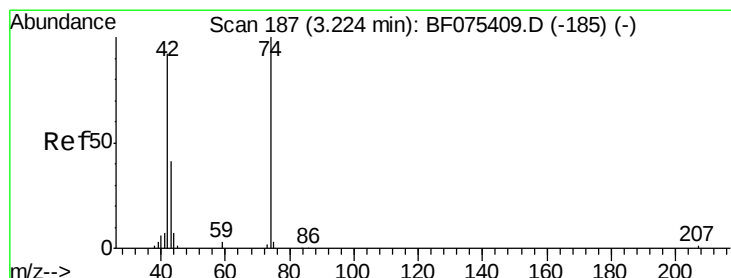
Tgt Ion: 42 Resp: 73590

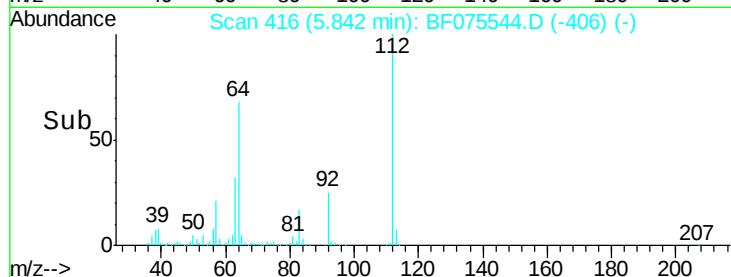
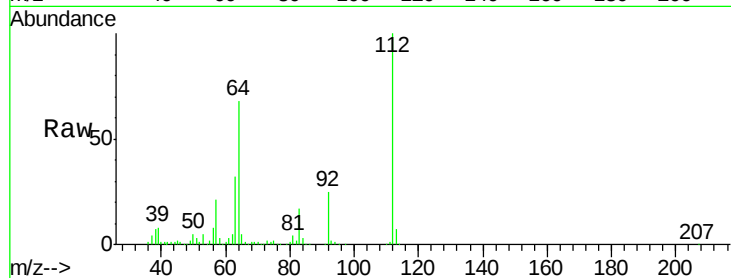
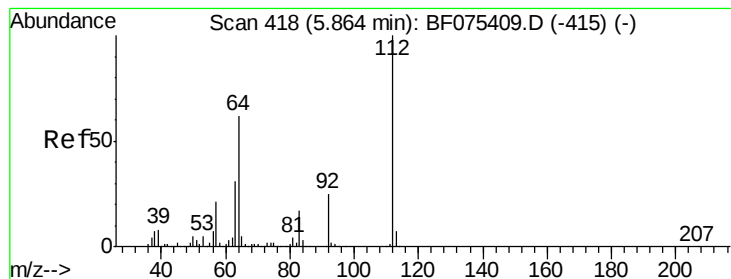
Ion Ratio Lower Upper

42 100

74 125.0 82.4 123.6#

44 8.6 8.2 12.4





#5

2-Fluorophenol

Concen: 196.75 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

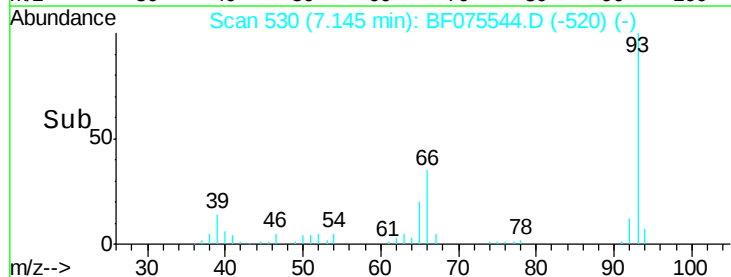
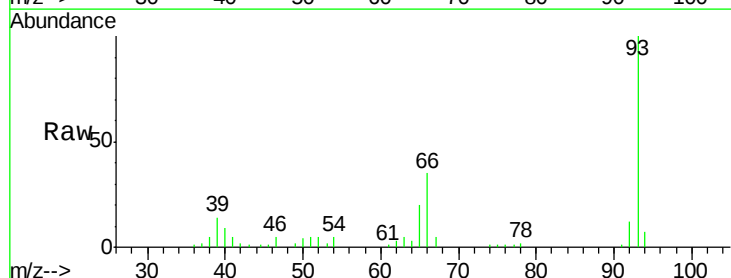
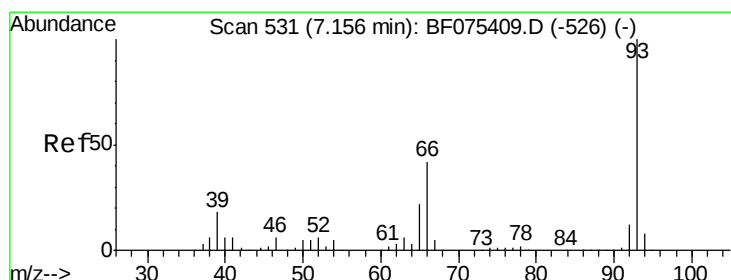
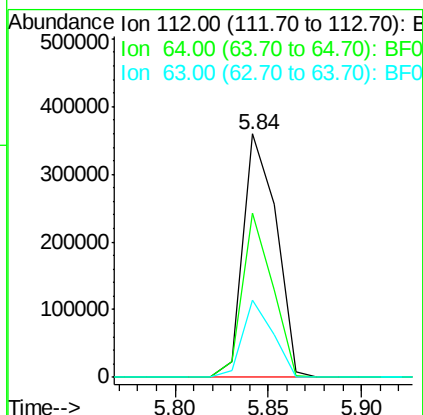
Tgt Ion: 112 Resp: 444451

Ion Ratio Lower Upper

112 100

64 67.5 45.8 68.6

63 31.9 22.7 34.1



#6

Aniline

Concen: 23.45 ng

RT: 7.14 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

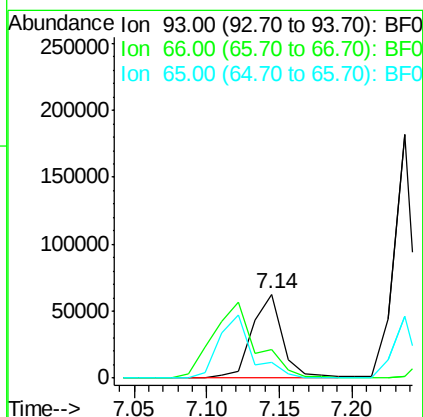
Tgt Ion: 93 Resp: 92003

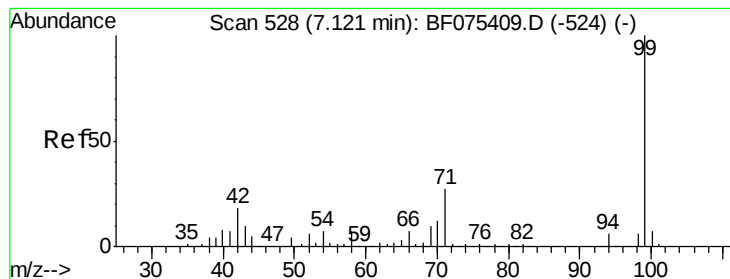
Ion Ratio Lower Upper

93 100

66 34.7 31.8 47.8

65 19.6 16.6 25.0





#7

Phenol-d6

Concen: 200.96 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

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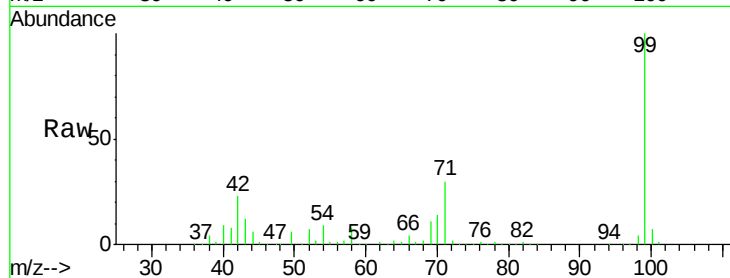
Tgt Ion: 99 Resp: 545927

Ion Ratio Lower Upper

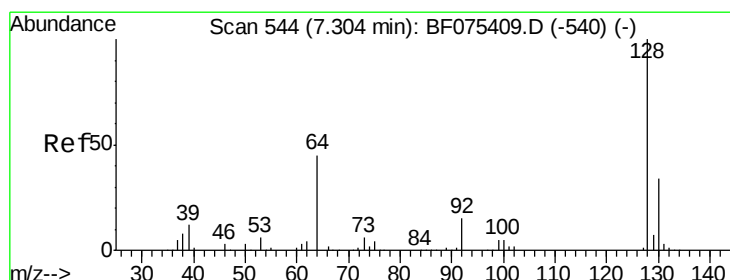
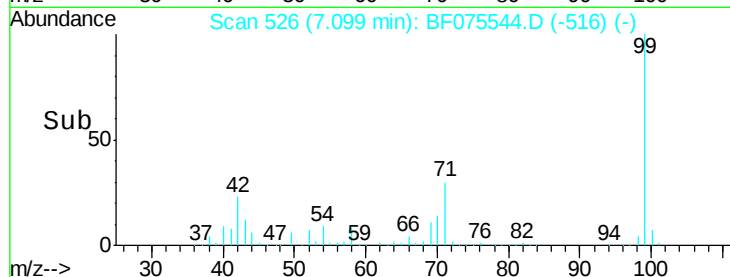
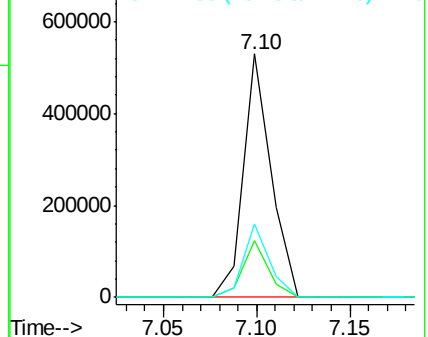
99 100

42 23.3 19.8 29.6

71 30.3 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: 59.11 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

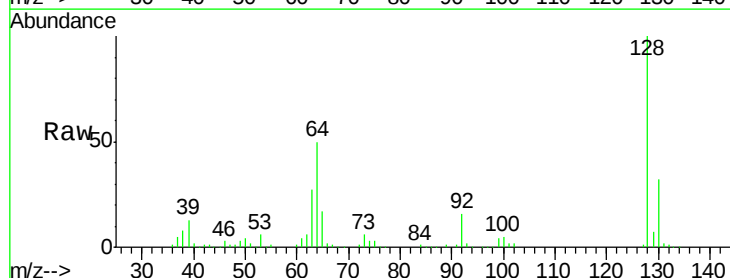
Tgt Ion: 128 Resp: 154558

Ion Ratio Lower Upper

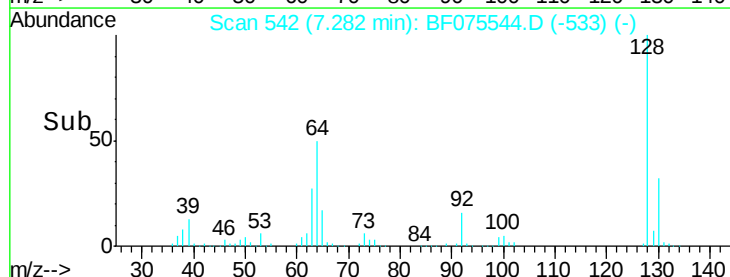
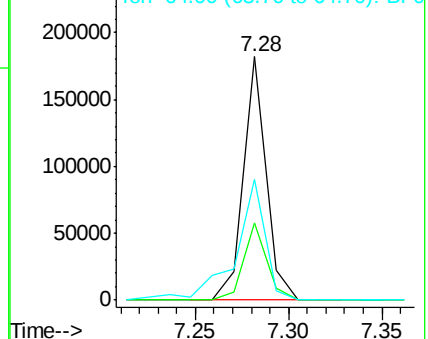
128 100

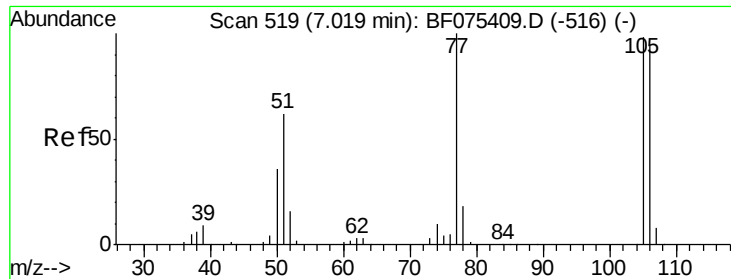
130 31.7 12.7 52.7

64 49.8 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: 5.19 ng

RT: 7.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

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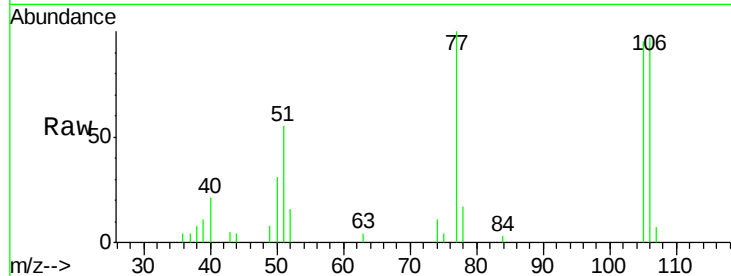
Tgt Ion: 77 Resp: 9484

Ion Ratio Lower Upper

77 100

105 94.9 81.6 121.6

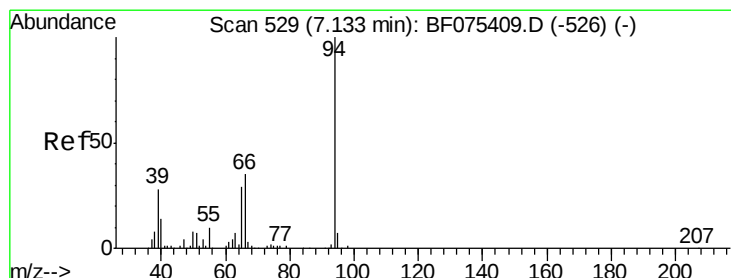
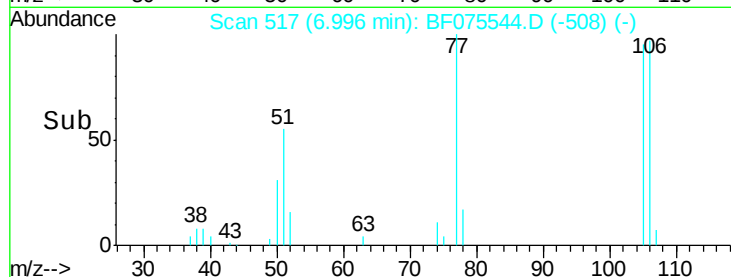
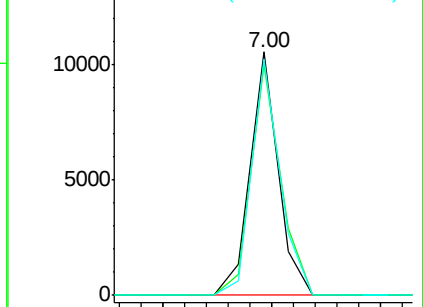
106 97.2 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 64.43 ng

RT: 7.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

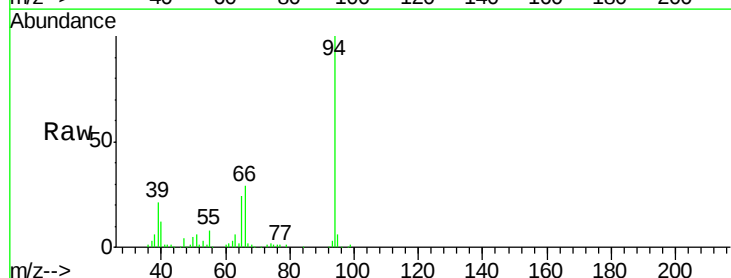
Tgt Ion: 94 Resp: 213527

Ion Ratio Lower Upper

94 100

65 23.7 13.1 53.1

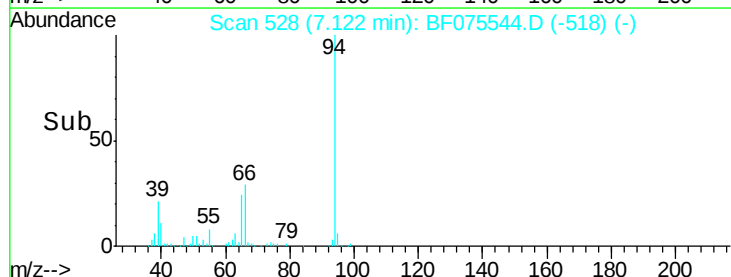
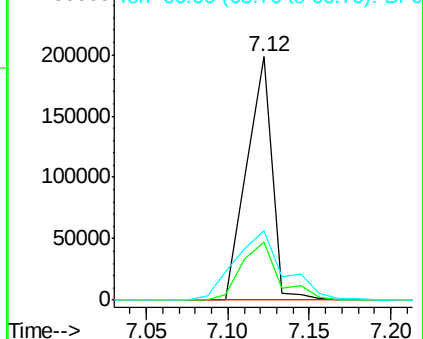
66 28.6 20.8 60.8

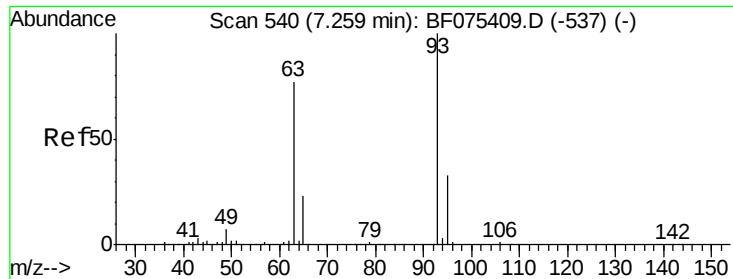


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 62.58 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

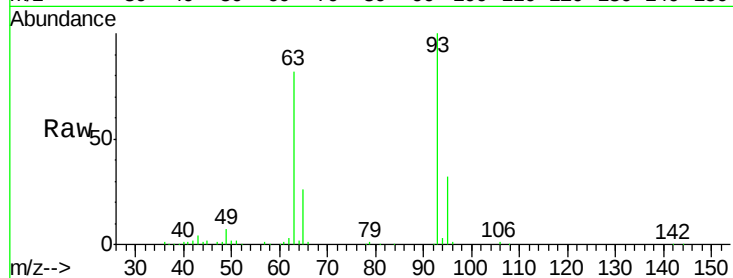
Tgt Ion: 93 Resp: 157074

Ion Ratio Lower Upper

93 100

63 82.3 79.8 119.8

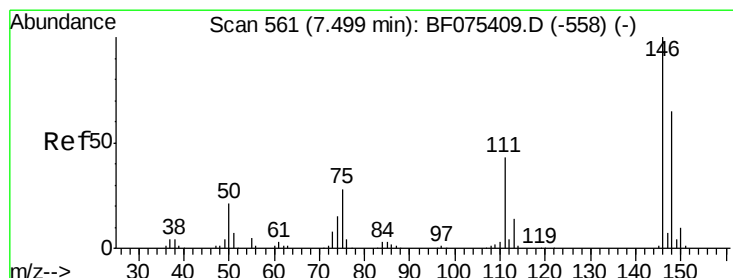
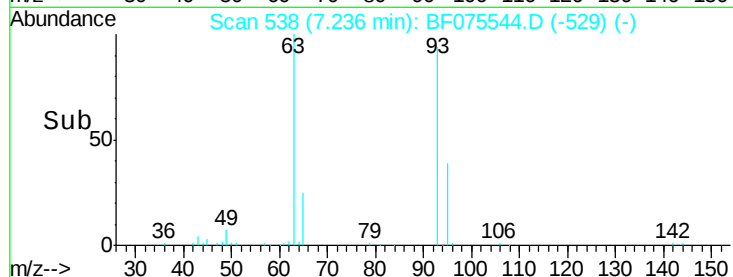
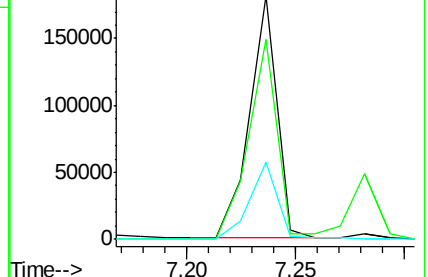
95 31.9 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BF075409.D (-537) (-)

Ion 63.00 (62.70 to 63.70): BF075409.D (-537) (-)

Ion 95.00 (94.70 to 95.70): BF075409.D (-537) (-)



#12

1,3-Dichlorobenzene

Concen: 57.52 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

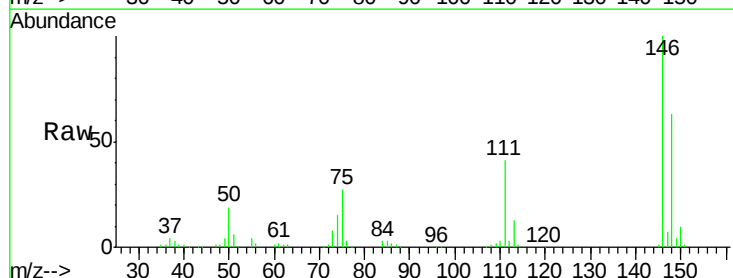
Tgt Ion: 146 Resp: 163892

Ion Ratio Lower Upper

146 100

148 63.1 53.1 79.7

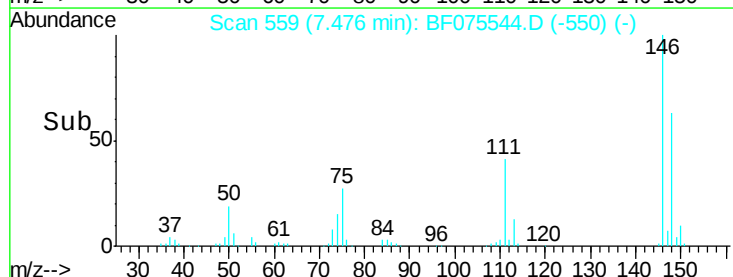
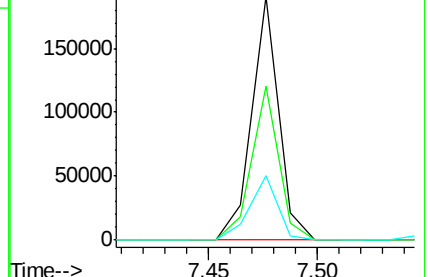
75 26.7 21.5 32.3

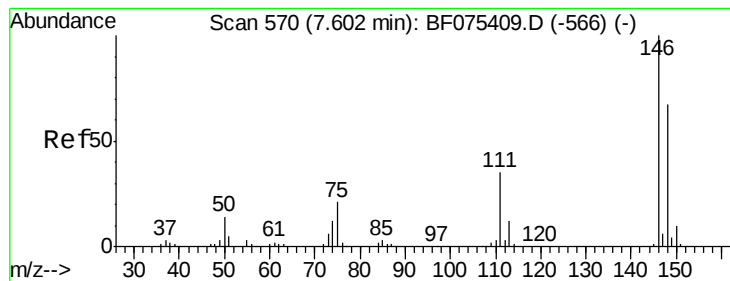


Abundance Ion 146.00 (145.70 to 146.70): BF075409.D (-558) (-)

Ion 148.00 (147.70 to 148.70): BF075409.D (-558) (-)

Ion 75.00 (74.70 to 75.70): BF075409.D (-558) (-)





#13

1,4-Dichlorobenzene

Concen: 55.98 ng

RT: 7.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

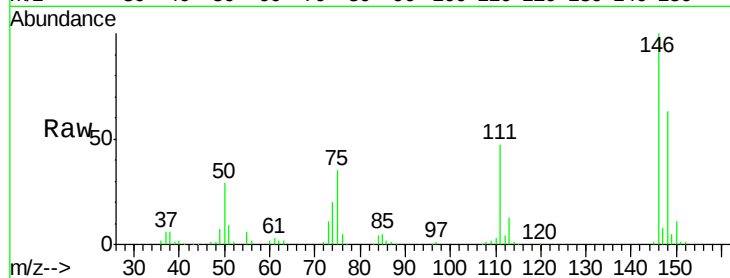
Tgt Ion:146 Resp: 162260

Ion Ratio Lower Upper

146 100

148 62.7 49.9 74.9

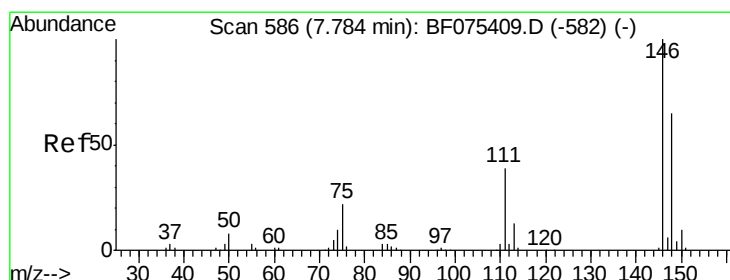
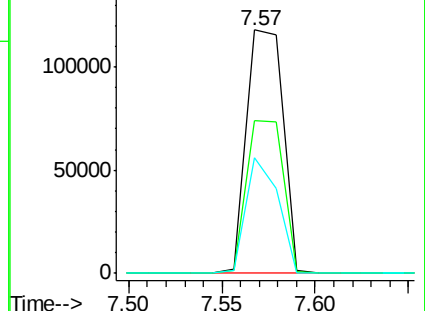
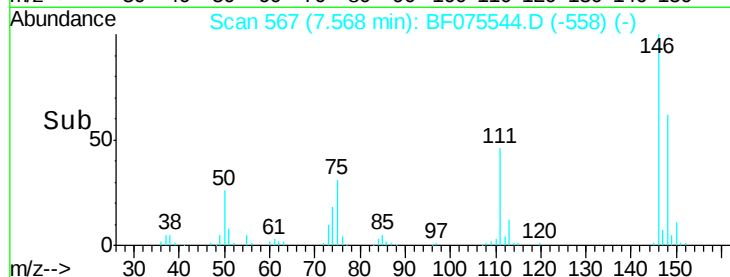
111 47.3 35.8 53.6



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: 57.66 ng

RT: 7.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

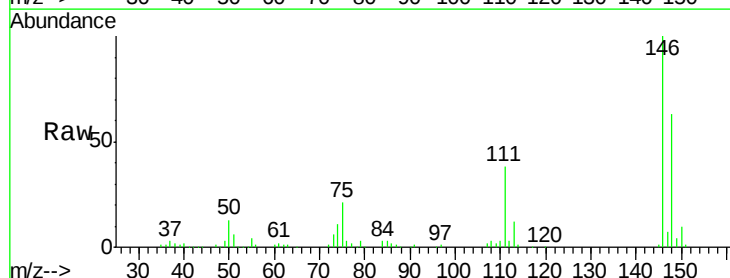
Tgt Ion:146 Resp: 156724

Ion Ratio Lower Upper

146 100

148 63.3 50.7 76.1

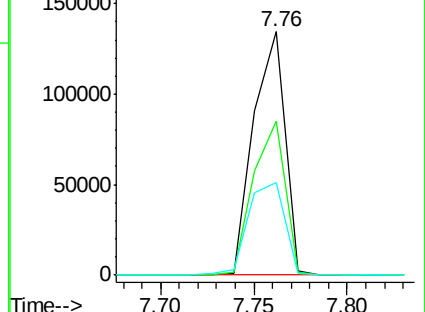
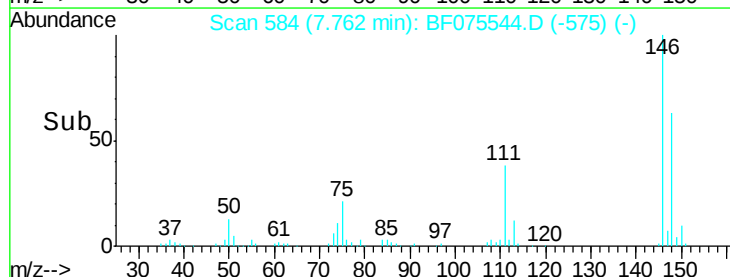
111 38.2 39.9 59.9#

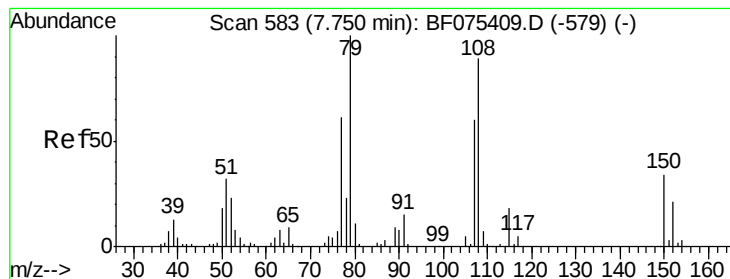


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 60.53 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

