

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078234.D
 Acq On : 3 Apr 2015 9:21
 Operator : TP/IZ
 Sample : G1731-04MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Quant Time: Apr 03 11:57:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	55819	20.00	ng	0.01
21) Naphthalene-d8	8.60	136	225434	20.00	ng	0.01
38) Acenaphthene-d10	10.76	164	114821	20.00	ng	0.00
63) Phenanthrene-d10	12.60	188	223559	20.00	ng	0.01
75) Chrysene-d12	15.87	240	231766	20.00	ng	0.00
86) Perylene-d12	17.60	264	231297	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	284393	84.00	ng	0.02
7) Phenol-d6	6.64	99	374888	88.36	ng	0.03
23) Nitrobenzene-d5	7.72	82	219915	59.13	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	87729	92.12	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	412399	51.34	ng	0.01
78) Terphenyl-d14	14.59	244	461157	44.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	28143	18.38	ng	96
3) Pyridine	2.51	79	94173	23.48	ng	# 87
4) n-Nitrosodimethylamine	2.44	42	42294	27.40	ng	87
6) Aniline	6.61	93	99663	16.56	ng	# 88
8) 2-Chlorophenol	6.76	128	111334	27.81	ng	96
10) Phenol	6.65	94	140628	27.66	ng	91
11) bis(2-Chloroethyl)ether	6.72	93	97253	26.60	ng	95
12) 1,3-Dichlorobenzene	6.94	146	106639	24.25	ng	# 91
13) 1,4-Dichlorobenzene	7.04	146	108173	24.44	ng	99
14) 1,2-Dichlorobenzene	7.22	146	103568	24.96	ng	99
15) Benzyl Alcohol	7.22	79	88430	29.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.39	45	132940	27.26	ng	# 1
17) 2-Methylphenol	7.39	107	88013	28.32	ng	# 93
18) Hexachloroethane	7.64	117	34770	23.29	ng	94
19) n-Nitroso-di-n-propylamine	7.55	70	76324	27.26	ng	# 89
20) 3+4-Methylphenols	7.58	107	117705	28.39	ng	99
22) Acetophenone	7.54	105	152205	28.98	ng	# 96
24) Nitrobenzene	7.74	77	115666	29.75	ng	89
25) Isophorone	8.04	82	196185	27.79	ng	# 93
26) 2-Nitrophenol	8.13	139	48294	26.07	ng	# 85
27) 2,4-Dimethylphenol	8.22	122	91350	26.51	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	126992	28.06	ng	99
29) 2,4-Dichlorophenol	8.45	162	96127	30.67	ng	96
30) 1,2,4-Trichlorobenzene	8.53	180	95127	26.47	ng	99
31) Naphthalene	8.62	128	318554	27.15	ng	100
32) Benzoic acid	8.34	122	18495	15.83	ng	88
33) 4-Chloroaniline	8.72	127	94953	19.50	ng	97
34) Hexachlorobutadiene	8.78	225	51002	25.85	ng	98
35) Caprolactam	9.14	113	28158	30.10	ng	95
36) 4-Chloro-3-methylphenol	9.34	107	94386	29.84	ng	91
37) 2-Methylnaphthalene	9.48	142	219899	27.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	92721	26.06	ng	98
40) Hexachlorocyclopentadiene	9.68	237	46624	34.66	ng	97
42) 2,4,6-Trichlorophenol	9.85	196	65771	29.31	ng	98

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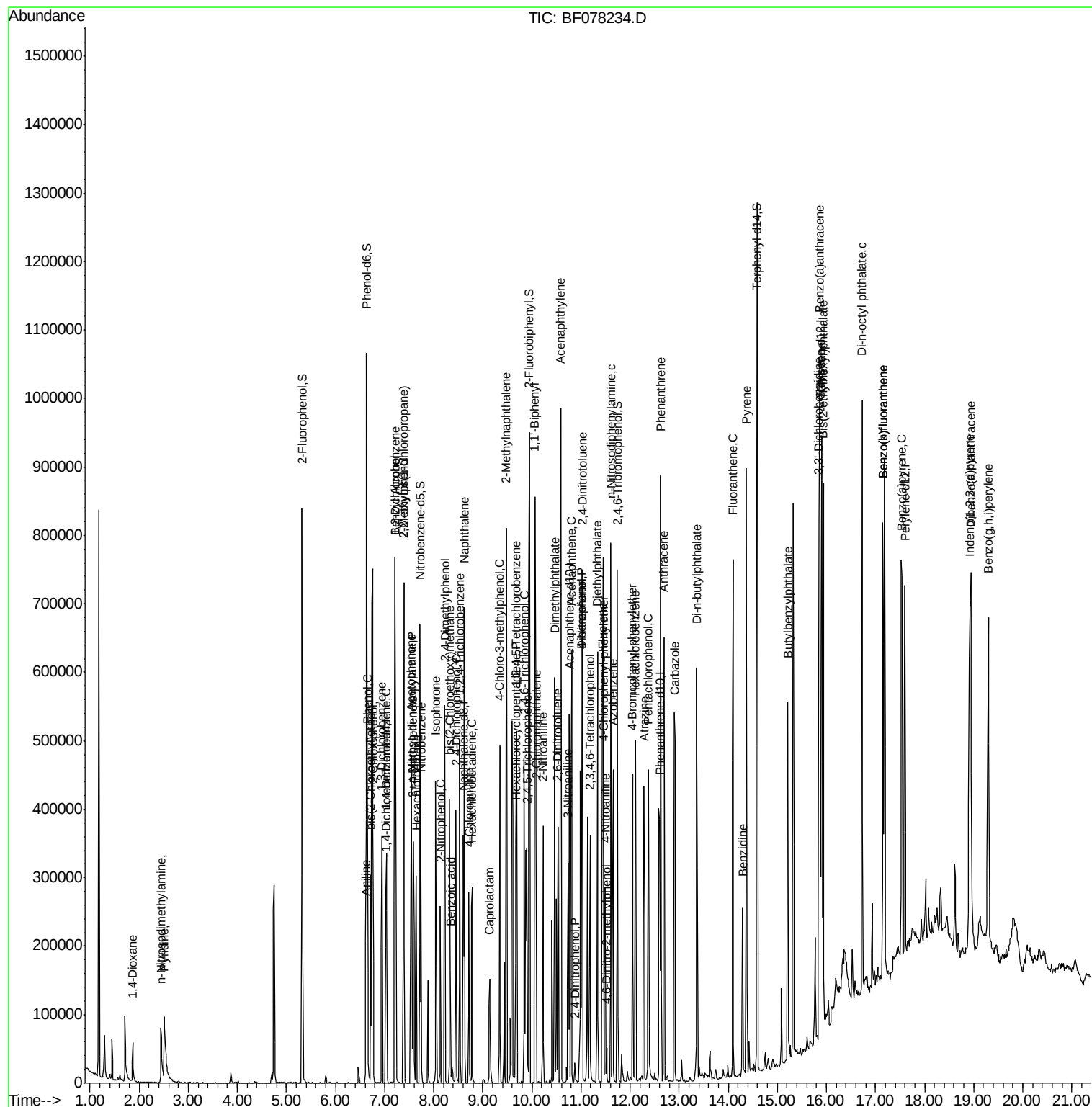
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.90	196	69135	29.49	nq	# 85
45) 1,1'-Biphenyl	10.06	154	257292	27.39	nq	99
46) 2-Chloronaphthalene	10.09	162	198161	26.82	nq	94
47) 2-Nitroaniline	10.22	65	58839	32.18	nq	# 83
48) Acenaphthylene	10.59	152	324949	27.23	nq	99
49) Dimethylphthalate	10.46	163	285136	33.05	nq	# 97
50) 2,6-Dinitrotoluene	10.53	165	52814	29.76	nq	# 77
51) Acenaphthene	10.81	154	184513	27.46	nq	99
52) 3-Nitroaniline	10.74	138	55638	27.57	nq	94
53) 2,4-Dinitrophenol	10.88	184	6053	19.00	nq	# 90
54) Dibenzofuran	11.01	168	278109	27.10	nq	95
55) 4-Nitrophenol	11.01	139	182022	121.03	nq	# 26
56) 2,4-Dinitrotoluene	11.02	165	66970	29.13	nq	# 75
57) Fluorene	11.44	166	227838	27.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.18	232	53887	31.01	nq	99
59) Diethylphthalate	11.33	149	230573	27.72	nq	99
60) 4-Chlorophenyl-phenylether	11.46	204	105360	27.54	nq	92
61) 4-Nitroaniline	11.49	138	56419	27.66	nq	96
62) Azobenzene	11.65	77	235354	31.00	nq	86
64) 4,6-Dinitro-2-methylphenol	11.53	198	7839	14.37	nq	# 67
65) n-Nitrosodiphenylamine	11.61	169	198486	25.67	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	61960	26.17	nq	90
67) Hexachlorobenzene	12.11	284	67738	26.11	nq	93
68) Atrazine	12.28	200	62492	27.90	nq	96
69) Pentachlorophenol	12.37	266	57985	53.27	nq	98
70) Phenanthrene	12.62	178	347307	26.86	nq	100
71) Anthracene	12.69	178	344530	27.04	nq	99
72) Carbazole	12.91	167	331329	27.74	nq	98
73) Di-n-butylphthalate	13.36	149	382661	28.29	nq	99
74) Fluoranthene	14.10	202	391946	28.74	nq	92
76) Benzidine	14.29	184	146539	16.42	nq	97
77) Pyrene	14.37	202	393769	27.06	nq	99
79) Butylbenzylphthalate	15.22	149	183715	33.13	nq	# 79
80) Benzo(a)anthracene	15.86	228	366930	26.61	nq	99
81) 3,3'-Dichlorobenzidine	15.85	252	119023	25.77	nq	# 98
82) Chrysene	15.91	228	349965	27.01	nq	99
83) Bis(2-ethylhexyl)phthalate	15.94	149	276261	31.76	nq	98
84) Di-n-octyl phthalate	16.73	149	487945	34.17	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.92	276	412153	28.03	nq	# 85
87) Benzo(b)fluoranthene	17.15	252	400075	27.99	nq	# 96
88) Benzo(k)fluoranthene	17.15	252	400055	31.49	nq	99
89) Benzo(a)pyrene	17.54	252	353568	28.34	nq	99
90) Dibenzo(a,h)anthracene	18.95	278	338891	27.13	nq	98
91) Benzo(g,h,i)perylene	19.30	276	341620	27.28	nq	99

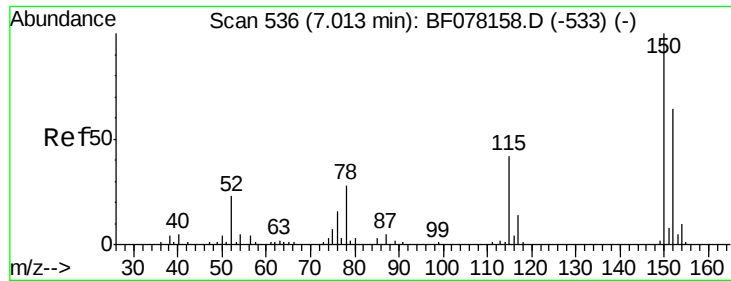
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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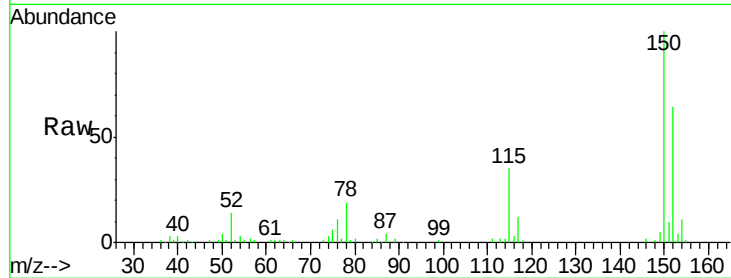


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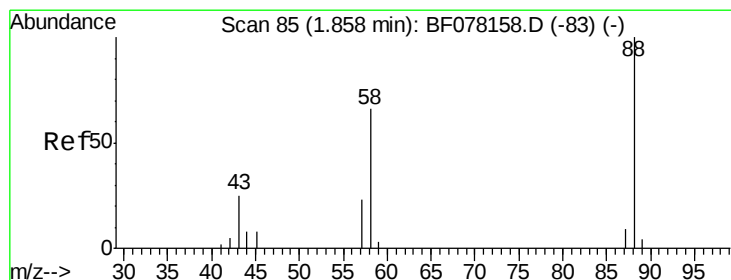
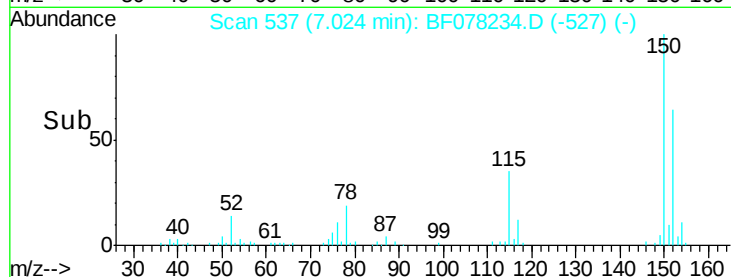
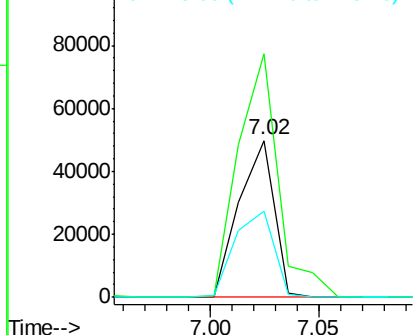
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:152 Resp: 55819
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 54.7 52.7 79.1



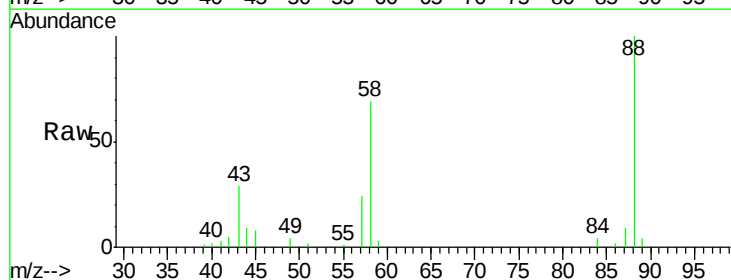
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



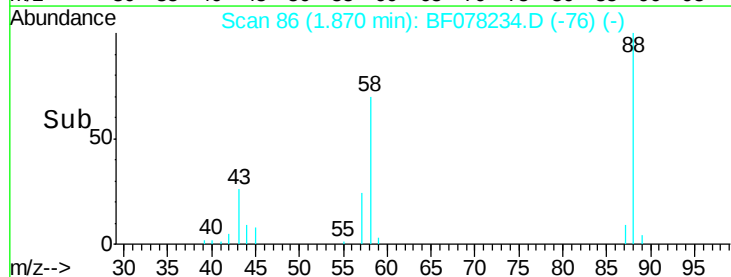
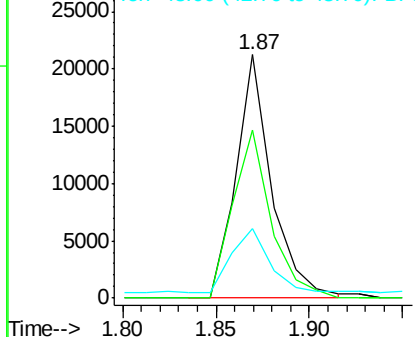
#2

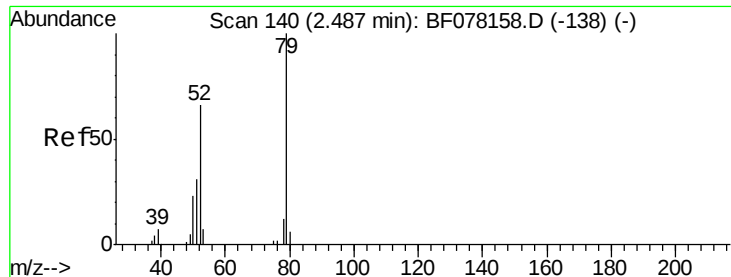
1,4-Dioxane
Concen: 18.38 ng
RT: 1.87 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion: 88 Resp: 28143
Ion Ratio Lower Upper
88 100
58 74.3 56.9 85.3
43 29.2 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

Pvridine

Concen: 23.48 ng

RT: 2.51 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

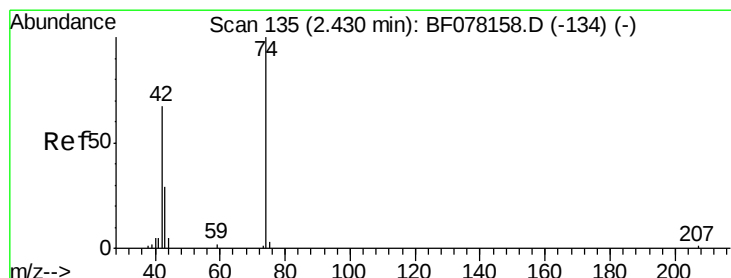
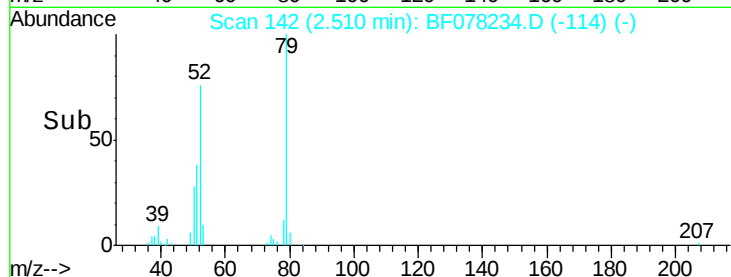
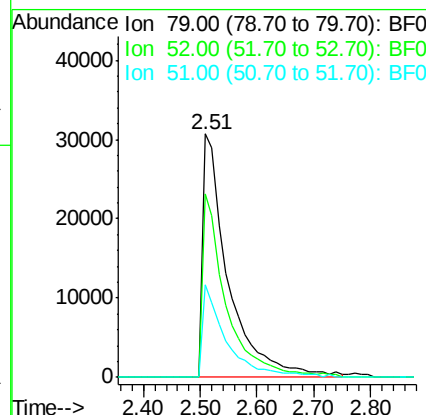
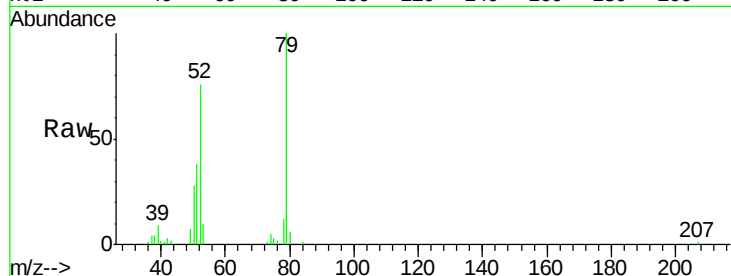
Tot Ion: 79 Resp: 94173

Ion Ratio Lower Upper

79 100

52 75.6 52.4 78.6

51 37.9 24.9 37.3#



#4

n-Nitrosodimethylamine

Concen: 27.40 ng

RT: 2.44 min Scan# 136

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

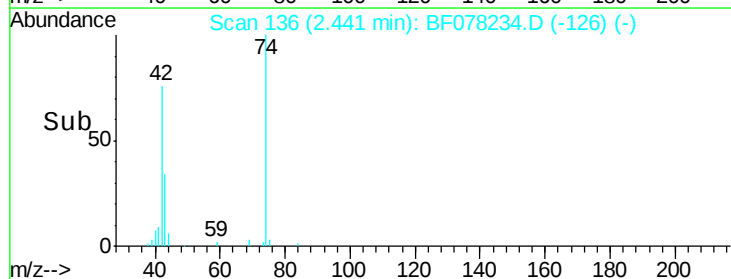
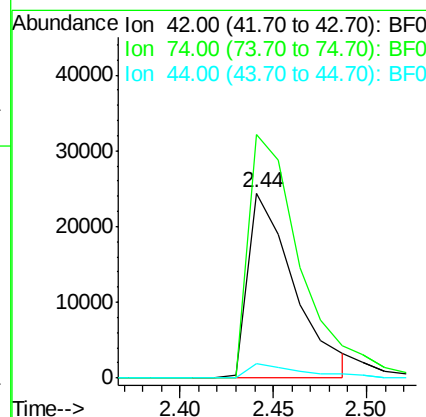
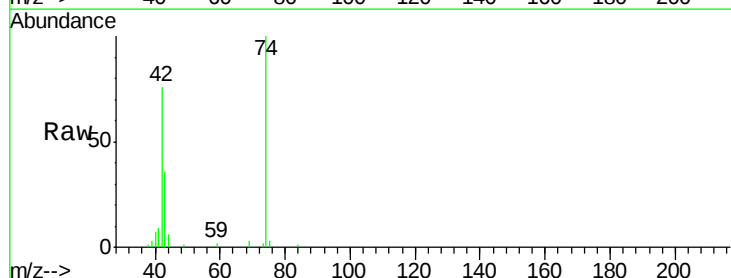
Tgt Ion: 42 Resp: 42294

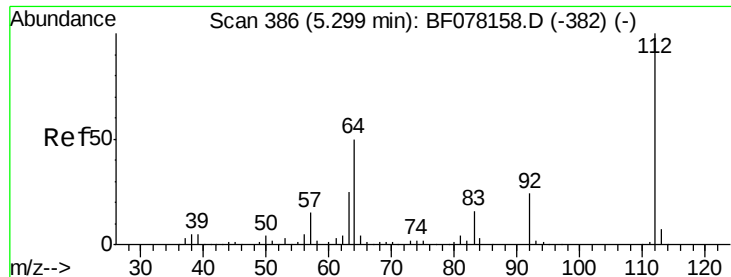
Ion Ratio Lower Upper

42 100

74 131.5 118.7 178.1

44 7.8 5.9 8.9





#5

2-Fluorophenol

Concen: 84.00 ng

RT: 5.32 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

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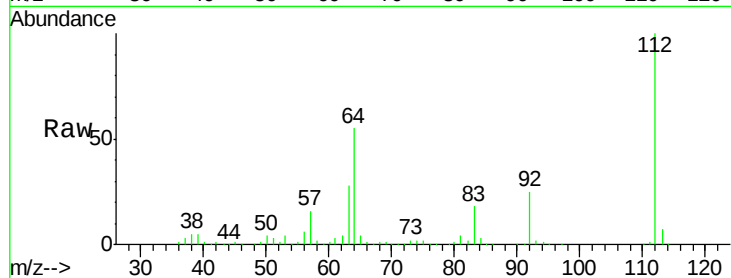
Tot Ion:112 Resp: 284393

Ion Ratio Lower Upper

112 100

64 55.1 39.9 59.9

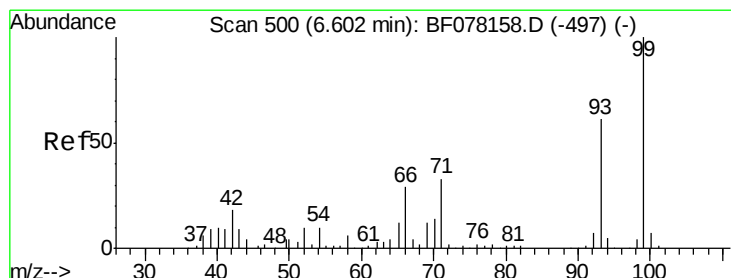
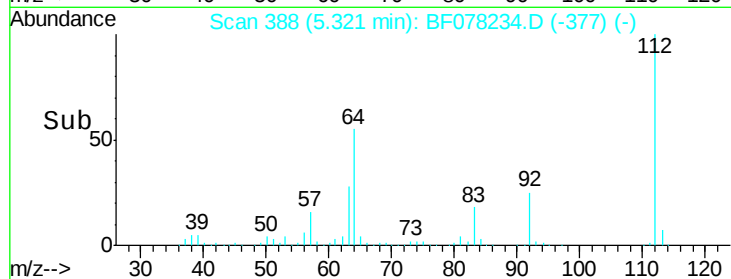
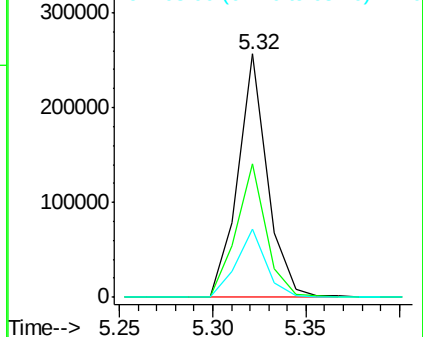
63 28.1 20.2 30.4



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: 16.56 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

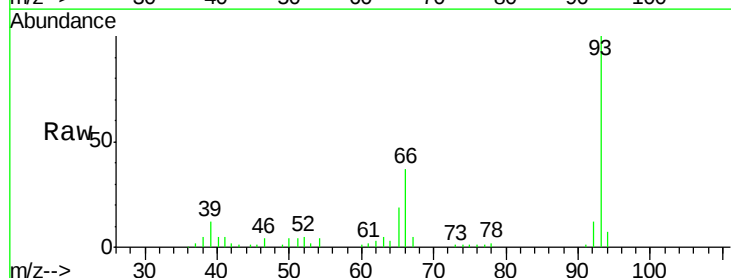
Tgt Ion: 93 Resp: 99663

Ion Ratio Lower Upper

93 100

66 36.9 38.0 57.0#

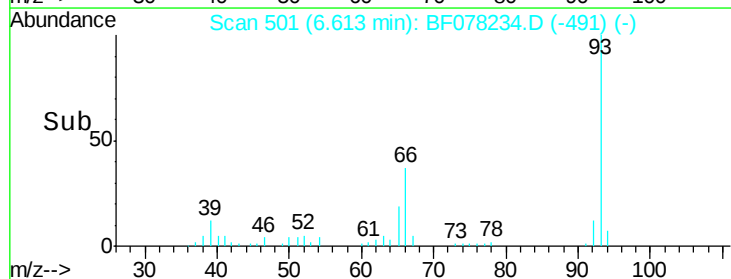
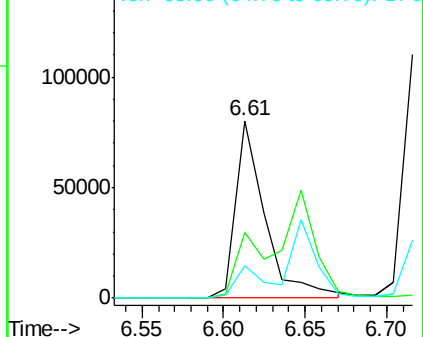
65 18.6 16.3 24.5

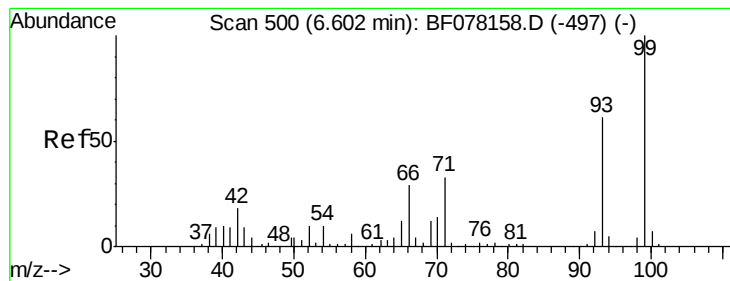


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.36 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

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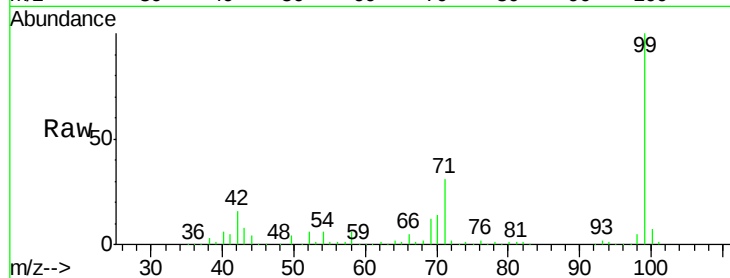
Tot Ion: 99 Resp: 374888

Ion Ratio Lower Upper

99 100

42 15.9 14.8 22.2

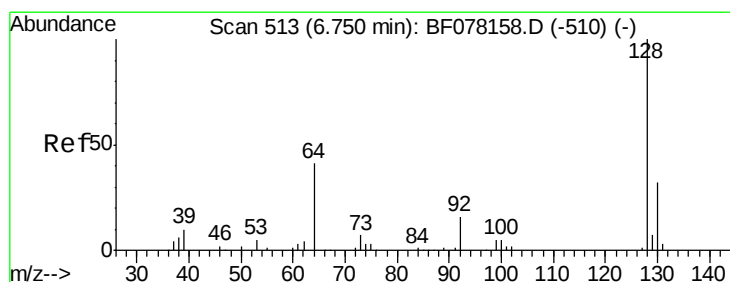
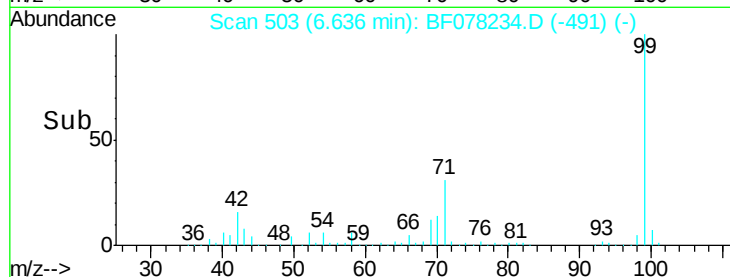
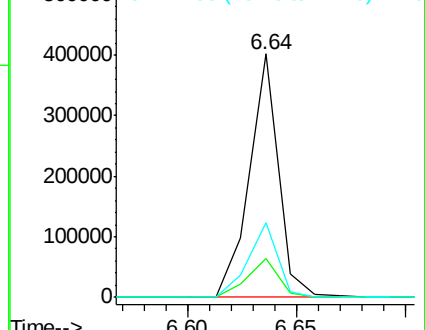
71 30.7 26.6 39.8



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: 27.81 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

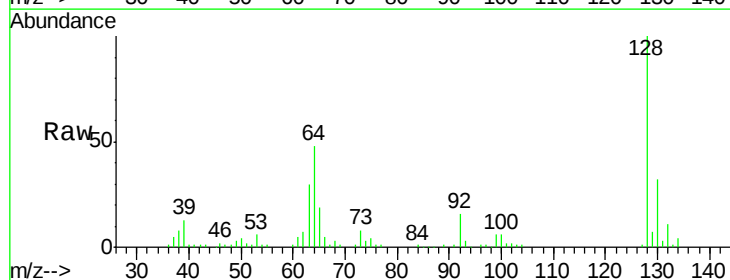
Tgt Ion:128 Resp: 111334

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

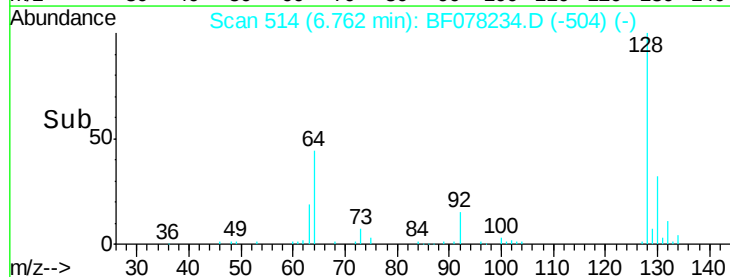
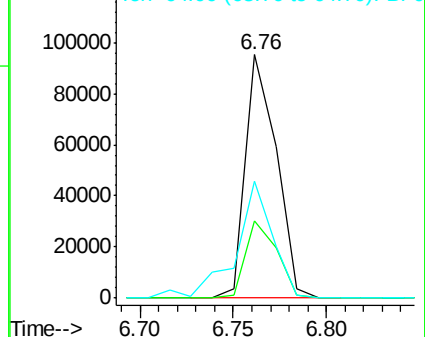
64 47.9 23.8 63.8

