

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078806.D
 Acq On : 29 Apr 2015 10:51
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 14:35:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76885	20.00	ng	-0.01
21) Naphthalene-d8	8.96	136	324339	20.00	ng	-0.01
38) Acenaphthene-d10	11.14	164	156574	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	282025	20.00	ng	-0.01
75) Chrysene-d12	16.30	240	292328	20.00	ng	-0.01
86) Perylene-d12	18.08	264	288834	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	352110	84.11	ng	0.00
7) Phenol-d6	6.92	99	467727	83.66	ng	-0.01
23) Nitrobenzene-d5	8.07	82	418132	92.82	ng	-0.01
41) 2,4,6-Tribromophenol	12.13	330	124254	81.85	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	872731	76.33	ng	-0.01
78) Terphenyl-d14	14.98	244	932395	75.96	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	80489	41.91	ng	# 21
3) Pyridine	3.12	79	244425	43.10	ng	98
4) n-Nitrosodimethylamine	3.04	42	97353	38.21	ng	98
6) Aniline	6.97	93	334103	40.91	ng	97
8) 2-Chlorophenol	7.11	128	193968	40.31	ng	93
9) Benzaldehyde	6.83	77	165741	41.08	ng	94
10) Phenol	6.94	94	262740	39.76	ng	94
11) bis(2-Chloroethyl)ether	7.07	93	195532	40.01	ng	89
12) 1,3-Dichlorobenzene	7.31	146	215955	38.66	ng	# 90
13) 1,4-Dichlorobenzene	7.40	146	225926	39.50	ng	97
14) 1,2-Dichlorobenzene	7.59	146	216285	40.47	ng	98
15) Benzyl Alcohol	7.55	79	175109	42.03	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.74	45	299021	39.14	ng	99
17) 2-Methylphenol	7.69	107	158614	40.72	ng	95
18) Hexachloroethane	8.01	117	78434	41.52	ng	90
19) n-Nitroso-di-n-propylamine	7.90	70	166524	42.69	ng	# 87
20) 3+4-Methylphenols	7.88	107	218607	43.08	ng	# 87
22) Acetophenone	7.88	105	281145	39.13	ng	# 89
24) Nitrobenzene	8.09	77	208669	43.25	ng	96
25) Isophorone	8.40	82	412983	40.55	ng	# 91
26) 2-Nitrophenol	8.49	139	82622	57.82	ng	# 90
27) 2,4-Dimethylphenol	8.55	122	183461	40.61	ng	95
28) bis(2-Chloroethoxy)methane	8.67	93	259688	41.30	ng	99
29) 2,4-Dichlorophenol	8.78	162	157766	40.85	ng	94
30) 1,2,4-Trichlorobenzene	8.89	180	171486	38.67	ng	97
31) Naphthalene	8.99	128	590303	38.35	ng	97
32) Benzoic acid	8.63	122	86137	62.82	ng	96
33) 4-Chloroaniline	9.06	127	251710	38.85	ng	# 92
34) Hexachlorobutadiene	9.14	225	95121	38.02	ng	98
35) Caprolactam	9.47	113	50978	41.46	ng	# 86
36) 4-Chloro-3-methylphenol	9.66	107	172954	42.66	ng	87
37) 2-Methylnaphthalene	9.85	142	414624	40.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	170599	38.46	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	73016	39.15	ng	95

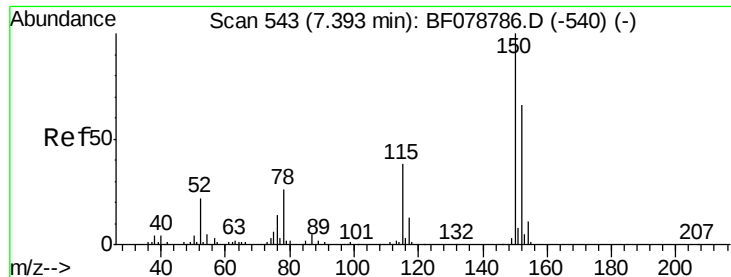
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	117120	43.33	nq	95
43) 2,4,5-Trichlorophenol	10.24	196	111129	38.63	nq #	90
45) 1,1'-Biphenyl	10.43	154	476719	37.94	nq	97
46) 2-Chloronaphthalene	10.46	162	364539	37.12	nq	94
47) 2-Nitroaniline	10.57	65	99218	46.26	nq #	85
48) Acenaphthylene	10.97	152	601032	37.40	nq	99
49) Dimethylphthalate	10.81	163	414995	37.28	nq	99
50) 2,6-Dinitrotoluene	10.89	165	78090	43.06	nq #	67
51) Acenaphthene	11.18	154	356338	37.76	nq	99
52) 3-Nitroaniline	11.08	138	102823	43.70	nq #	81
53) 2,4-Dinitrophenol	11.21	184	13293	48.91	nq #	69
54) Dibenzofuran	11.39	168	511241	36.93	nq	97
55) 4-Nitrophenol	11.28	139	77351	44.17	nq #	80
56) 2,4-Dinitrotoluene	11.38	165	102445	47.23	nq #	69
57) Fluorene	11.82	166	422730	38.20	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.54	232	93200	43.26	nq #	100
59) Diethylphthalate	11.69	149	420522	37.96	nq	96
60) 4-Chlorophenyl-phenylether	11.83	204	184895	37.55	nq	91
61) 4-Nitroaniline	11.84	138	101741	42.75	nq	96
62) Azobenzene	12.02	77	432313	38.28	nq	94
64) 4,6-Dinitro-2-methylphenol	11.89	198	24960	52.17	nq #	73
65) n-Nitrosodiphenylamine	11.98	169	376029	41.24	nq	98
66) 4-Bromophenyl-phenylether	12.43	248	113277	39.79	nq #	86
67) Hexachlorobenzene	12.50	284	128215	39.76	nq #	76
68) Atrazine	12.64	200	106472	43.60	nq	98
69) Pentachlorophenol	12.74	266	67498	48.75	nq	96
70) Phenanthrene	13.02	178	603663	39.53	nq	99
71) Anthracene	13.09	178	612990	41.06	nq	98
72) Carbazole	13.28	167	567916	40.28	nq	99
73) Di-n-butylphthalate	13.74	149	699034	42.80	nq #	97
74) Fluoranthene	14.50	202	640482	42.06	nq	92
76) Benzidine	14.67	184	306719	32.41	nq	99
77) Pyrene	14.78	202	658347	38.54	nq	99
79) Butylbenzylphthalate	15.60	149	285737	43.63	nq	97
80) Benzo(a)anthracene	16.29	228	619827	39.52	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	222705	41.72	nq #	97
82) Chrysene	16.33	228	587852	38.45	nq	100
83) Bis(2-ethylhexyl)phthalate	16.33	149	431195	41.01	nq #	96
84) Di-n-octyl phthalate	17.15	149	708968	42.48	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.61	276	746555	43.04	nq #	100
87) Benzo(b)fluoranthene	17.62	252	612128	39.15	nq #	95
88) Benzo(k)fluoranthene	17.66	252	613524	40.49	nq #	95
89) Benzo(a)pyrene	18.01	252	577775	41.30	nq #	96
90) Dibenzo(a,h)anthracene	19.65	278	595396	41.10	nq	99
91) Benzo(g,h,i)perylene	20.07	276	604822	41.59	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF078806.D

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ClientSampleId :

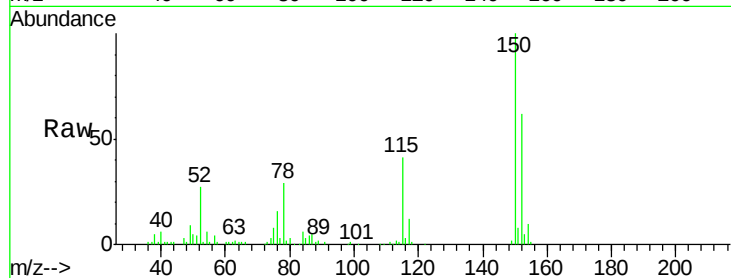
Tot Ion:152 Resp: 76885

Ion Ratio Lower Upper

152 100

150 161.0 122.0 183.0

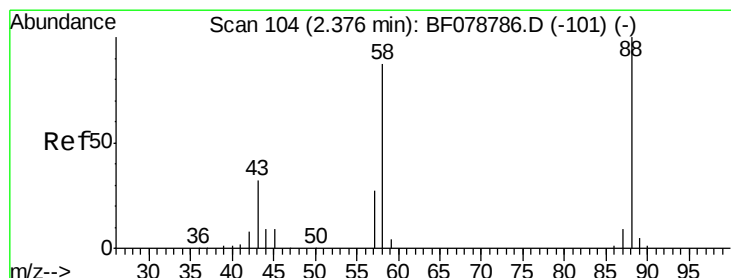
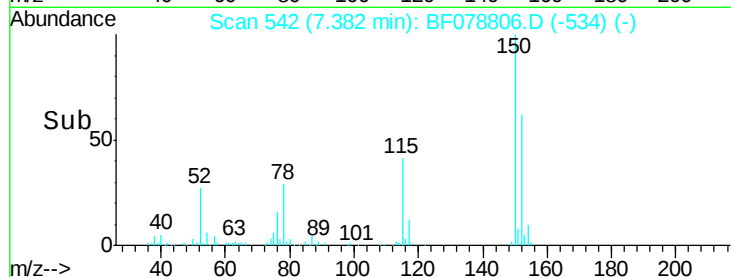
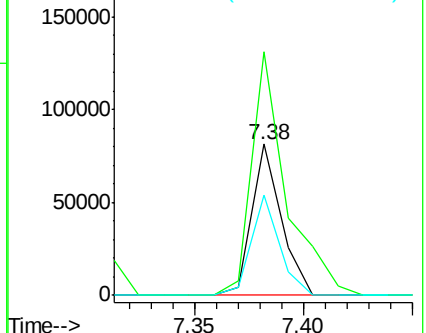
115 66.3 46.3 69.5



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: 41.91 ng

RT: 2.36 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

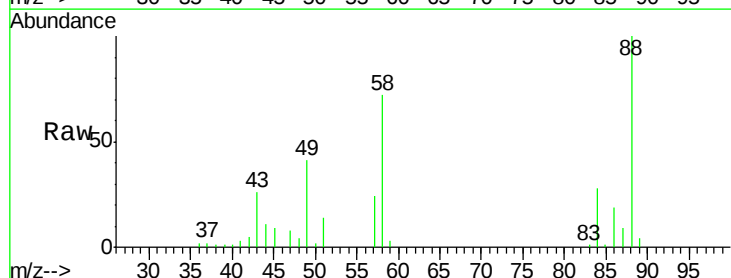
Tgt Ion: 88 Resp: 80489

Ion Ratio Lower Upper

88 100

58 80.7 0.0 0.0#

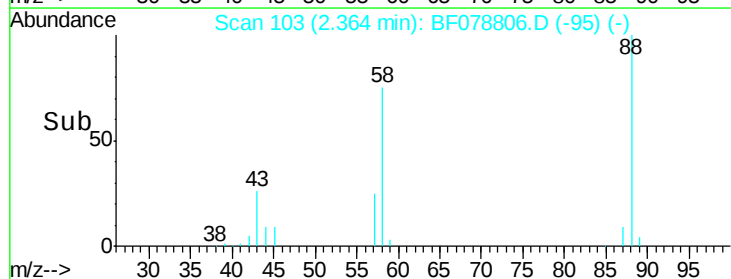
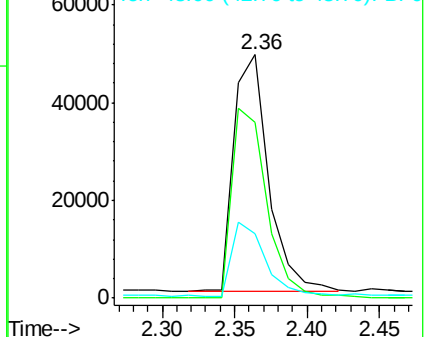
43 30.0 3.3 4.9#

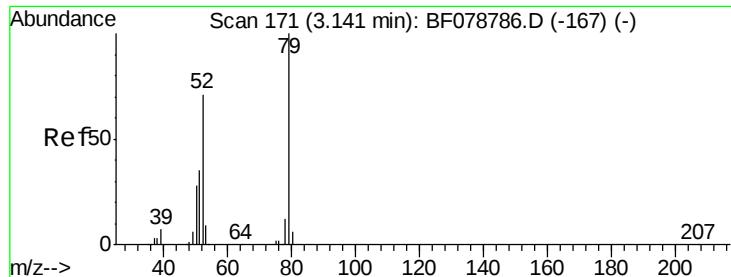


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.10 ng

RT: 3.12 min Scan# 169

Delta R.T. -0.02 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

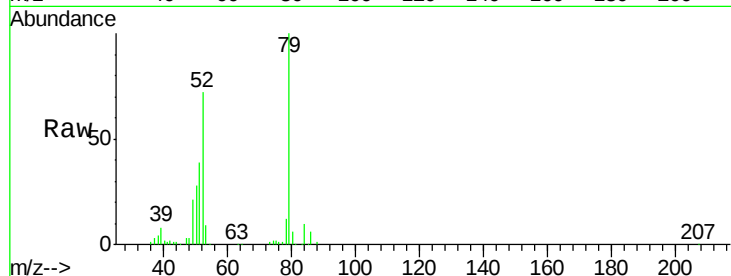
Tot Ion: 79 Resp: 244425

Ion Ratio Lower Upper

79 100

52 72.3 57.2 85.8

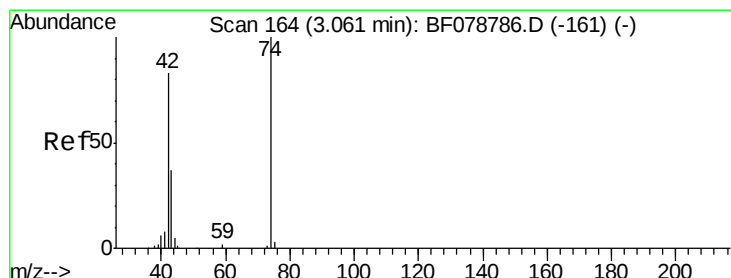
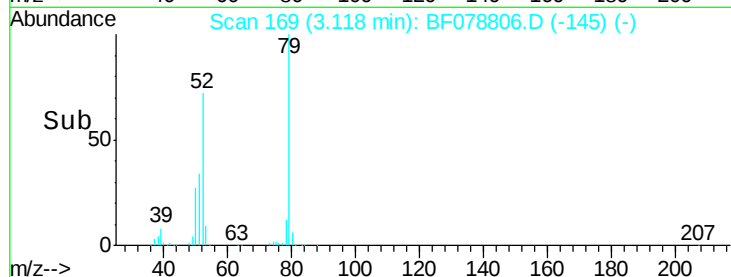
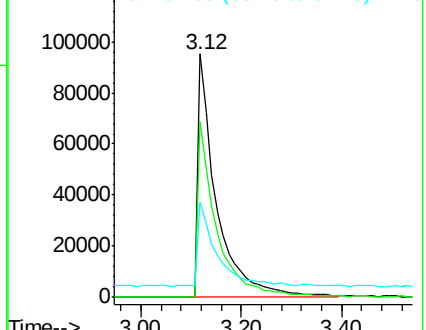
51 39.0 28.9 43.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.21 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.02 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

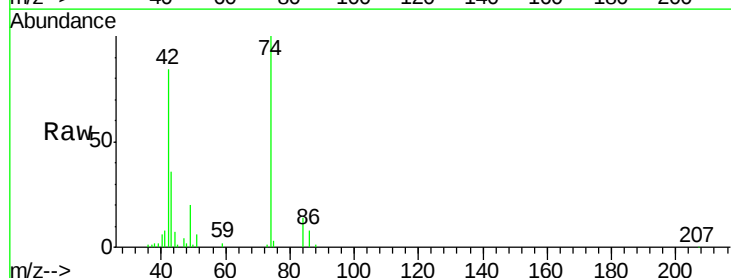
Tgt Ion: 42 Resp: 97353

Ion Ratio Lower Upper

42 100

74 119.1 96.5 144.7

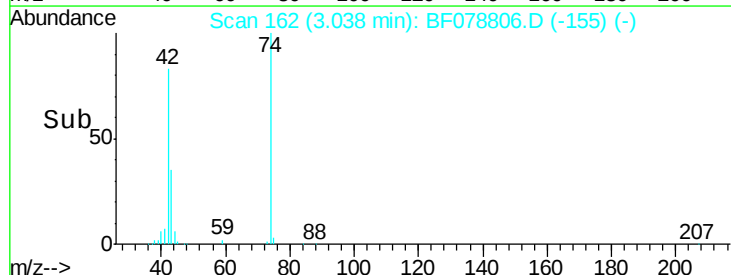
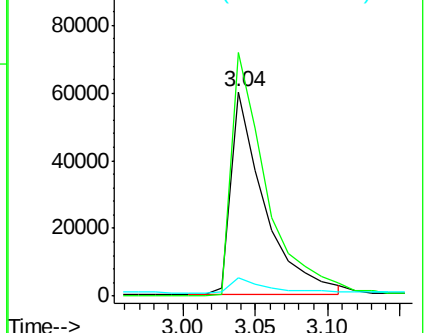
44 8.9 6.1 9.1

