

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078409.D
 Acq On : 10 Apr 2015 19:54
 Operator : TP/IZ
 Sample : G1791-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Quant Time: Apr 11 00:50:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	29678	20.00	ng	-0.01
21) Naphthalene-d8	8.44	136	125087	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	67859	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	139920	20.00	ng	0.00
75) Chrysene-d12	15.69	240	153136	20.00	ng	0.00
86) Perylene-d12	17.43	264	147204	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	163624	90.90	ng	0.00
7) Phenol-d6	6.45	99	208564	92.46	ng	-0.01
23) Nitrobenzene-d5	7.56	82	121539	58.89	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	57949	102.97	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	222364	46.84	ng	0.00
78) Terphenyl-d14	14.41	244	302083	44.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.65	88	28813	35.40	ng	# 80
3) Pyridine	2.25	79	62454	29.29	ng	92
4) n-Nitrosodimethylamine	2.19	42	20466	24.94	ng	94
6) Aniline	6.44	93	66061	20.65	ng	92
8) 2-Chlorophenol	6.59	128	67660	31.79	ng	97
9) Benzaldehyde	6.29	77	20494	13.71	ng	84
10) Phenol	6.48	94	87282	32.29	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	60864	31.31	ng	92
12) 1,3-Dichlorobenzene	6.77	146	67908	29.05	ng	99
13) 1,4-Dichlorobenzene	6.88	146	68144	28.96	ng	99
14) 1,2-Dichlorobenzene	7.06	146	65968	29.90	ng	98
15) Benzyl Alcohol	7.06	79	54656	34.48	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	85372	32.93	ng	97
17) 2-Methylphenol	7.22	107	52155	31.56	ng	97
18) Hexachloroethane	7.48	117	23793	29.98	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	47066	31.62	ng	# 88
20) 3+4-Methylphenols	7.42	107	71681	32.52	ng	90
22) Acetophenone	7.38	105	95302	32.70	ng	# 92
24) Nitrobenzene	7.58	77	68336	31.68	ng	92
25) Isophorone	7.88	82	124308	31.74	ng	# 91
26) 2-Nitrophenol	7.97	139	32159	31.28	ng	# 78
27) 2,4-Dimethylphenol	8.06	122	61485	32.16	ng	95
28) bis(2-Chloroethoxy)methane	8.18	93	83425	33.22	ng	98
29) 2,4-Dichlorophenol	8.28	162	58524	33.65	ng	89
30) 1,2,4-Trichlorobenzene	8.37	180	59044	29.61	ng	98
31) Naphthalene	8.46	128	194606	29.89	ng	99
32) Benzoic acid	8.16	122	4249	9.95	ng	97
33) 4-Chloroaniline	8.56	127	63415	23.47	ng	97
34) Hexachlorobutadiene	8.62	225	32812	29.97	ng	97
35) Caprolactam	8.97	113	17811	34.31	ng	# 84
36) 4-Chloro-3-methylphenol	9.17	107	62123	35.40	ng	92
37) 2-Methylnaphthalene	9.32	142	135558	30.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	59072	28.09	ng	99
40) Hexachlorocyclopentadiene	9.50	237	43492	50.77	ng	98

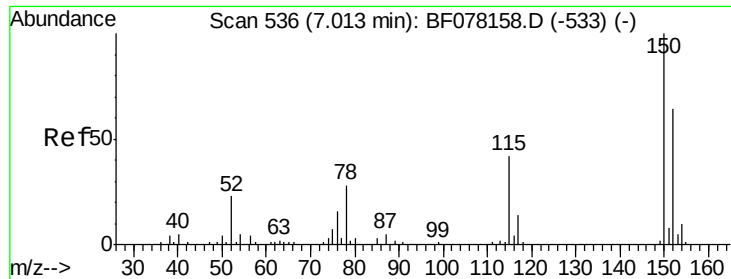
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	43297	32.65	ng	97
43) 2,4,5-Trichlorophenol	9.72	196	43326	31.27	ng	98
45) 1,1'-Biphenyl	9.90	154	164726	29.68	ng	99
46) 2-Chloronaphthalene	9.92	162	129876	29.74	ng	96
47) 2-Nitroaniline	10.05	65	36362	33.65	ng	96
48) Acenaphthylene	10.42	152	209481	29.70	ng	100
49) Dimethylphthalate	10.30	163	186145	36.51	ng	# 97
50) 2,6-Dinitrotoluene	10.37	165	32742	31.22	ng	96
51) Acenaphthene	10.64	154	119475	30.09	ng	100
52) 3-Nitroaniline	10.57	138	36217	30.37	ng	95
53) 2,4-Dinitrophenol	10.70	184	8406	32.04	ng	94
54) Dibenzofuran	10.85	168	184681	30.45	ng	92
55) 4-Nitrophenol	10.81	139	52792	60.80	ng	# 79
56) 2,4-Dinitrotoluene	10.86	165	45786	33.70	ng	# 88
57) Fluorene	11.26	166	152006	30.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	36147	35.20	ng	# 97
59) Diethylphthalate	11.17	149	162290	33.01	ng	99
60) 4-Chlorophenyl-phenylether	11.29	204	72960	32.26	ng	# 89
61) 4-Nitroaniline	11.31	138	35548	29.48	ng	91
62) Azobenzene	11.48	77	193466	43.12	ng	88
64) 4,6-Dinitro-2-methylphenol	11.36	198	16930	28.59	ng	# 75
65) n-Nitrosodiphenylamine	11.44	169	139074	28.73	ng	97
66) 4-Bromophenyl-phenylether	11.88	248	41212	27.81	ng	94
67) Hexachlorobenzene	11.94	284	45515	28.03	ng	96
68) Atrazine	12.12	200	47618	33.97	ng	98
69) Pentachlorophenol	12.19	266	42701	61.31	ng	99
70) Phenanthrene	12.44	178	228218	28.20	ng	99
71) Anthracene	12.51	178	234831	29.44	ng	99
72) Carbazole	12.73	167	231807	31.01	ng	99
73) Di-n-butylphthalate	13.20	149	287463	33.95	ng	99
74) Fluoranthene	13.91	202	264915	31.04	ng	99
76) Benzidine	14.11	184	147141	24.95	ng	98
77) Pyrene	14.18	202	276663	28.78	ng	99
79) Butylbenzylphthalate	15.04	149	129848	35.44	ng	89
80) Benzo(a)anthracene	15.68	228	275252	30.21	ng	100
81) 3,3'-Dichlorobenzidine	15.67	252	82329	26.98	ng	# 99
82) Chrysene	15.71	228	238005	27.80	ng	99
83) Bis(2-ethylhexyl)phthalate	15.77	149	206760	35.98	ng	98
84) Di-n-octyl phthalate	16.57	149	355288	37.65	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.68	276	281228	28.95	ng	# 86
87) Benzo(b)fluoranthene	16.98	252	258786	28.45	ng	98
88) Benzo(k)fluoranthene	16.98	252	258843	32.02	ng	# 93
89) Benzo(a)pyrene	17.36	252	247769	31.21	ng	98
90) Dibenzo(a,h)anthracene	18.71	278	234993	29.56	ng	99
91) Benzo(g,h,i)perylene	19.04	276	232689	29.20	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

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Acq: 10 Apr 2015 19:54

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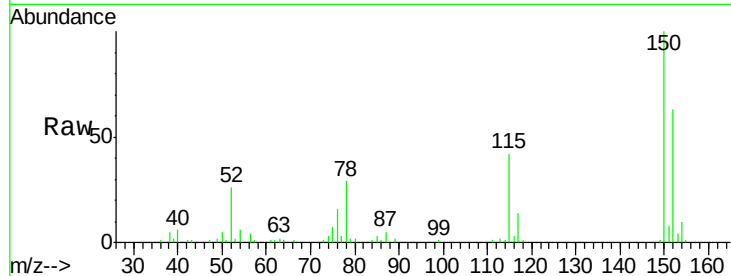
Tgt Ion:152 Resp: 29678

Ion Ratio Lower Upper

152 100

150 159.6 125.9 188.9

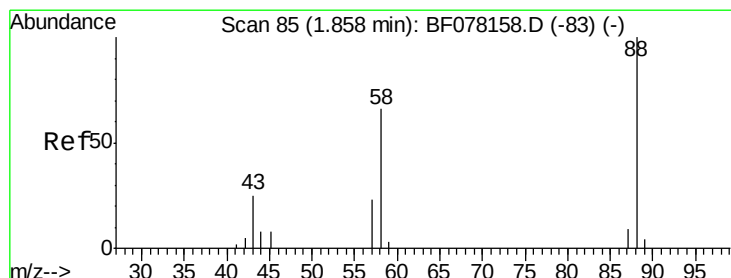
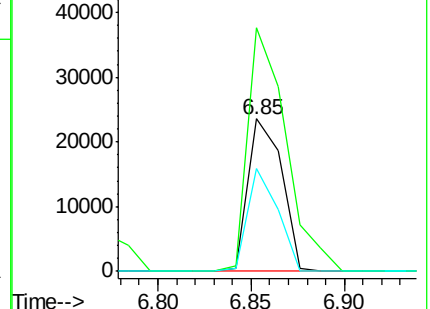
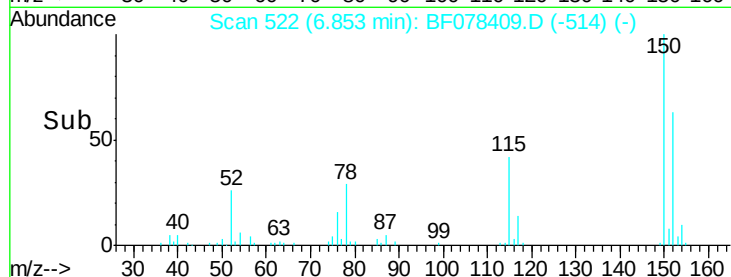
115 67.0 52.7 79.1



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: 35.40 ng

RT: 1.65 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

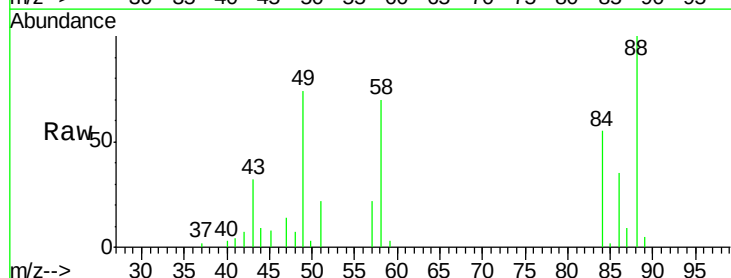
Tgt Ion: 88 Resp: 28813

Ion Ratio Lower Upper

88 100

58 52.7 56.9 85.3#

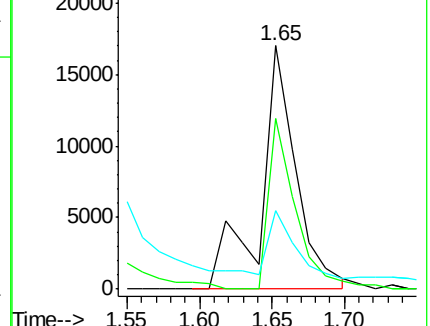
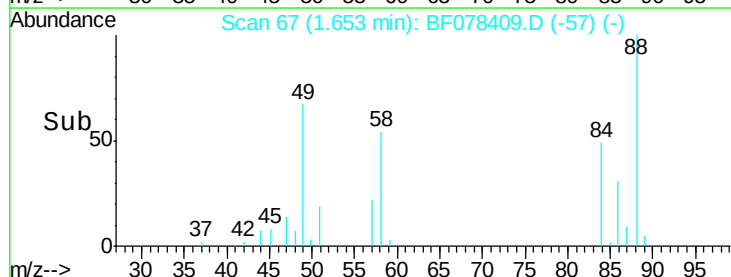
43 20.3 21.4 32.2#

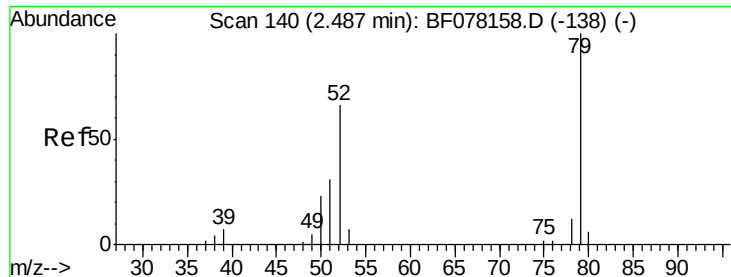


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.29 ng

RT: 2.25 min Scan# 119

Delta R.T. 0.02 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

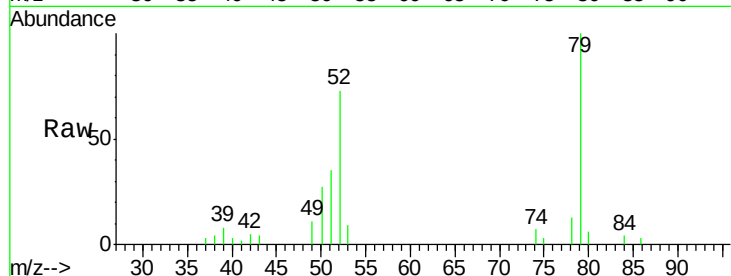
Tgt Ion: 79 Resp: 62454

Ion Ratio Lower Upper

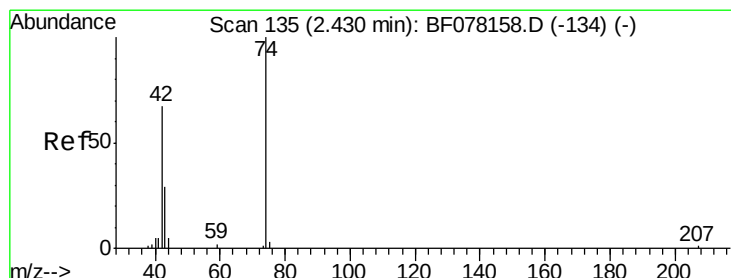
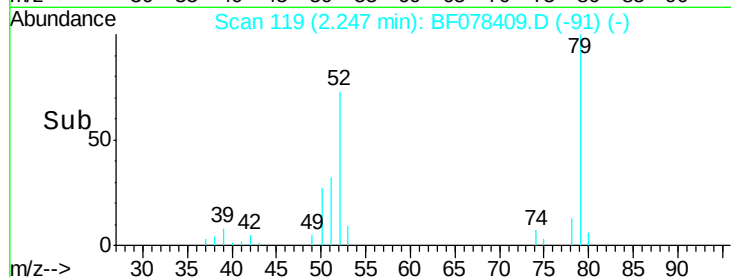
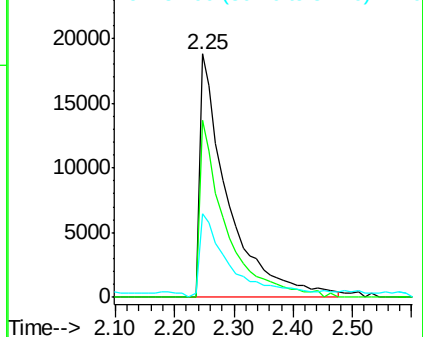
79 100

52 72.8 52.4 78.6

51 34.6 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 24.94 ng

RT: 2.19 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

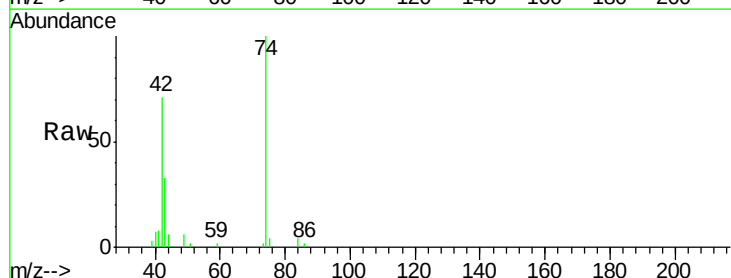
Tgt Ion: 42 Resp: 20466

Ion Ratio Lower Upper

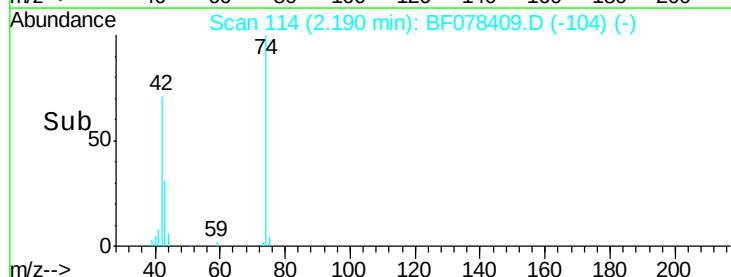
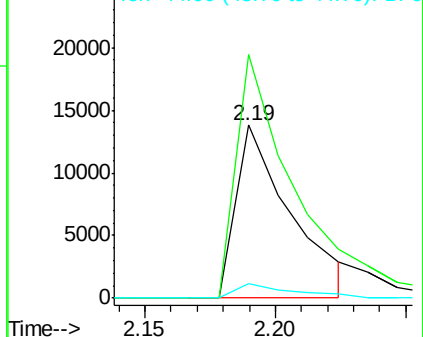
42 100

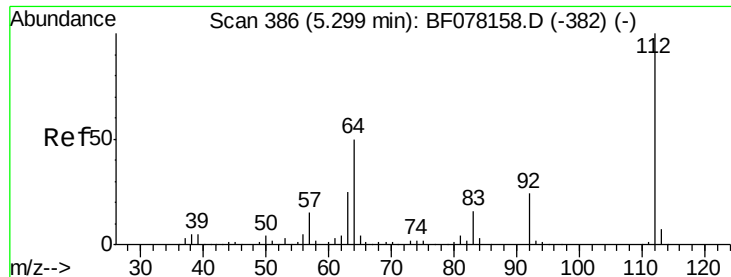
74 140.7 118.7 178.1

44 8.3 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 90.90 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

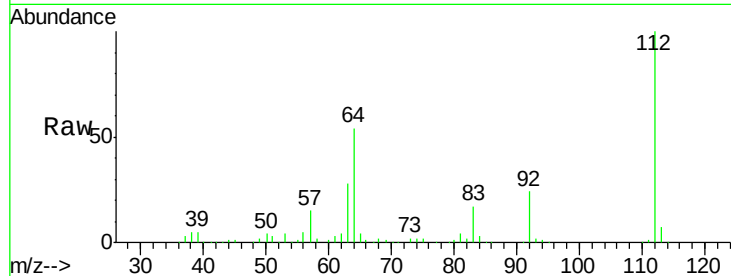
Tgt Ion: 112 Resp: 163624

Ion Ratio Lower Upper

112 100

64 53.9 39.9 59.9

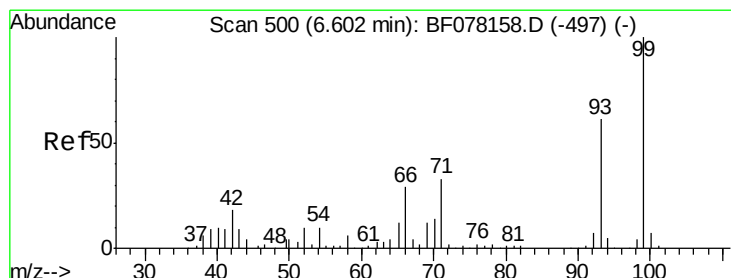
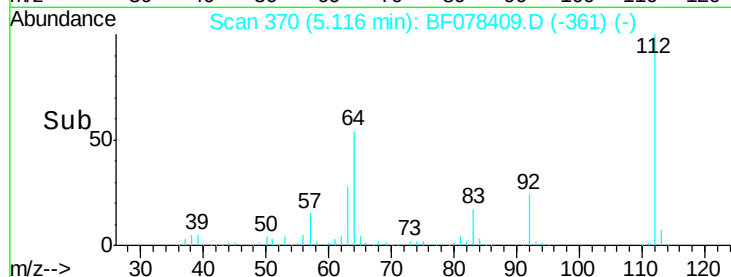
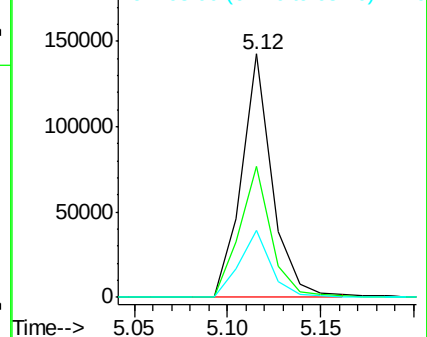
63 27.6 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.65 ng

RT: 6.44 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

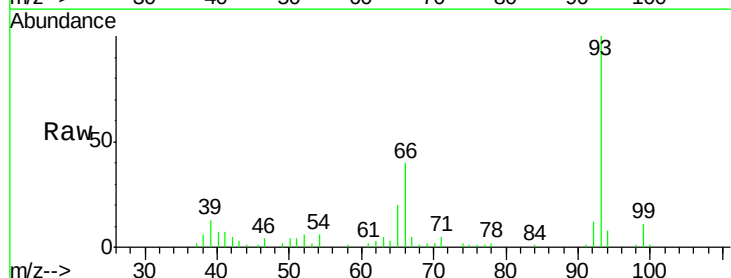
Tgt Ion: 93 Resp: 66061

Ion Ratio Lower Upper

93 100

66 39.9 38.0 57.0

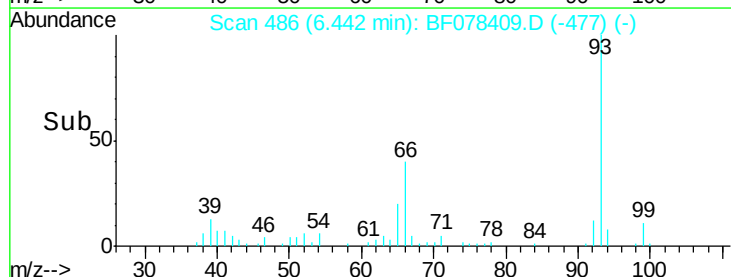
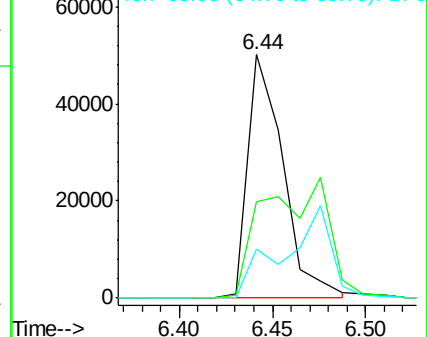
65 20.0 16.3 24.5

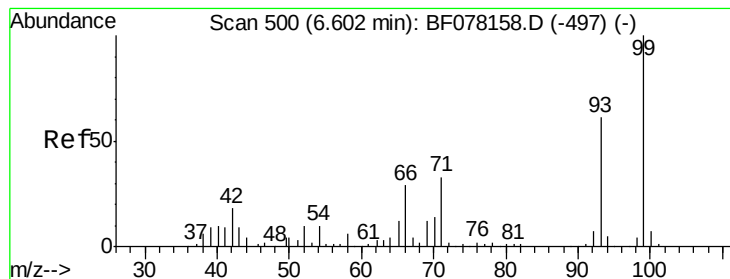


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.46 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078409.D

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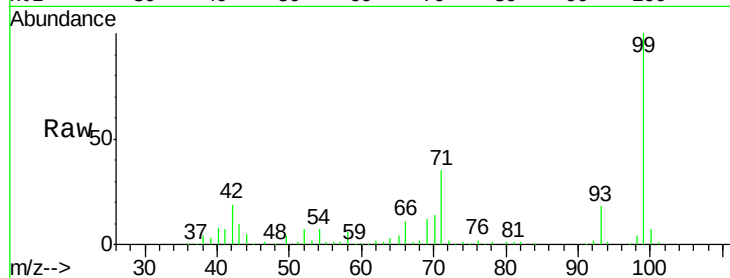
Tgt Ion: 99 Resp: 208564

Ion Ratio Lower Upper

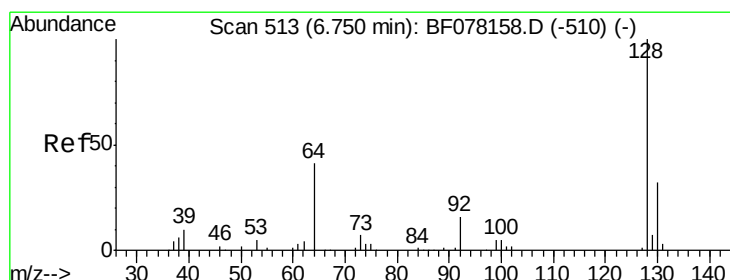
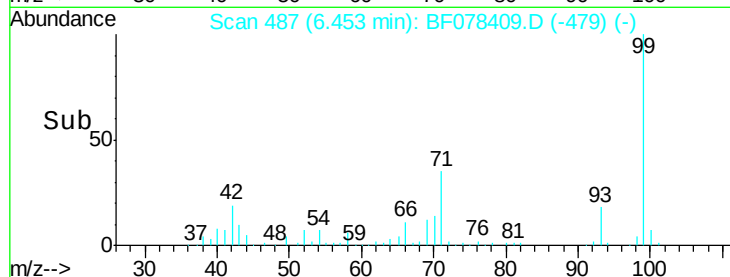
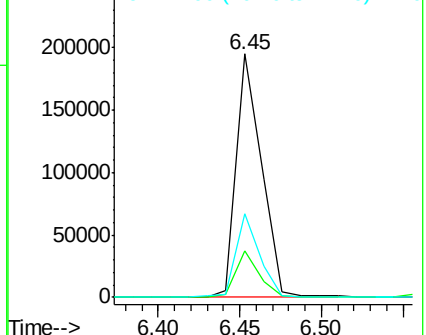
99 100

42 19.3 14.8 22.2

71 34.5 26.6 39.8



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



#8

2-Chlorophenol

Concen: 31.79 ng

RT: 6.59 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

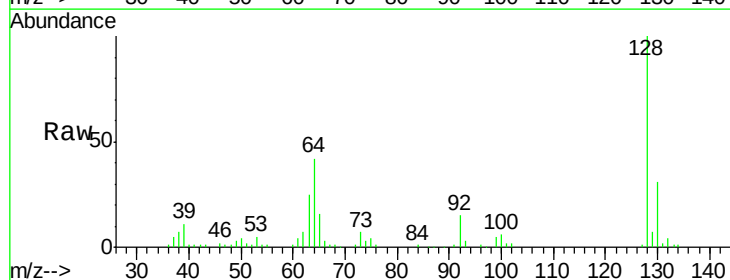
Tgt Ion: 128 Resp: 67660

Ion Ratio Lower Upper

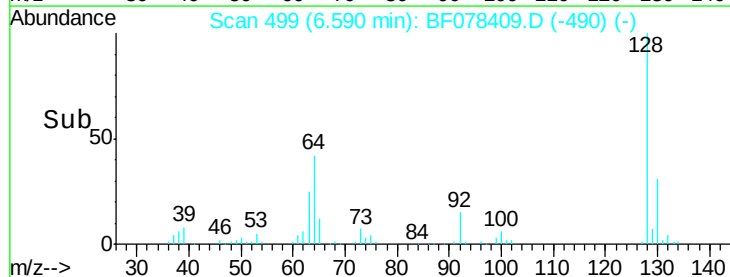
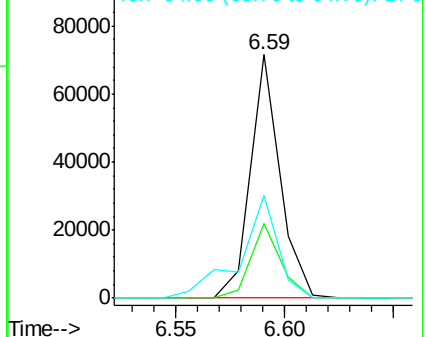
128 100

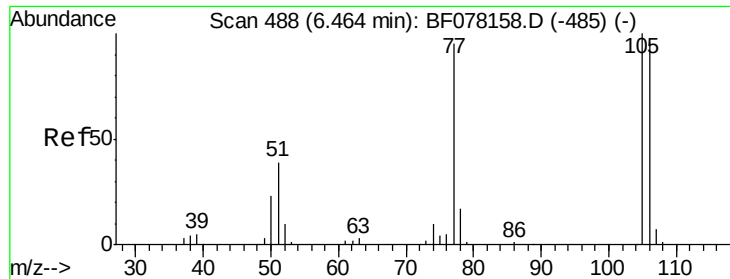
130 30.9 12.3 52.3

64 42.0 23.8 63.8



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: 13.71 ng

RT: 6.29 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

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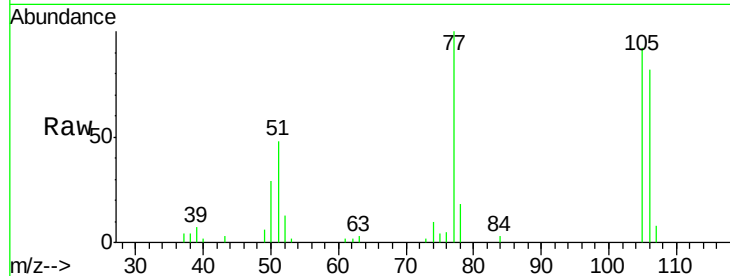
Tgt Ion: 77 Resp: 20494

Ion Ratio Lower Upper

77 100

105 91.9 85.4 125.4

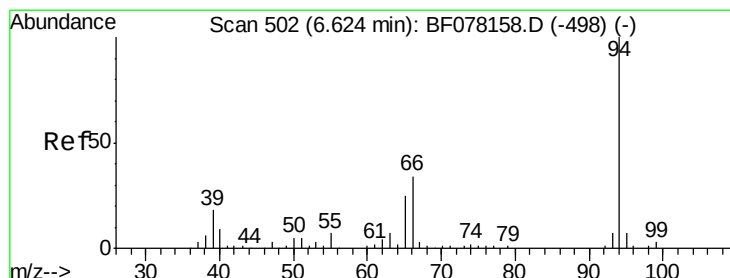
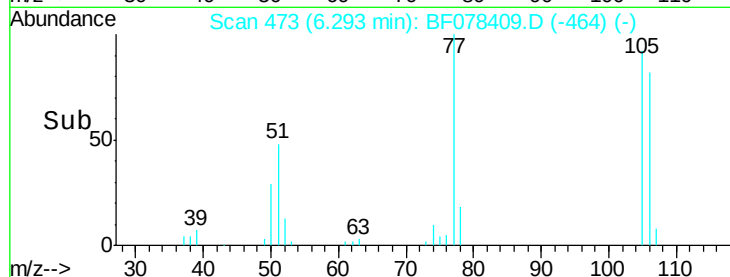
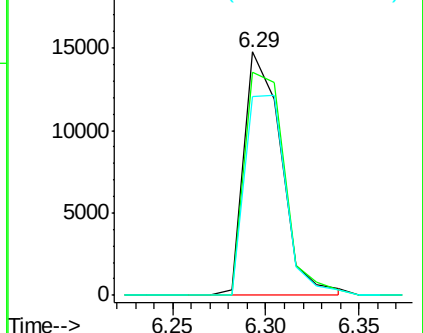
106 81.9 80.8 120.8



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: 32.29 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