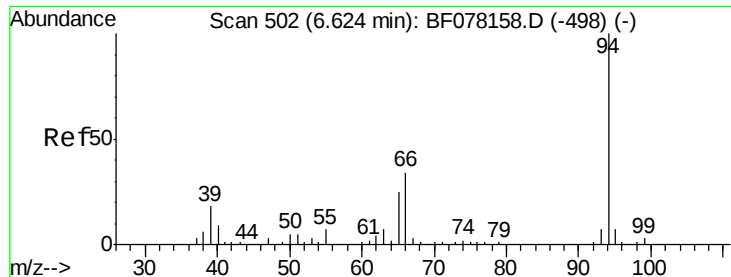


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 27.66 ng

RT: 6.65 min Scan# 504

Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

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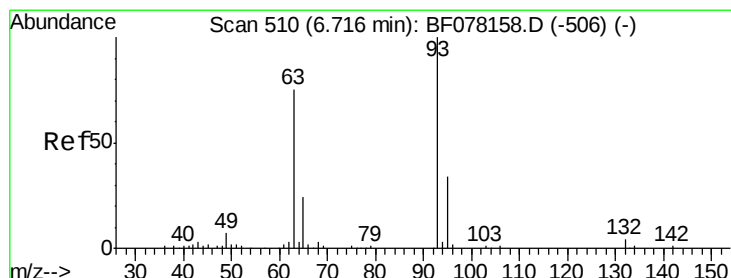
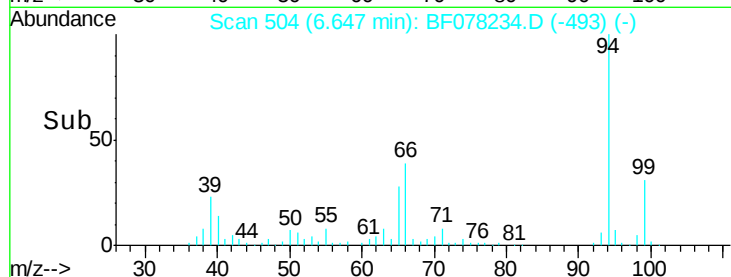
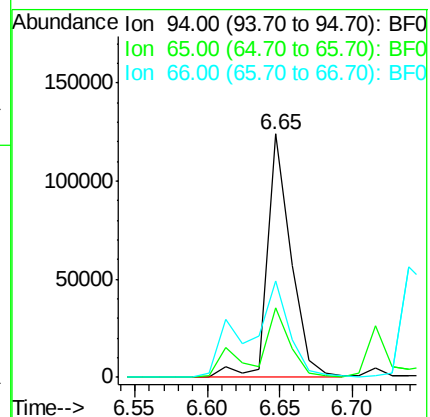
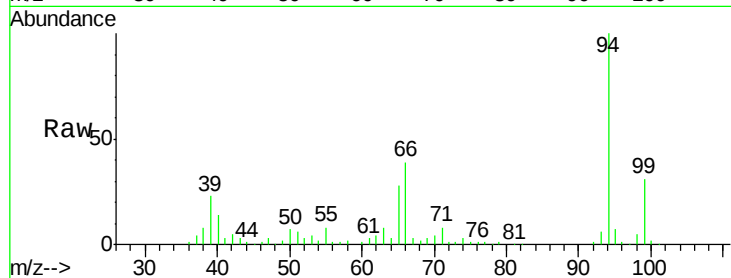
Tot Ion: 94 Resp: 140628

Ion Ratio Lower Upper

94 100

65 28.5 4.9 44.9

66 39.5 13.8 53.8



#11

bis(2-Chloroethyl)ether

Concen: 26.60 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

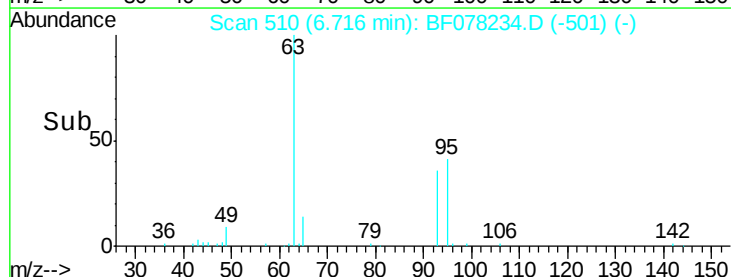
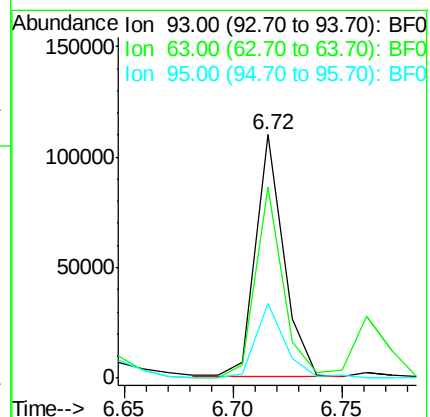
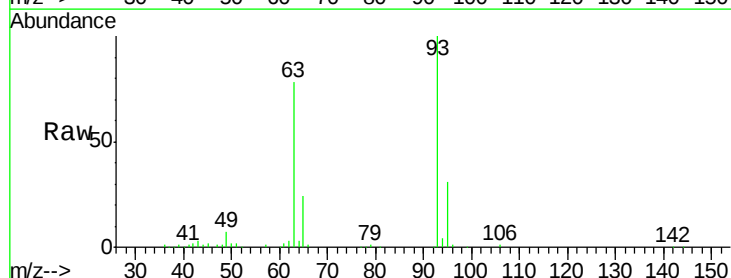
Tgt Ion: 93 Resp: 97253

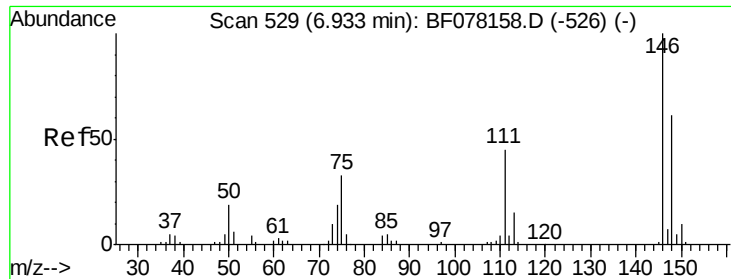
Ion Ratio Lower Upper

93 100

63 78.4 54.6 94.6

95 30.8 13.6 53.6

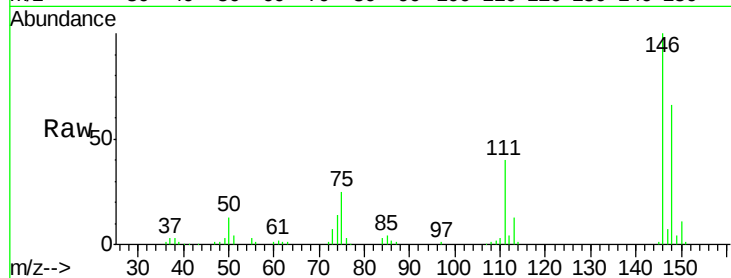




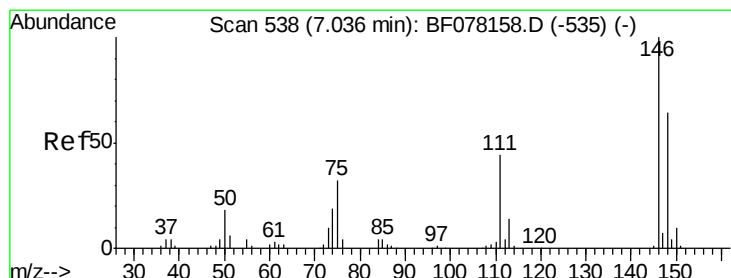
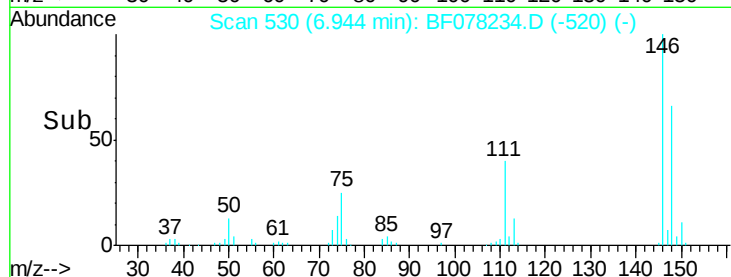
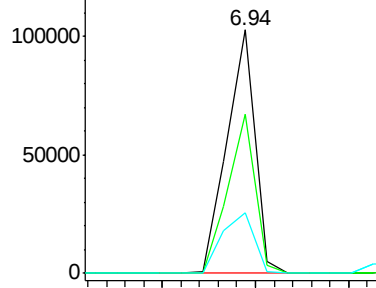
#12
 1,3-Dichlorobenzene
 Concen: 24.25 ng
 RT: 6.94 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.1	73.7
75	24.7	26.6	40.0

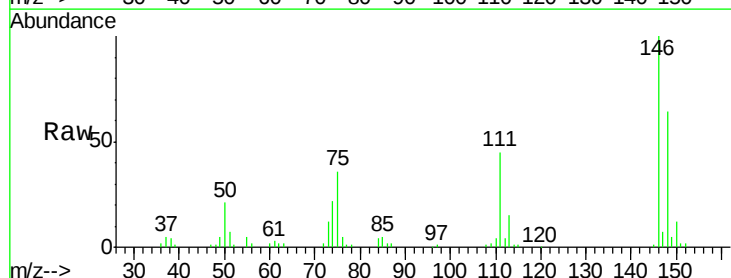


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

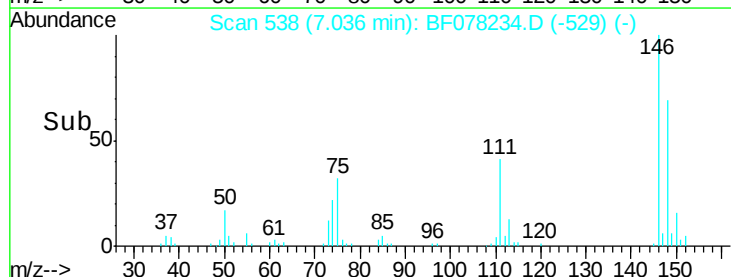
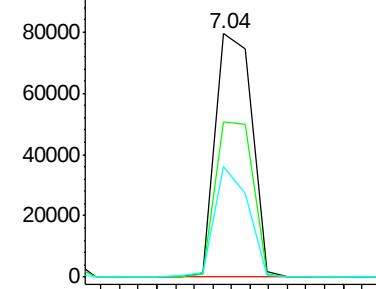


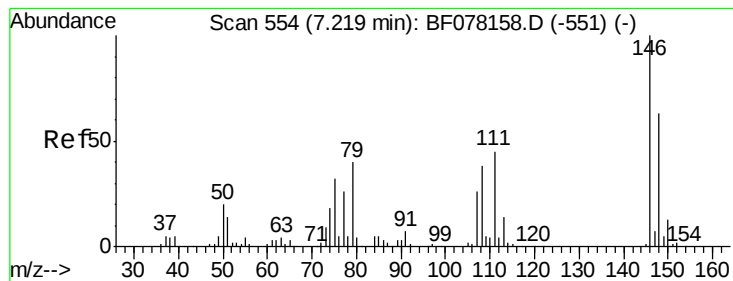
#13
 1,4-Dichlorobenzene
 Concen: 24.44 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
111	45.3	35.0	52.4



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

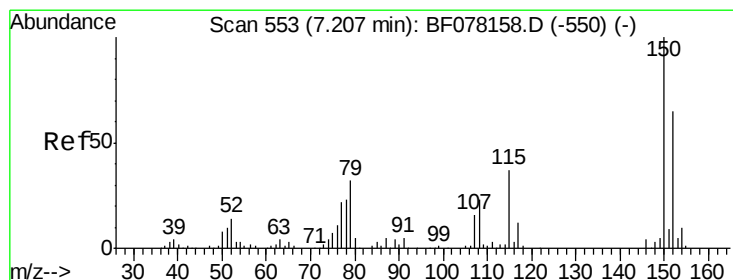
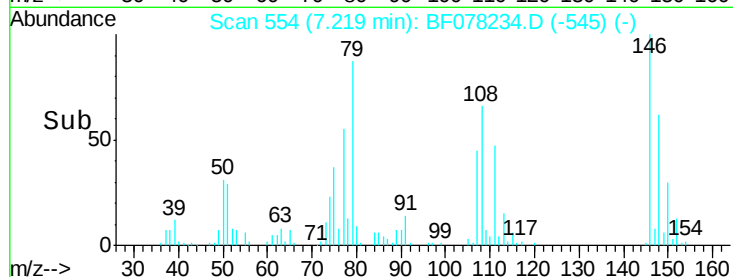
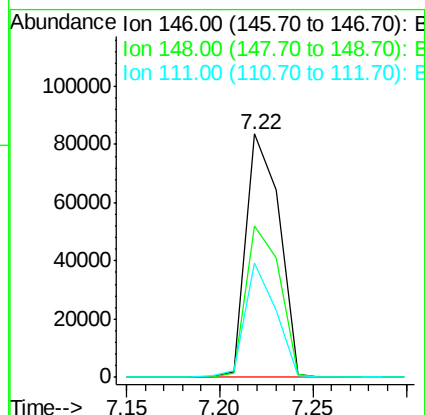
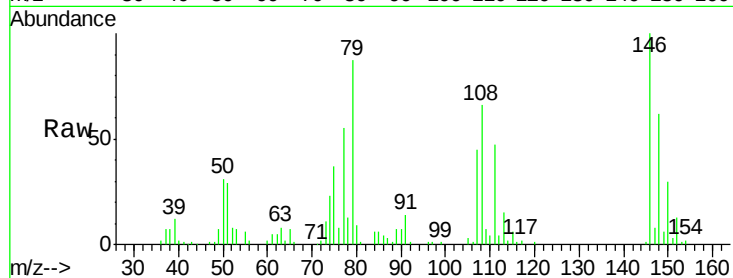




#14
 1,2-Dichlorobenzene
 Concen: 24.96 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

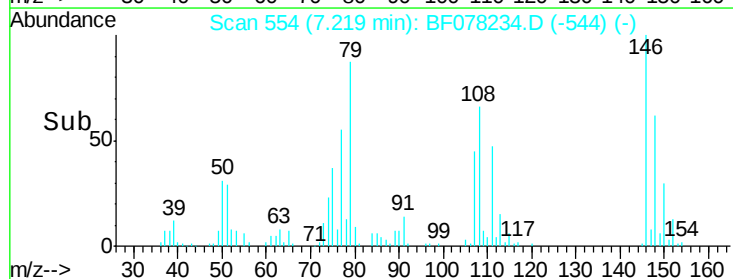
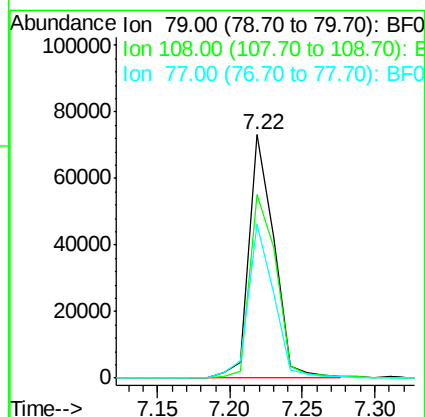
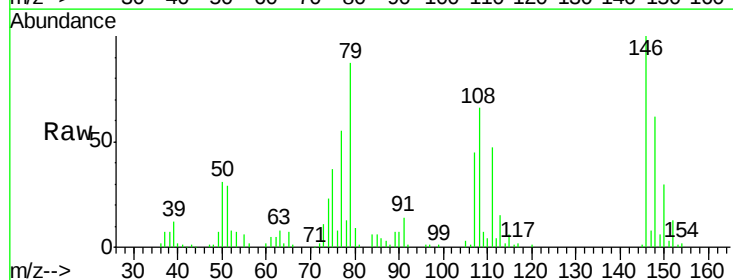
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

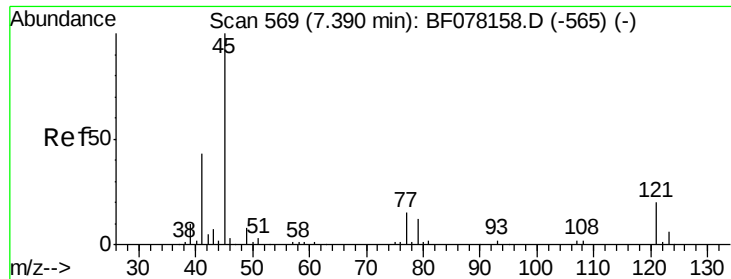
Tot Ion:146 Resp: 103568
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.2 75.4
 111 46.7 36.1 54.1



#15
 Benzyl Alcohol
 Concen: 29.66 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion: 79 Resp: 88430
 Ion Ratio Lower Upper
 79 100
 108 75.3 57.6 86.4
 77 63.1 53.5 80.3

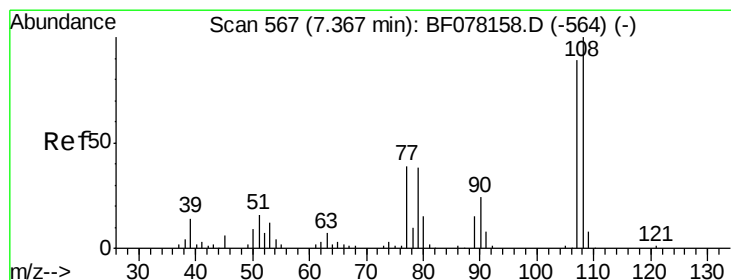
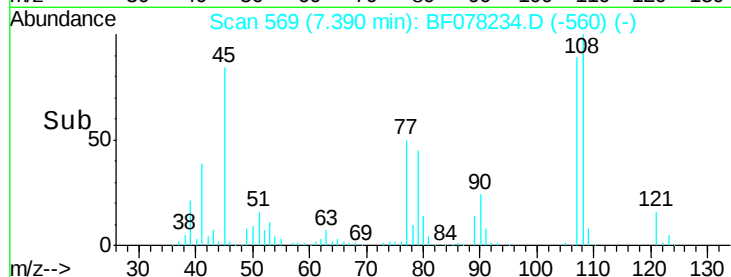
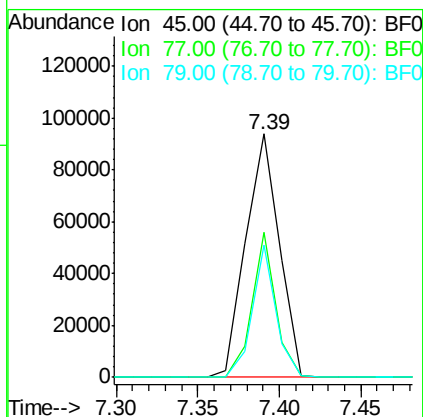
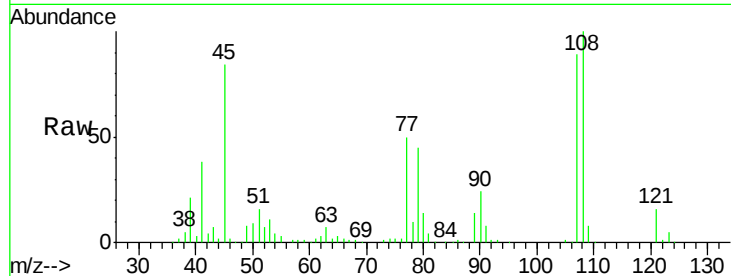




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 27.26 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

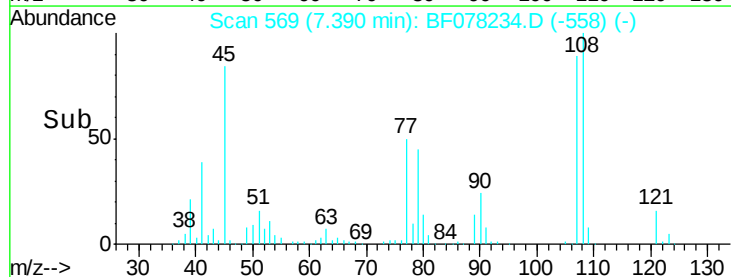
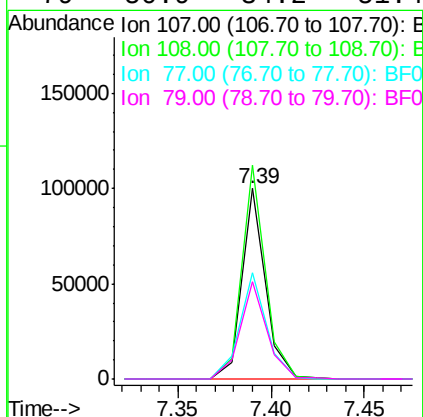
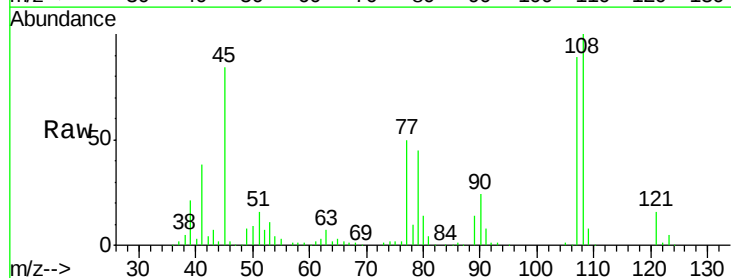
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

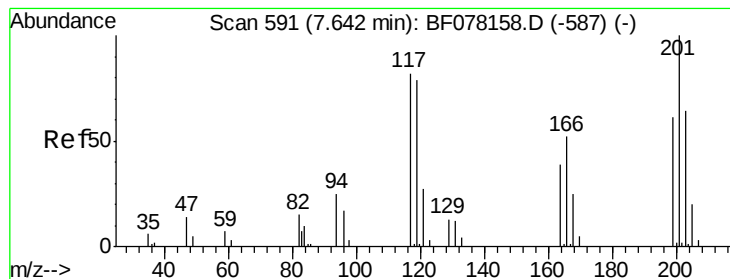
Tot Ion: 45 Resp: 132940
Ion Ratio Lower Upper
45 100
77 59.5 0.0 34.5#
79 54.2 0.0 31.9#



#17
2-Methylphenol
Concen: 28.32 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:107 Resp: 88013
Ion Ratio Lower Upper
107 100
108 112.2 90.3 135.5
77 55.9 35.5 53.3#
79 50.9 34.2 51.4





#18

Hexachloroethane

Concen: 23.29 ng

RT: 7.64 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

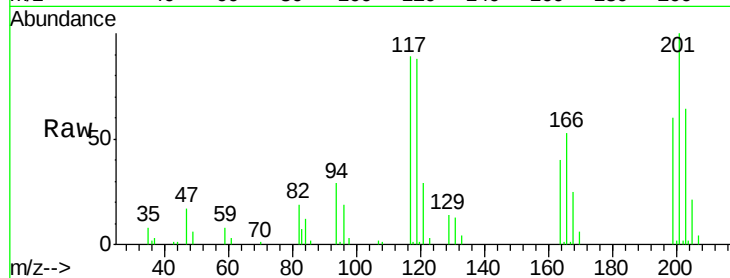
Tot Ion:117 Resp: 34770

Ion Ratio Lower Upper

117 100

119 99.3 77.0 115.6

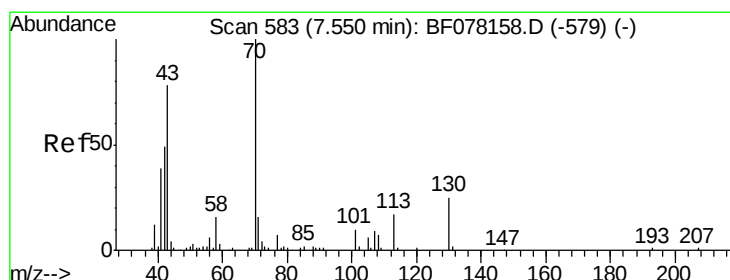
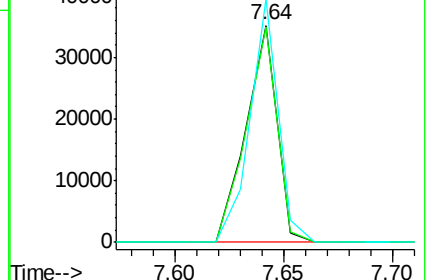
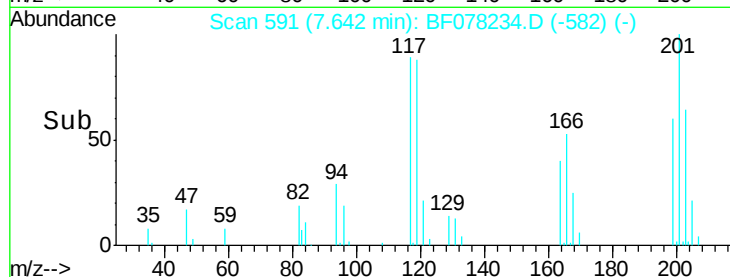
201 112.3 98.1 147.1



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: 27.26 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Tgt Ion: 70 Resp: 76324

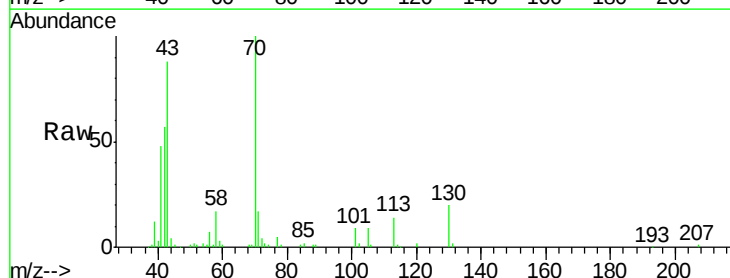
Ion Ratio Lower Upper

70 100

42 57.1 38.9 58.3

101 8.7 8.3 12.5

130 19.7 19.8 29.8#

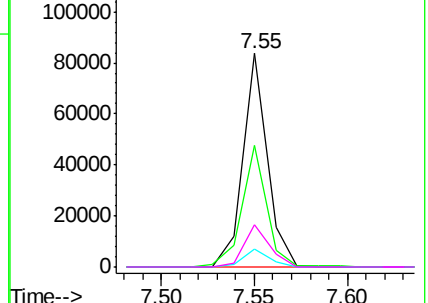
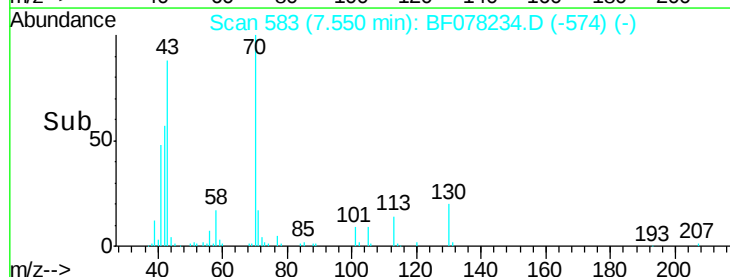


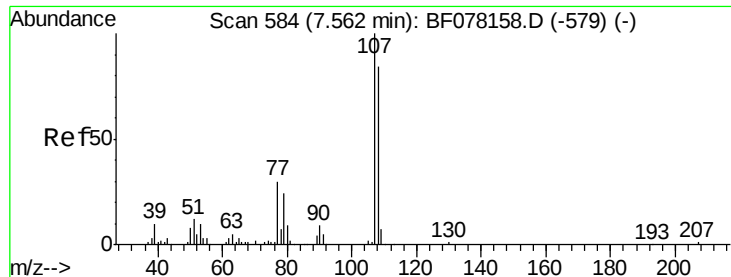
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

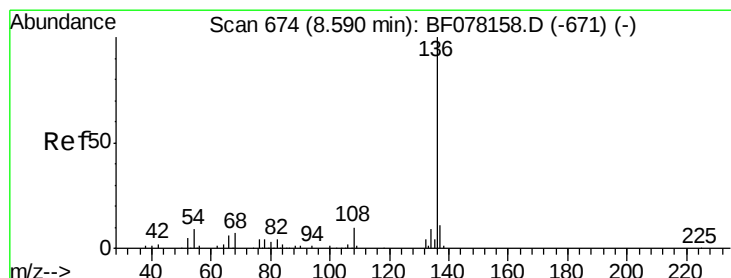
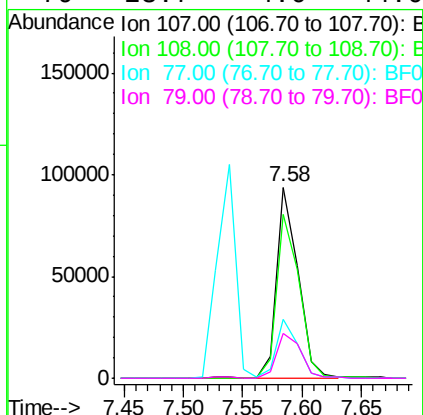
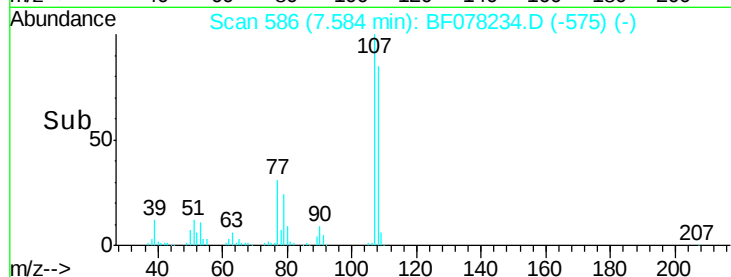
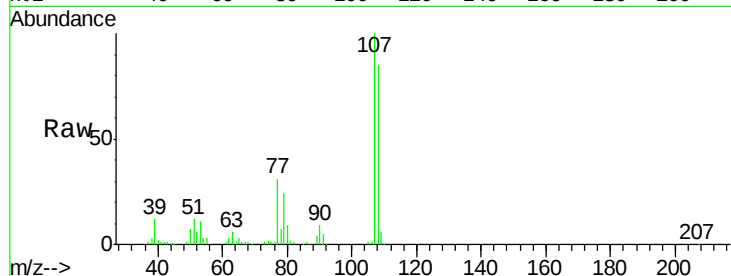




#20
3+4-Methylphenols
Concen: 28.39 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