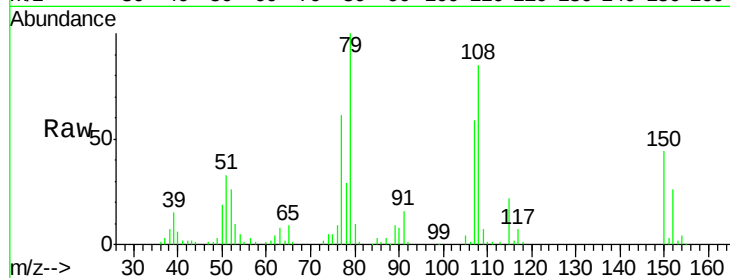
Tgt Ion: 79 Resp: 129074

Ion Ratio Lower Upper

79 100

108 85.3 75.5 113.3

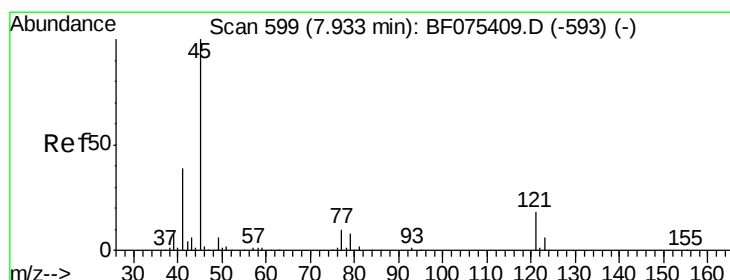
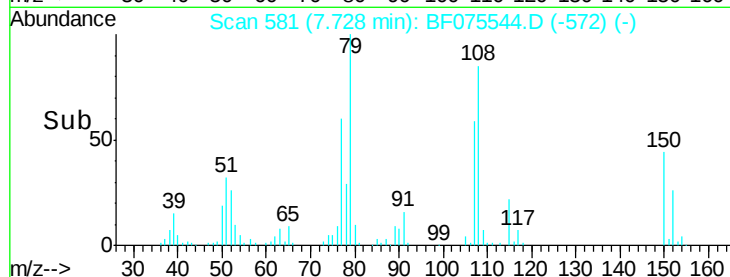
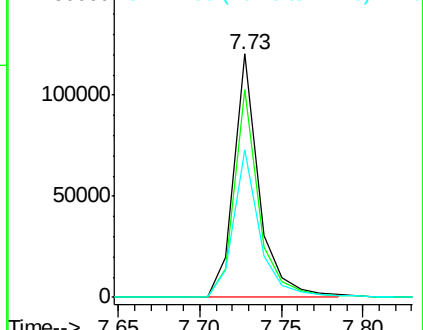
77 60.8 52.1 78.1



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: 59.20 ng

RT: 7.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

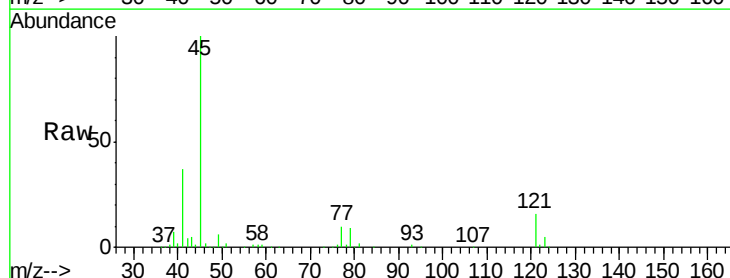
Tgt Ion: 45 Resp: 307609

Ion Ratio Lower Upper

45 100

77 10.1 0.0 28.6

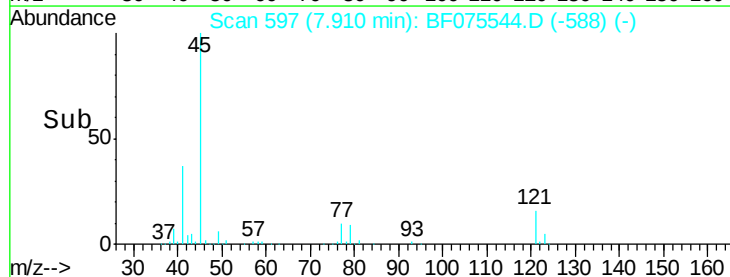
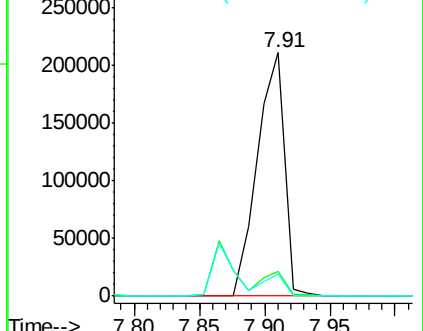
79 9.2 0.0 26.5

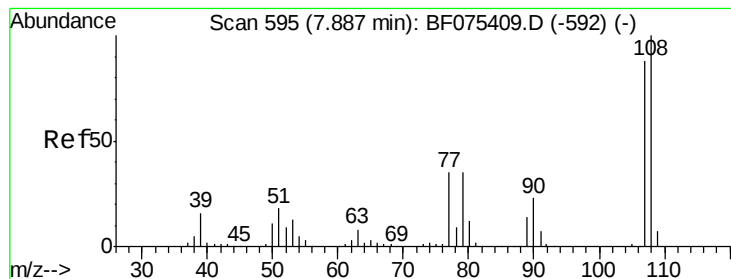


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 57.14 ng

RT: 7.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

Tgt Ion:107 Resp: 123681

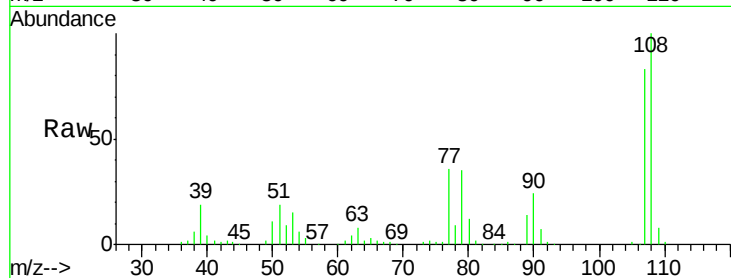
Ion Ratio Lower Upper

107 100

108 120.2 95.6 143.4

77 43.5 30.2 45.4

79 42.3 31.3 46.9

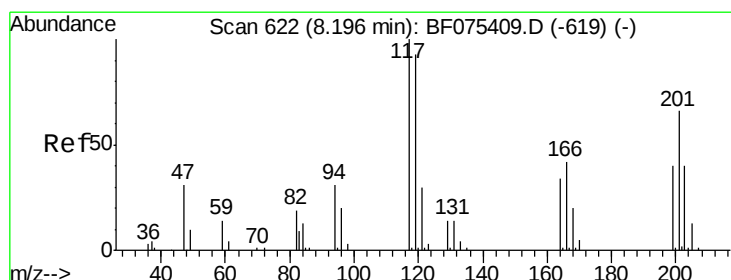
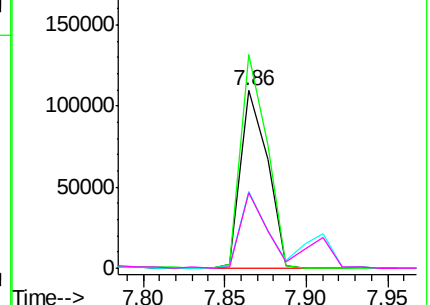
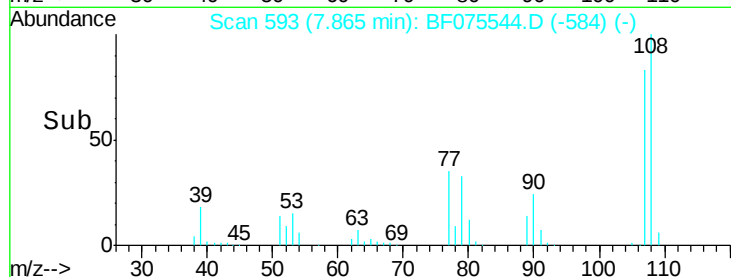


Abundance Ion 107.00 (106.70 to 107.70): E

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: 58.32 ng

RT: 8.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

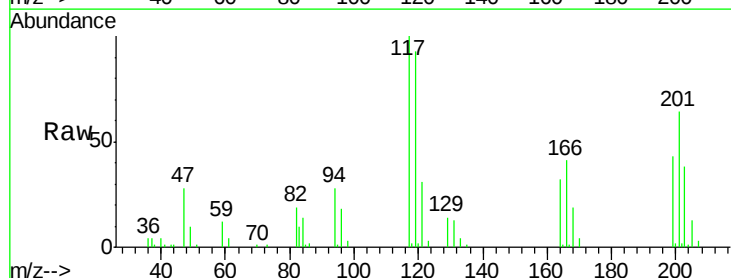
Tgt Ion:117 Resp: 57971

Ion Ratio Lower Upper

117 100

119 93.0 72.9 109.3

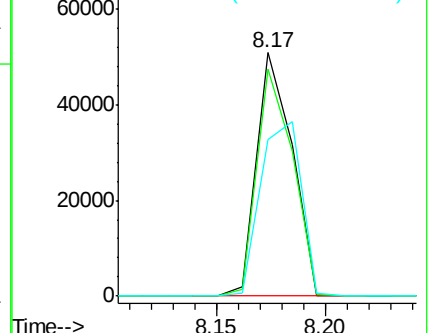
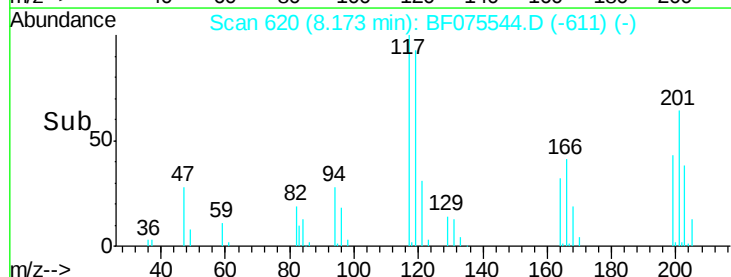
201 64.3 48.2 72.4

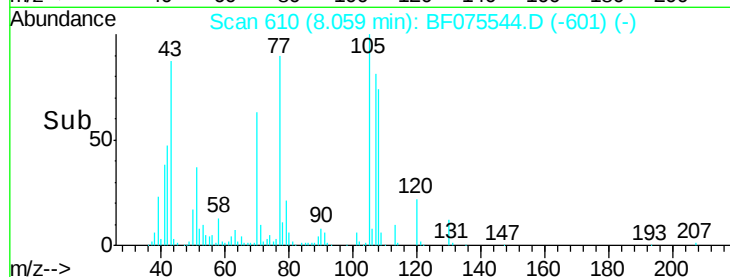
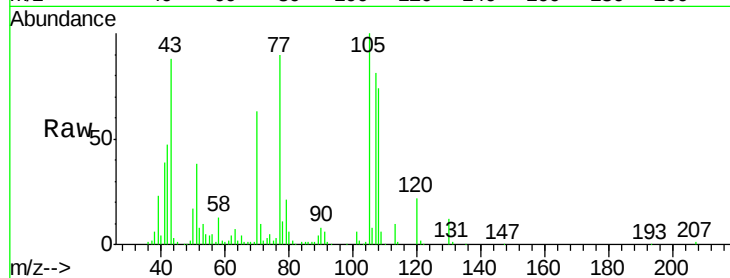
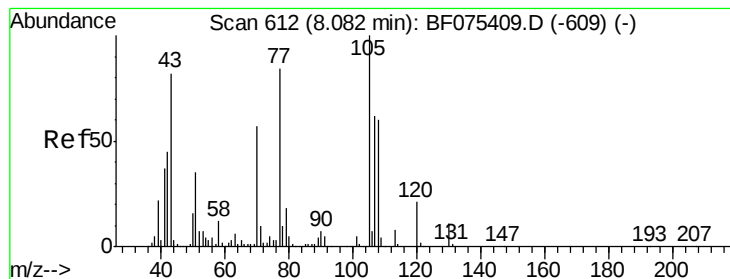


Abundance Ion 117.00 (116.70 to 117.70): E

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: 57.78 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

Tgt Ion: 70 Resp: 106950

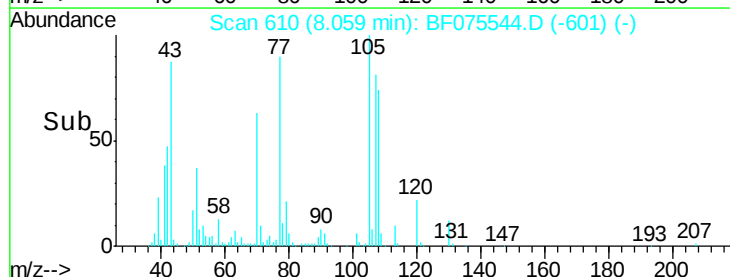
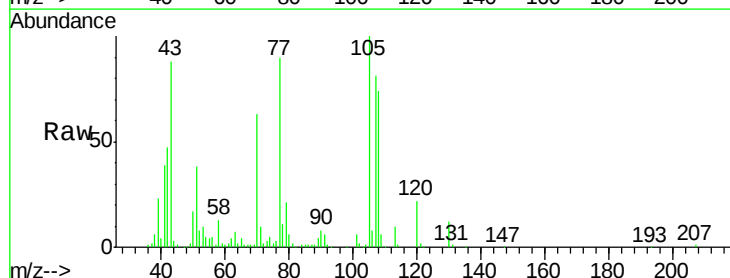
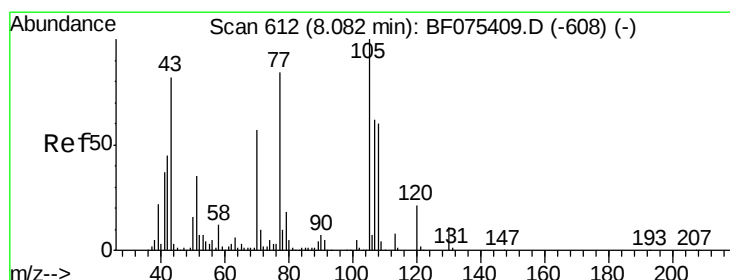
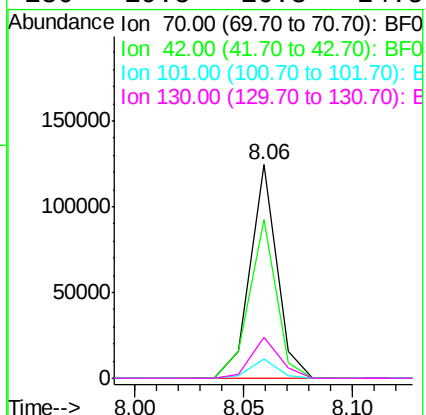
Ion Ratio Lower Upper

70 100

42 74.5 63.0 94.6

101 9.0 7.5 11.3

130 19.5 16.3 24.5



#20

3+4-Methylphenols

Concen: 56.97 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion: 107 Resp: 161451

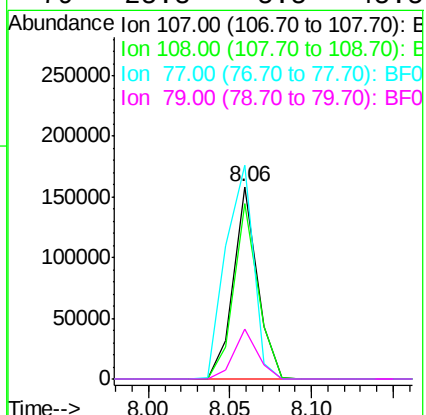
Ion Ratio Lower Upper

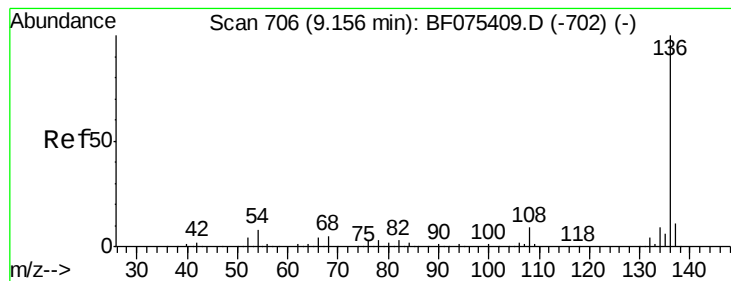
107 100

108 91.1 69.6 109.6

77 111.0 84.4 124.4

79 25.8 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: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

Tgt Ion:136 Resp: 173618

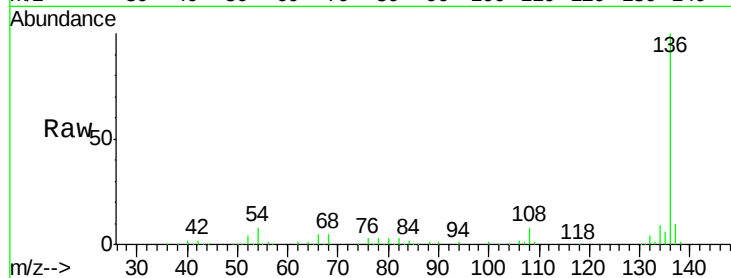
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 8.4 6.2 9.4

68 5.4 3.4 5.2#

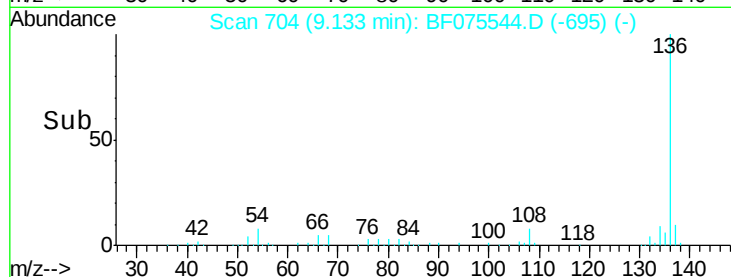


Abundance Ion 136.00 (135.70 to 136.70): E

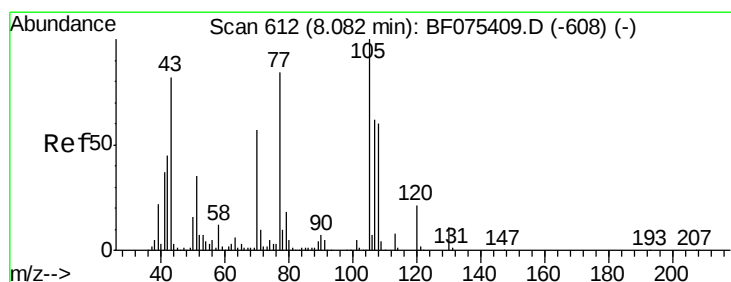
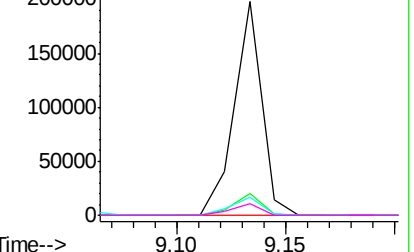
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 60.96 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion:105 Resp: 228318

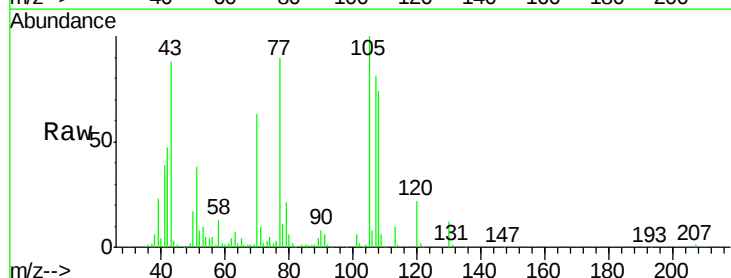
Ion Ratio Lower Upper

105 100

71 10.5 10.5 15.7

51 37.7 24.2 36.2#

120 22.1 17.5 26.3

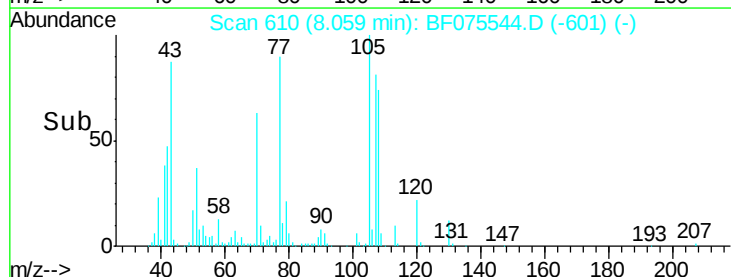


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

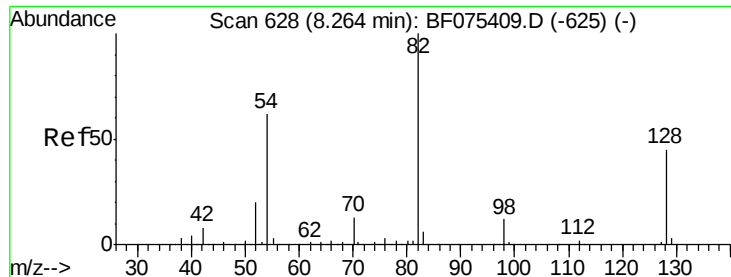
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

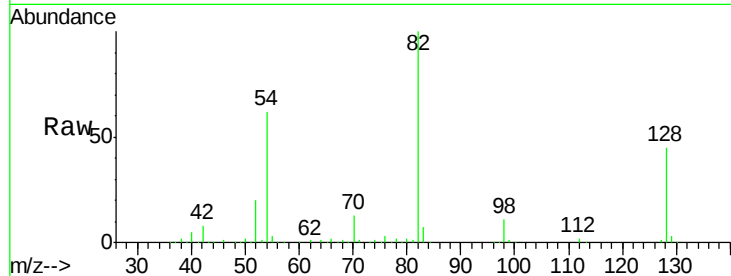




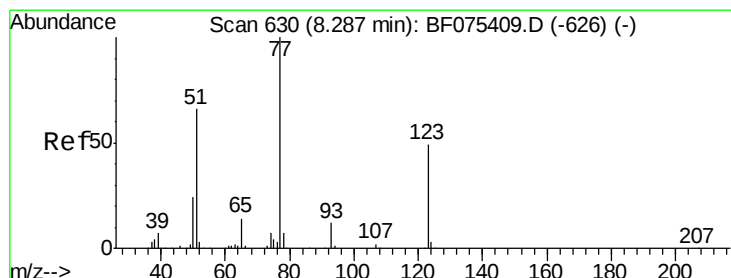
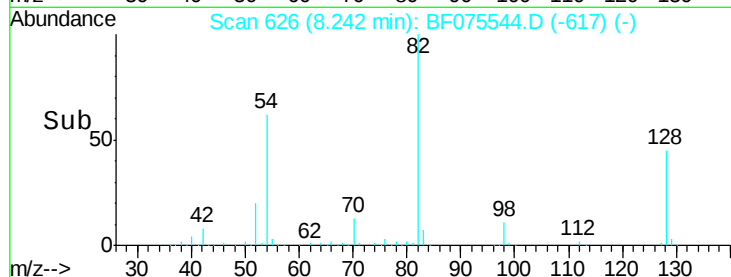
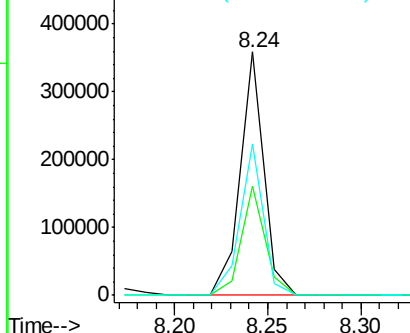
#23
 Nitrobenzene-d5
 Concen: 133.81 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion: 82 Resp: 316865
 Ion Ratio Lower Upper
 82 100
 128 45.0 37.8 56.6
 54 62.4 49.8 74.8

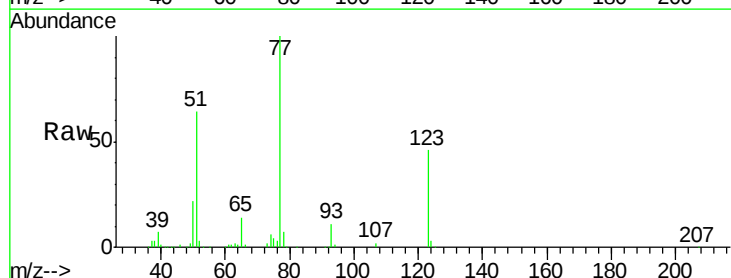


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

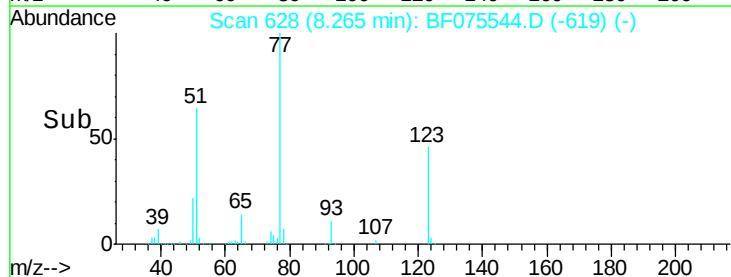
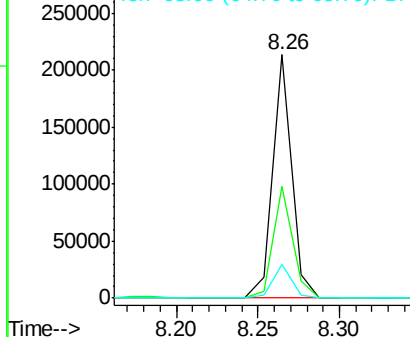


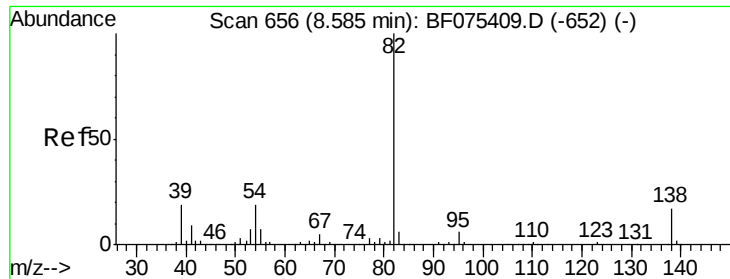
#24
 Nitrobenzene
 Concen: 63.42 ng
 RT: 8.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion: 77 Resp: 174036
 Ion Ratio Lower Upper
 77 100
 123 46.0 39.0 58.4
 65 13.9 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

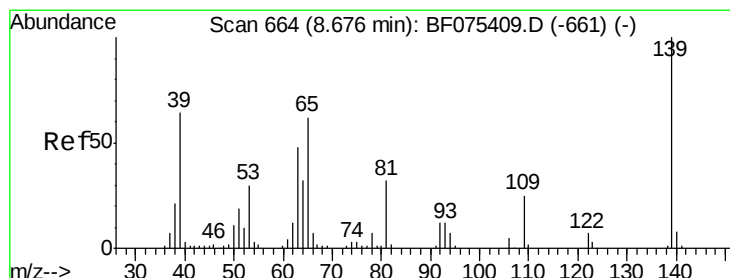
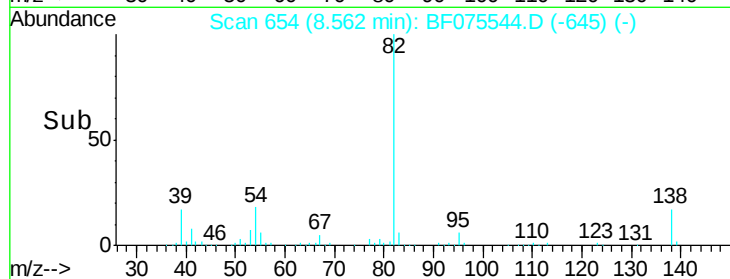
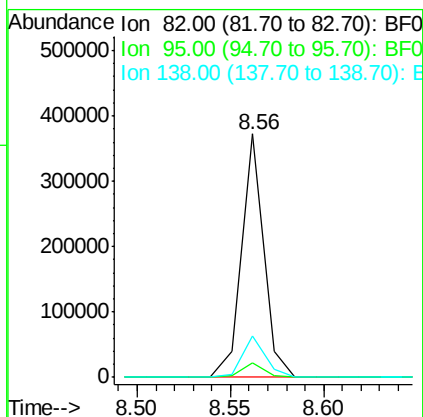
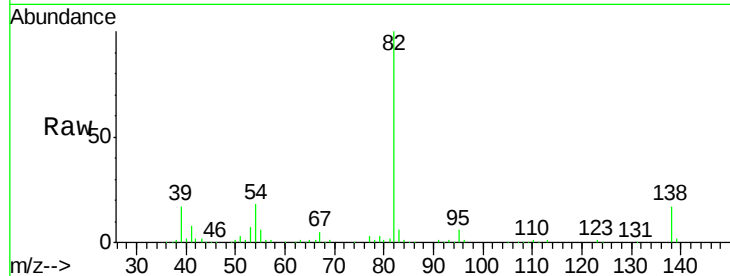




#25
Isophorone
Concen: 57.50 ng
RT: 8.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