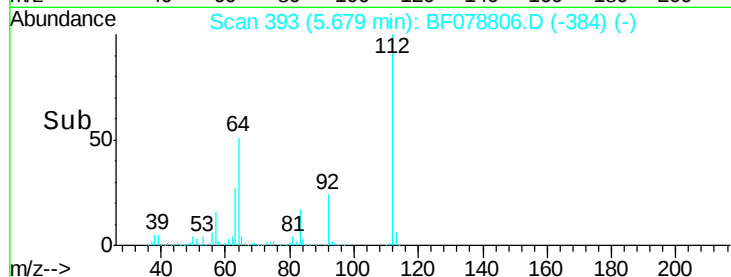
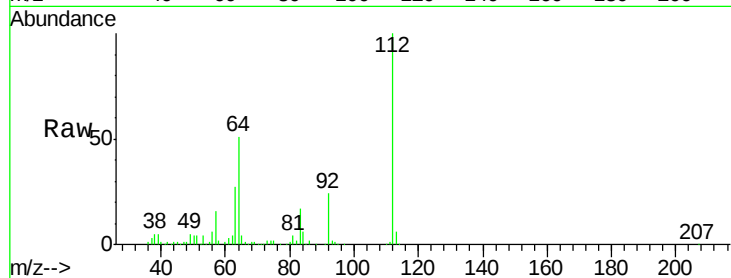
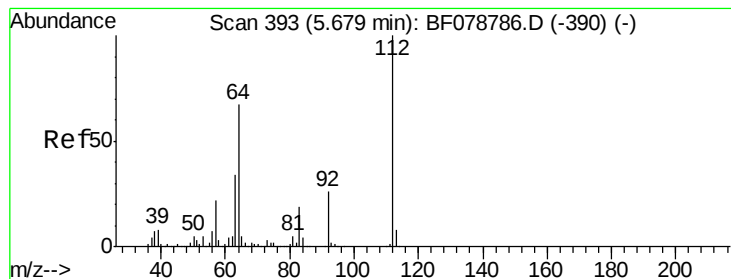


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.11 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

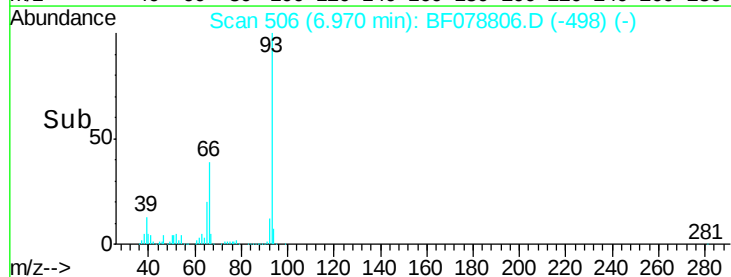
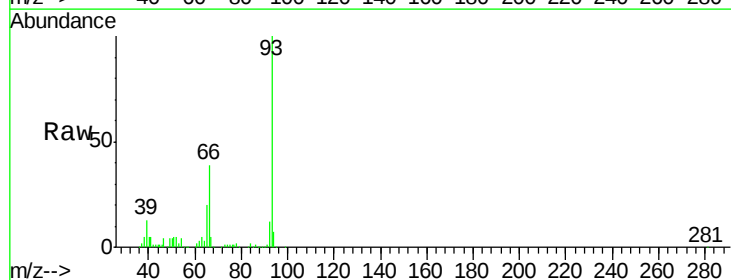
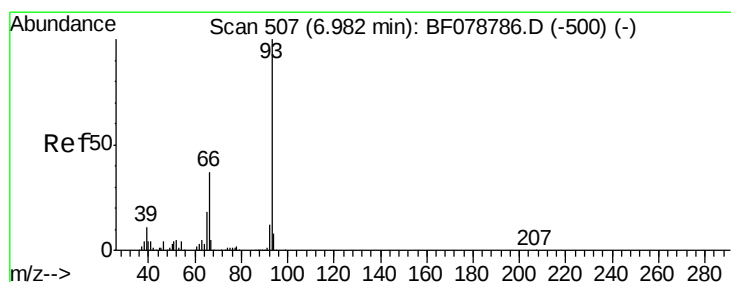
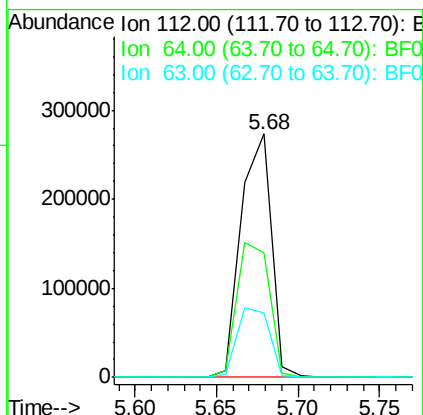
Tot Ion:112 Resp: 352110

Ion Ratio Lower Upper

112 100

64 51.2 53.5 80.3#

63 26.7 27.5 41.3#



#6

Aniline

Concen: 40.91 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

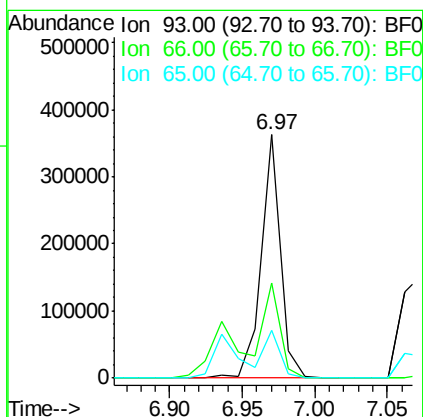
Tgt Ion: 93 Resp: 334103

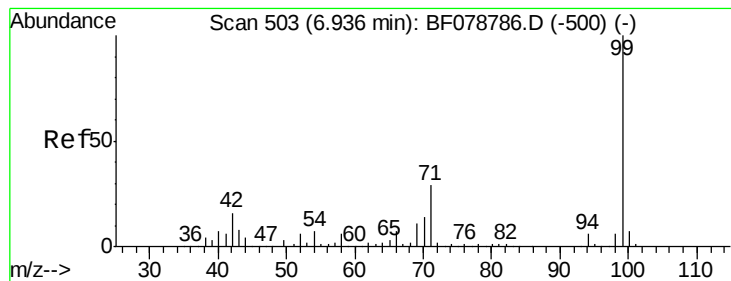
Ion Ratio Lower Upper

93 100

66 39.2 29.7 44.5

65 19.6 14.6 22.0





#7

Phenol-d6

Concen: 83.66 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

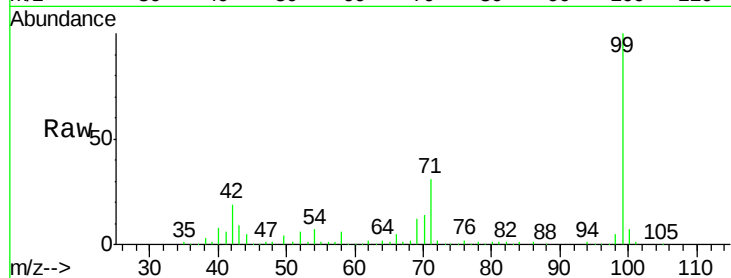
Tot Ion: 99 Resp: 467727

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

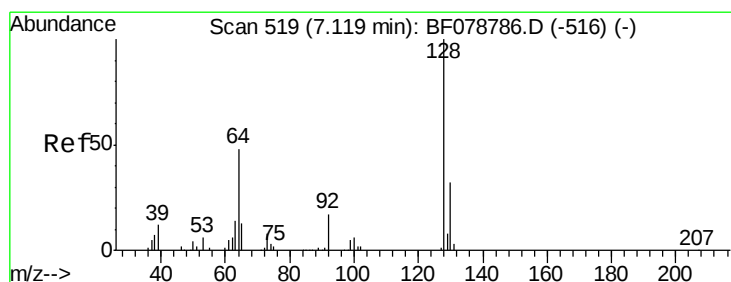
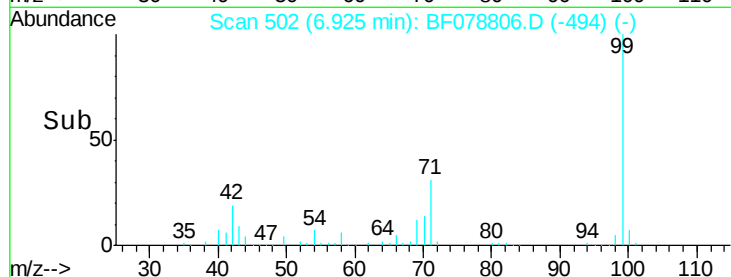
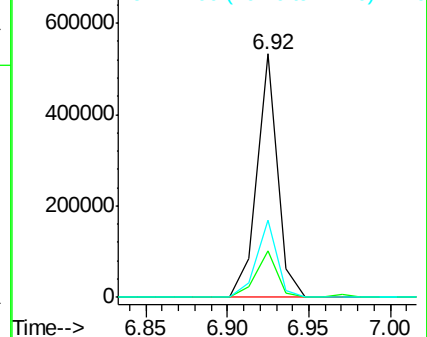
71 31.5 23.4 35.2



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: 40.31 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

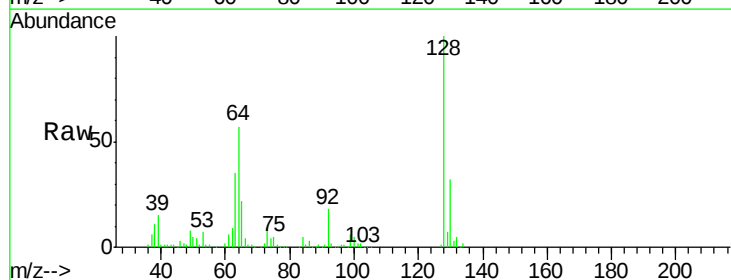
Tgt Ion: 128 Resp: 193968

Ion Ratio Lower Upper

128 100

130 31.9 12.1 52.1

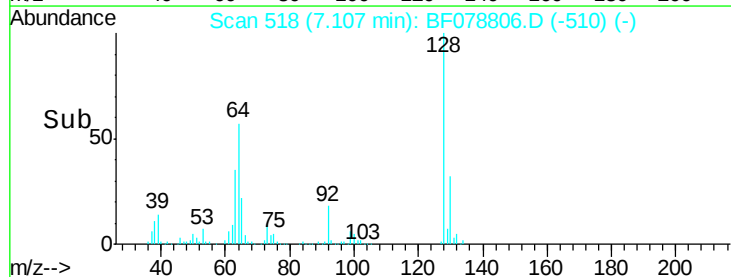
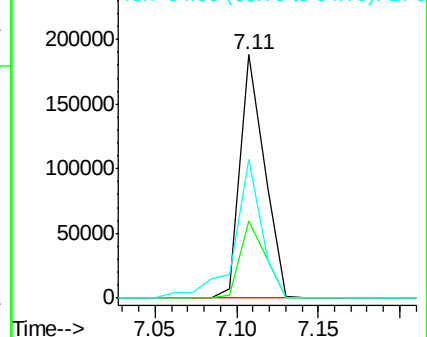
64 57.0 29.6 69.6

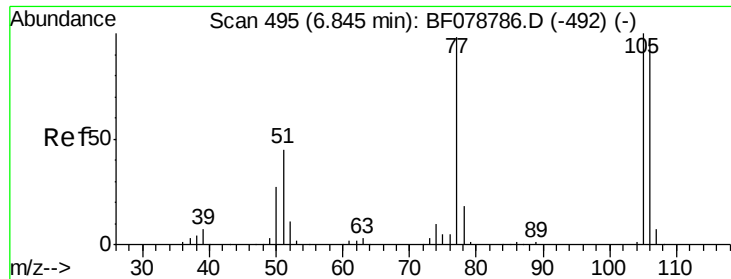


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

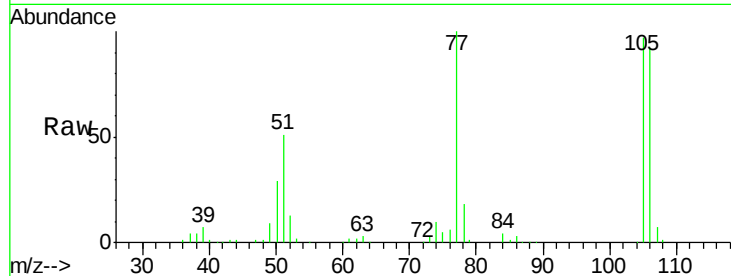




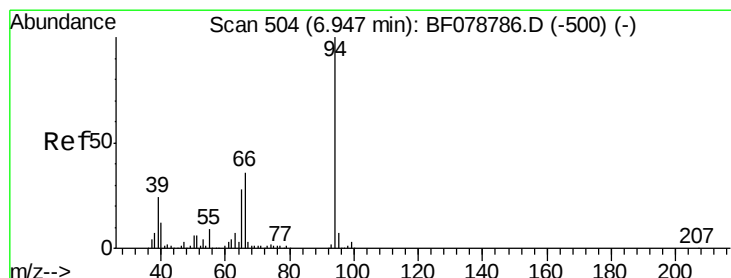
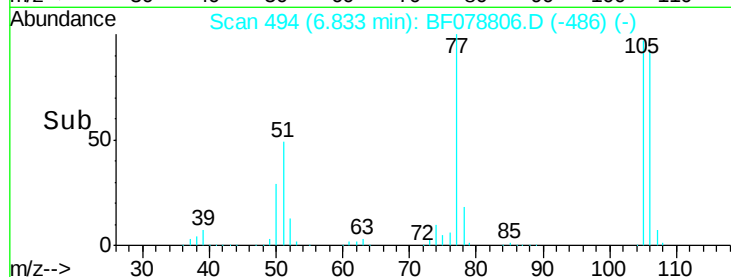
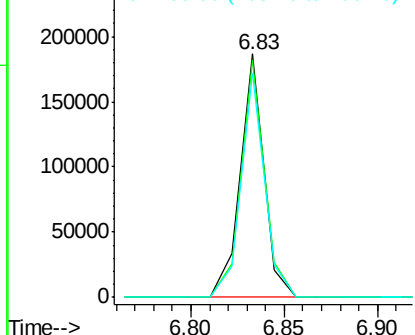
#9
Benzaldehyde
Concen: 41.08 ng
RT: 6.83 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 165741
Ion Ratio Lower Upper
77 100
105 97.3 81.7 121.7
106 92.3 79.0 119.0

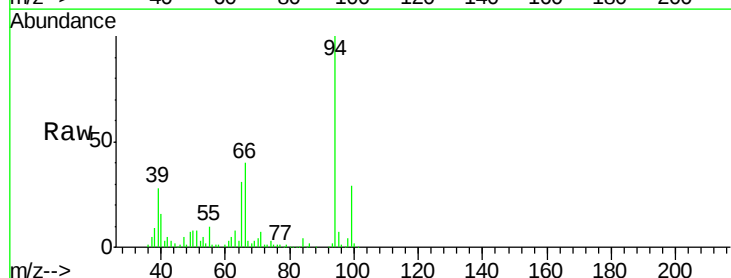


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

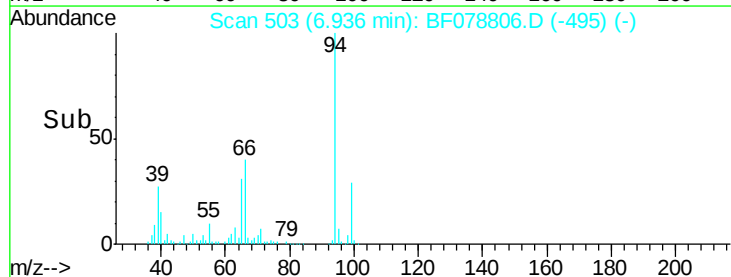
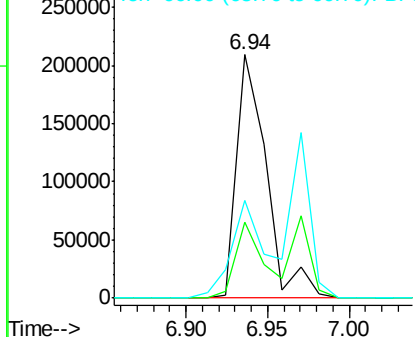


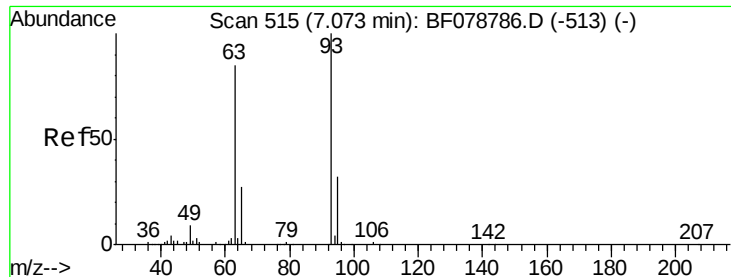
#10
Phenol
Concen: 39.76 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion: 94 Resp: 262740
Ion Ratio Lower Upper
94 100
65 31.1 8.5 48.5
66 40.1 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.01 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampled :

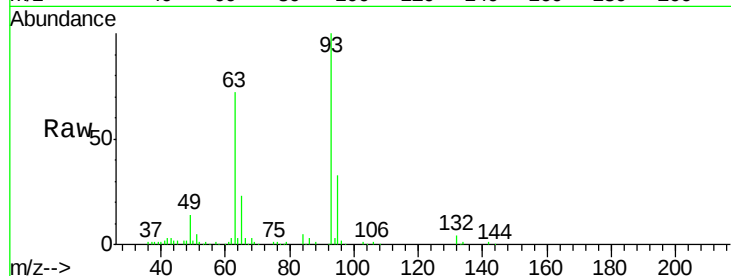
Tot Ion: 93 Resp: 195532

Ion Ratio Lower Upper

93 100

63 71.7 64.8 104.8

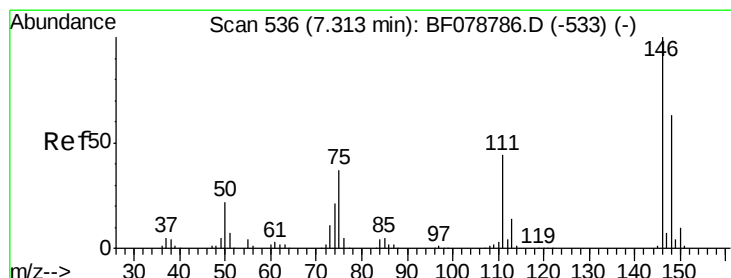
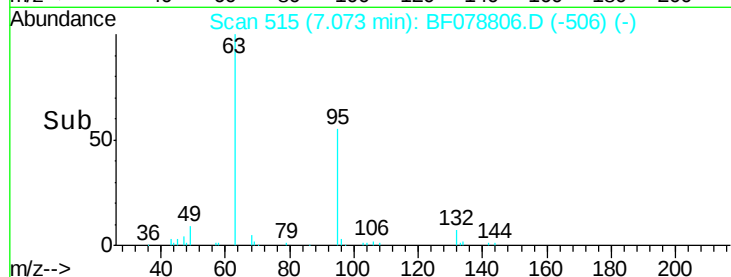
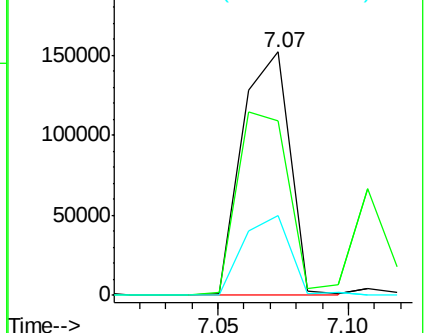
95 33.0 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.66 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