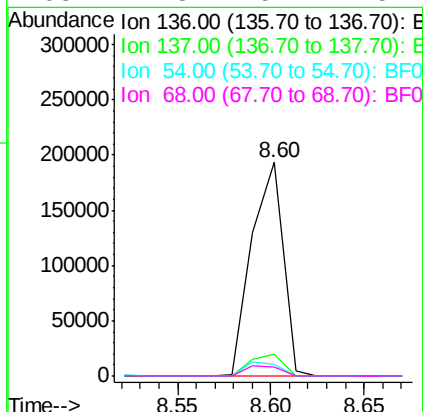
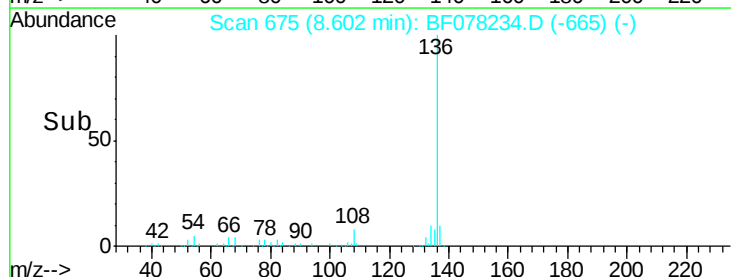
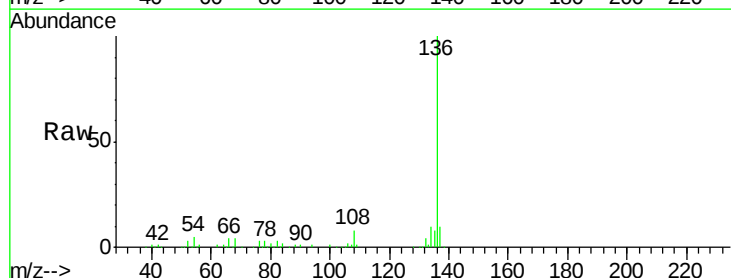
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

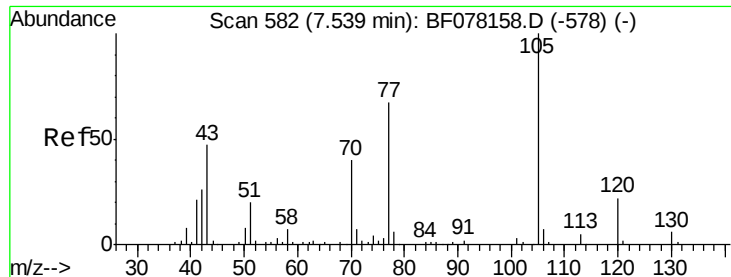
Tot Ion:107	Resp:	117705
Ion Ratio	Lower	Upper
107	100	
108	85.4	64.4 104.4
77	30.6	9.7 49.7
79	23.7	4.0 44.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:136	Resp:	225434
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.0 13.4
54	5.3	7.0 10.6#
68	4.3	5.4 8.2#

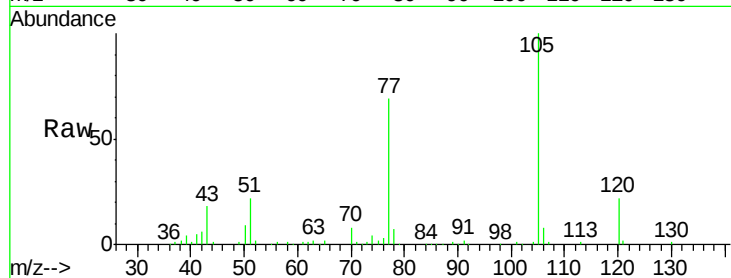




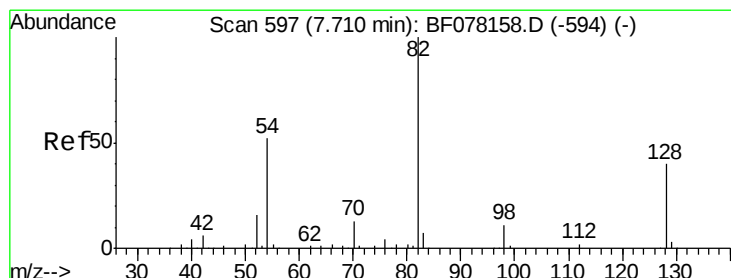
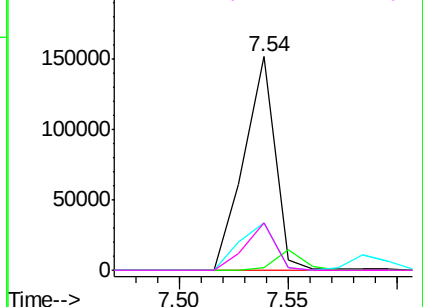
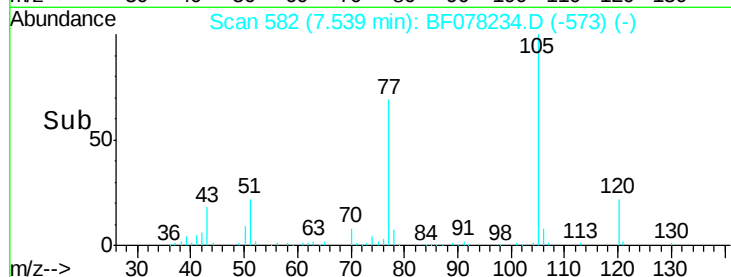
#22
Acetophenone
Concen: 28.98 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:105 Resp: 152205
Ion Ratio Lower Upper
105 100
71 1.2 5.5 8.3#
51 22.0 16.0 24.0
120 22.0 17.8 26.6

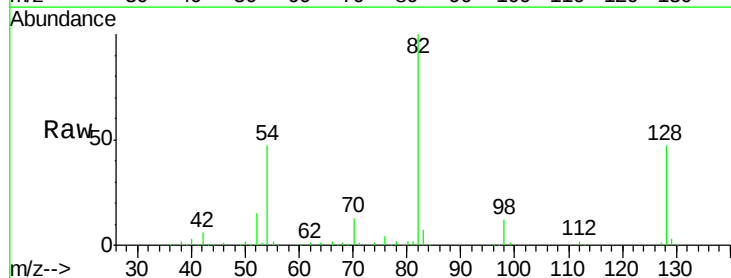


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

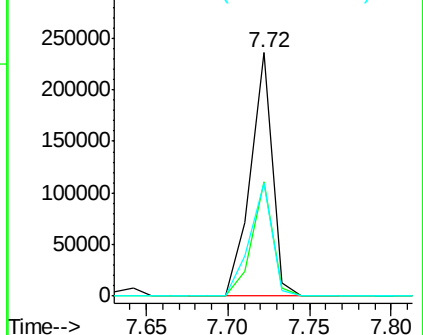
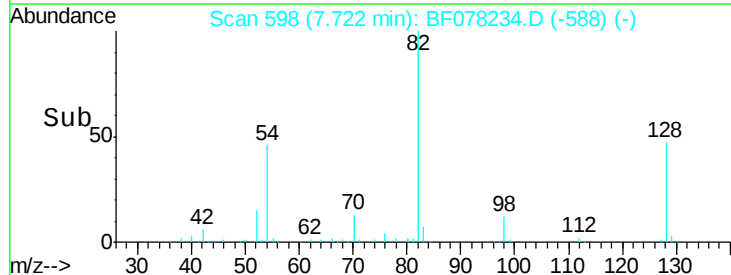


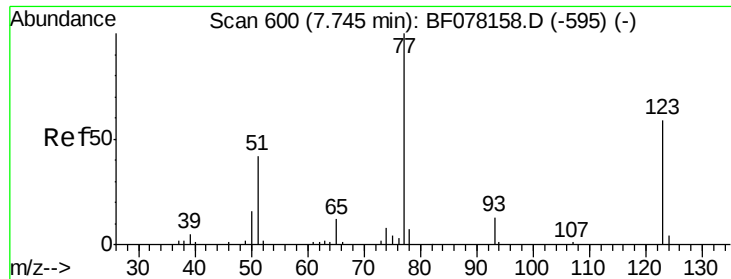
#23
Nitrobenzene-d5
Concen: 59.13 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion: 82 Resp: 219915
Ion Ratio Lower Upper
82 100
128 47.2 31.8 47.8
54 46.6 41.5 62.3



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





#24

Nitrobenzene

Concen: 29.75 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

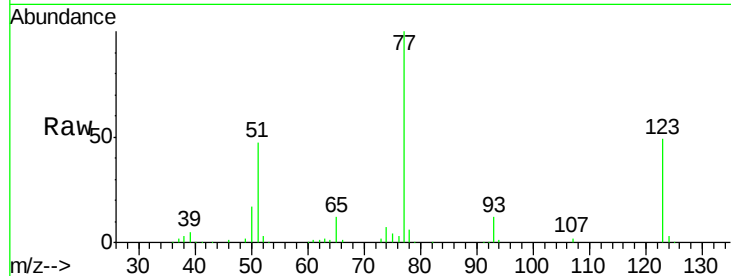
Tot Ion: 77 Resp: 115666

Ion Ratio Lower Upper

77 100

123 49.1 46.9 70.3

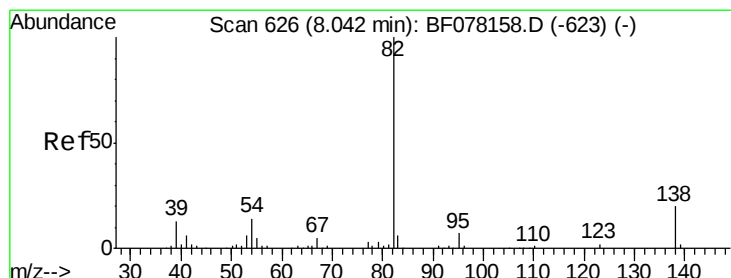
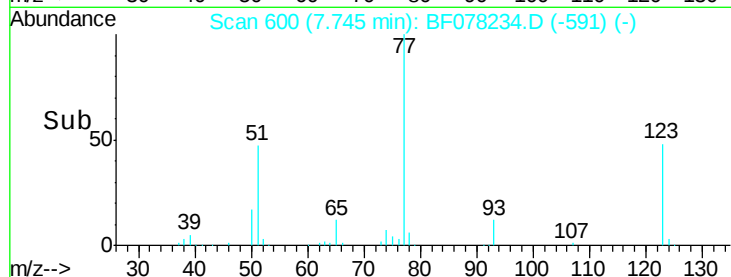
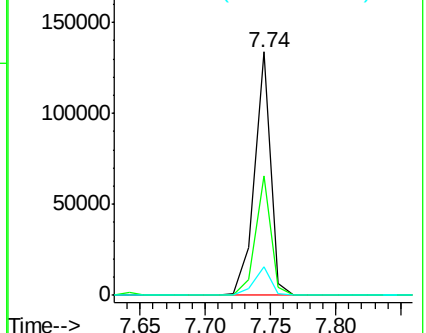
65 11.9 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 27.79 ng

RT: 8.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

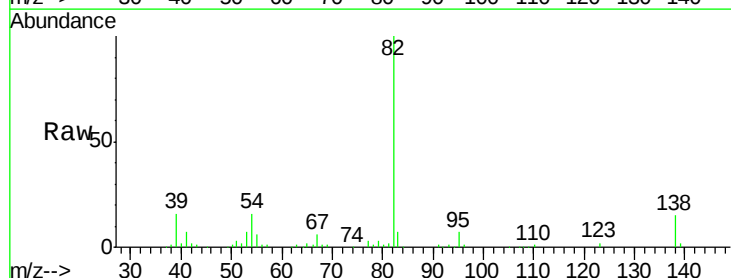
Tgt Ion: 82 Resp: 196185

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

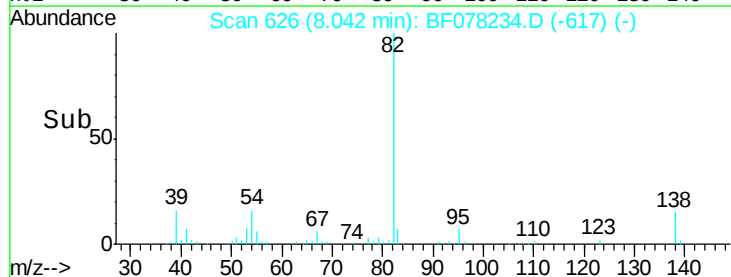
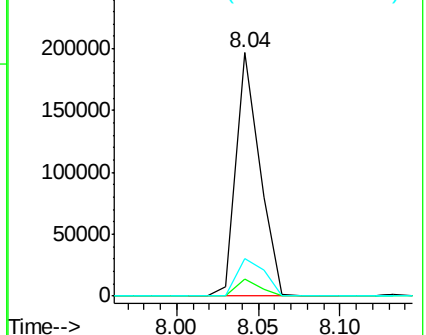
138 15.3 15.8 23.8#

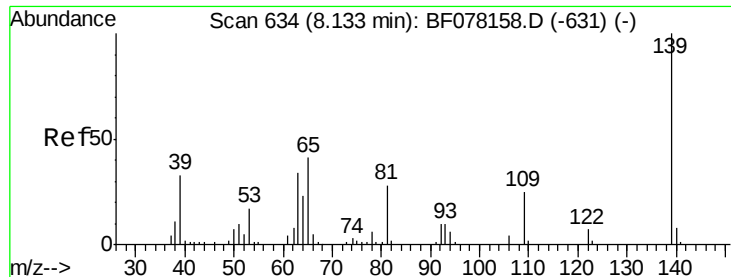


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

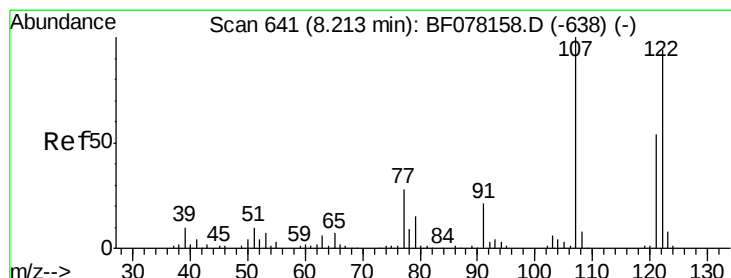
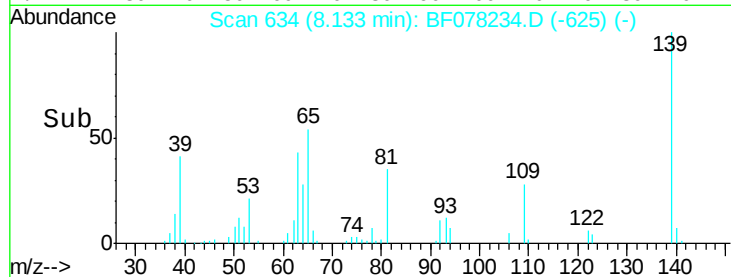
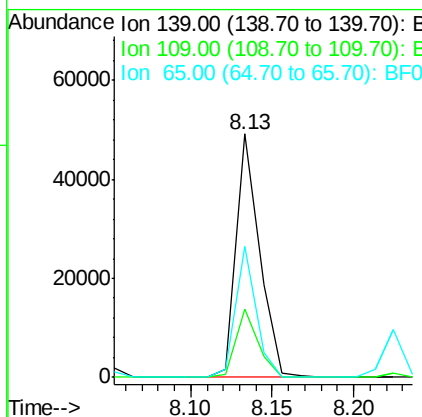
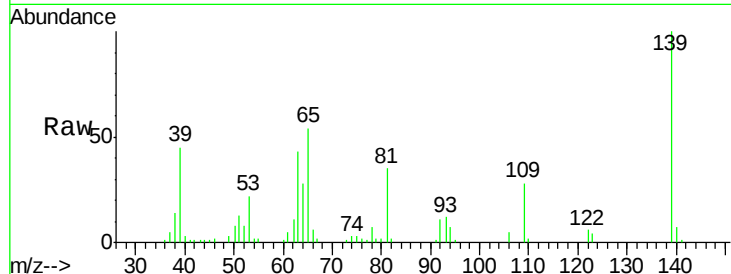




#26
2-Nitrophenol
Concen: 26.07 ng
RT: 8.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

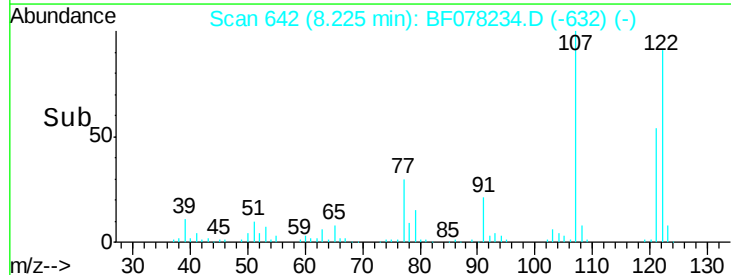
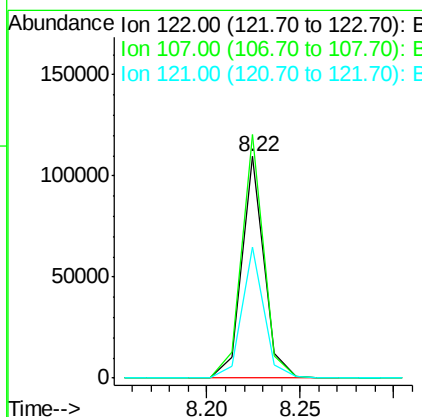
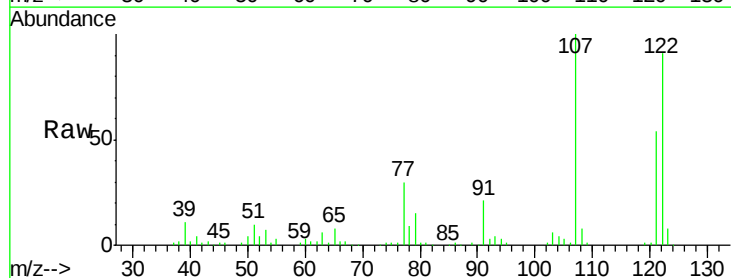
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

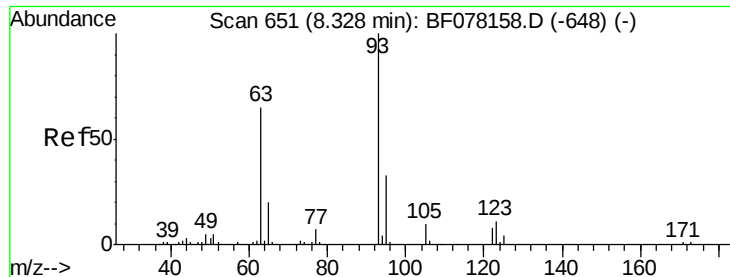
Tot Ion:139 Resp: 48294
Ion Ratio Lower Upper
139 100
109 27.9 19.8 29.8
65 53.7 32.7 49.1#



#27
2,4-Dimethylphenol
Concen: 26.51 ng
RT: 8.22 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:122 Resp: 91350
Ion Ratio Lower Upper
122 100
107 109.9 84.6 127.0
121 58.9 46.0 69.0



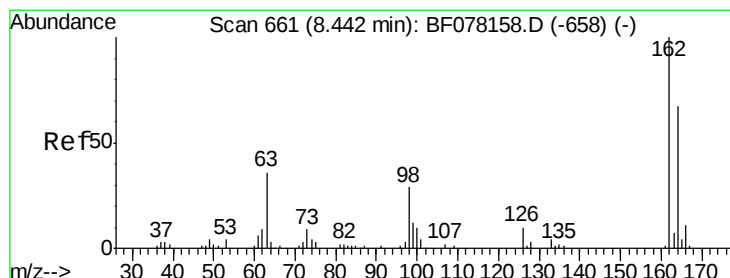
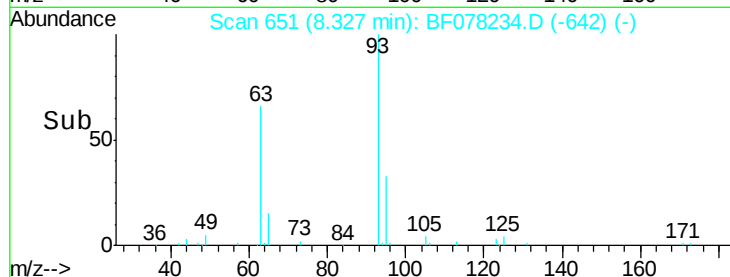
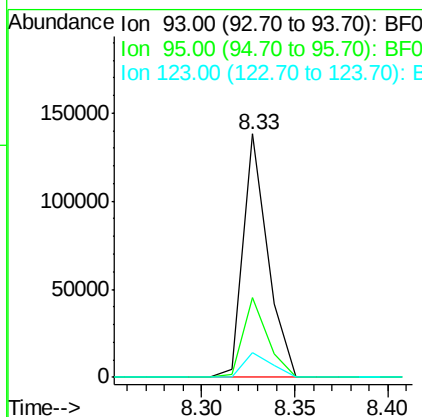
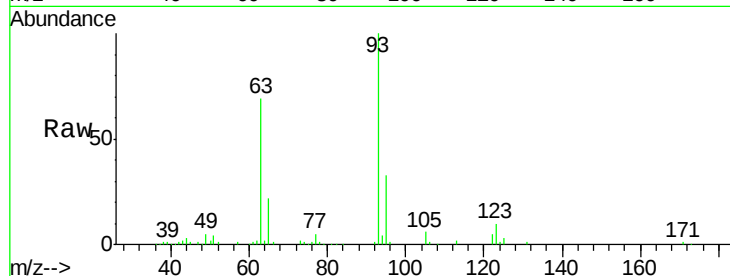


#28
bis(2-Chloroethoxy)methane
Concen: 28.06 ng
RT: 8.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion: 93 Resp: 126992

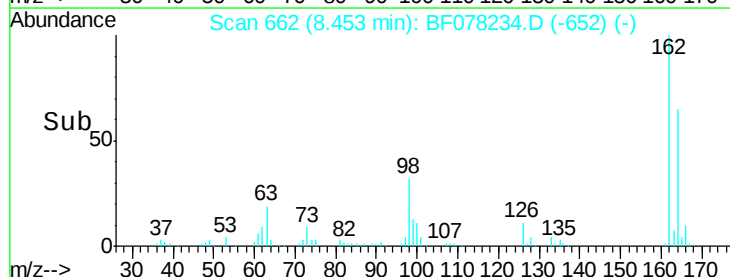
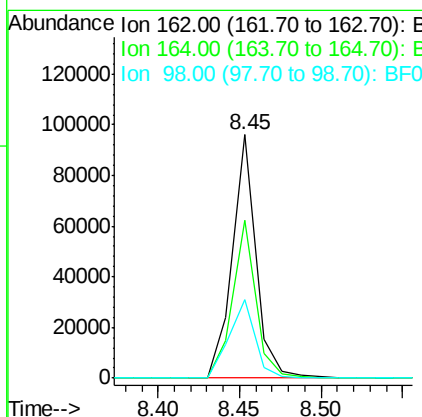
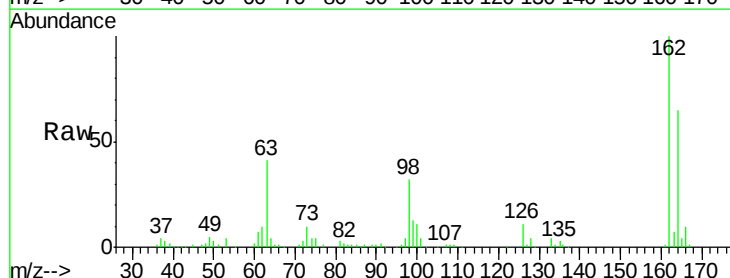
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	9.9	9.1	13.7

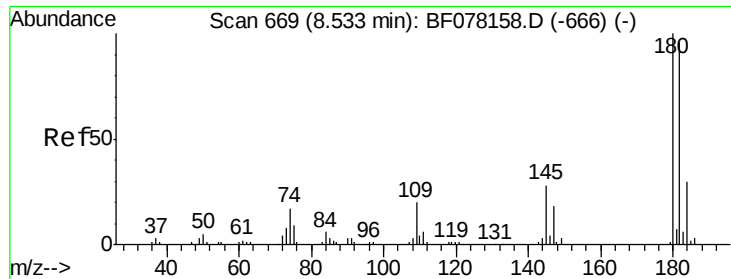


#29
2,4-Dichlorophenol
Concen: 30.67 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion: 162 Resp: 96127

Ion	Ratio	Lower	Upper
162	100		
164	64.7	47.0	87.0
98	32.2	9.2	49.2

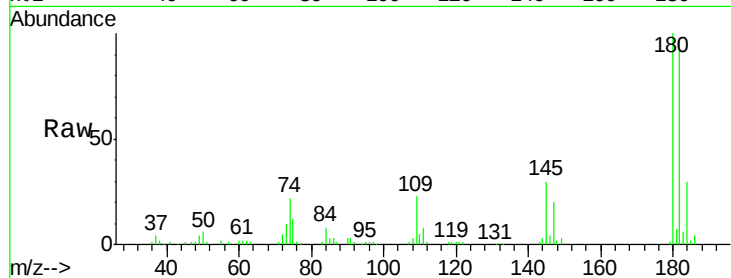




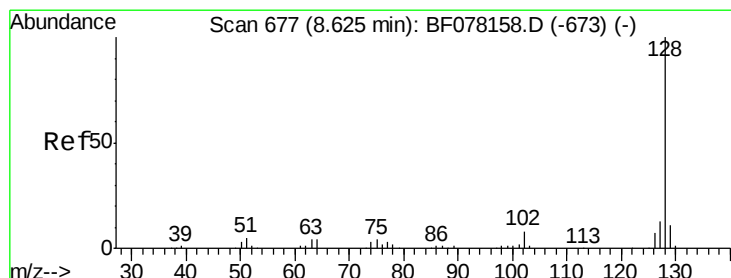
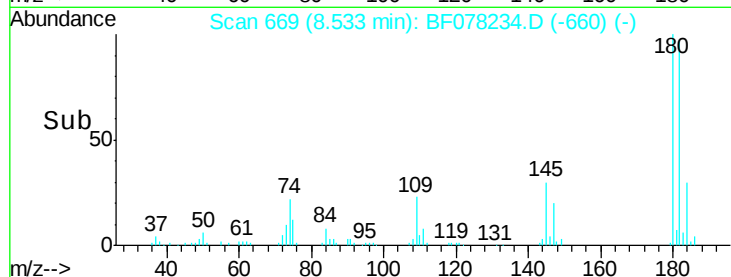
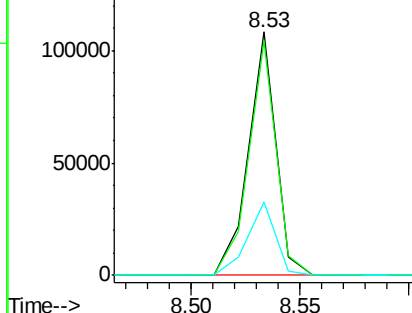
#30
 1,2,4-Trichlorobenzene
 Concen: 26.47 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:180 Resp: 95127
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.9 115.3
 145 30.3 22.5 33.7

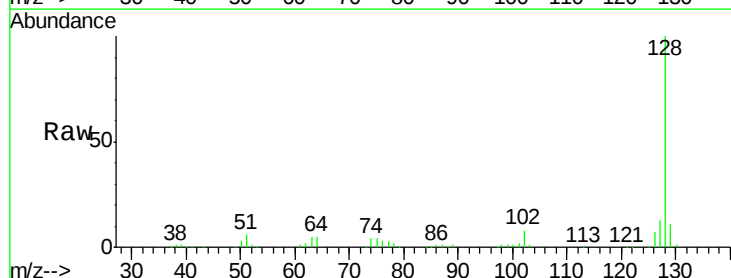


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

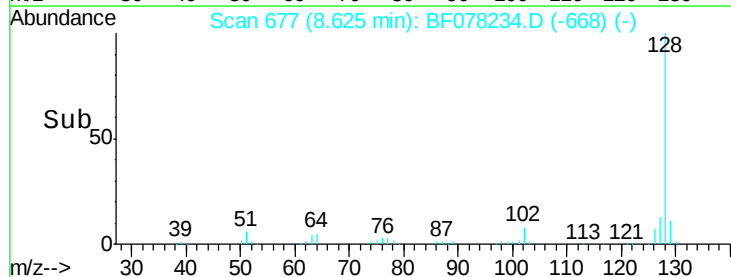
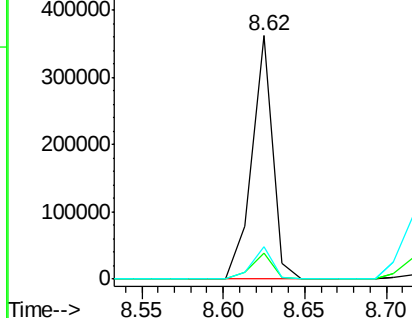


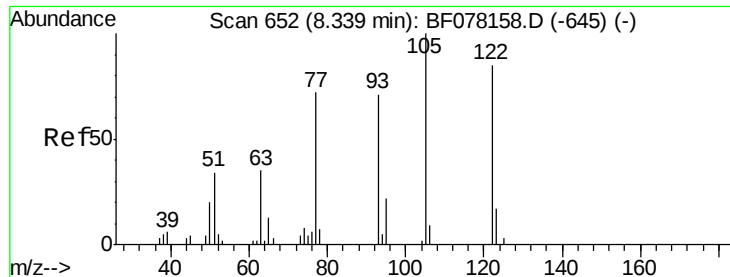
#31
 Naphthalene
 Concen: 27.15 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:128 Resp: 318554
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 12.8
 127 13.2 10.7 16.1



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

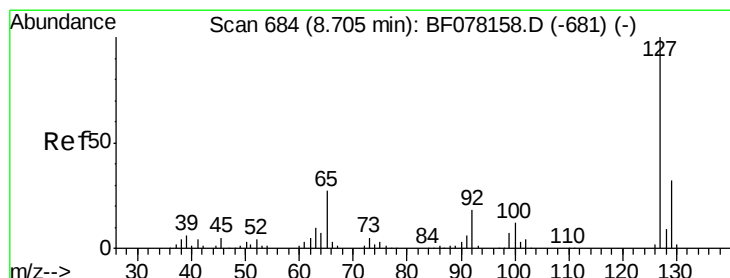
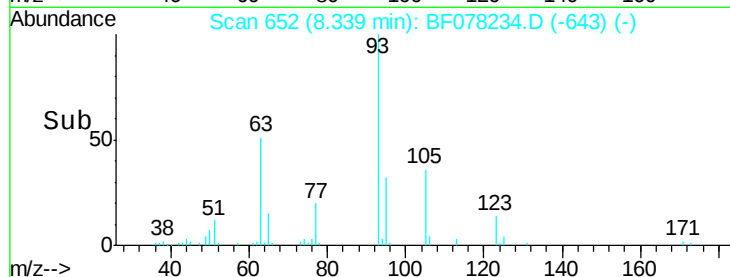
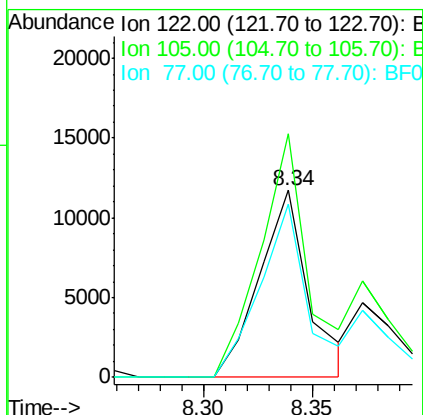
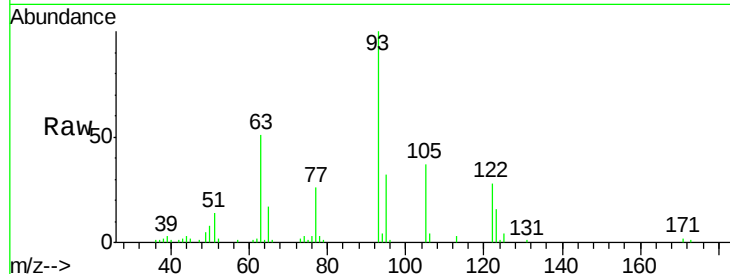