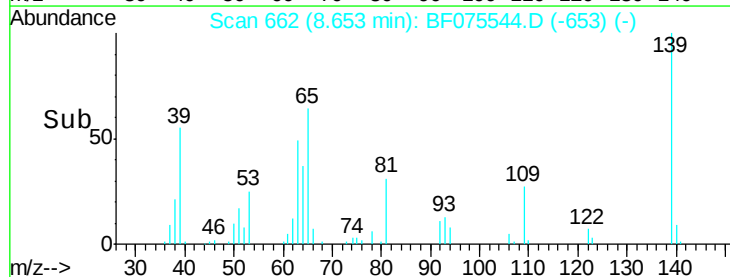
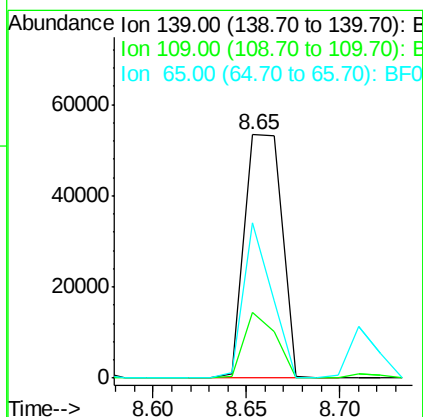
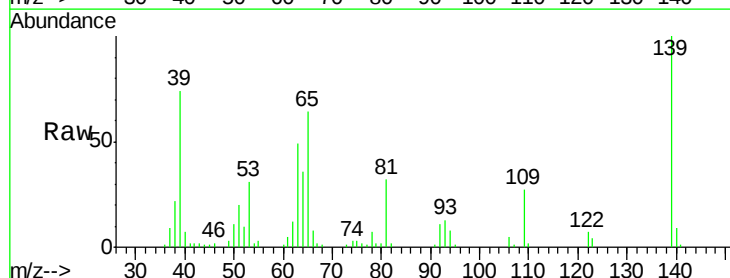
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

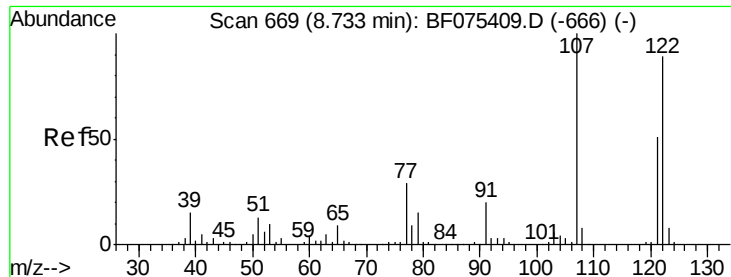
Tgt Ion: 82 Resp: 310889
Ion Ratio Lower Upper
82 100
95 5.8 5.2 7.8
138 17.1 15.0 22.6



#26
2-Nitrophenol
Concen: 59.11 ng
RT: 8.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion: 139 Resp: 73918
Ion Ratio Lower Upper
139 100
109 26.9 22.3 33.5
65 63.8 49.1 73.7

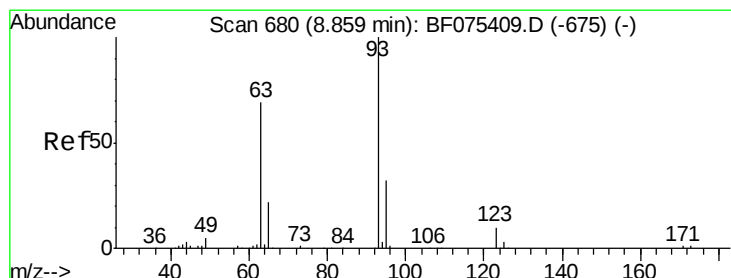
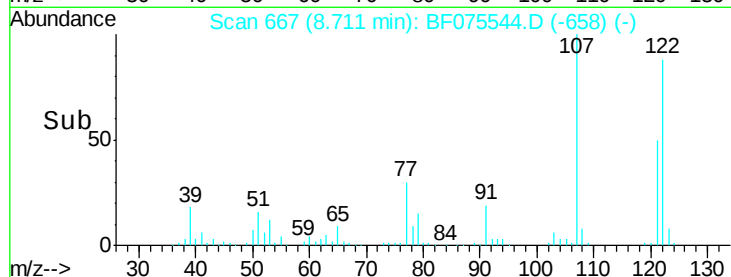
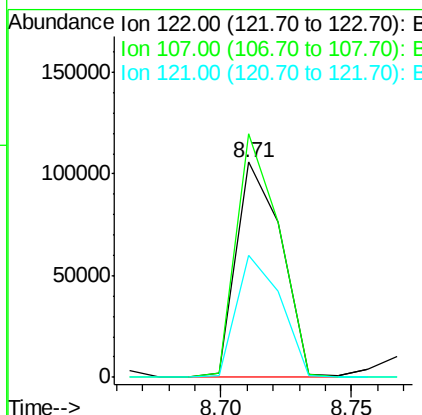
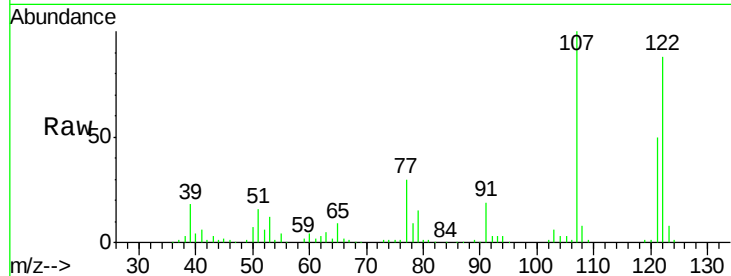




#27
 2,4-Dimethylphenol
 Concen: 52.84 ng
 RT: 8.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

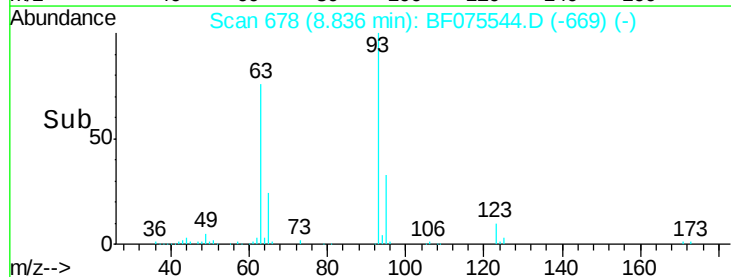
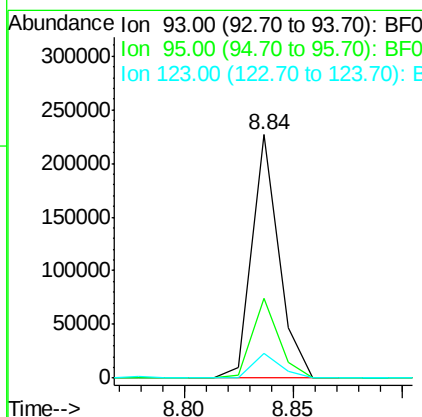
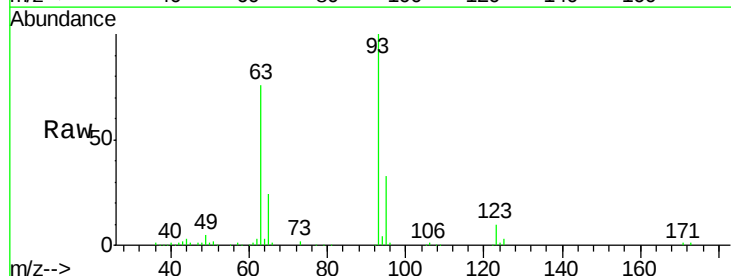
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

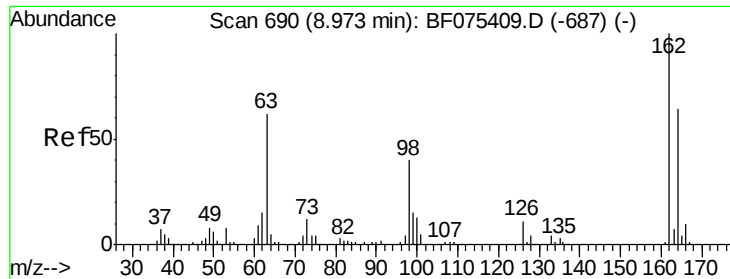
Tgt Ion: 122 Resp: 128055
 Ion Ratio Lower Upper
 122 100
 107 113.1 86.5 129.7
 121 56.7 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.05 ng
 RT: 8.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion: 93 Resp: 194576
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 10.0 8.8 13.2

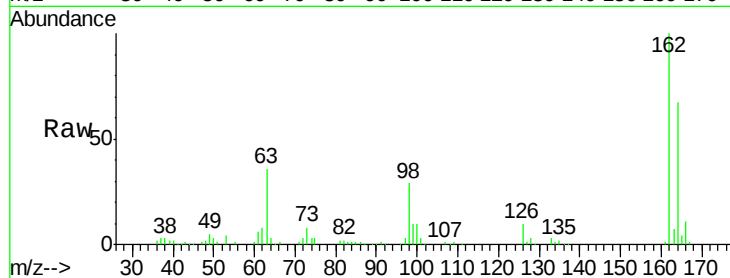




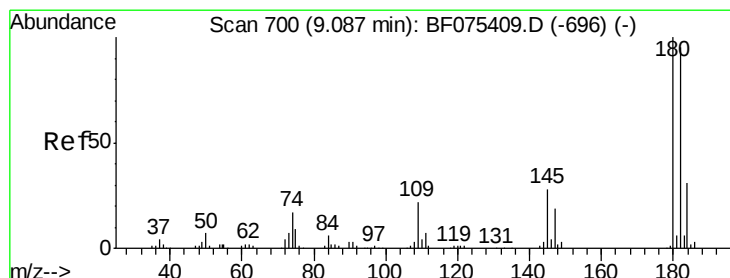
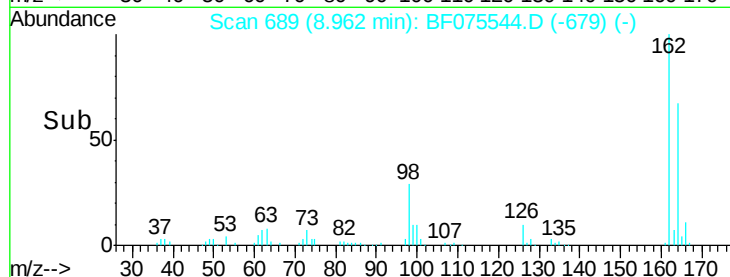
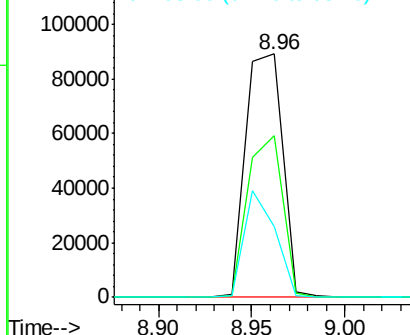
#29
2,4-Dichlorophenol
Concen: 57.89 ng
RT: 8.96 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	43.8	83.8
98	28.9	14.6	54.6

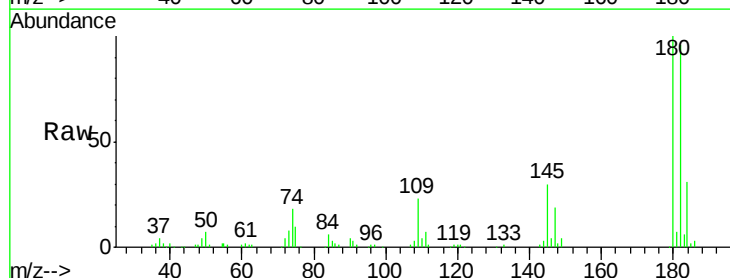


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

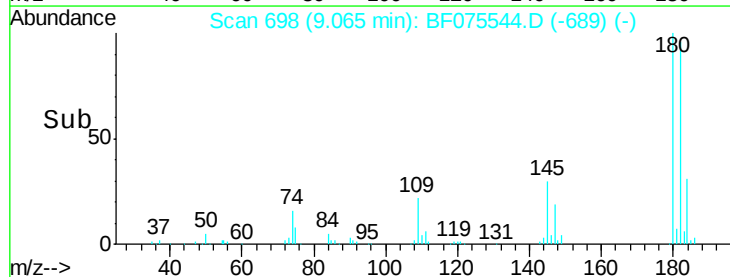
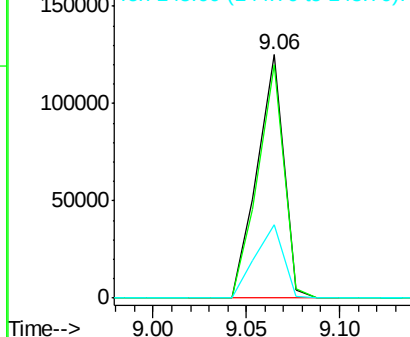


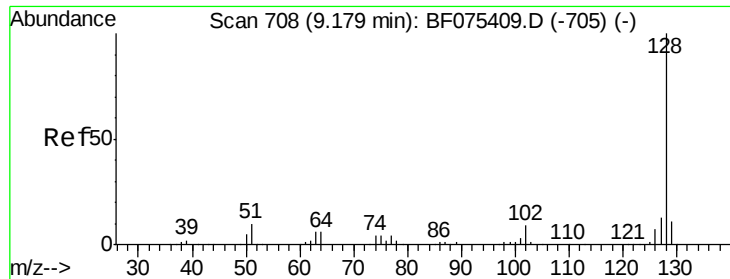
#30
1,2,4-Trichlorobenzene
Concen: 55.64 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.4	117.6
145	30.1	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

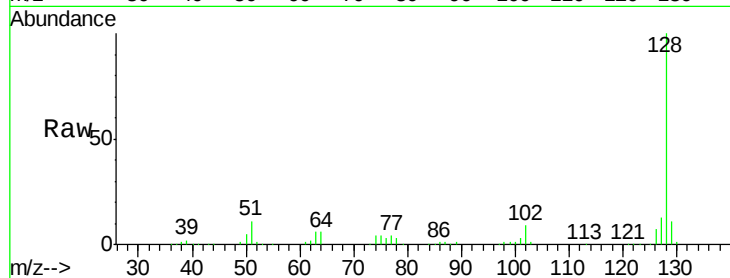




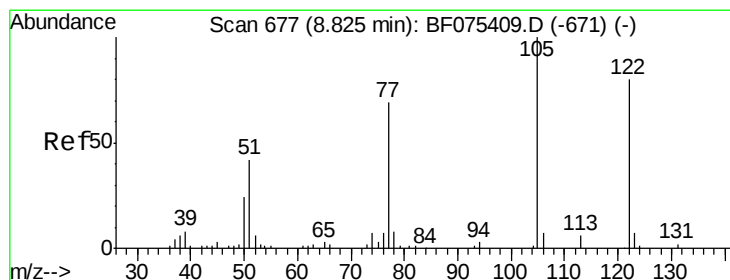
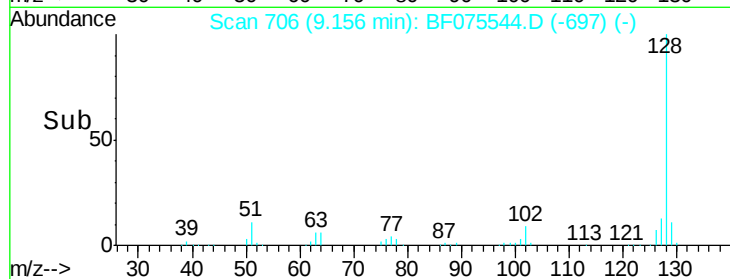
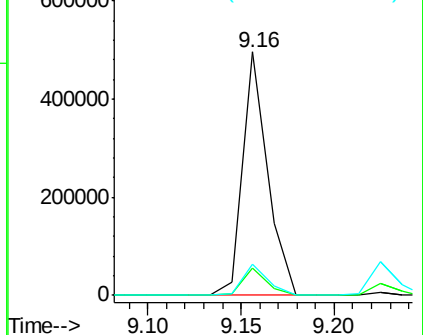
#31
Naphthalene
Concen: 59.49 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tgt Ion:128 Resp: 460483
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 10.2 15.4

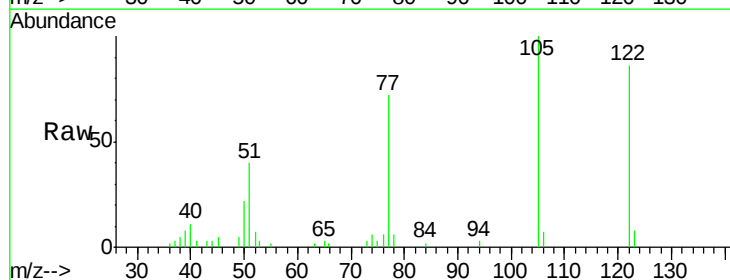


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

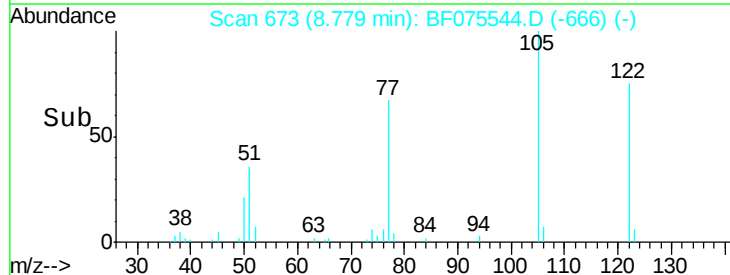
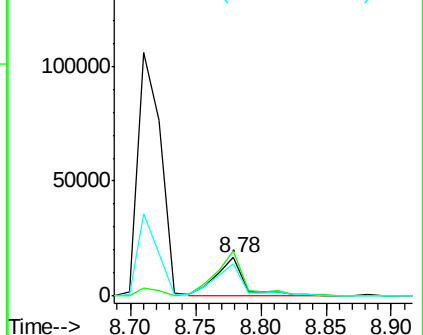


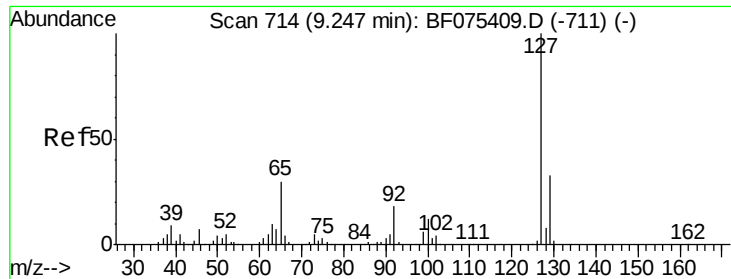
#32
Benzoic acid
Concen: 17.81 ng
RT: 8.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:122 Resp: 26081
Ion Ratio Lower Upper
122 100
105 116.9 95.1 135.1
77 83.8 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

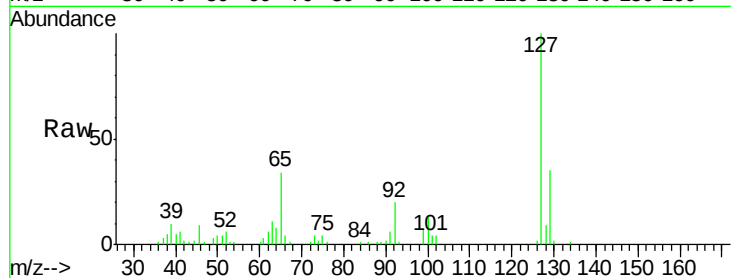




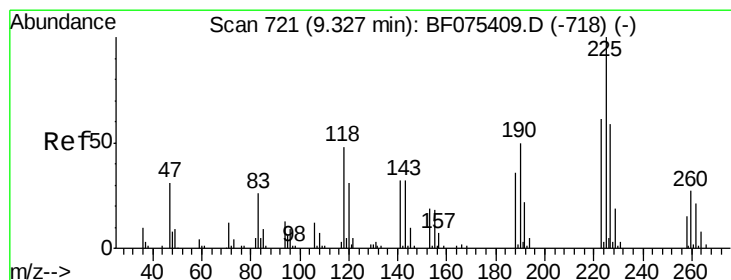
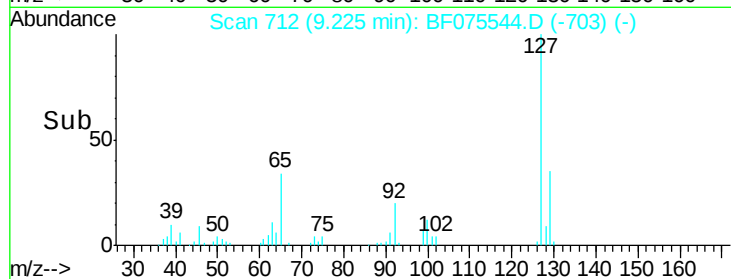
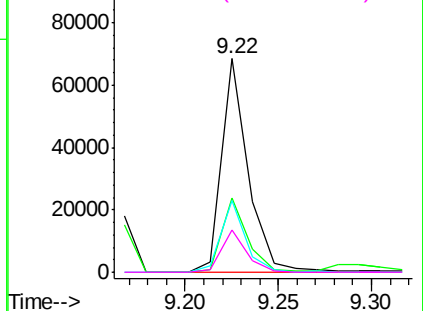
#33
4-Chloroaniline
Concen: 20.30 ng
RT: 9.22 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tgt Ion:	127	Resp:	68288
Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.5	38.3
65	33.8	22.8	34.2
92	19.5	13.8	20.6

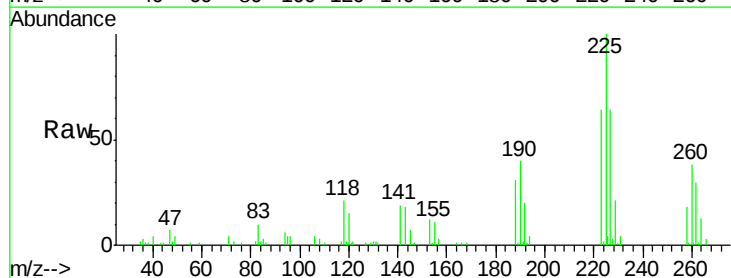


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

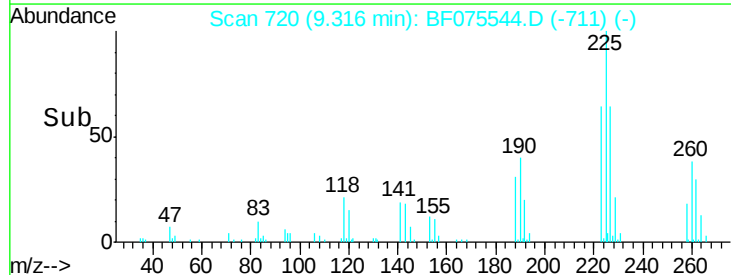
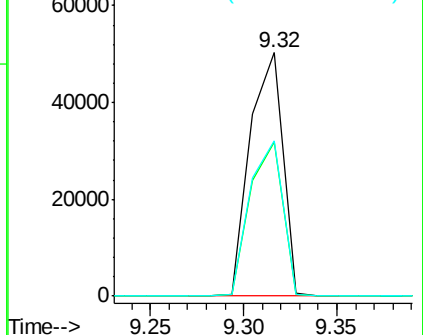


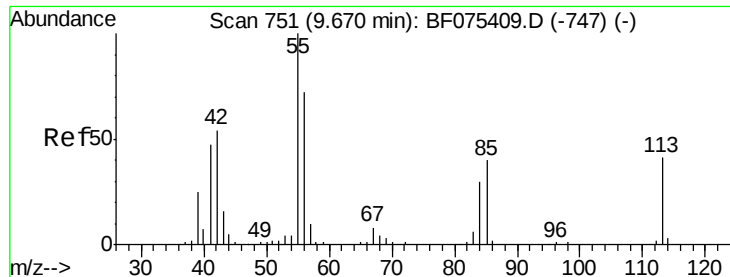
#34
Hexachlorobutadiene
Concen: 50.59 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:	225	Resp:	60949
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	63.9	48.6	73.0



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





#35

Caprolactam

Concen: 61.89 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

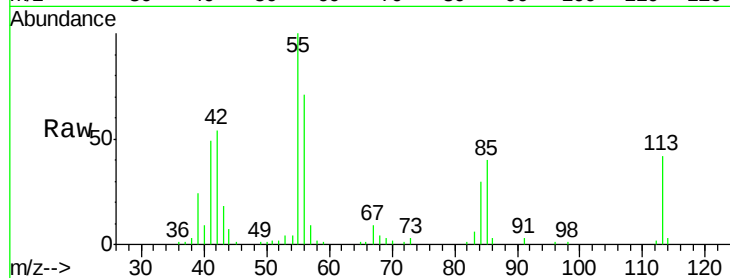
Tgt Ion:113 Resp: 43547

Ion Ratio Lower Upper

113 100

55 235.3 226.9 266.9

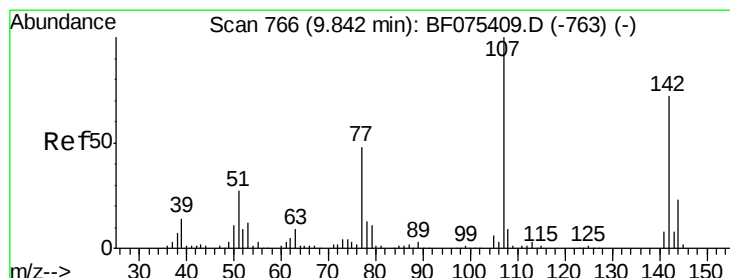
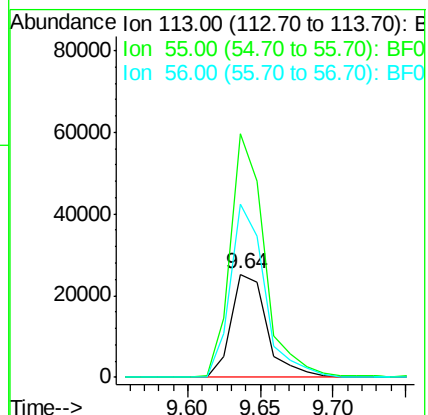
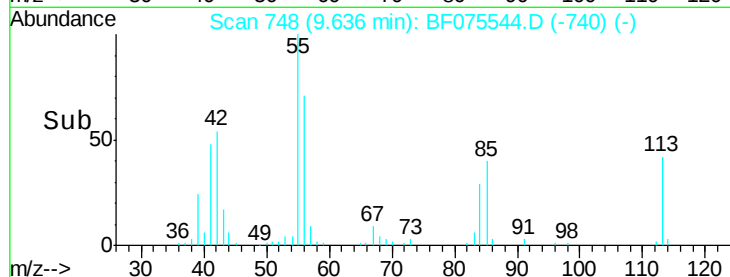
56 167.9 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 60.04 ng

RT: 9.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

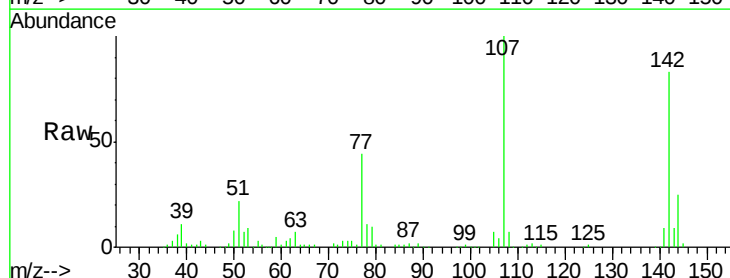
Tgt Ion:107 Resp: 139871

Ion Ratio Lower Upper

107 100

144 25.4 19.1 28.7

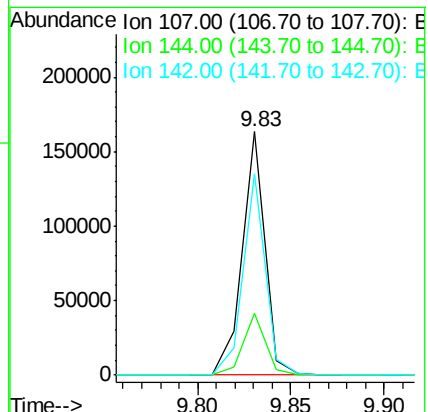
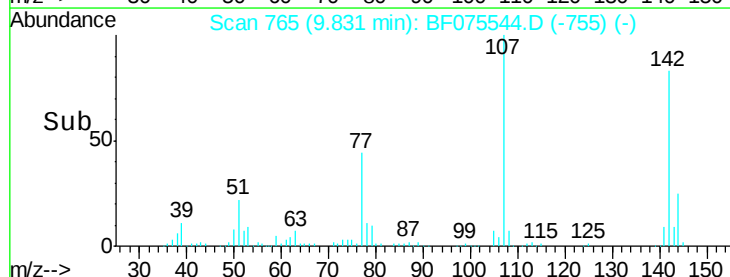
142 82.9 62.9 94.3