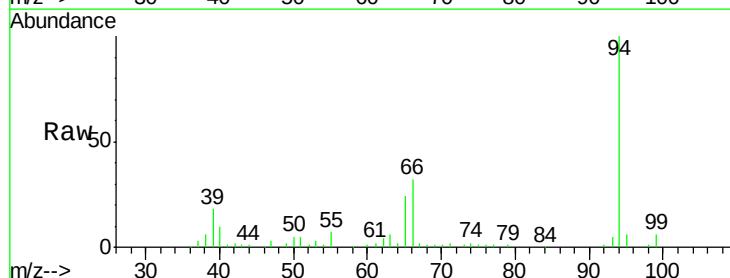
Tgt Ion: 94 Resp: 87282

Ion Ratio Lower Upper

94 100

65 24.5 4.9 44.9

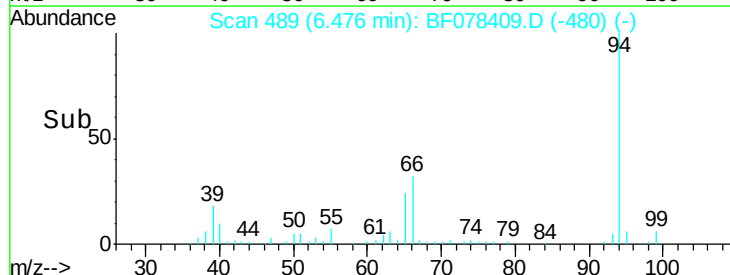
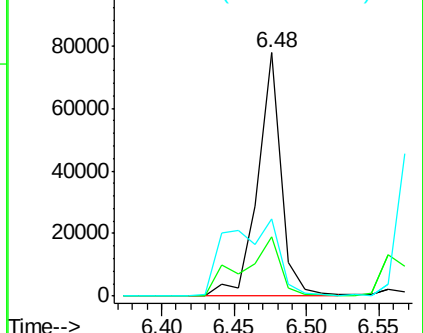
66 31.9 13.8 53.8

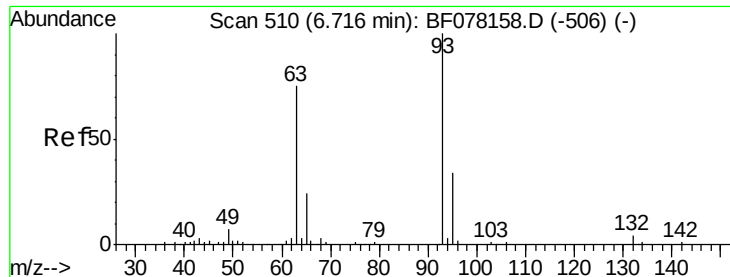


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

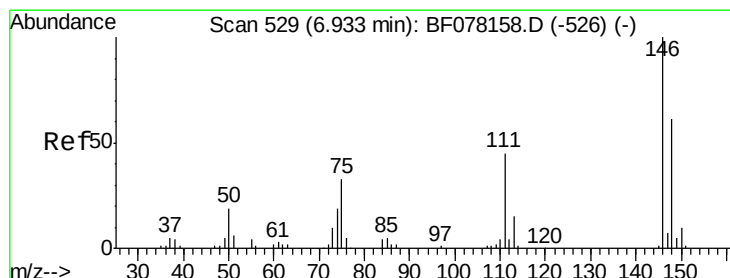
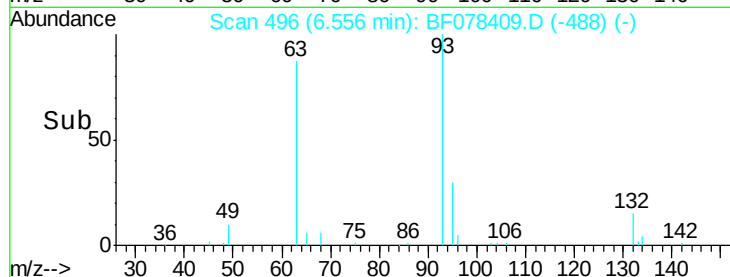
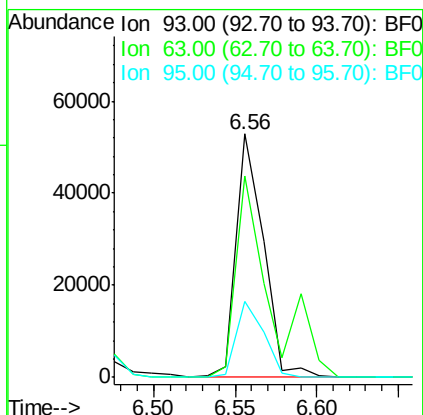
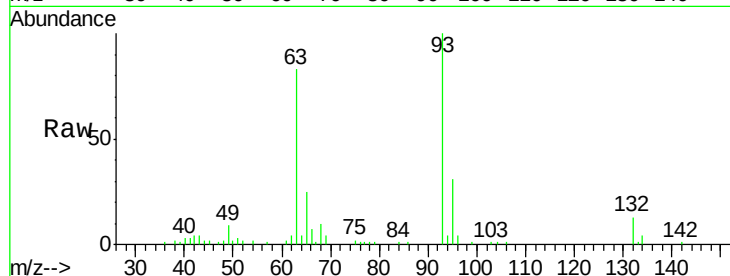




#11
bis(2-Chloroethyl)ether
Concen: 31.31 ng
RT: 6.56 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

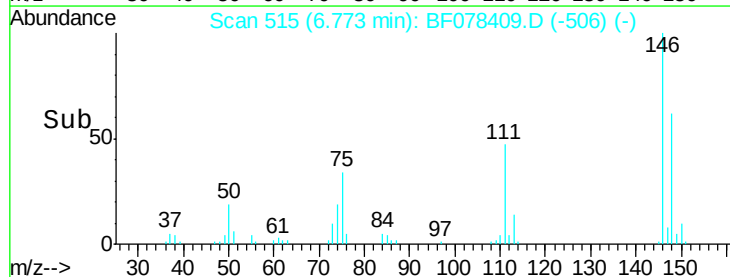
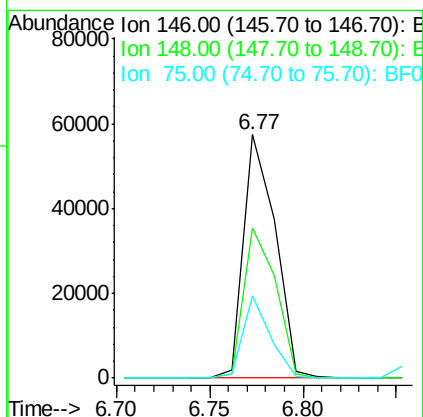
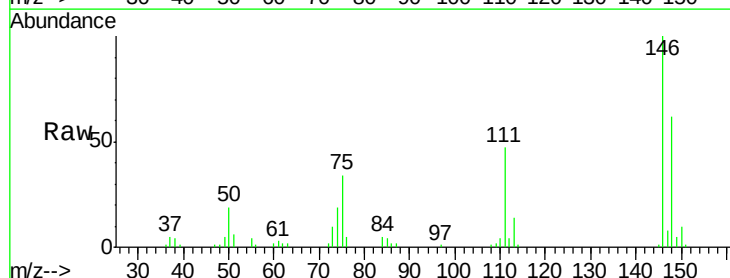
Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

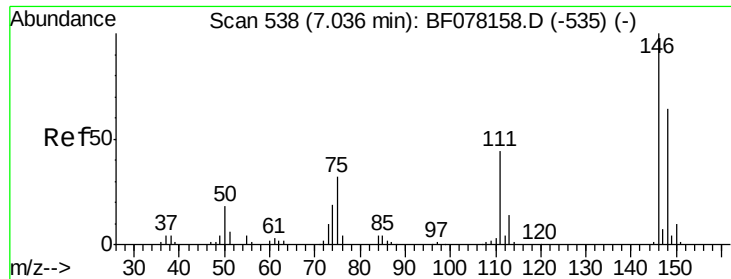
Tgt Ion: 93 Resp: 60864
Ion Ratio Lower Upper
93 100
63 82.8 54.6 94.6
95 31.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 29.05 ng
RT: 6.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion: 146 Resp: 67908
Ion Ratio Lower Upper
146 100
148 61.8 49.1 73.7
75 33.9 26.6 40.0

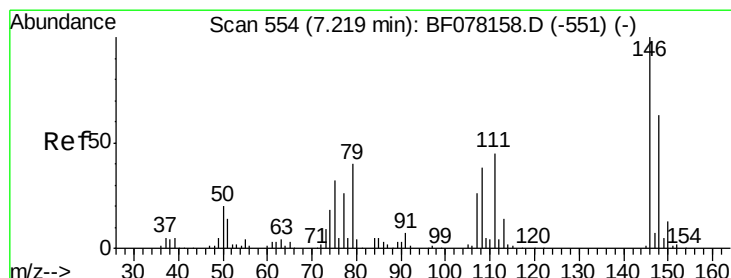
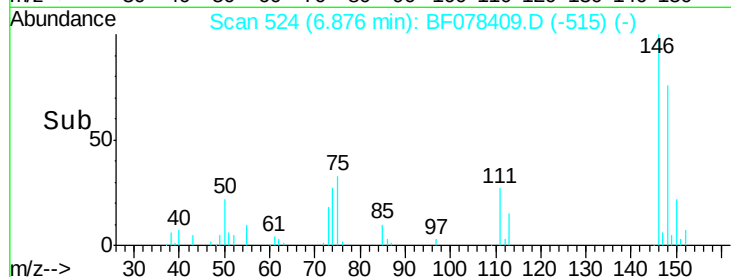
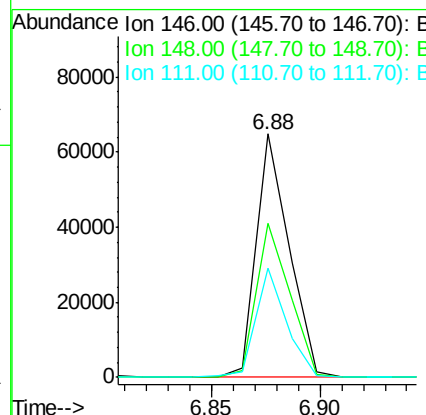
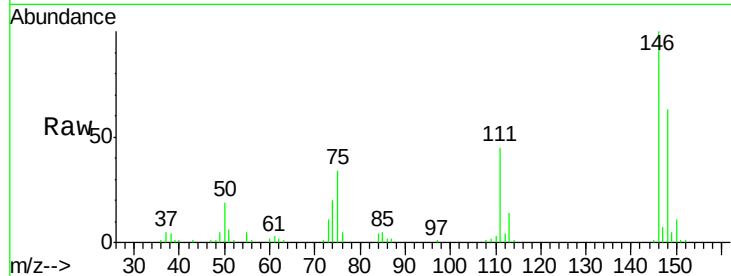




#13
 1,4-Dichlorobenzene
 Concen: 28.96 ng
 RT: 6.88 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

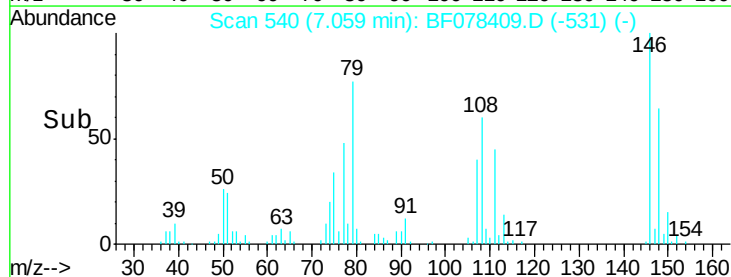
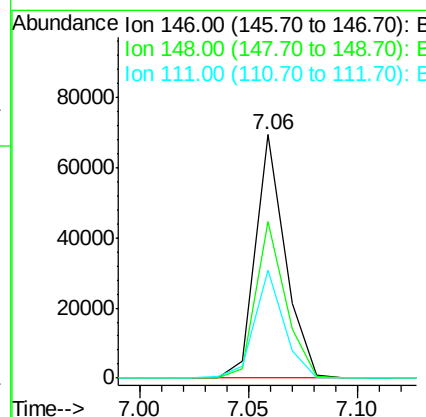
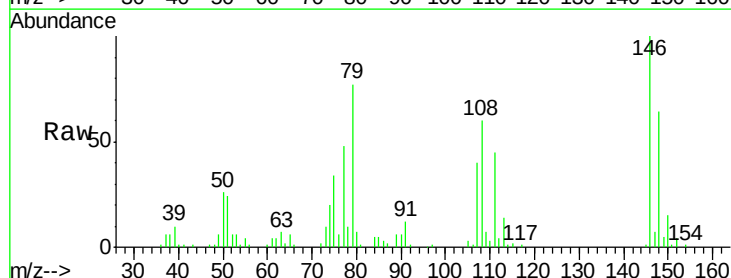
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

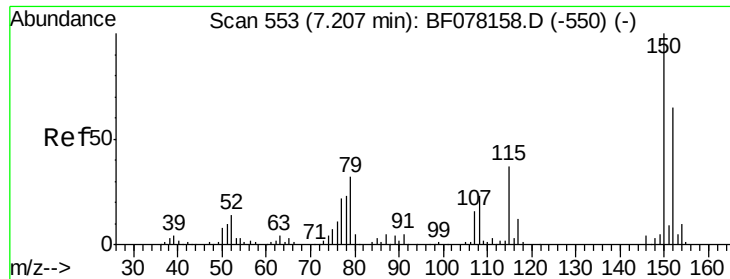
Tgt Ion:146 Resp: 68144
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 44.9 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 29.90 ng
 RT: 7.06 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:146 Resp: 65968
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.2 75.4
 111 44.6 36.1 54.1





#15

Benzyl Alcohol

Concen: 34.48 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

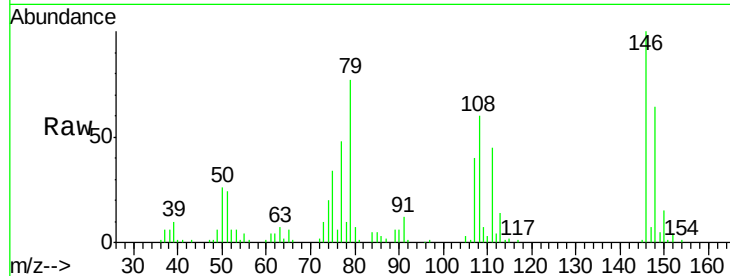
Tgt Ion: 79 Resp: 54656

Ion Ratio Lower Upper

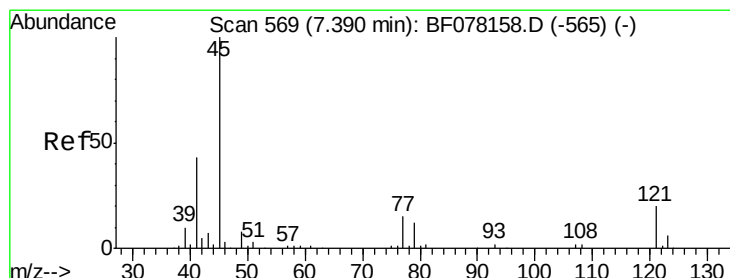
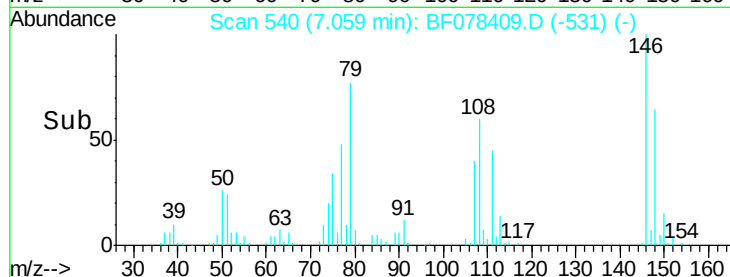
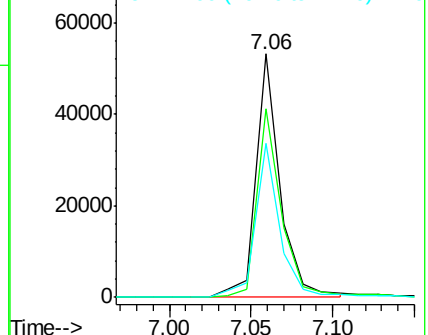
79 100

108 77.7 57.6 86.4

77 63.2 53.5 80.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.93 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

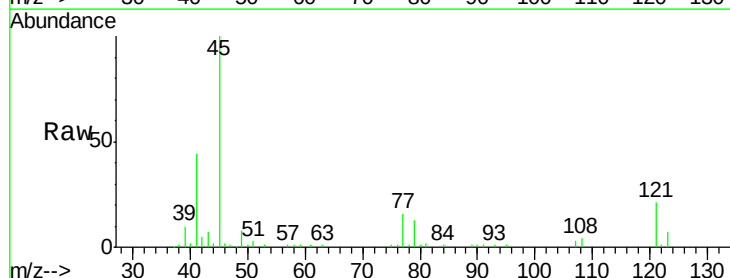
Tgt Ion: 45 Resp: 85372

Ion Ratio Lower Upper

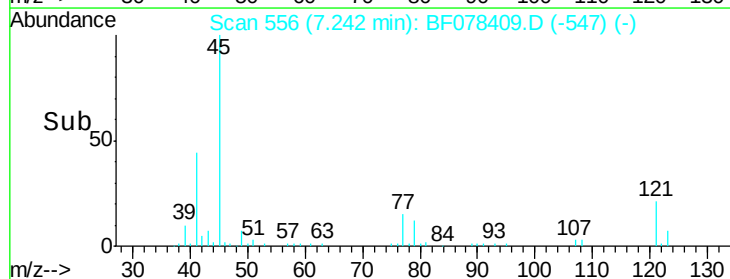
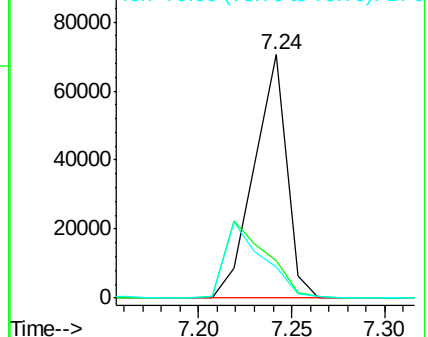
45 100

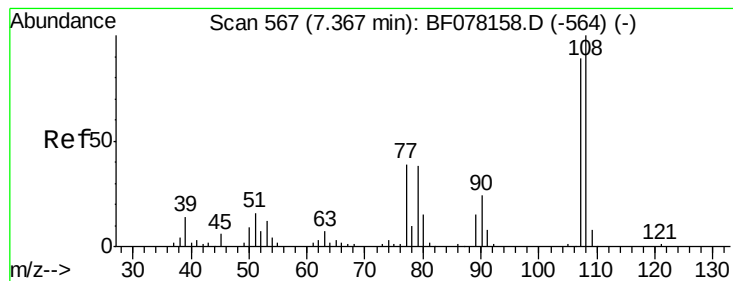
77 15.7 0.0 34.5

79 12.8 0.0 31.9



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.56 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

Tgt Ion:107 Resp: 52155

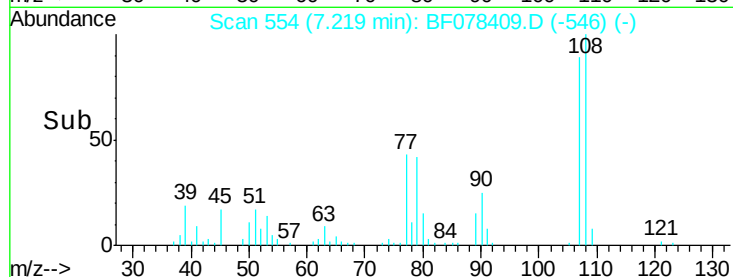
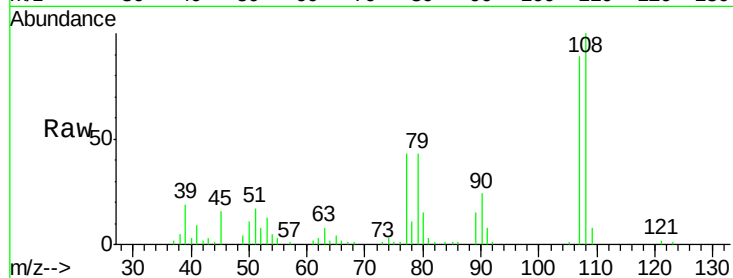
Ion Ratio Lower Upper

107 100

108 112.9 90.3 135.5

77 48.3 35.5 53.3

79 48.0 34.2 51.4

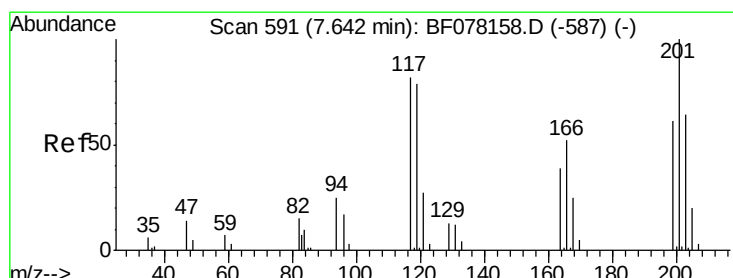
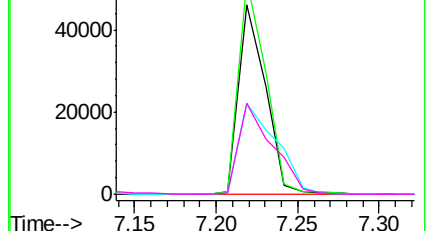


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.98 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

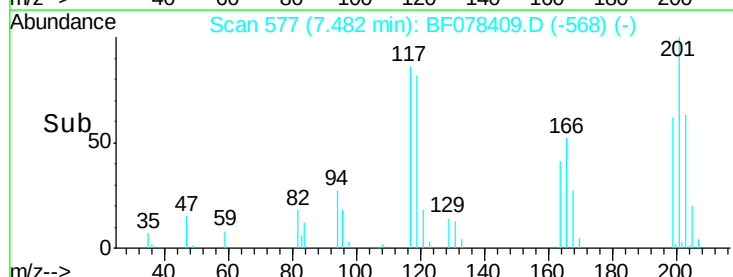
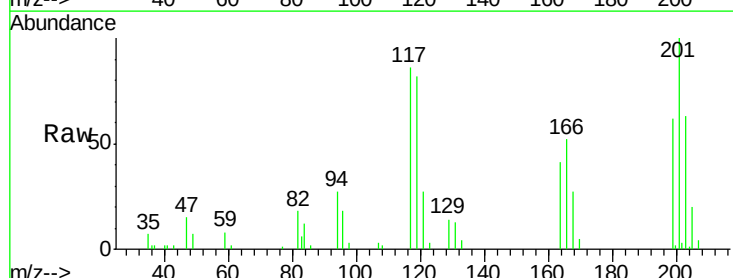
Tgt Ion:117 Resp: 23793

Ion Ratio Lower Upper

117 100

119 95.0 77.0 115.6

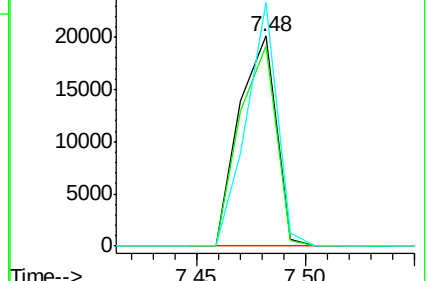
201 115.8 98.1 147.1

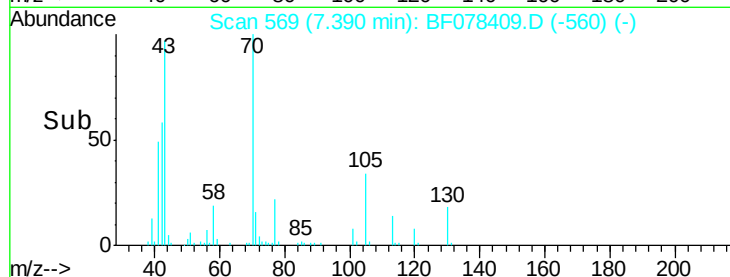
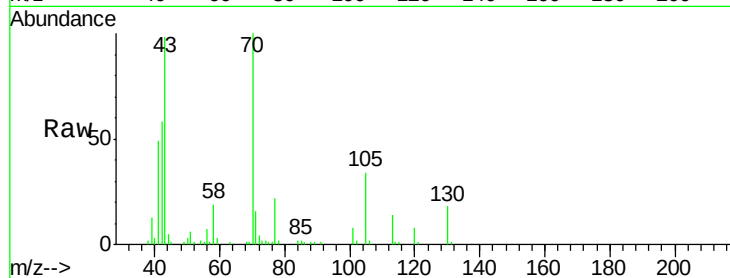
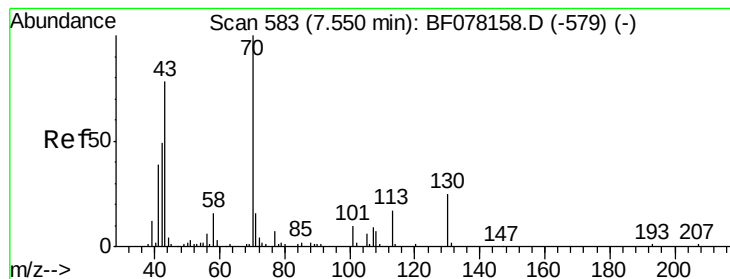


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.62 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

Tgt Ion: 70 Resp: 47066

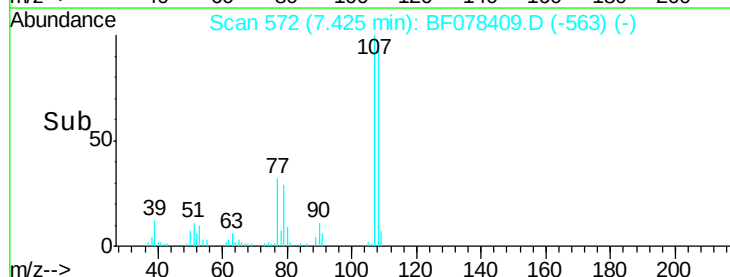
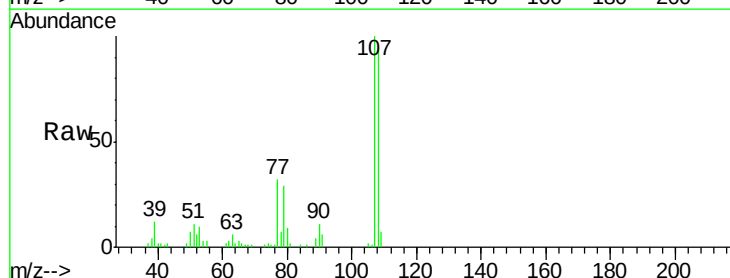
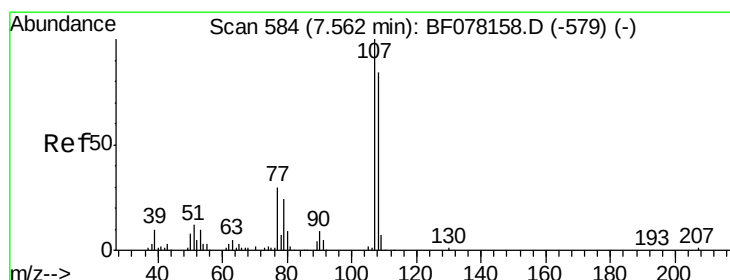
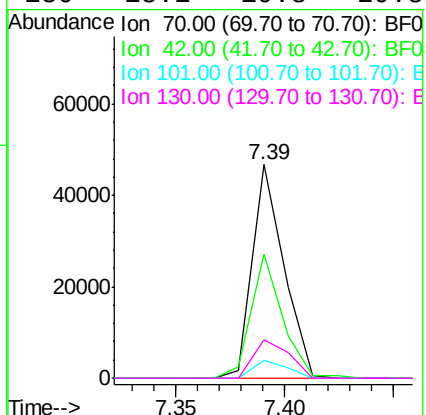
Ion Ratio Lower Upper

70 100

42 57.8 38.9 58.3

101 8.5 8.3 12.5

130 18.1 19.8 29.8#



#20

3+4-Methylphenols

Concen: 32.52 ng

RT: 7.42 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion: 107 Resp: 71681

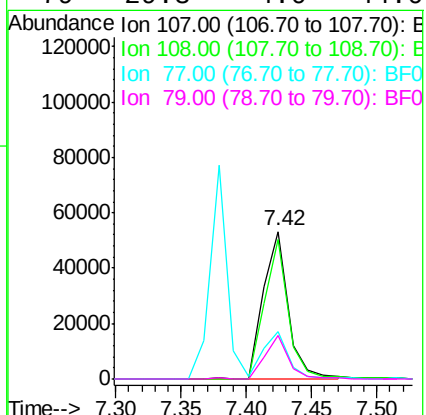
Ion Ratio Lower Upper

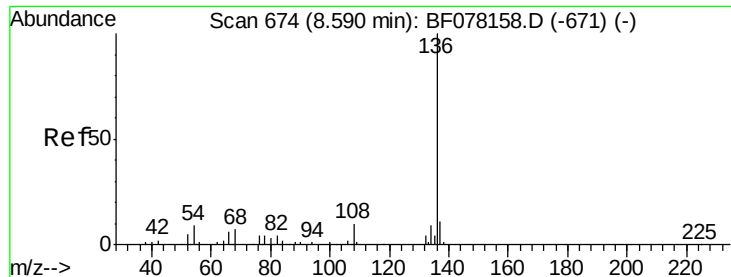
107 100

108 94.4 64.4 104.4

77 32.3 9.7 49.7

79 29.3 4.0 44.0

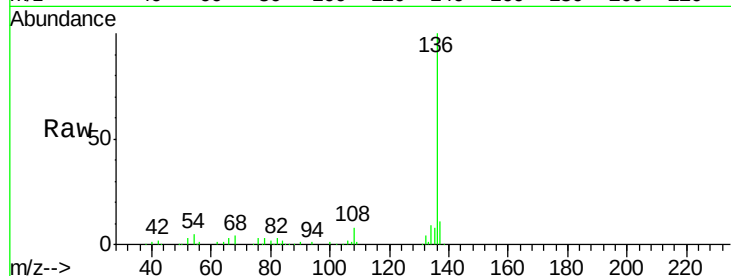




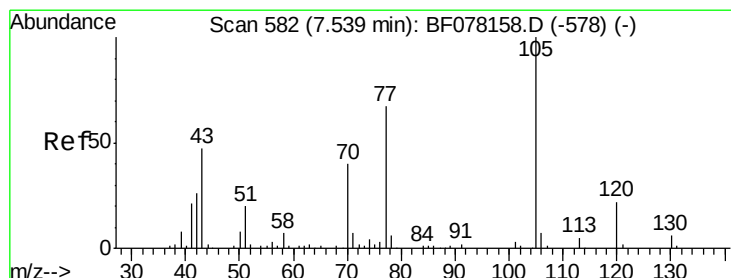
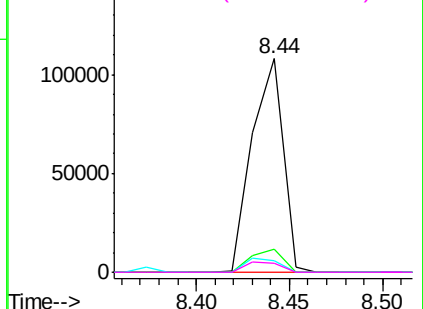
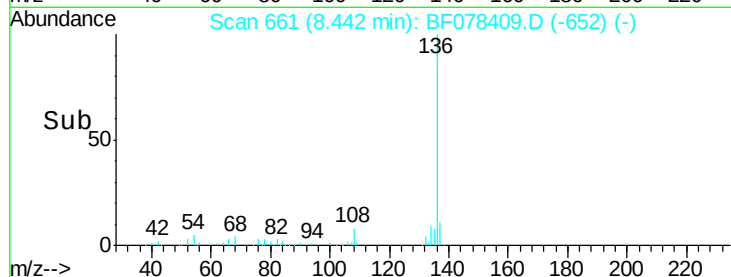
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion:	136	Resp:	125087
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.2	7.0	10.6#
68	4.3	5.4	8.2#