#32
Benzoic acid
Concen: 15.83 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

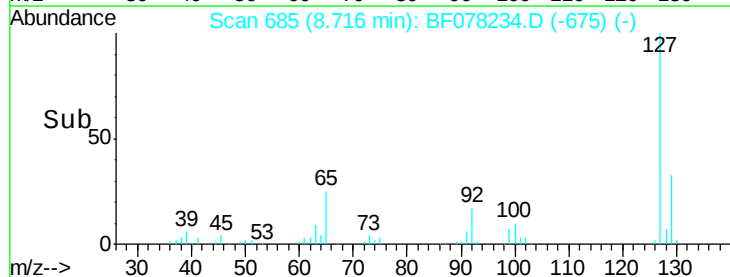
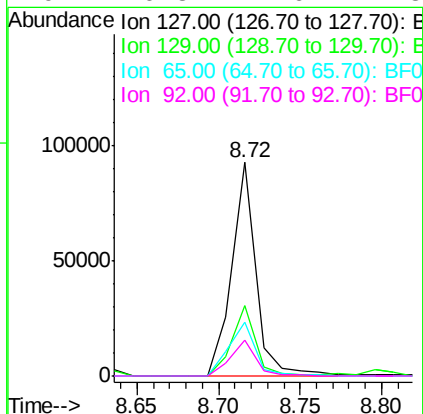
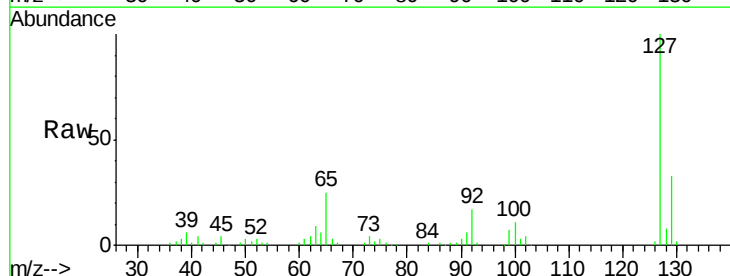
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

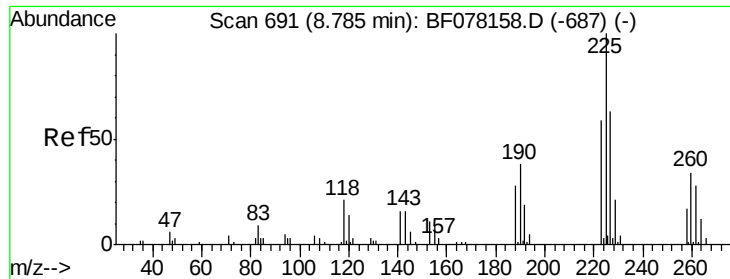
Tot Ion	Ratio	Lower	Upper
122	100		
105	130.4	96.1	136.1
77	92.6	64.1	104.1



#33
4-Chloroaniline
Concen: 19.50 ng
RT: 8.72 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.5	38.3
65	25.0	21.7	32.5
92	16.8	14.6	21.8

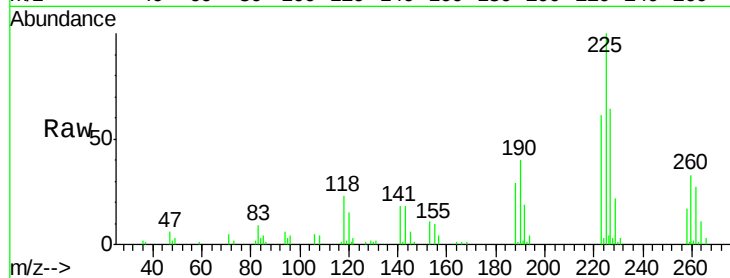




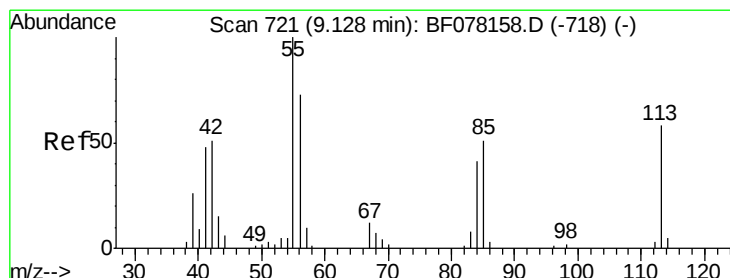
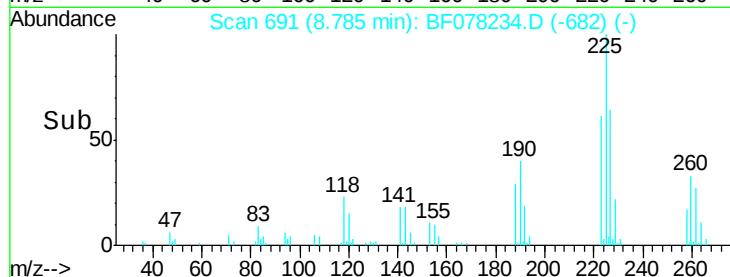
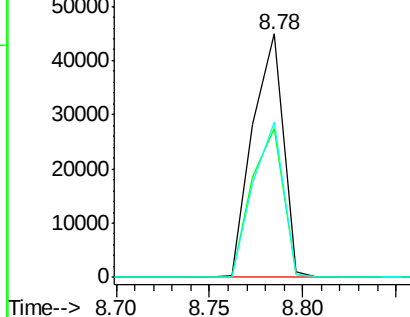
#34
Hexachlorobutadiene
Concen: 25.85 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:225 Resp: 51002
Ion Ratio Lower Upper
225 100
223 61.1 47.5 71.3
227 63.5 50.2 75.2

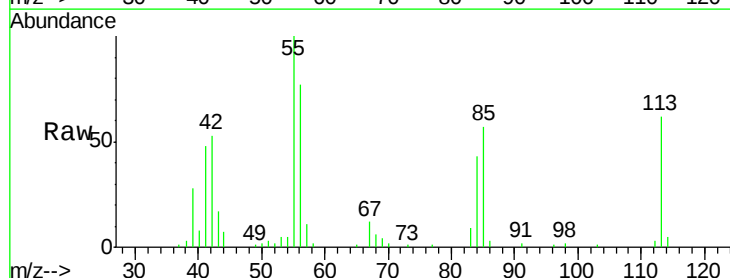


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

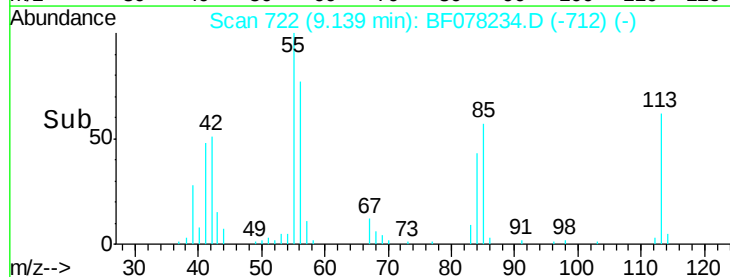
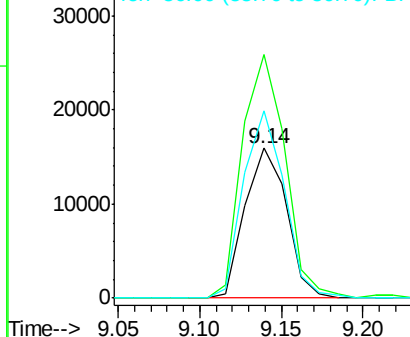


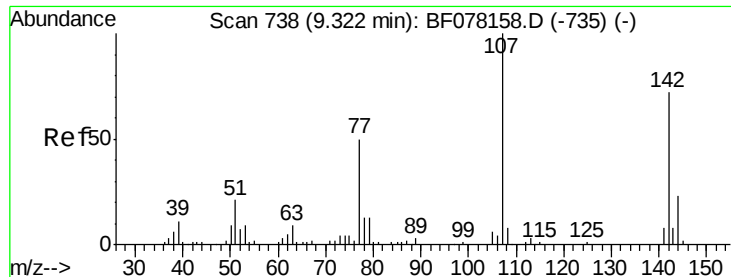
#35
Caprolactam
Concen: 30.10 ng
RT: 9.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:113 Resp: 28158
Ion Ratio Lower Upper
113 100
55 162.3 151.9 191.9
56 124.6 106.1 146.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

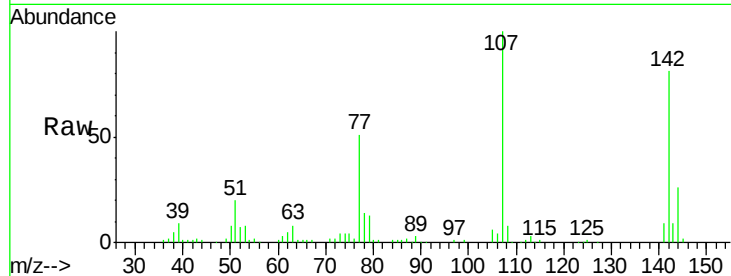




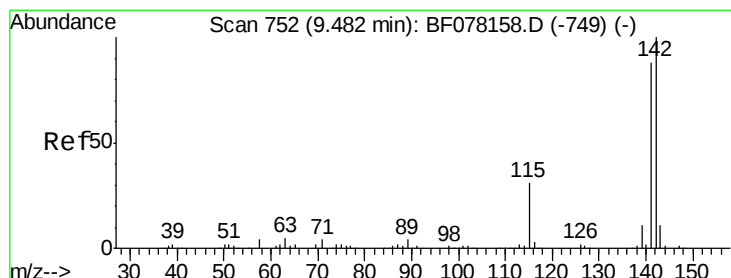
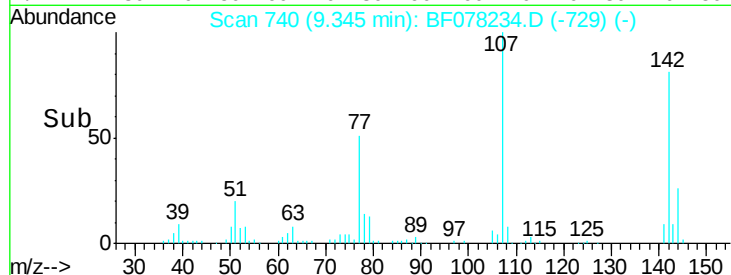
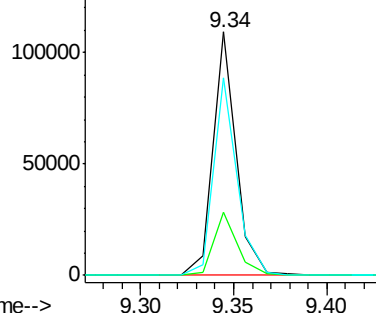
#36
 4-Chloro-3-methylphenol
 Concen: 29.84 ng
 RT: 9.34 min Scan# 740
 Delta R.T. 0.02 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:107 Resp: 94386
 Ion Ratio Lower Upper
 107 100
 144 26.1 18.2 27.2
 142 81.0 58.0 87.0

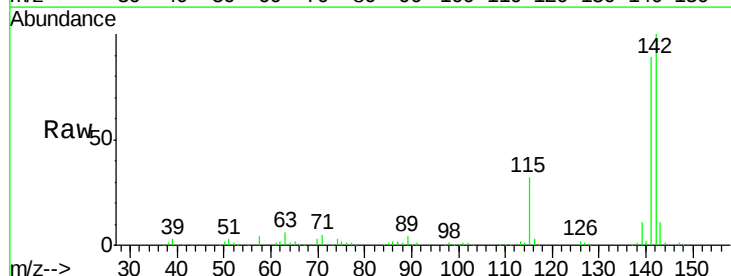


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

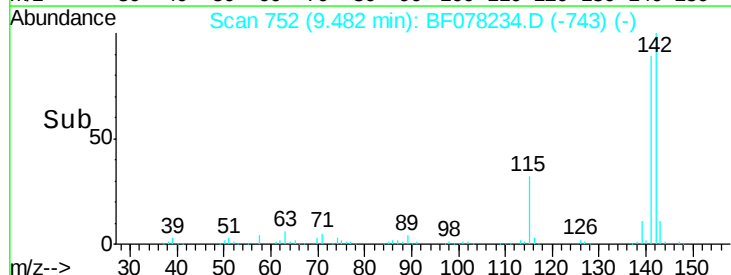
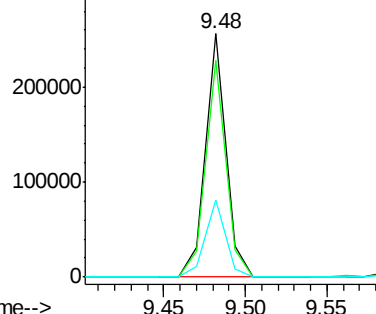


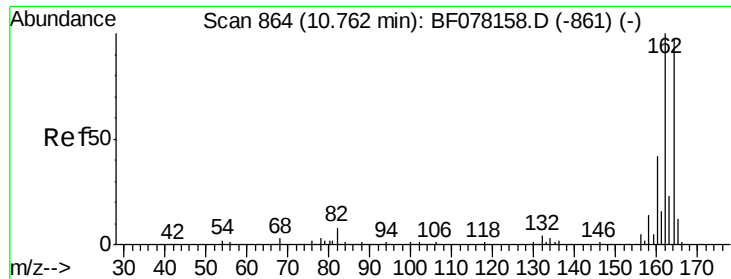
#37
 2-Methylnaphthalene
 Concen: 27.60 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:142 Resp: 219899
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.3 105.5
 115 31.7 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

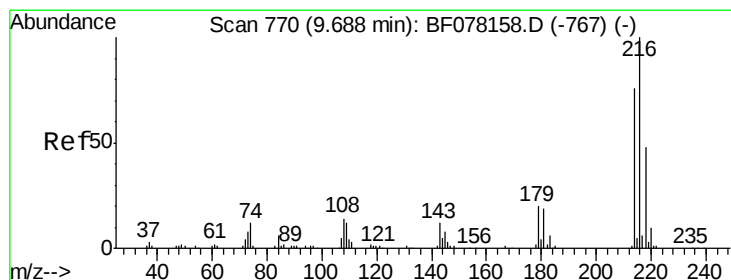
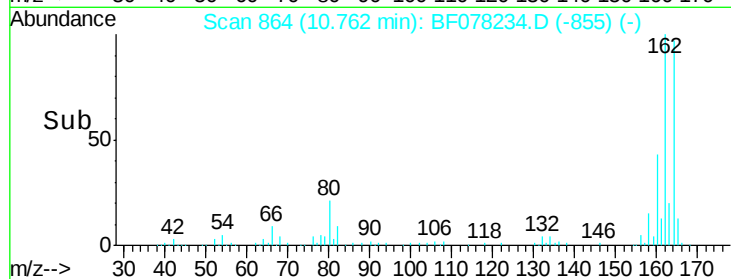
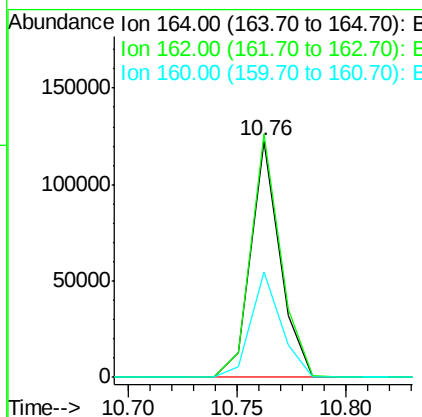
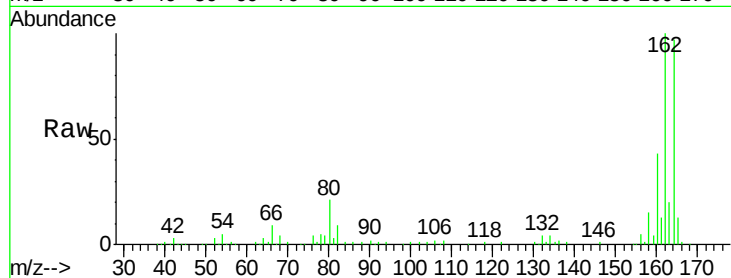




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

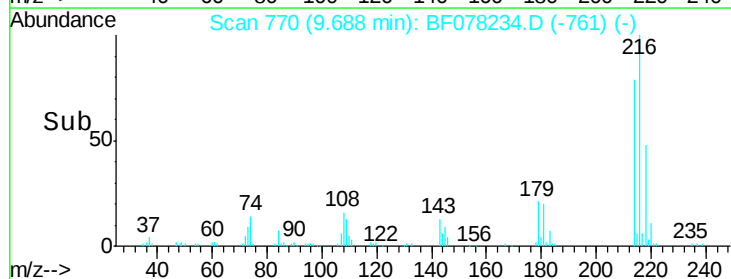
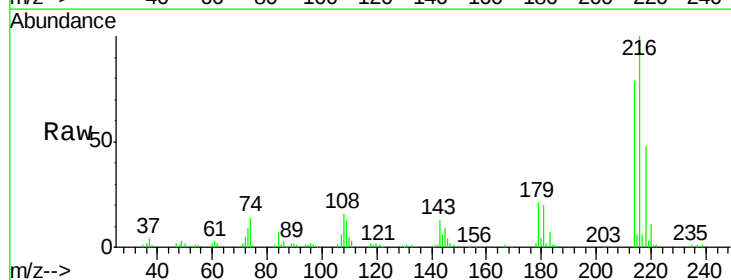
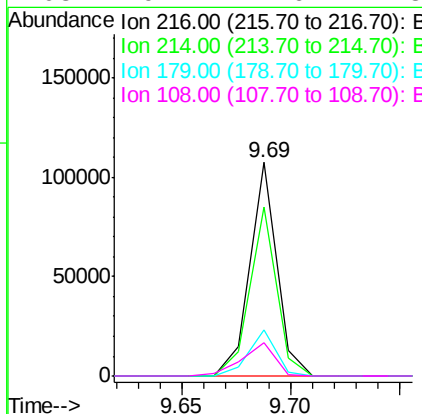
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

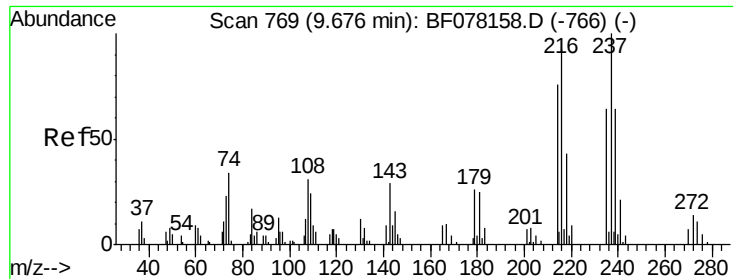
Tot Ion:164 Resp: 114821
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.2 123.2
 160 44.5 34.7 52.1



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.06 ng
 RT: 9.69 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:216 Resp: 92721
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.0 93.0
 179 22.0 17.3 25.9
 108 19.4 14.6 21.8

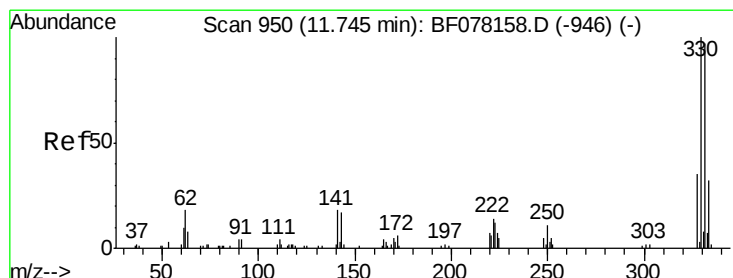
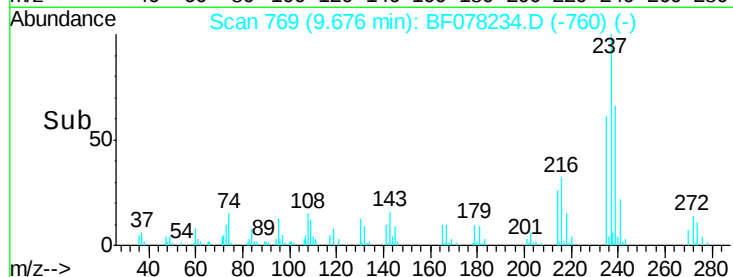
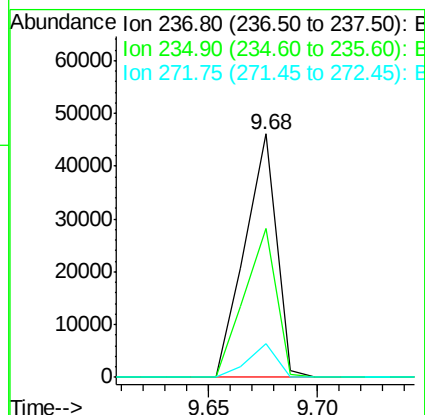
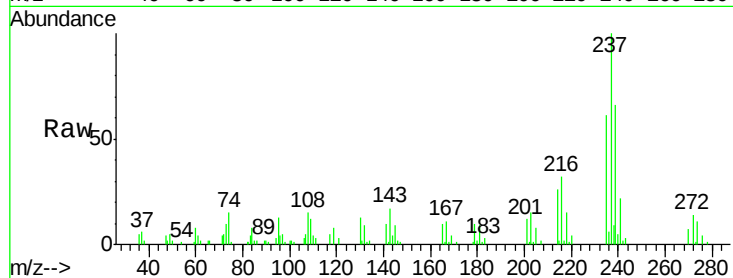




#40
Hexachlorocyclopentadiene
Concen: 34.66 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

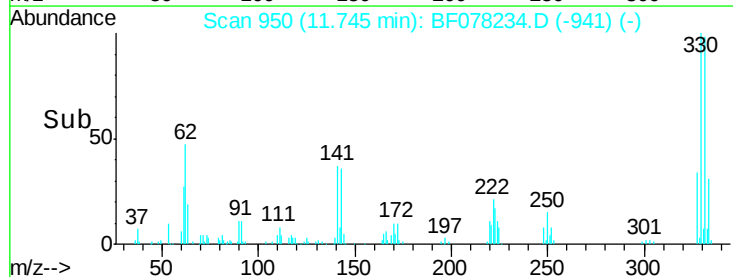
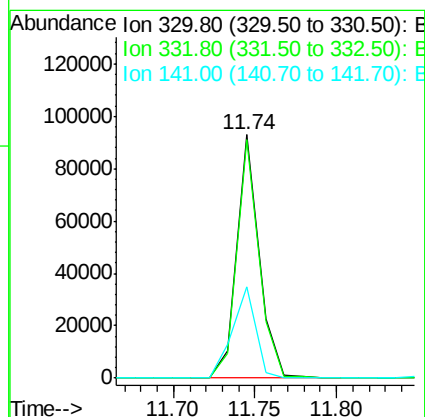
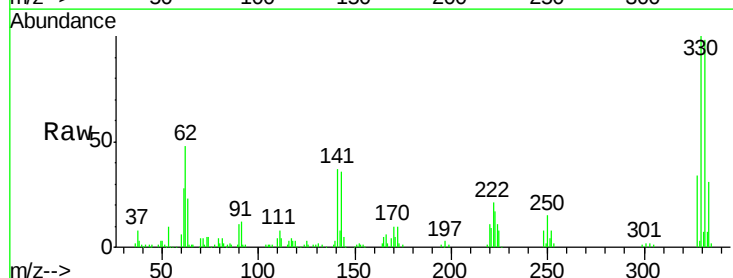
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

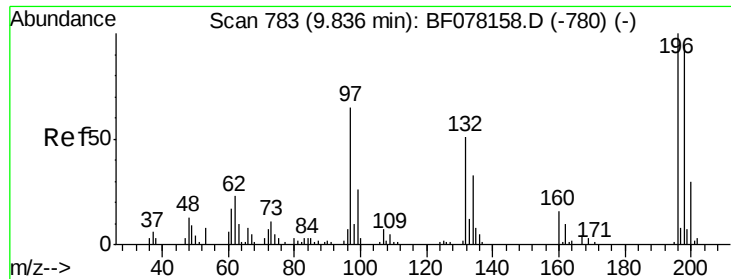
Tot Ion:237 Resp: 46624
Ion Ratio Lower Upper
237 100
235 61.4 44.1 84.1
272 13.8 0.0 34.4



#41
2,4,6-Tribromophenol
Concen: 92.12 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:330 Resp: 87729
Ion Ratio Lower Upper
330 100
332 97.1 78.6 117.8
141 39.2 31.2 46.8

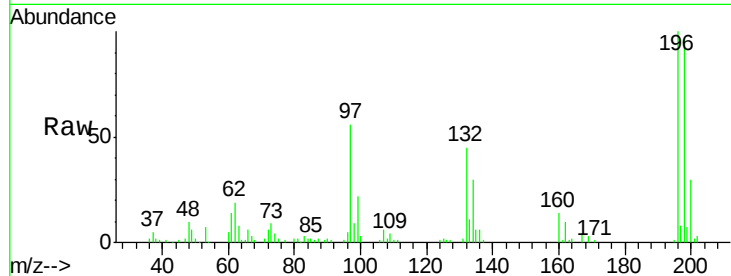




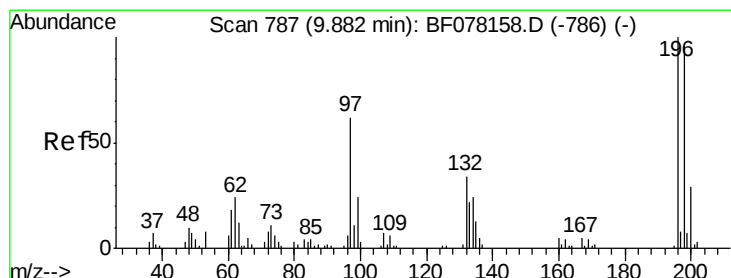
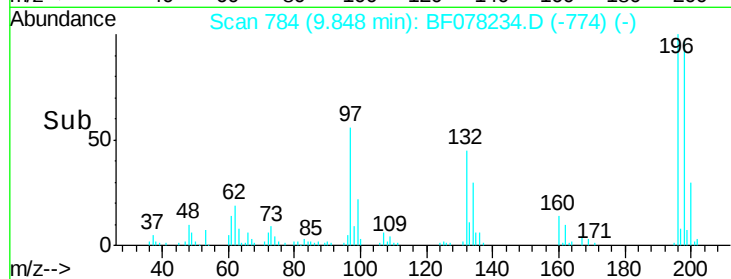
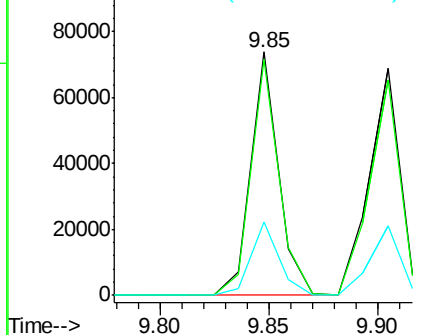
#42
 2,4,6-Trichlorophenol
 Concen: 29.31 ng
 RT: 9.85 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:196 Resp: 65771
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.2
 200 29.9 24.0 36.0

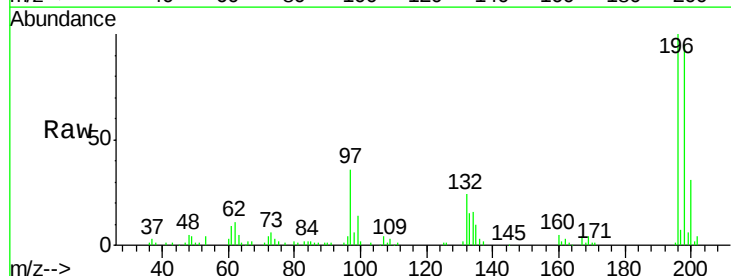


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

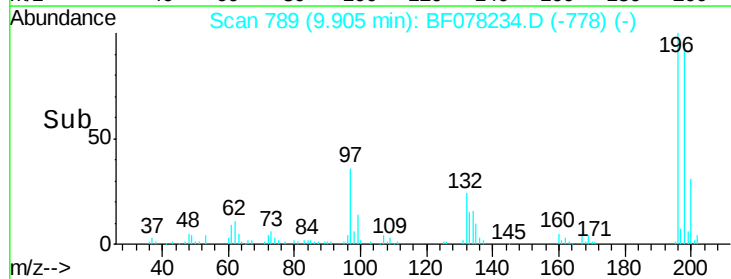
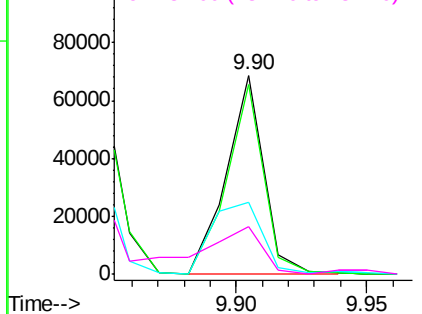


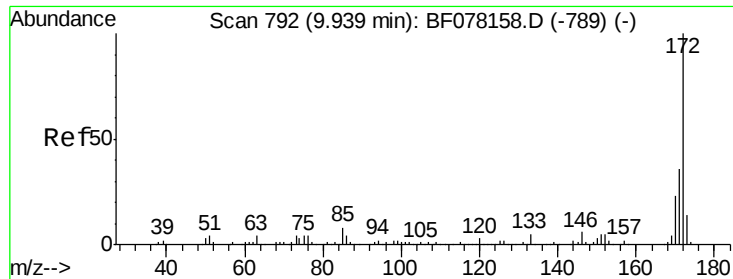
#43
 2,4,5-Trichlorophenol
 Concen: 29.49 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.02 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:196 Resp: 69135
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.6 115.0
 97 36.3 50.6 75.8#
 132 24.1 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