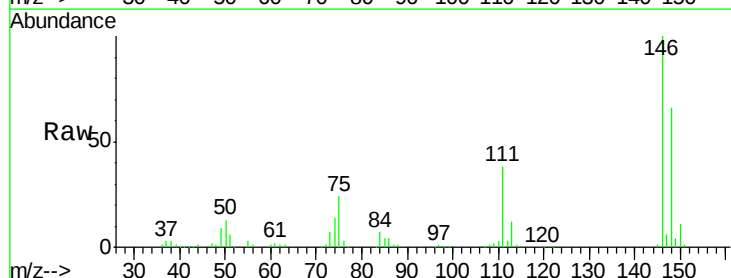
Tgt Ion: 146 Resp: 215955

Ion Ratio Lower Upper

146 100

148 65.7 50.2 75.2

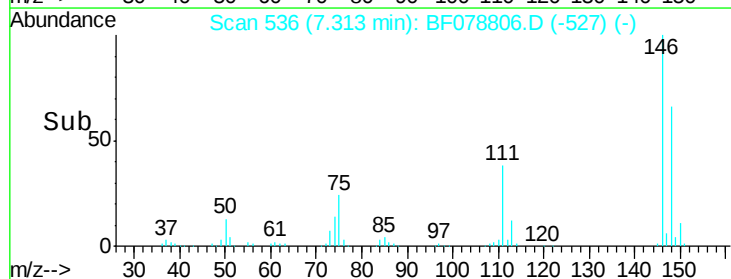
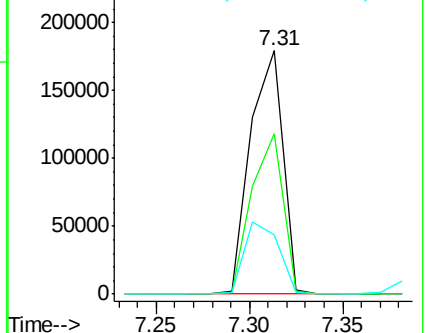
75 24.4 29.2 43.8#

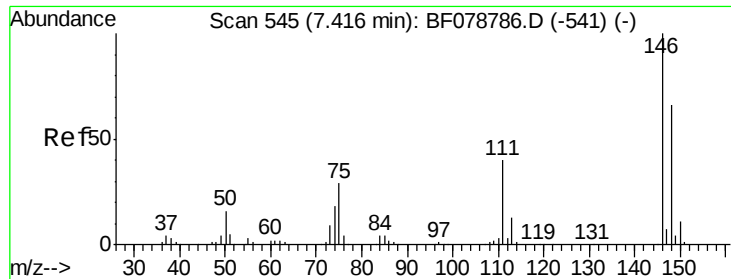


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

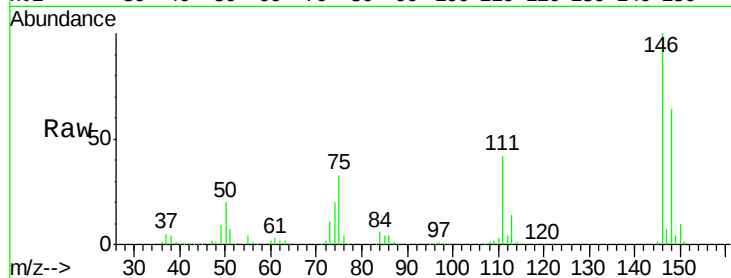




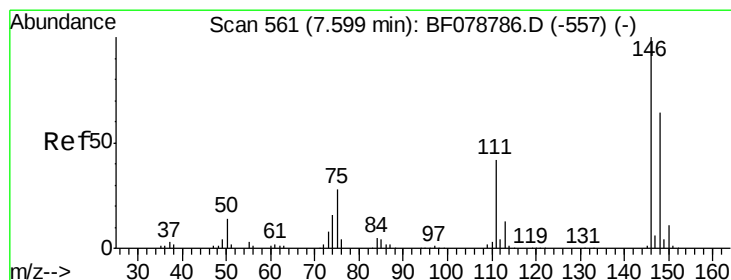
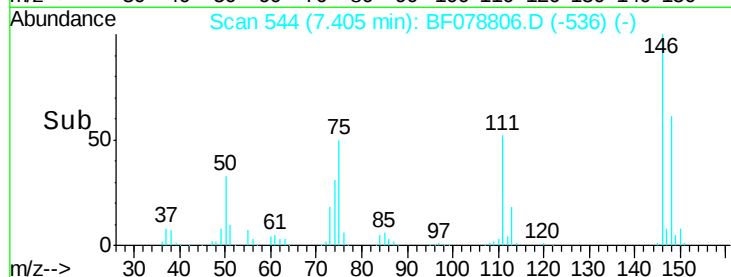
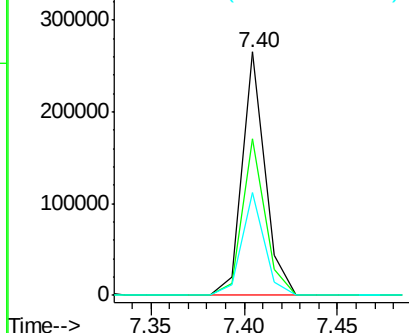
#13
 1,4-Dichlorobenzene
 Concen: 39.50 ng
 RT: 7.40 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 225926
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 42.4 31.7 47.5

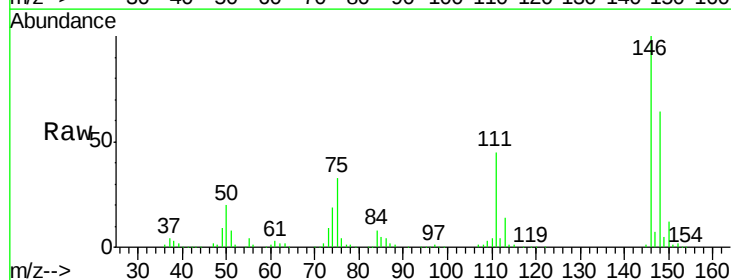


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

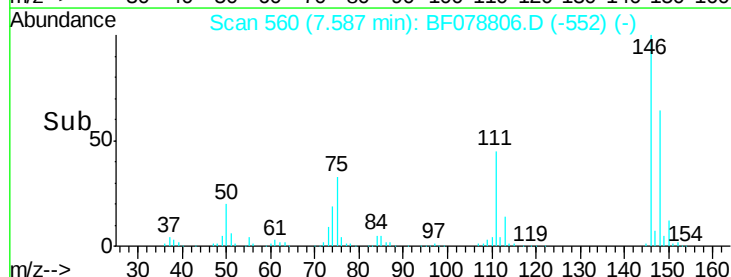
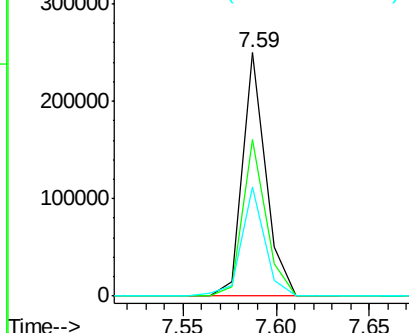


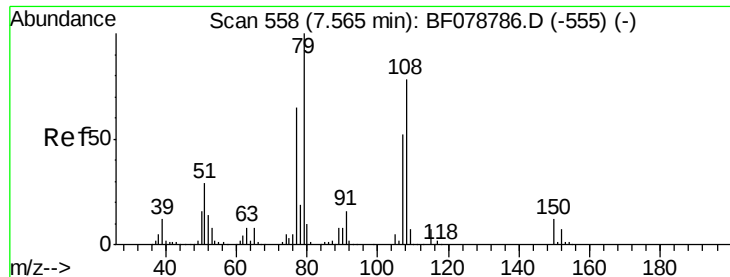
#14
 1,2-Dichlorobenzene
 Concen: 40.47 ng
 RT: 7.59 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion:146 Resp: 216285
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 44.9 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 42.03 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

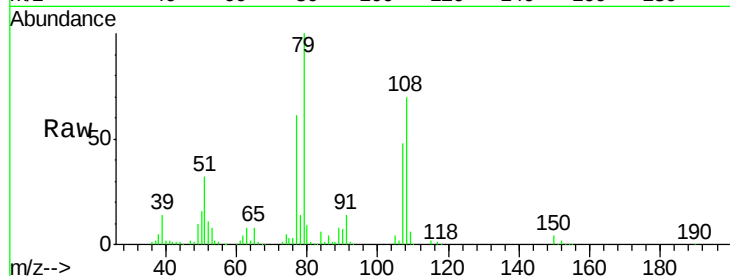
Tot Ion: 79 Resp: 175109

Ion Ratio Lower Upper

79 100

108 70.0 62.5 93.7

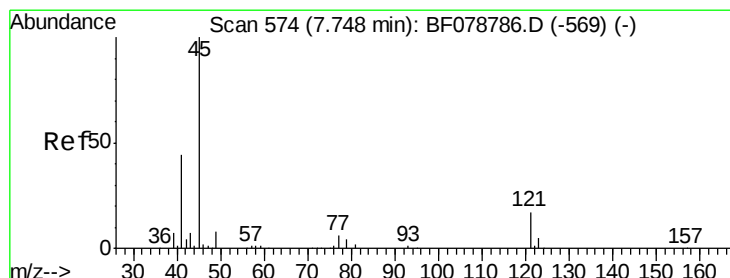
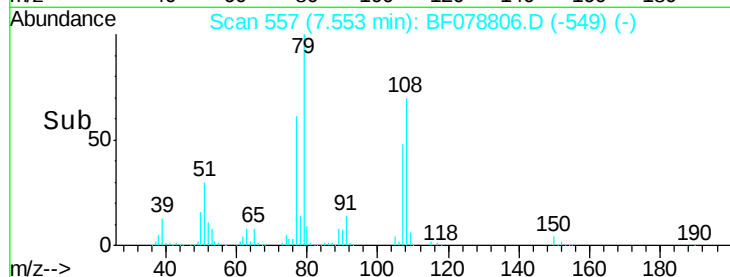
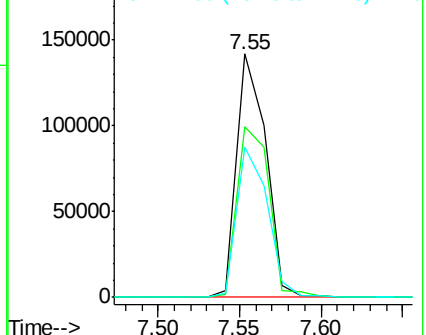
77 61.5 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.14 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

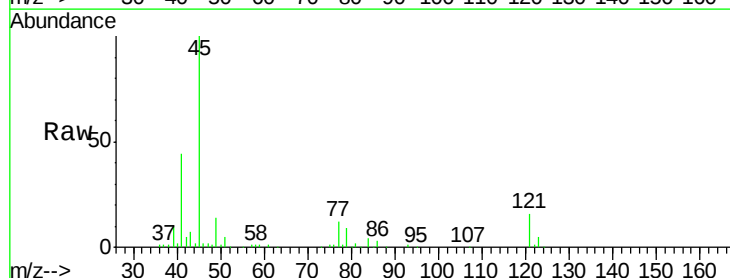
Tgt Ion: 45 Resp: 299021

Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.3

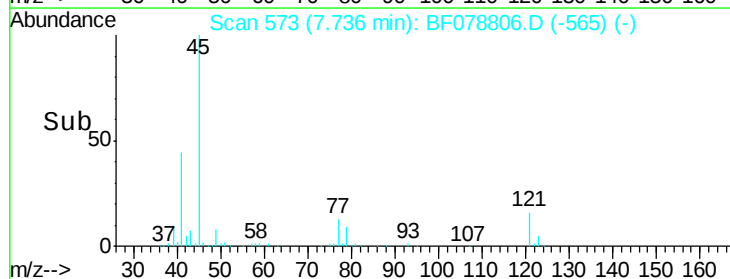
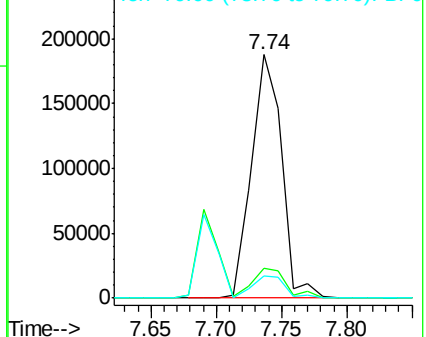
79 9.3 0.0 30.1

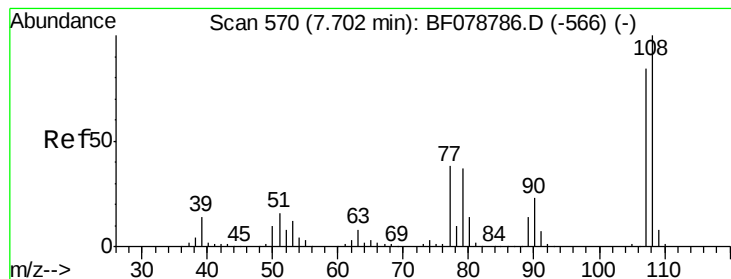


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

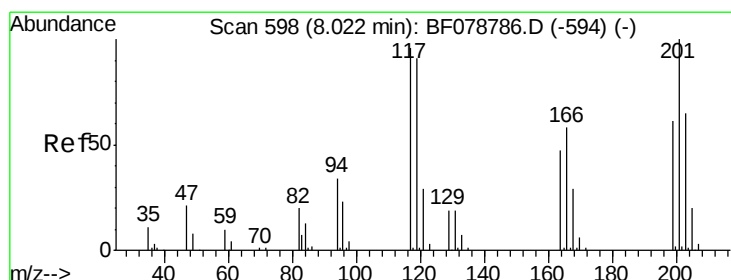
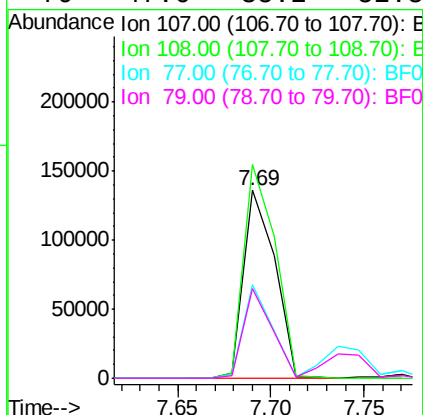
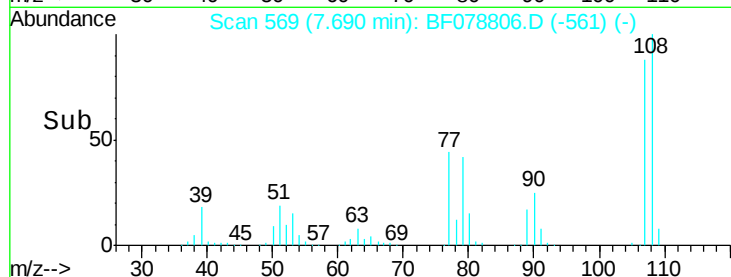
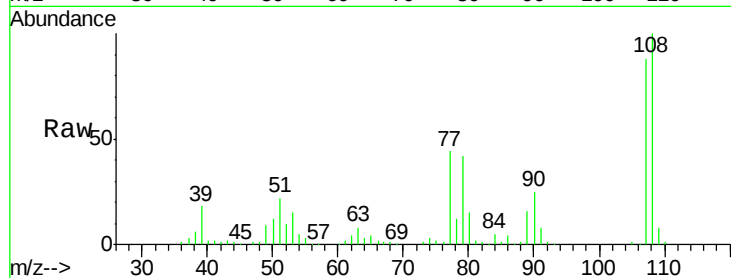




#17
2-Methylphenol
Concen: 40.72 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

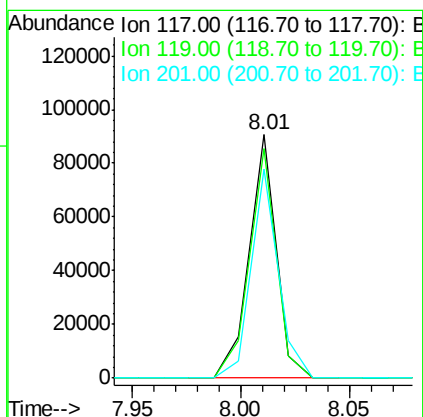
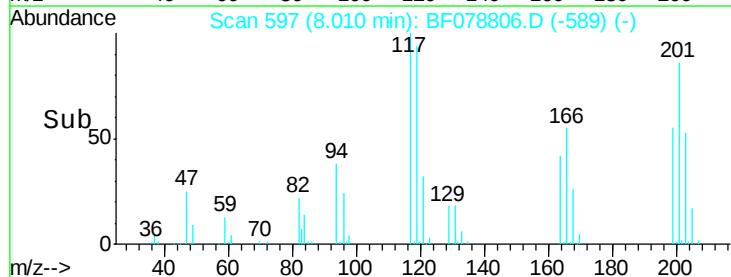
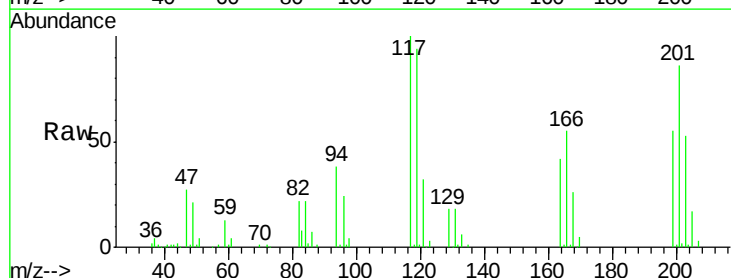
Instrument :
BNA_F
ClientSampled :