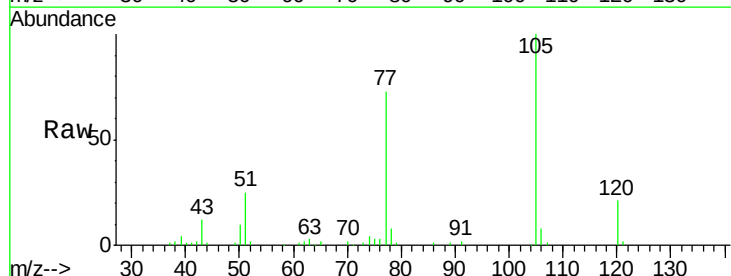


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

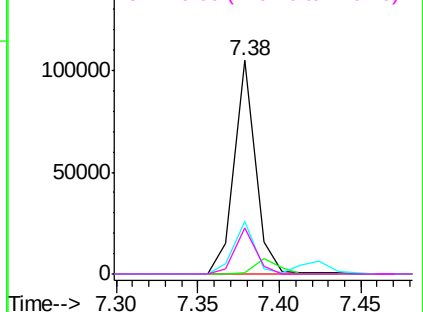
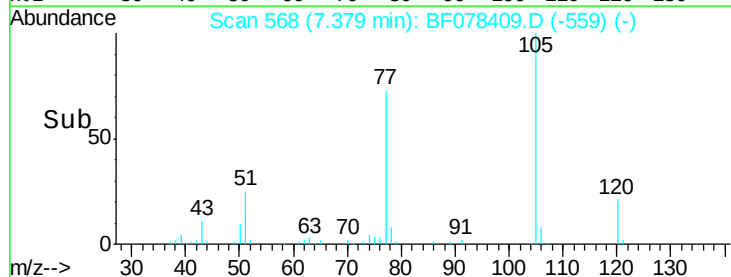


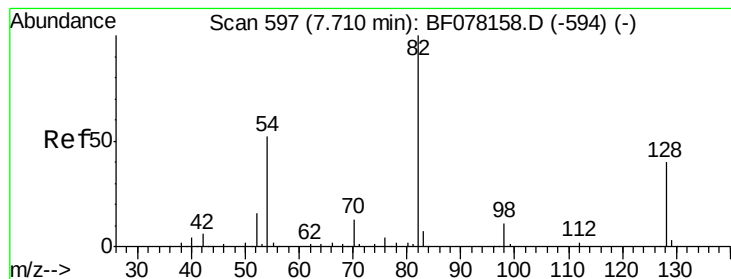
#22
Acetophenone
Concen: 32.70 ng
RT: 7.38 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:	105	Resp:	95302
Ion	Ratio	Lower	Upper
105	100		
71	0.4	5.5	8.3#
51	24.7	16.0	24.0#
120	21.3	17.8	26.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 58.89 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

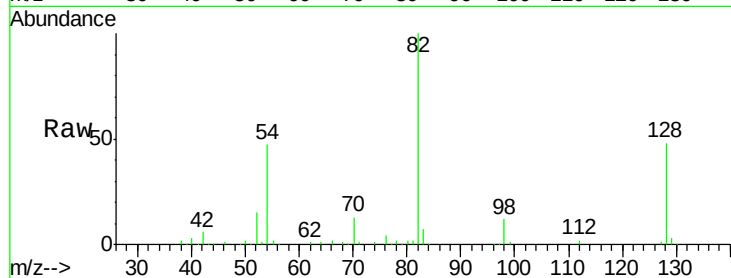
Tgt Ion: 82 Resp: 121539

Ion Ratio Lower Upper

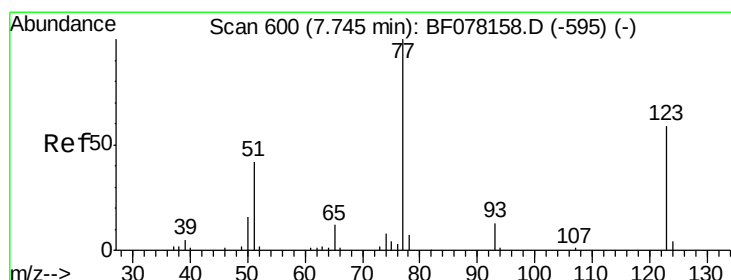
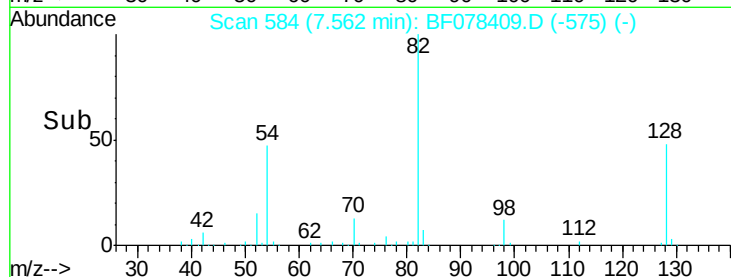
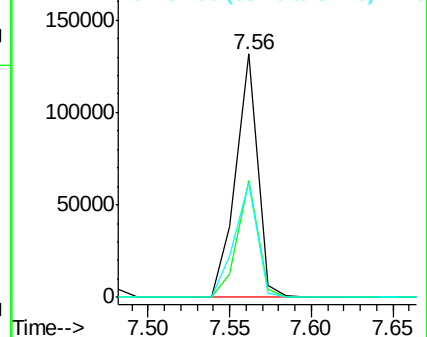
82 100

128 48.0 31.8 47.8#

54 46.9 41.5 62.3



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: 31.68 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

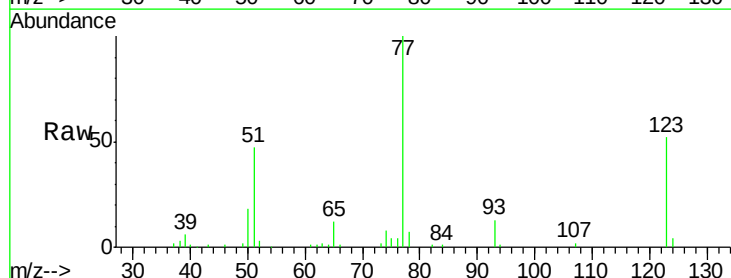
Tgt Ion: 77 Resp: 68336

Ion Ratio Lower Upper

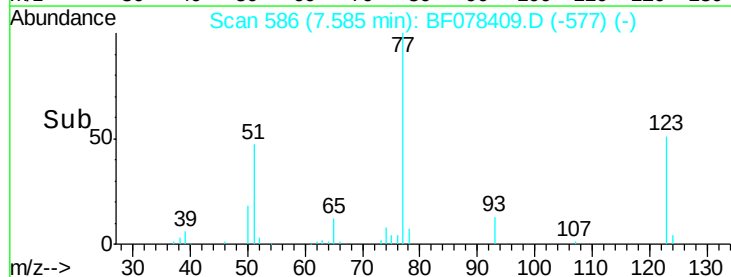
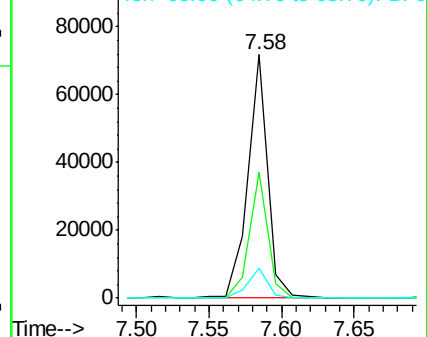
77 100

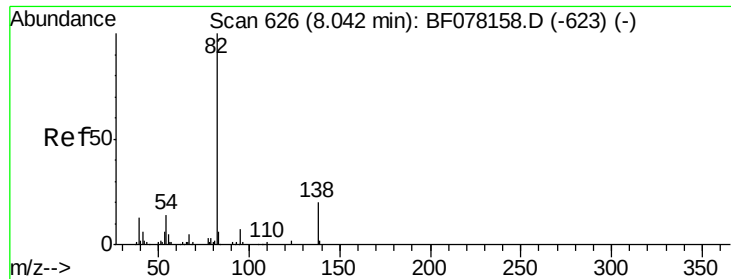
123 51.6 46.9 70.3

65 12.2 9.5 14.3



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: 31.74 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

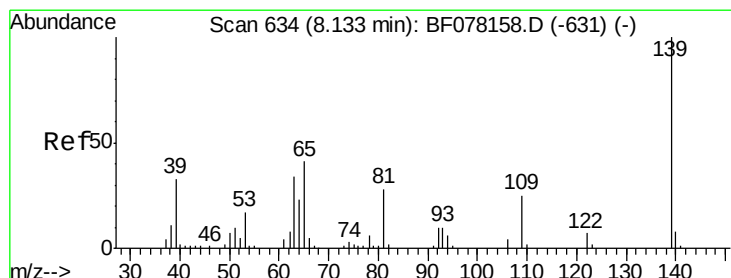
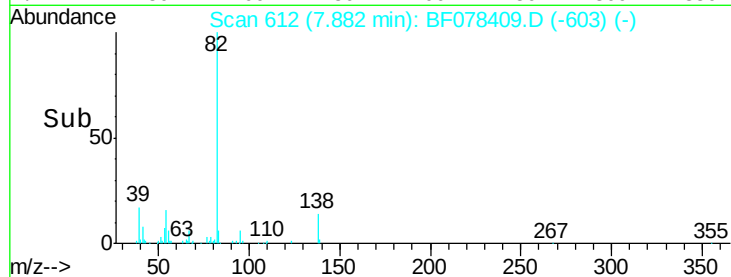
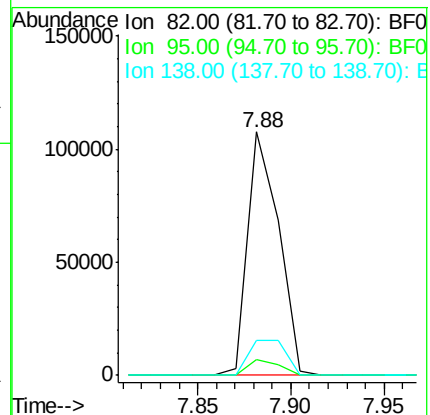
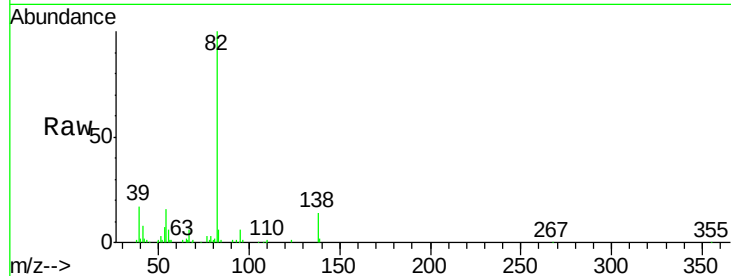
Tgt Ion: 82 Resp: 124308

Ion Ratio Lower Upper

82 100

95 6.4 5.7 8.5

138 14.5 15.8 23.8#



#26

2-Nitrophenol

Concen: 31.28 ng

RT: 7.97 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

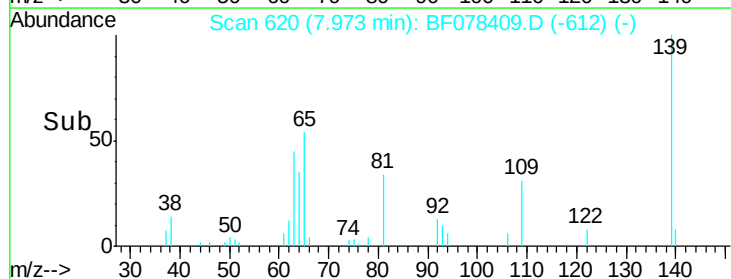
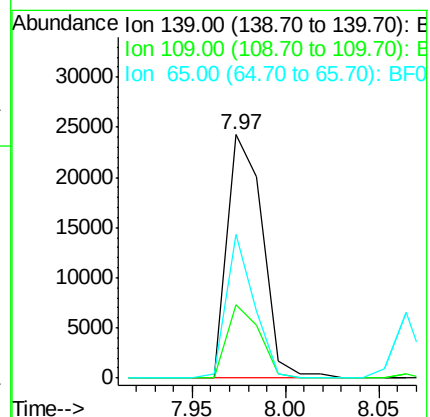
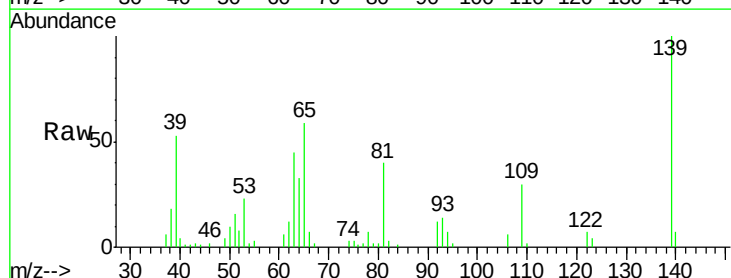
Tgt Ion: 139 Resp: 32159

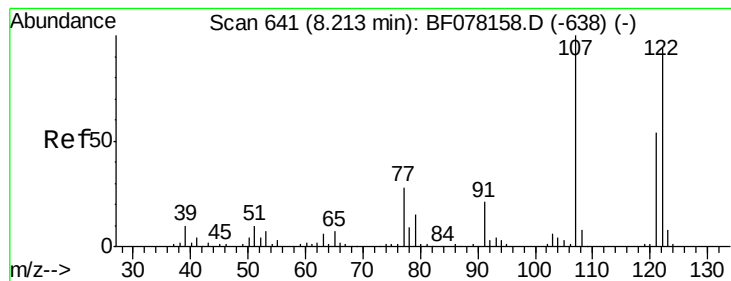
Ion Ratio Lower Upper

139 100

109 30.3 19.8 29.8#

65 58.8 32.7 49.1#

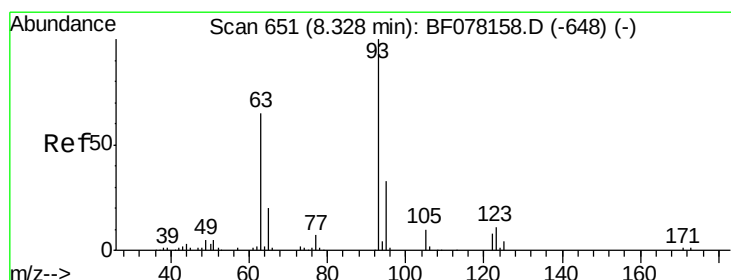
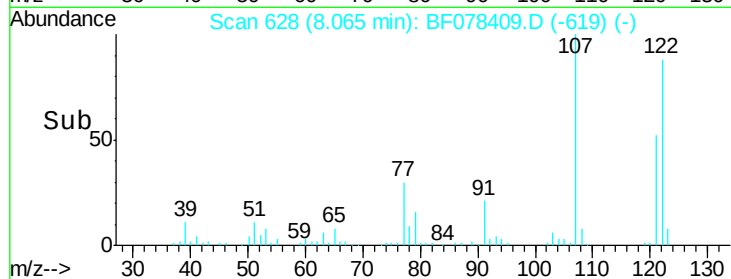
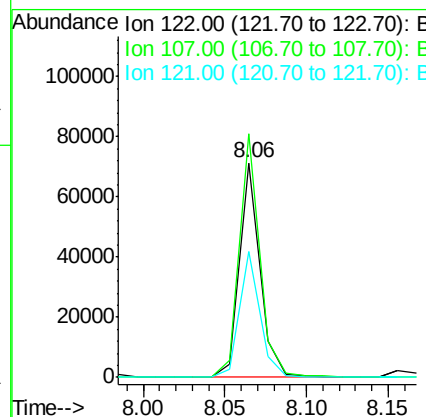
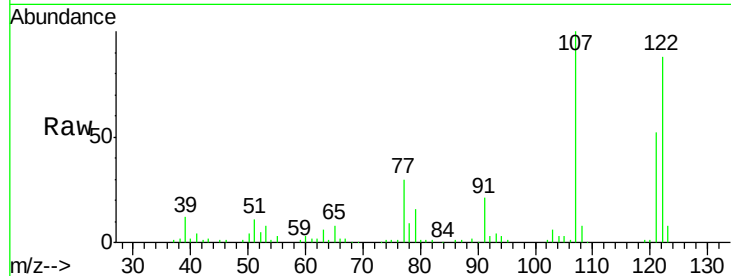




#27
 2,4-Dimethylphenol
 Concen: 32.16 ng
 RT: 8.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

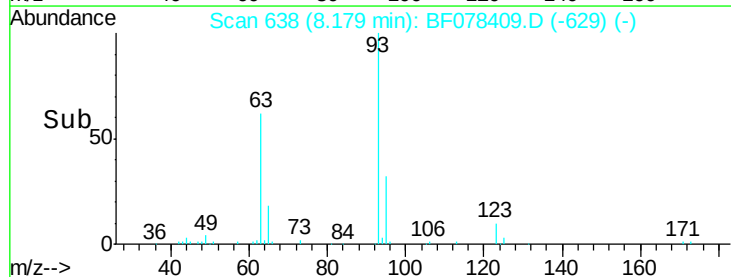
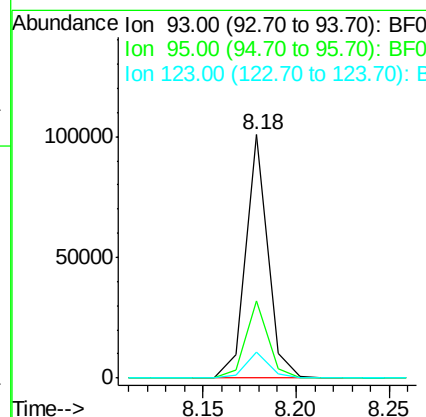
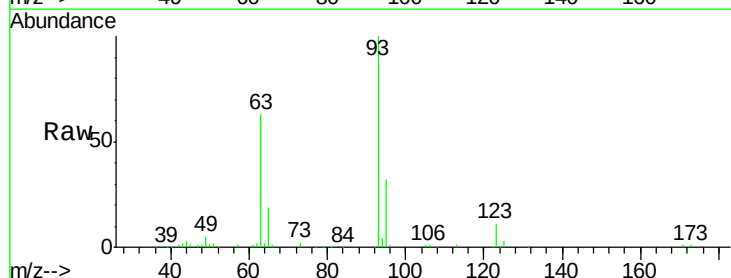
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

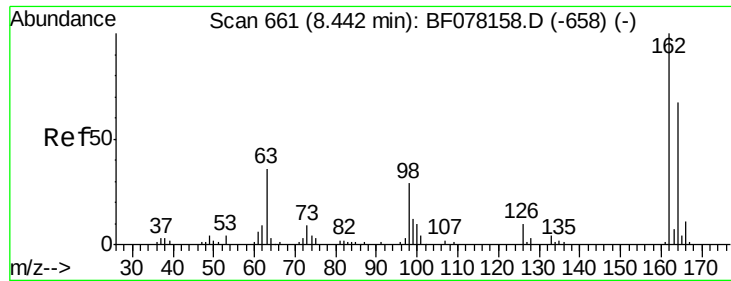
Tgt Ion:122 Resp: 61485
 Ion Ratio Lower Upper
 122 100
 107 113.4 84.6 127.0
 121 58.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.22 ng
 RT: 8.18 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion: 93 Resp: 83425
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.3 39.5
 123 10.7 9.1 13.7

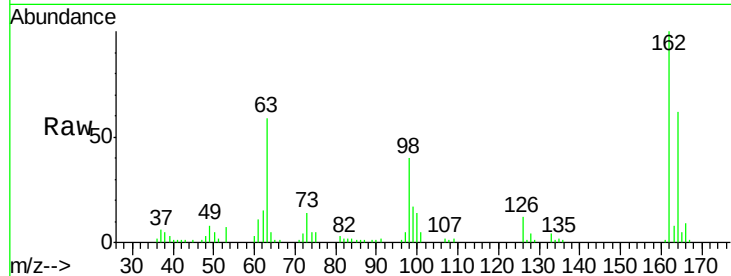




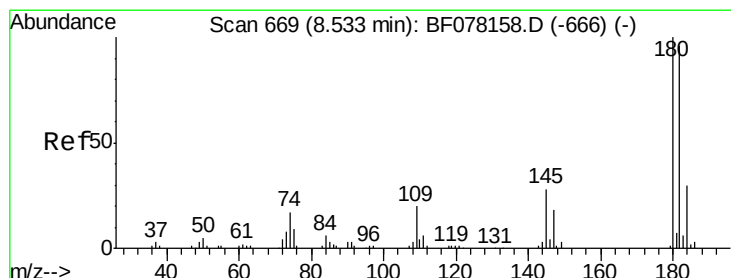
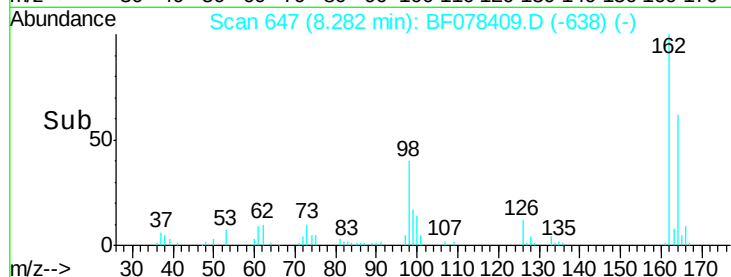
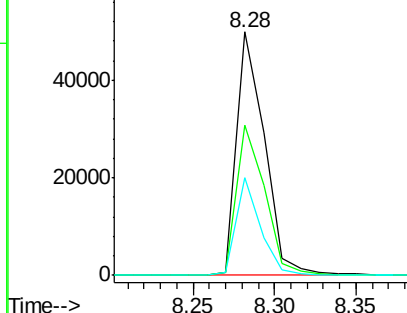
#29
 2,4-Dichlorophenol
 Concen: 33.65 ng
 RT: 8.28 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion:162 Resp: 58524
 Ion Ratio Lower Upper
 162 100
 164 61.8 47.0 87.0
 98 40.0 9.2 49.2

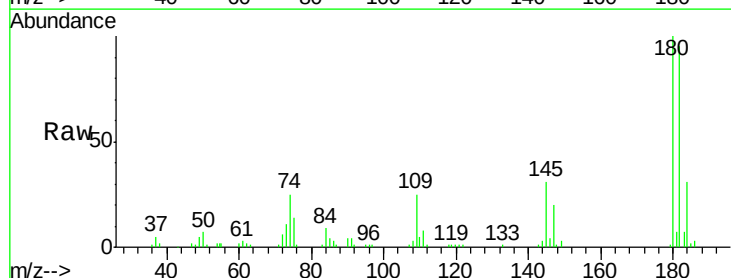


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

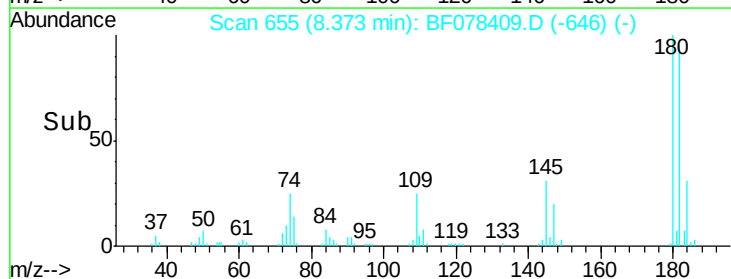
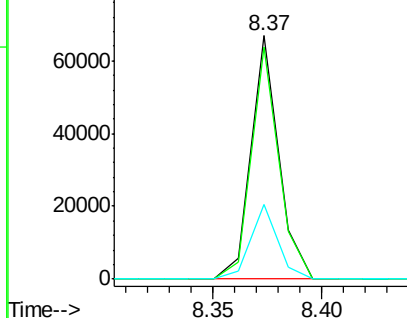


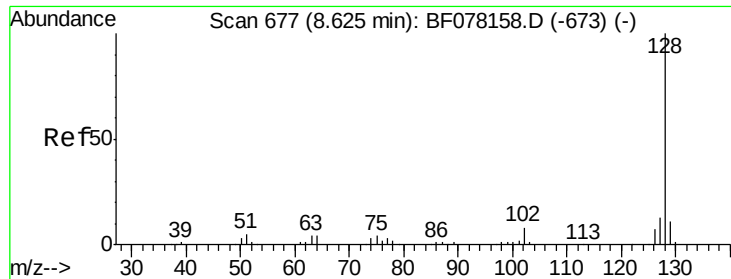
#30
 1,2,4-Trichlorobenzene
 Concen: 29.61 ng
 RT: 8.37 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:180 Resp: 59044
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.9 115.3
 145 30.7 22.5 33.7



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

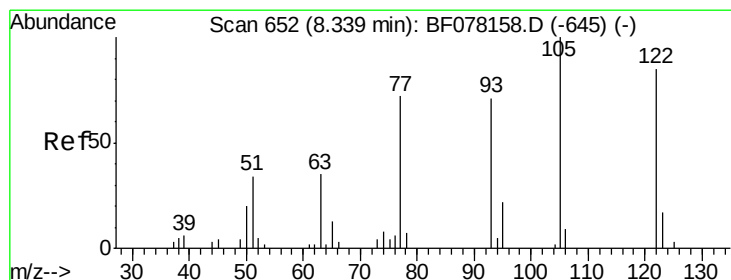
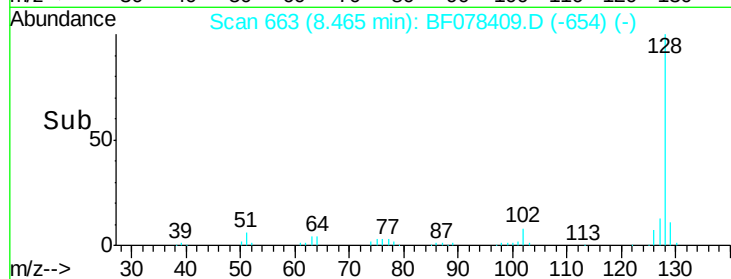
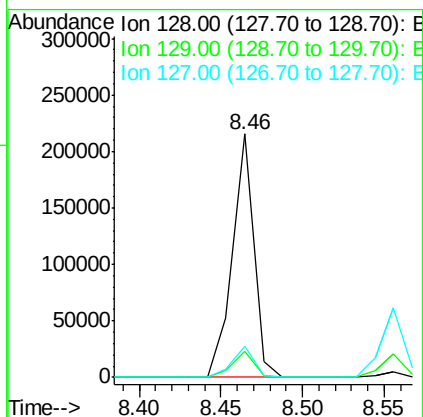
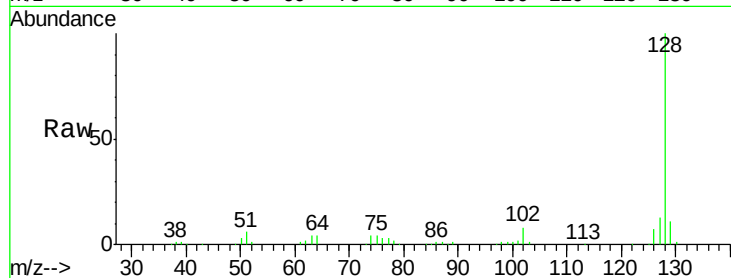




#31
Naphthalene
Concen: 29.89 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

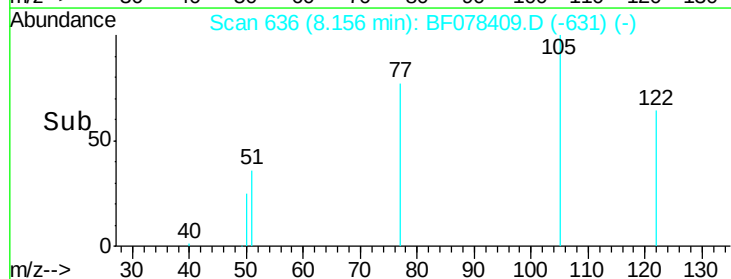
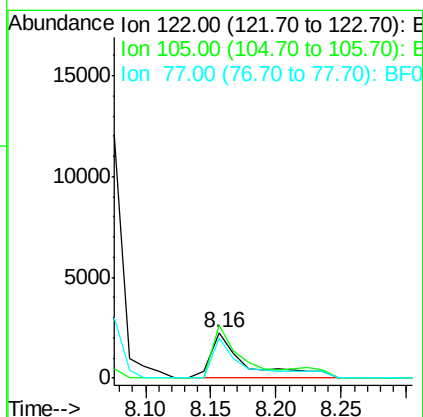
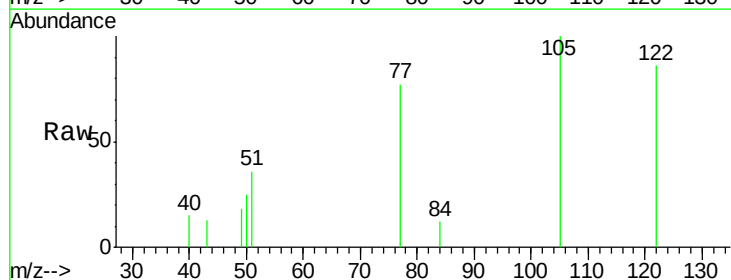
Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

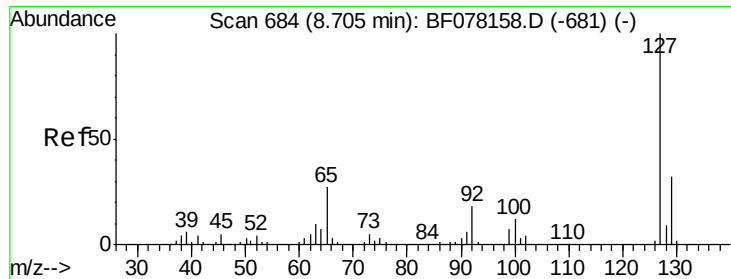
Tgt Ion:128 Resp: 194606
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.6 10.7 16.1



#32
Benzoic acid
Concen: 9.95 ng
RT: 8.16 min Scan# 636
Delta R.T. -0.05 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:122 Resp: 4249
Ion Ratio Lower Upper
122 100
105 116.5 96.1 136.1
77 89.2 64.1 104.1