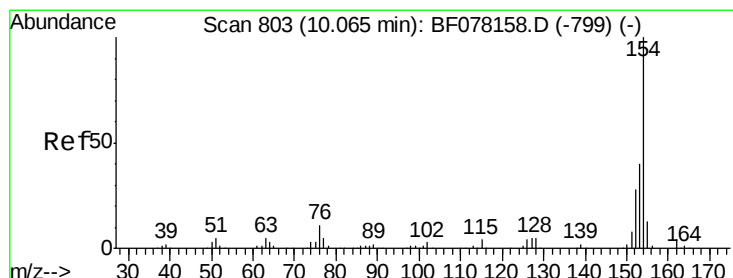
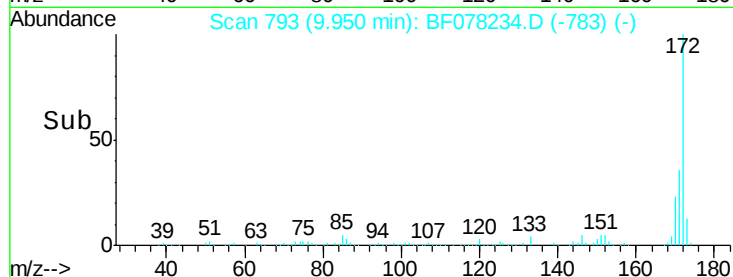
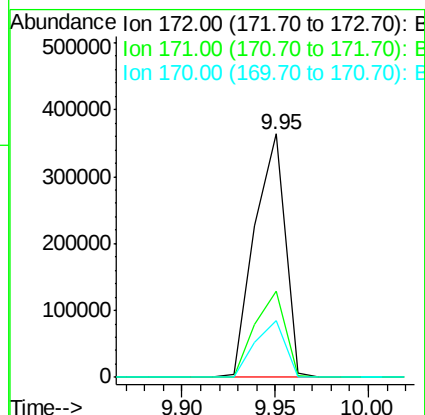
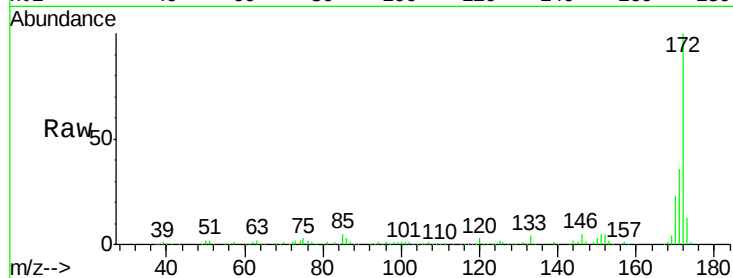




#44
 2-Fluorobiphenyl
 Concen: 51.34 ng
 RT: 9.95 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

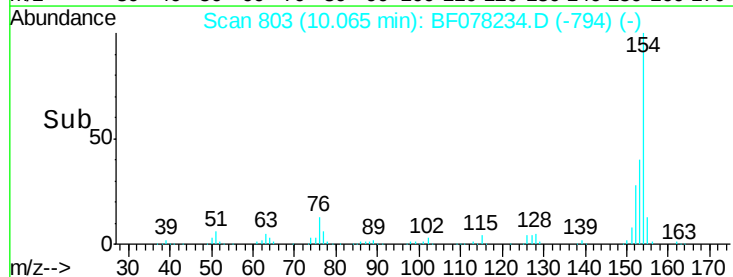
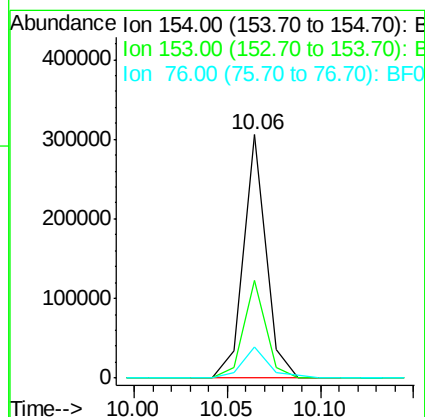
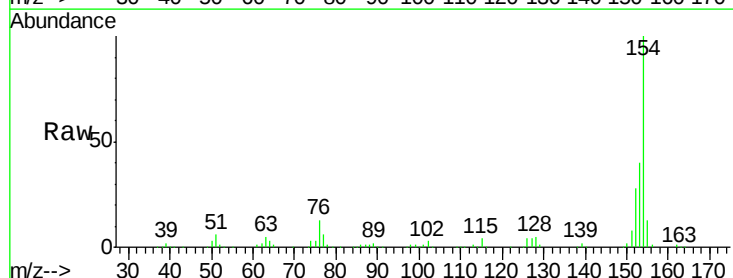
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

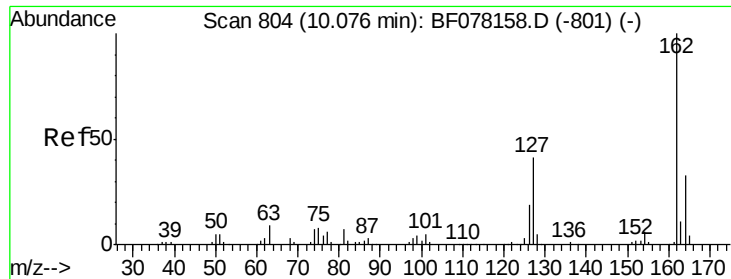
Tot Ion:172 Resp: 412399
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.2 18.5 27.7



#45
 1,1'-Biphenyl
 Concen: 27.39 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:154 Resp: 257292
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.0 60.0
 76 12.5 0.0 30.6

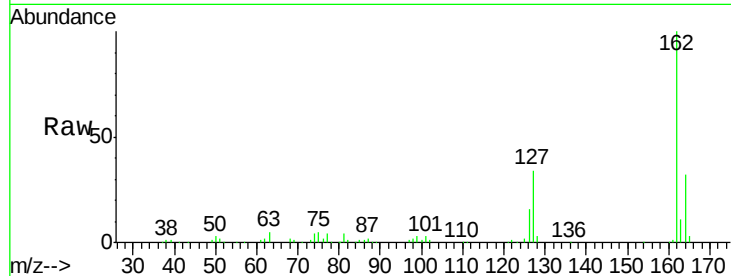




#46
2-Chloronaphthalene
Concen: 26.82 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

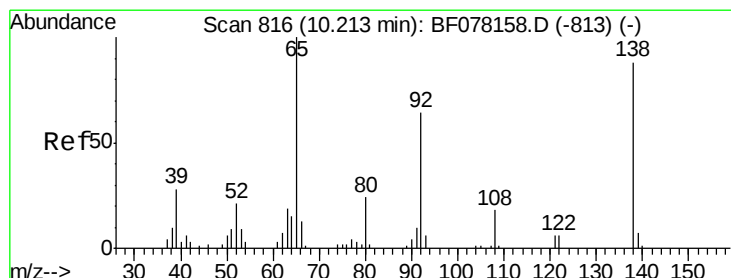
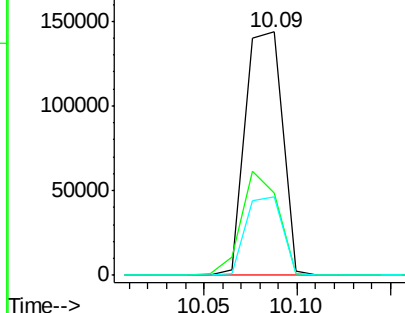
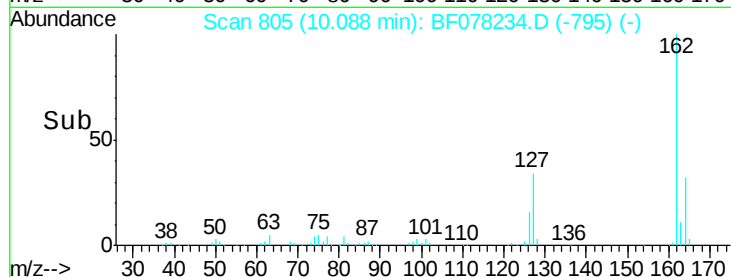
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:162 Resp: 198161
Ion Ratio Lower Upper
162 100
127 33.9 32.6 49.0
164 32.2 26.0 39.0



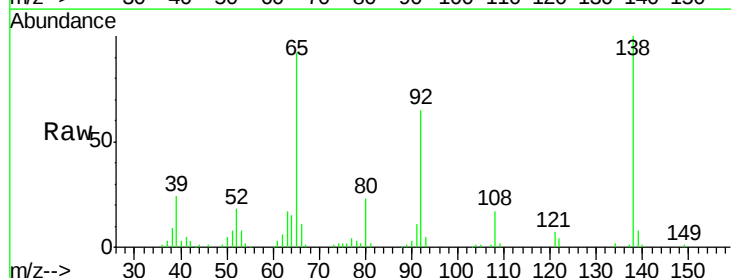
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

10.09



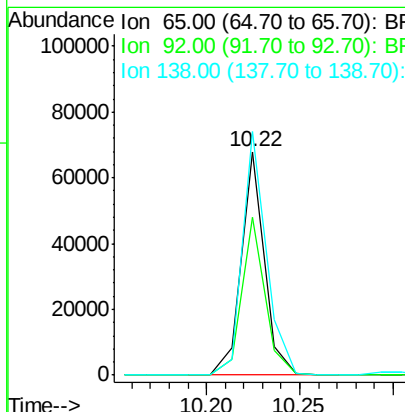
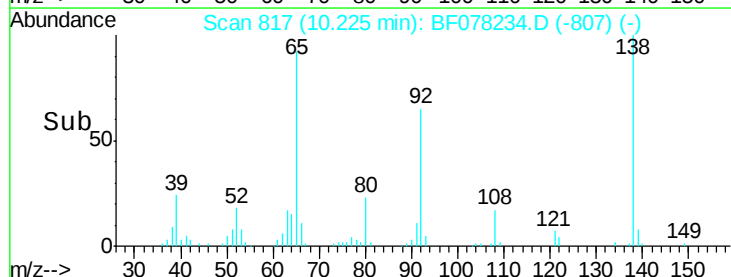
#47
2-Nitroaniline
Concen: 32.18 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

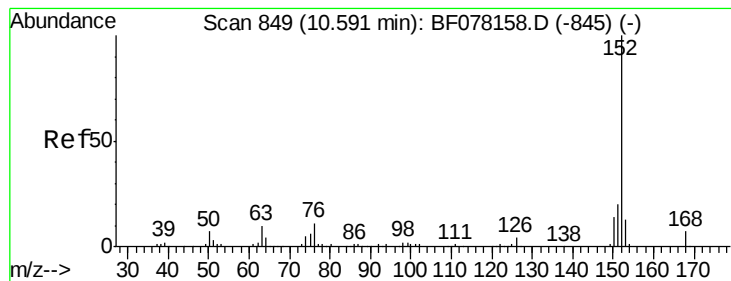
Tgt Ion: 65 Resp: 58839
Ion Ratio Lower Upper
65 100
92 70.6 51.3 76.9
138 109.0 70.4 105.6#



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

10.22





#48

Acenaphthylene

Concen: 27.23 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

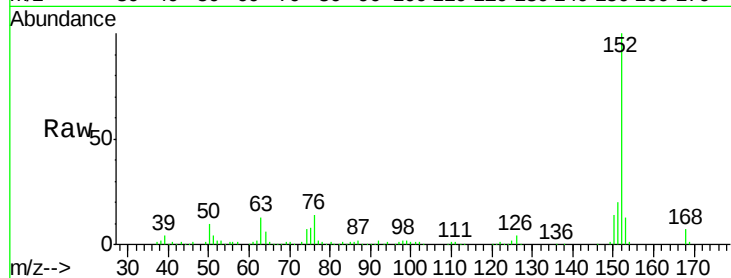
Tot Ion:152 Resp: 324949

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

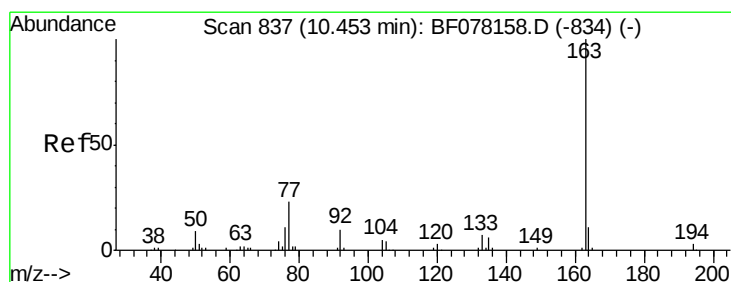
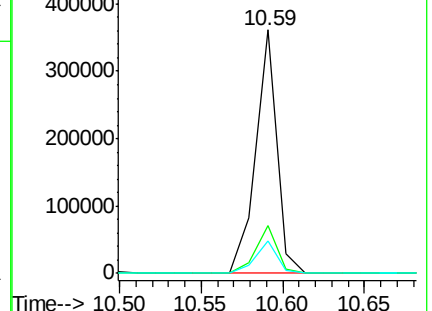
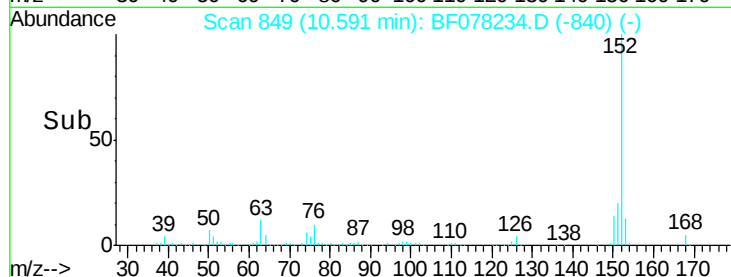
153 13.2 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 33.05 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

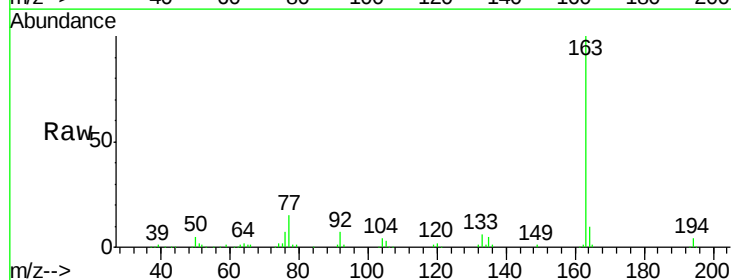
Tgt Ion:163 Resp: 285136

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

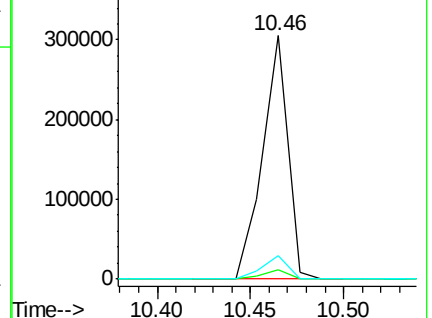
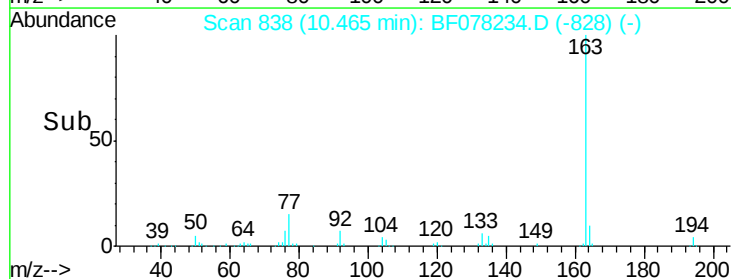
164 9.6 8.6 13.0

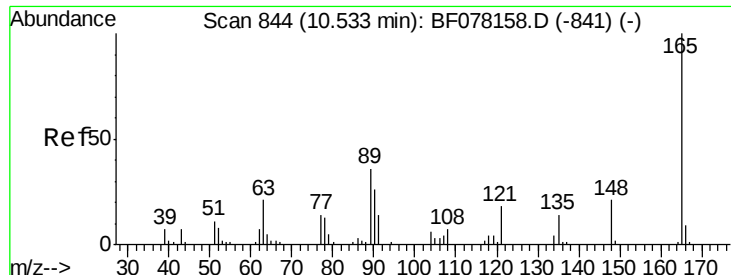


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

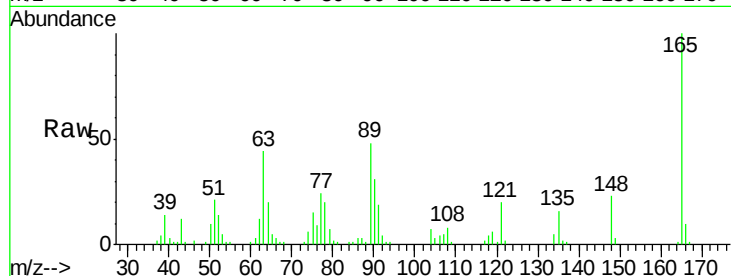




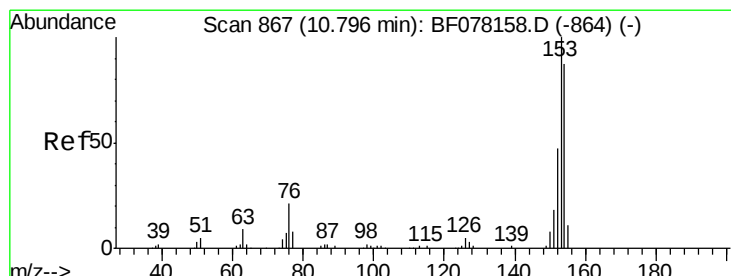
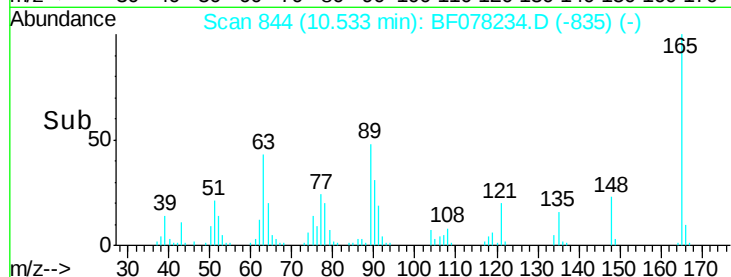
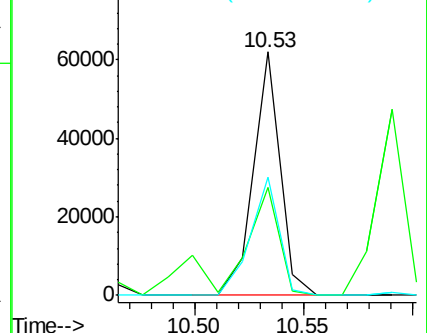
#50
 2,6-Dinitrotoluene
 Concen: 29.76 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:165 Resp: 52814
 Ion Ratio Lower Upper
 165 100
 63 44.1 24.1 36.1#
 89 48.3 28.9 43.3#

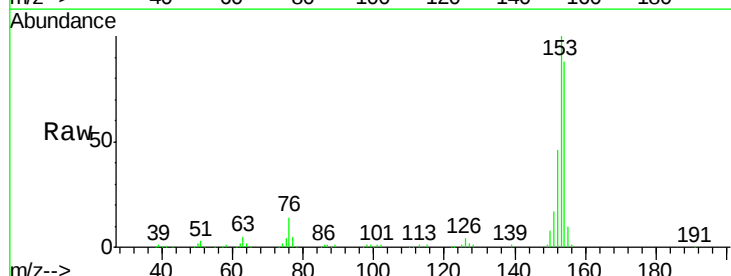


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

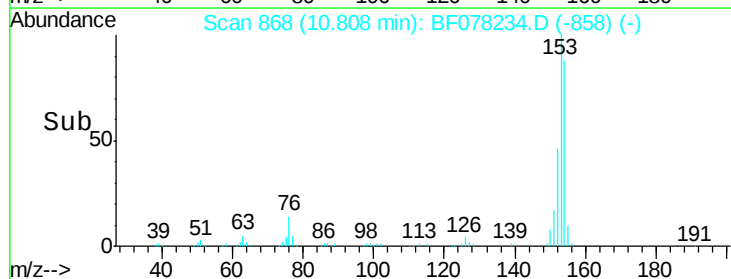
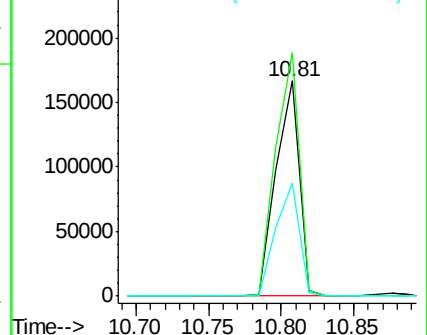


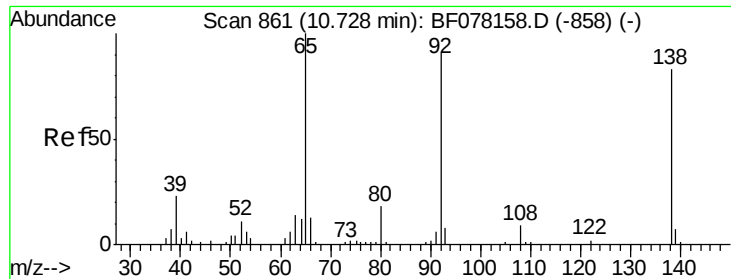
#51
 Acenaphthene
 Concen: 27.46 ng
 RT: 10.81 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:154 Resp: 184513
 Ion Ratio Lower Upper
 154 100
 153 113.2 91.4 137.2
 152 52.6 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

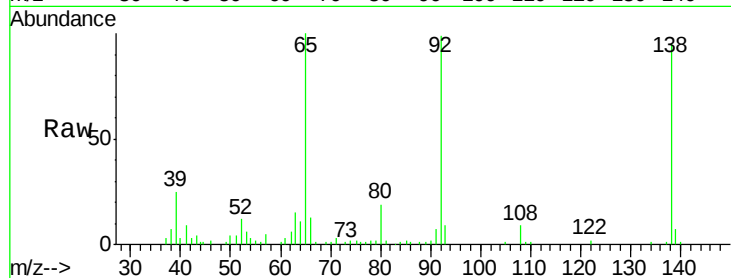




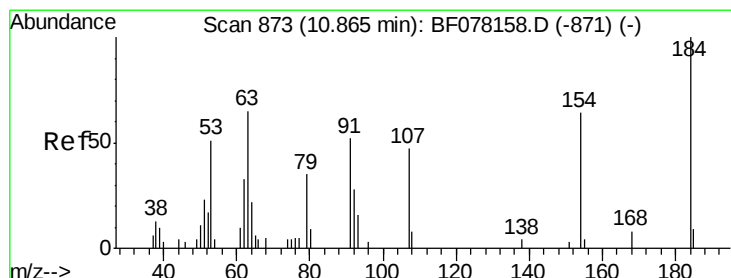
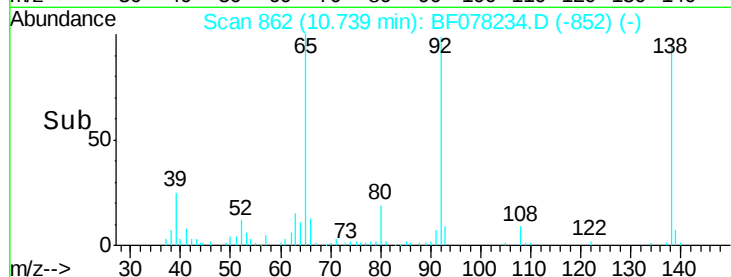
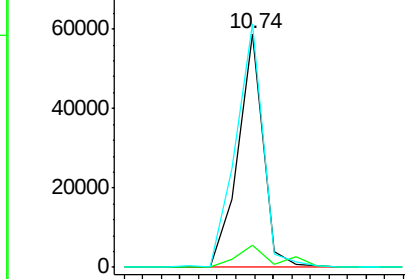
#52
 3-Nitroaniline
 Concen: 27.57 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:138 Resp: 55638
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.2 12.4
 92 104.1 88.4 132.6

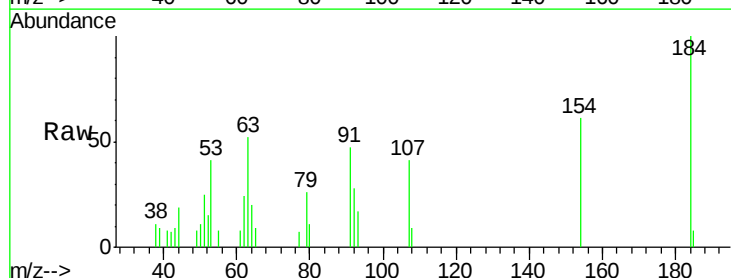


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

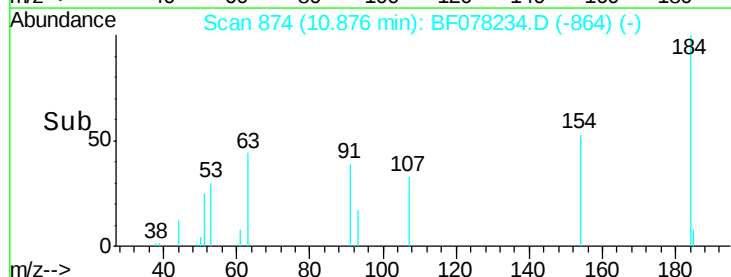
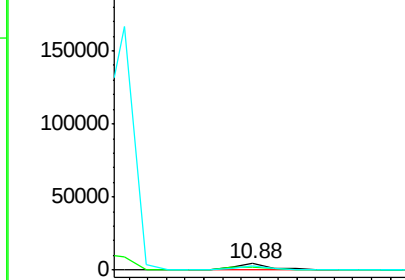


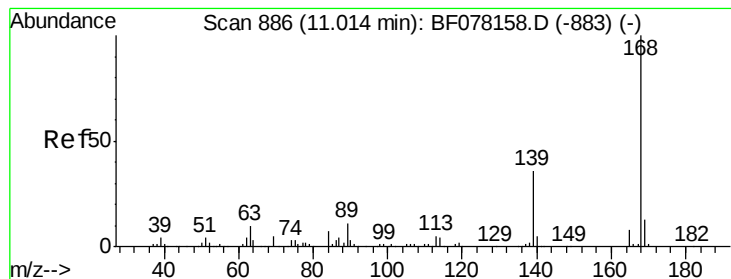
#53
 2,4-Dinitrophenol
 Concen: 19.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:184 Resp: 6053
 Ion Ratio Lower Upper
 184 100
 63 51.9 51.9 77.9#
 154 61.4 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

Dibenzenofuran

Concen: 27.10 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

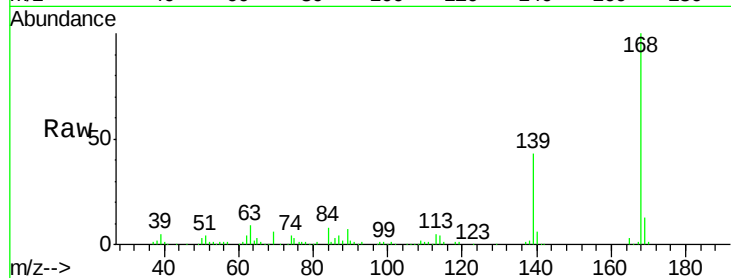
Tot Ion:168 Resp: 278109

Ion Ratio Lower Upper

168 100

139 42.6 31.0 46.4

169 13.3 10.7 16.1

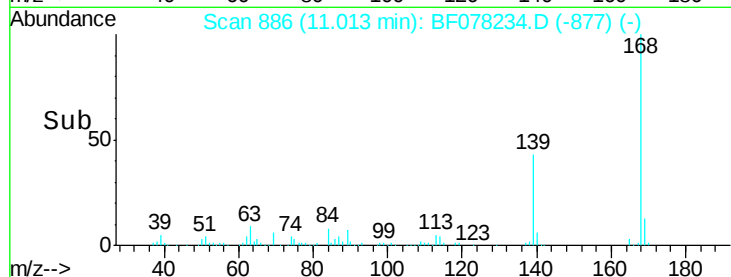


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

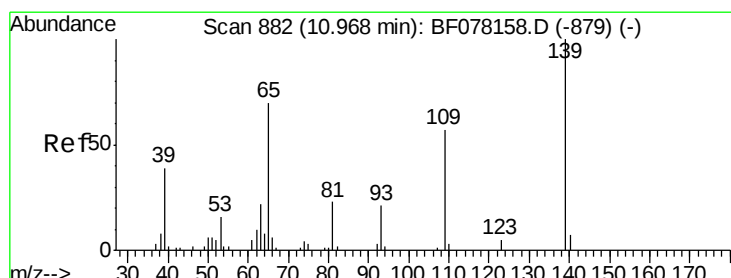
Ion 169.00 (168.70 to 169.70): E

Time-->



Abundance

Time-->



#55

4-Nitrophenol

Concen: 121.03 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.05 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

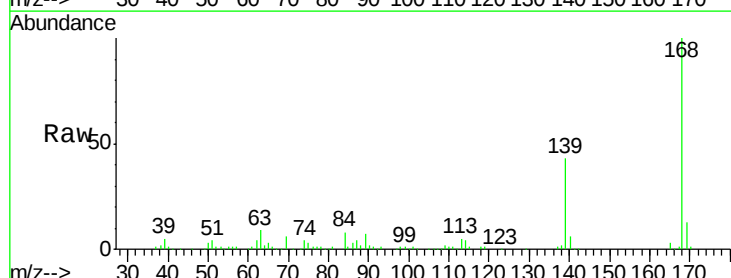
Tgt Ion:139 Resp: 182022

Ion Ratio Lower Upper

139 100

109 4.7 36.7 76.7#

65 6.5 49.9 89.9#

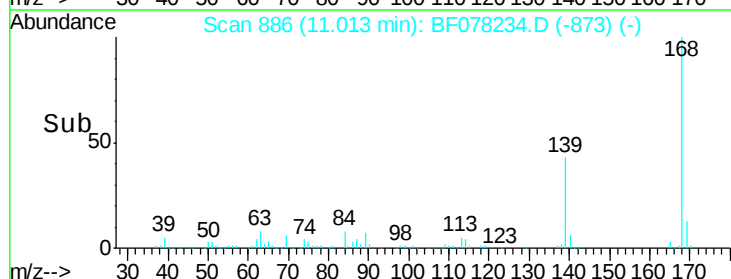


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

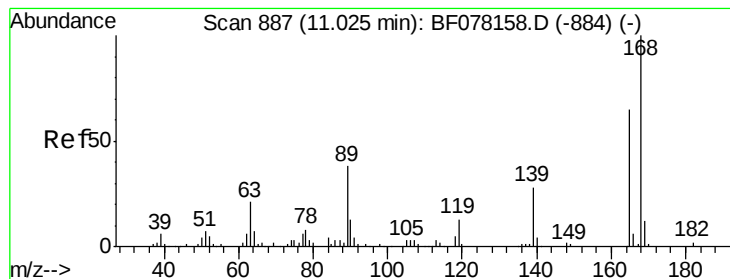
Ion 65.00 (64.70 to 65.70): BF0

Time-->



Abundance

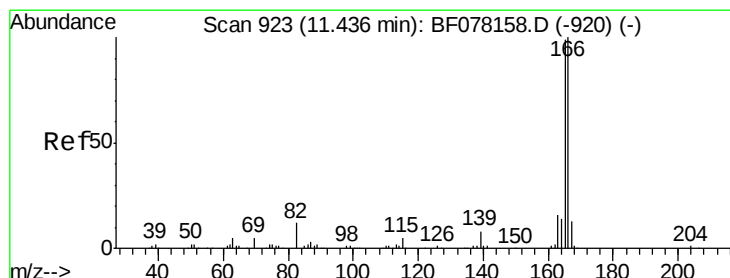
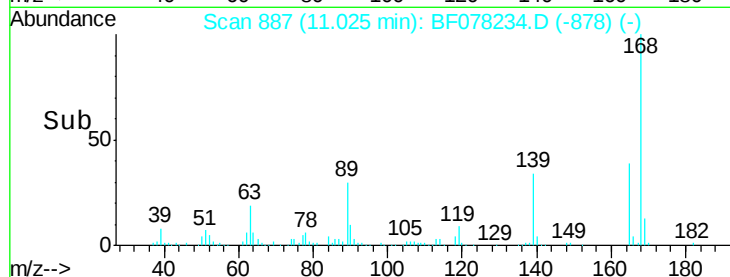
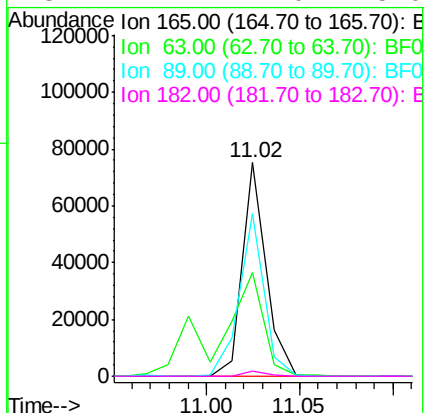
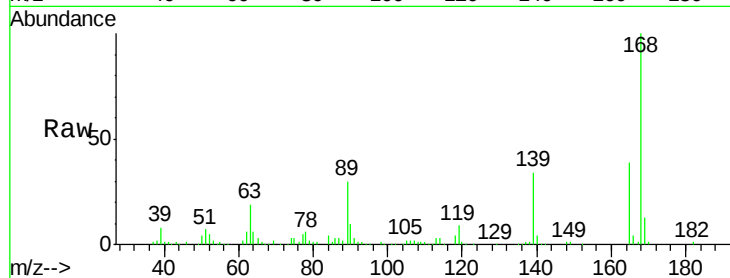
Time-->