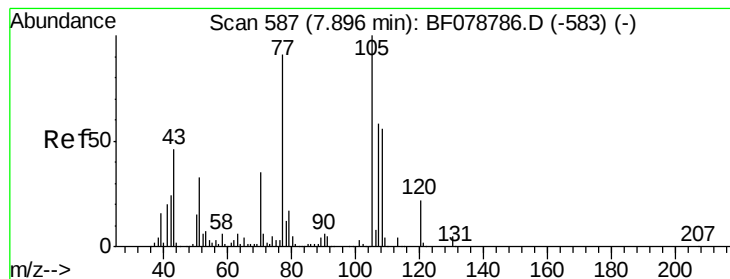
Tot Ion:	107	Resp:	158614
Ion	Ratio	Lower	Upper
107	100		
108	113.8	94.9	142.3
77	50.0	36.2	54.4
79	47.6	35.2	52.8



#18
Hexachloroethane
Concen: 41.52 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion:	117	Resp:	78434
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.4	113.0
201	85.7	83.2	124.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.69 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 166524

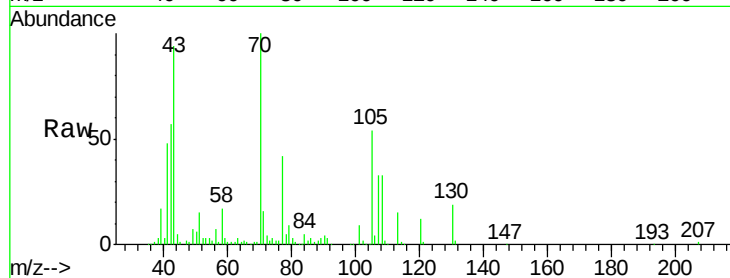
Ion Ratio Lower Upper

70 100

42 56.7 55.4 83.0

101 9.1 6.6 10.0

130 19.3 11.9 17.9#

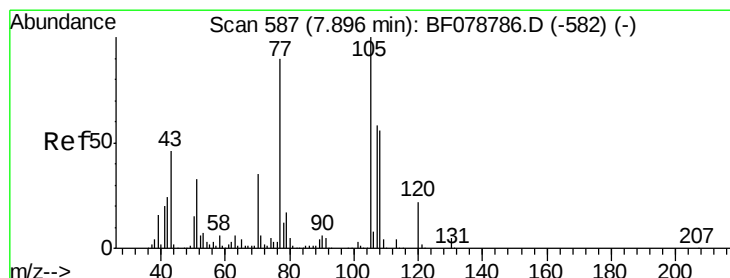
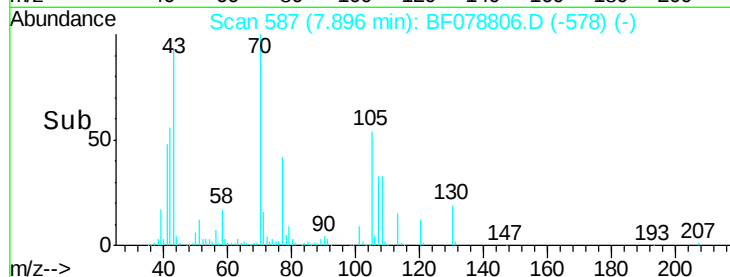
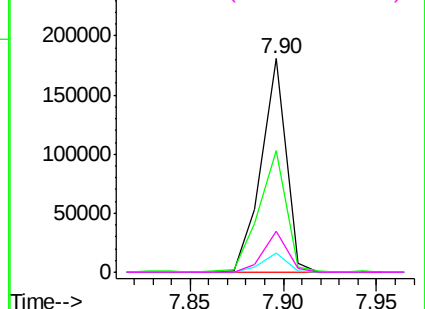


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 43.08 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Tgt Ion:107 Resp: 218607

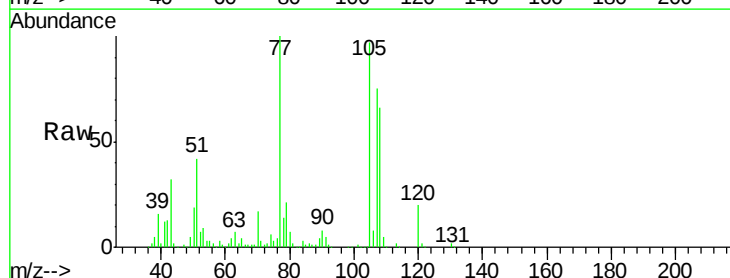
Ion Ratio Lower Upper

107 100

108 87.9 76.9 116.9

77 133.8 136.8 176.8#

79 27.7 9.7 49.7

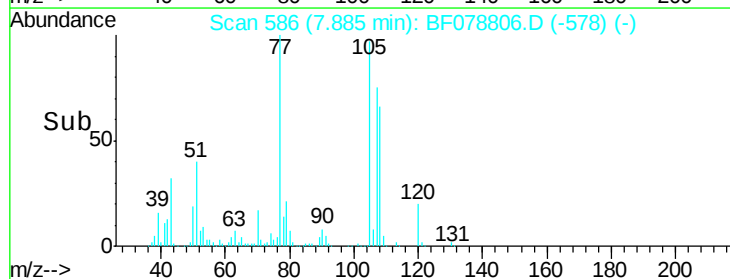
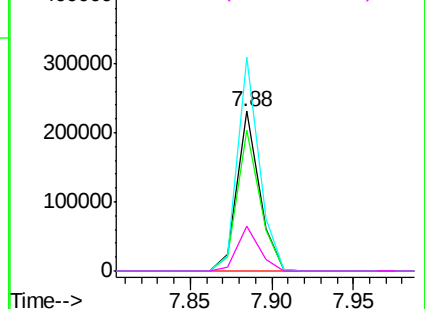


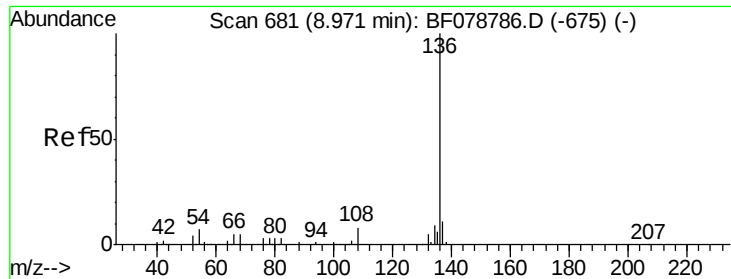
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF078806.D

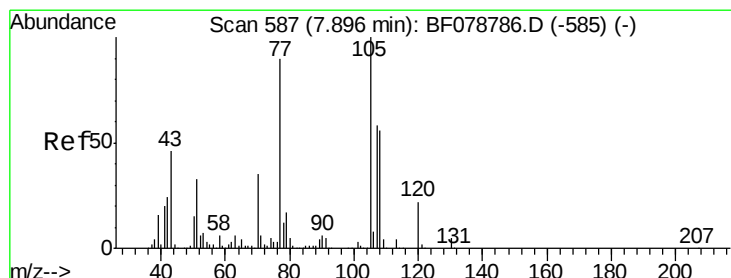
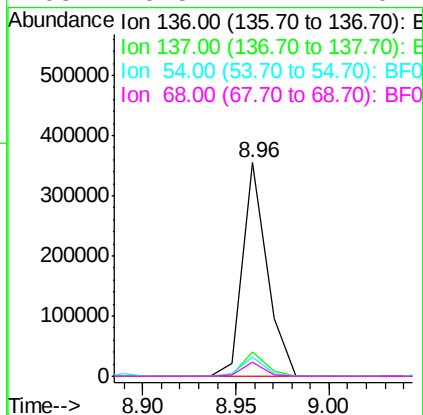
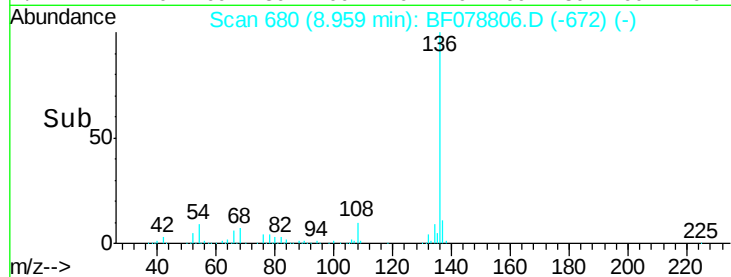
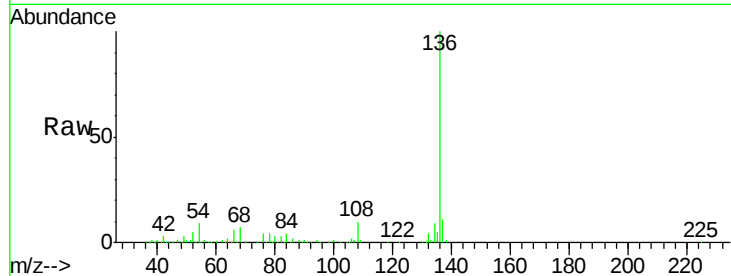
Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	324339
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	9.1	5.8 8.8#
68	6.8	4.2 6.4#



#22

Acetophenone

Concen: 39.13 ng

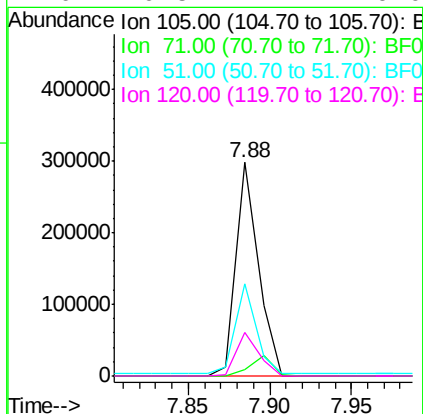
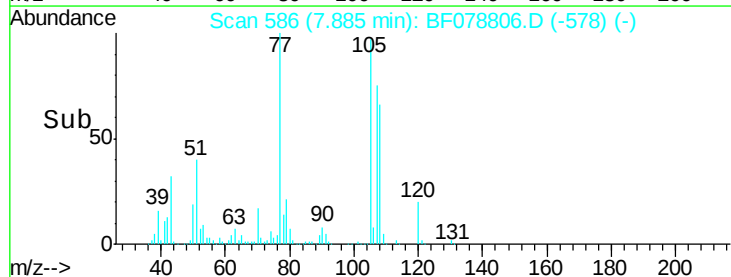
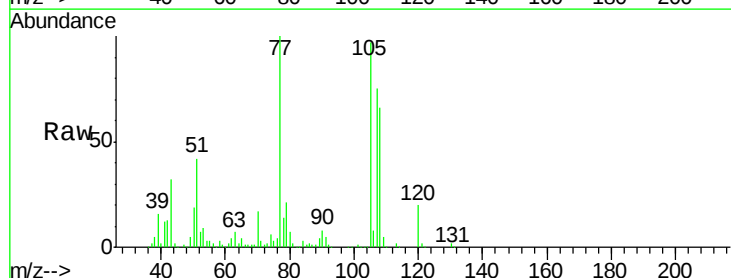
RT: 7.88 min Scan# 586

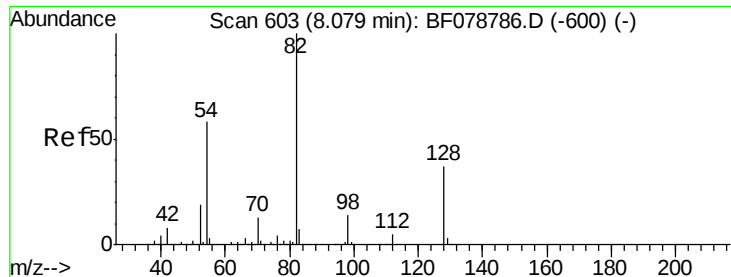
Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Tgt Ion:105	Resp:	281145
Ion Ratio	Lower	Upper
105	100	
71	3.0	4.6 6.8#
51	43.0	26.7 40.1#
120	20.5	17.4 26.0

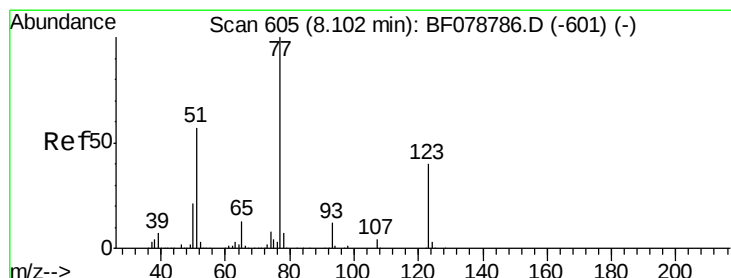
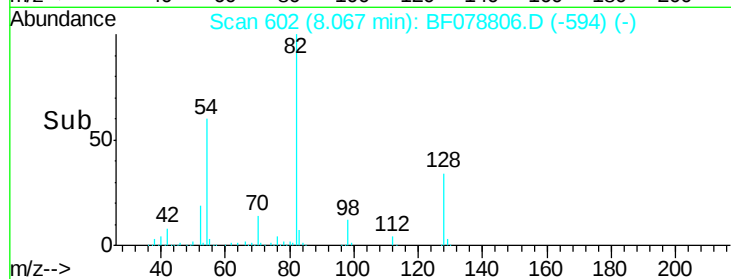
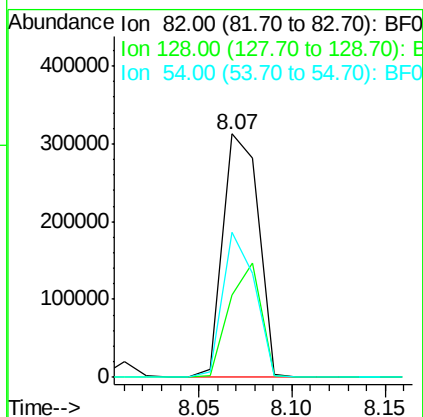
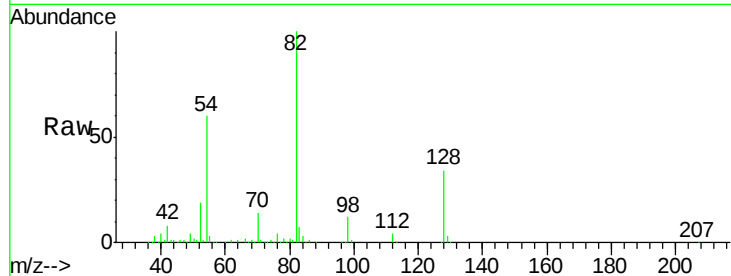




#23
 Nitrobenzene-d5
 Concen: 92.82 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

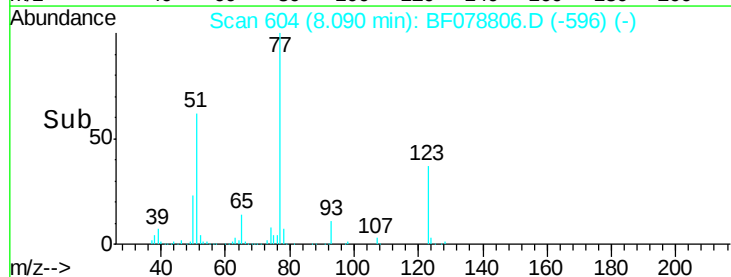
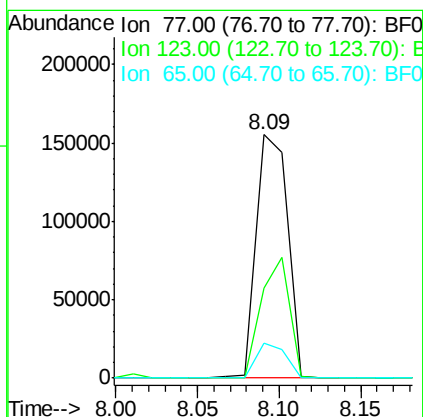
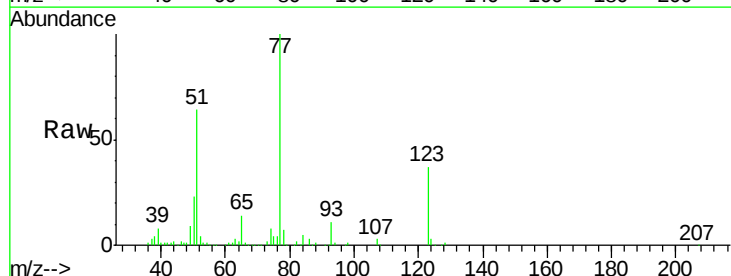
Instrument :
 BNA_F
 ClientSampleId :

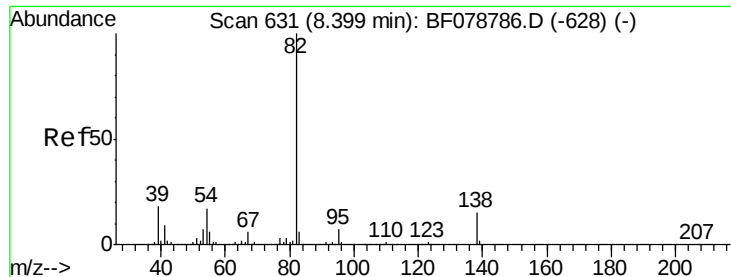
Tot Ion	82	Resp	418132
Ion Ratio	Lower	Upper	
82	100		
128	33.7	30.0	45.0
54	59.7	46.4	69.6