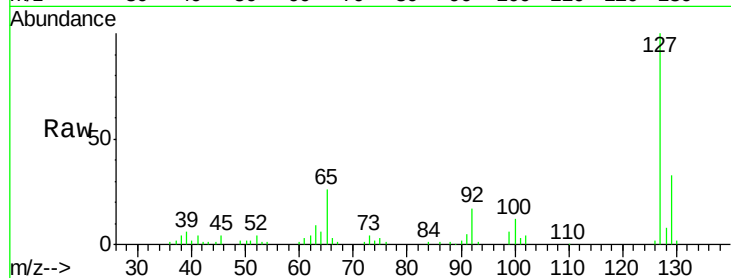




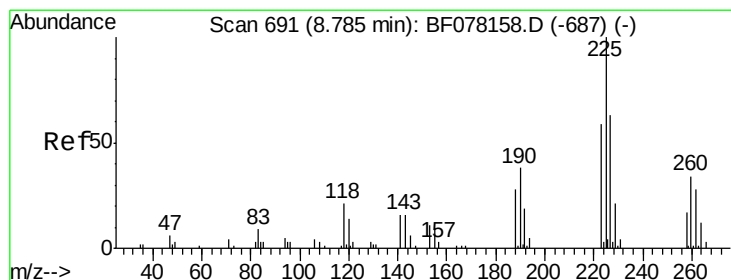
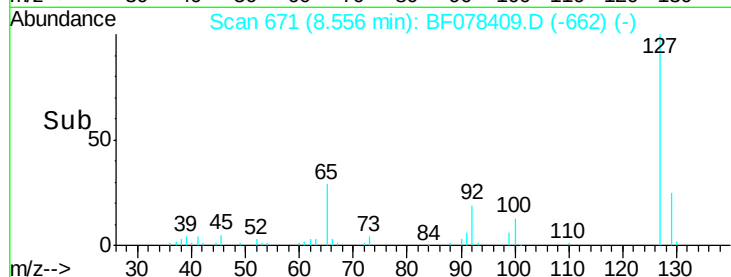
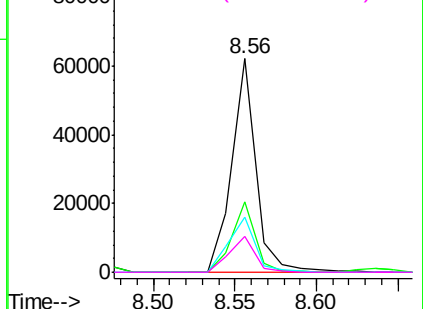
#33
4-Chloroaniline
Concen: 23.47 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion:	127	Resp:	63415
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.5	38.3
65	25.5	21.7	32.5
92	16.7	14.6	21.8

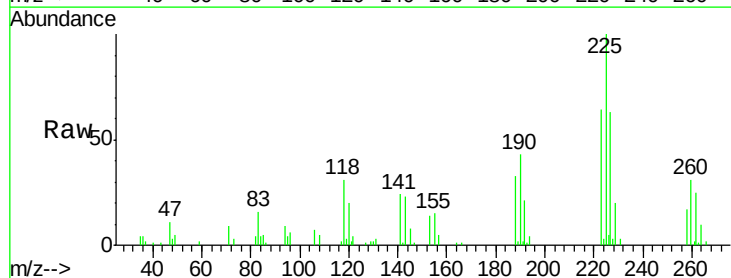


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

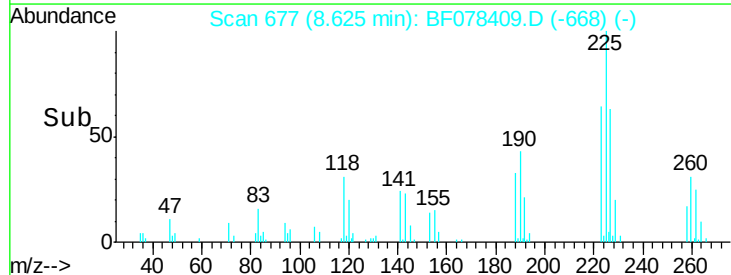
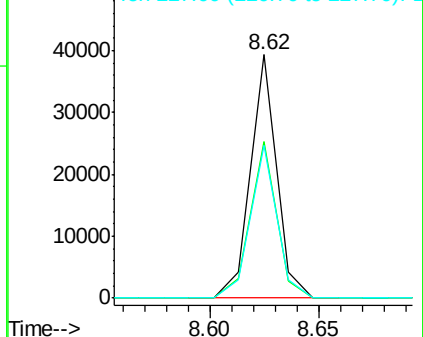


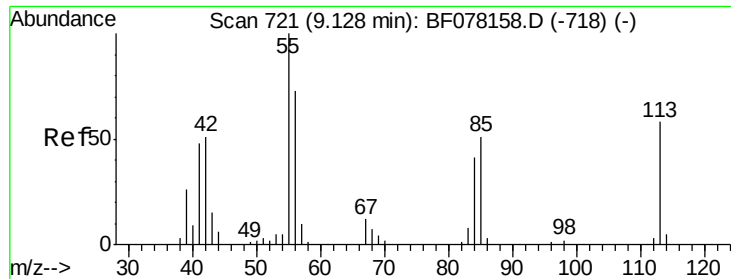
#34
Hexachlorobutadiene
Concen: 29.97 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:	225	Resp:	32812
Ion	Ratio	Lower	Upper
225	100		
223	64.5	47.5	71.3
227	62.9	50.2	75.2



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

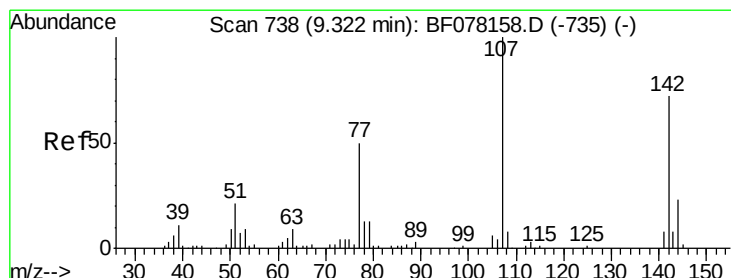
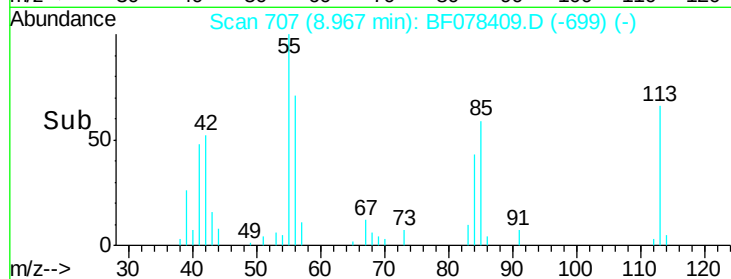
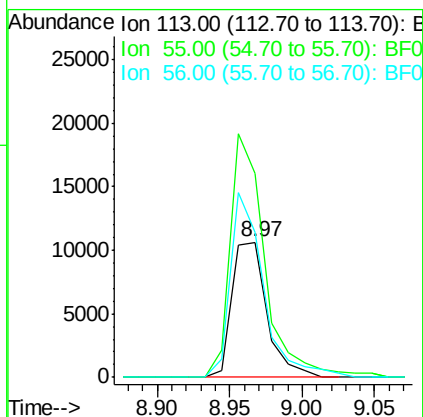
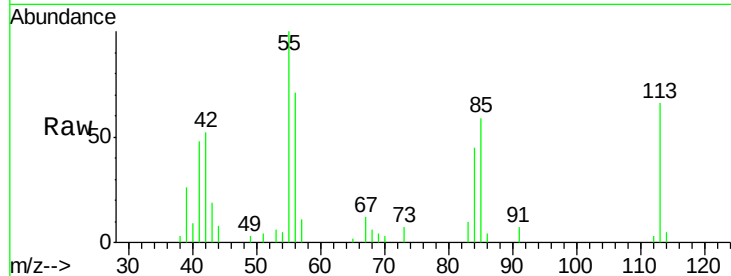




#35
 Caprolactam
 Concen: 34.31 ng
 RT: 8.97 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

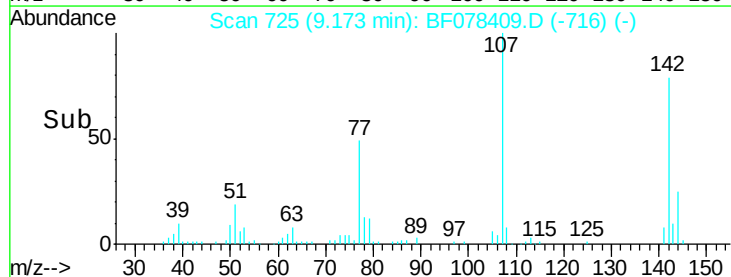
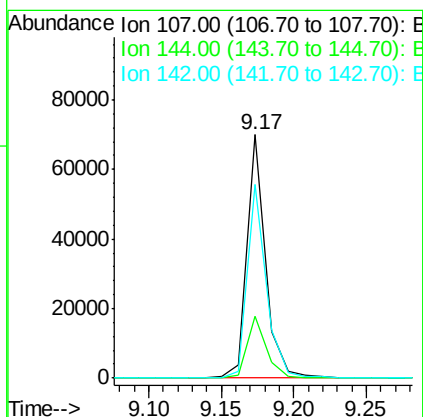
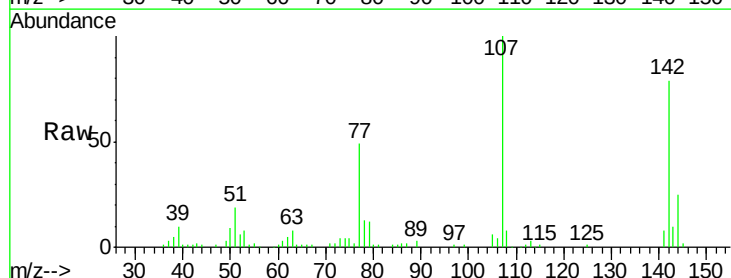
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

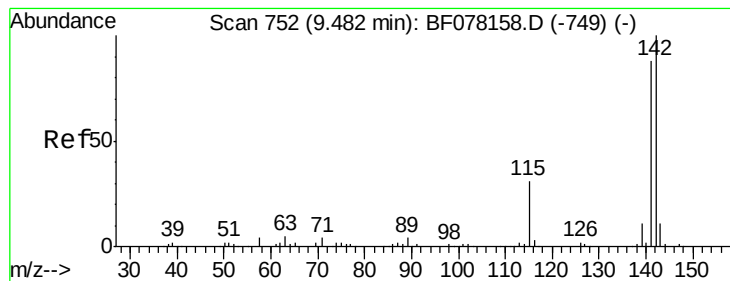
Tgt Ion:113 Resp: 17811
 Ion Ratio Lower Upper
 113 100
 55 150.8 151.9 191.9#
 56 106.8 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 35.40 ng
 RT: 9.17 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:107 Resp: 62123
 Ion Ratio Lower Upper
 107 100
 144 25.3 18.2 27.2
 142 79.5 58.0 87.0





#37

2-Methylnaphthalene

Concen: 30.67 ng

RT: 9.32 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

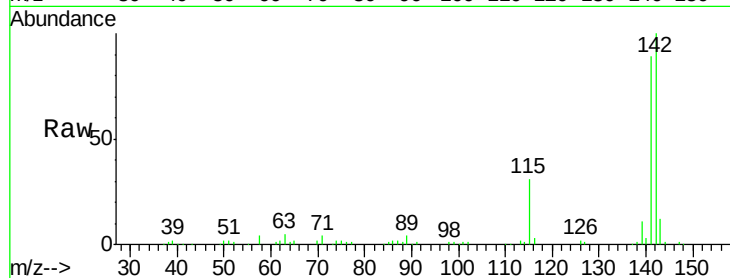
Tgt Ion:142 Resp: 135558

Ion Ratio Lower Upper

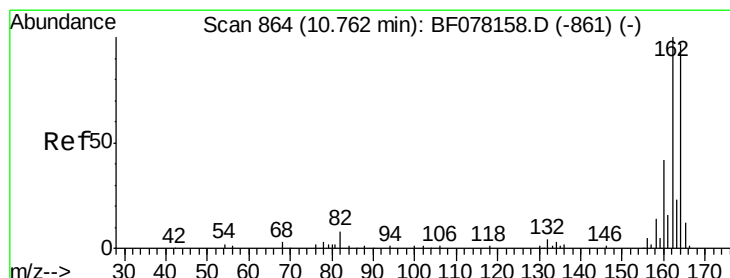
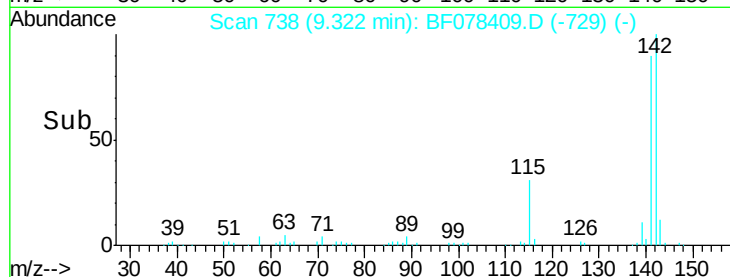
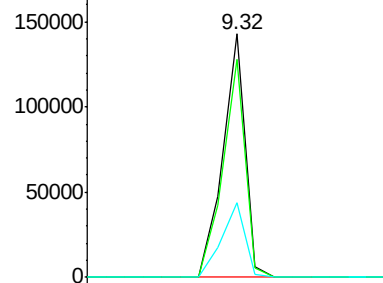
142 100

141 89.3 70.3 105.5

115 30.6 24.6 37.0



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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

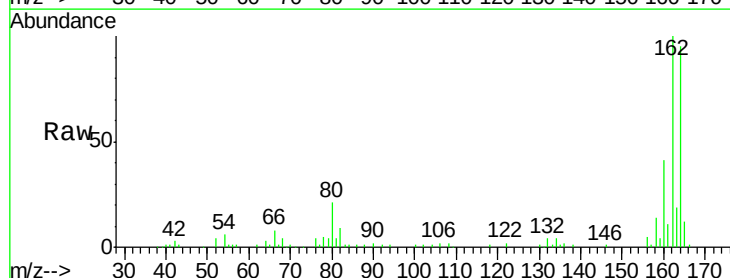
Tgt Ion:164 Resp: 67859

Ion Ratio Lower Upper

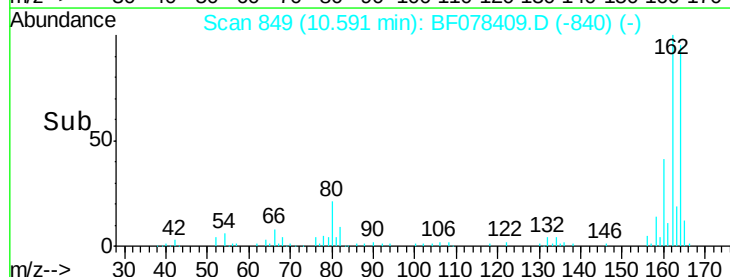
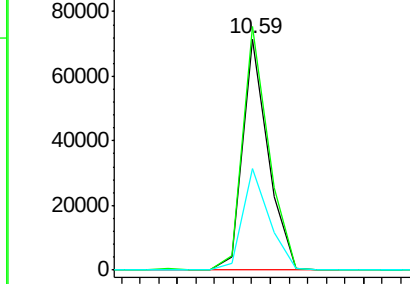
164 100

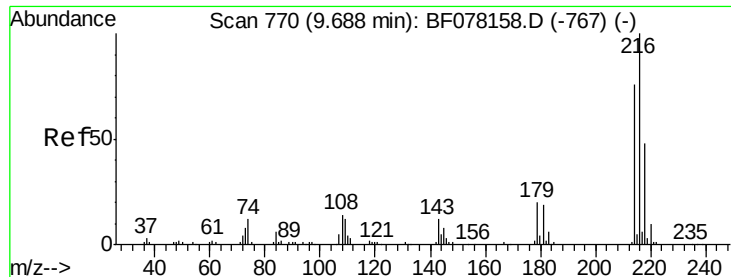
162 105.2 82.2 123.2

160 43.6 34.7 52.1



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

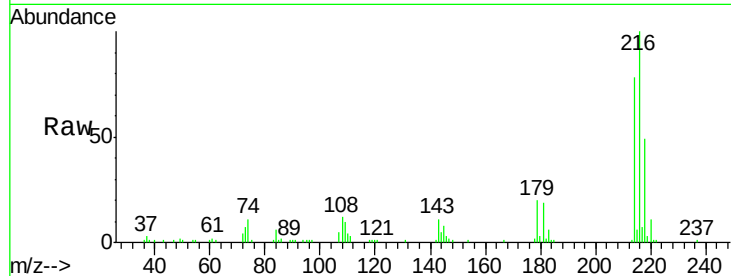




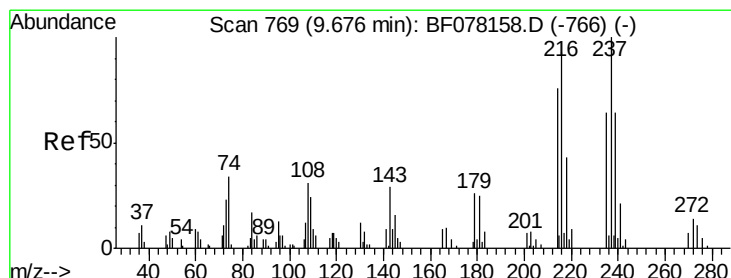
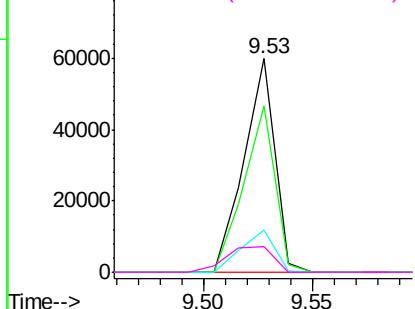
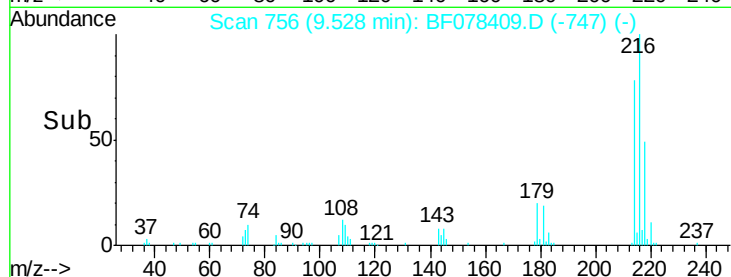
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.09 ng
 RT: 9.53 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion:	216	Resp:	59072
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.0	93.0
179	21.5	17.3	25.9
108	18.5	14.6	21.8

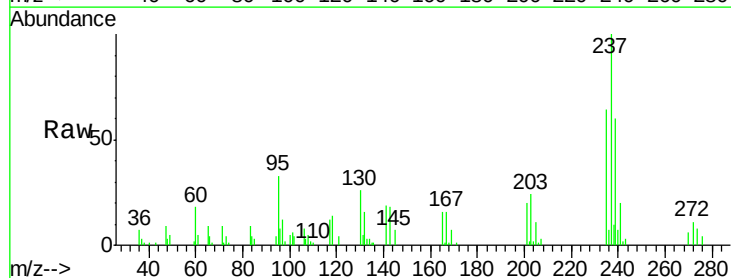


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

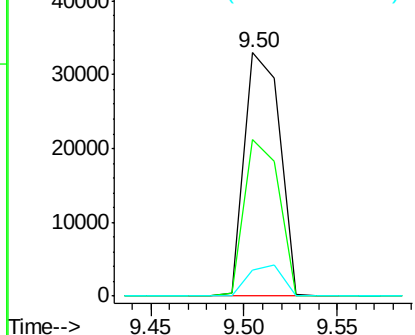
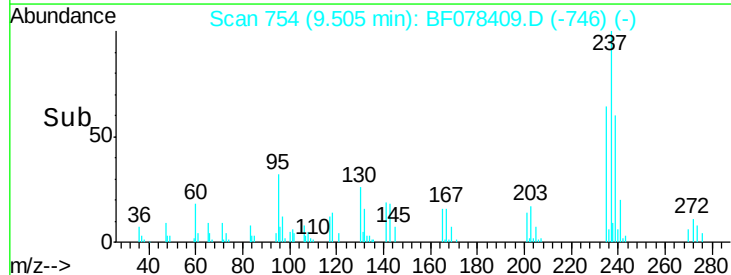


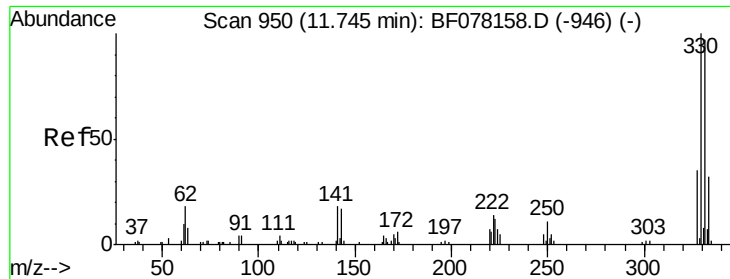
#40
 Hexachlorocyclopentadiene
 Concen: 50.77 ng
 RT: 9.50 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:	237	Resp:	43492
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.1	84.1
272	10.6	0.0	34.4



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

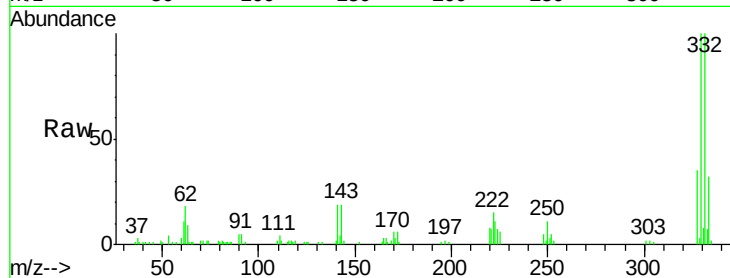




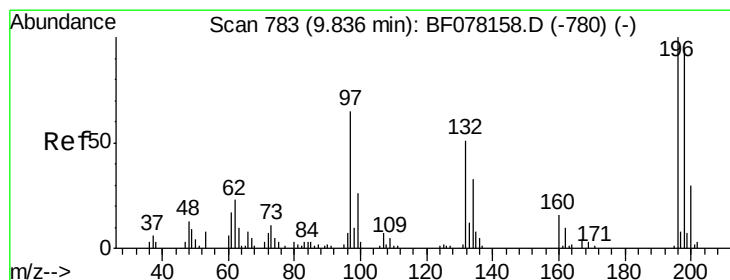
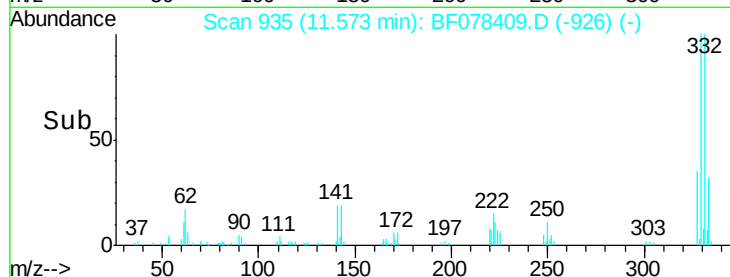
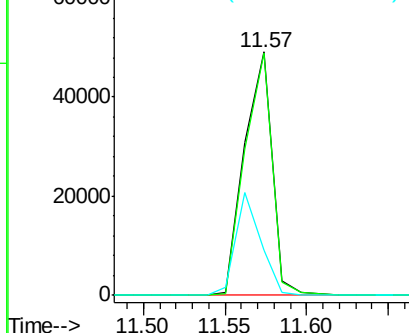
#41
 2,4,6-Tribromophenol
 Concen: 102.97 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion:330 Resp: 57949
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 37.9 31.2 46.8

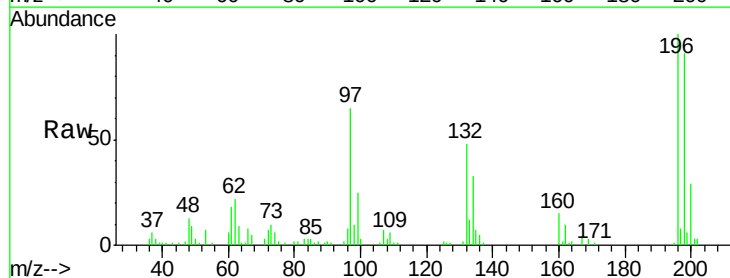


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

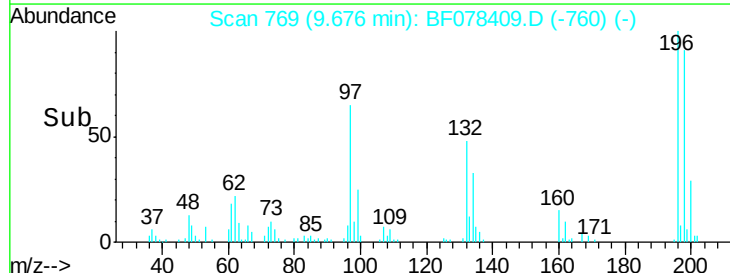
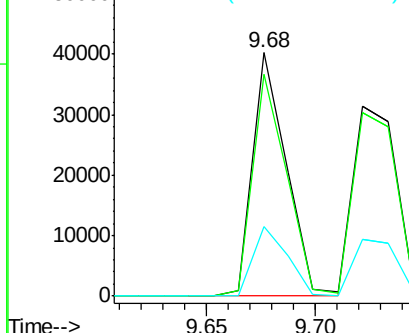


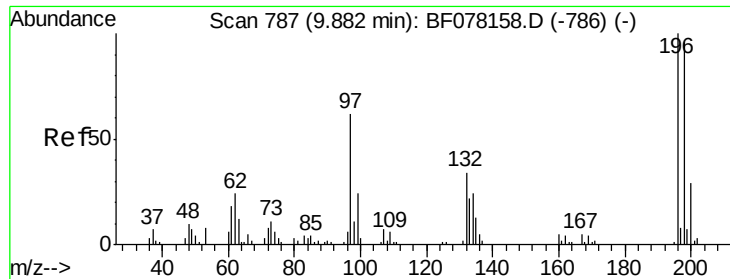
#42
 2,4,6-Trichlorophenol
 Concen: 32.65 ng
 RT: 9.68 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:196 Resp: 43297
 Ion Ratio Lower Upper
 196 100
 198 91.2 75.4 113.2
 200 28.6 24.0 36.0



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

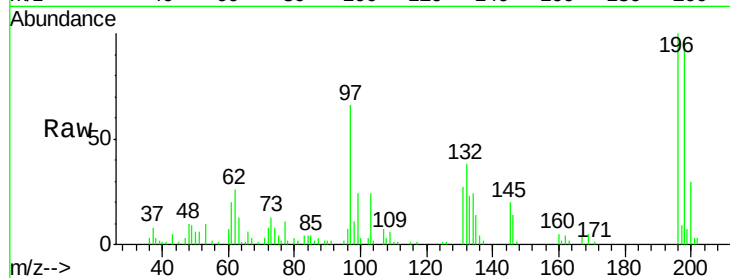




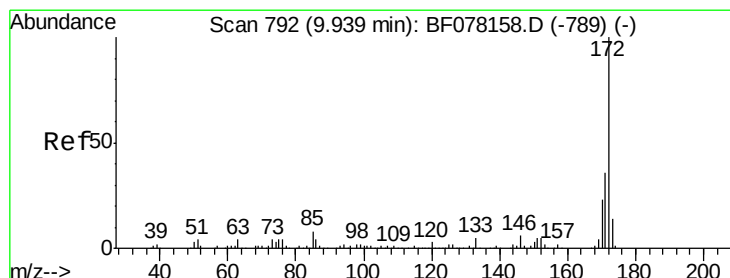
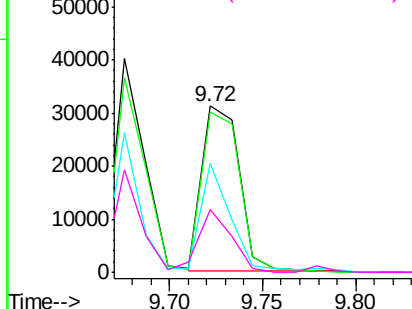
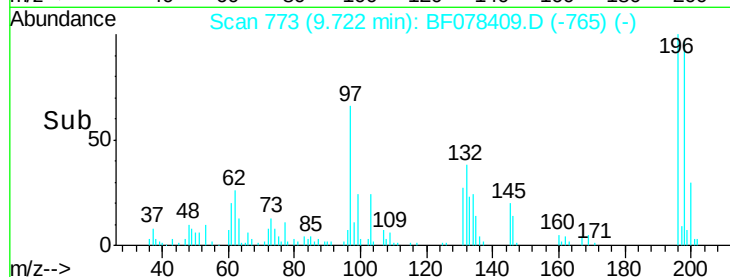
#43
 2,4,5-Trichlorophenol
 Concen: 31.27 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion:196 Resp: 43326
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.6 115.0
 97 65.7 50.6 75.8
 132 38.0 27.7 41.5

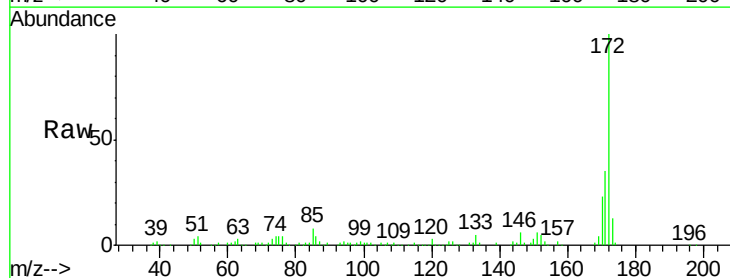


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

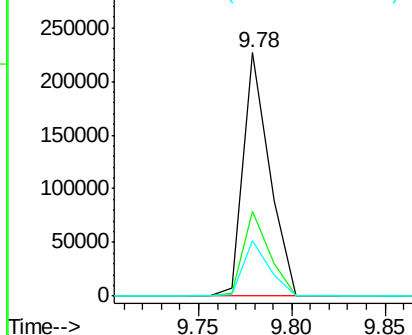
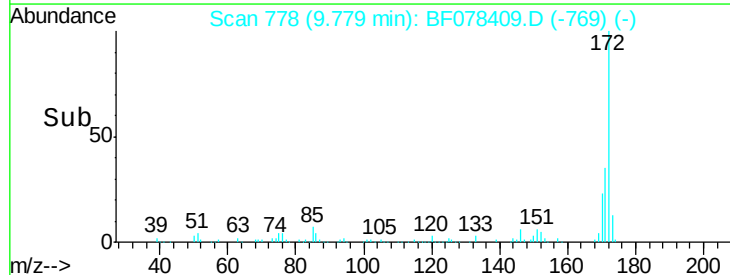


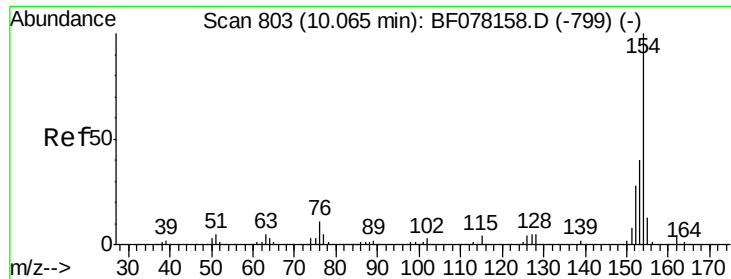
#44
 2-Fluorobiphenyl
 Concen: 46.84 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:172 Resp: 222364
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.0 18.5 27.7