#56
2,4-Dinitrotoluene
Concen: 29.13 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

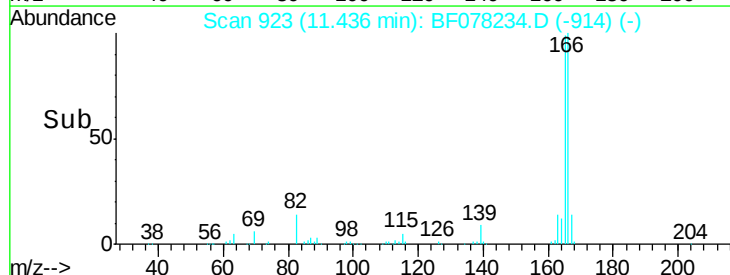
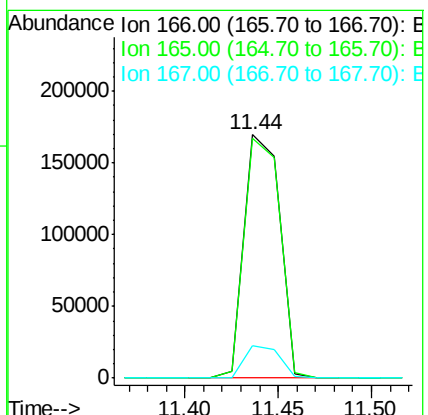
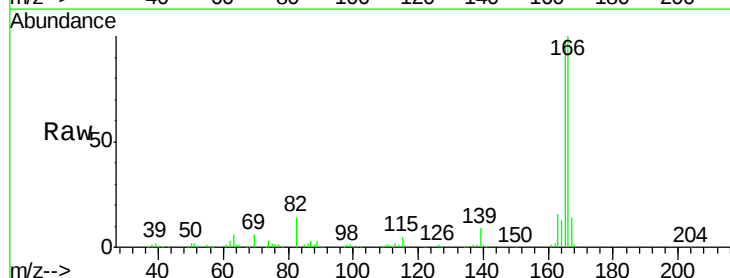
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

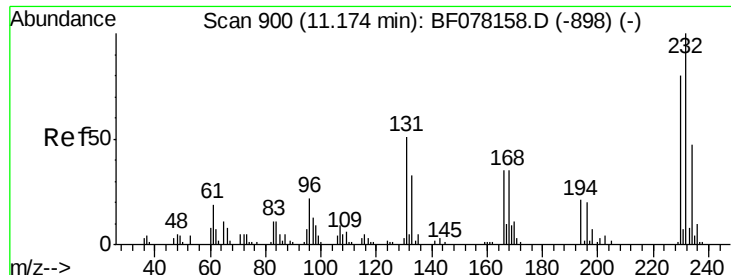
Tot Ion:165 Resp: 66970
Ion Ratio Lower Upper
165 100
63 48.6 26.5 39.7#
89 75.8 46.4 69.6#
182 2.2 2.0 3.0



#57
Fluorene
Concen: 27.39 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:166 Resp: 227838
Ion Ratio Lower Upper
166 100
165 98.5 78.9 118.3
167 13.5 10.7 16.1

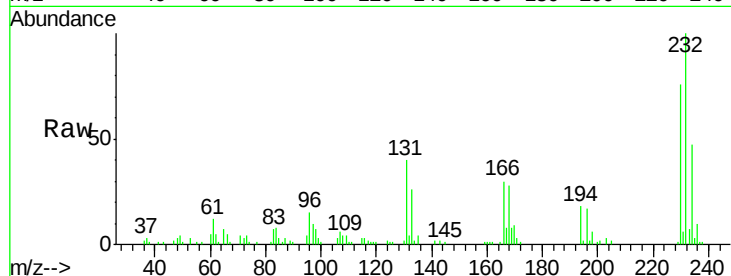




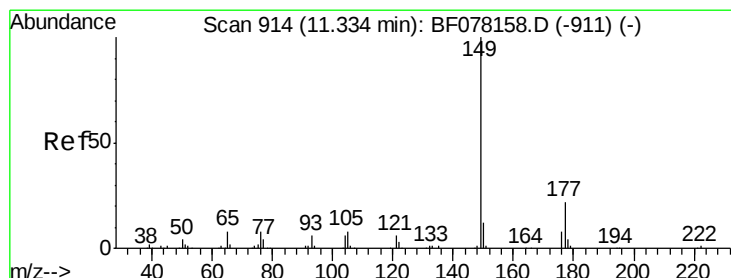
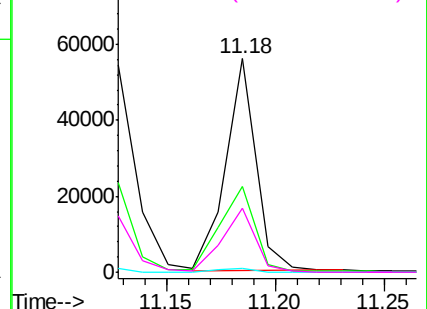
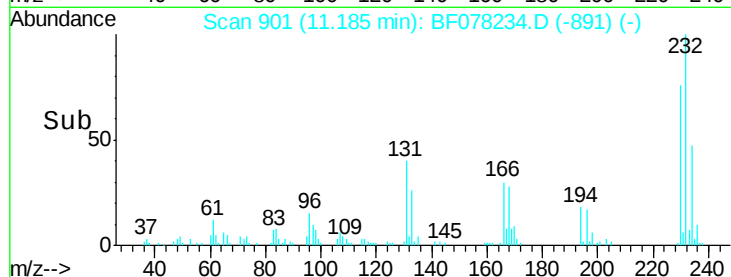
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.01 ng
 RT: 11.18 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:232 Resp: 53887
 Ion Ratio Lower Upper
 232 100
 131 46.4 37.8 56.8
 130 2.1 1.5 2.3
 166 32.9 25.8 38.6

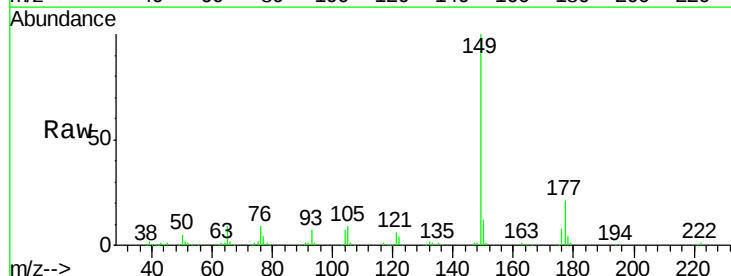


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

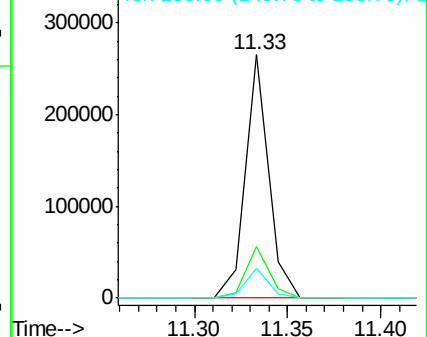
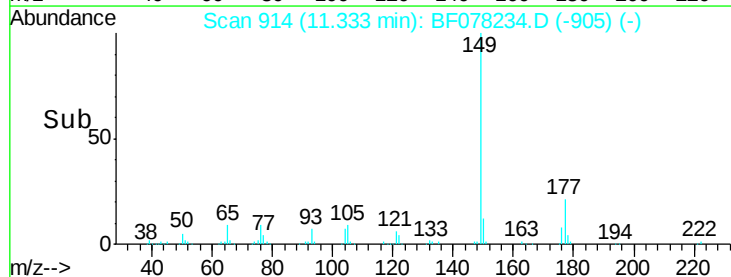


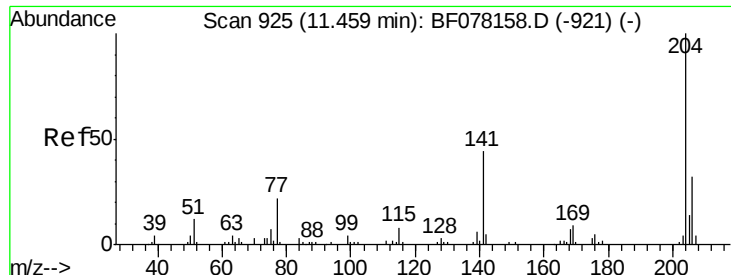
#59
 Diethylphthalate
 Concen: 27.72 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:149 Resp: 230573
 Ion Ratio Lower Upper
 149 100
 177 21.2 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

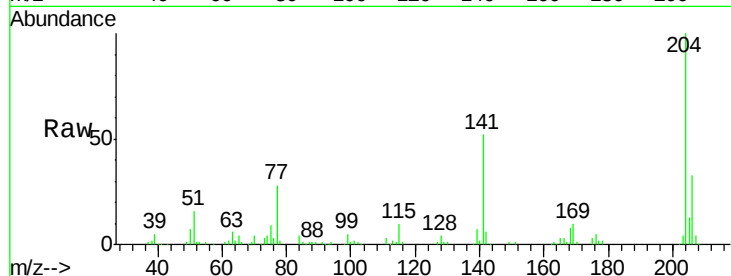




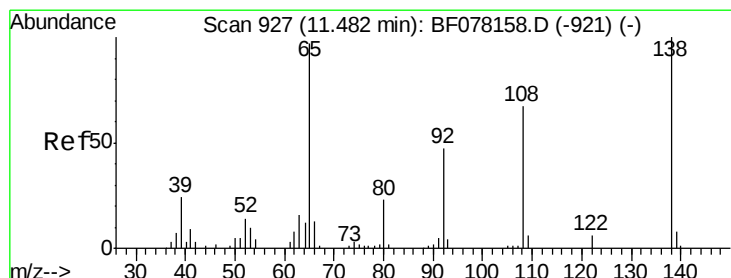
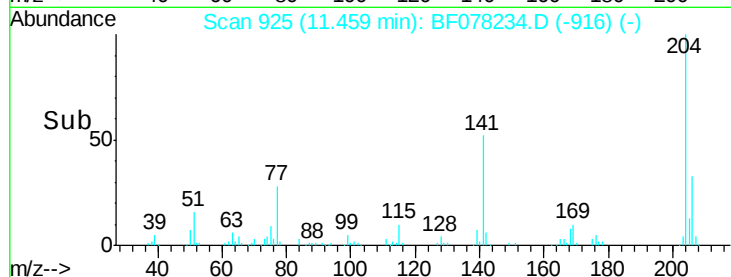
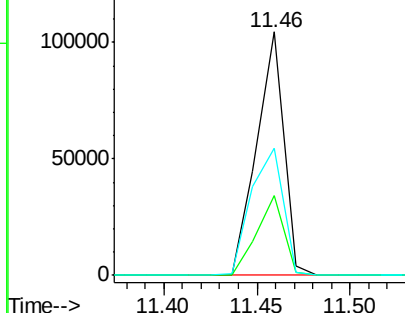
#60
4-Chlorophenyl-phenylether
Concen: 27.54 ng
RT: 11.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:204 Resp: 105360
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 52.2 35.4 53.0

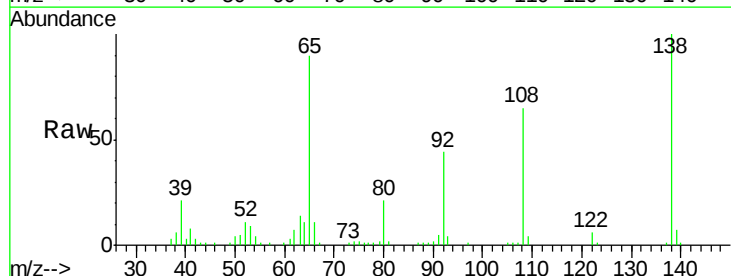


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

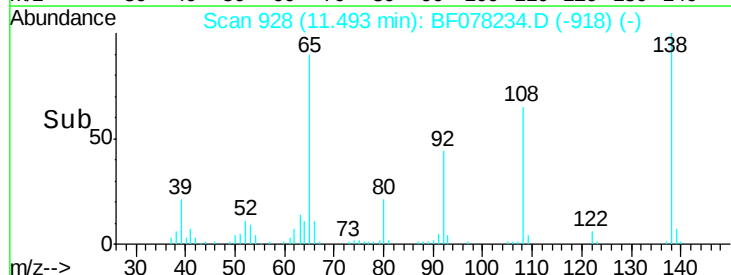
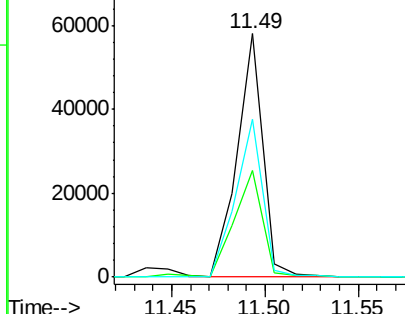


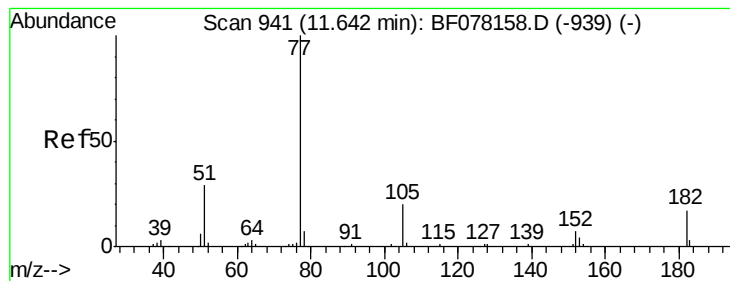
#61
4-Nitroaniline
Concen: 27.66 ng
RT: 11.49 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:138 Resp: 56419
Ion Ratio Lower Upper
138 100
92 44.1 27.3 67.3
108 64.8 47.2 87.2



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





#62

Azobenzene

Concen: 31.00 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

Tot Ion: 77 Resp: 235354

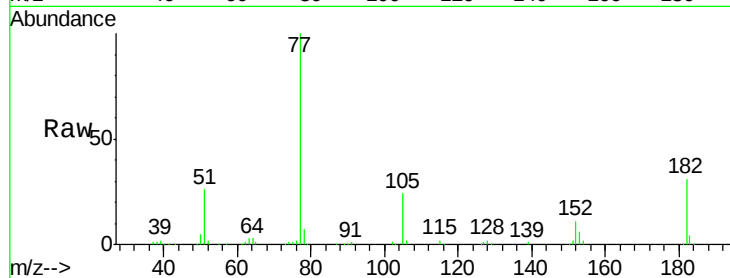
Ion Ratio Lower Upper

77 100

182 31.4 0.0 36.8

105 24.4 0.3 40.3

51 25.8 9.1 49.1

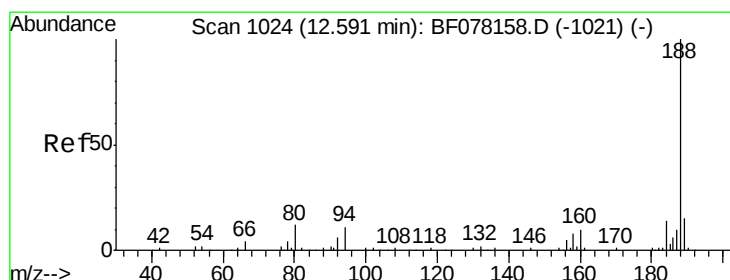
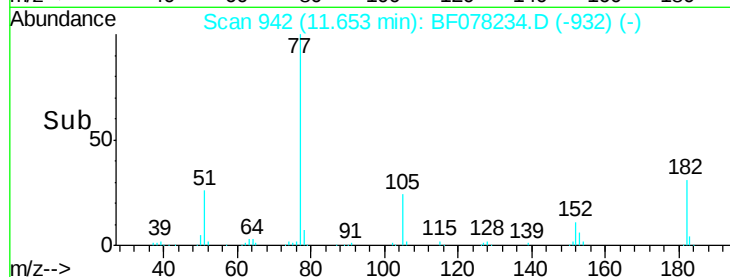
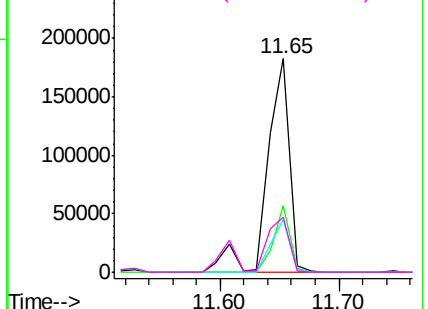


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

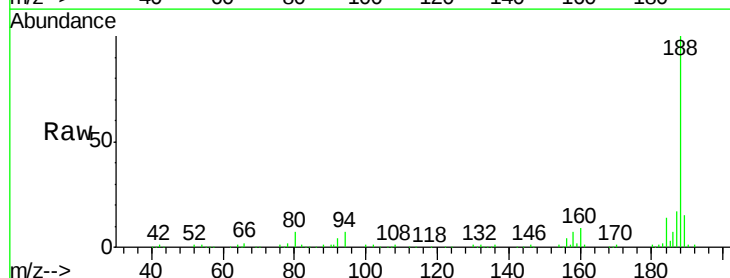
Tgt Ion: 188 Resp: 223559

Ion Ratio Lower Upper

188 100

94 7.1 9.0 13.4#

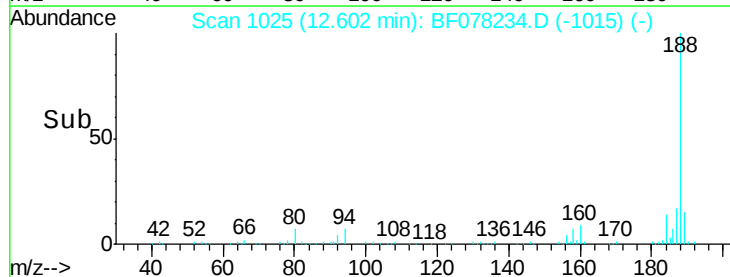
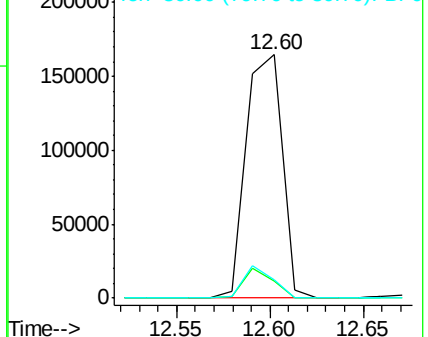
80 7.3 9.5 14.3#

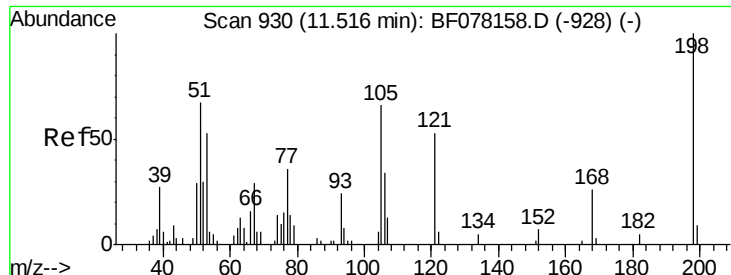


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

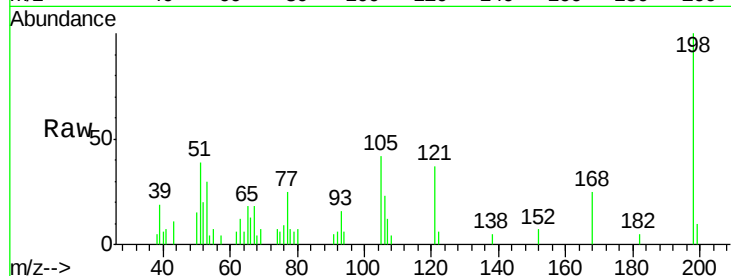




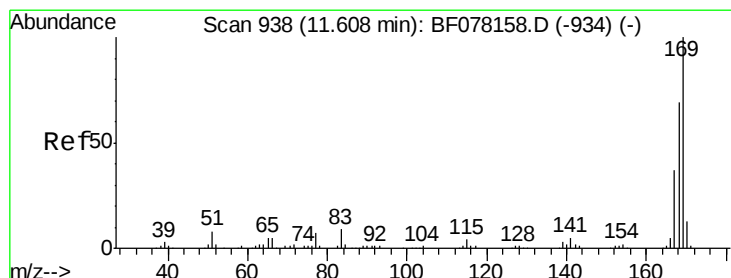
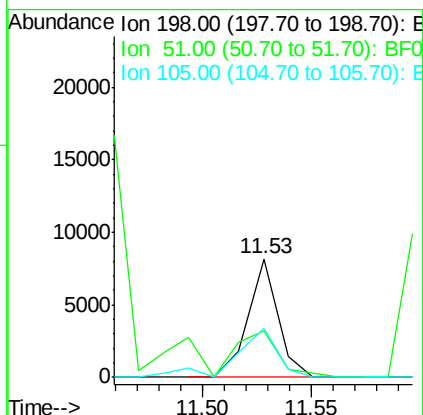
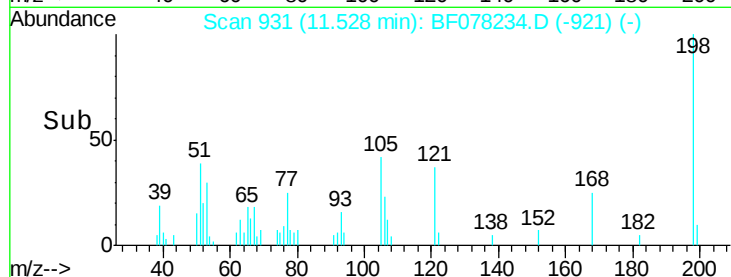
#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.37 ng
 RT: 11.53 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:198 Resp: 7839
 Ion Ratio Lower Upper
 198 100
 51 39.5 48.6 88.6#
 105 41.7 45.8 85.8#

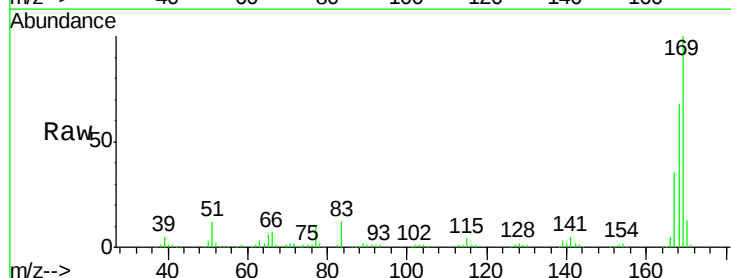


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

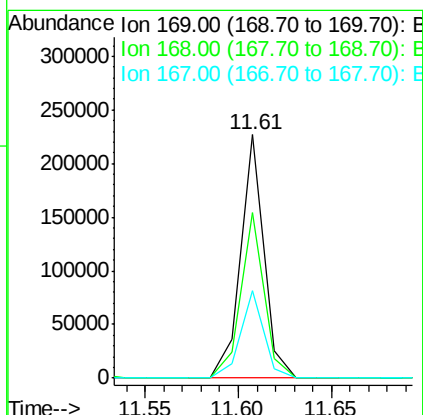
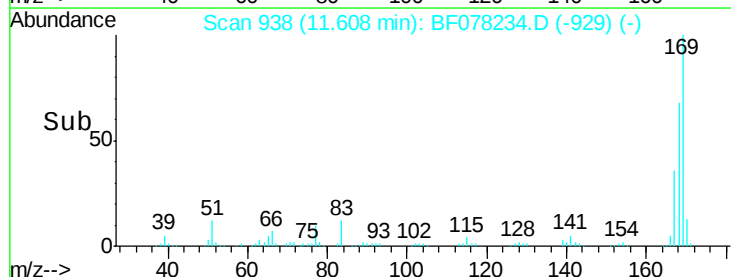


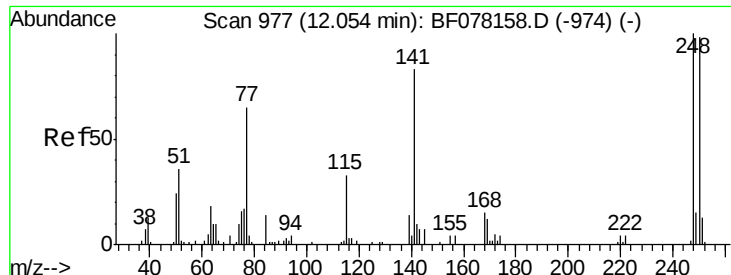
#65
 n-Nitrosodiphenylamine
 Concen: 25.67 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:169 Resp: 198486
 Ion Ratio Lower Upper
 169 100
 168 68.0 55.0 82.4
 167 36.1 29.3 43.9



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

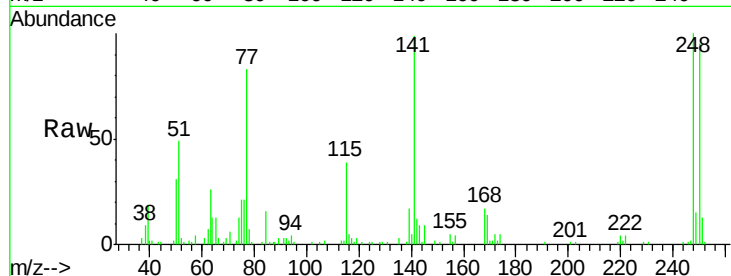




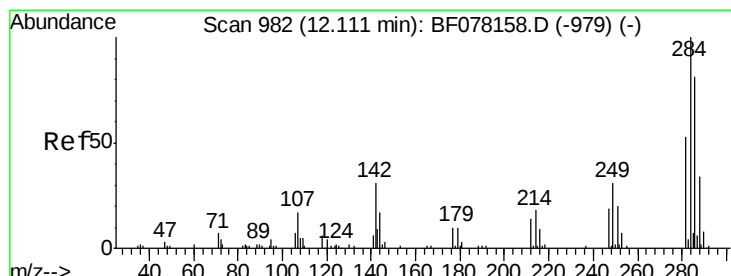
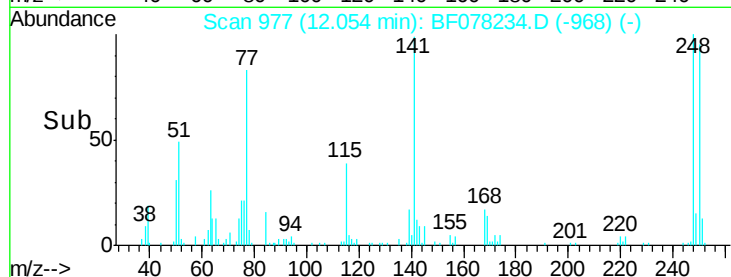
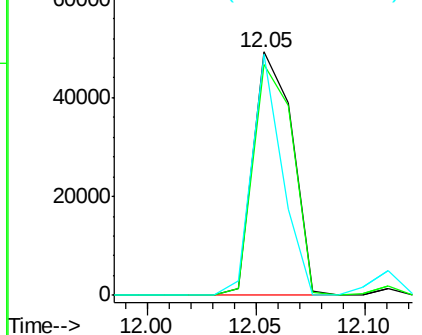
#66
4-Bromophenyl-phenylether
Concen: 26.17 ng
RT: 12.05 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:248 Resp: 61960
Ion Ratio Lower Upper
248 100
250 94.8 78.2 117.2
141 99.1 66.4 99.6

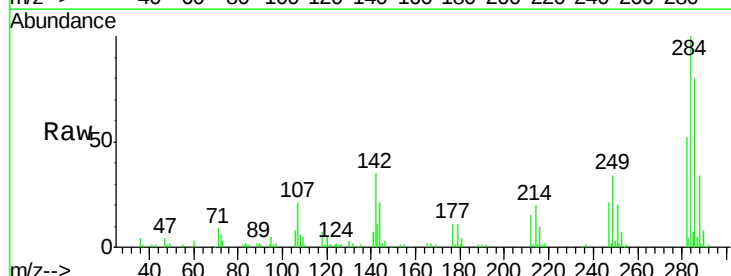


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

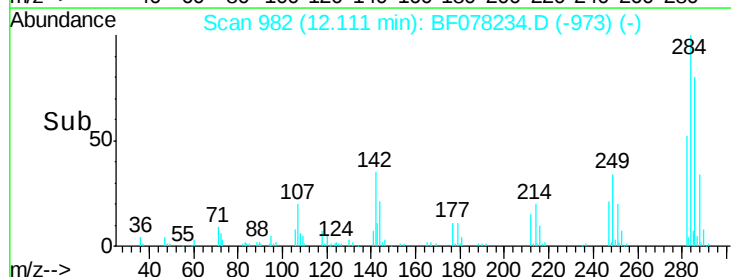
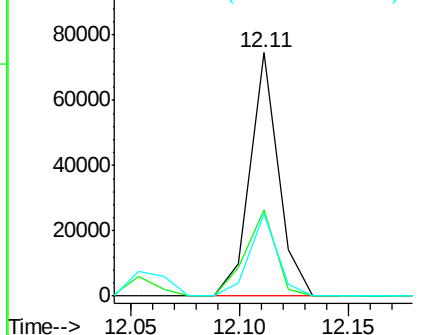