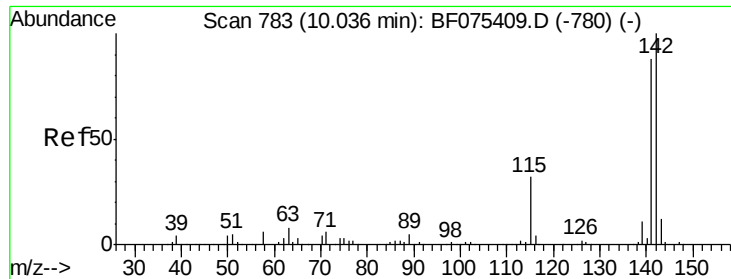


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

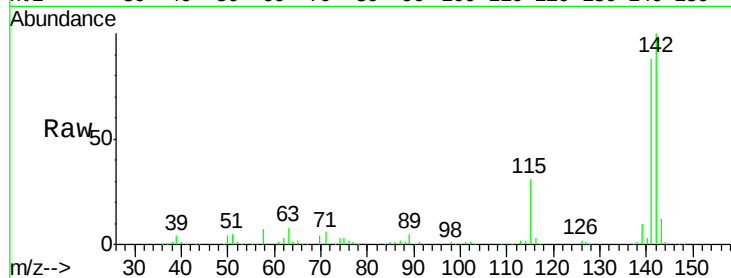




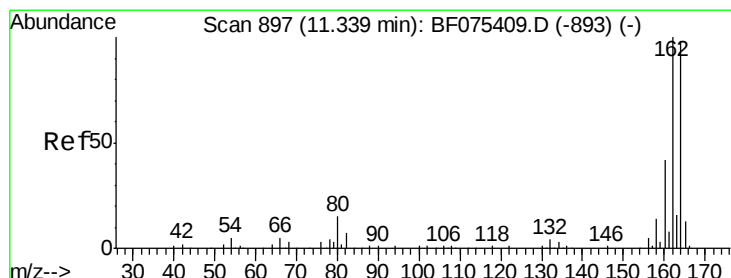
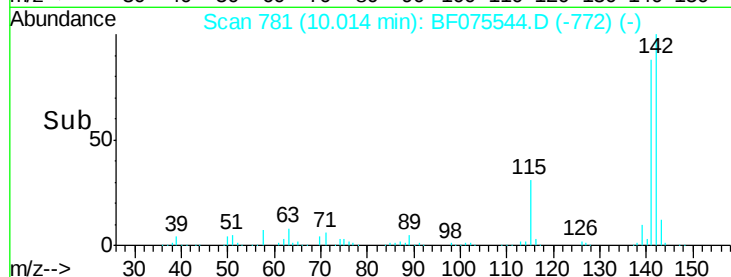
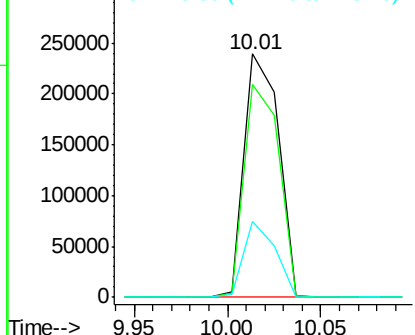
#37
2-Methylnaphthalene
Concen: 58.16 ng
RT: 10.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tgt Ion:142 Resp: 307141
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9
115 31.0 27.6 41.4

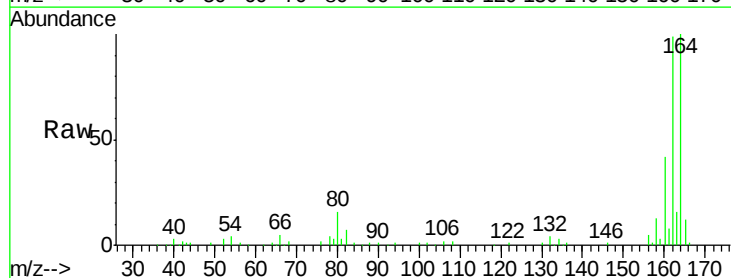


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

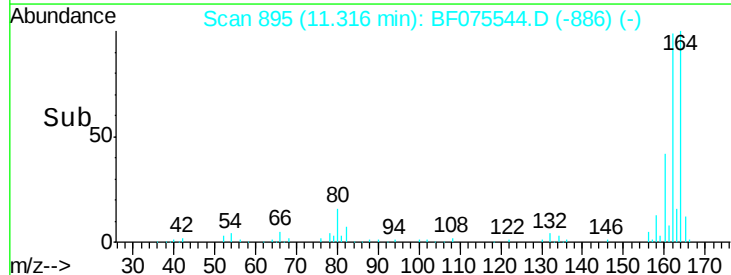
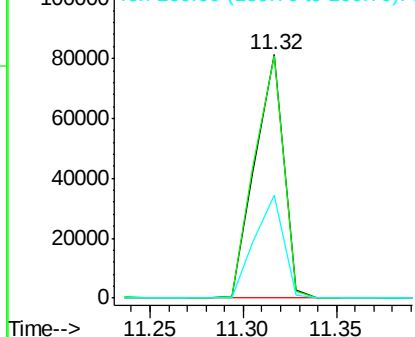


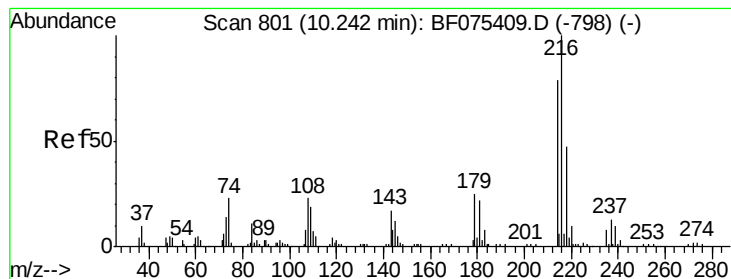
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:164 Resp: 86578
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 42.3 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: 63.52 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

Tgt Ion:216 Resp: 113046

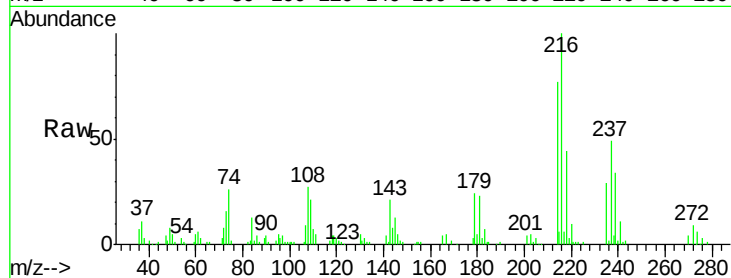
Ion Ratio Lower Upper

216 100

214 75.7 62.8 94.2

179 21.1 18.7 28.1

108 23.7 18.1 27.1

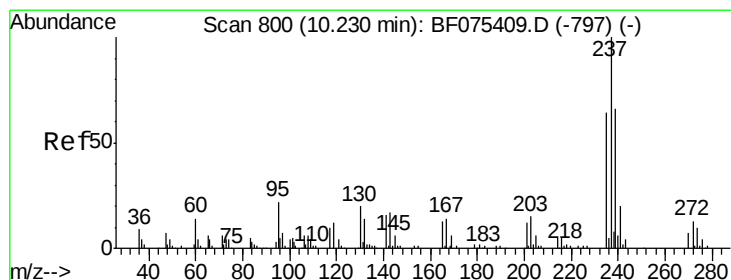
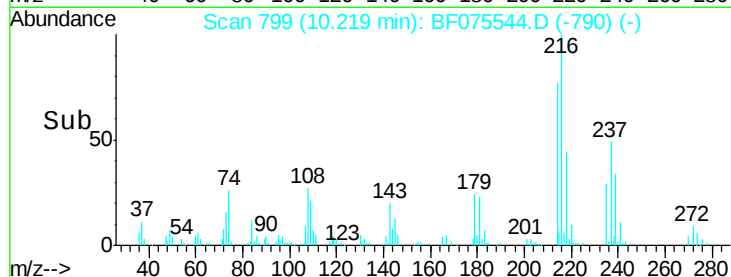
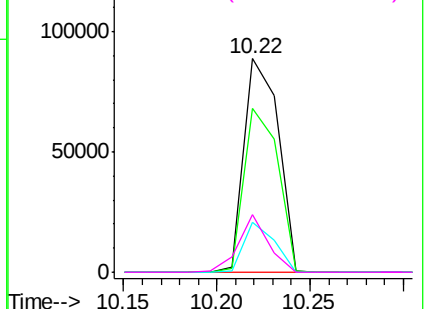


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.00 ng

RT: 10.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

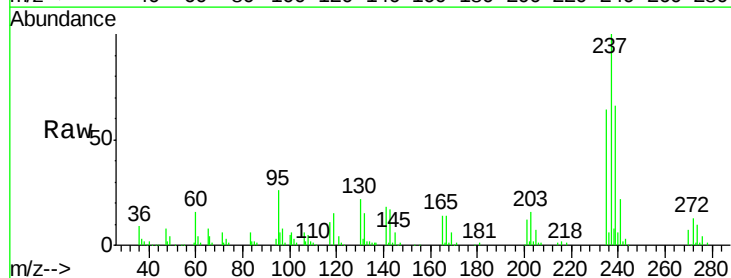
Tgt Ion:237 Resp: 118917

Ion Ratio Lower Upper

237 100

235 64.4 45.7 85.7

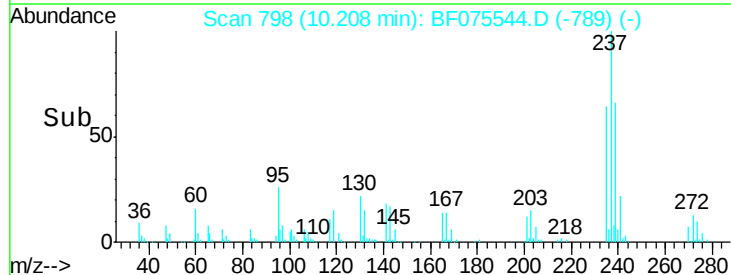
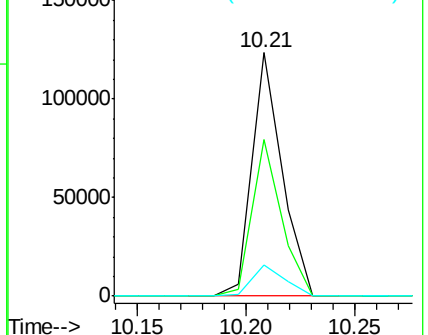
272 12.8 0.0 32.6

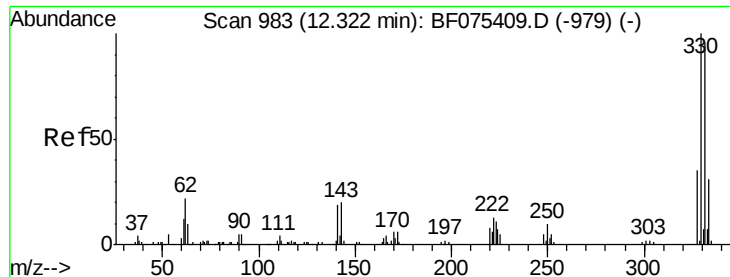


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

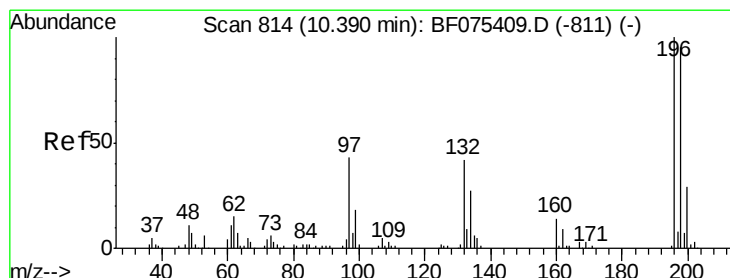
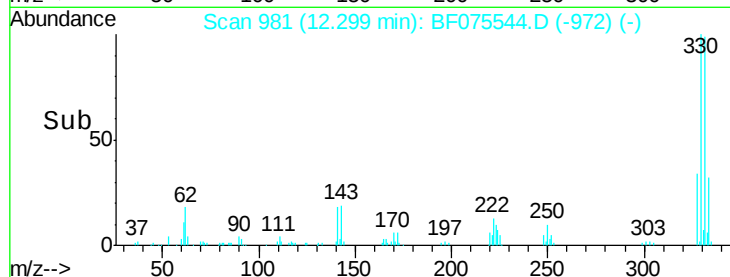
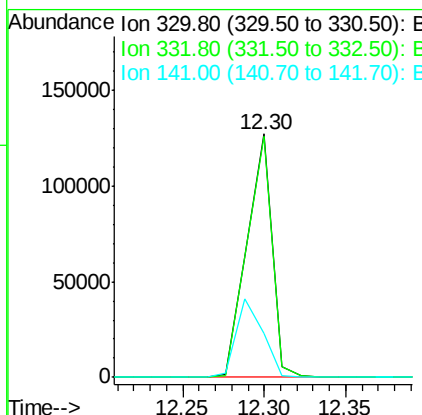
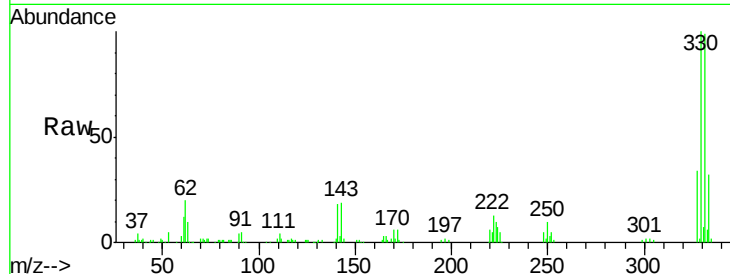




#41
 2,4,6-Tribromophenol
 Concen: 188.04 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

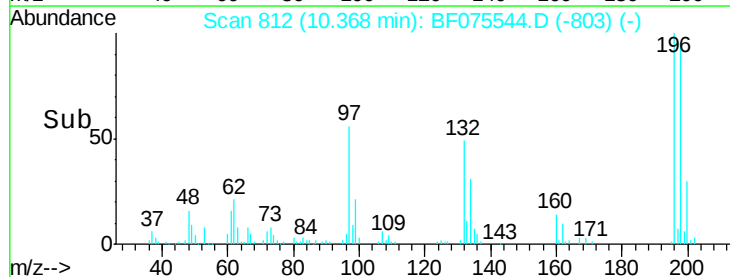
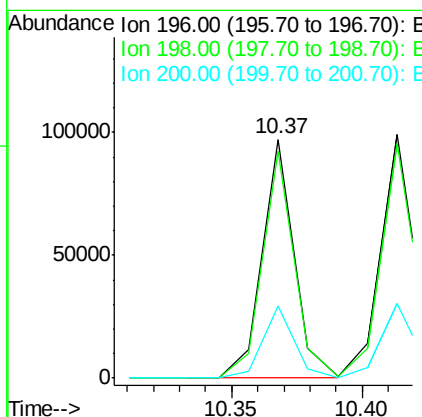
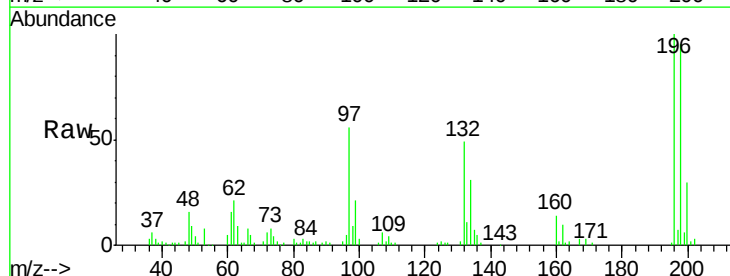
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

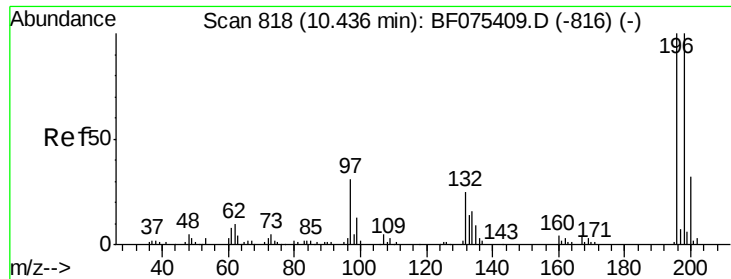
Tgt Ion:330 Resp: 136358
 Ion Ratio Lower Upper
 330 100
 332 99.4 74.5 111.7
 141 33.9 30.7 46.1



#42
 2,4,6-Trichlorophenol
 Concen: 58.77 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion:196 Resp: 83178
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.1 23.4 35.0

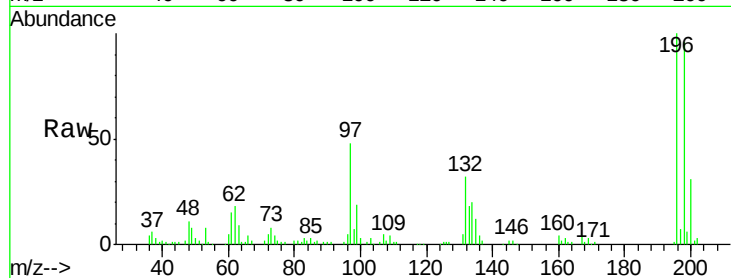




#43
 2,4,5-Trichlorophenol
 Concen: 60.33 ng
 RT: 10.41 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	78.2	117.4
97	48.2	29.9	44.9
132	31.9	22.2	33.2



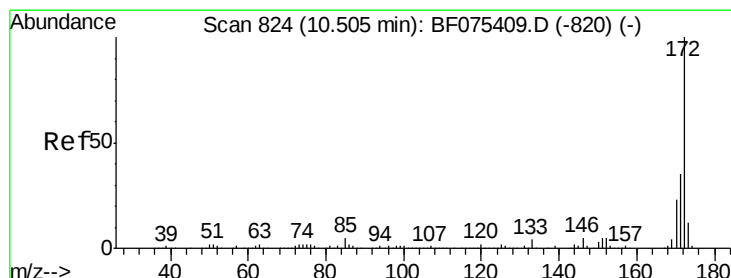
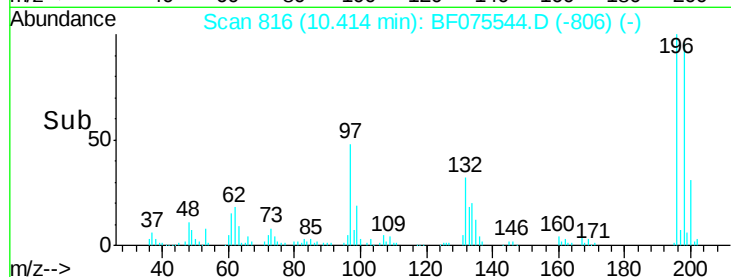
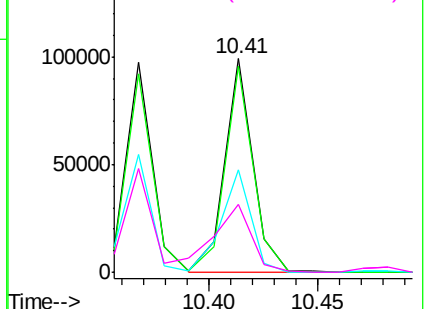
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

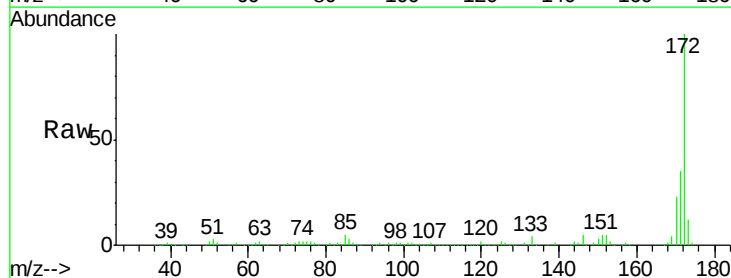
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 126.38 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.3	40.9
170	23.3	18.4	27.6

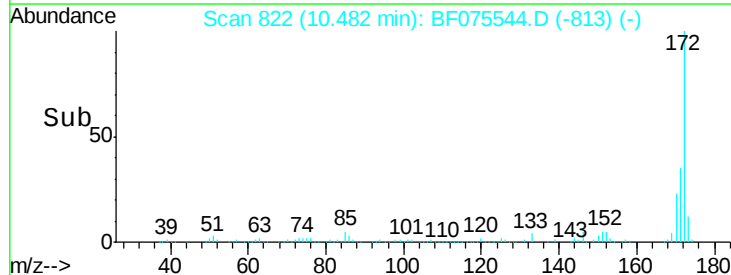
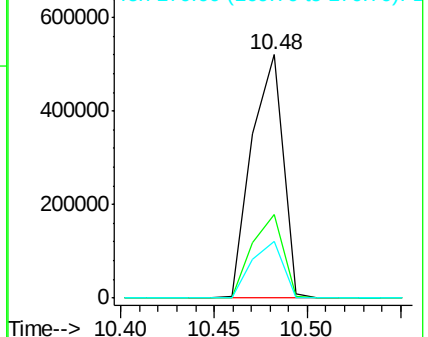


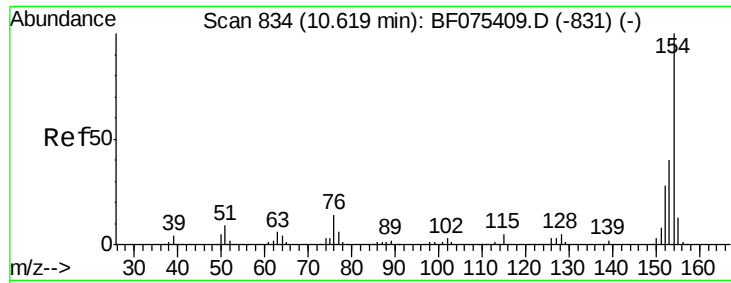
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

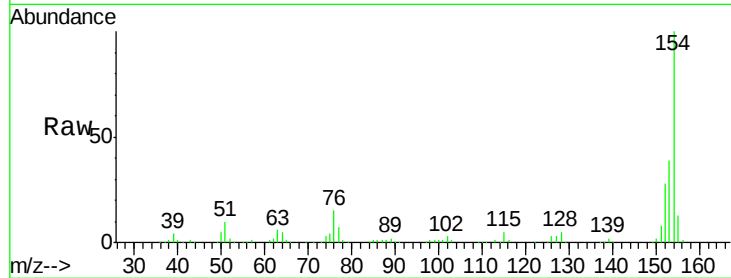




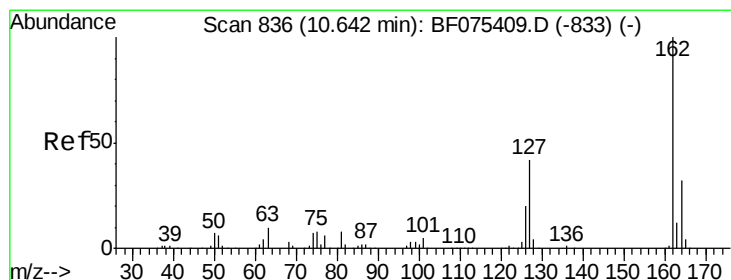
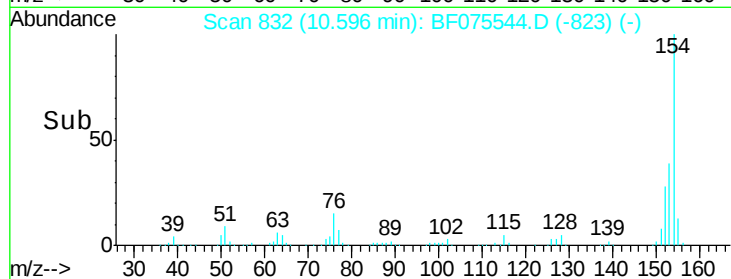
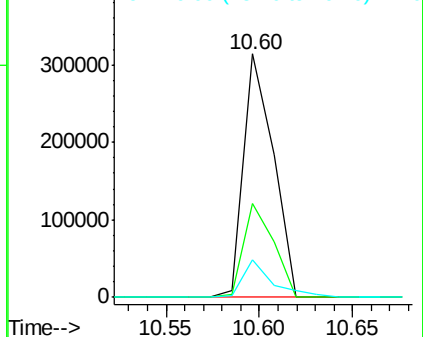
#45
 1,1'-Biphenyl
 Concen: 59.60 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	19.3	59.3
76	15.2	0.0	35.0

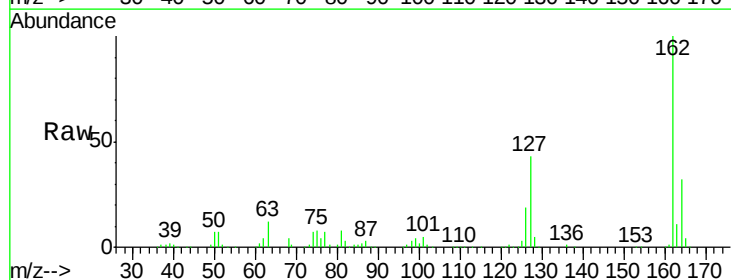


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

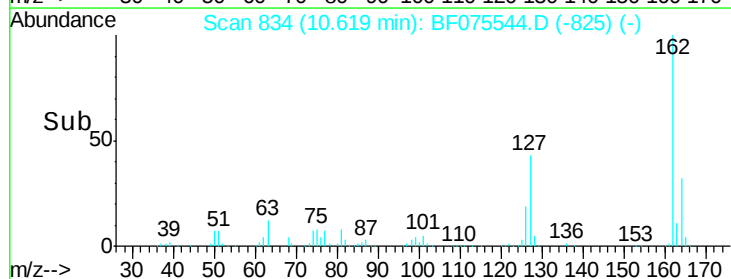
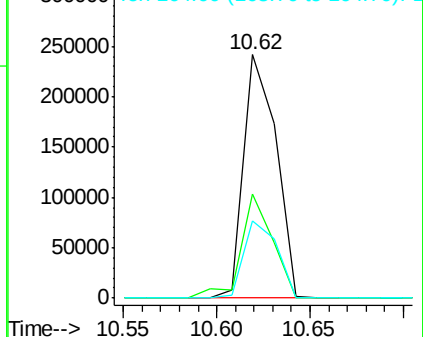


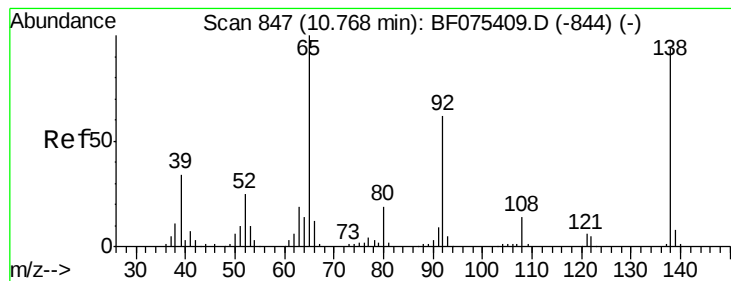
#46
 2-Chloronaphthalene
 Concen: 63.72 ng
 RT: 10.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	34.6	51.8
164	31.6	25.1	37.7



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





#47

2-Nitroaniline

Concen: 66.19 ng

RT: 10.74 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

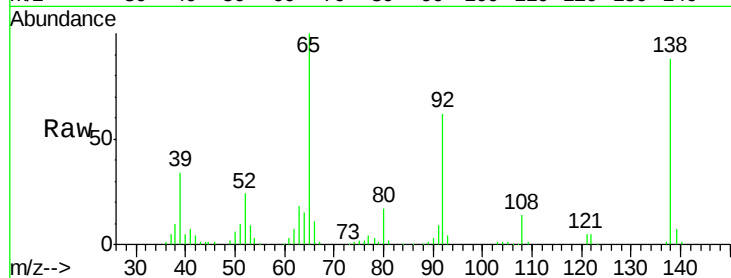
Tgt Ion: 65 Resp: 90937

Ion Ratio Lower Upper

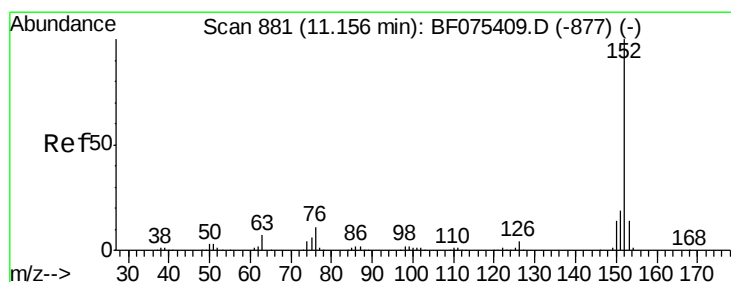
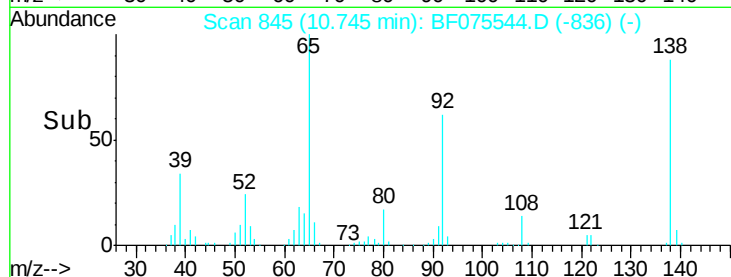
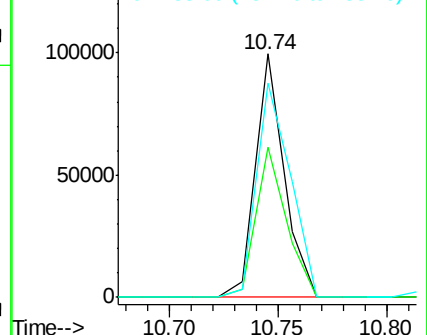
65 100