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

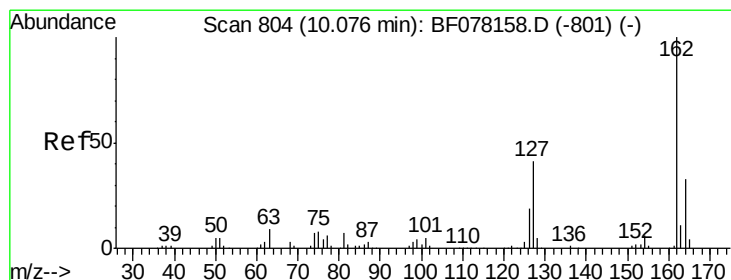
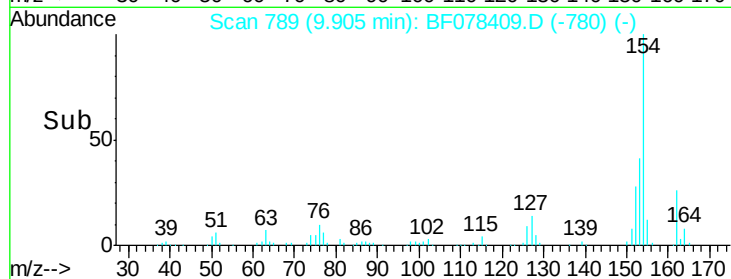
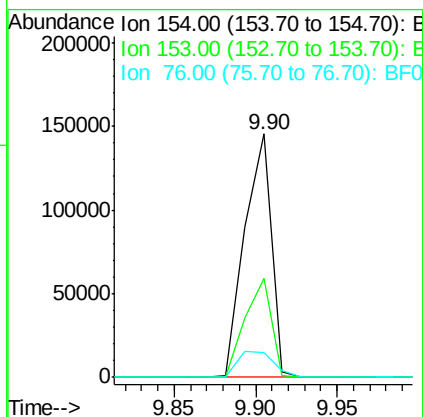
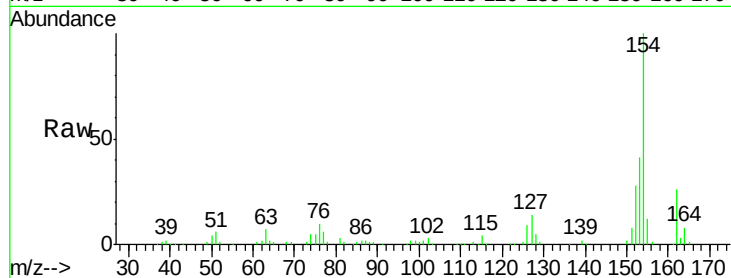




#45
 1,1'-Biphenyl
 Concen: 29.68 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

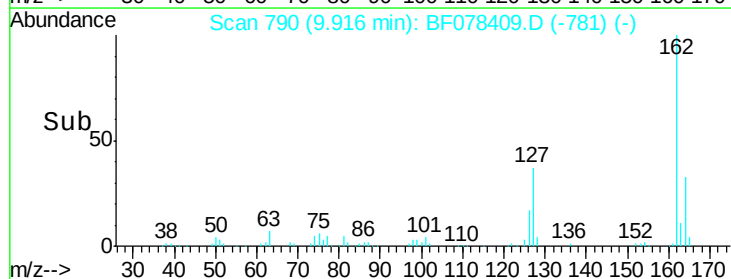
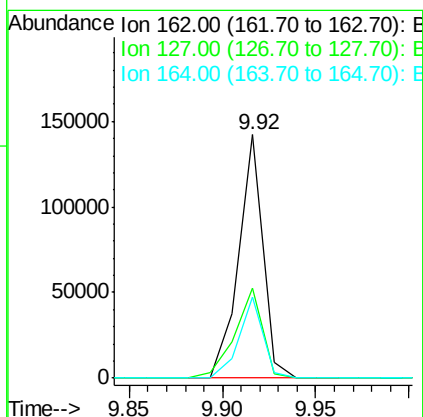
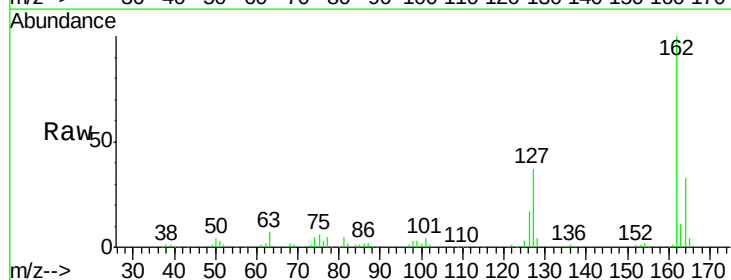
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

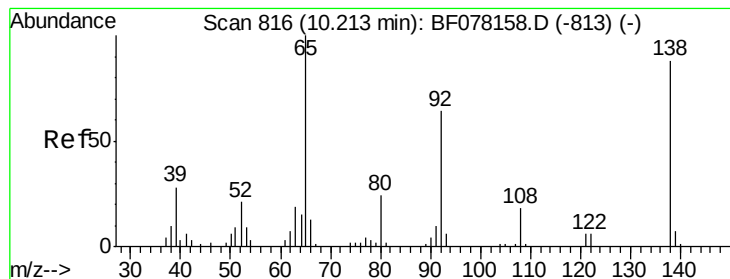
Tgt Ion:154 Resp: 164726
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.0 60.0
 76 9.9 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 29.74 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:162 Resp: 129876
 Ion Ratio Lower Upper
 162 100
 127 36.8 32.6 49.0
 164 33.2 26.0 39.0





#47

2-Nitroaniline

Concen: 33.65 ng

RT: 10.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

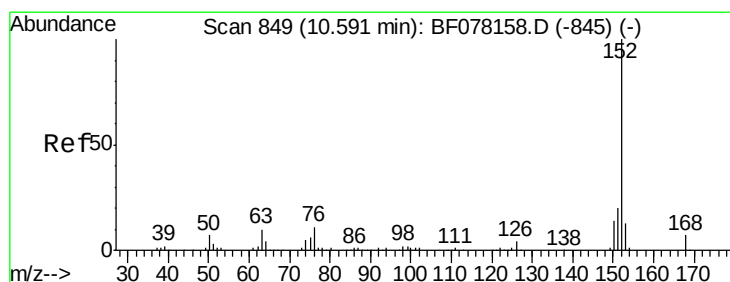
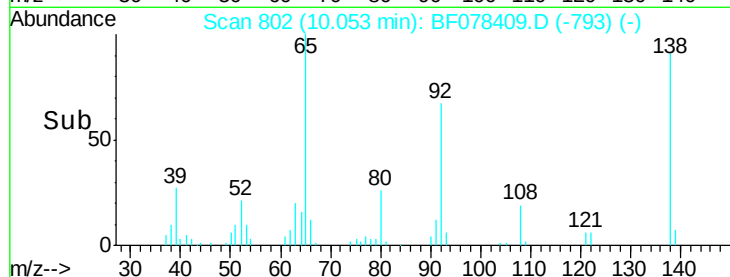
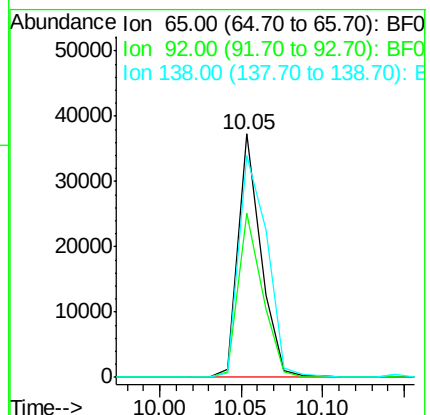
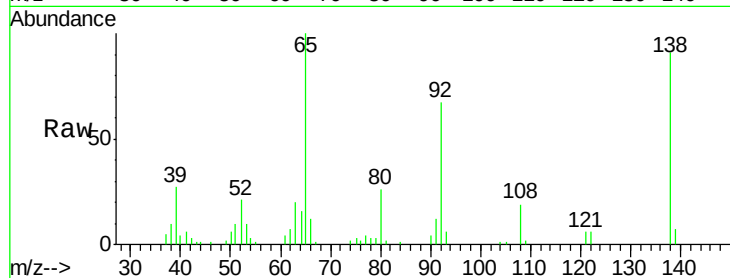
Tgt Ion: 65 Resp: 36362

Ion Ratio Lower Upper

65 100

92 67.4 51.3 76.9

138 91.4 70.4 105.6



#48

Acenaphthylene

Concen: 29.70 ng

RT: 10.42 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

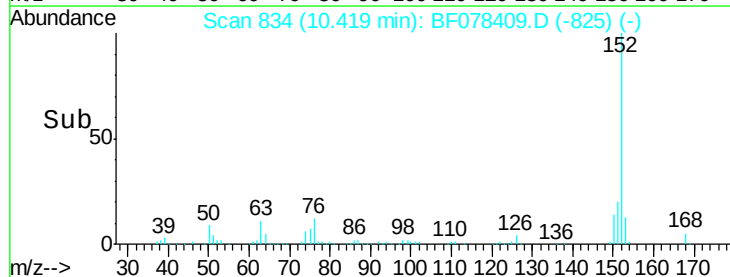
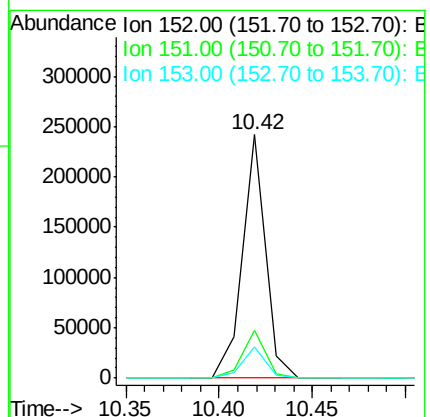
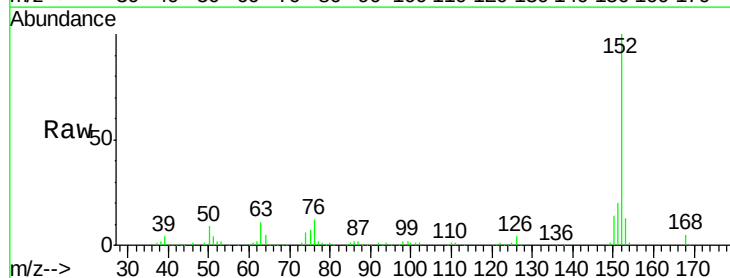
Tgt Ion: 152 Resp: 209481

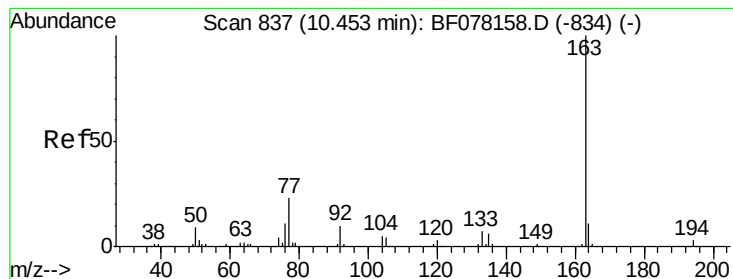
Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.0 10.2 15.2





#49

Dimethylphthalate

Concen: 36.51 ng

RT: 10.30 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

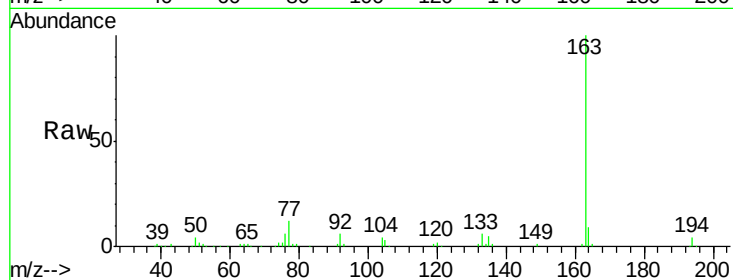
Tgt Ion:163 Resp: 186145

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

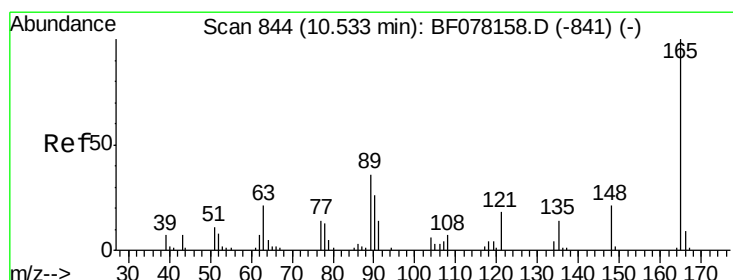
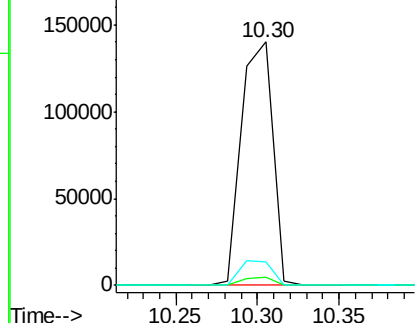
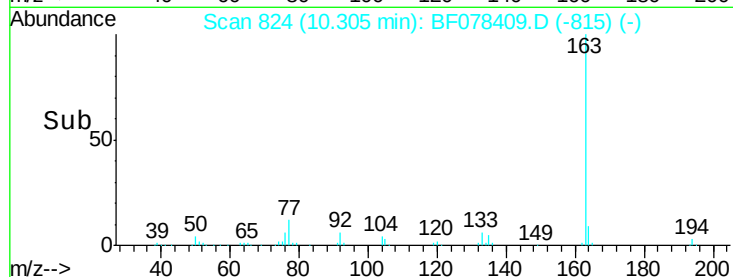
164 9.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.22 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

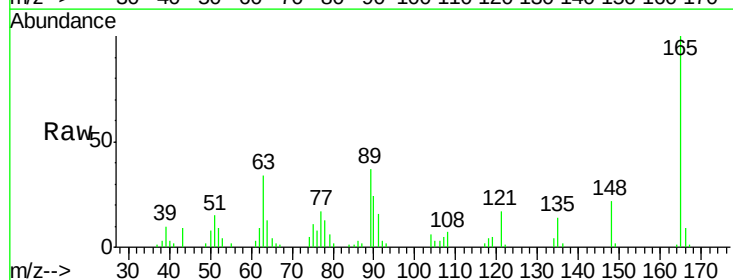
Tgt Ion:165 Resp: 32742

Ion Ratio Lower Upper

165 100

63 33.7 24.1 36.1

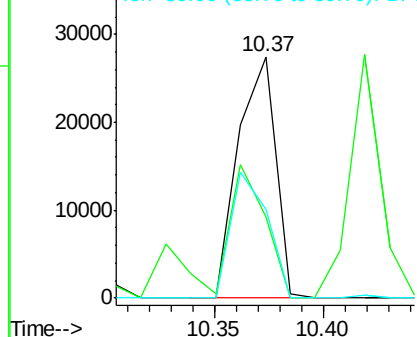
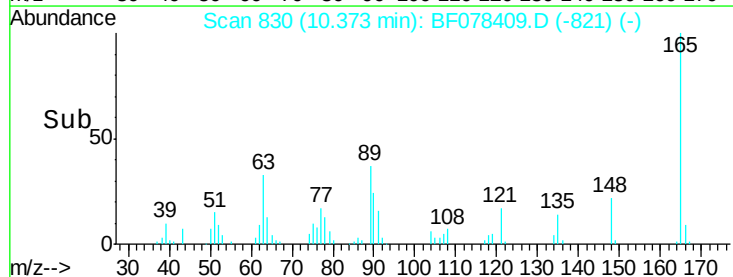
89 37.0 28.9 43.3

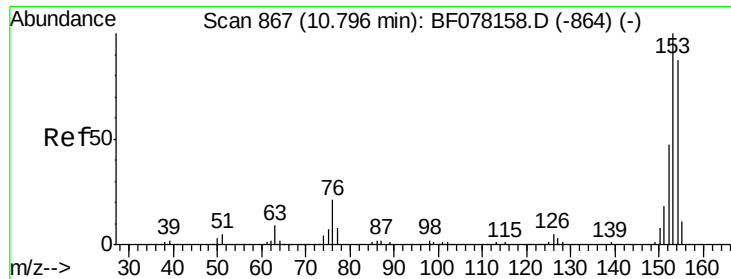


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.09 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

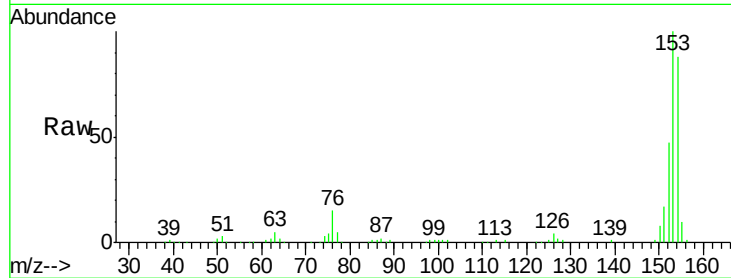
Tgt Ion:154 Resp: 119475

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

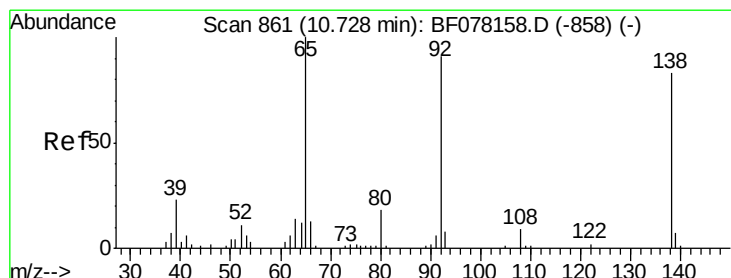
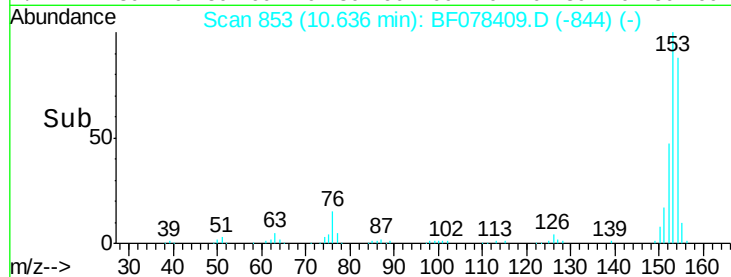
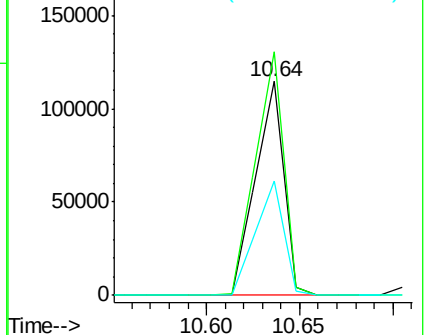
152 53.7 43.0 64.6



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: 30.37 ng

RT: 10.57 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

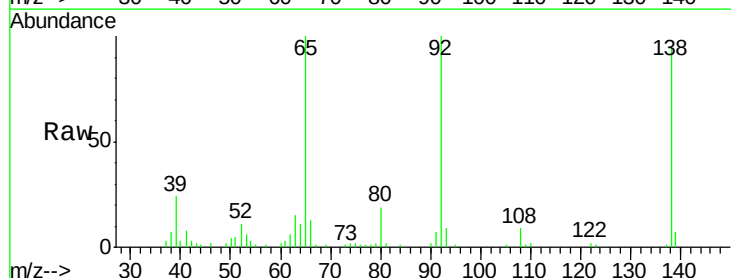
Tgt Ion:138 Resp: 36217

Ion Ratio Lower Upper

138 100

108 9.6 8.2 12.4

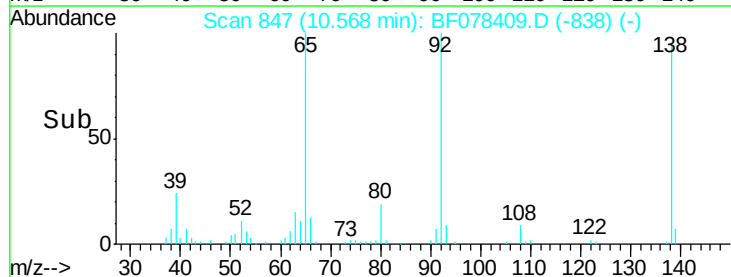
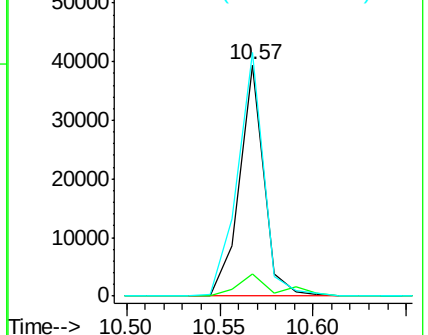
92 105.5 88.4 132.6

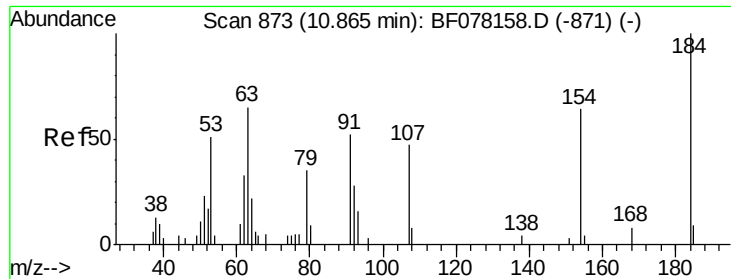


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

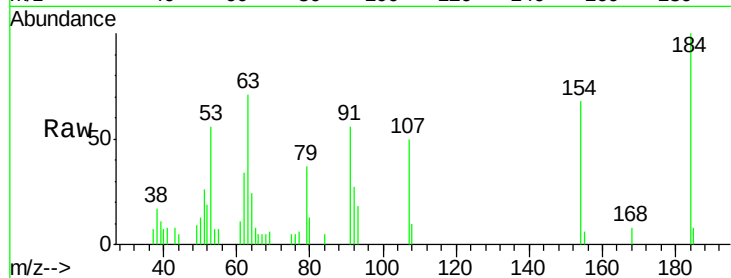




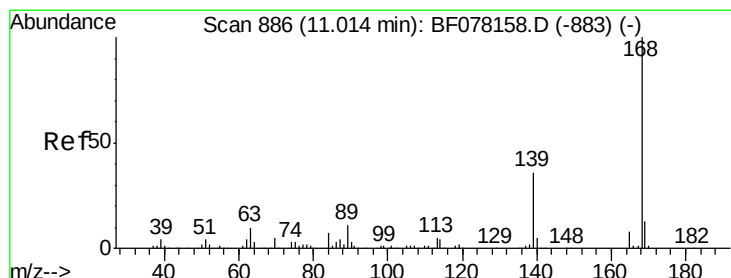
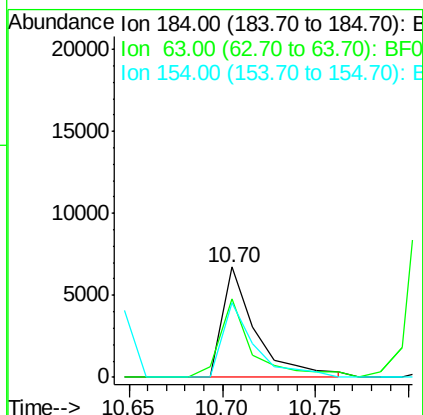
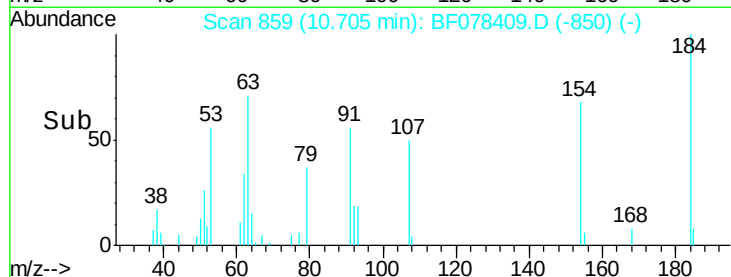
#53
2,4-Dinitrophenol
Concen: 32.04 ng
RT: 10.70 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion:184 Resp: 8406
Ion Ratio Lower Upper
184 100
63 70.7 51.9 77.9
154 68.0 51.0 76.4

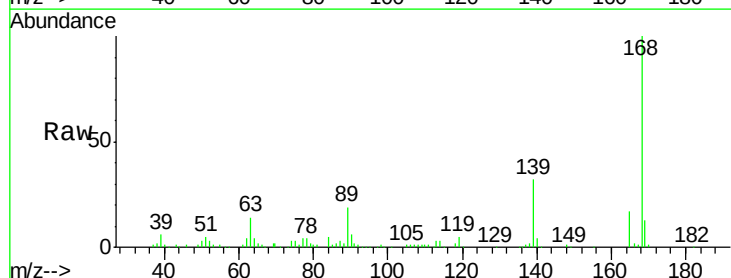


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

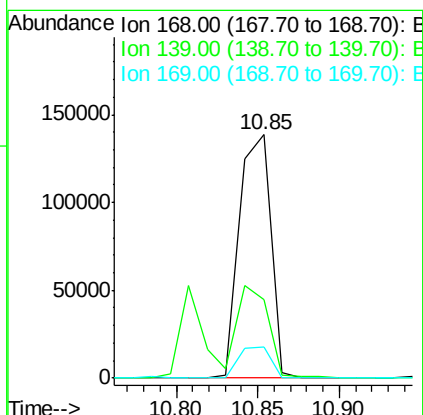
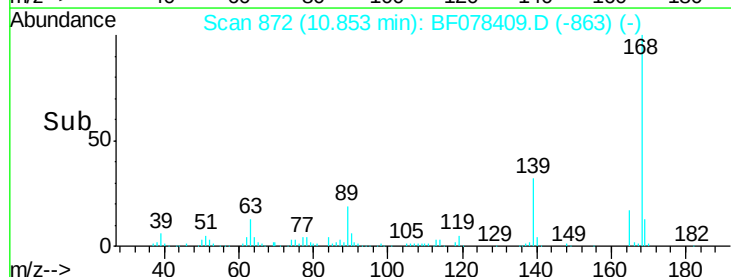


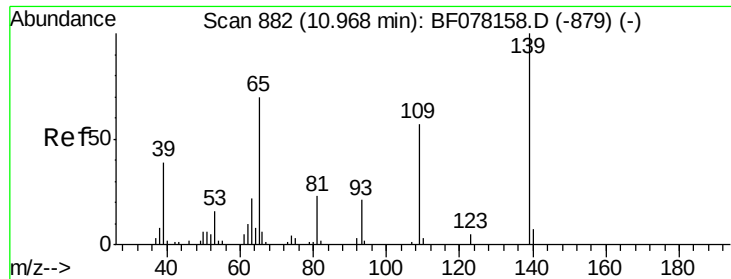
#54
Dibenzofuran
Concen: 30.45 ng
RT: 10.85 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:168 Resp: 184681
Ion Ratio Lower Upper
168 100
139 32.4 31.0 46.4
169 12.6 10.7 16.1



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

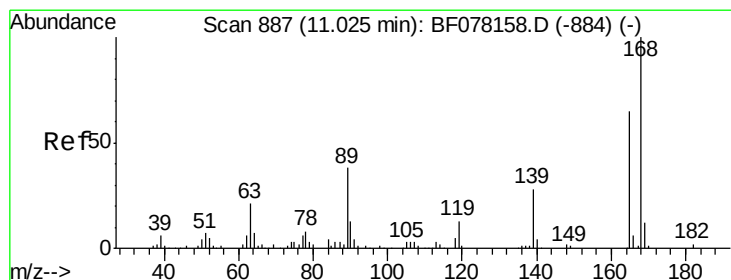
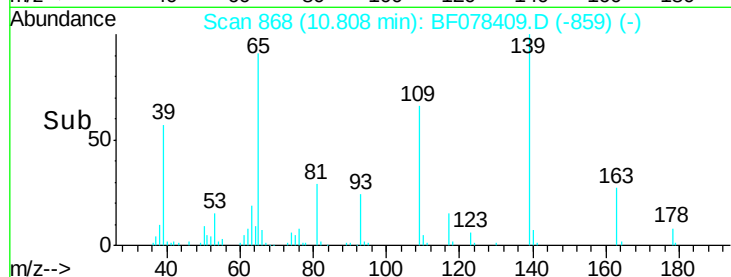
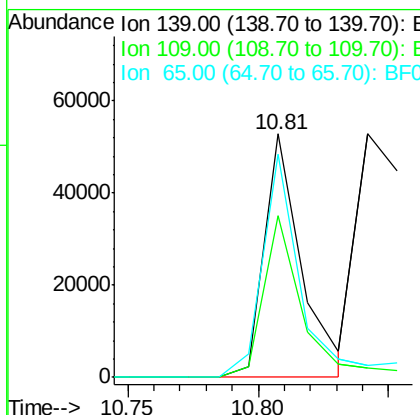
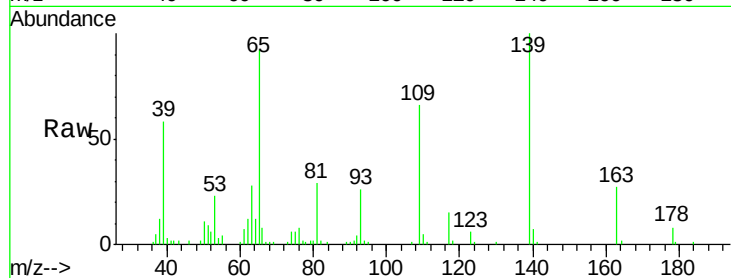




#55
 4-Nitrophenol
 Concen: 60.80 ng
 RT: 10.81 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

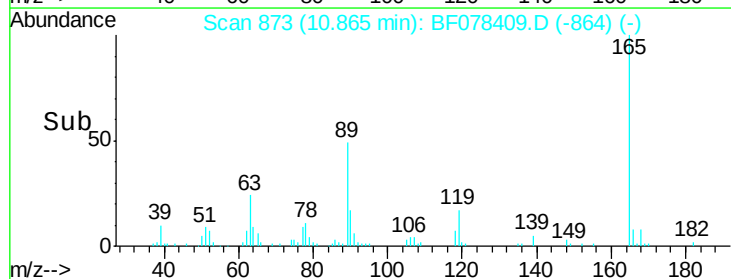
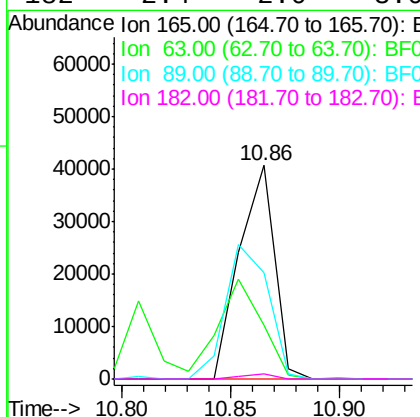
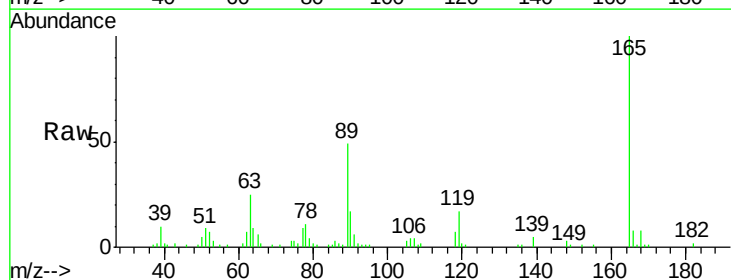
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