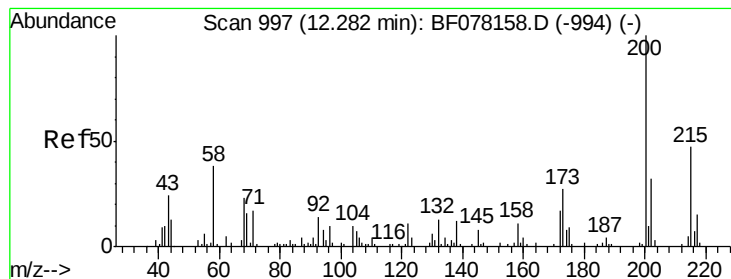
#67
Hexachlorobenzene
Concen: 26.11 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:284 Resp: 67738
Ion Ratio Lower Upper
284 100
142 35.2 24.5 36.7
249 33.6 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: 27.90 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

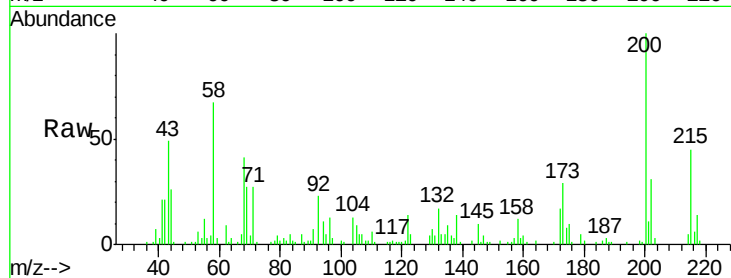
Tot Ion:200 Resp: 62492

Ion Ratio Lower Upper

200 100

173 28.7 6.9 46.9

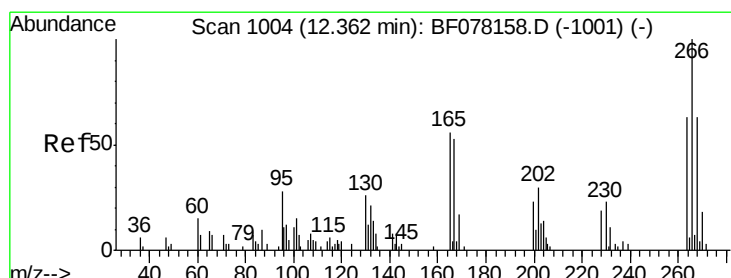
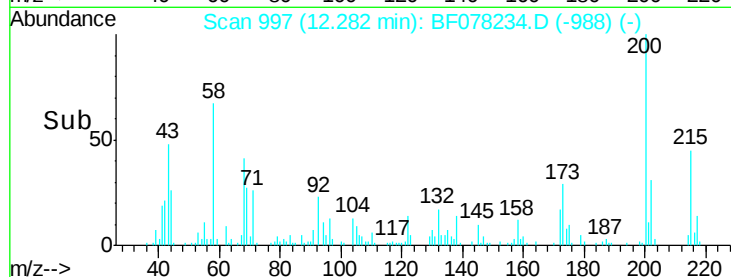
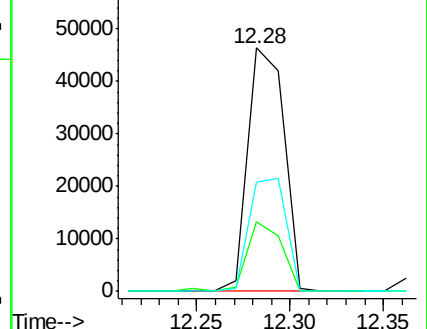
215 44.7 27.1 67.1



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: 53.27 ng

RT: 12.37 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

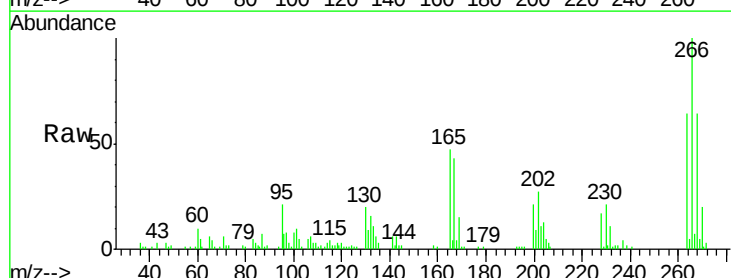
Tgt Ion:266 Resp: 57985

Ion Ratio Lower Upper

266 100

268 64.0 50.1 75.1

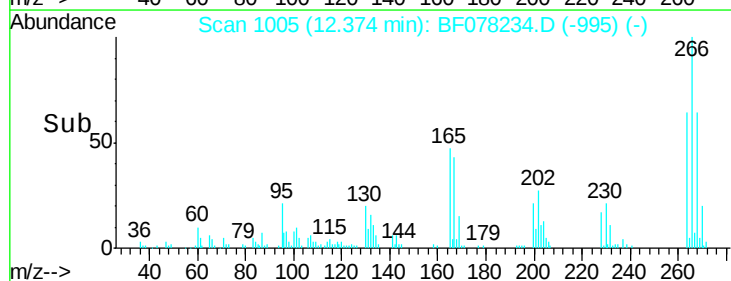
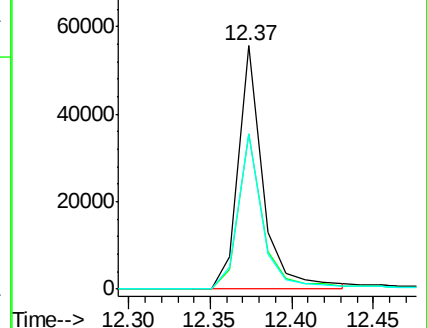
264 63.6 50.0 75.0

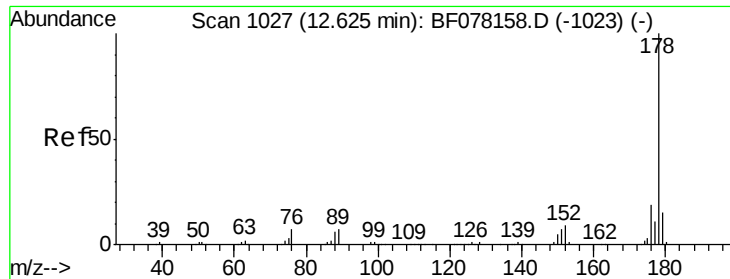


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

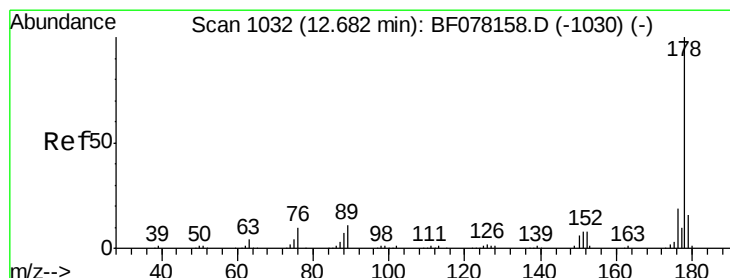
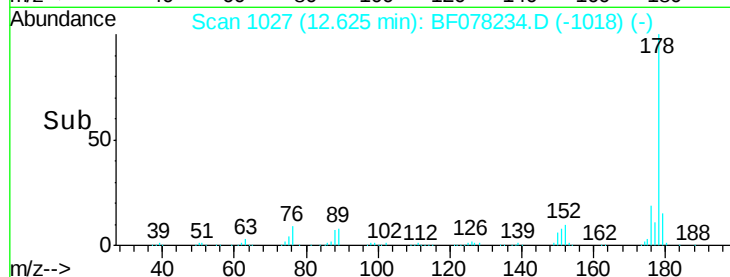
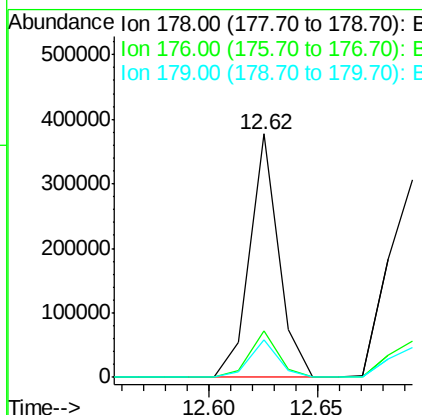
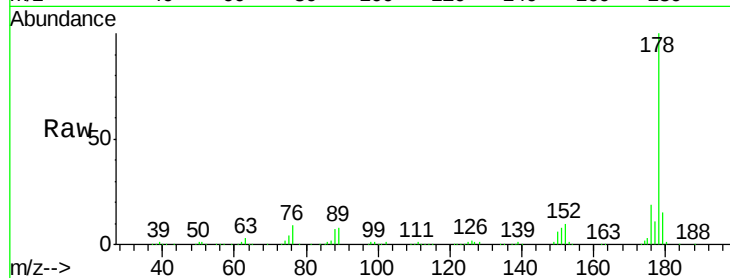




#70
Phenanthrene
Concen: 26.86 ng
RT: 12.62 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

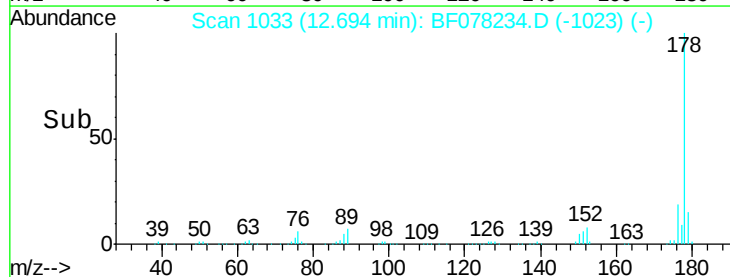
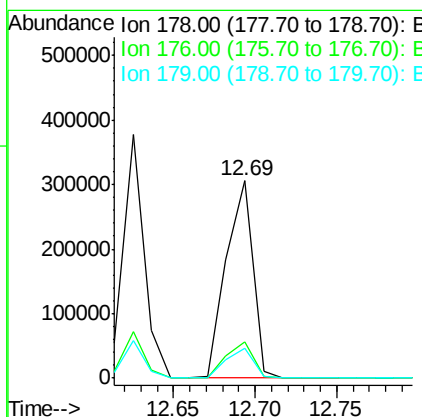
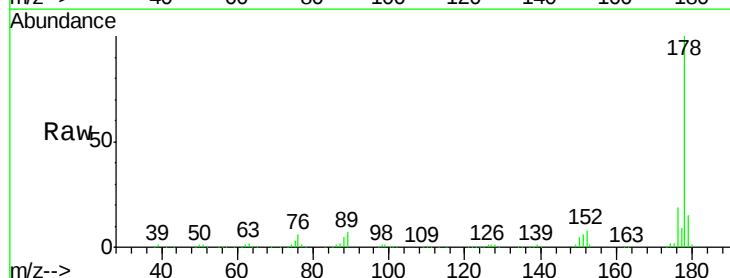
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

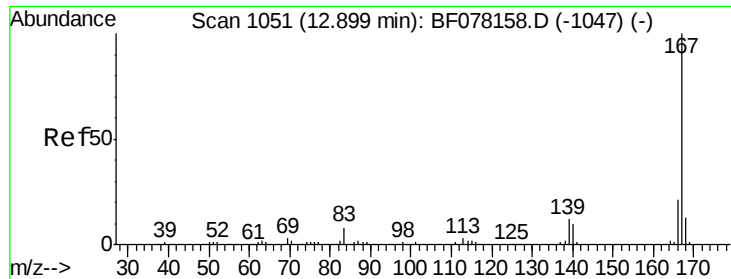
Tot Ion:178 Resp: 347307
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.2



#71
Anthracene
Concen: 27.04 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:178 Resp: 344530
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.0 12.4 18.6

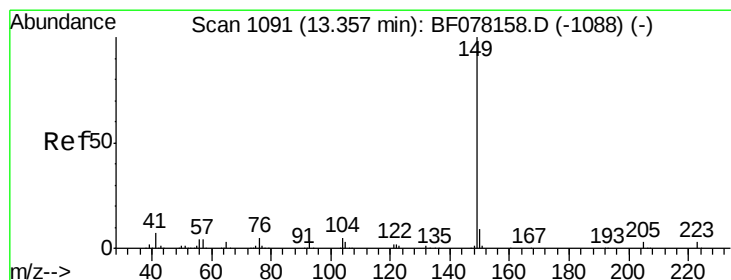
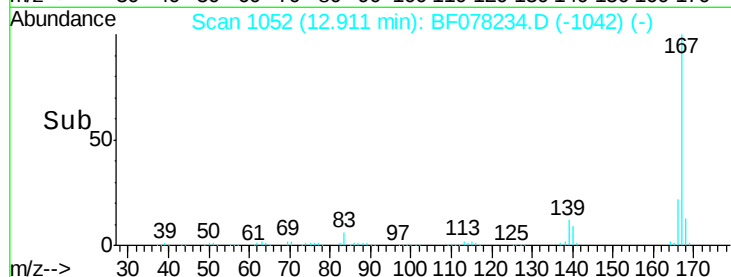
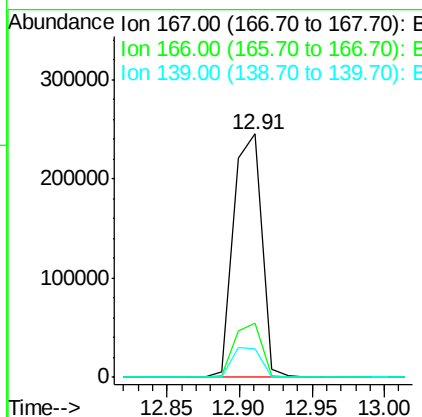
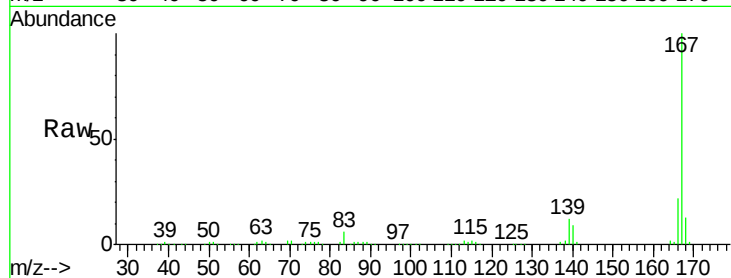




#72
 Carbazole
 Concen: 27.74 ng
 RT: 12.91 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

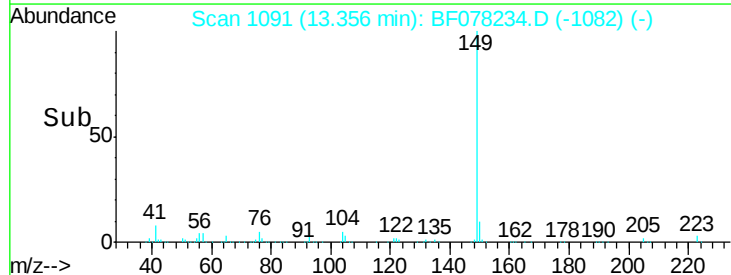
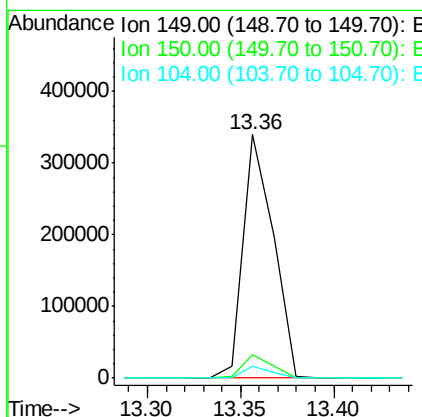
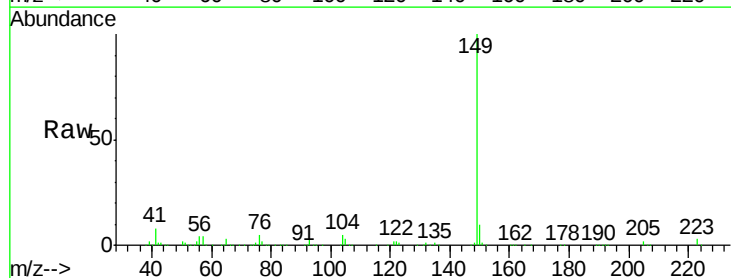
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

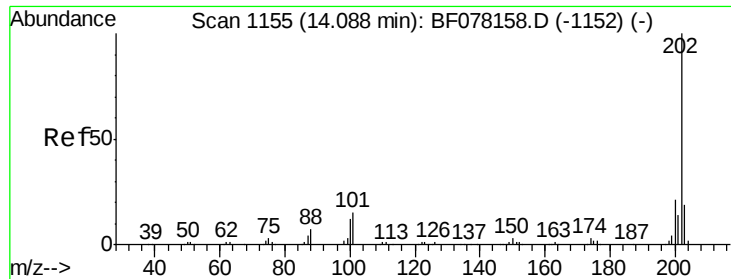
Tot Ion:167 Resp: 331329
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.8 25.2
 139 11.6 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 28.29 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:149 Resp: 382661
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 4.8 3.8 5.6

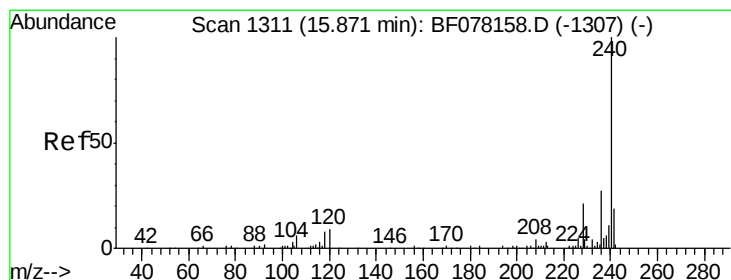
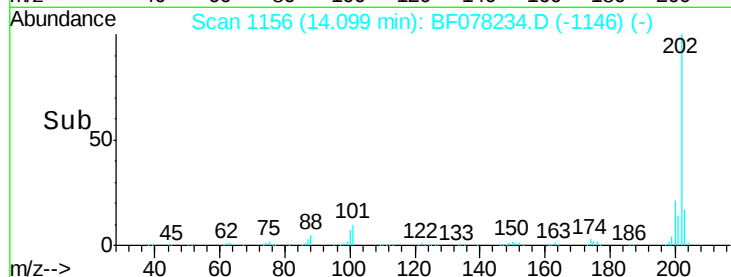
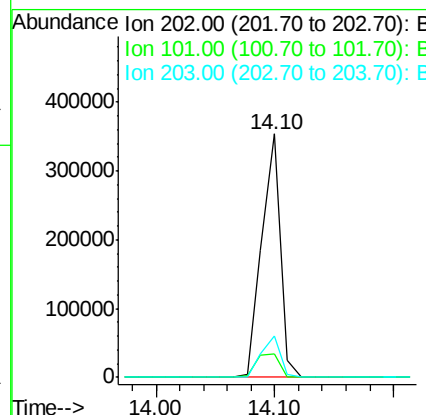
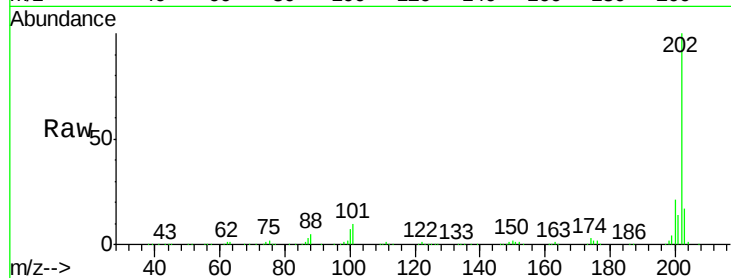




#74
 Fluoranthene
 Concen: 28.74 ng
 RT: 14.10 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

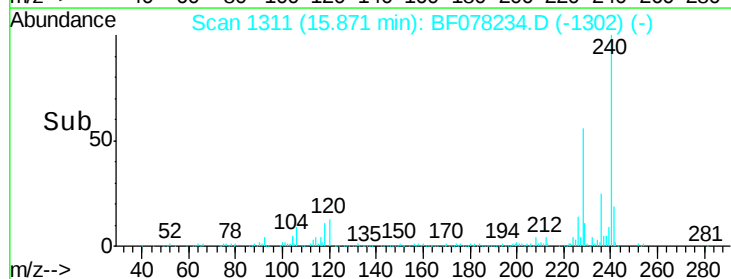
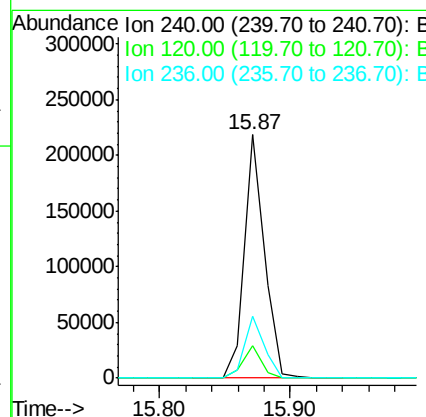
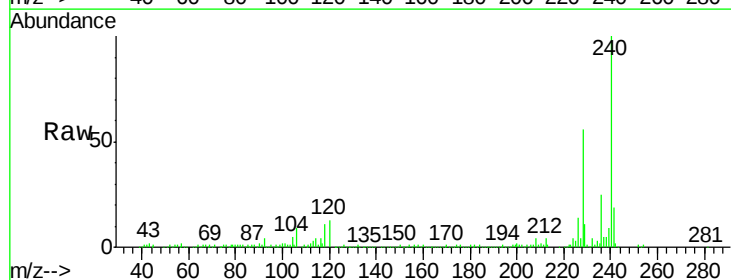
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

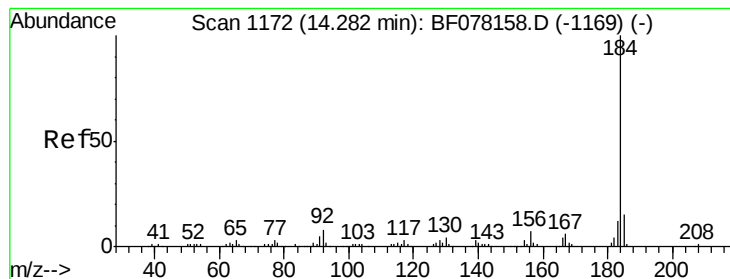
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	35.2
203	17.2	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	7.1	10.7#
236	25.2	21.4	32.2





#76

Benzidine

Concen: 16.42 ng

RT: 14.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

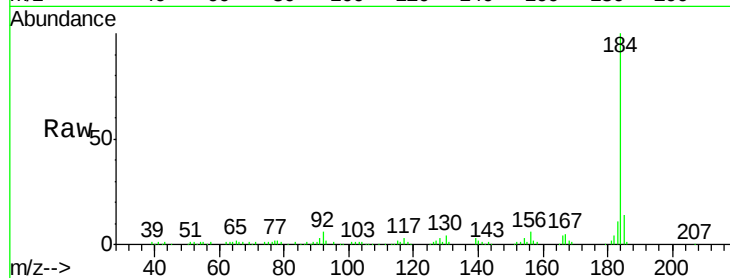
Tot Ion:184 Resp: 146539

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

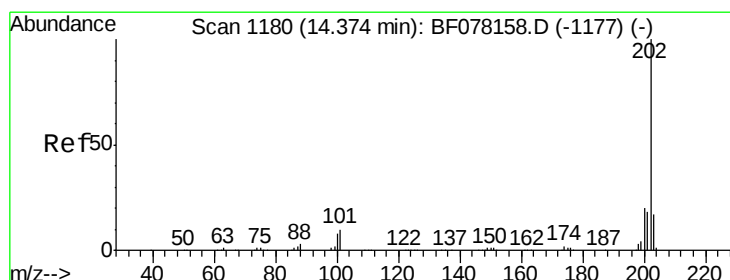
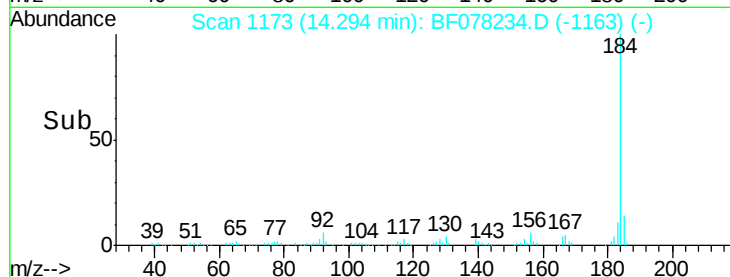
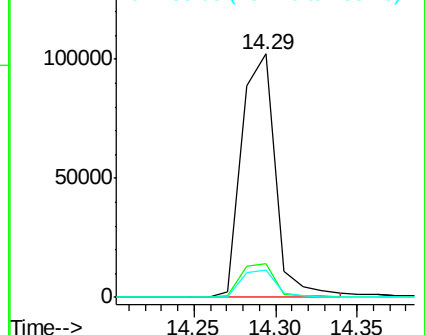
183 11.2 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 27.06 ng

RT: 14.37 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

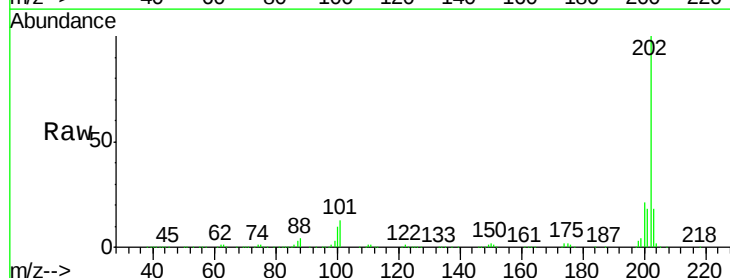
Tgt Ion:202 Resp: 393769

Ion Ratio Lower Upper

202 100

200 21.1 16.3 24.5

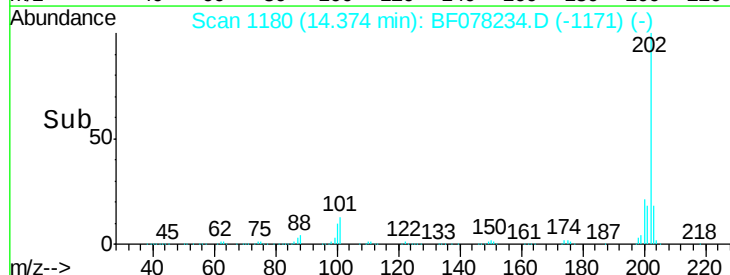
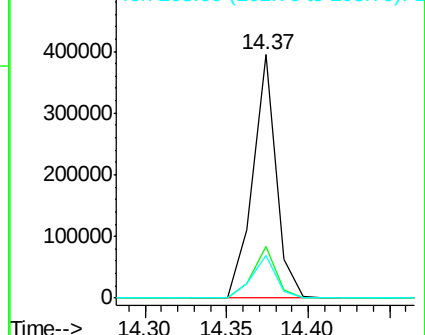
203 17.5 13.8 20.6

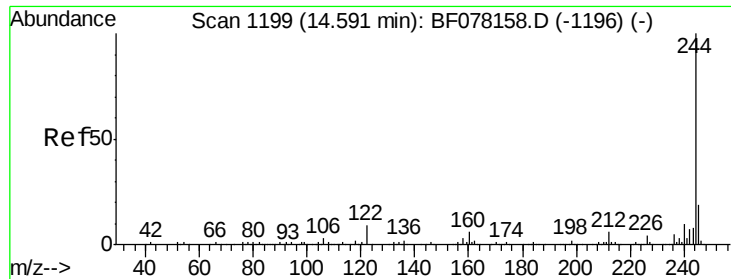


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 44.96 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

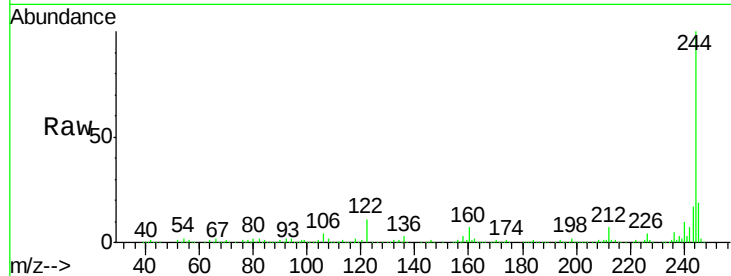
Tot Ion:244 Resp: 461157

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

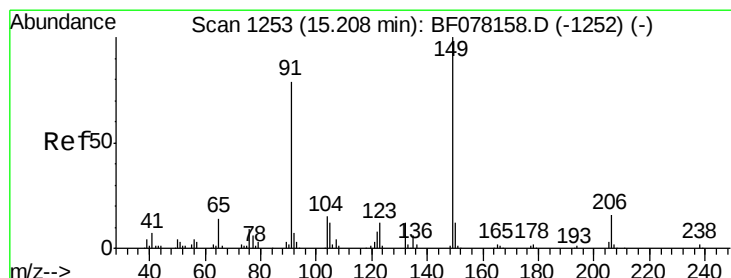
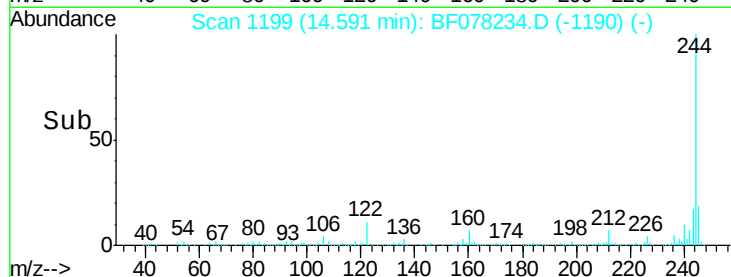
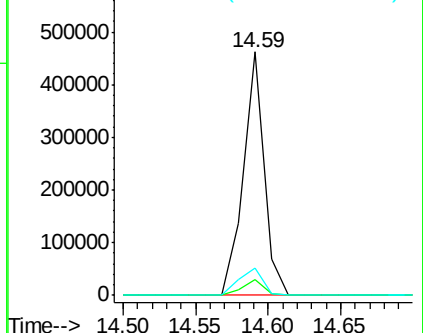
122 11.0 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.13 ng

RT: 15.22 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

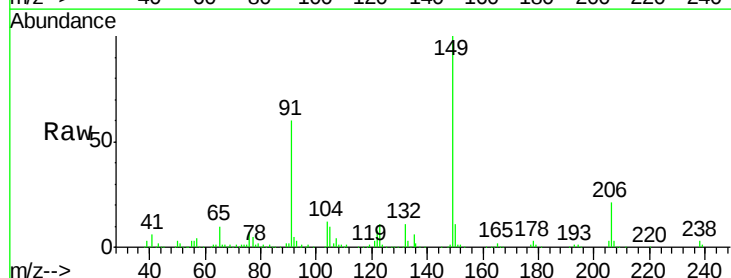
Tgt Ion:149 Resp: 183715

Ion Ratio Lower Upper

149 100

91 59.7 64.2 96.2#

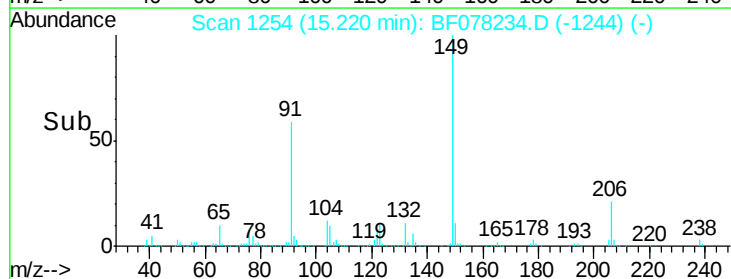
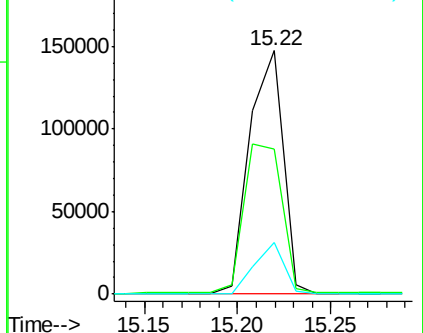
206 21.0 12.6 18.8#