#24
 Nitrobenzene
 Concen: 43.25 ng
 RT: 8.09 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion	77	Resp	208669
Ion Ratio	Lower	Upper	
77	100		
123	37.0	31.8	47.8
65	14.4	10.6	15.8





#25

Isophorone

Concen: 40.55 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampled :

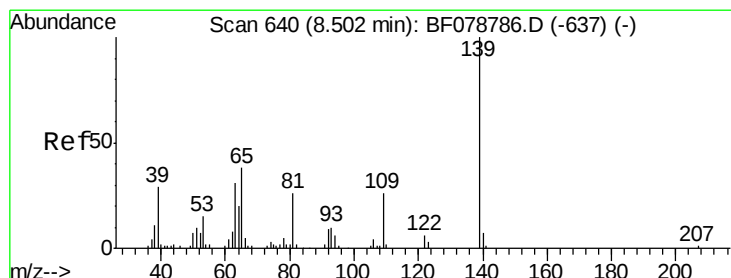
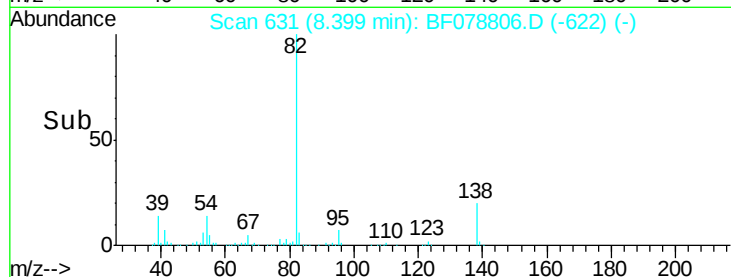
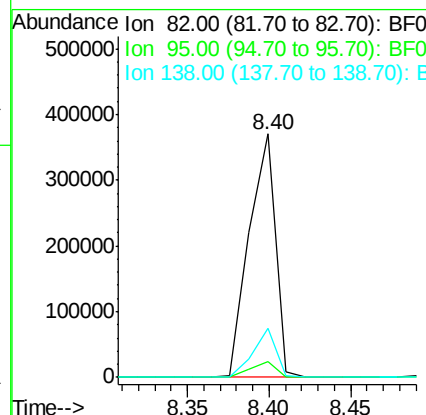
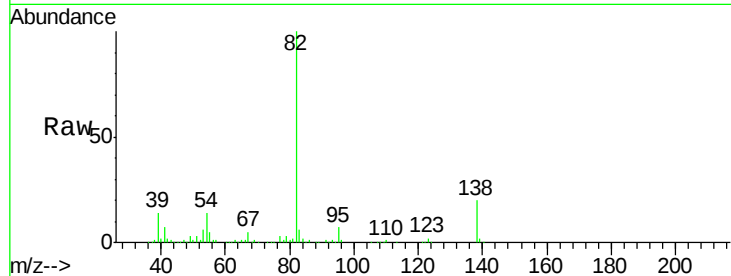
Tot Ion: 82 Resp: 412983

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 20.1 12.0 18.0#



#26

2-Nitrophenol

Concen: 57.82 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

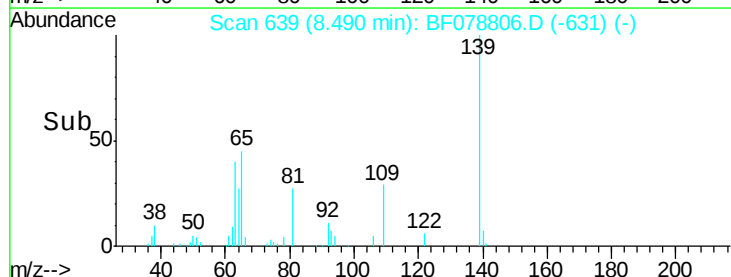
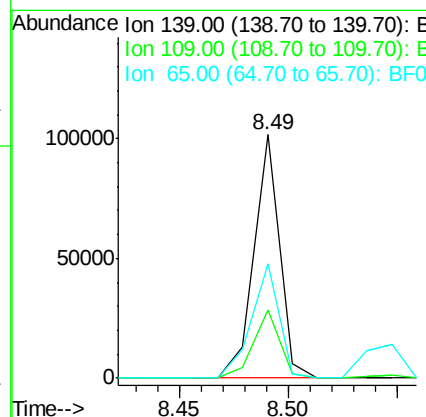
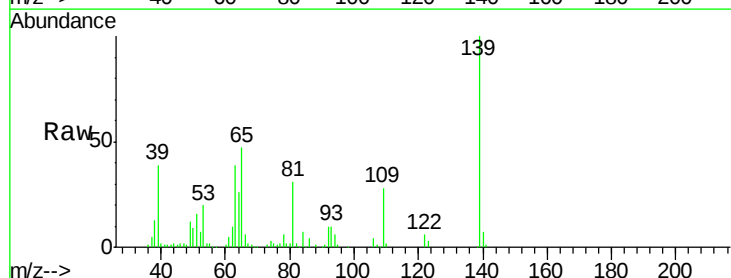
Tgt Ion: 139 Resp: 82622

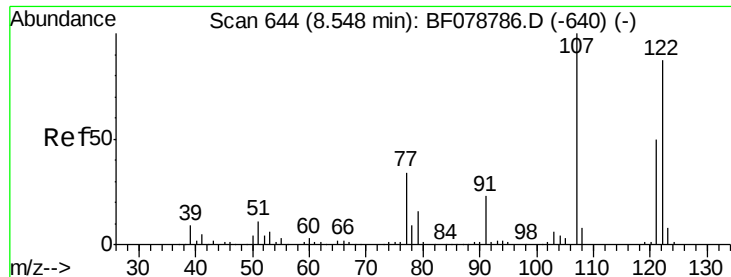
Ion Ratio Lower Upper

139 100

109 28.2 21.0 31.4

65 47.0 30.5 45.7#





#27

2,4-Dimethylphenol

Concen: 40.61 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampled :

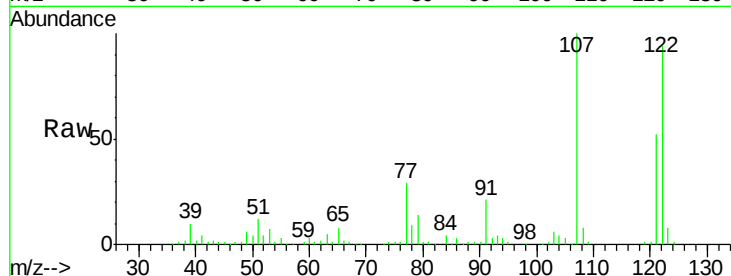
Tot Ion:122 Resp: 183461

Ion Ratio Lower Upper

122 100

107 106.0 90.6 135.8

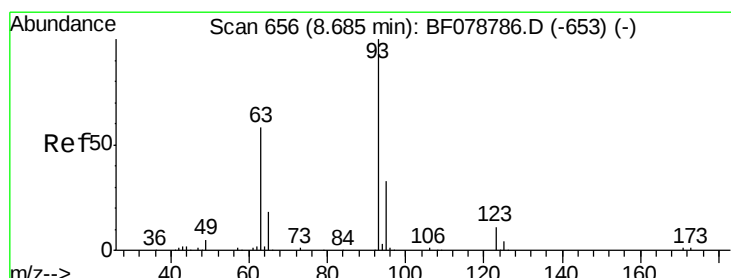
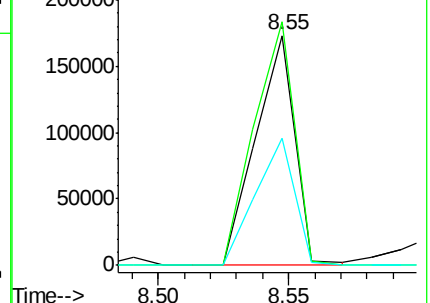
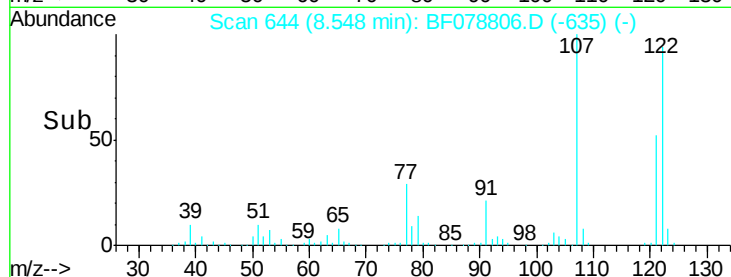
121 55.4 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.30 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

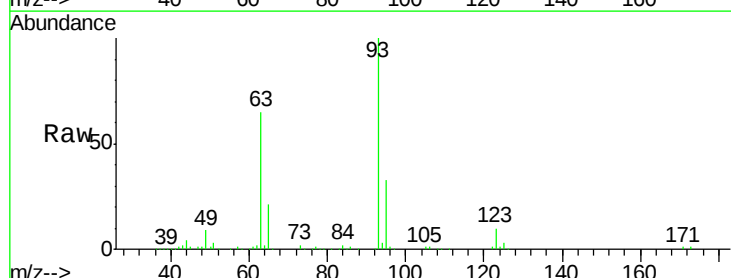
Tgt Ion: 93 Resp: 259688

Ion Ratio Lower Upper

93 100

95 33.1 26.7 40.1

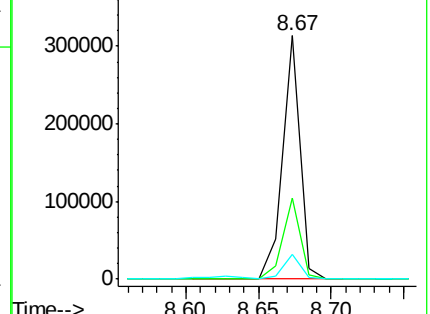
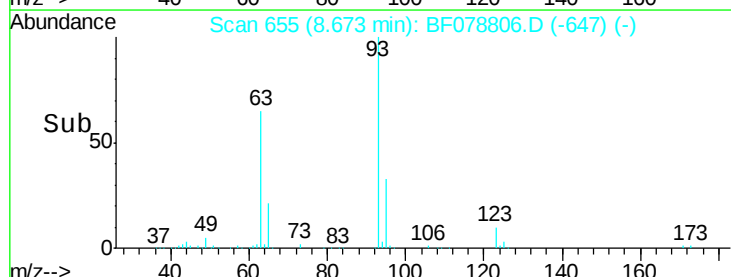
123 10.4 9.1 13.7

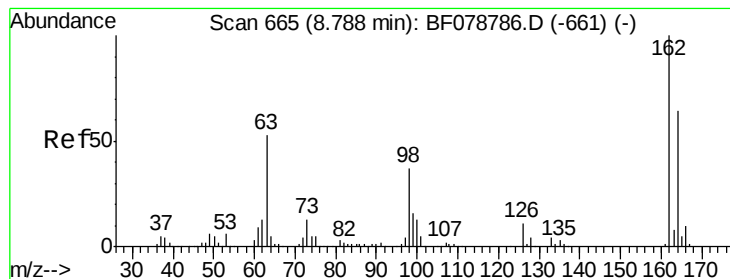


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

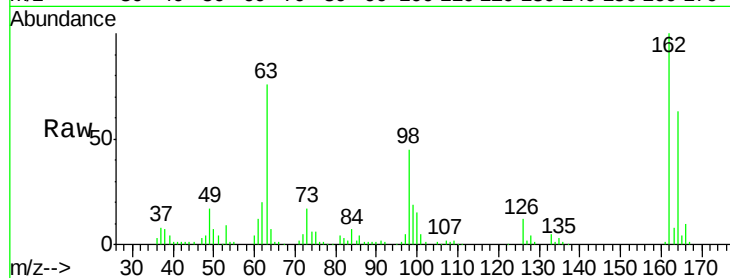




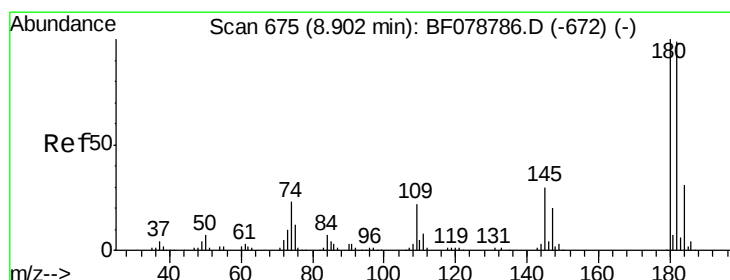
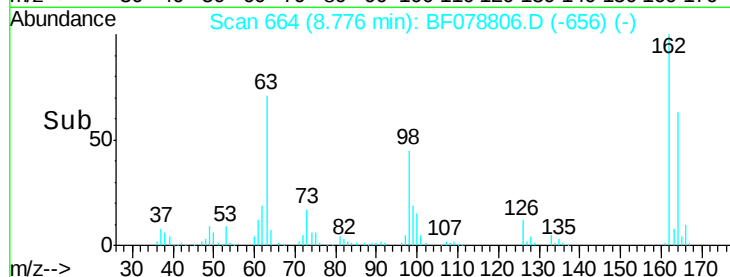
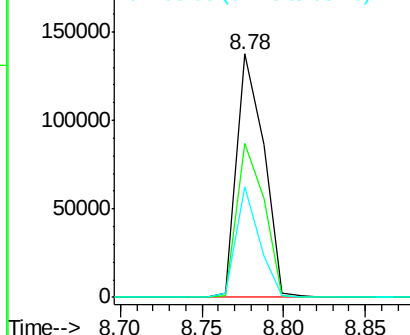
#29
 2,4-Dichlorophenol
 Concen: 40.85 ng
 RT: 8.78 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	45.4	16.5	56.5

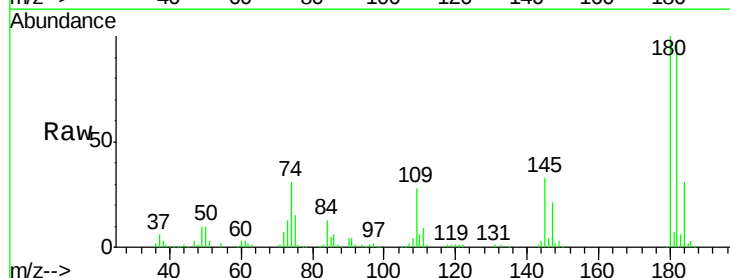


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

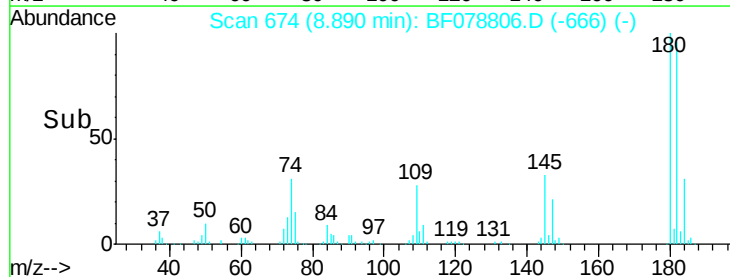
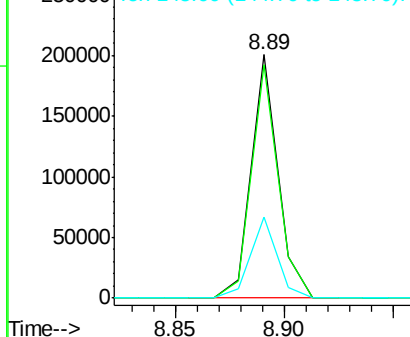


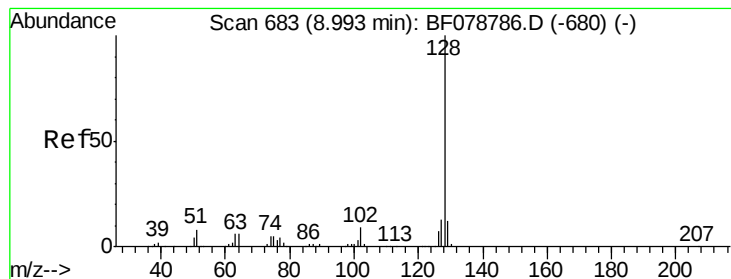
#30
 1,2,4-Trichlorobenzene
 Concen: 38.67 ng
 RT: 8.89 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.9	118.3
145	33.4	24.2	36.4



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





#31

Naphthalene

Concen: 38.35 ng

RT: 8.99 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

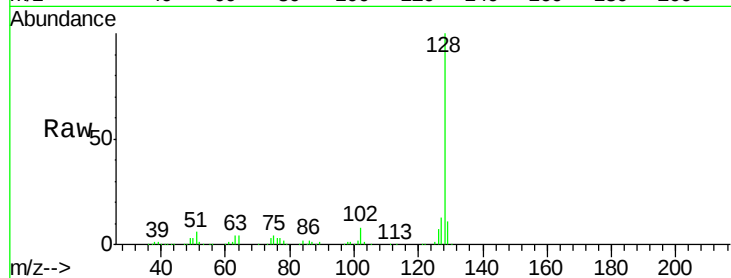
Tot Ion:128 Resp: 590303

Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

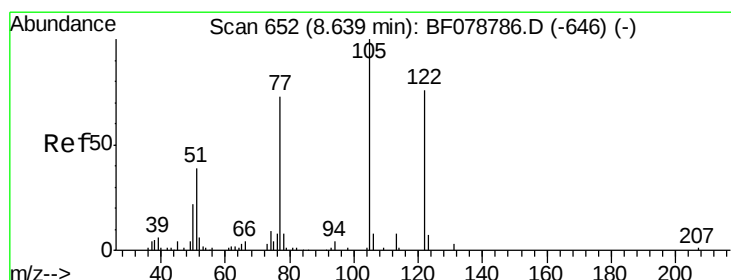
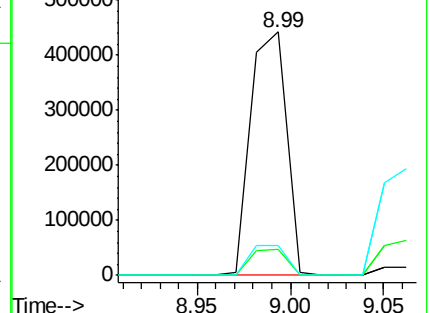
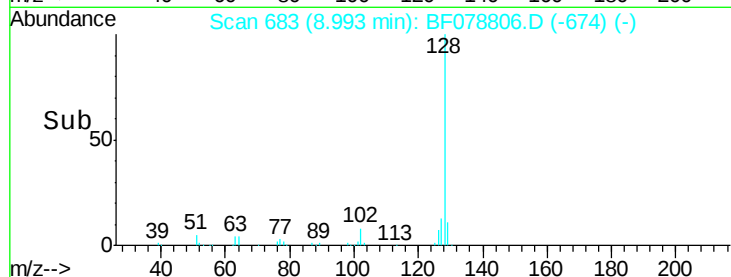
127 12.5 10.7 16.1