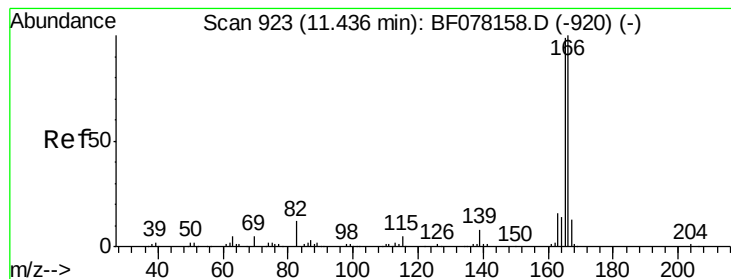
Tgt Ion:139 Resp: 52792
 Ion Ratio Lower Upper
 139 100
 109 66.3 36.7 76.7
 65 91.9 49.9 89.9#



#56
 2,4-Dinitrotoluene
 Concen: 33.70 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:165 Resp: 45786
 Ion Ratio Lower Upper
 165 100
 63 24.9 26.5 39.7#
 89 49.5 46.4 69.6
 182 2.4 2.0 3.0





#57

Fluorene

Concen: 30.92 ng

RT: 11.26 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

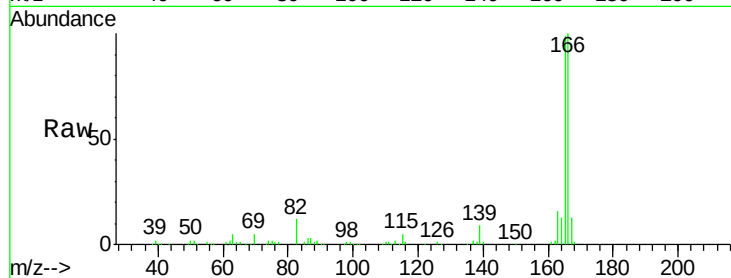
Tgt Ion:166 Resp: 152006

Ion Ratio Lower Upper

166 100

165 99.3 78.9 118.3

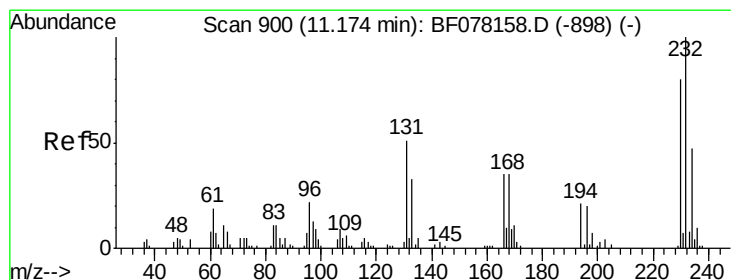
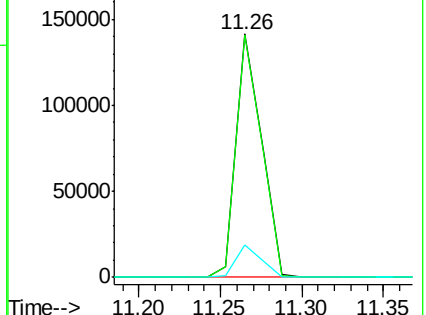
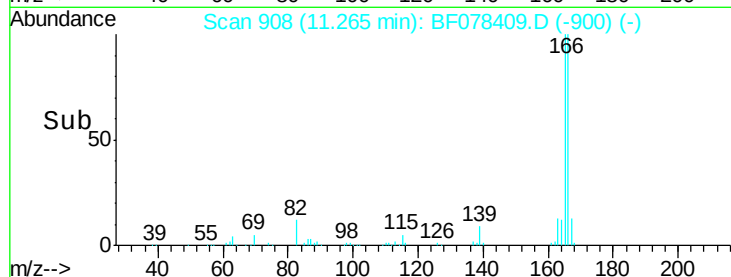
167 13.4 10.7 16.1



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: 35.20 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Tgt Ion:232 Resp: 36147

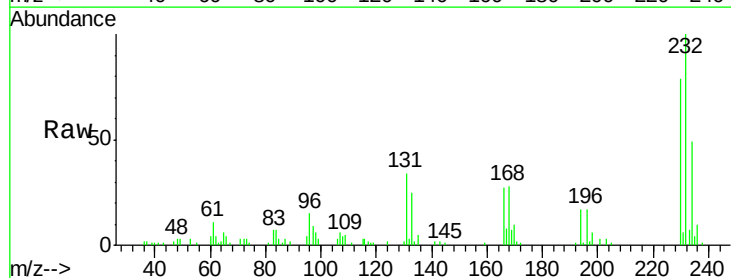
Ion Ratio Lower Upper

232 100

131 45.8 37.8 56.8

130 2.4 1.5 2.3#

166 30.0 25.8 38.6

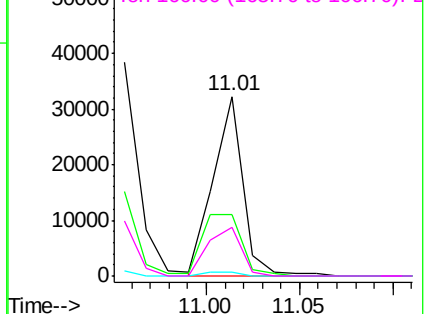
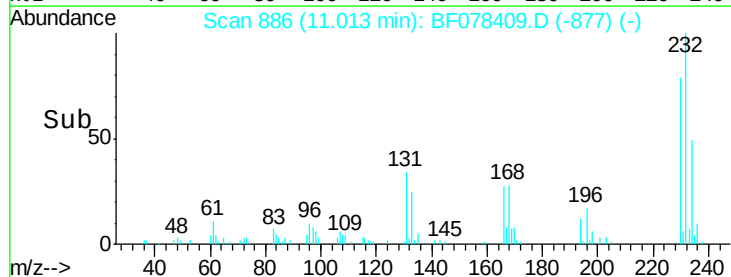


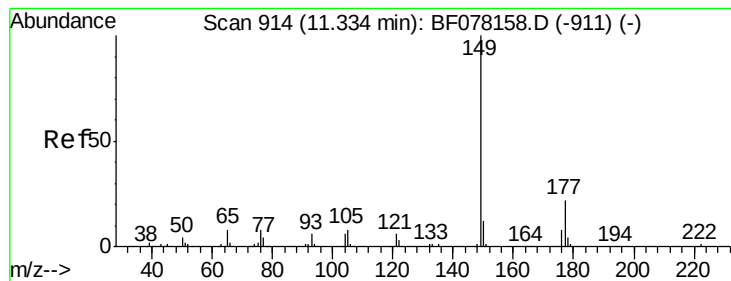
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.01 ng

RT: 11.17 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

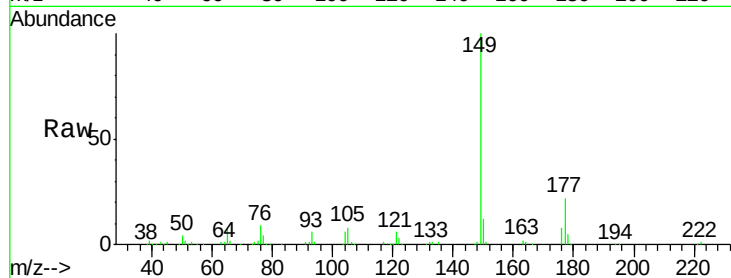
Tgt Ion:149 Resp: 162290

Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

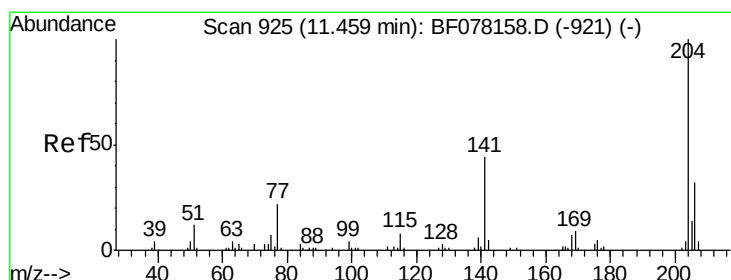
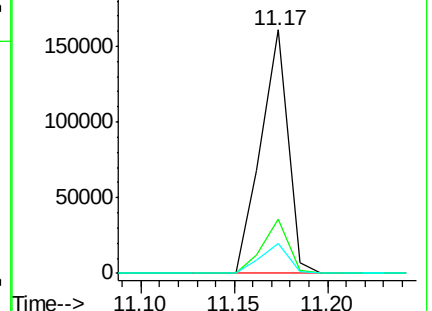
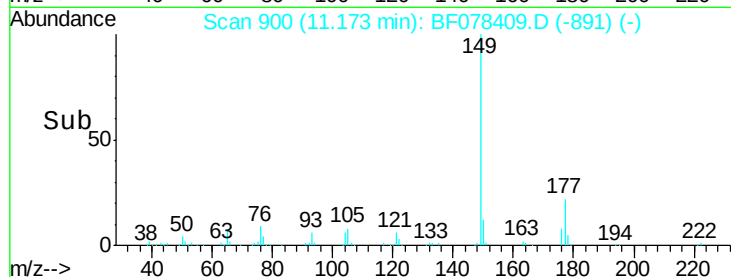
150 12.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.26 ng

RT: 11.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

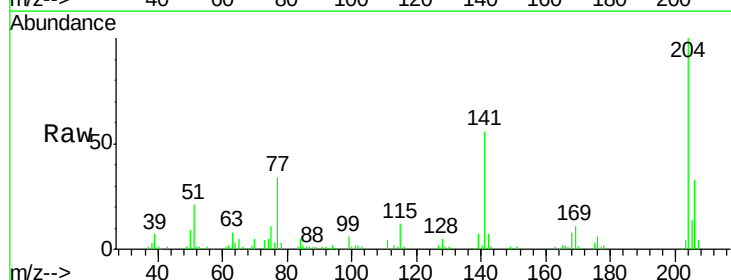
Tgt Ion:204 Resp: 72960

Ion Ratio Lower Upper

204 100

206 32.6 25.6 38.4

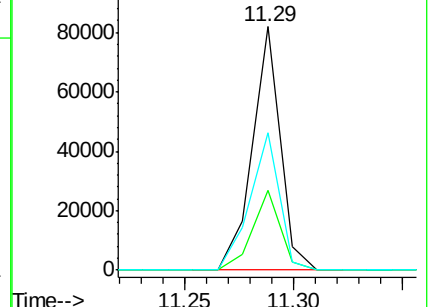
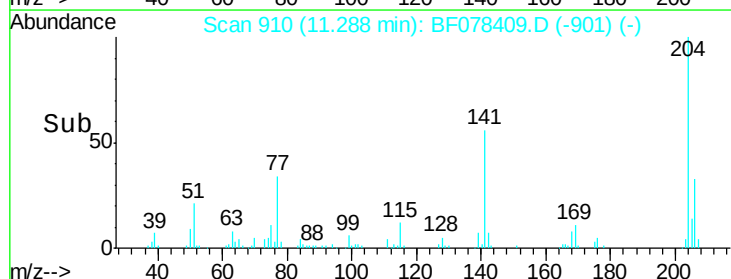
141 56.2 35.4 53.0#

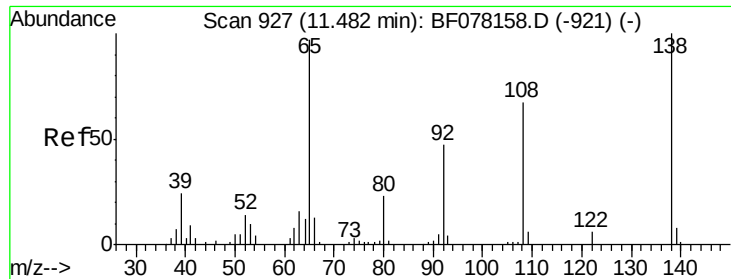


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

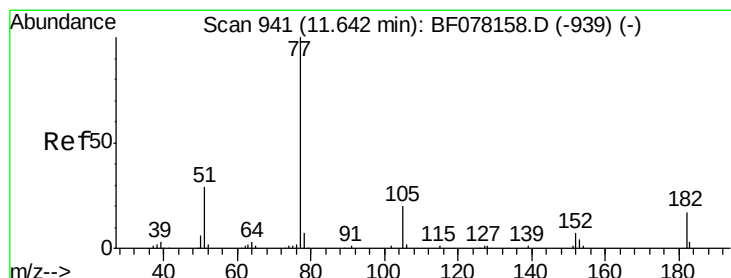
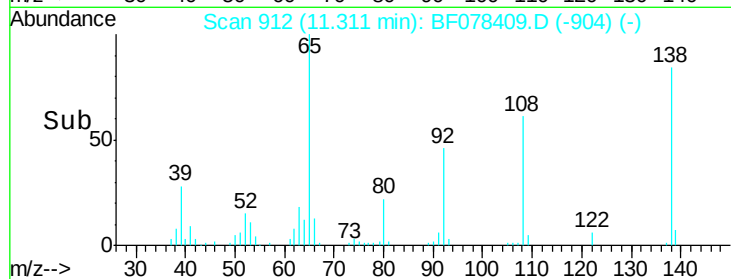
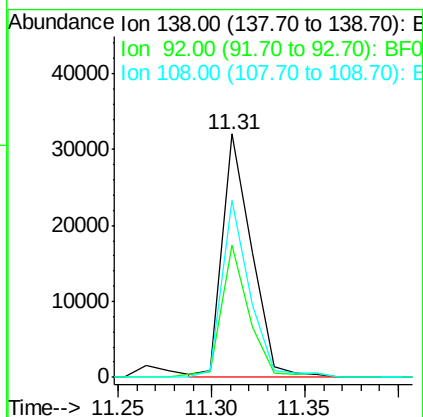
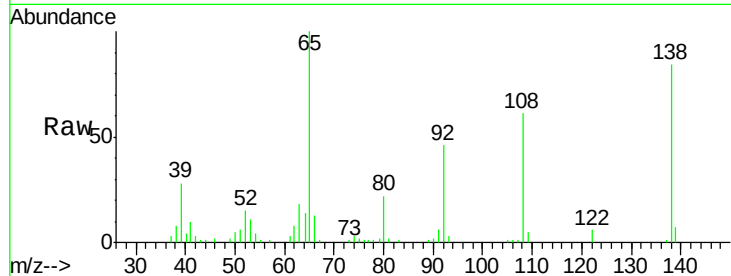




#61
4-Nitroaniline
Concen: 29.48 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

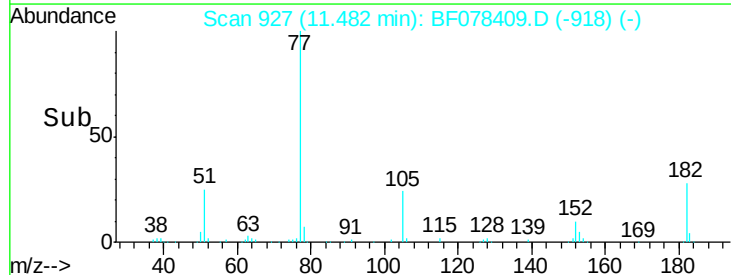
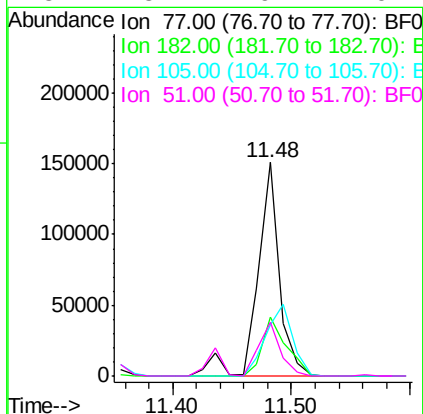
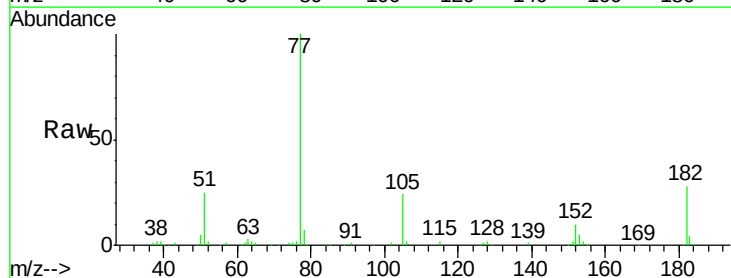
Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

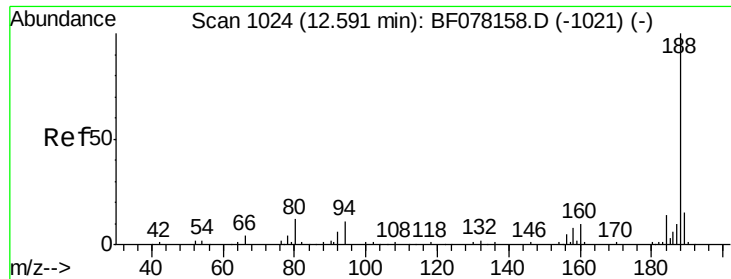
Tgt Ion:138 Resp: 35548
Ion Ratio Lower Upper
138 100
92 54.6 27.3 67.3
108 72.7 47.2 87.2



#62
Azobenzene
Concen: 43.12 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion: 77 Resp: 193466
Ion Ratio Lower Upper
77 100
182 27.5 0.0 36.8
105 24.0 0.3 40.3
51 25.2 9.1 49.1

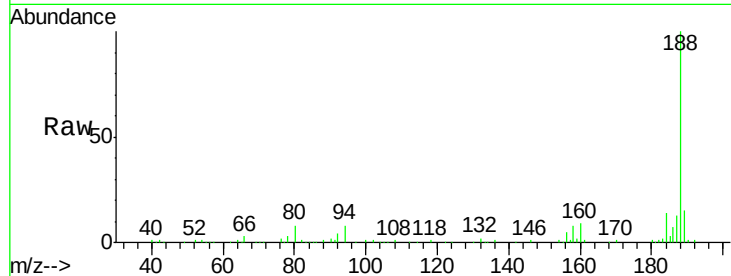




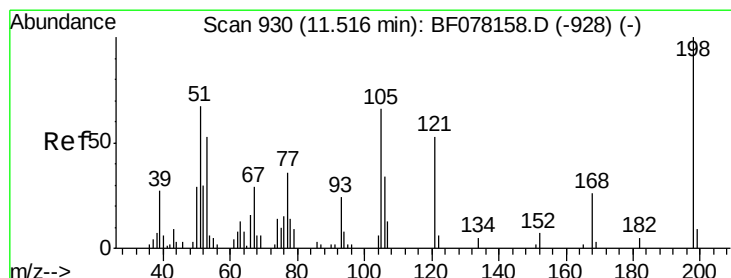
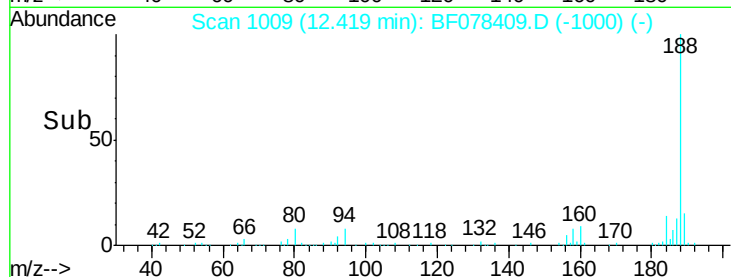
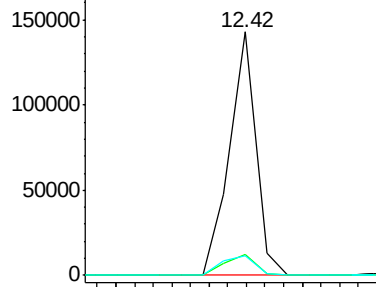
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion:188 Resp: 139920
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.0 13.4#
 80 8.3 9.5 14.3#

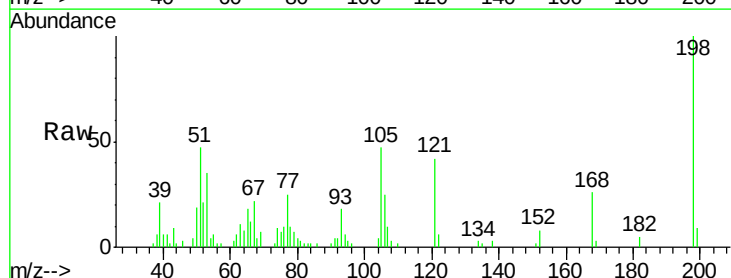


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

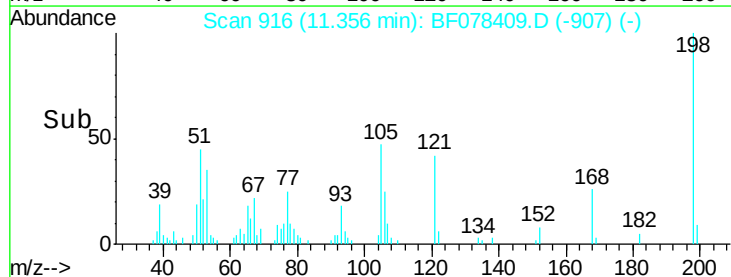
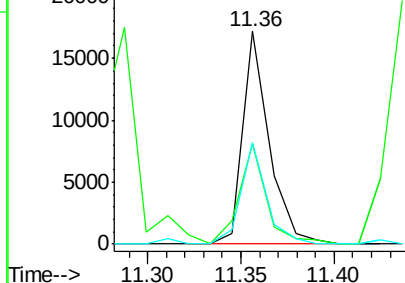


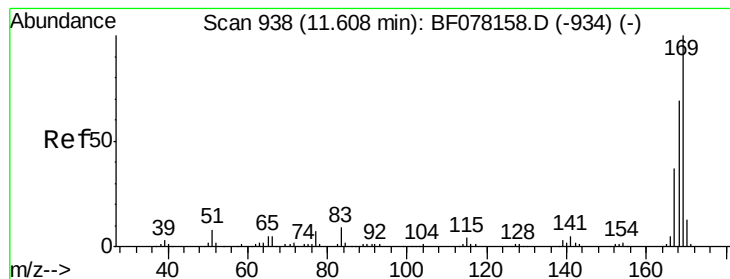
#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.59 ng
 RT: 11.36 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:198 Resp: 16930
 Ion Ratio Lower Upper
 198 100
 51 47.4 48.6 88.6#
 105 47.5 45.8 85.8



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

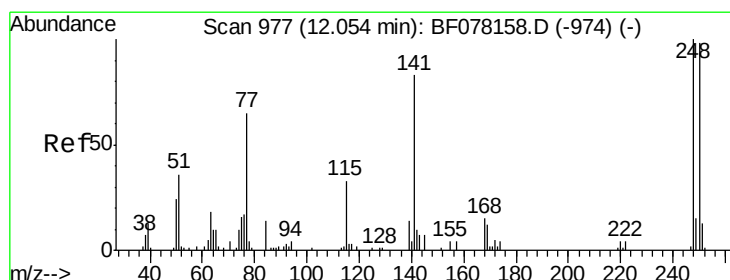
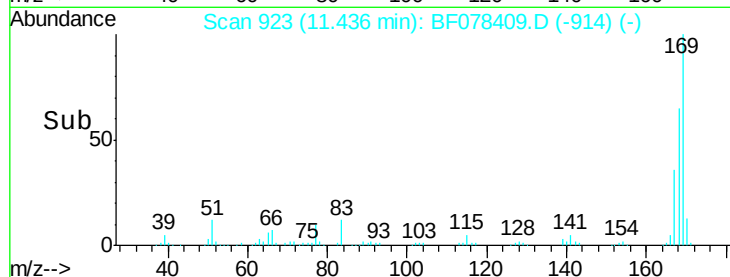
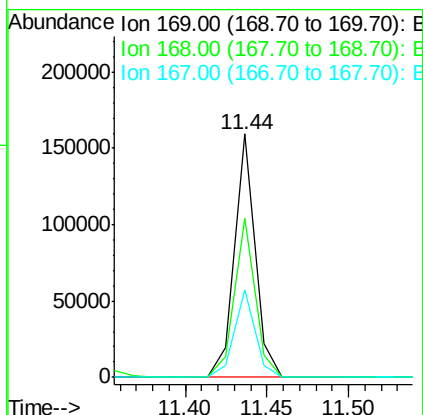
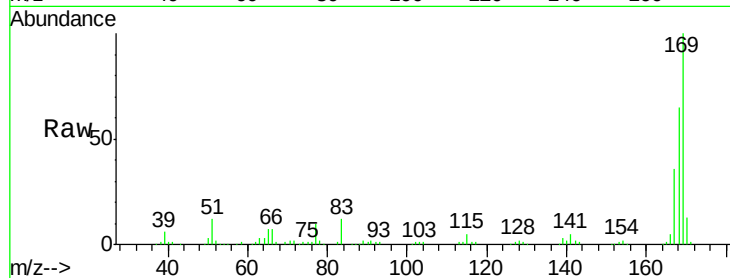




#65
 n-Nitrosodiphenylamine
 Concen: 28.73 ng
 RT: 11.44 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

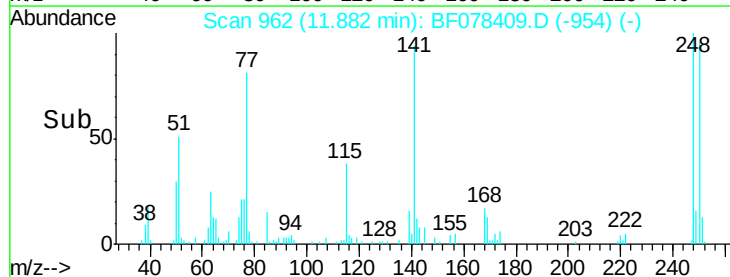
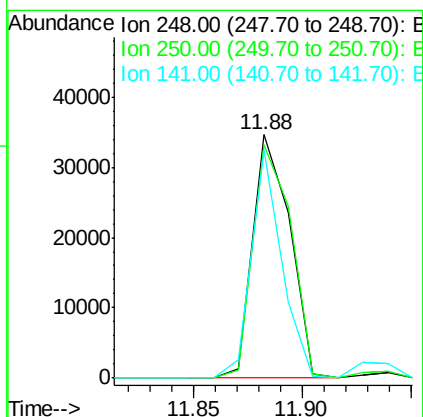
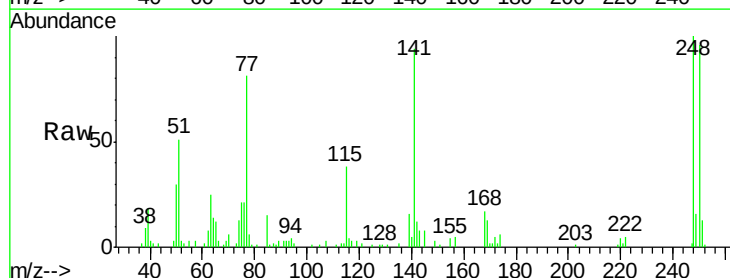
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

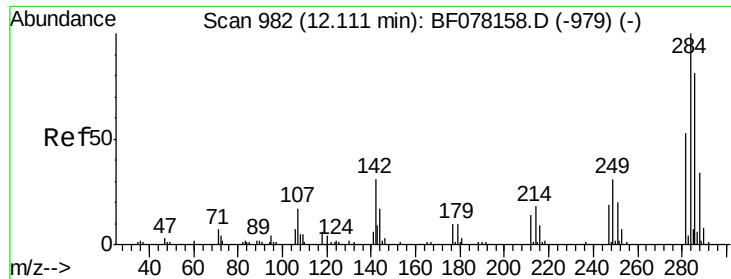
Tgt Ion:169 Resp: 139074
 Ion Ratio Lower Upper
 169 100
 168 65.3 55.0 82.4
 167 35.9 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 27.81 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:248 Resp: 41212
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.2 117.2
 141 93.6 66.4 99.6





#67

Hexachlorobenzene

Concen: 28.03 ng

RT: 11.94 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

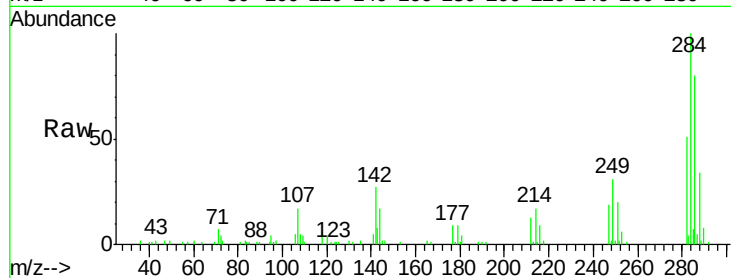
Tgt Ion:284 Resp: 45515

Ion Ratio Lower Upper

284 100

142 26.5 24.5 36.7

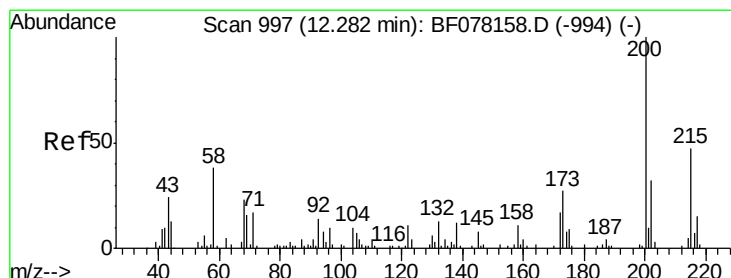
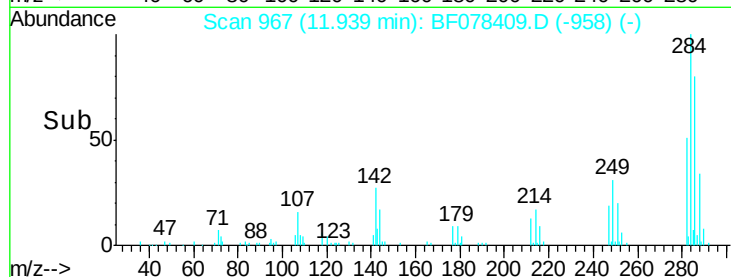
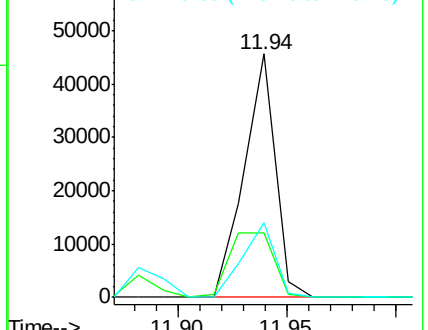
249 30.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.97 ng