92 61.5 46.7 70.1

138 88.2 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): BF0



#48

Acenaphthylene

Concen: 62.21 ng

RT: 11.13 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

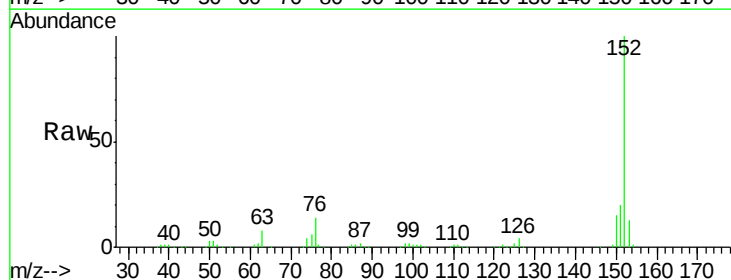
Tgt Ion: 152 Resp: 468346

Ion Ratio Lower Upper

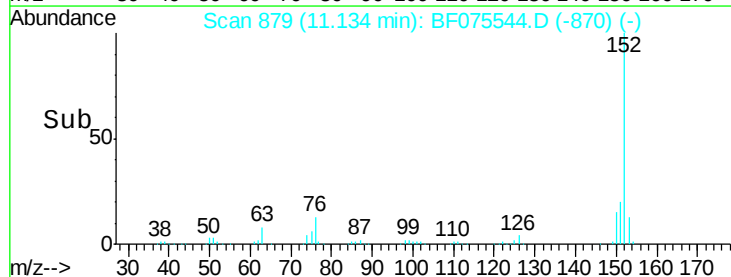
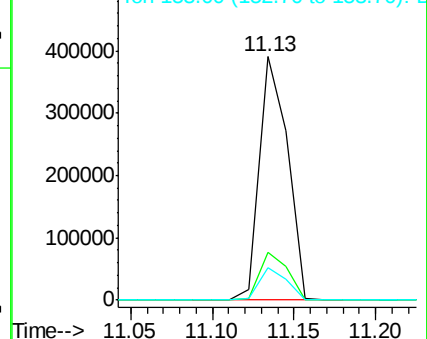
152 100

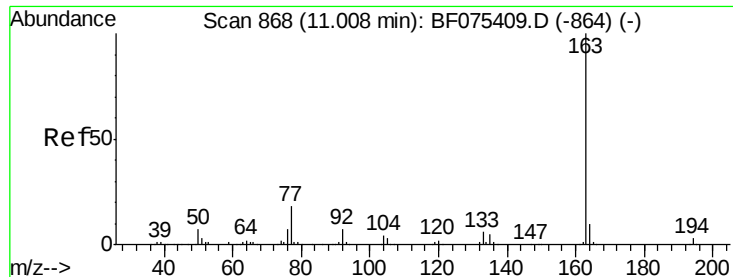
151 19.7 15.4 23.2

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

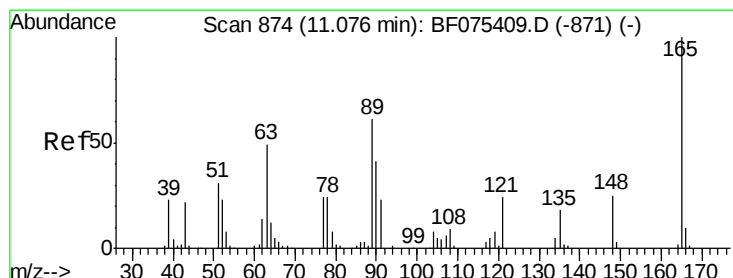
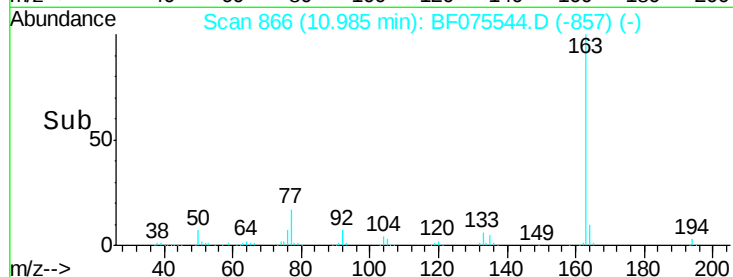
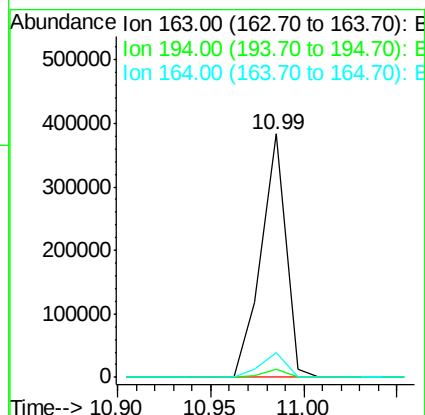
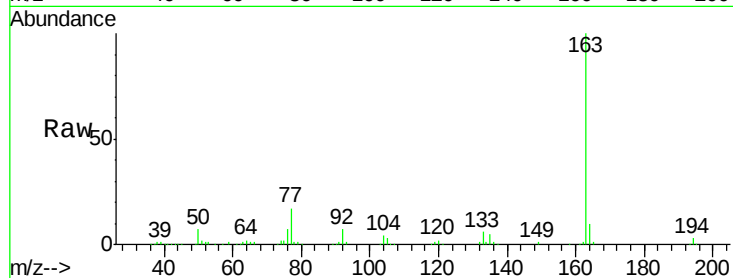




#49
Dimethylphthalate
Concen: 59.61 ng
RT: 10.99 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

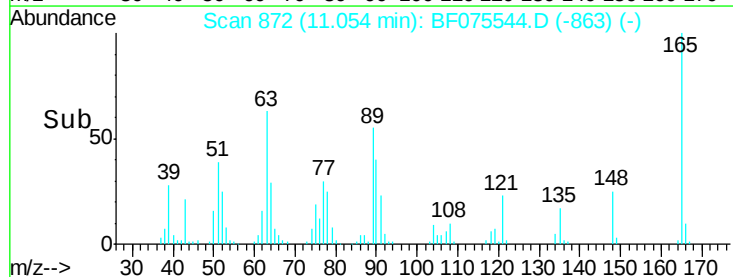
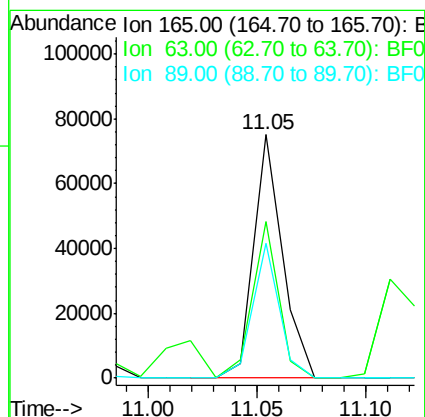
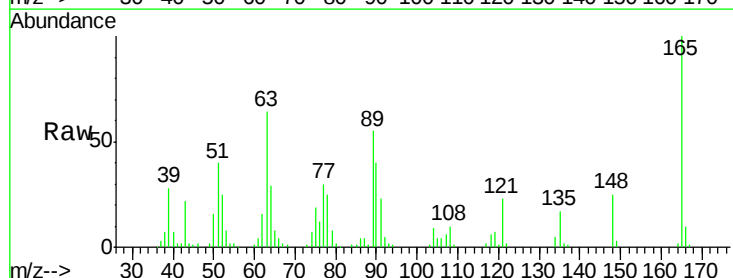
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

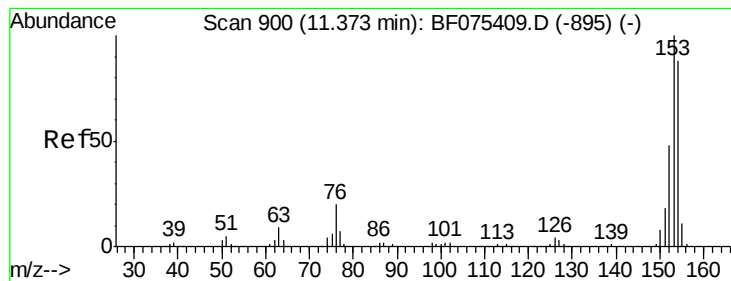
Tgt Ion:163 Resp: 352793
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.0 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 59.21 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:165 Resp: 69024
Ion Ratio Lower Upper
165 100
63 64.2 61.2 91.8
89 55.2 52.5 78.7





#51

Acenaphthene

Concen: 66.02 ng

RT: 11.35 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

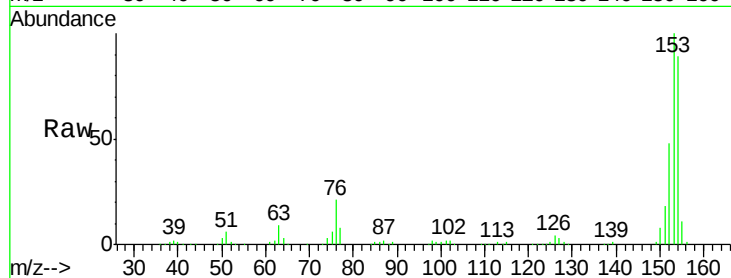
Tgt Ion:154 Resp: 300022

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

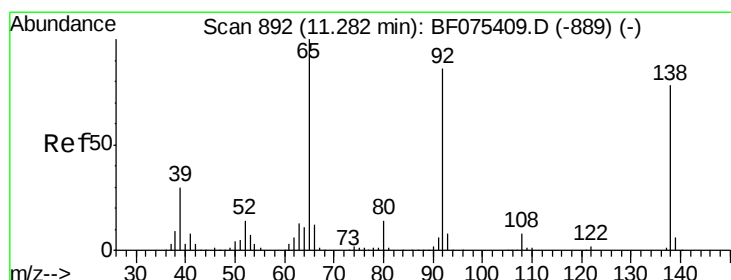
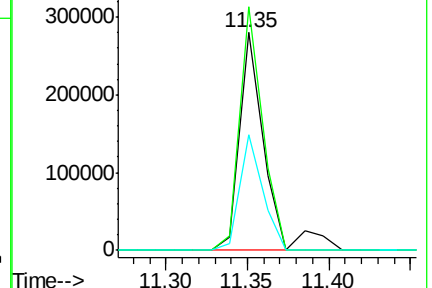
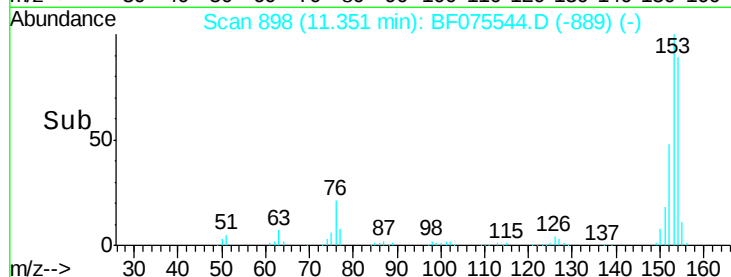
152 53.2 43.4 65.0



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: 45.10 ng

RT: 11.26 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

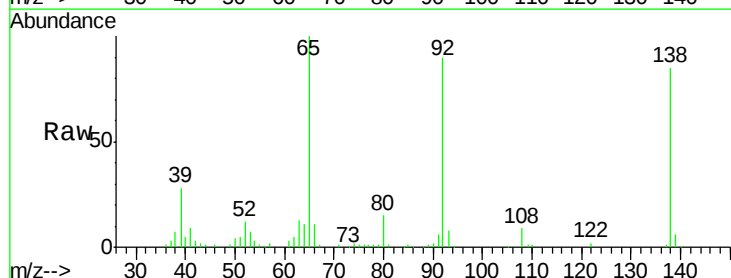
Tgt Ion:138 Resp: 61992

Ion Ratio Lower Upper

138 100

108 10.0 10.2 15.2#

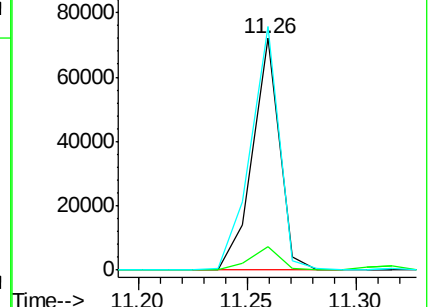
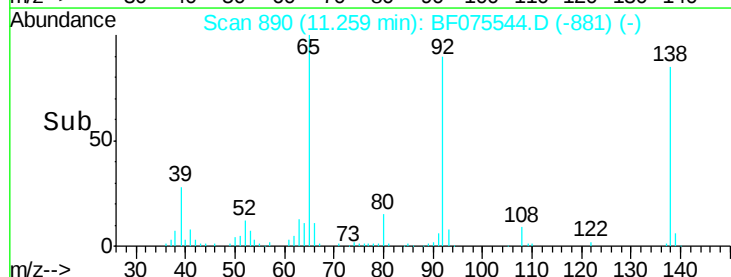
92 105.1 91.0 136.6

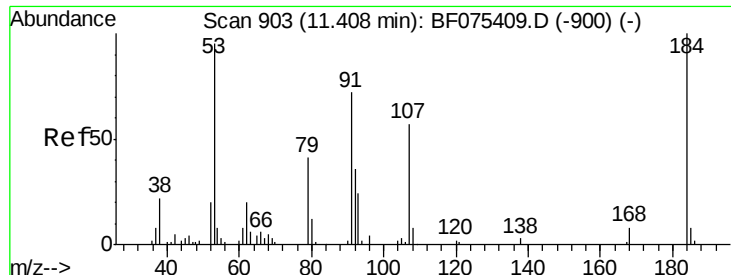


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

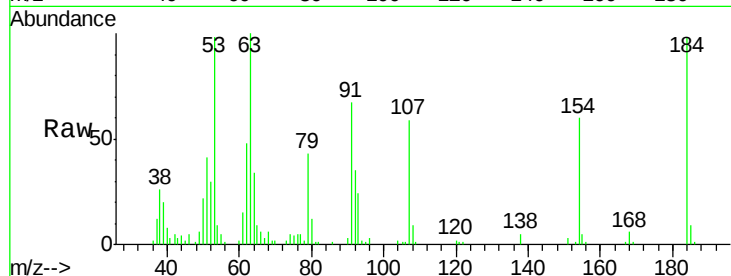




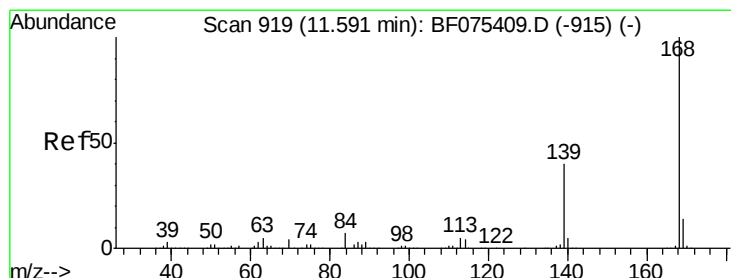
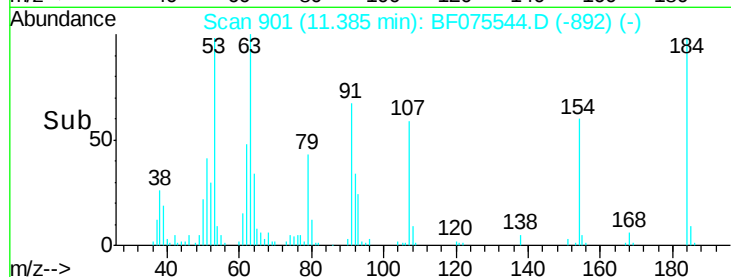
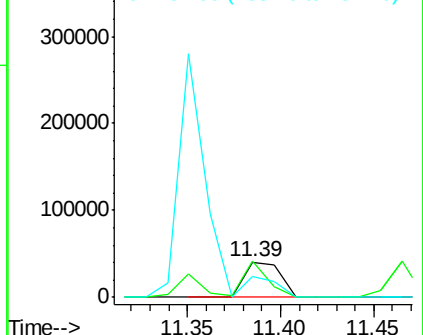
#53
2,4-Dinitrophenol
Concen: 82.52 ng
RT: 11.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tgt Ion:184 Resp: 54648
Ion Ratio Lower Upper
184 100
63 101.9 96.3 144.5
154 60.7 56.2 84.4

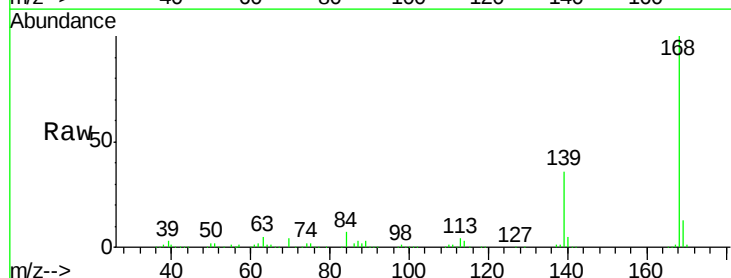


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

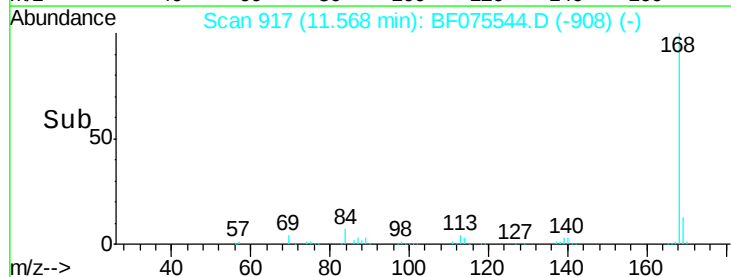
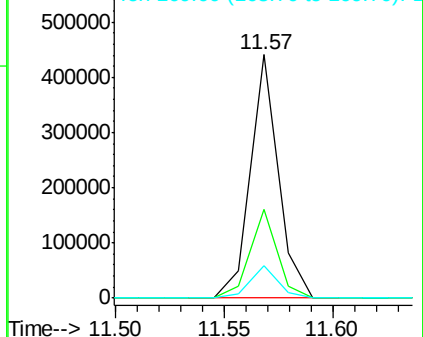


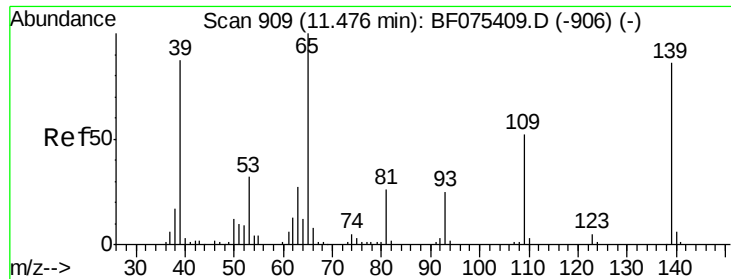
#54
Dibenzofuran
Concen: 60.29 ng
RT: 11.57 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:168 Resp: 391589
Ion Ratio Lower Upper
168 100
139 36.5 33.0 49.4
169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 129.05 ng

RT: 11.47 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

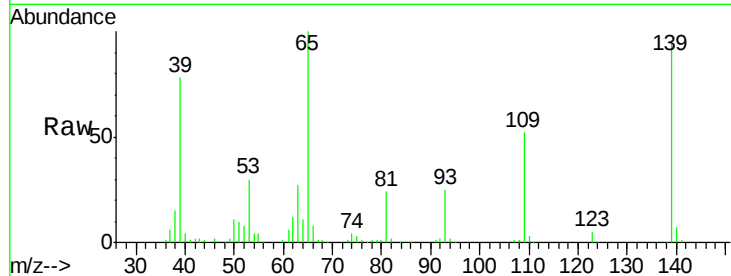
Tgt Ion:139 Resp: 141798

Ion Ratio Lower Upper

139 100

109 54.1 45.8 85.8

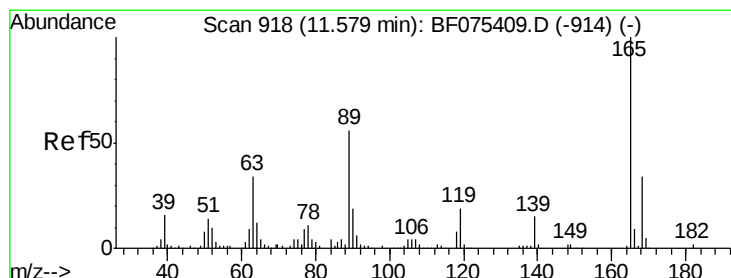
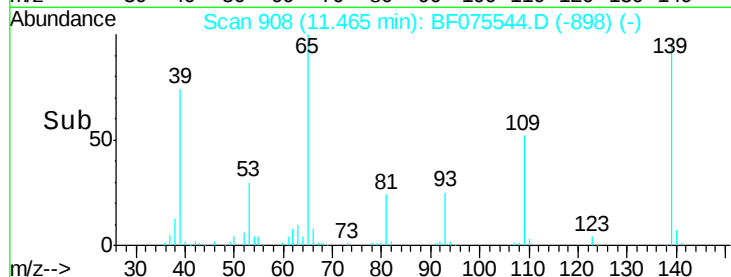
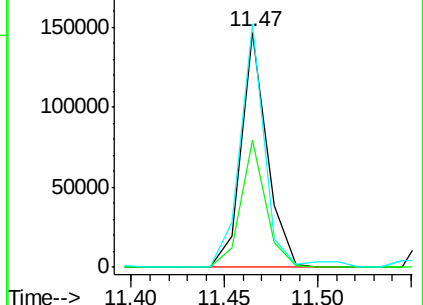
65 103.8 94.8 134.8



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



#56

2,4-Dinitrotoluene

Concen: 65.55 ng

RT: 11.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Tgt Ion:165 Resp: 100386

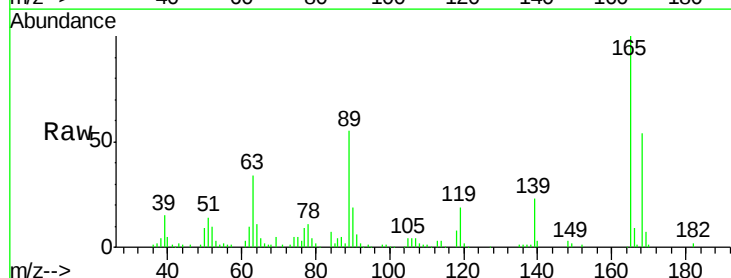
Ion Ratio Lower Upper

165 100

63 34.4 27.0 40.6

89 54.7 47.8 71.6

182 2.1 1.7 2.5

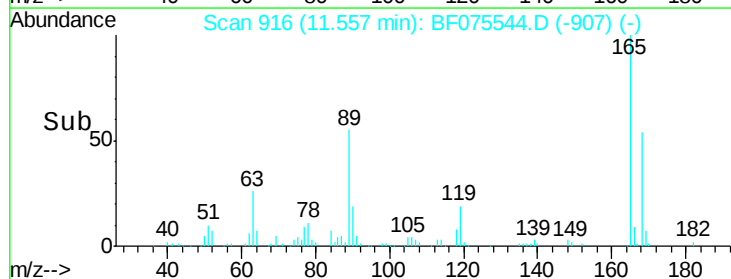
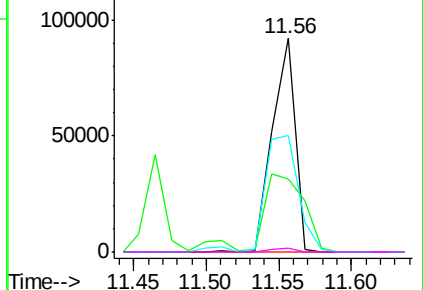


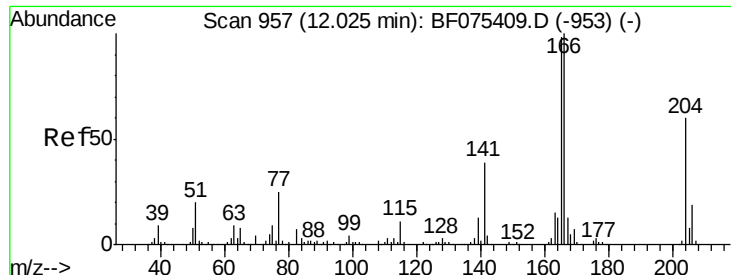
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

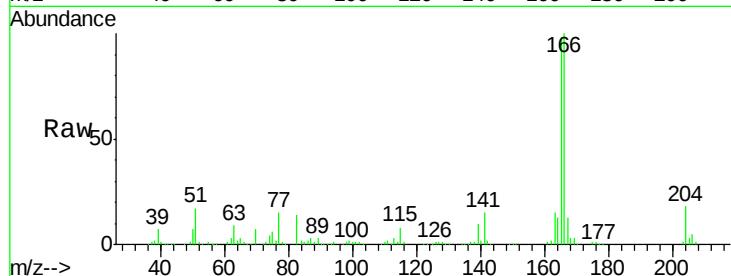




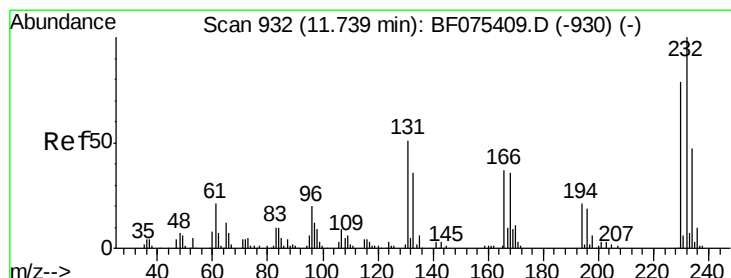
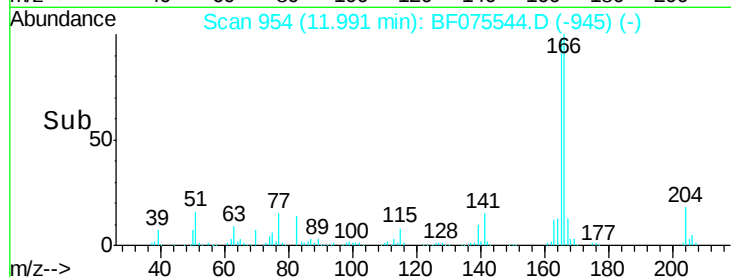
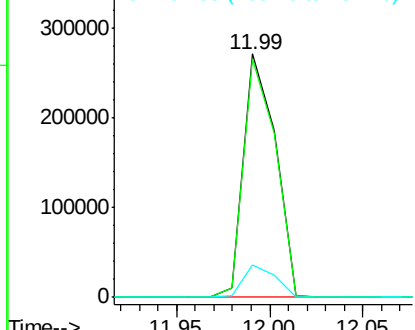
#57
Fluorene
 Concen: 61.56 ng
 RT: 11.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion:166 Resp: 323343
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.8 118.2
 167 13.4 10.6 15.8

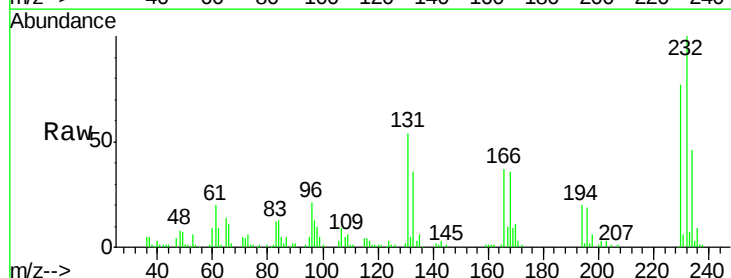


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

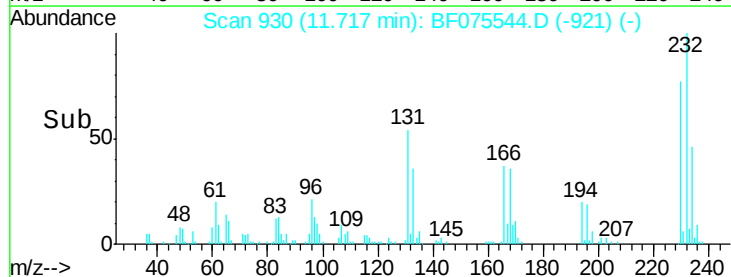
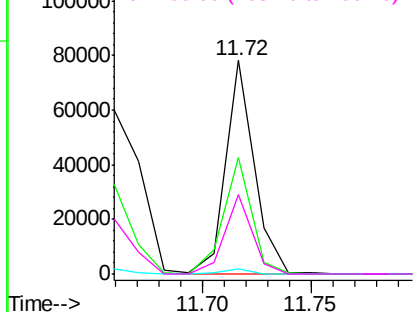