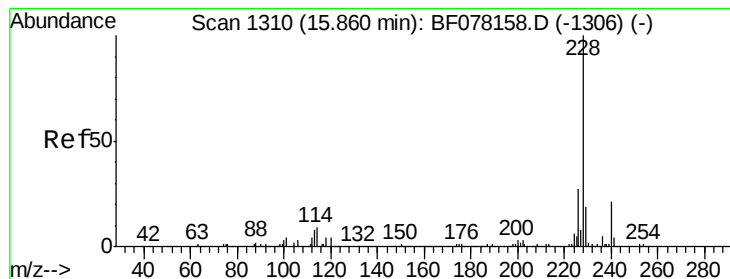


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 26.61 ng

RT: 15.86 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

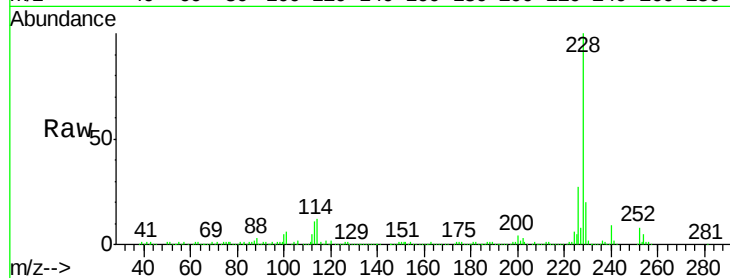
Tot Ion:228 Resp: 366930

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

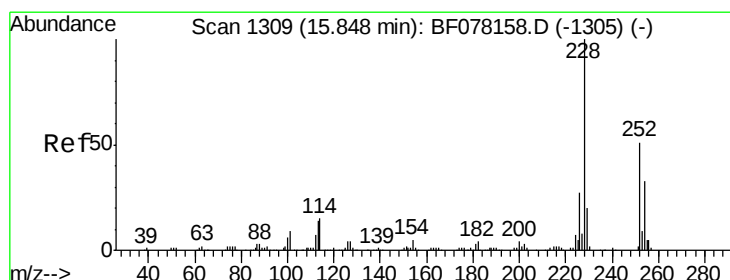
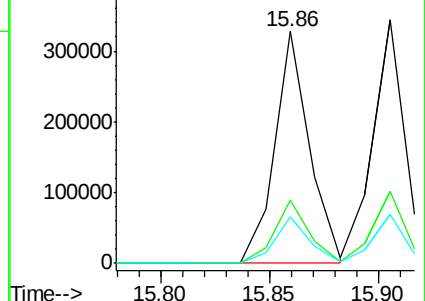
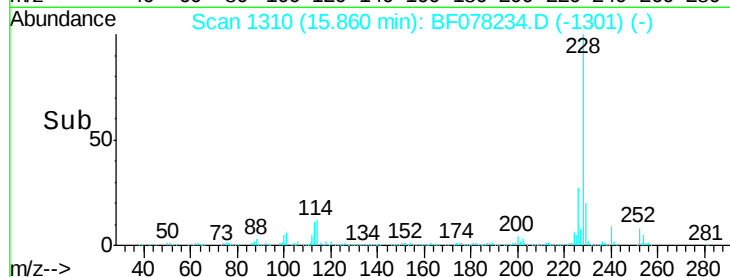
229 19.9 15.4 23.2



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: 25.77 ng

RT: 15.85 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

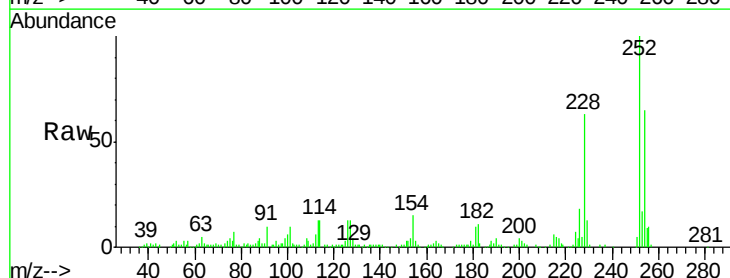
Tgt Ion:252 Resp: 119023

Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

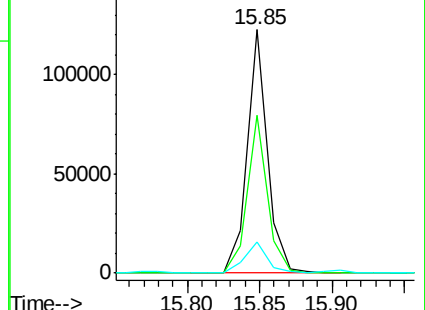
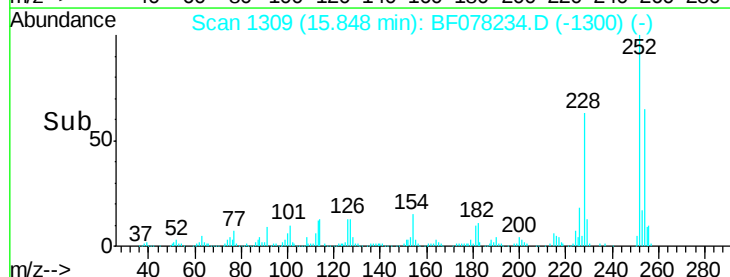
126 12.8 6.3 9.5#

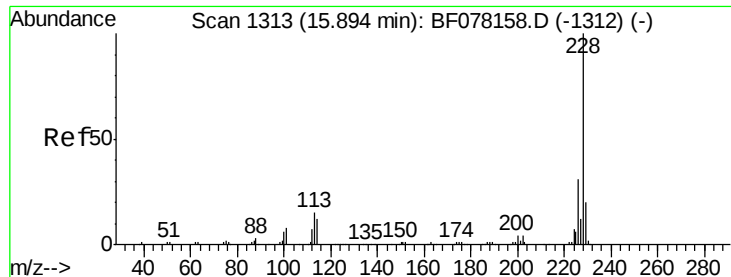


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

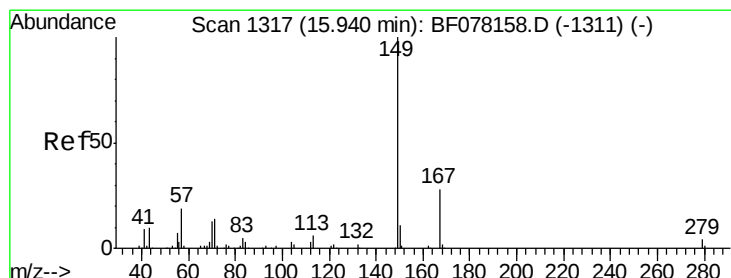
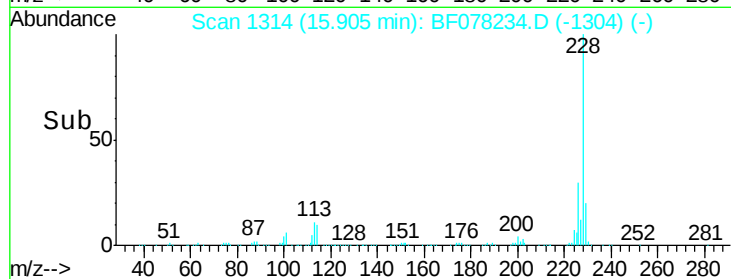
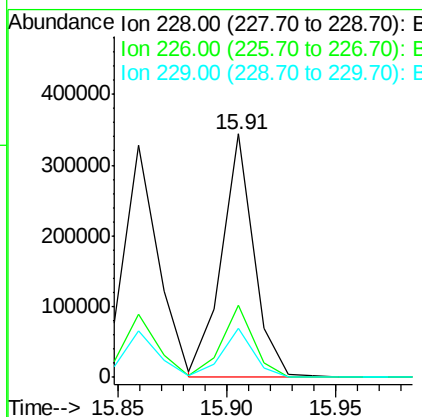
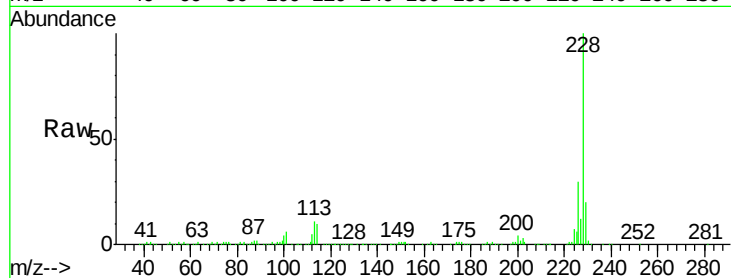




#82
 Chrysene
 Concen: 27.01 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

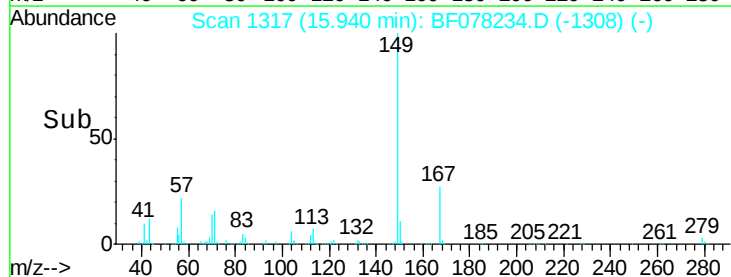
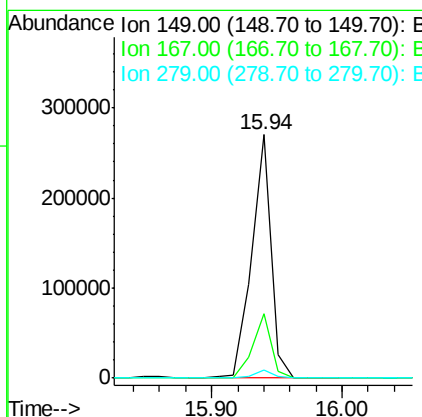
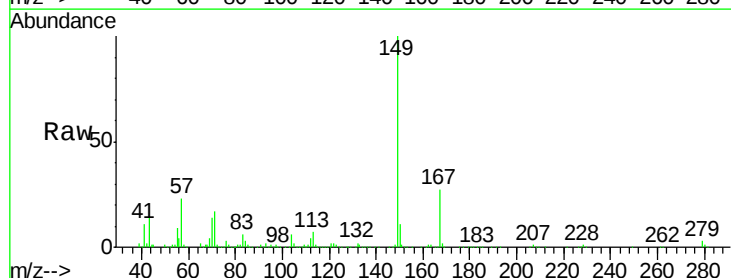
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

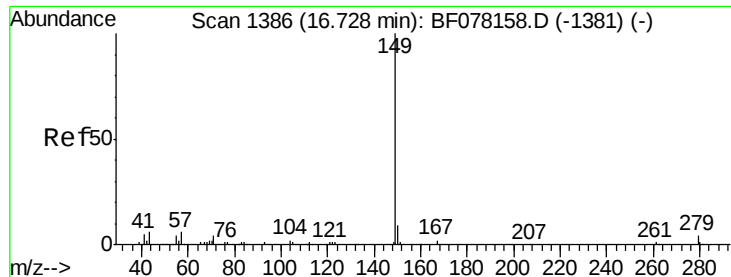
Tot Ion:228 Resp: 349965
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.4
 229 19.9 15.8 23.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.76 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:149 Resp: 276261
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.2 33.2
 279 3.3 3.2 4.8

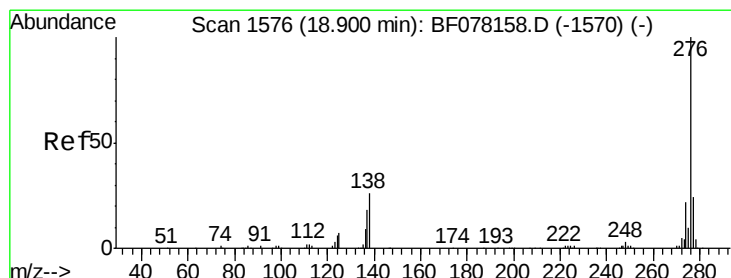
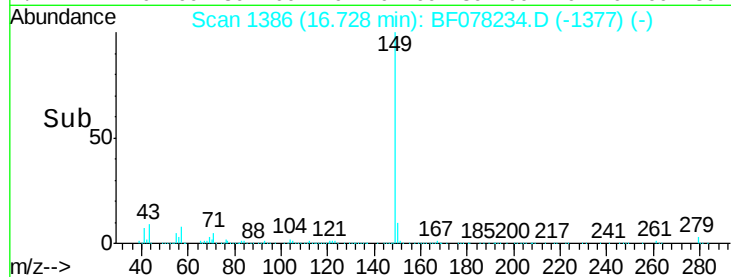
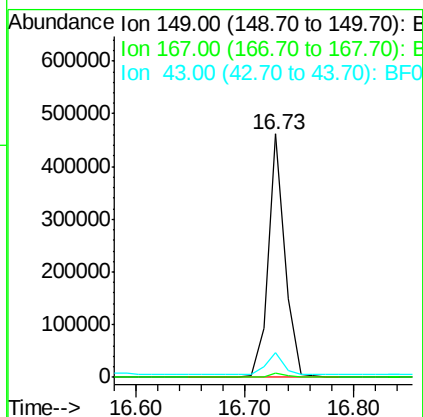
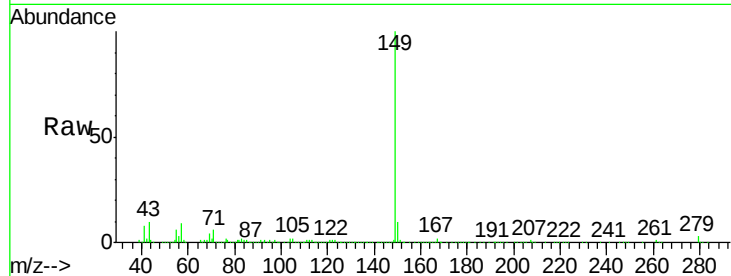




#84
Di-n-octyl phthalate
Concen: 34.17 ng
RT: 16.73 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

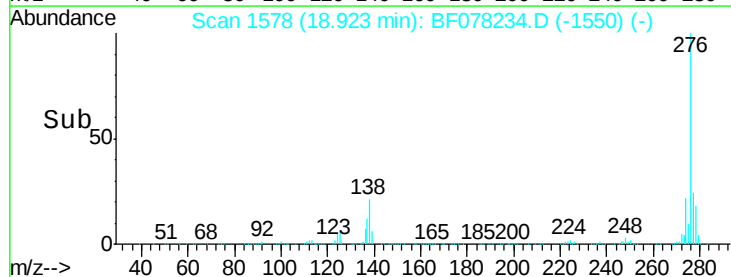
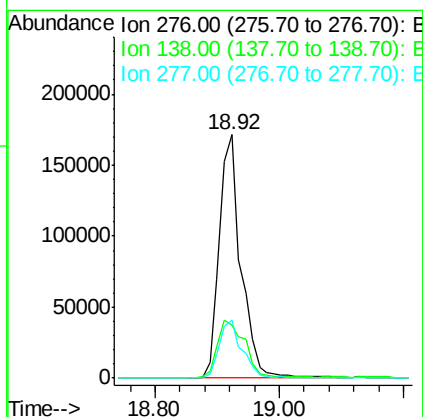
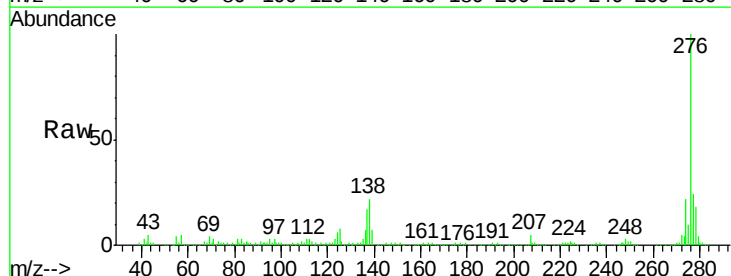
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

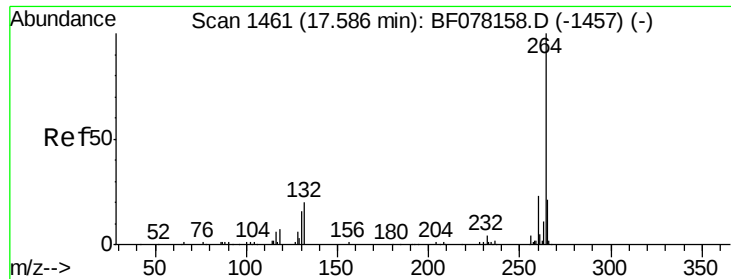
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.6	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 28.03 ng
RT: 18.92 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	16.9	25.3#
277	25.4	15.8	23.6#

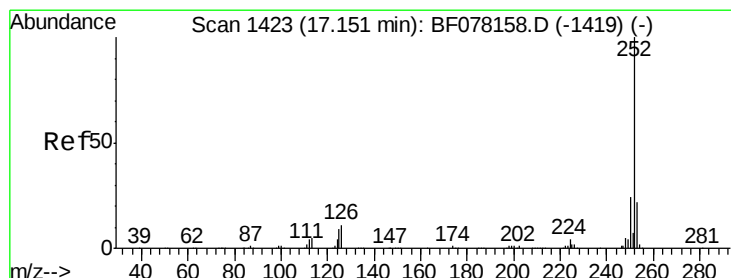
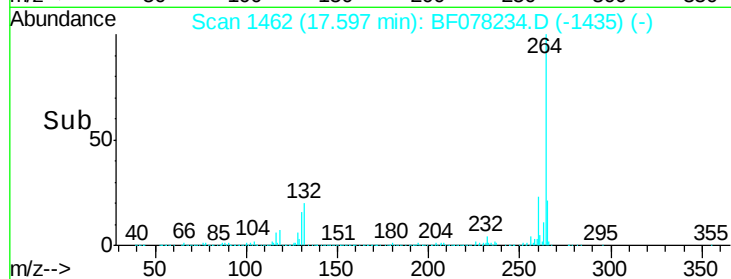
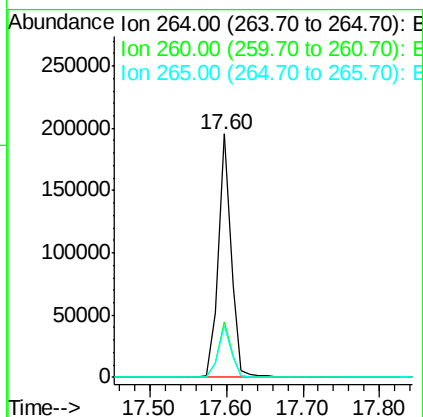
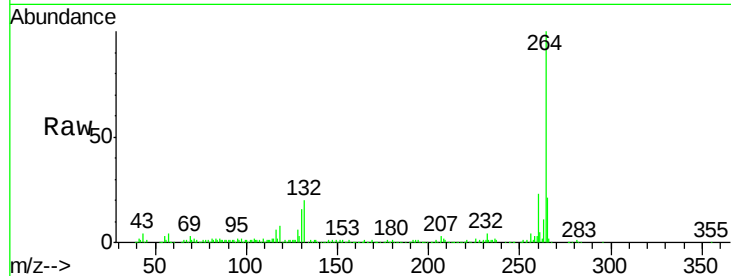




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

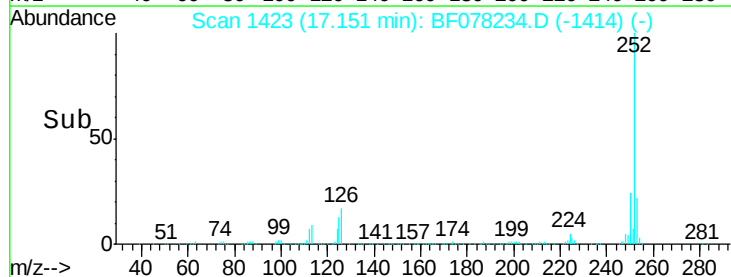
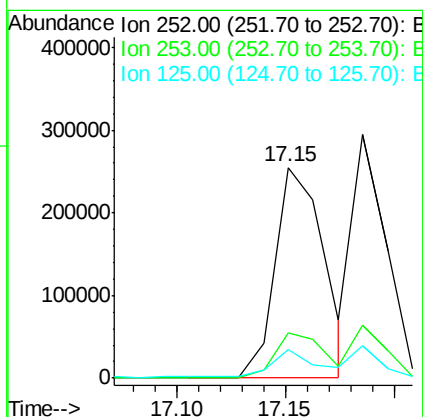
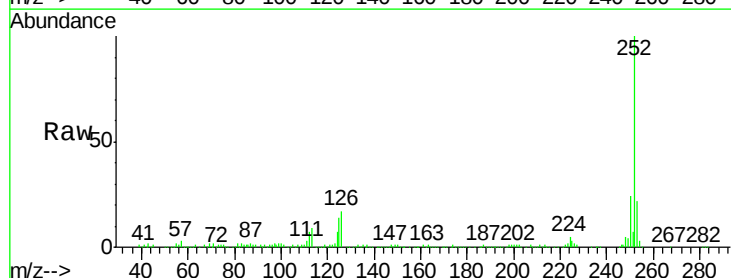
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

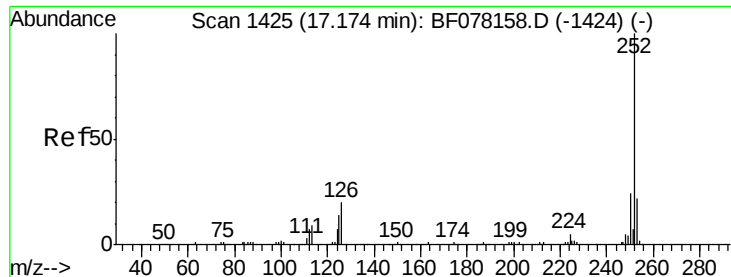
Tot Ion:264 Resp: 231297
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.4 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 27.99 ng
RT: 17.15 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:252 Resp: 400075
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 13.8 7.0 10.4#

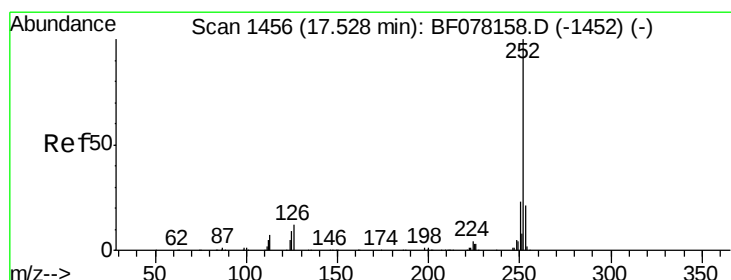
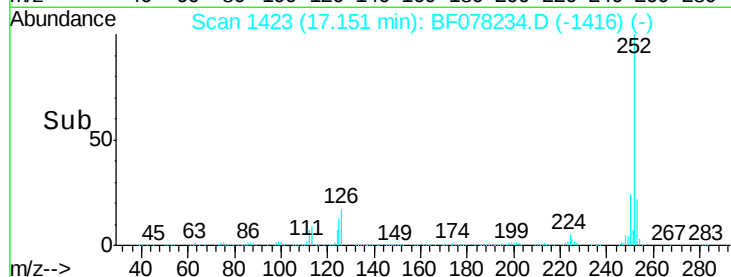
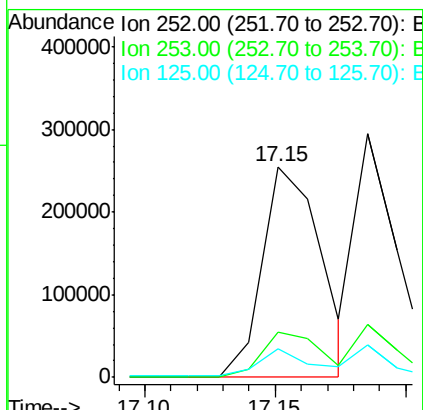
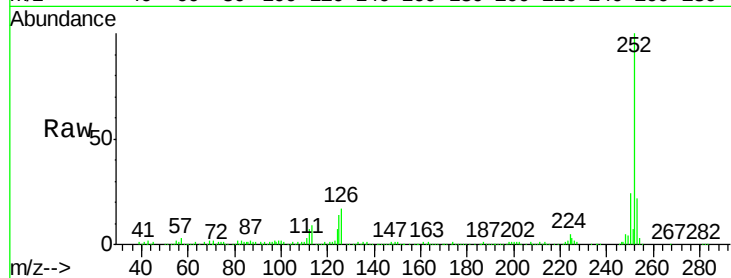




#88
Benzo(k)fluoranthene
Concen: 31.49 ng
RT: 17.15 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

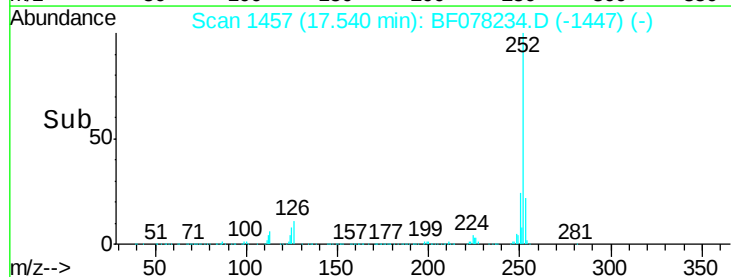
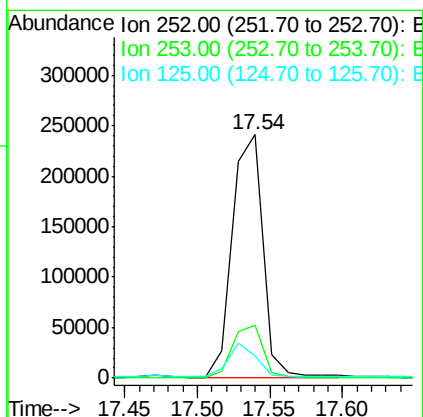
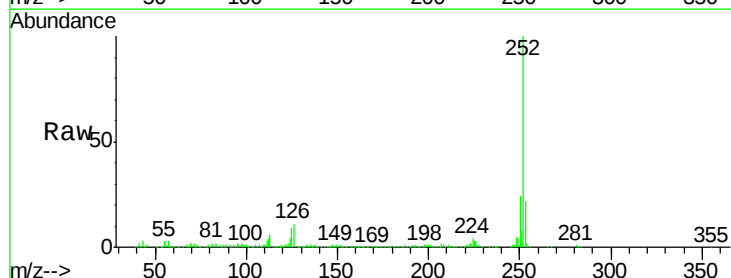
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

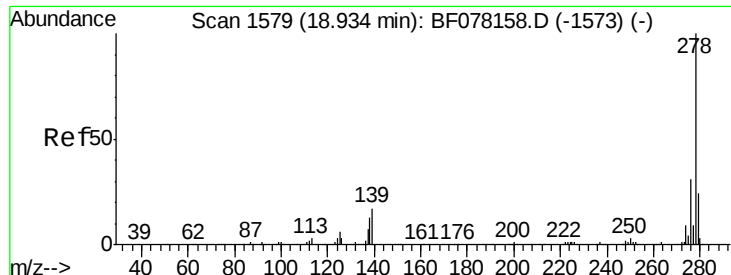
Tot Ion:252 Resp: 400055
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.8 11.6 17.4



#89
Benzo(a)pyrene
Concen: 28.34 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:252 Resp: 353568
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 9.1 7.4 11.0

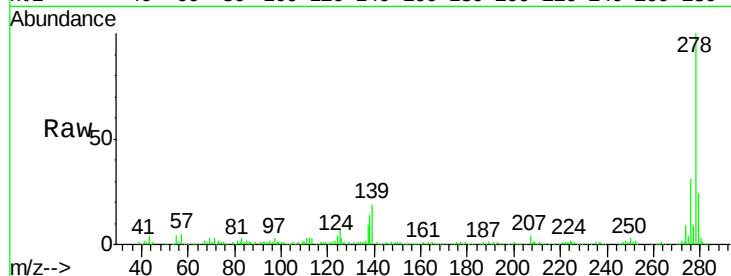




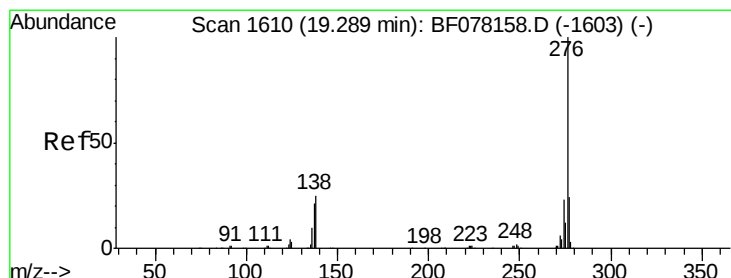
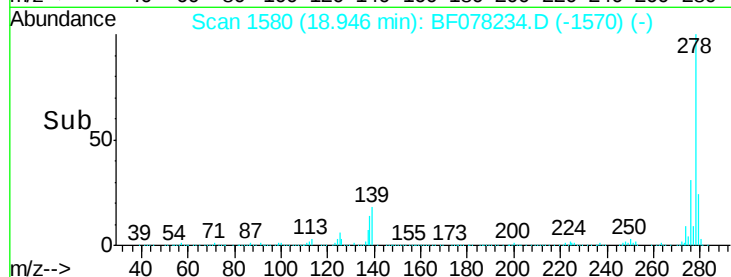
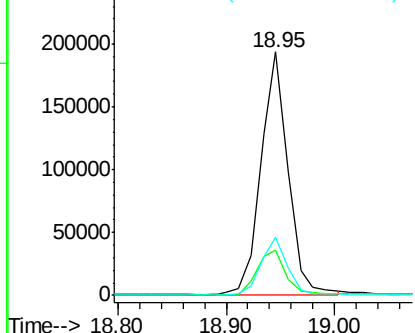
#90
Dibenzo(a,h)anthracene
Concen: 27.13 ng
RT: 18.95 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:278 Resp: 338891
Ion Ratio Lower Upper
278 100
139 18.8 13.6 20.4
279 24.1 19.0 28.6

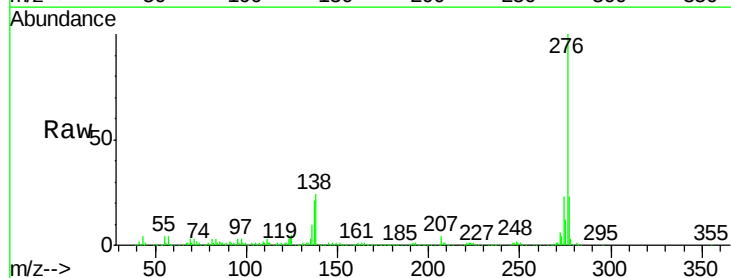


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 27.28 ng
RT: 19.30 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:276 Resp: 341620
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 24.2 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