RT: 12.12 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

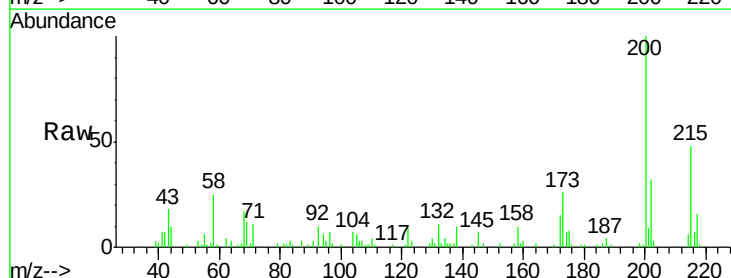
Tgt Ion:200 Resp: 47618

Ion Ratio Lower Upper

200 100

173 25.6 6.9 46.9

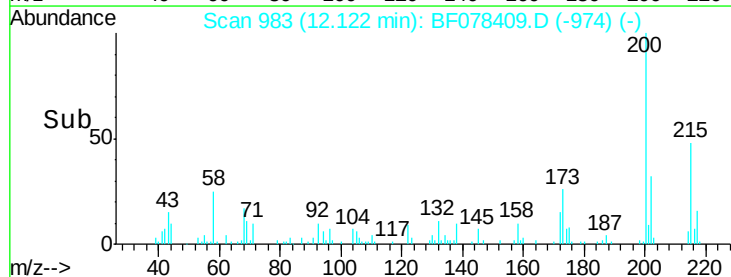
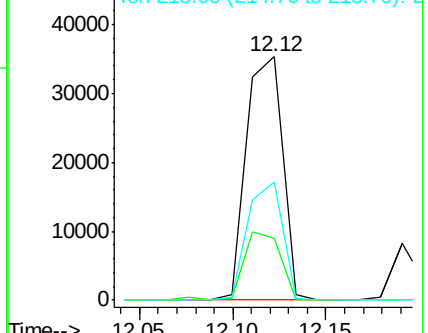
215 48.4 27.1 67.1

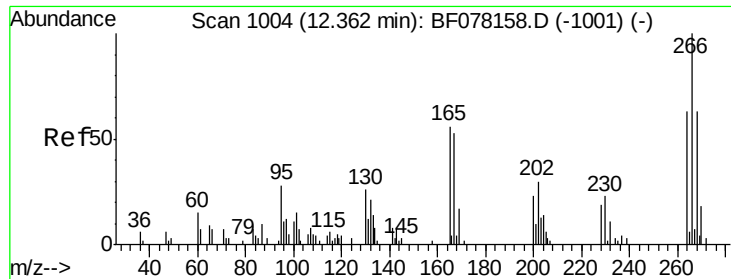


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

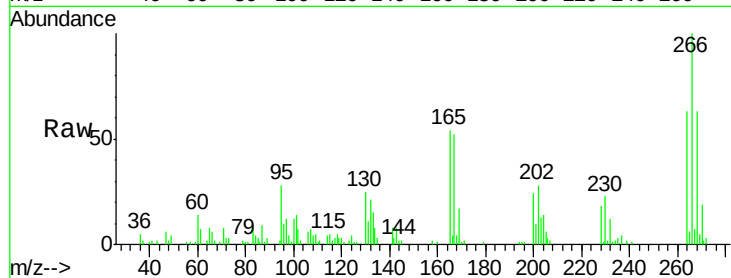




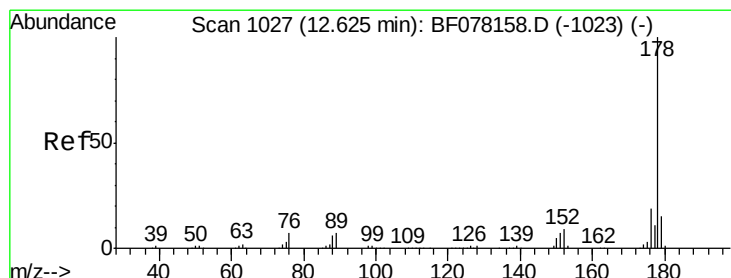
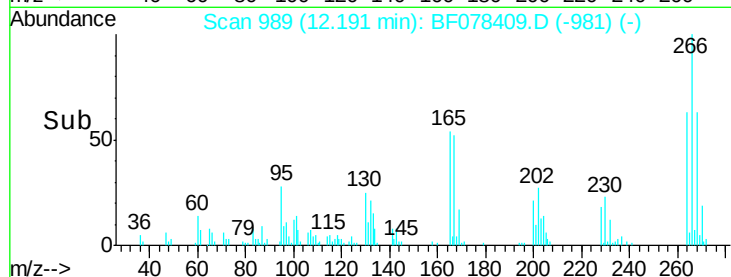
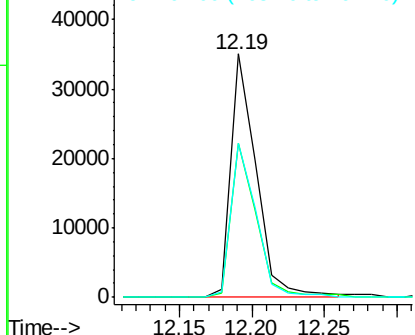
#69
 Pentachlorophenol
 Concen: 61.31 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

Tgt Ion:266 Resp: 42701
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.1 75.1
 264 63.2 50.0 75.0

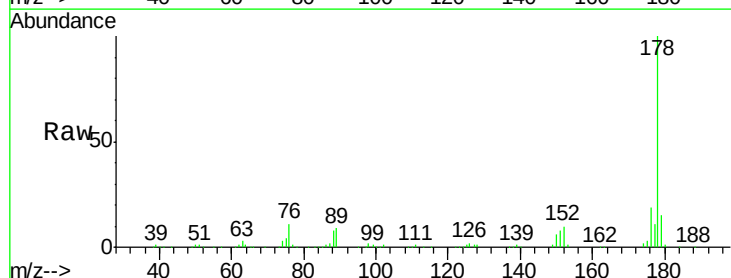


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

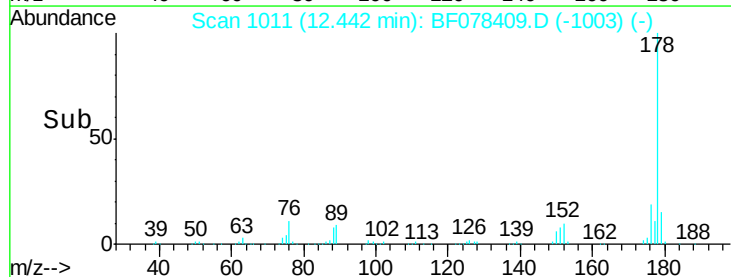
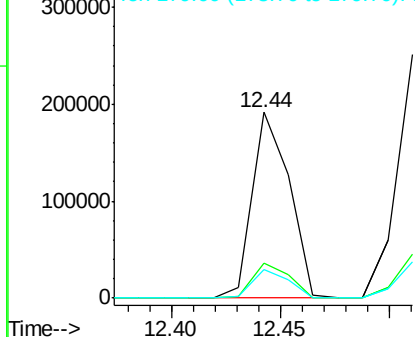


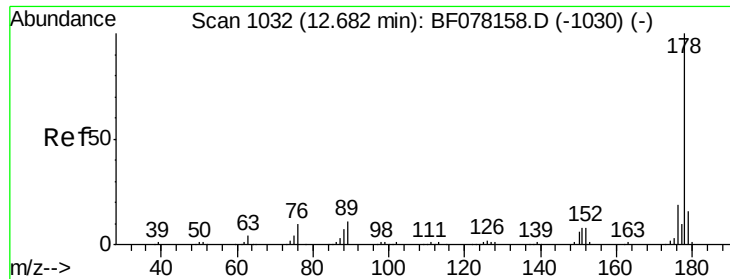
#70
 Phenanthrene
 Concen: 28.20 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:178 Resp: 228218
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.2 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

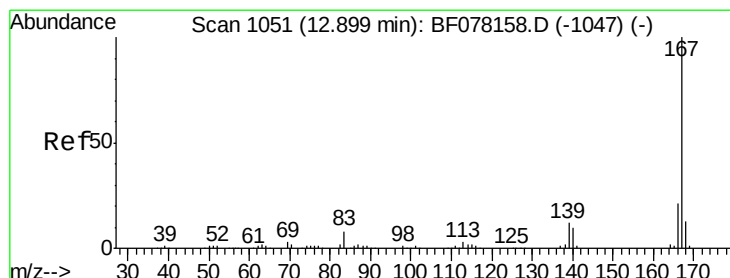
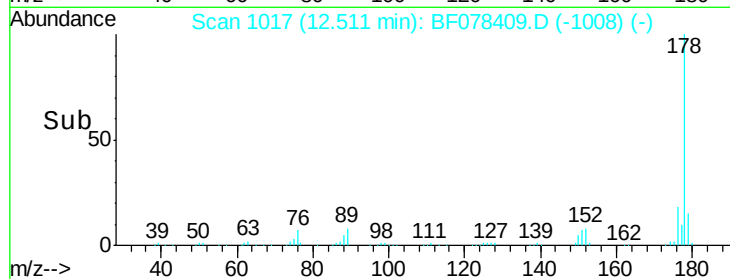
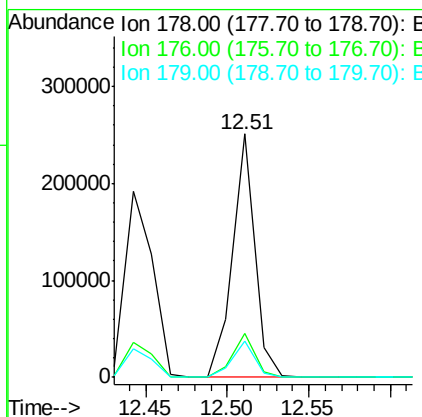
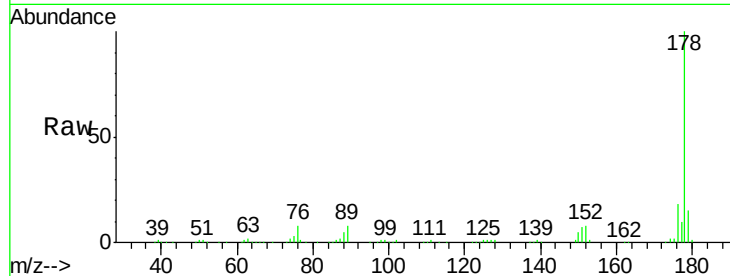




#71
 Anthracene
 Concen: 29.44 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

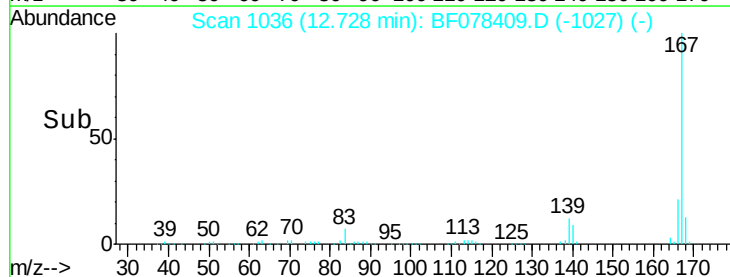
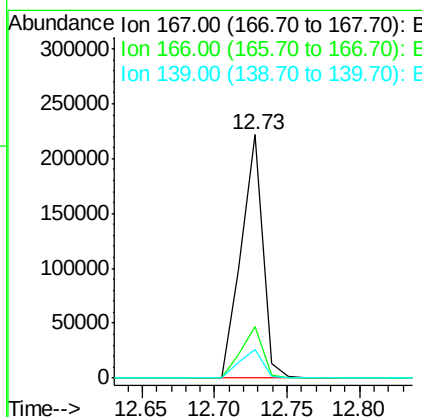
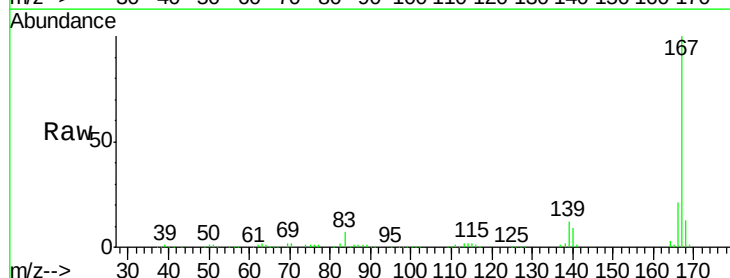
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

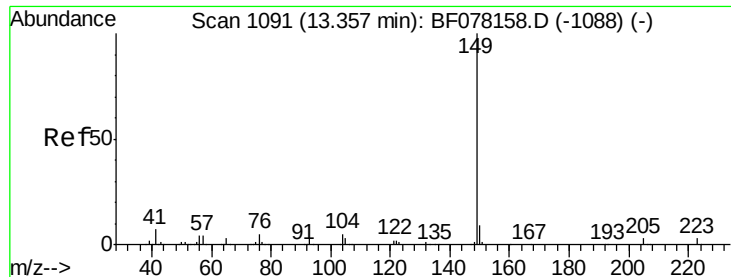
Tgt Ion:178 Resp: 234831
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 15.0 12.4 18.6



#72
 Carbazole
 Concen: 31.01 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:167 Resp: 231807
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 11.6 10.0 15.0

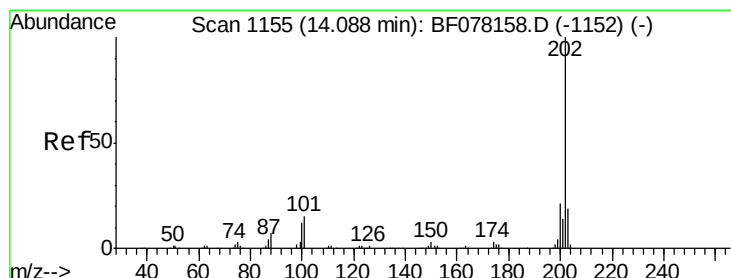
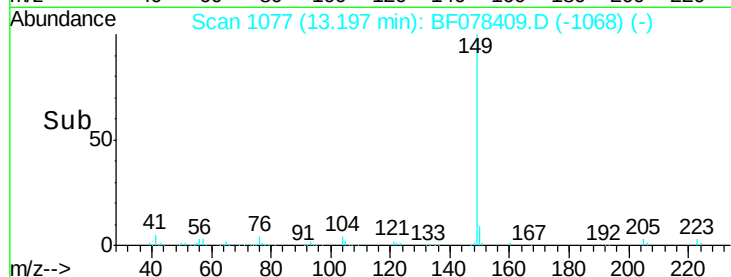
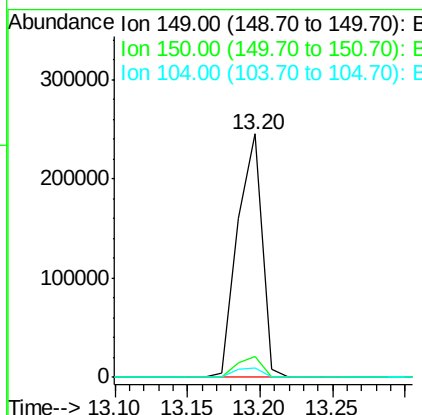
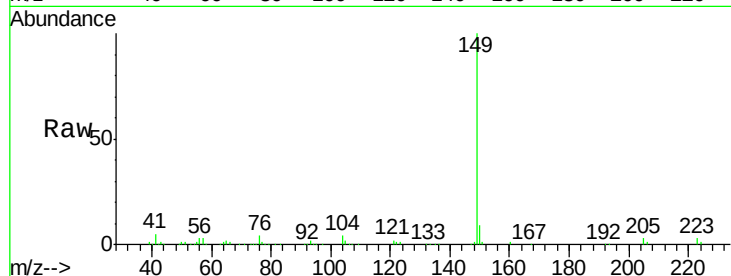




#73
Di-n-butylphthalate
Concen: 33.95 ng
RT: 13.20 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

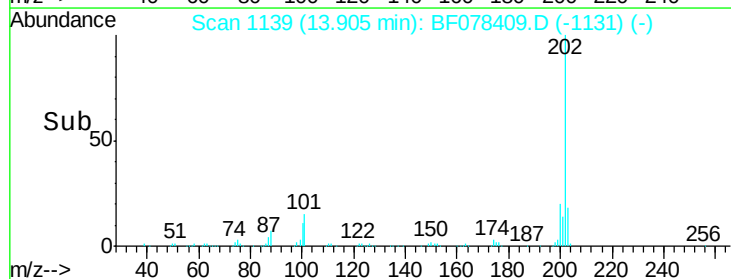
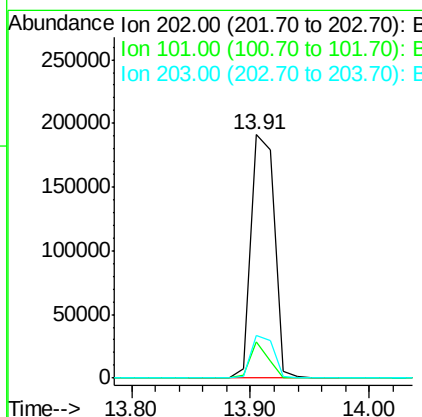
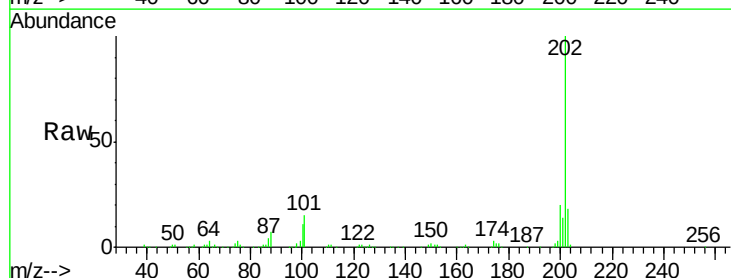
Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

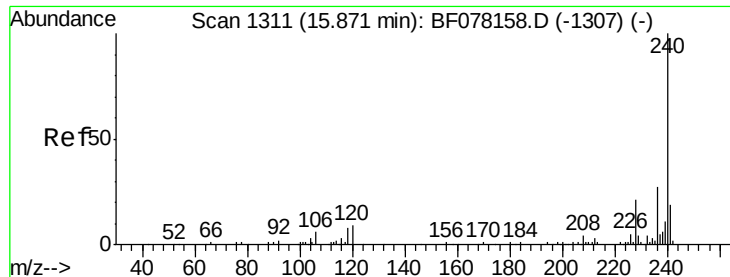
Tgt Ion:149 Resp: 287463
Ion Ratio Lower Upper
149 100
150 8.6 7.1 10.7
104 3.9 3.8 5.6



#74
Fluoranthene
Concen: 31.04 ng
RT: 13.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:202 Resp: 264915
Ion Ratio Lower Upper
202 100
101 15.1 0.0 35.2
203 17.8 0.0 38.5

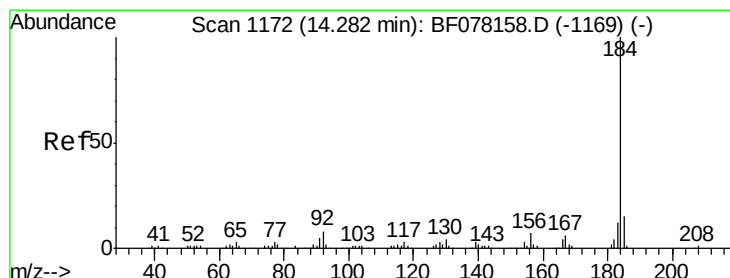
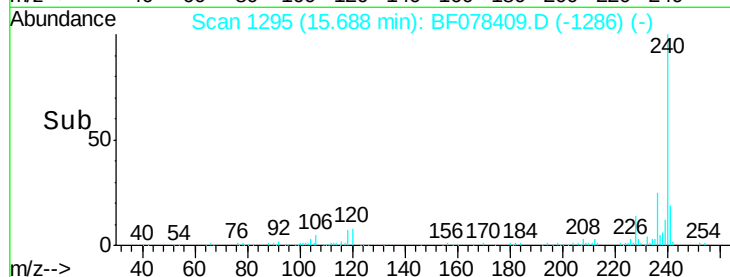
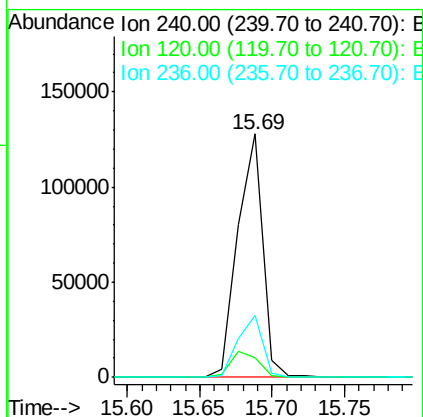
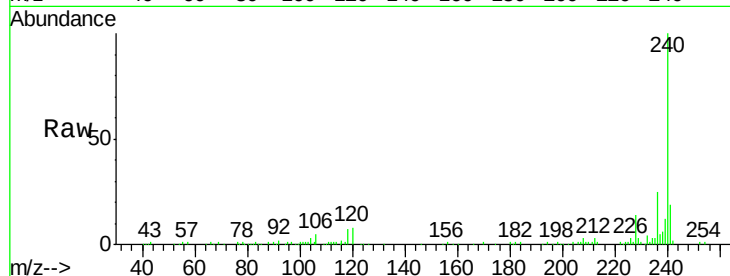




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

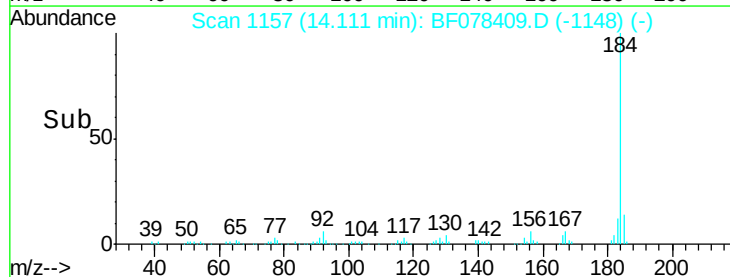
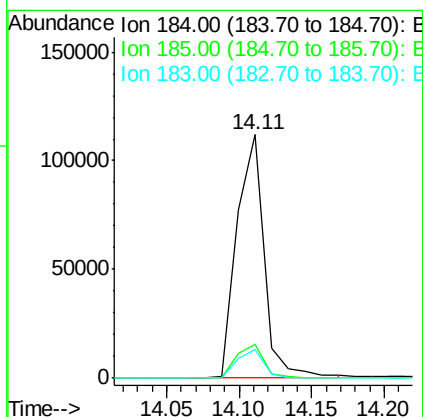
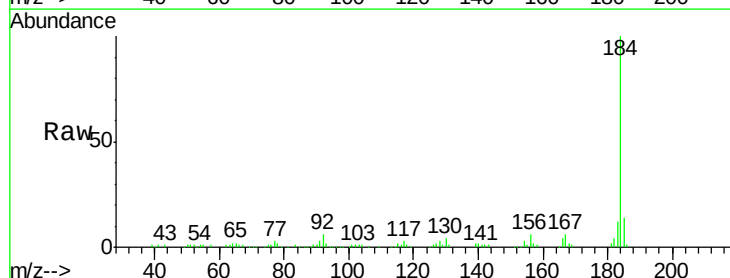
Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

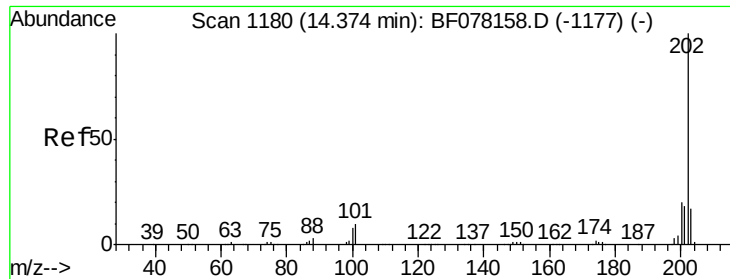
Tgt Ion:240 Resp: 153136
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.2 21.4 32.2



#76
Benzidine
Concen: 24.95 ng
RT: 14.11 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:184 Resp: 147141
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 11.7 9.5 14.3

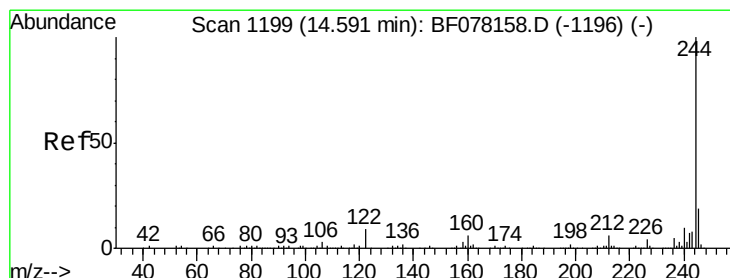
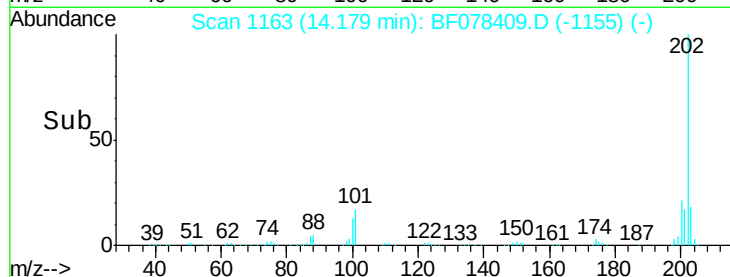
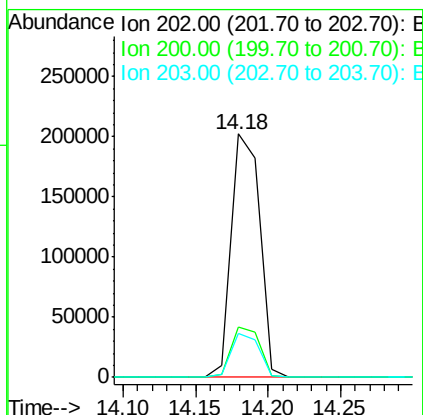
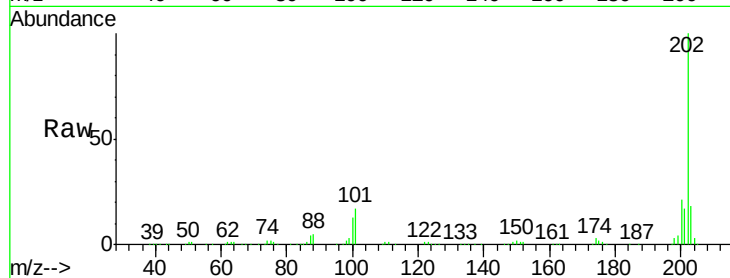




#77
 Pyrene
 Concen: 28.78 ng
 RT: 14.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

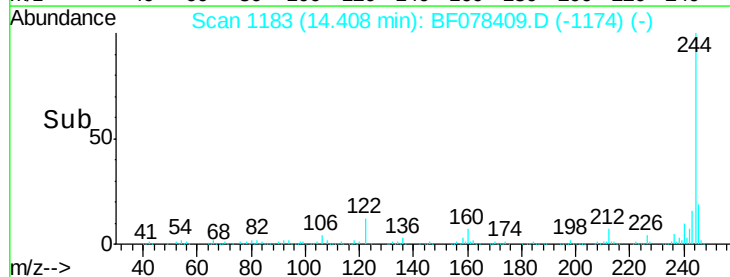
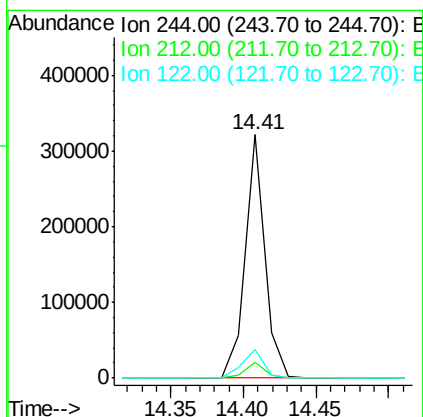
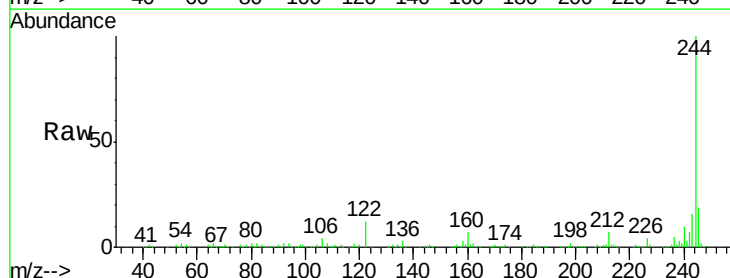
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

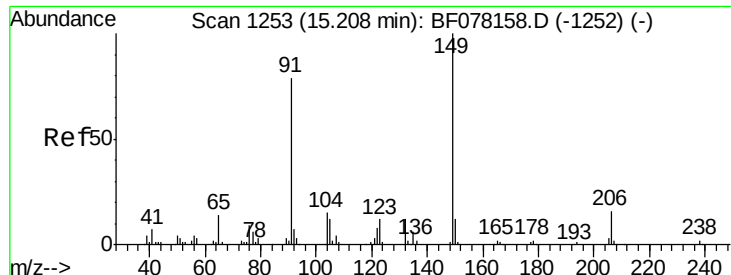
Tgt Ion: 202 Resp: 276663
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.3 24.5
 203 18.1 13.8 20.6



#78
 Terphenyl-d14
 Concen: 44.58 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion: 244 Resp: 302083
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 11.7 7.1 10.7#

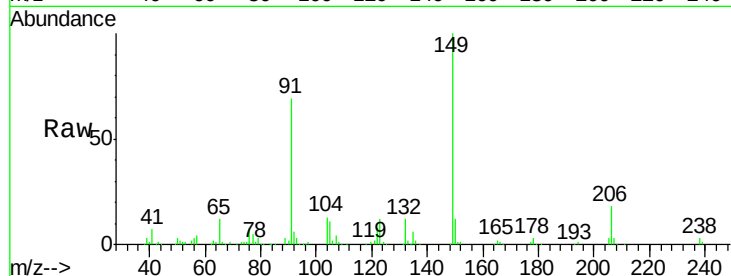




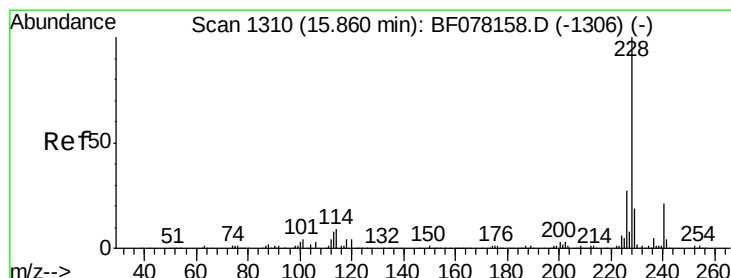
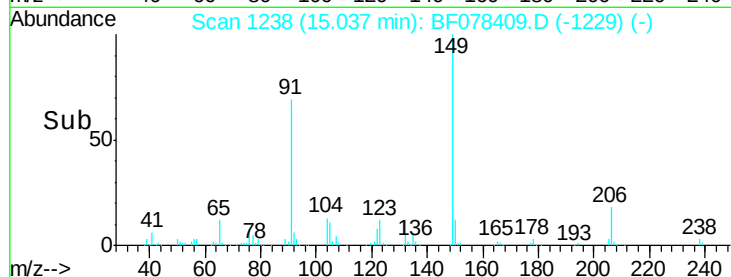
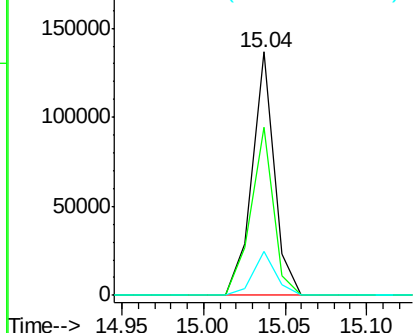
#79
Butylbenzylphthalate
Concen: 35.44 ng
RT: 15.04 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Instrument :
BNA_F
ClientSampleId :
LS-SD08CMS