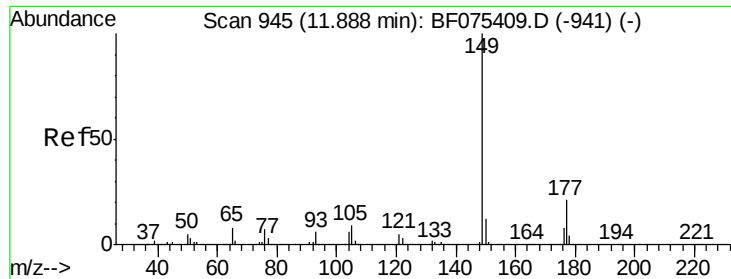
#58
2,3,4,6-Tetrachlorophenol
 Concen: 60.61 ng
 RT: 11.72 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion:232 Resp: 70906
 Ion Ratio Lower Upper
 232 100
 131 54.2 44.6 67.0
 130 2.2 2.5 3.7#
 166 35.6 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

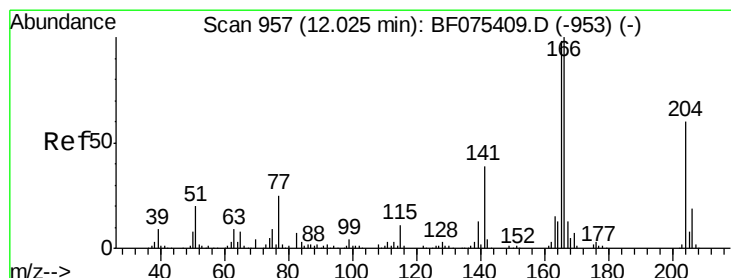
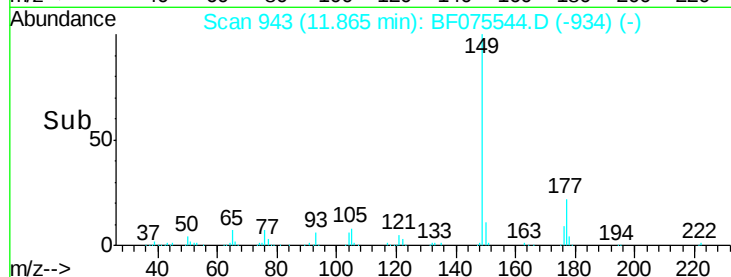
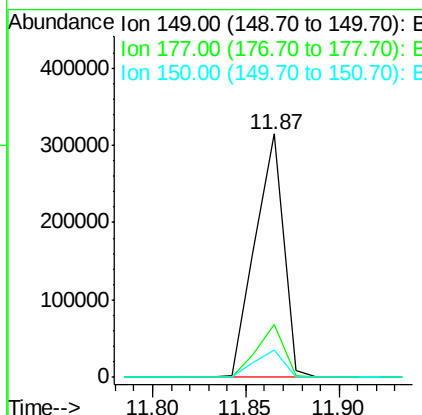
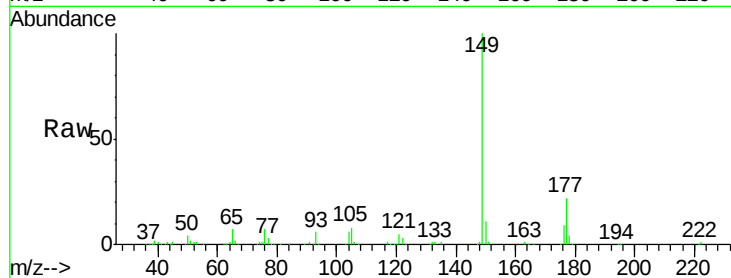




#59
Diethylphthalate
Concen: 54.06 ng
RT: 11.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

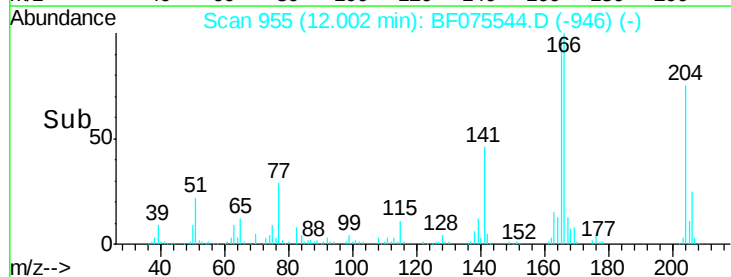
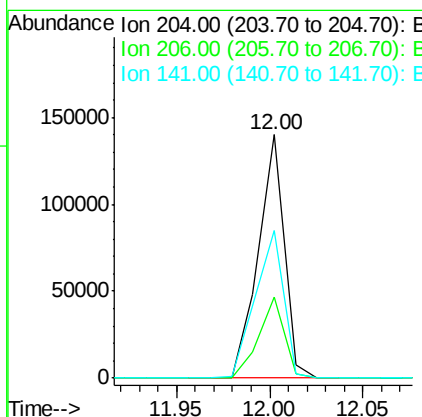
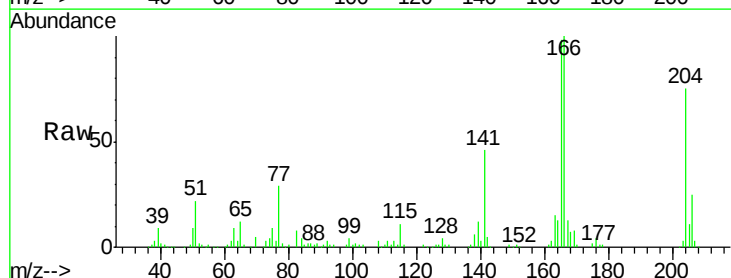
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

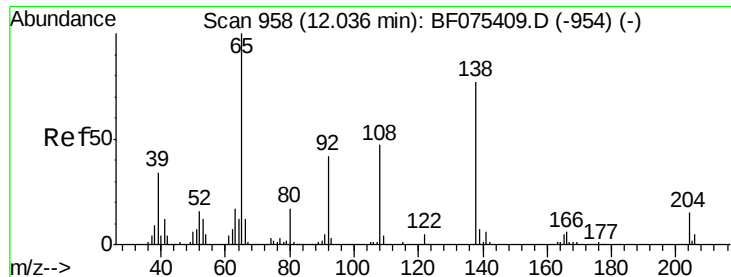
Tgt Ion:149 Resp: 332004
Ion Ratio Lower Upper
149 100
177 21.6 15.8 23.8
150 11.5 9.9 14.9



#60
4-Chlorophenyl-phenylether
Concen: 59.58 ng
RT: 12.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:204 Resp: 134565
Ion Ratio Lower Upper
204 100
206 33.2 25.1 37.7
141 60.6 58.6 87.8

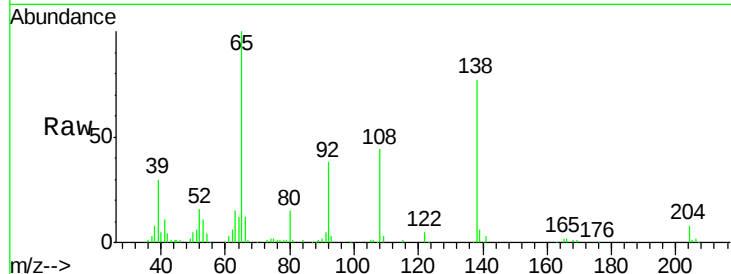




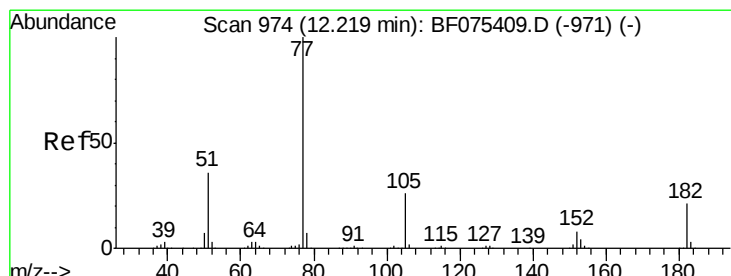
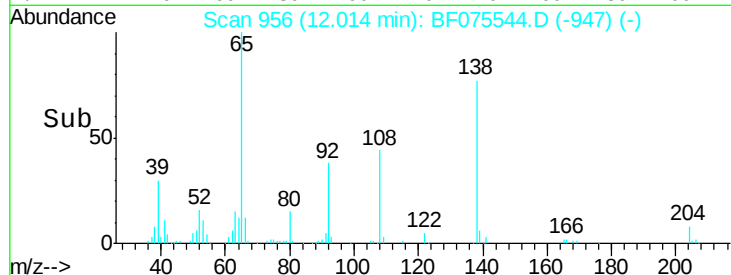
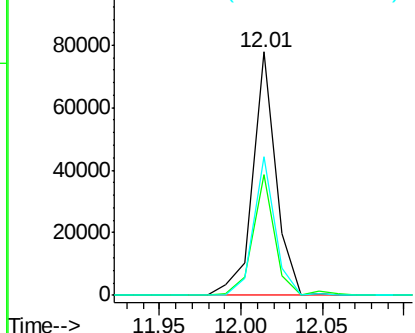
#61
4-Nitroaniline
Concen: 56.00 ng
RT: 12.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

Tgt Ion:138 Resp: 76947
Ion Ratio Lower Upper
138 100
92 49.6 34.8 74.8
108 57.0 50.6 90.6

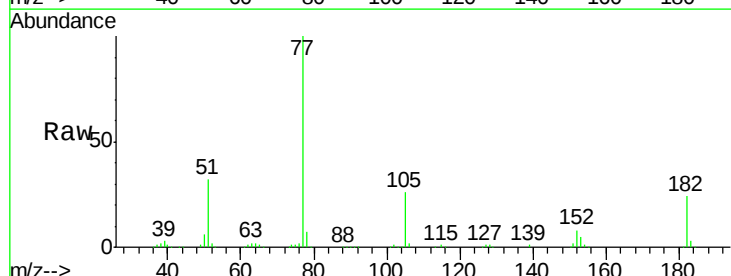


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

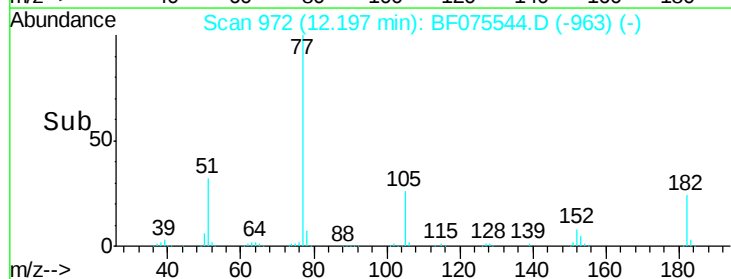
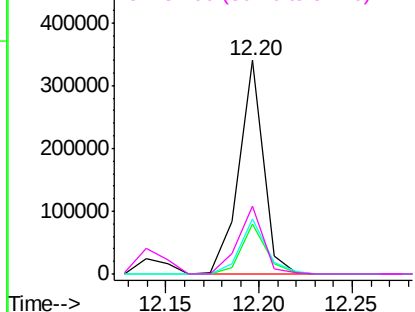


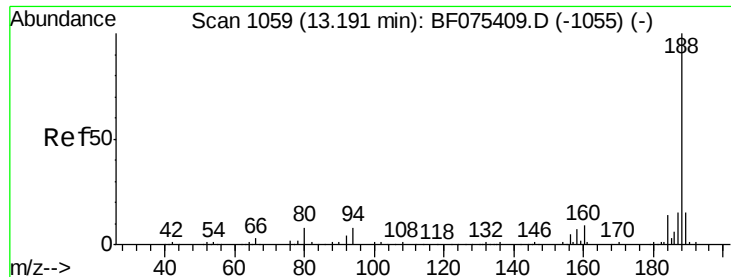
#62
Azobenzene
Concen: 57.96 ng
RT: 12.20 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion: 77 Resp: 313167
Ion Ratio Lower Upper
77 100
182 23.5 0.0 37.1
105 26.0 3.7 43.7
51 31.6 18.7 58.7



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

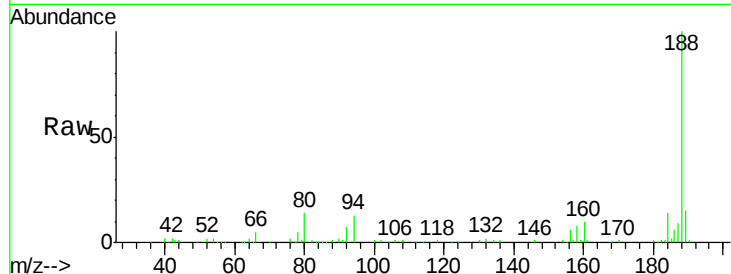
Tgt Ion:188 Resp: 147715

Ion Ratio Lower Upper

188 100

94 12.9 7.8 11.6#

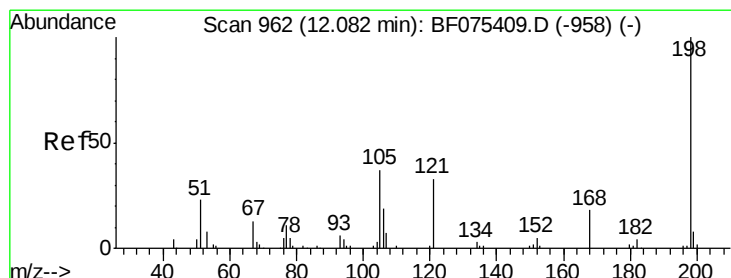
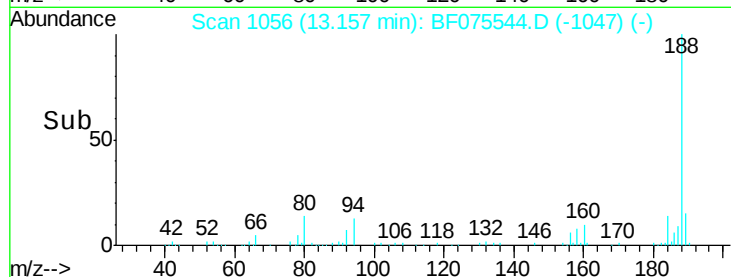
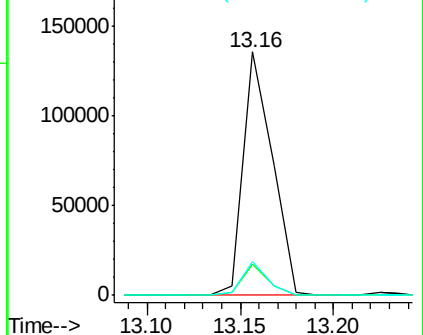
80 13.9 8.0 12.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.71 ng

RT: 12.05 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

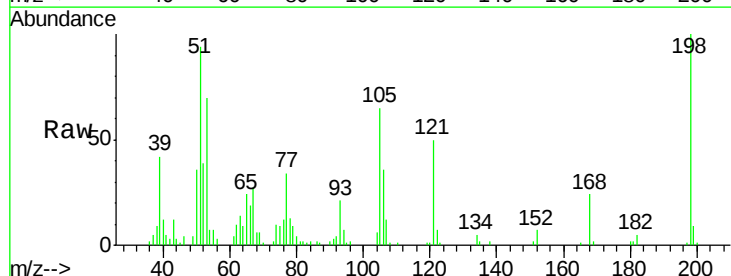
Tgt Ion:198 Resp: 40872

Ion Ratio Lower Upper

198 100

51 94.2 26.0 66.0#

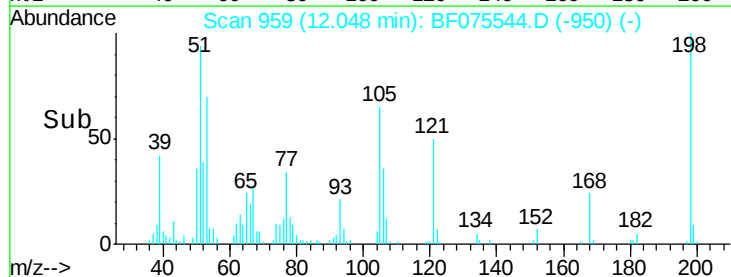
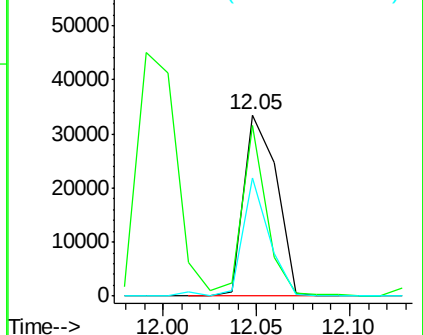
105 65.2 24.2 64.2#

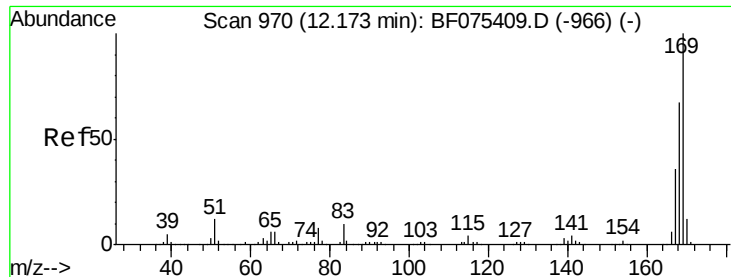


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

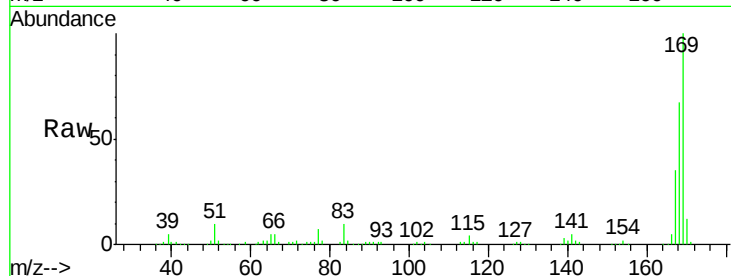




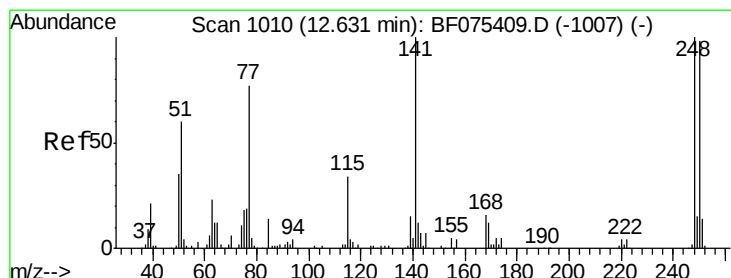
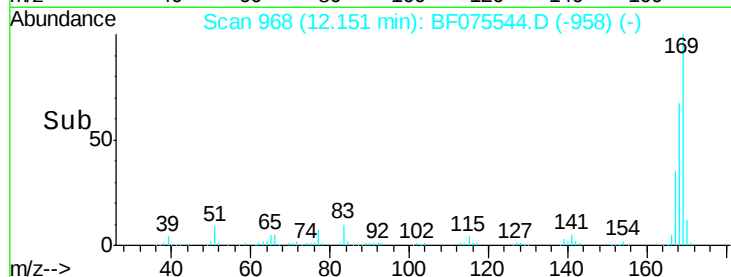
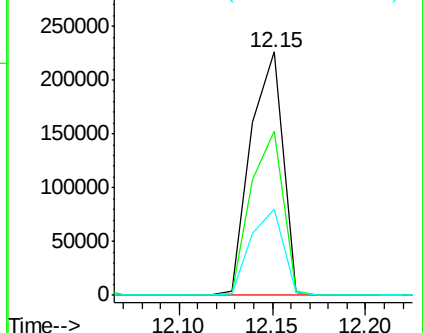
#65
 n-Nitrosodiphenylamine
 Concen: 57.85 ng
 RT: 12.15 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion:169 Resp: 270302
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.5 80.3
 167 35.3 29.8 44.6

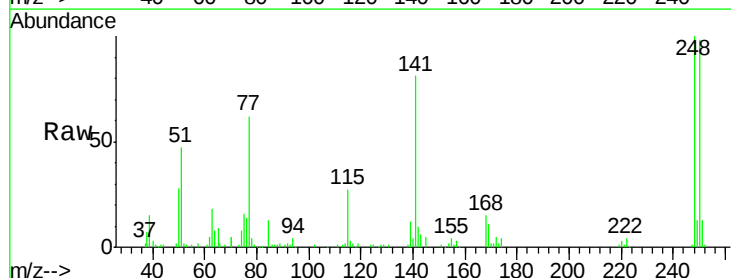


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

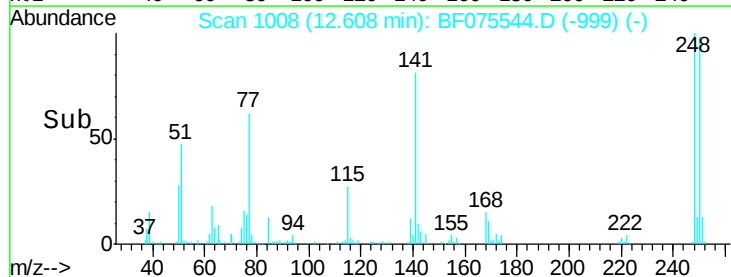
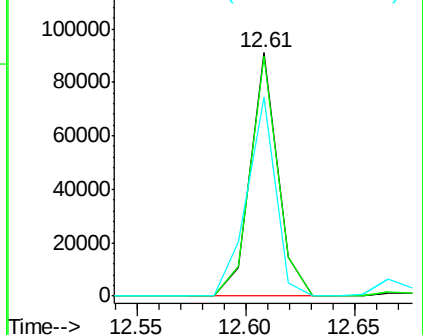


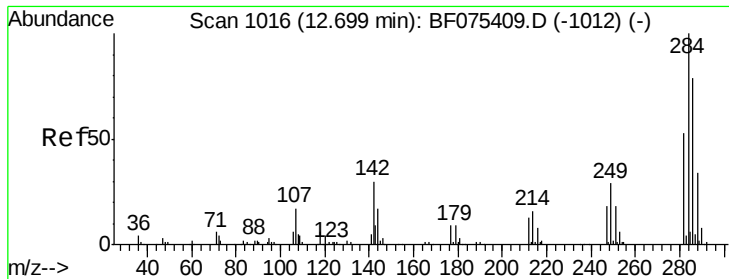
#66
 4-Bromophenyl-phenylether
 Concen: 57.41 ng
 RT: 12.61 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion:248 Resp: 79779
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.3 114.5
 141 81.4 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

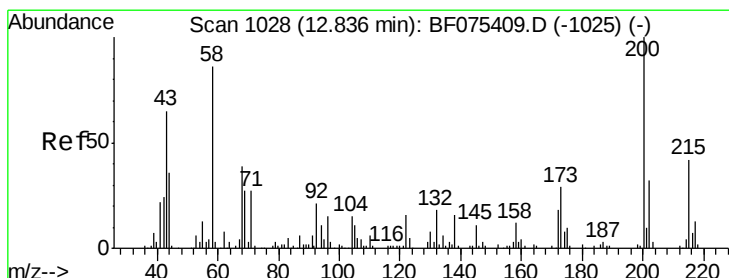
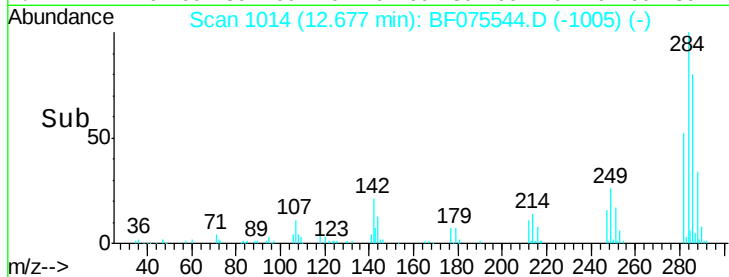
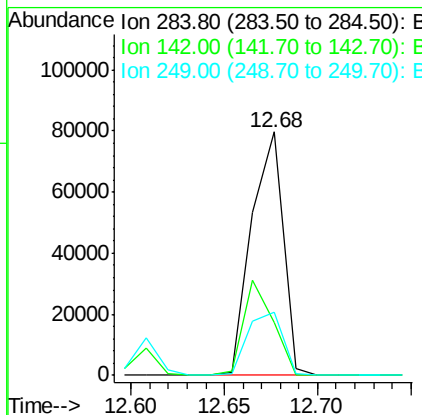
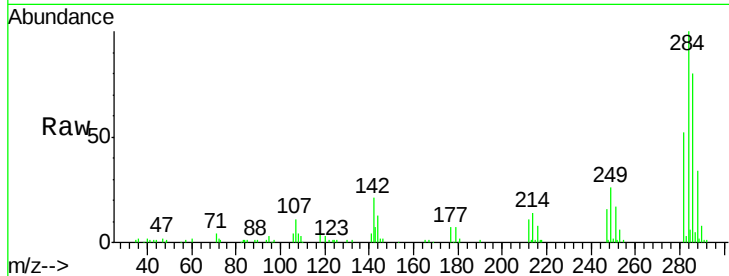




#67
Hexachlorobenzene
Concen: 59.29 ng
RT: 12.68 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

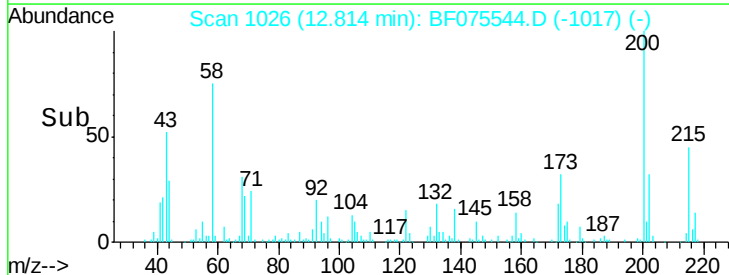
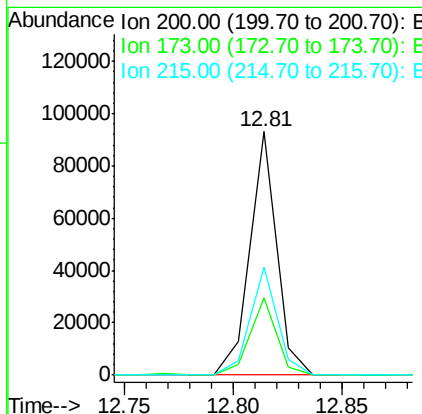
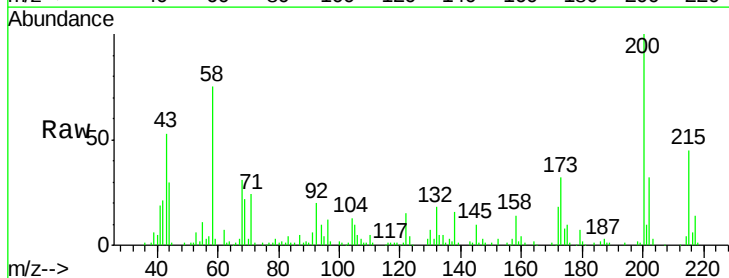
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MS

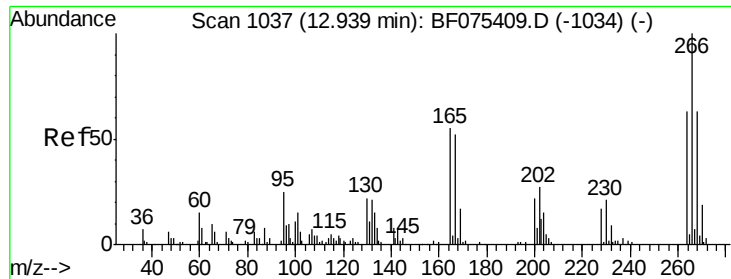
Tgt Ion:284 Resp: 93566
Ion Ratio Lower Upper
284 100
142 21.5 28.7 43.1#
249 25.9 24.1 36.1



#68
Atrazine
Concen: 55.13 ng
RT: 12.81 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF075544.D
Acq: 15 Nov 2014 16:18

Tgt Ion:200 Resp: 79938
Ion Ratio Lower Upper
200 100
173 31.7 12.3 52.3
215 44.5 23.8 63.8