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: 62.82 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

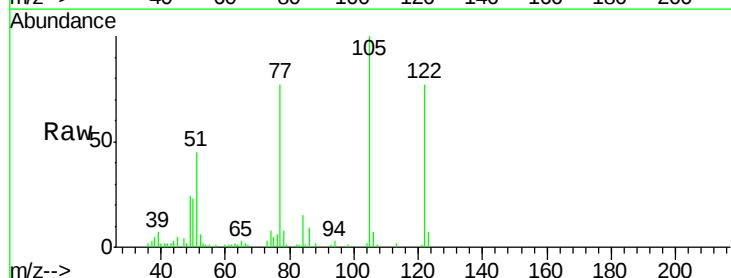
Tgt Ion:122 Resp: 86137

Ion Ratio Lower Upper

122 100

105 130.0 107.1 147.1

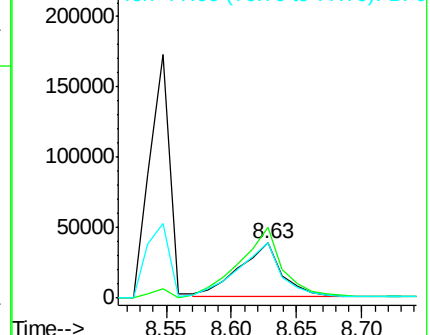
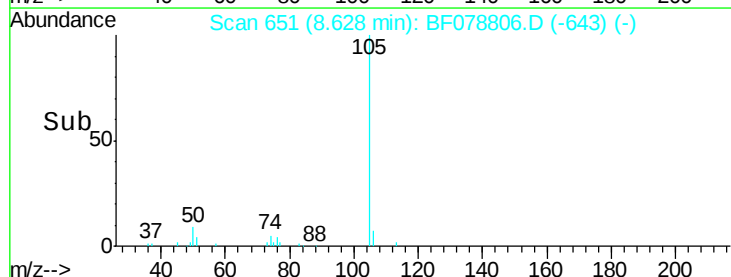
77 100.4 73.9 113.9

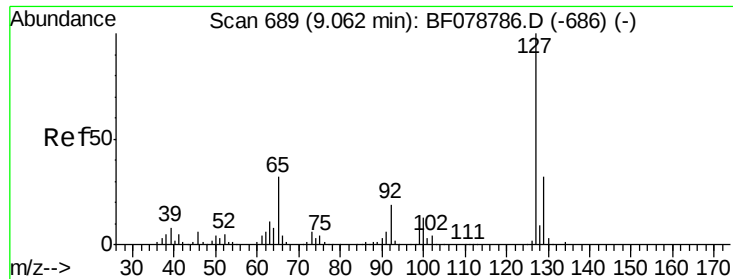


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

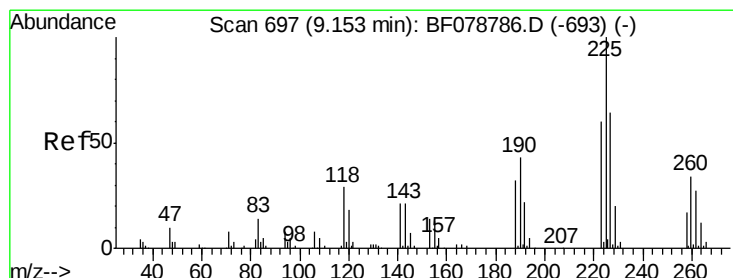
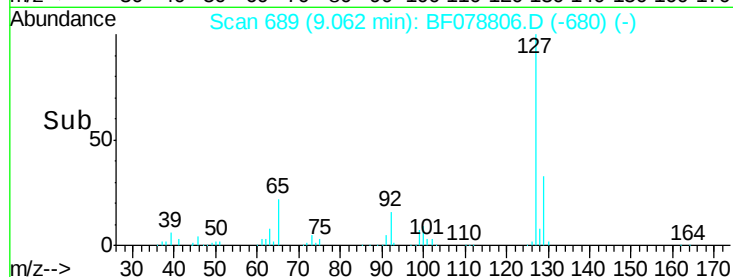
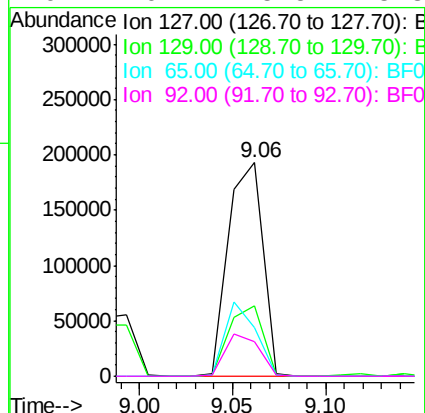
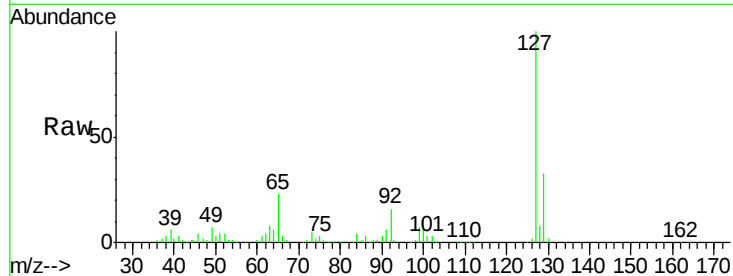




#33
4-Chloroaniline
Concen: 38.85 ng
RT: 9.06 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

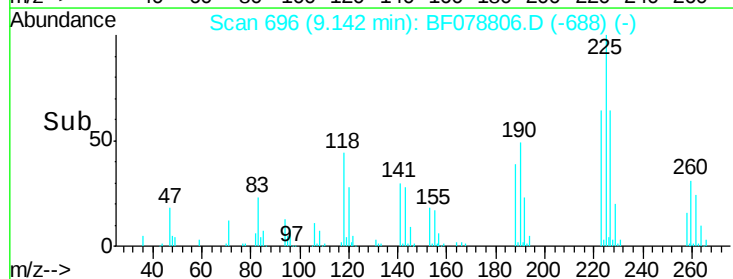
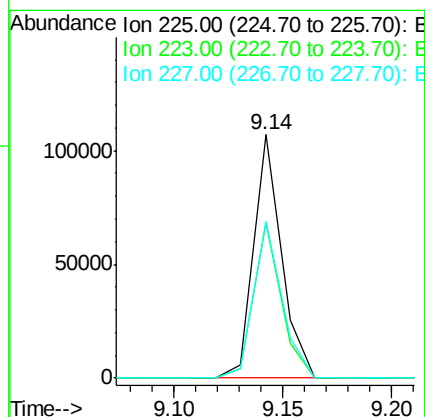
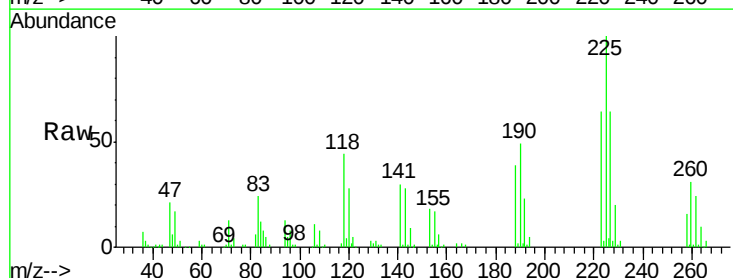
Instrument :
BNA_F
ClientSampleId :

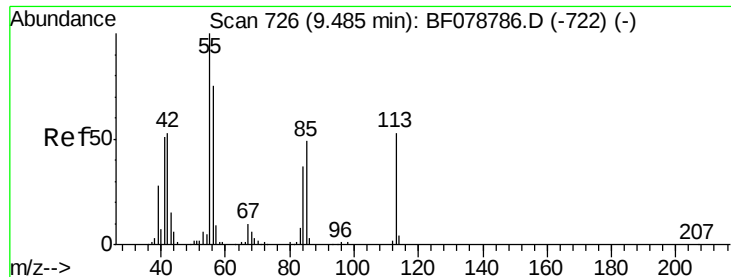
Tot Ion:	127	Resp:	251710
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	22.8	25.8	38.6#
92	16.2	15.5	23.3



#34
Hexachlorobutadiene
Concen: 38.02 ng
RT: 9.14 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion:	225	Resp:	95121
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.2	72.4
227	64.4	51.4	77.0





#35

Caprolactam

Concen: 41.46 ng

RT: 9.47 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampled :

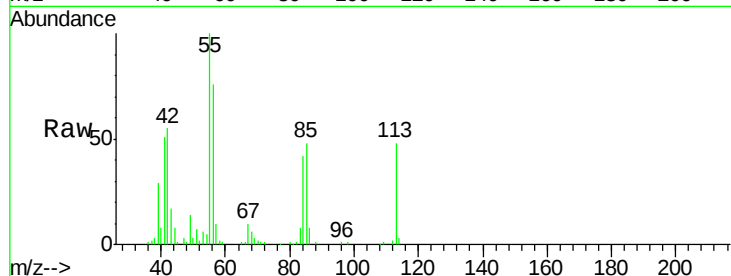
Tot Ion:113 Resp: 50978

Ion Ratio Lower Upper

113 100

55 209.7 169.7 209.7#

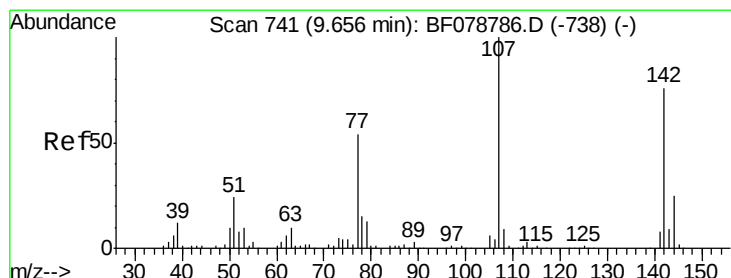
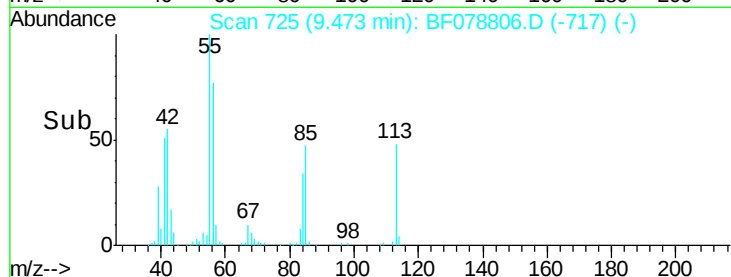
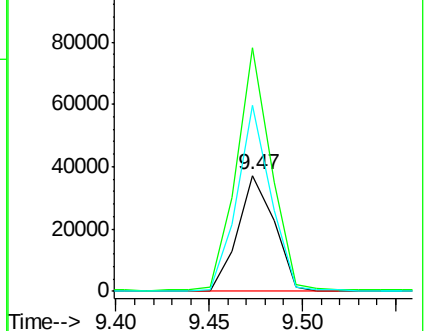
56 160.3 122.5 162.5



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: 42.66 ng

RT: 9.66 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

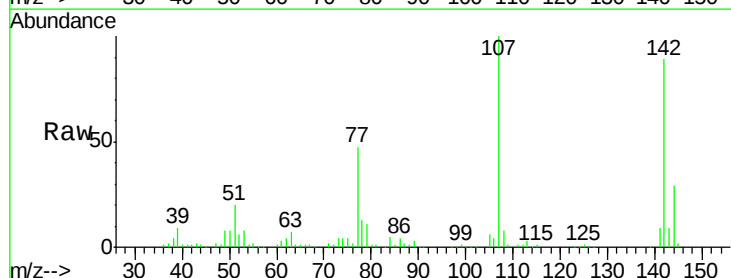
Tgt Ion:107 Resp: 172954

Ion Ratio Lower Upper

107 100

144 28.7 19.8 29.6

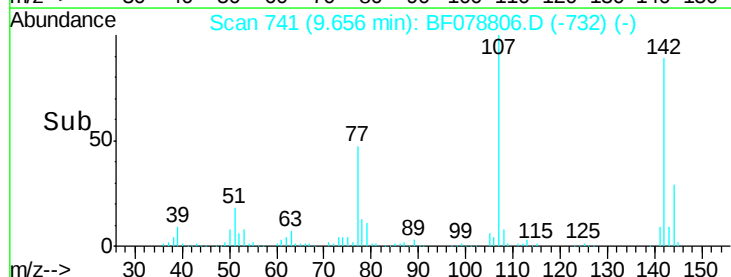
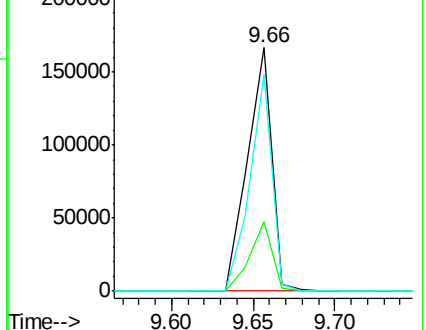
142 88.8 60.6 91.0

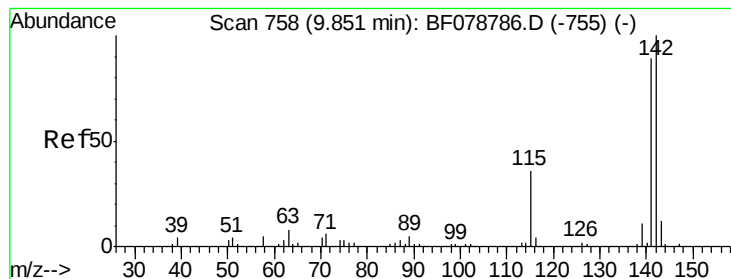


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.03 ng

RT: 9.85 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

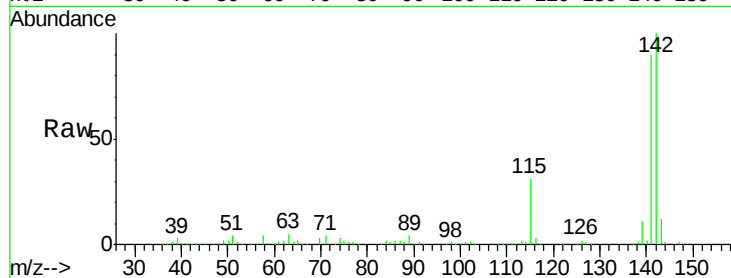
Tot Ion:142 Resp: 414624

Ion Ratio Lower Upper

142 100

141 90.1 70.9 106.3

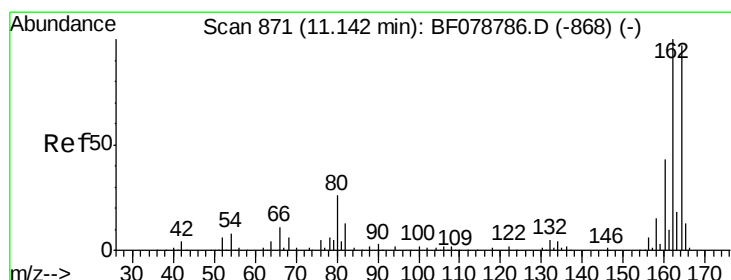
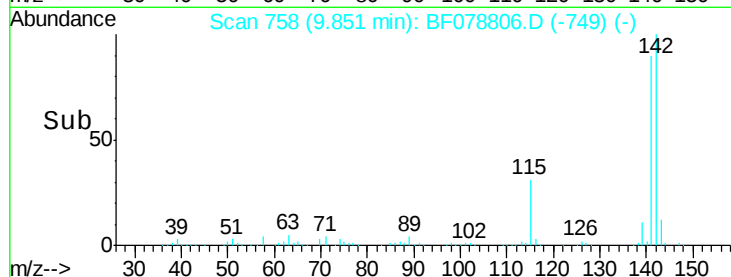
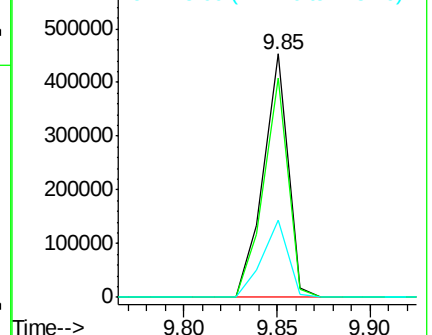
115 31.5 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