Tgt Ion:149 Resp: 129848
Ion Ratio Lower Upper
149 100
91 69.1 64.2 96.2
206 18.3 12.6 18.8

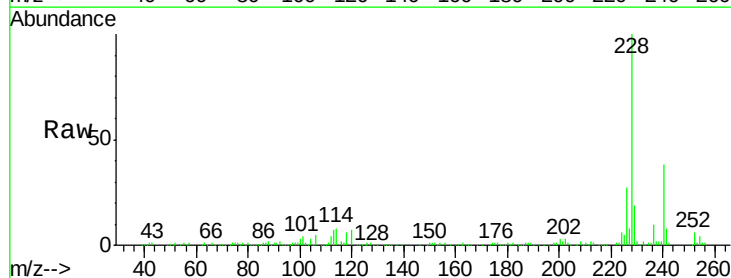


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

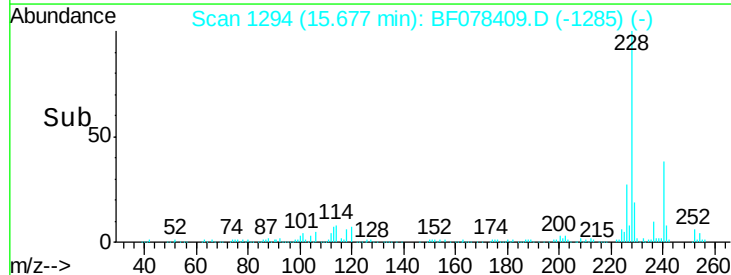
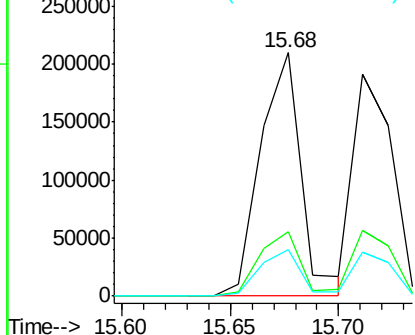


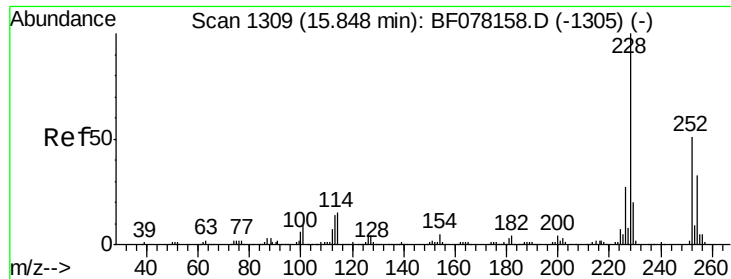
#80
Benzo(a)anthracene
Concen: 30.21 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF078409.D
Acq: 10 Apr 2015 19:54

Tgt Ion:228 Resp: 275252
Ion Ratio Lower Upper
228 100
226 26.7 21.3 31.9
229 19.1 15.4 23.2



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

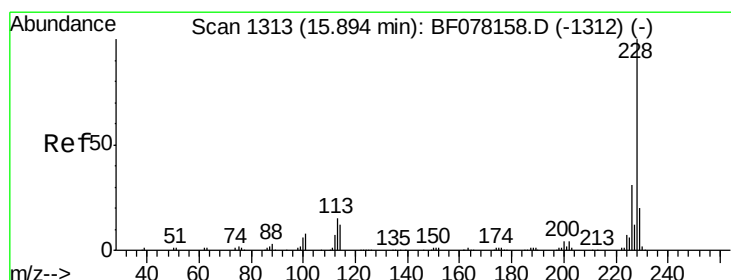
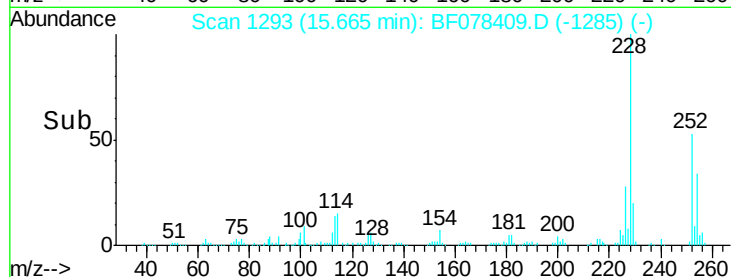
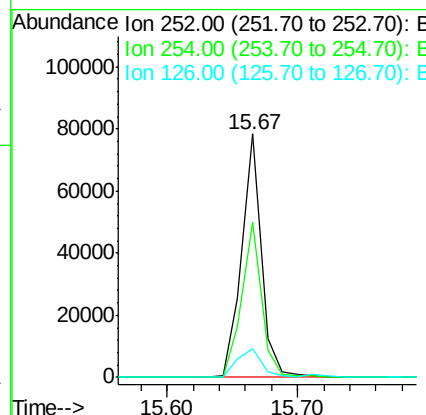
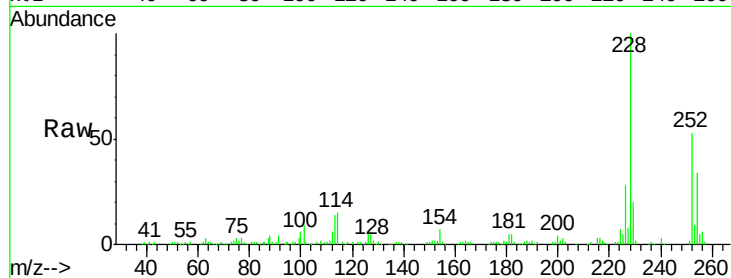




#81
 3,3'-Dichlorobenzidine
 Concen: 26.98 ng
 RT: 15.67 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

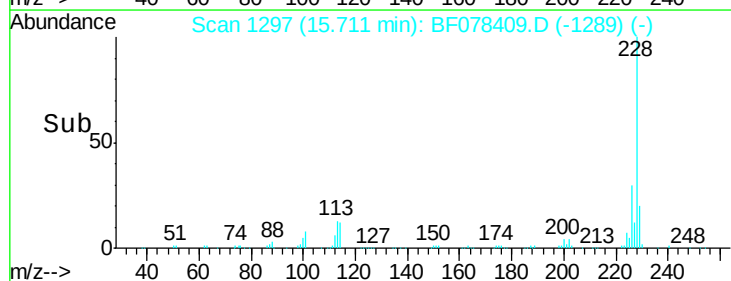
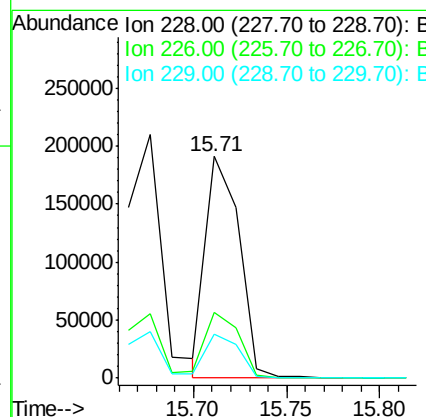
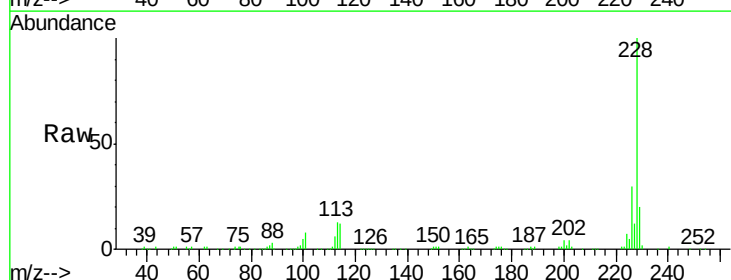
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

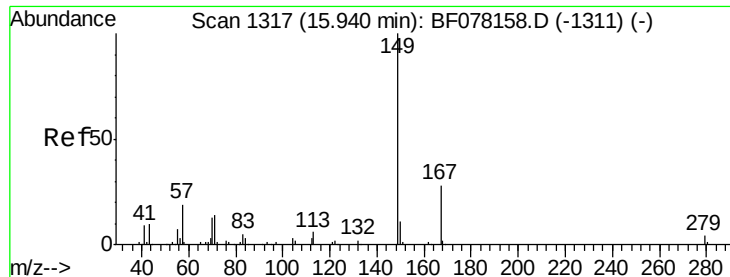
Tgt Ion:252 Resp: 82329
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.2 76.8
 126 11.5 6.3 9.5#



#82
 Chrysene
 Concen: 27.80 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion:228 Resp: 238005
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 20.0 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.98 ng

RT: 15.77 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

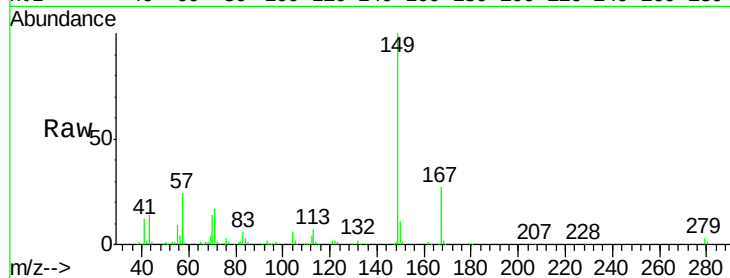
Tgt Ion:149 Resp: 206760

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

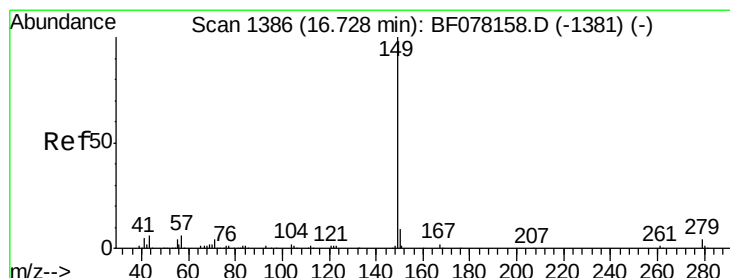
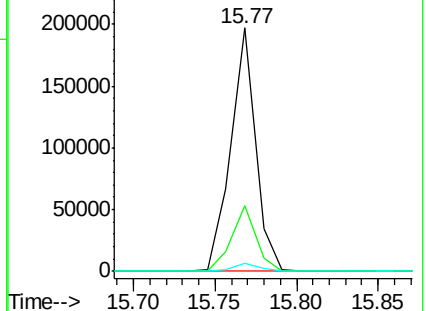
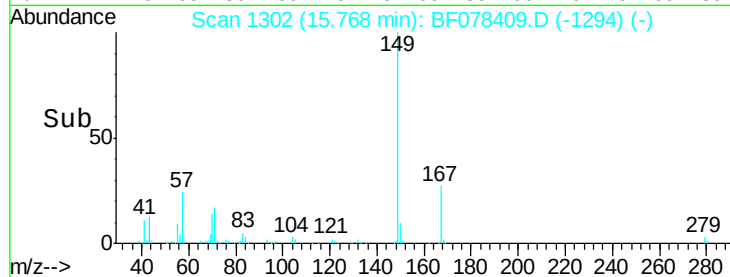
279 3.2 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.65 ng

RT: 16.57 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

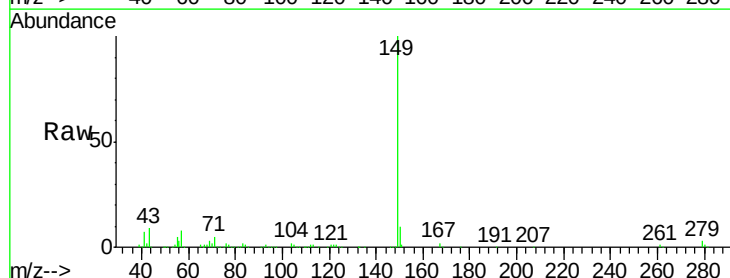
Tgt Ion:149 Resp: 355288

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

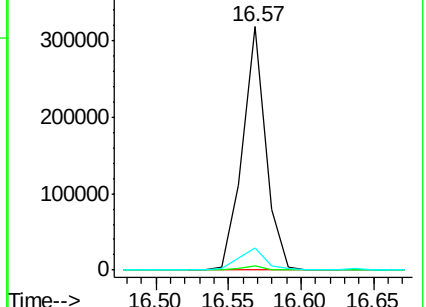
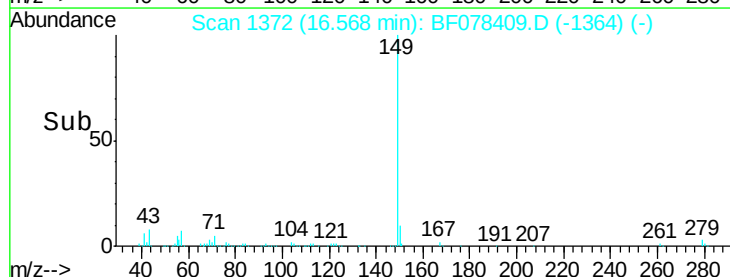
43 9.3 0.0 0.0#

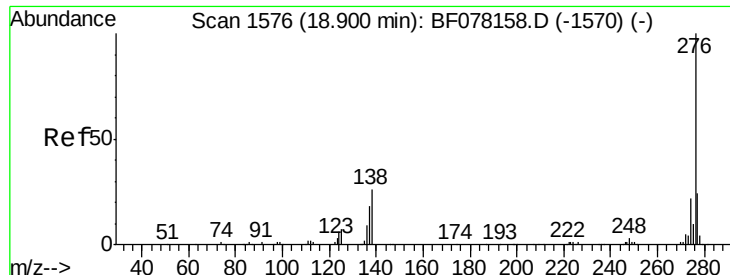


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

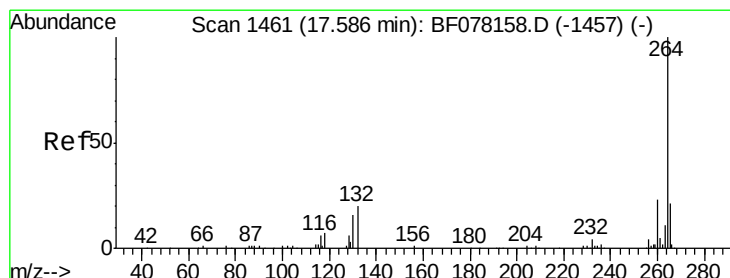
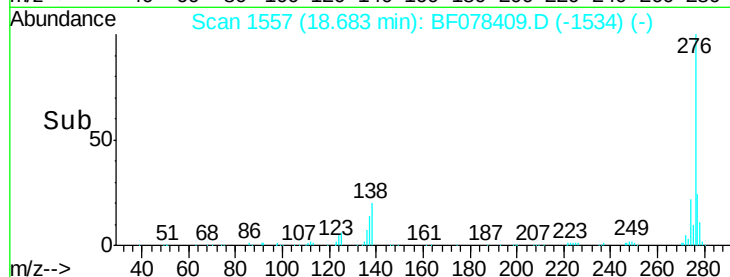
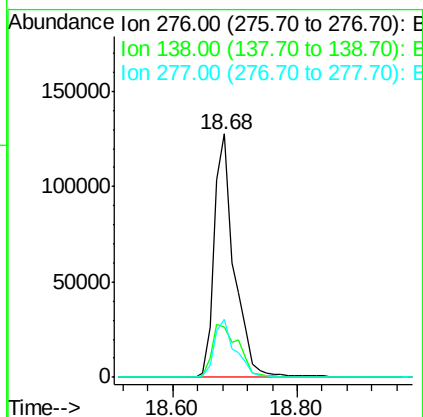
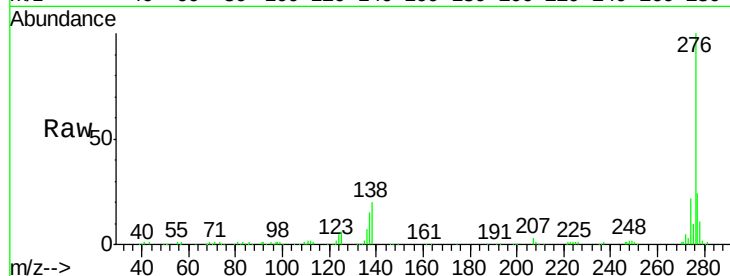




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.95 ng
 RT: 18.68 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

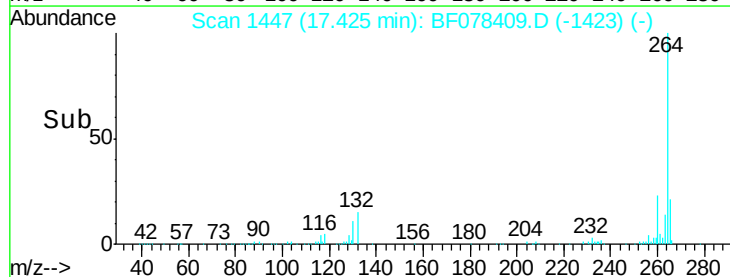
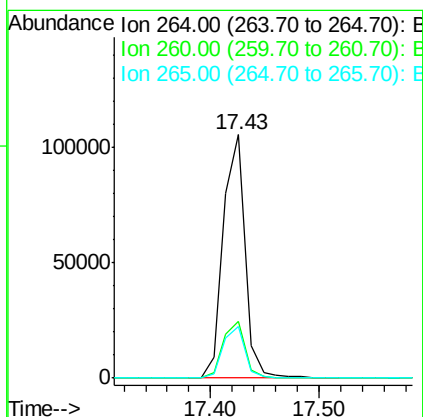
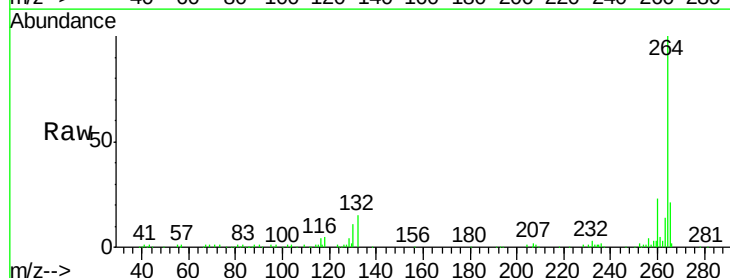
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08CMS

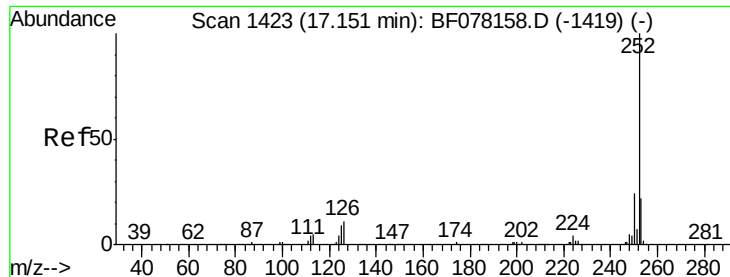
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	16.9	25.3#
277	24.8	15.8	23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.43 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF078409.D
 Acq: 10 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.3	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 28.45 ng

RT: 16.98 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

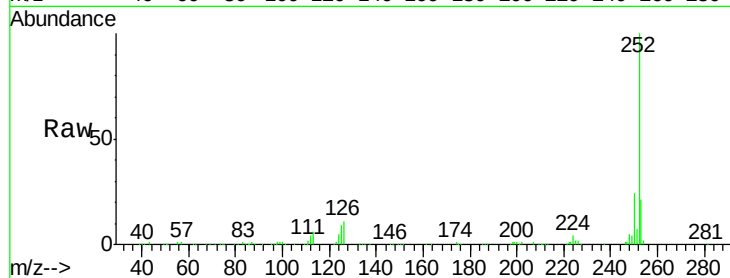
Tgt Ion:252 Resp: 258786

Ion Ratio Lower Upper

252 100

253 20.6 17.2 25.8

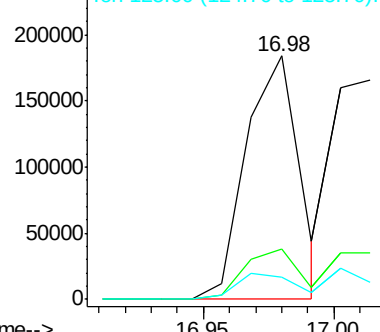
125 8.9 7.0 10.4



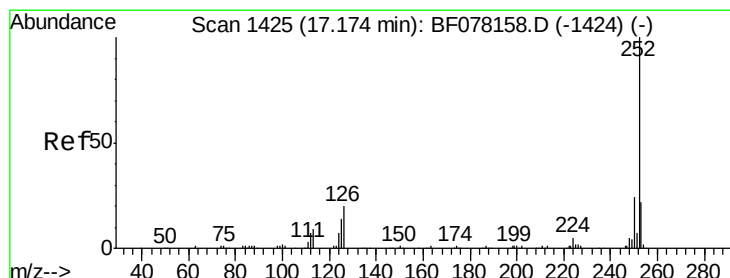
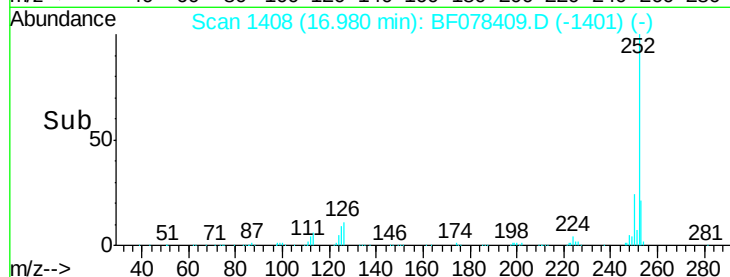
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 32.02 ng

RT: 16.98 min Scan# 1408

Delta R.T. -0.06 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

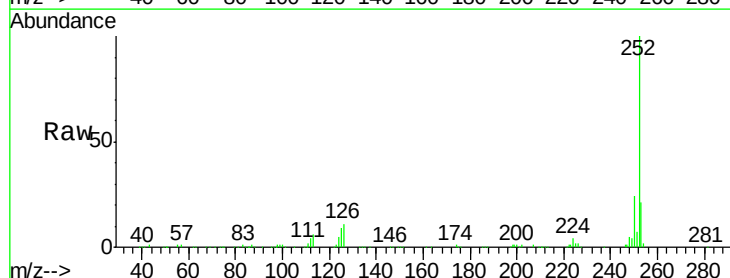
Tgt Ion:252 Resp: 258843

Ion Ratio Lower Upper

252 100

253 20.6 17.5 26.3

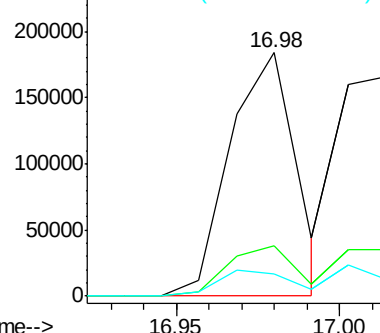
125 8.9 11.6 17.4#



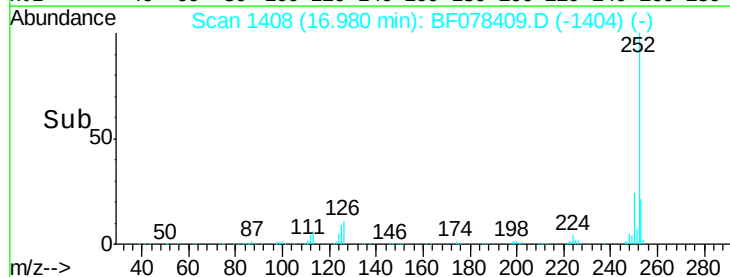
Abundance Ion 252.00 (251.70 to 252.70): E

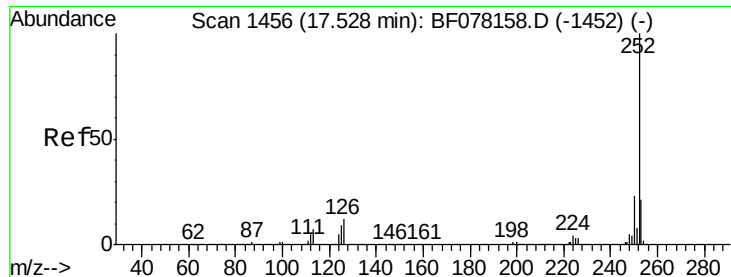
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 31.21 ng

RT: 17.36 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS

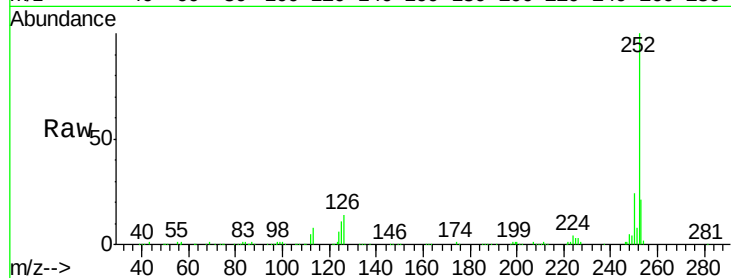
Tgt Ion:252 Resp: 247769

Ion Ratio Lower Upper

252 100

253 21.4 16.8 25.2

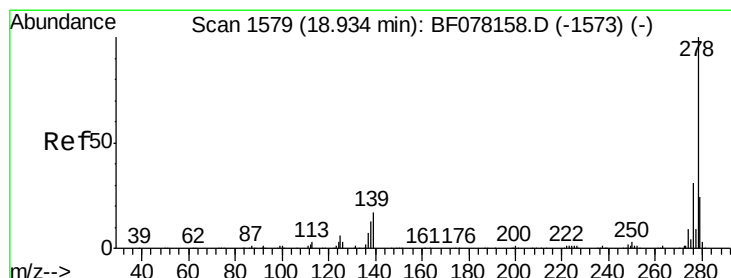
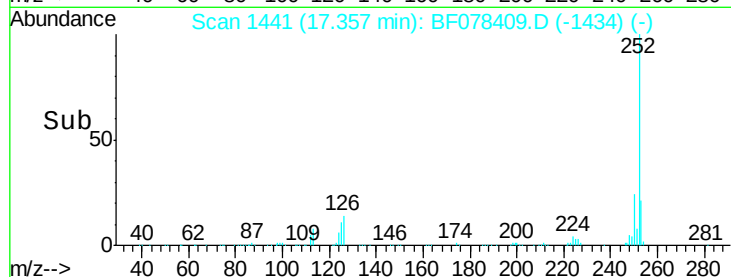
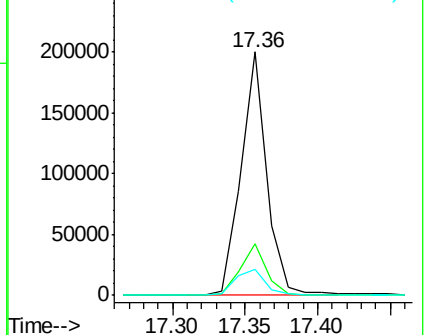
125 10.9 7.4 11.0



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: 29.56 ng

RT: 18.71 min Scan# 1559

Delta R.T. -0.05 min

Lab File: BF078409.D

Acq: 10 Apr 2015 19:54

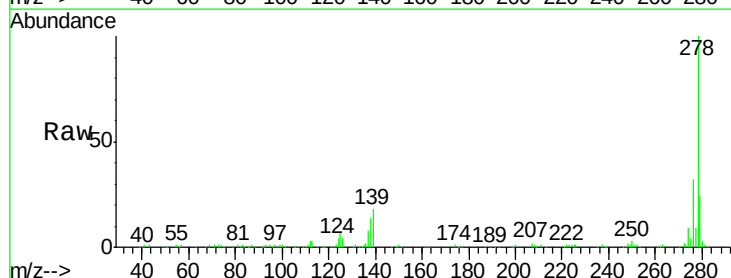
Tgt Ion:278 Resp: 234993

Ion Ratio Lower Upper

278 100

139 18.0 13.6 20.4

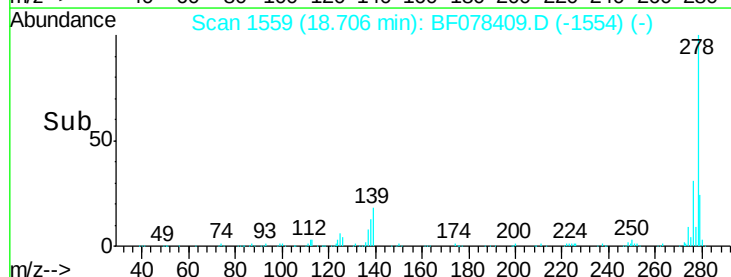
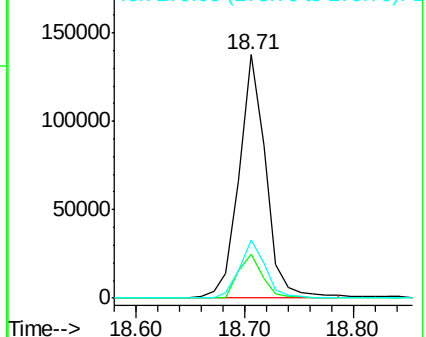
279 23.6 19.0 28.6

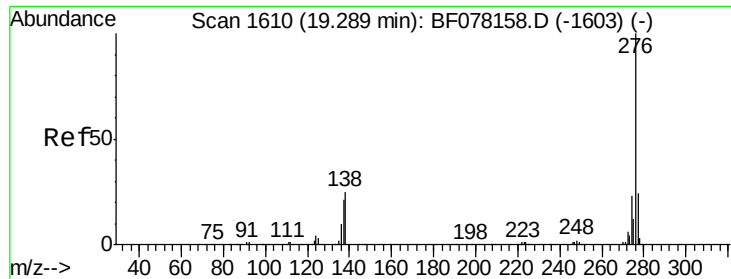


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.20 ng

RT: 19.04 min Scan# 1588

Delta R.T. -0.05 min

Lab File: BF078409.D

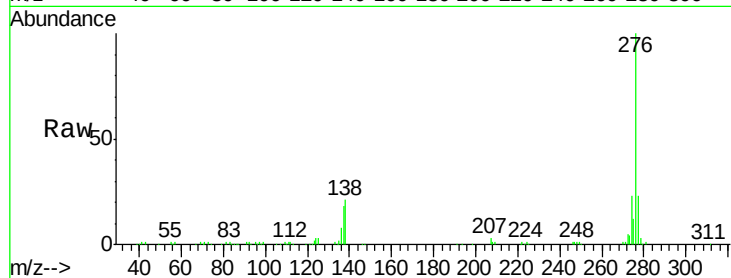
Acq: 10 Apr 2015 19:54

Instrument :

BNA_F

ClientSampleId :

LS-SD08CMS



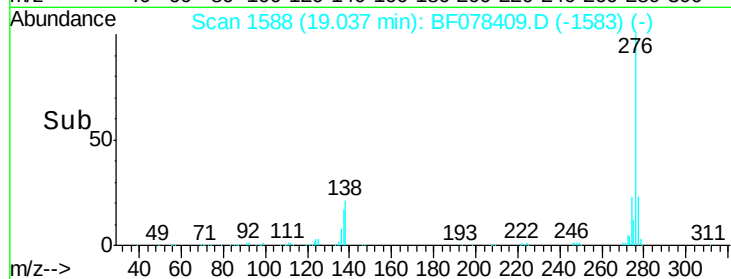
Tgt Ion: 276 Resp: 232689

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 21.0 19.9 29.9



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