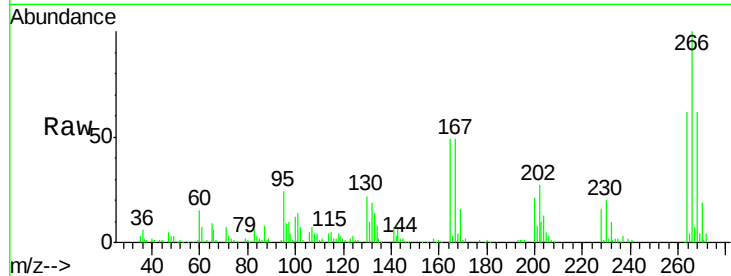




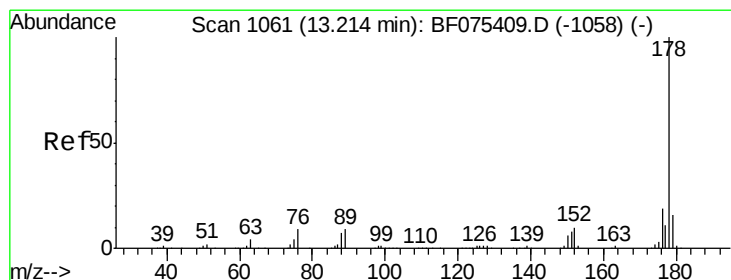
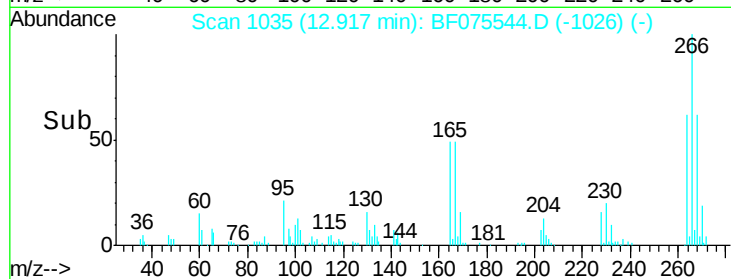
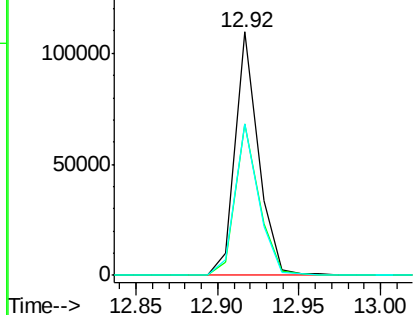
#69
 Pentachlorophenol
 Concen: 109.33 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	48.6	73.0
264	62.4	52.1	78.1

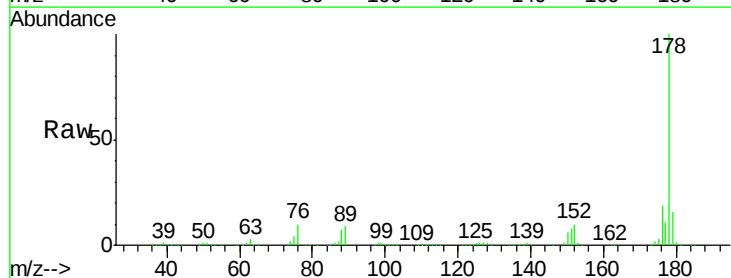


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

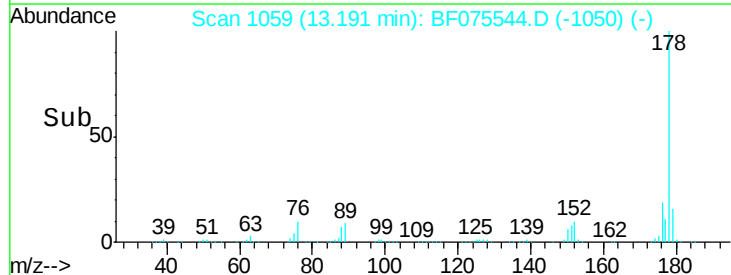
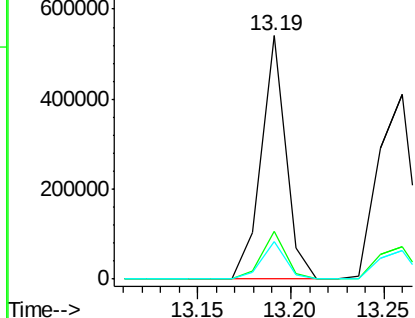


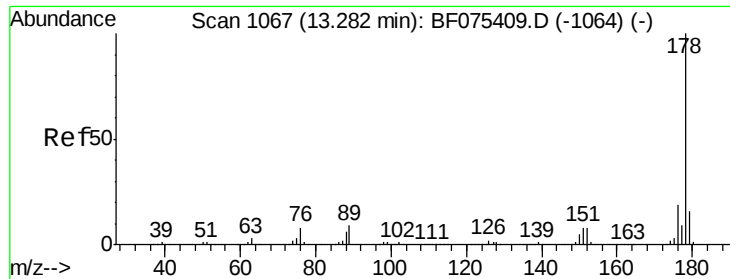
#70
 Phenanthrene
 Concen: 62.86 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	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

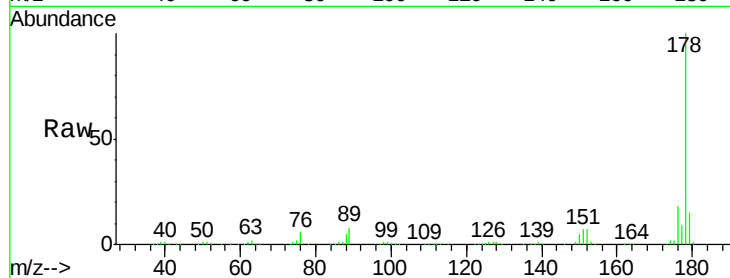




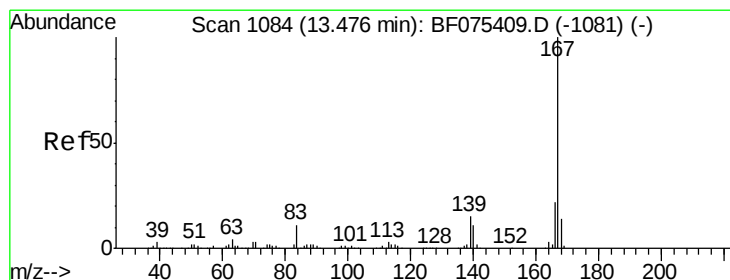
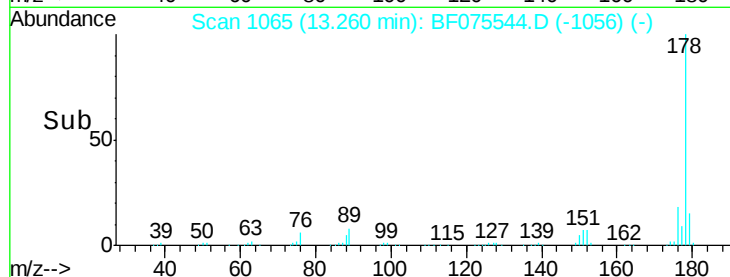
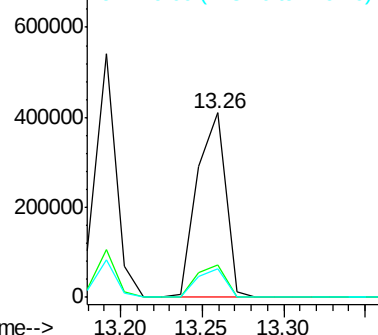
#71
 Anthracene
 Concen: 61.53 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion:178 Resp: 494411
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.1 22.7
 179 15.3 12.2 18.2

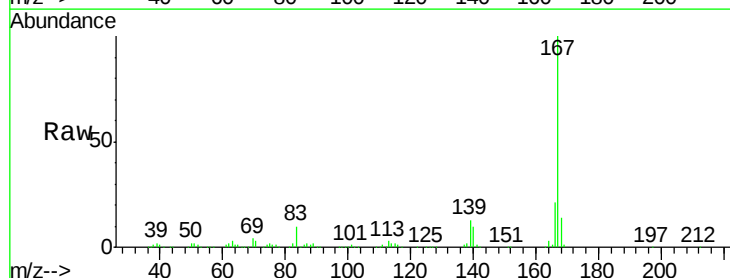


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

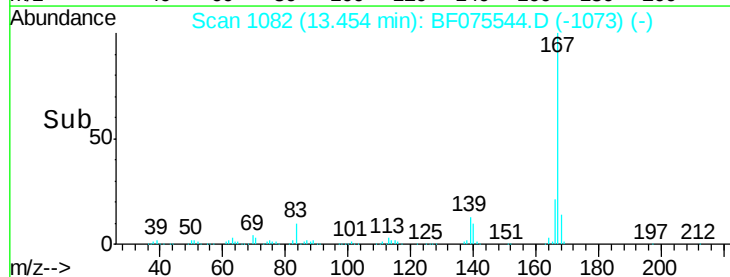
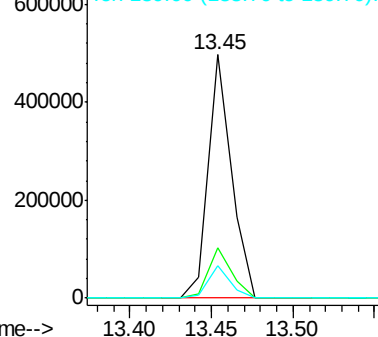


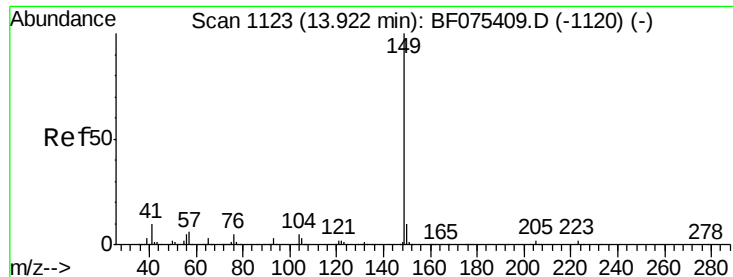
#72
 Carbazole
 Concen: 61.92 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion:167 Resp: 486831
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 13.2 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: 50.73 ng

RT: 13.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

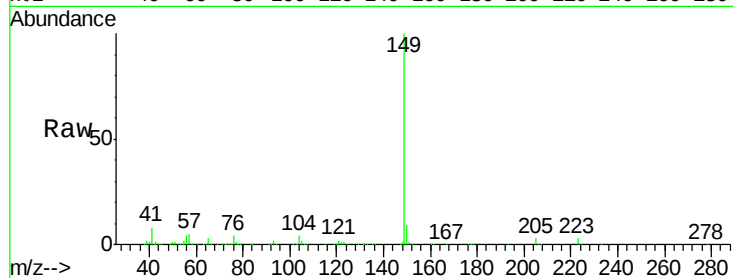
Tgt Ion:149 Resp: 550996

Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

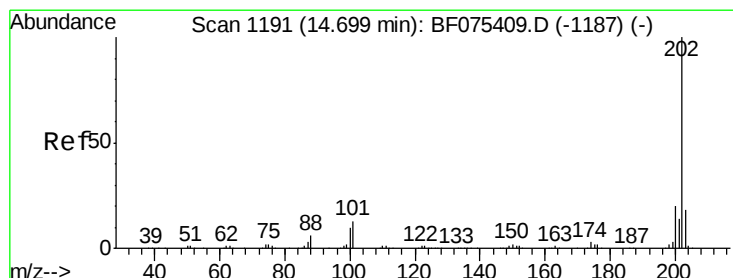
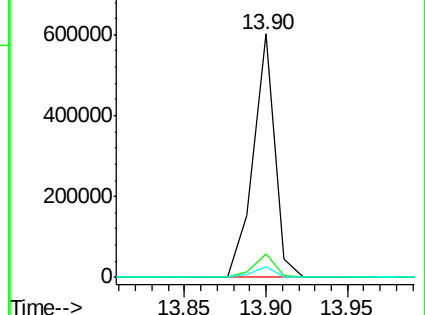
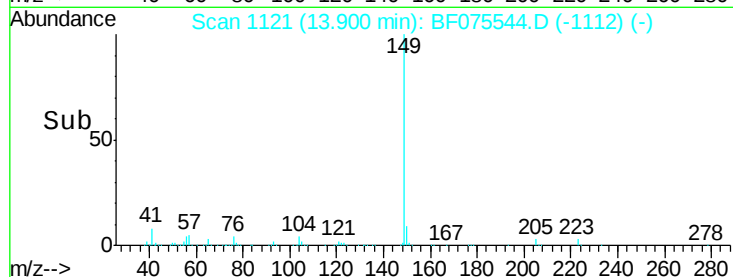
104 4.2 3.1 4.7



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: 63.80 ng

RT: 14.68 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

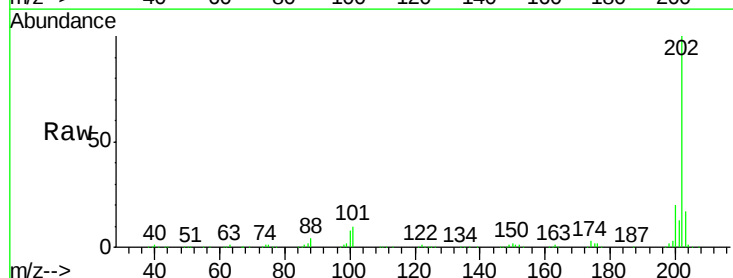
Tgt Ion:202 Resp: 531260

Ion Ratio Lower Upper

202 100

101 10.2 0.0 36.6

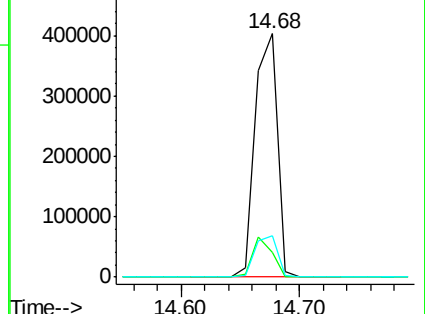
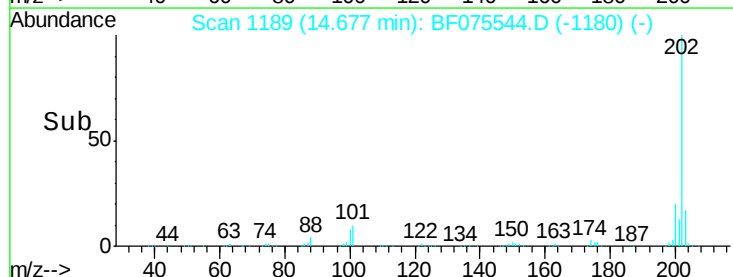
203 16.8 0.0 38.2

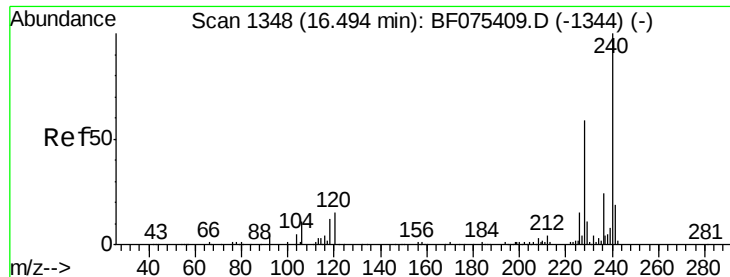


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

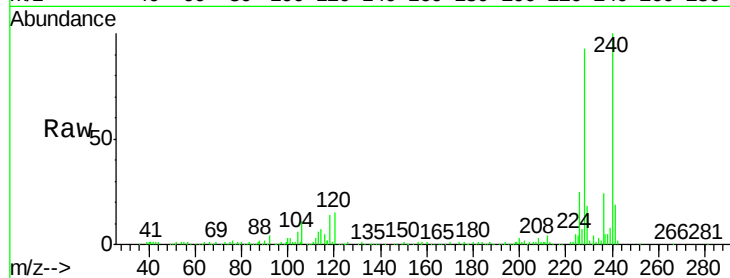
Tgt Ion:240 Resp: 163449

Ion Ratio Lower Upper

240 100

120 14.9 9.6 14.4#

236 24.0 18.9 28.3

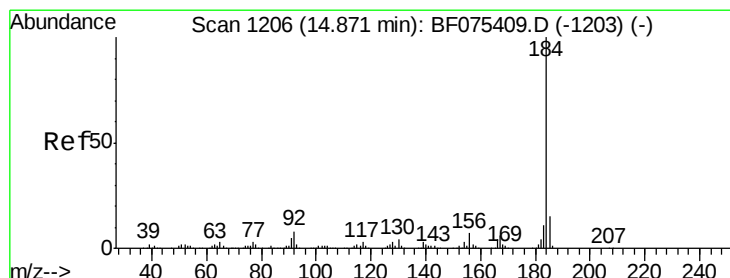
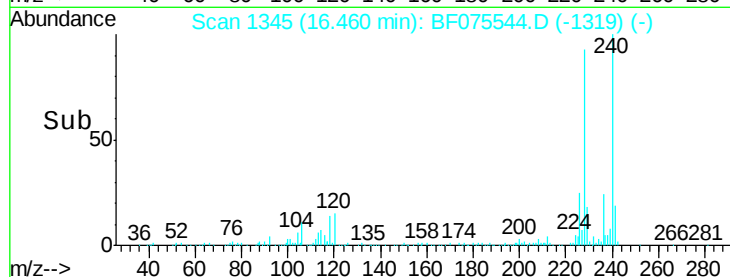
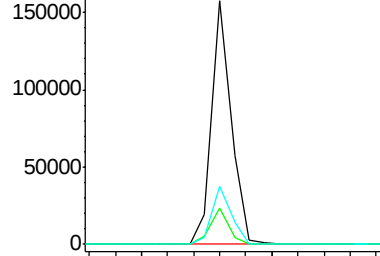


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

16.46



#76

Benzidine

Concen: 29.76 ng

RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

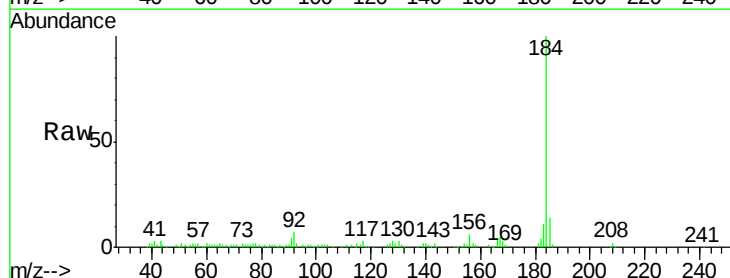
Tgt Ion:184 Resp: 154659

Ion Ratio Lower Upper

184 100

185 14.3 10.9 16.3

183 10.9 8.7 13.1

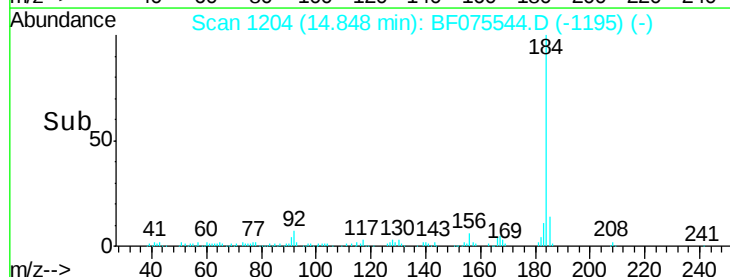
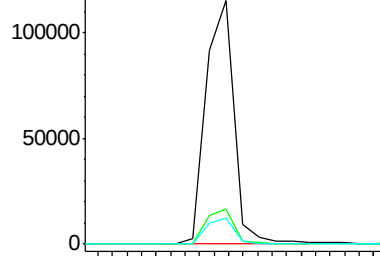


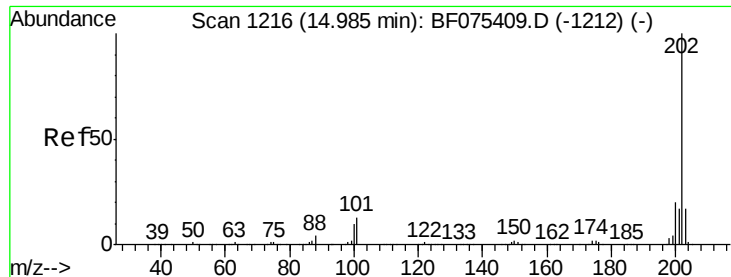
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

14.85

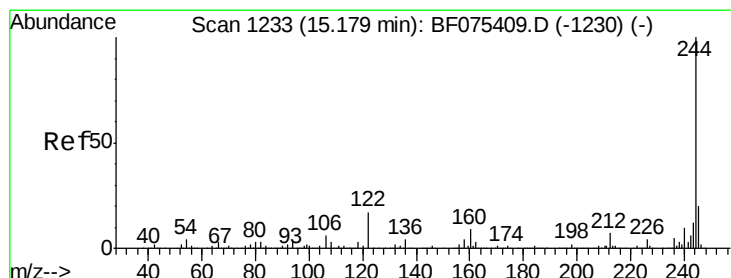
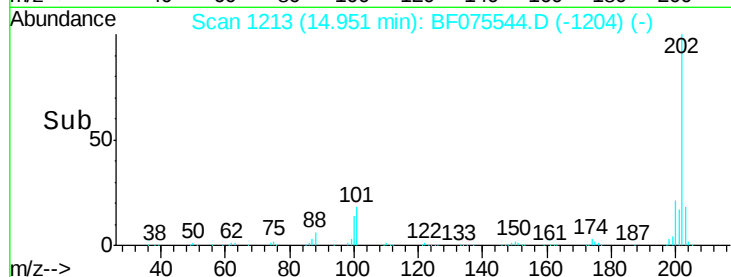
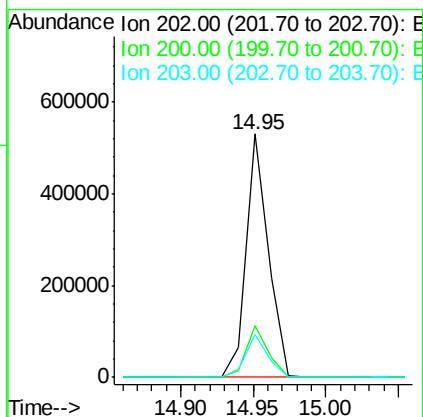
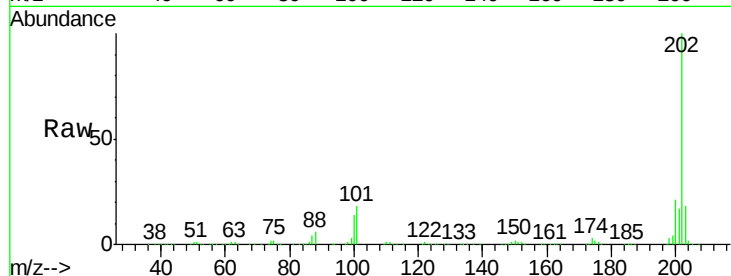




#77
 Pyrene
 Concen: 58.87 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

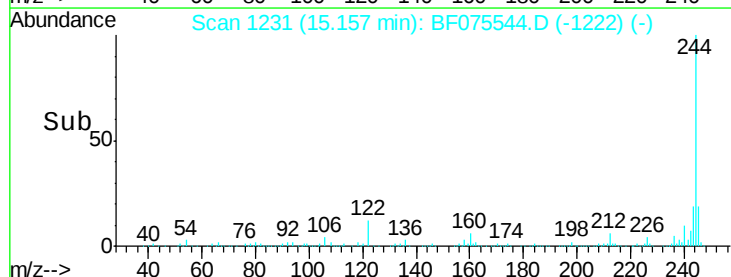
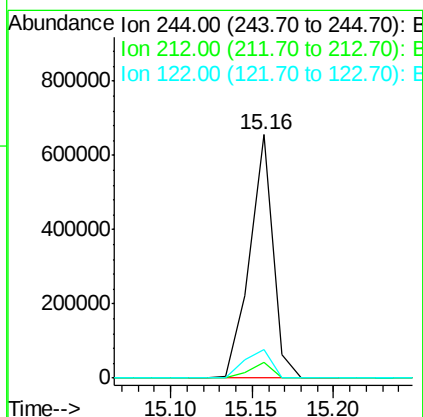
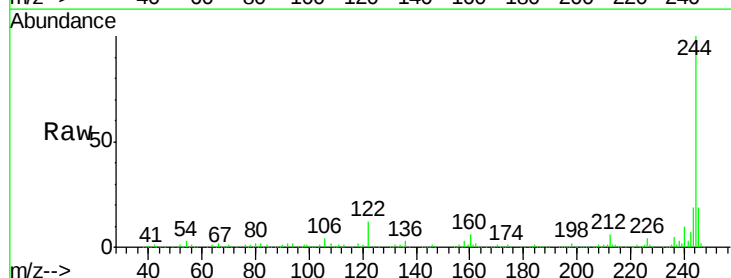
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

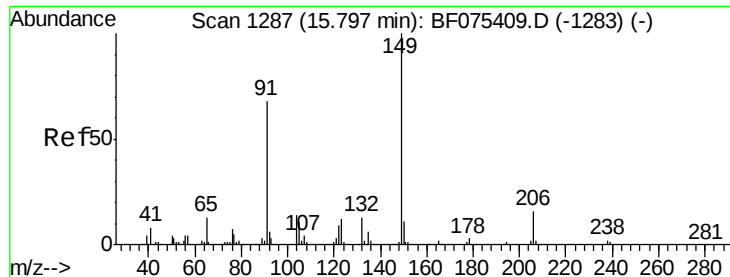
Tgt Ion: 202 Resp: 559388
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.8 25.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 106.64 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion: 244 Resp: 647425
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 12.0 9.7 14.5





#79

Butylbenzylphthalate

Concen: 49.78 ng

RT: 15.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

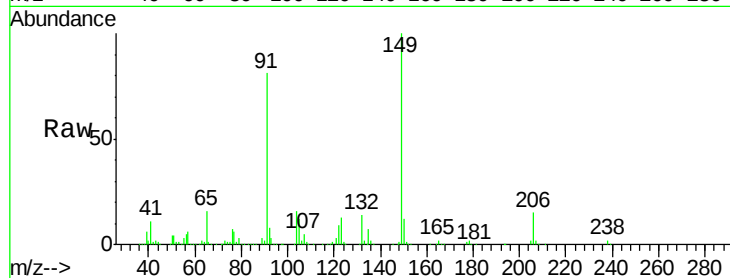
Tgt Ion:149 Resp: 265637

Ion Ratio Lower Upper

149 100

91 81.4 49.0 73.4#

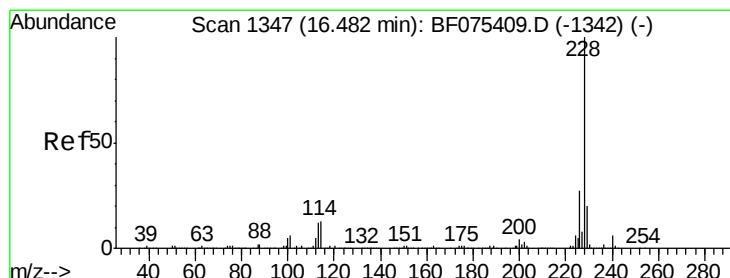
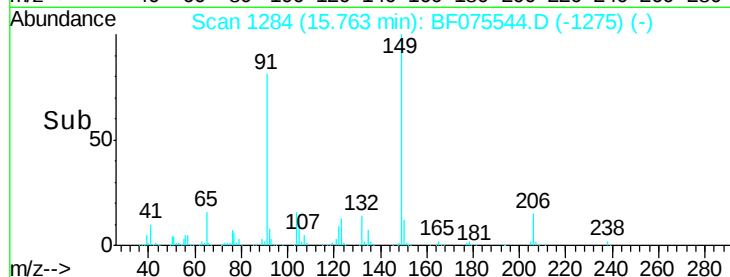
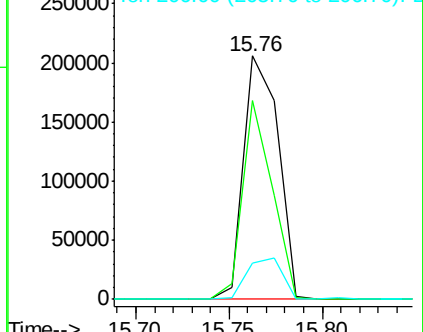
206 14.8 15.5 23.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 61.11 ng

RT: 16.45 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

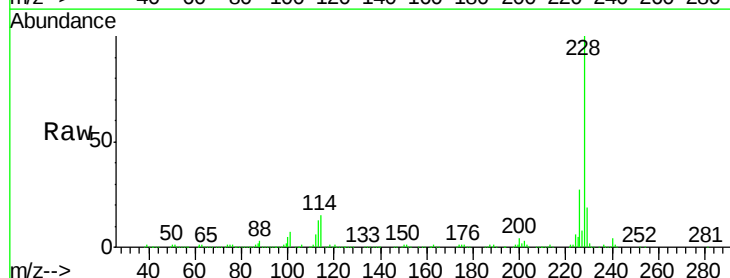
Tgt Ion:228 Resp: 524714

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

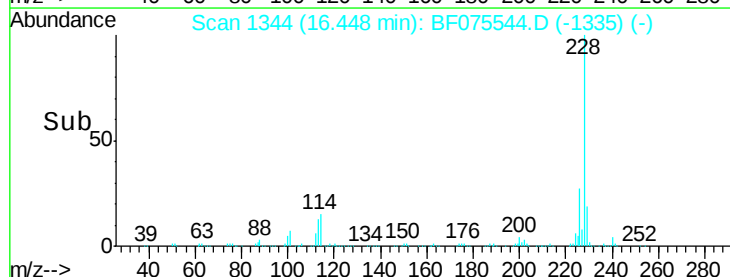
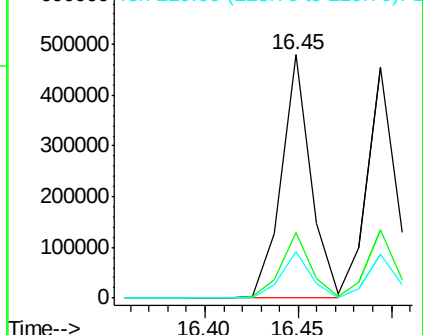
229 19.3 15.3 22.9