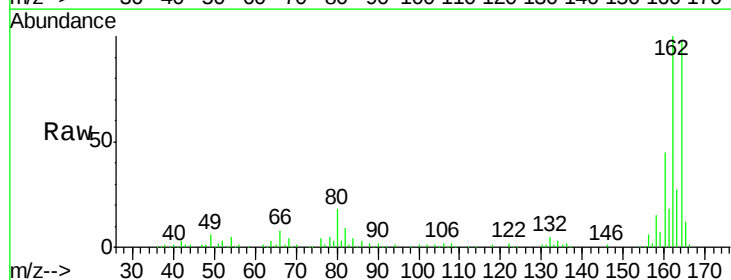
Tgt Ion:164 Resp: 156574

Ion Ratio Lower Upper

164 100

162 101.7 82.7 124.1

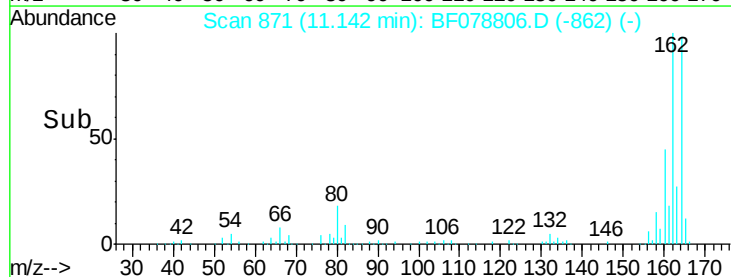
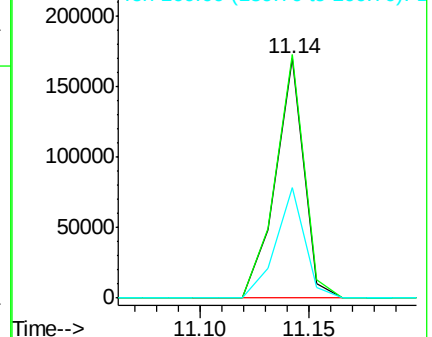
160 46.2 35.8 53.8

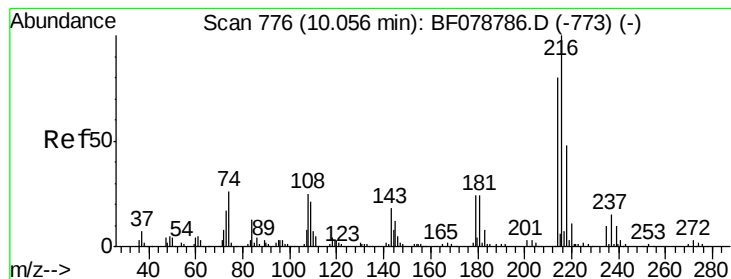


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.46 ng

RT: 10.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 170599

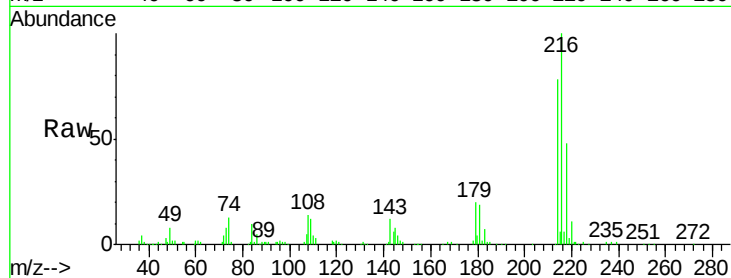
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 21.2 0.0 0.0#

108 21.7 0.0 0.0#

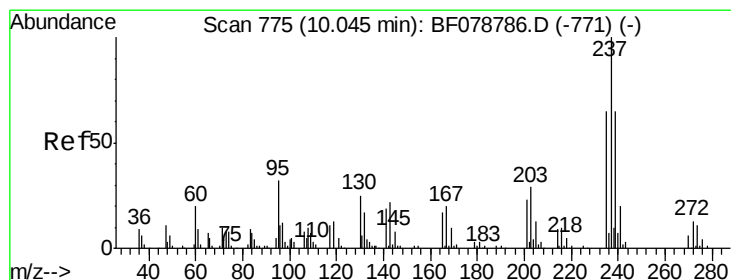
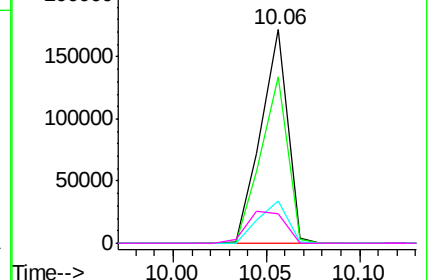
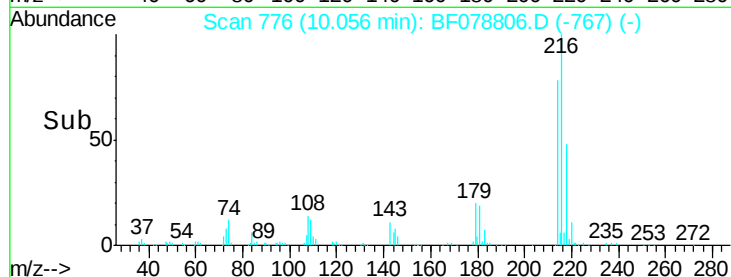


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.15 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

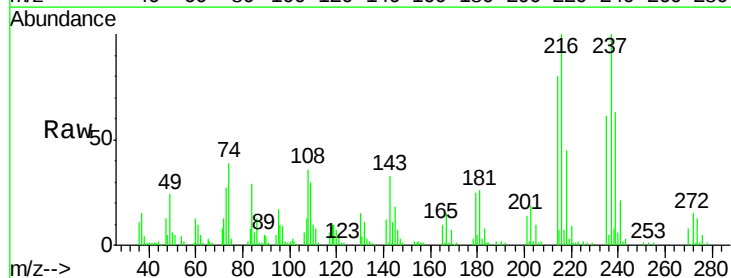
Tgt Ion:237 Resp: 73016

Ion Ratio Lower Upper

237 100

235 61.3 44.7 84.7

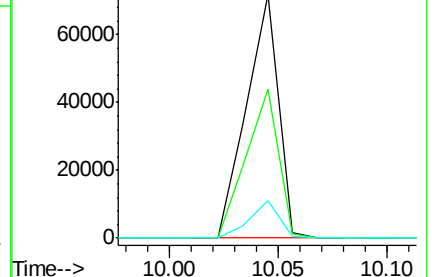
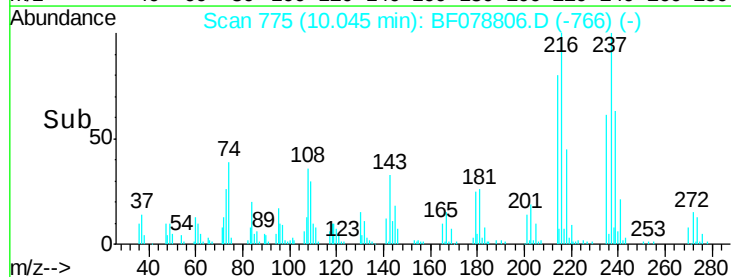
272 15.4 0.0 32.6

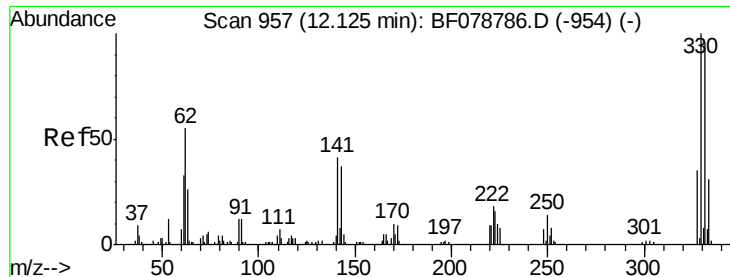


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

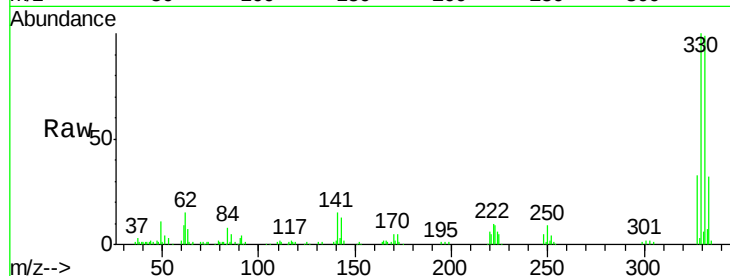




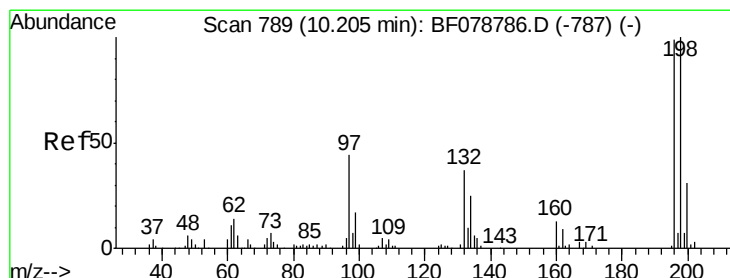
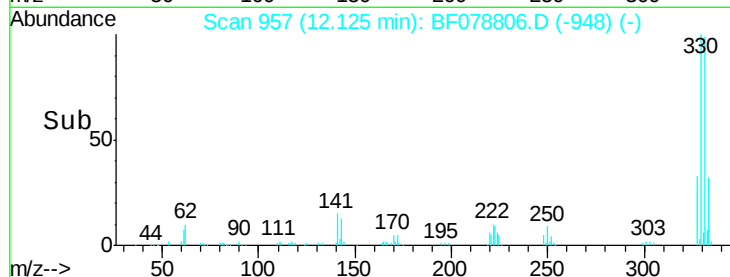
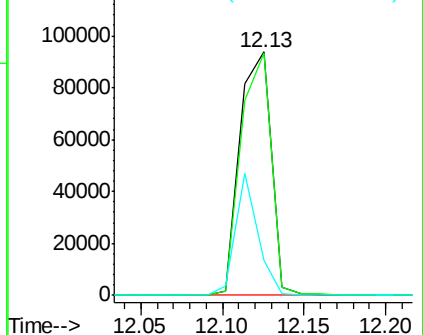
#41
 2,4,6-Tribromophenol
 Concen: 81.85 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	35.7	0.0	0.0#

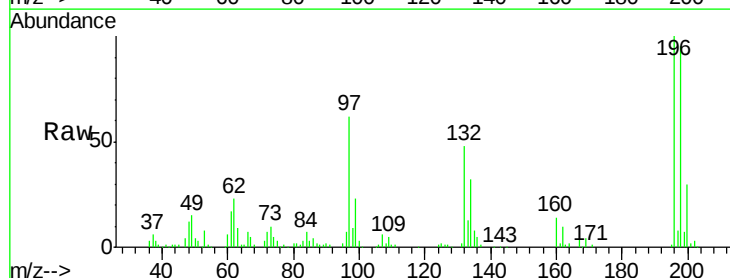


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

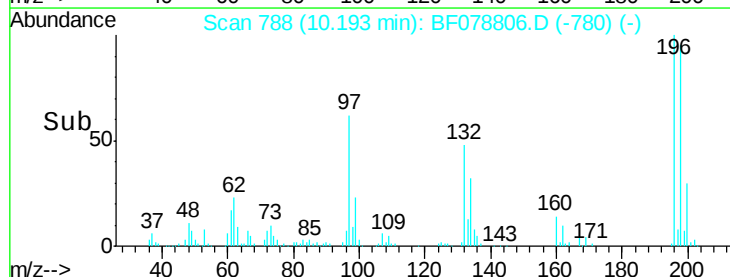
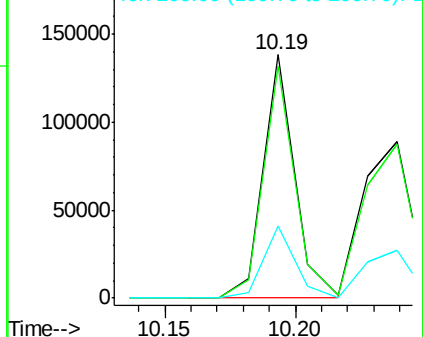


#42
 2,4,6-Trichlorophenol
 Concen: 43.33 ng
 RT: 10.19 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	80.5	120.7
200	29.8	24.9	37.3



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

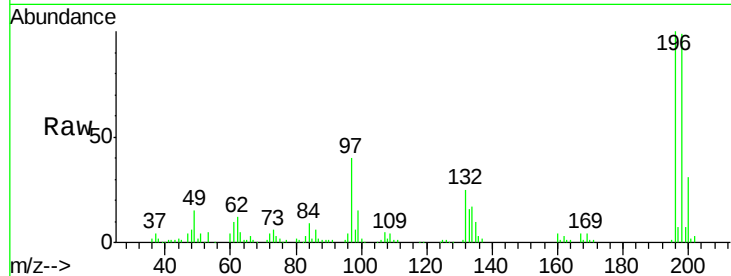




#43
 2,4,5-Trichlorophenol
 Concen: 38.63 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	79.8	119.6
97	40.0	46.0	69.0#
132	24.8	26.6	40.0#



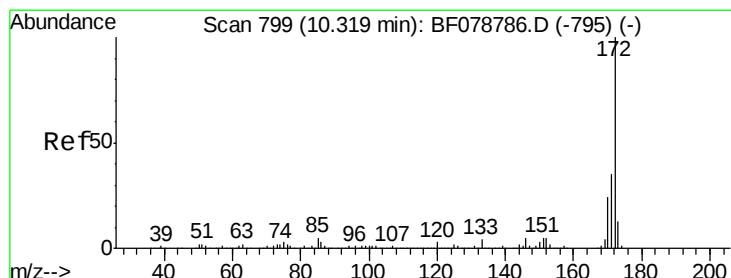
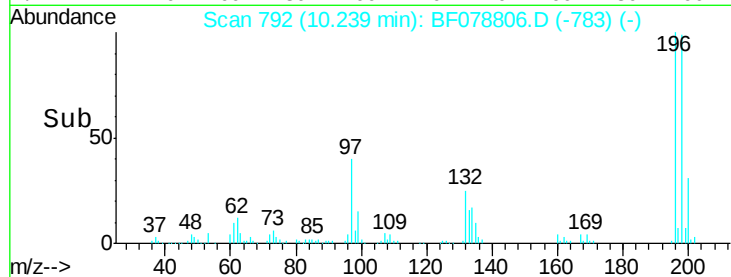
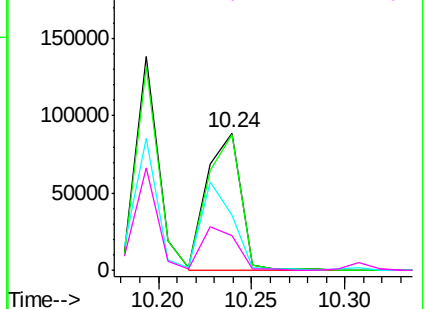
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

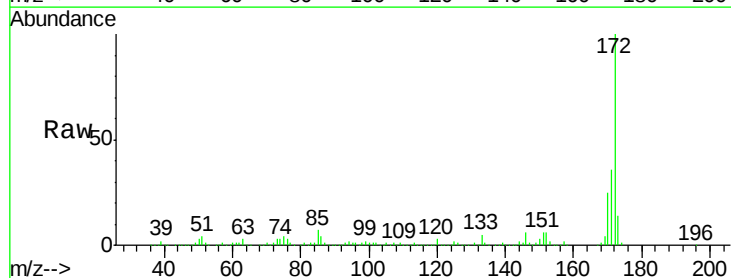
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.33 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.5	19.4	29.0

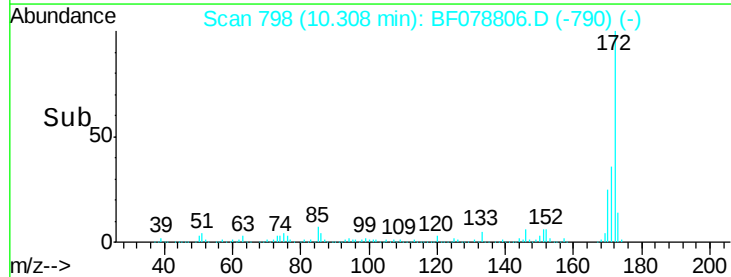
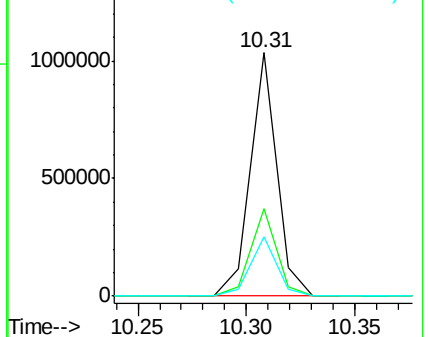


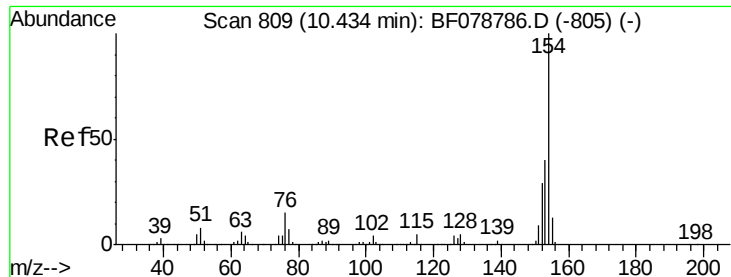
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.94 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