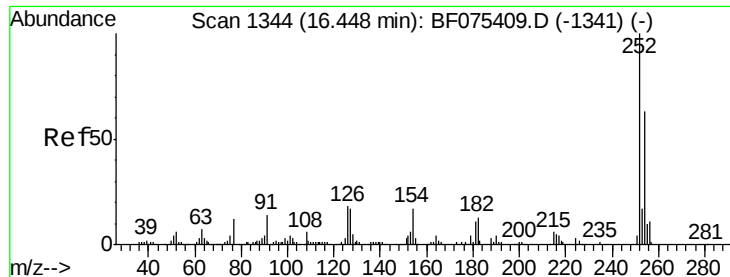


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

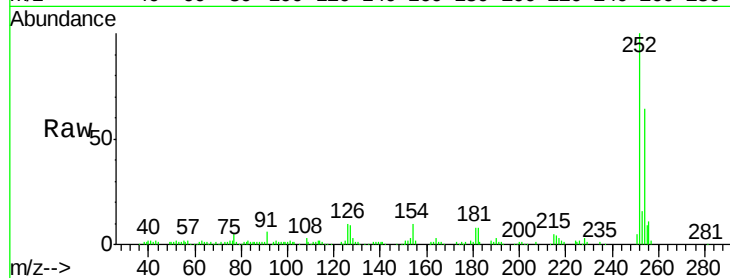




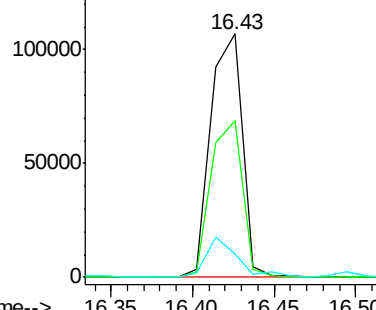
#81
 3,3'-Dichlorobenzidine
 Concen: 45.30 ng
 RT: 16.43 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

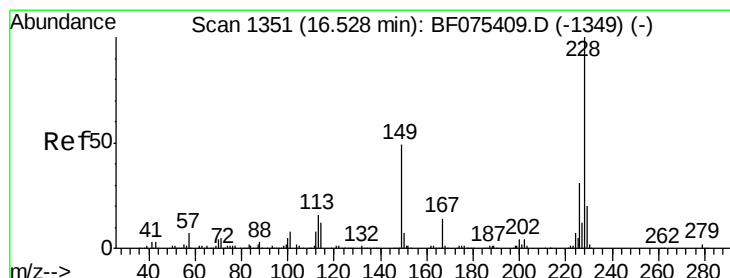
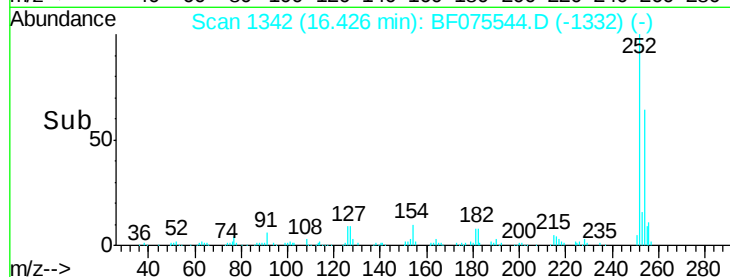
Tgt Ion: 252 Resp: 143630
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.0 75.0
 126 9.7 16.0 24.0#



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

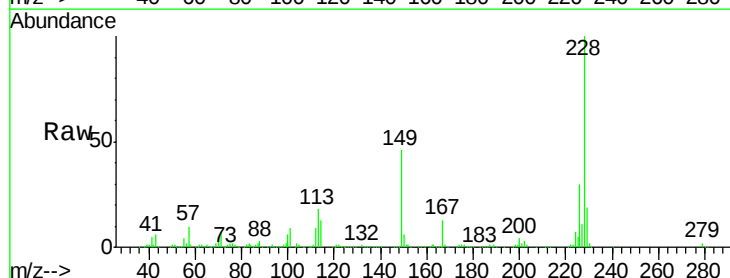


Time-->

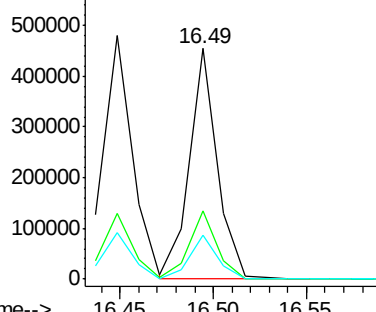


#82
 Chrysene
 Concen: 63.41 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

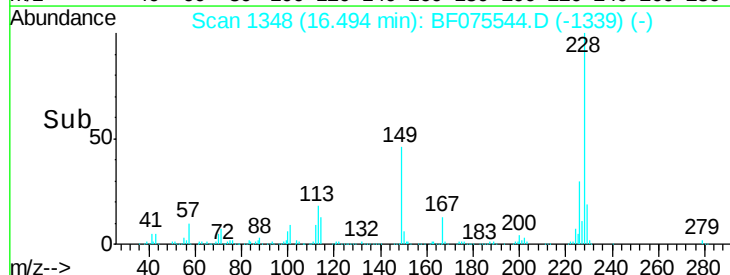
Tgt Ion: 228 Resp: 470894
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.6
 229 18.8 15.8 23.6

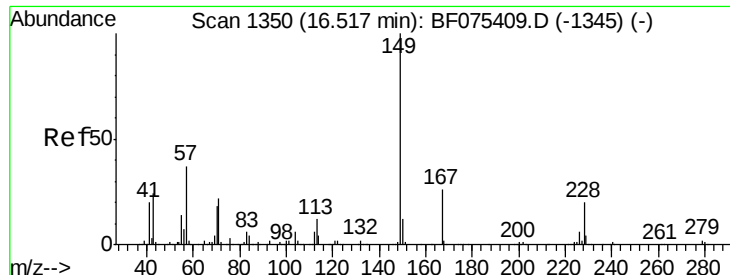


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->

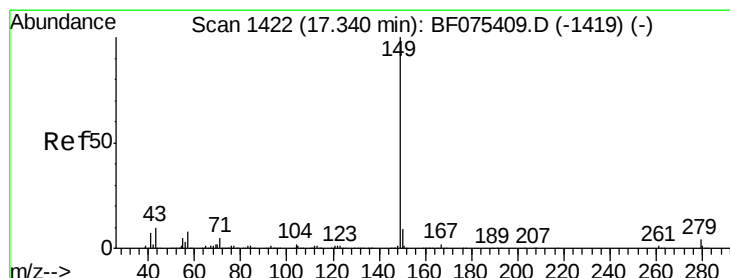
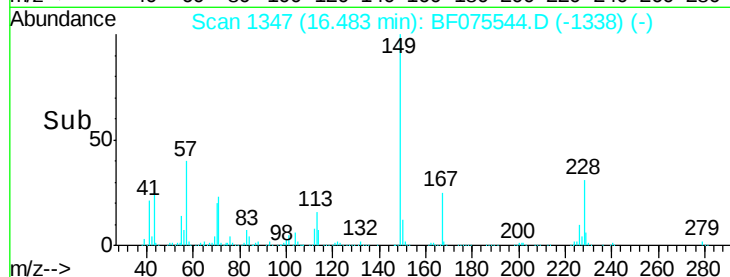
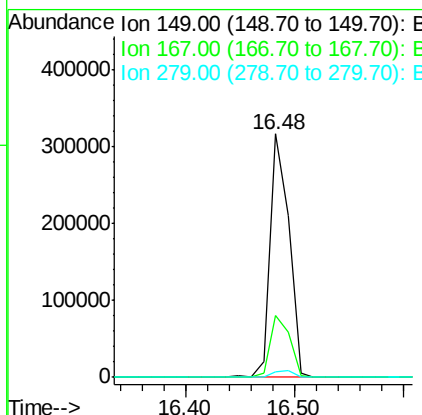
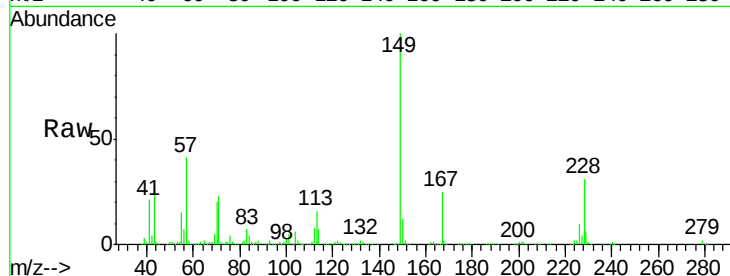




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.49 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

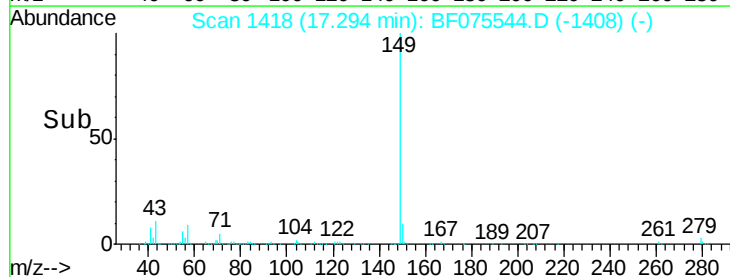
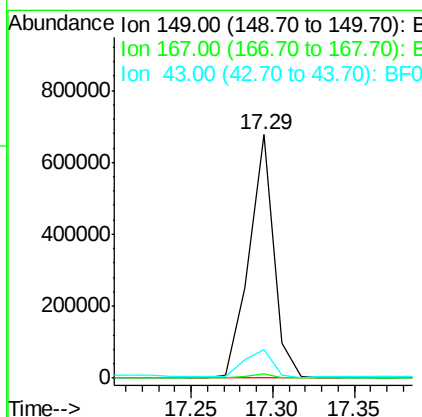
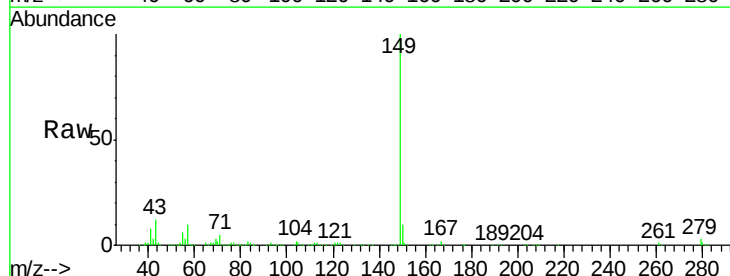
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

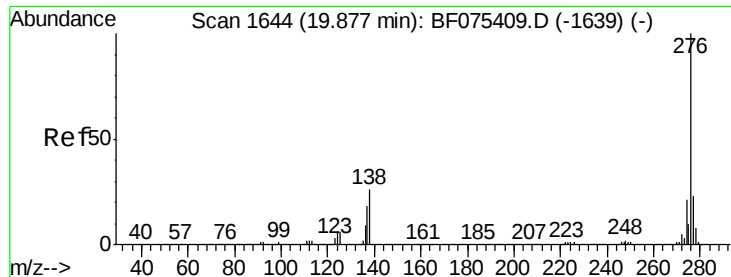
Tgt Ion:149 Resp: 382349
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.2
 279 2.2 2.8 4.2#



#84
 Di-n-octyl phthalate
 Concen: 47.95 ng
 RT: 17.29 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion:149 Resp: 709498
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 12.7 11.0 16.4

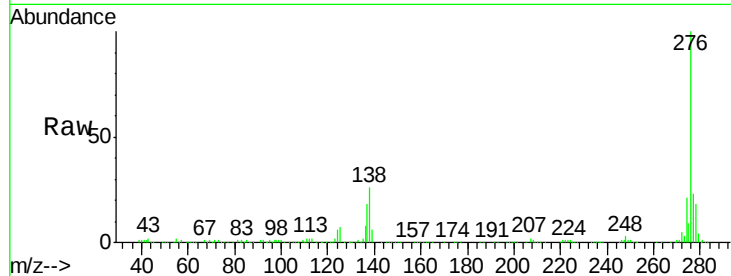




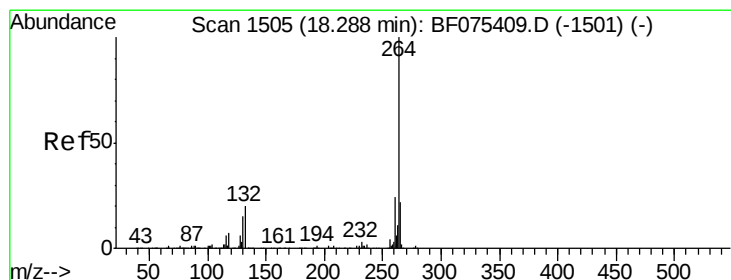
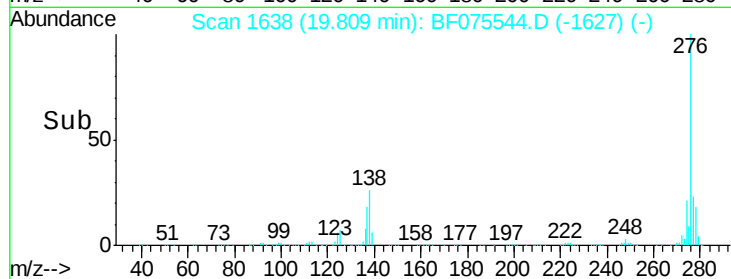
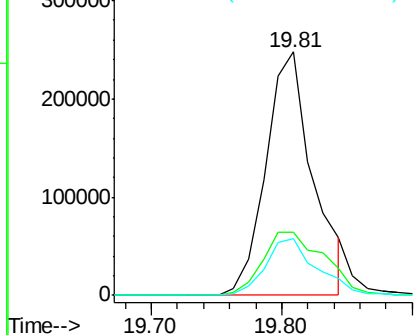
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 69.32 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.02 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MS

Tgt Ion: 276 Resp: 624544
 Ion Ratio Lower Upper
 276 100
 138 32.8 0.0 0.0#
 277 24.4 0.0 0.0#

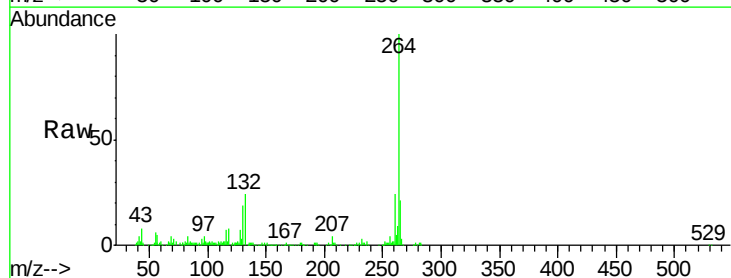


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

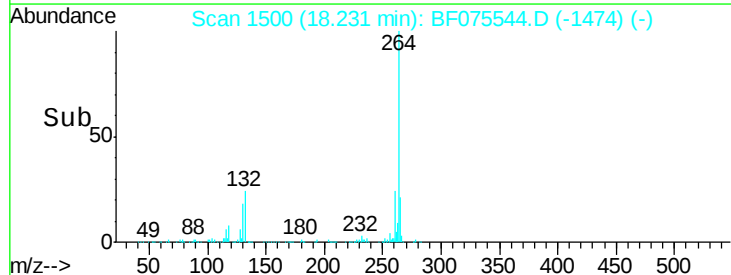
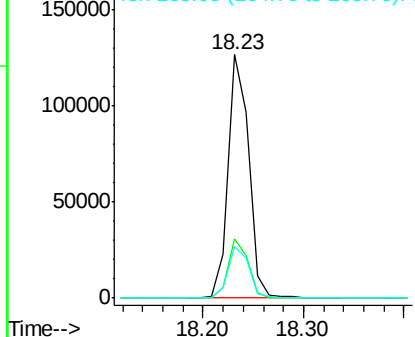


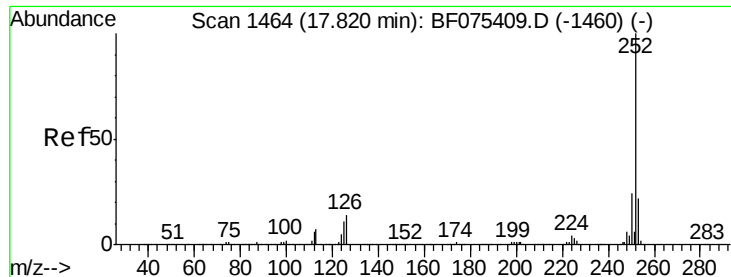
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF075544.D
 Acq: 15 Nov 2014 16:18

Tgt Ion: 264 Resp: 180651
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.9 26.9
 265 21.1 16.3 24.5



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





#87

Benzo(b)fluoranthene

Concen: 58.70 ng

RT: 17.77 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

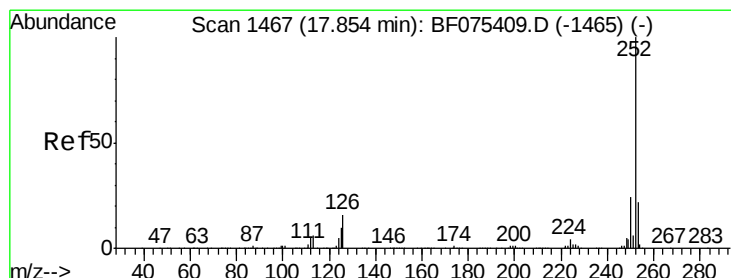
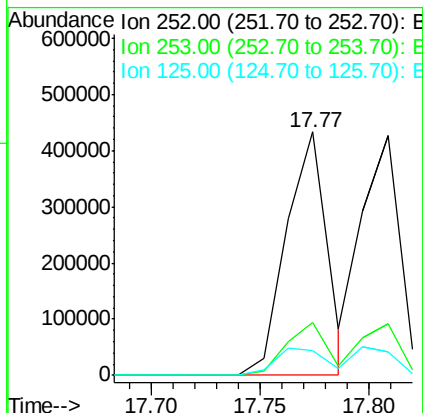
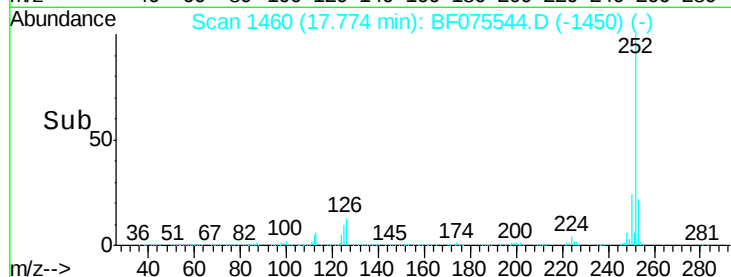
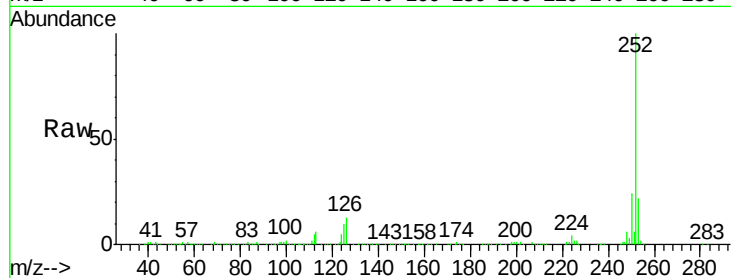
Tgt Ion:252 Resp: 566950

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.0 11.8 17.6#



#88

Benzo(k)fluoranthene

Concen: 60.75 ng

RT: 17.81 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

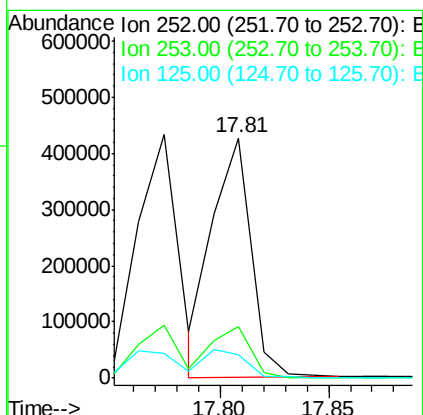
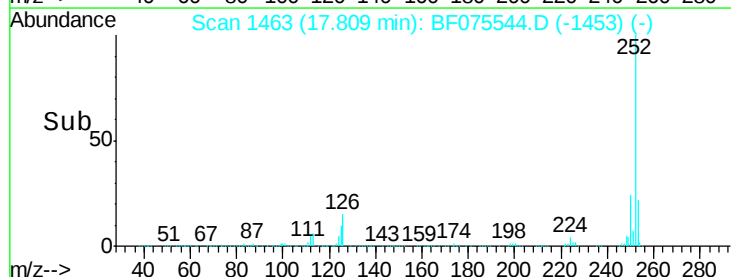
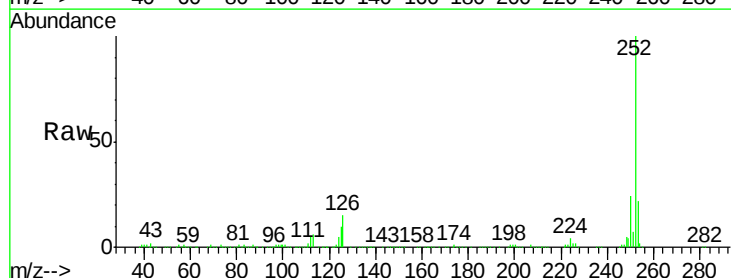
Tgt Ion:252 Resp: 526573

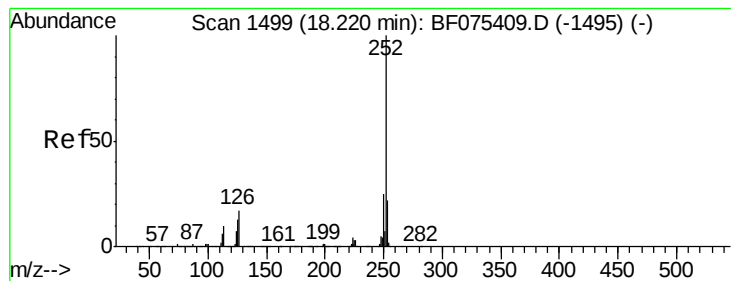
Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 10.0 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 63.34 ng

RT: 18.17 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS

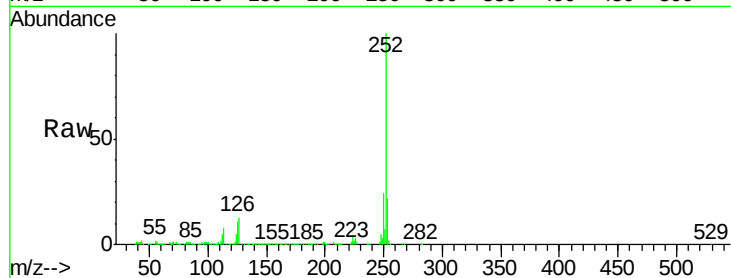
Tgt Ion:252 Resp: 547445

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

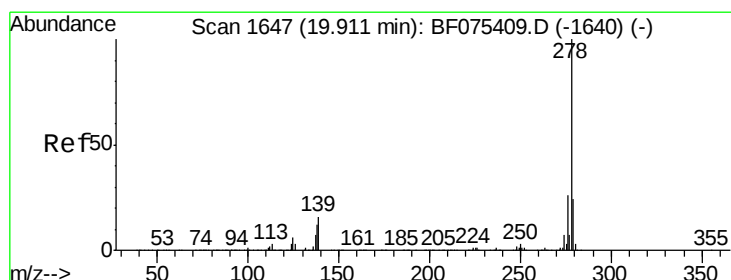
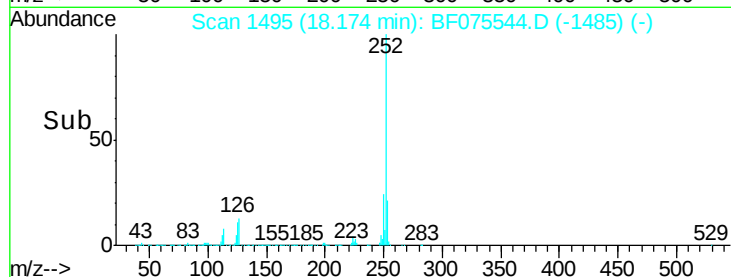
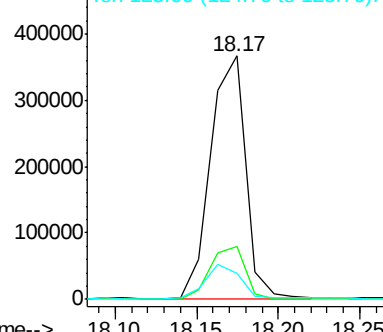
125 10.7 12.2 18.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 61.70 ng

RT: 19.83 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BF075544.D

Acq: 15 Nov 2014 16:18

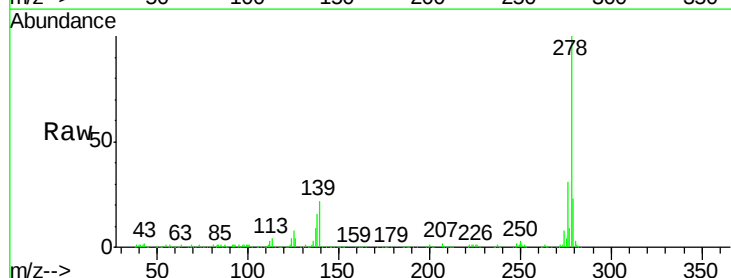
Tgt Ion:278 Resp: 556889

Ion Ratio Lower Upper

278 100

139 21.7 13.6 20.4#

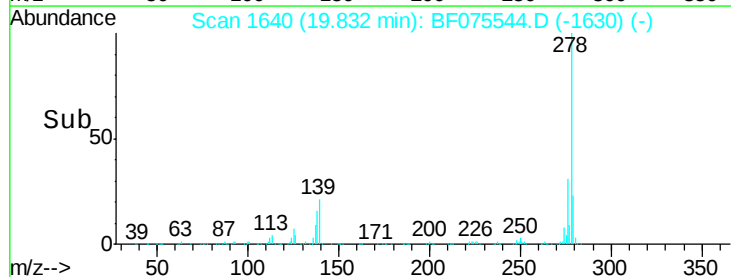
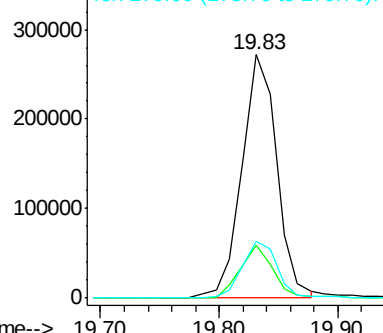
279 23.2 19.4 29.0

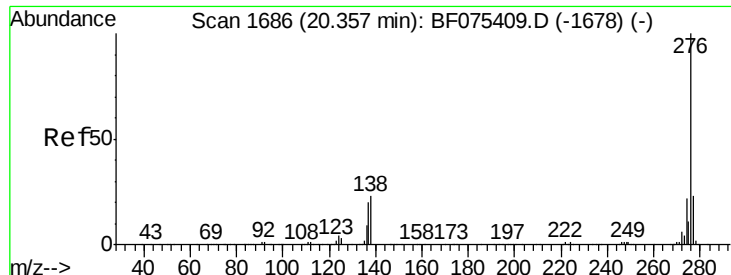


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 64.92 ng

RT: 20.28 min Scan# 1679

Delta R.T. 0.02 min

Lab File: BF075544.D

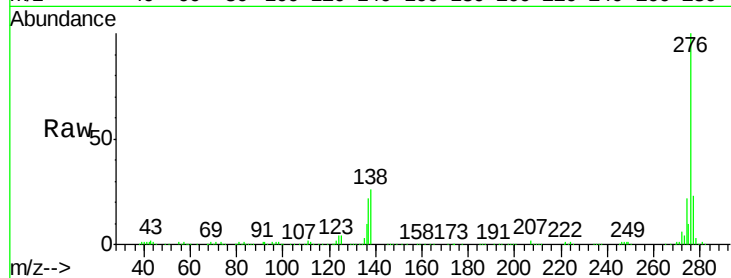
Acq: 15 Nov 2014 16:18

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MS



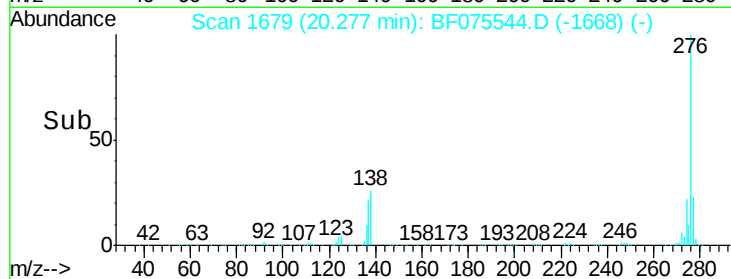
Tgt Ion: 276 Resp: 558255

Ion Ratio Lower Upper

276 100

277 23.2 17.8 26.8

138 26.1 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