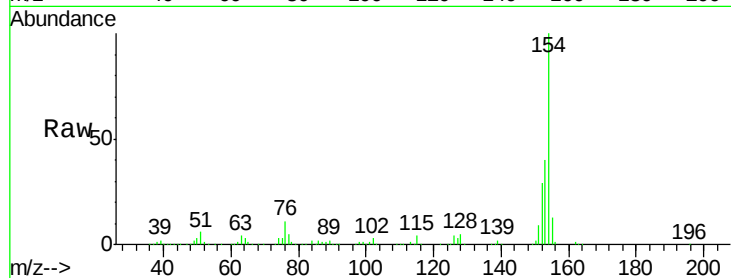
Tot Ion:154 Resp: 476719

Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

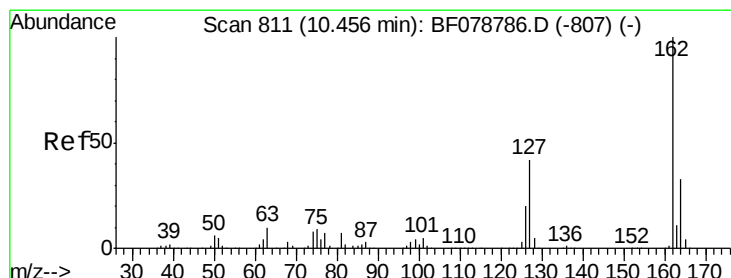
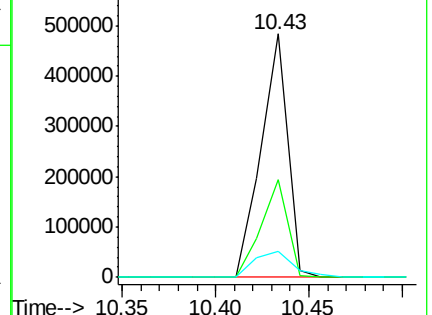
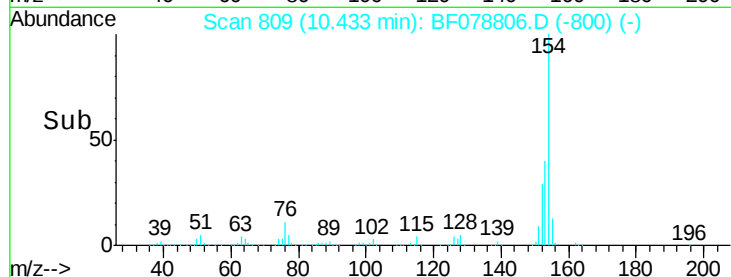
76 10.6 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.12 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

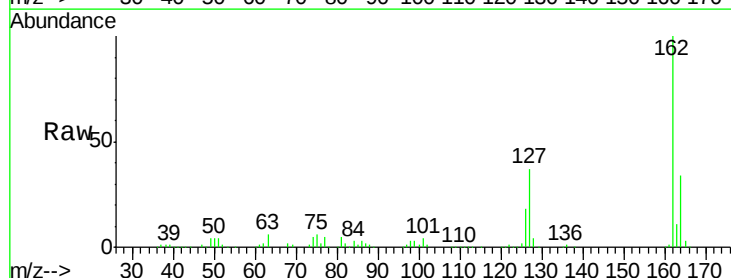
Tgt Ion:162 Resp: 364539

Ion Ratio Lower Upper

162 100

127 36.6 33.9 50.9

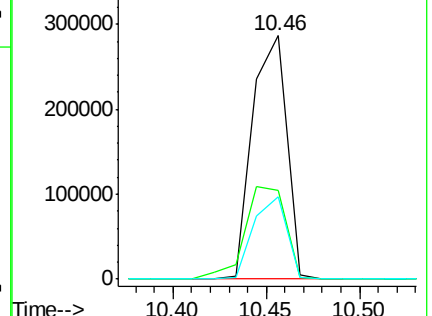
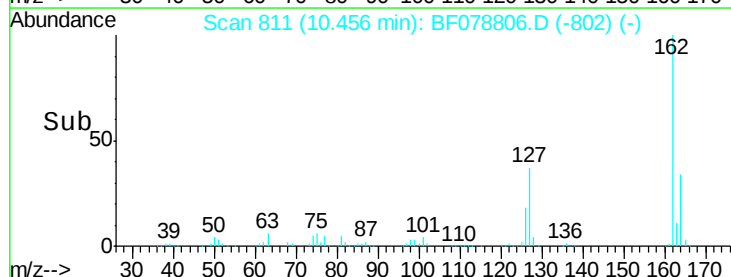
164 34.0 26.3 39.5

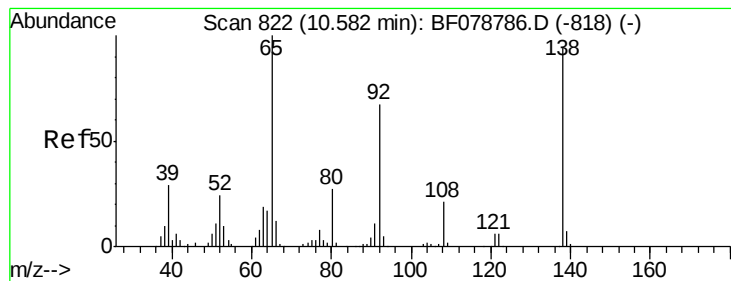


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.26 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

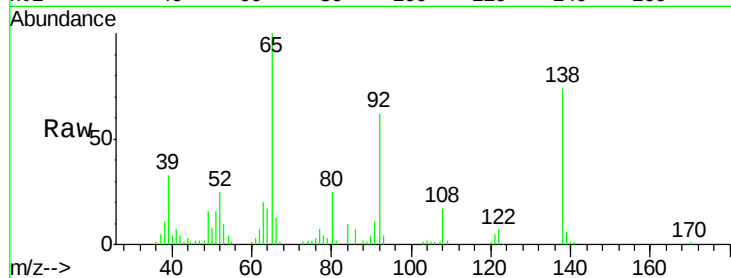
Tot Ion: 65 Resp: 99218

Ion Ratio Lower Upper

65 100

92 61.7 54.0 81.0

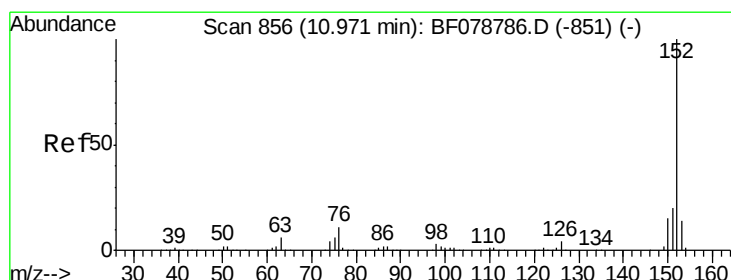
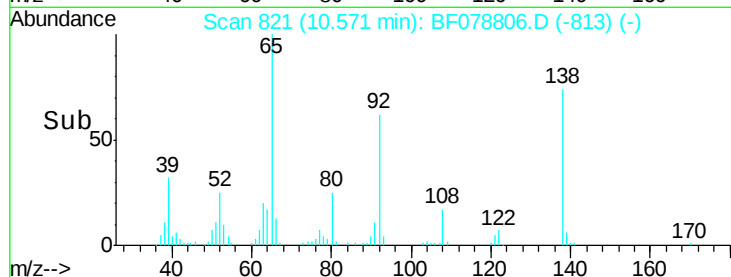
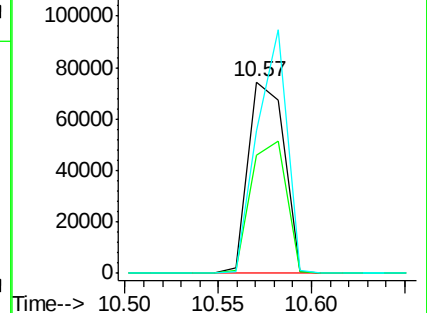
138 74.5 75.0 112.6#



Abundance Ion 65.00 (64.70 to 65.70): BF078786.D (-818) (-)

Ion 92.00 (91.70 to 92.70): BF078786.D (-818) (-)

Ion 138.00 (137.70 to 138.70): BF078786.D (-818) (-)



#48

Acenaphthylene

Concen: 37.40 ng

RT: 10.97 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

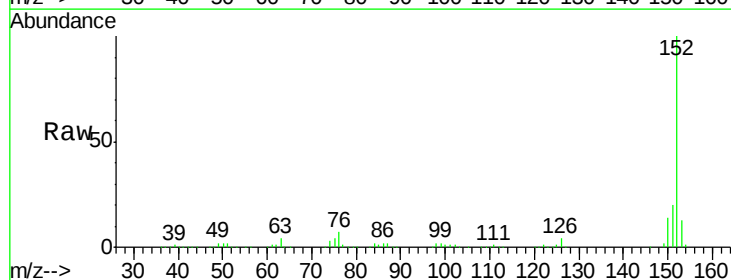
Tgt Ion: 152 Resp: 601032

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

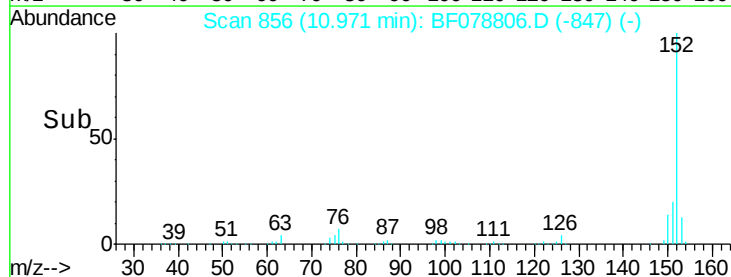
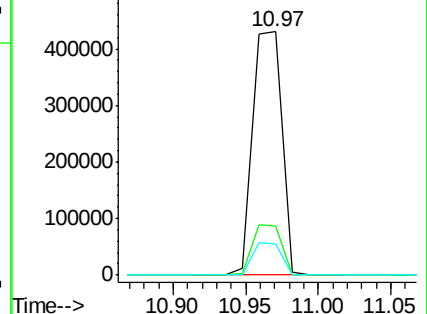
153 13.0 10.9 16.3

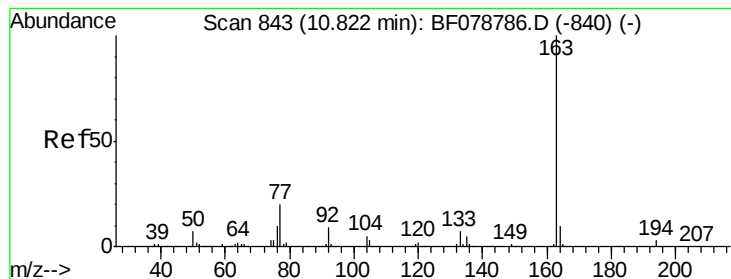


Abundance Ion 152.00 (151.70 to 152.70): BF078786.D (-851) (-)

Ion 151.00 (150.70 to 151.70): BF078786.D (-851) (-)

Ion 153.00 (152.70 to 153.70): BF078786.D (-851) (-)





#49

Dimethylphthalate

Concen: 37.28 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampled :

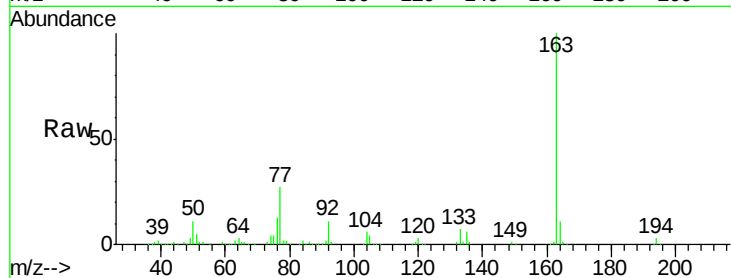
Tot Ion:163 Resp: 414995

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

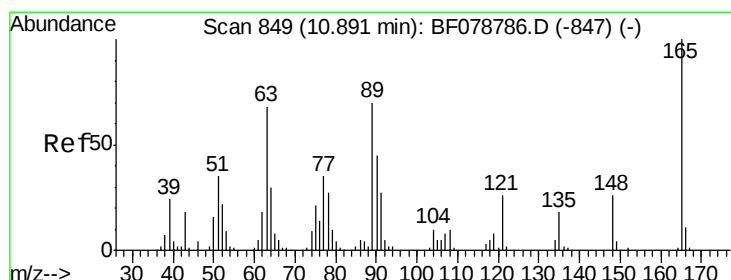
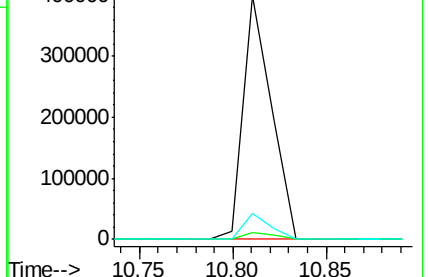
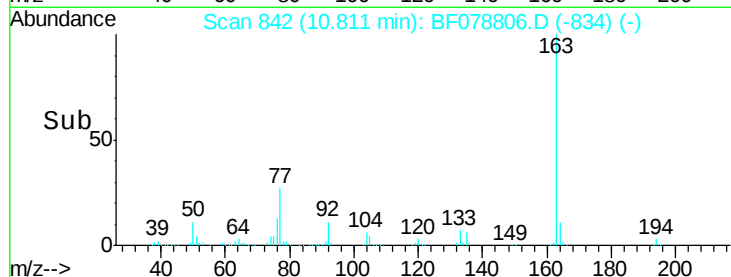
164 10.7 8.1 12.1



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: 43.06 ng

RT: 10.89 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

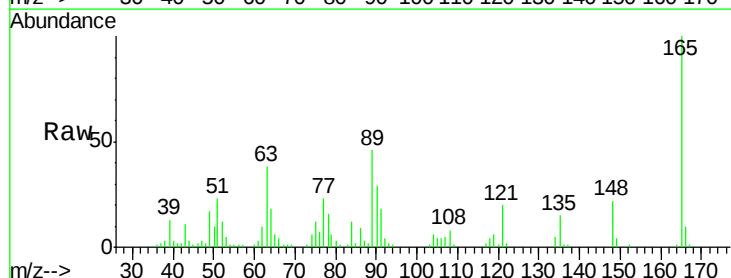
Tgt Ion:165 Resp: 78090

Ion Ratio Lower Upper

165 100

63 38.5 54.4 81.6#

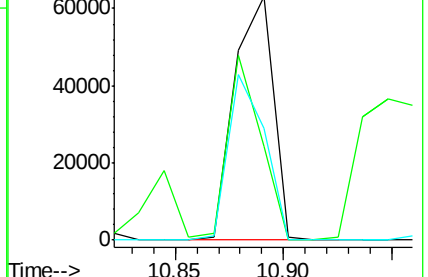
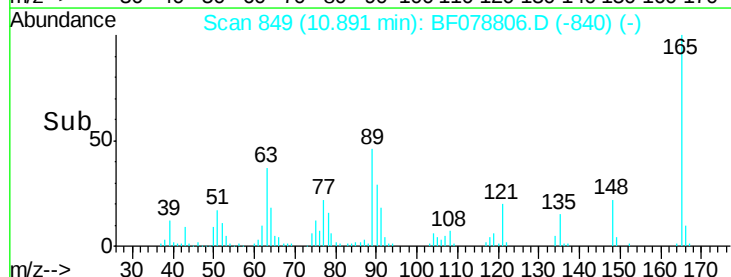
89 45.9 55.7 83.5#

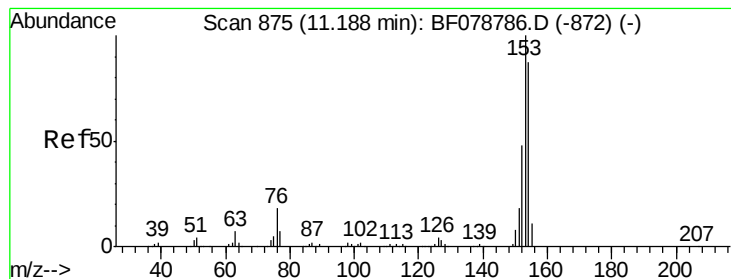


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.76 ng

RT: 11.18 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

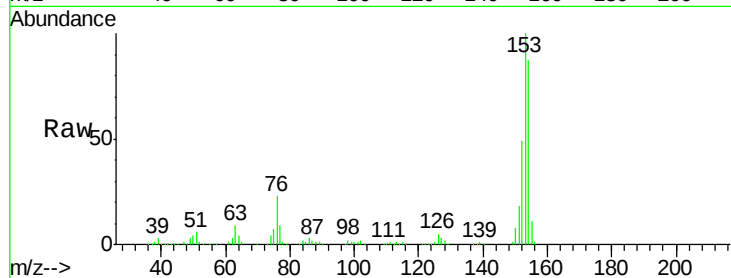
Tot Ion:154 Resp: 356338

Ion Ratio Lower Upper

154 100

153 114.8 91.5 137.3

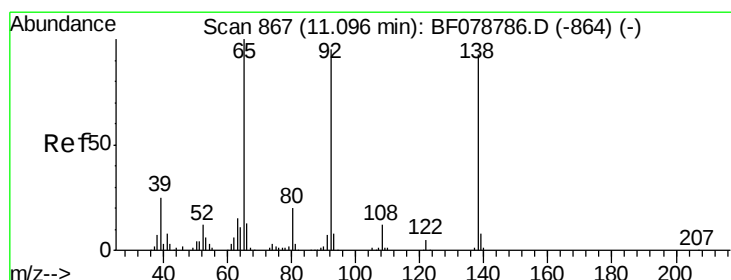
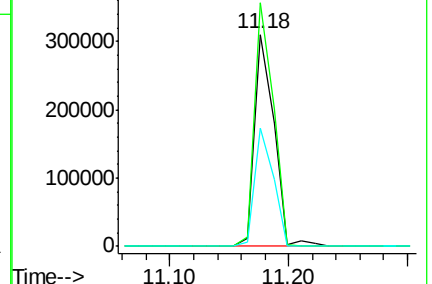
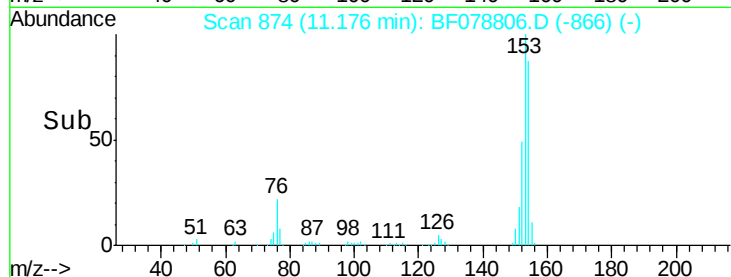
152 56.0 44.2 66.4



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: 43.70 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

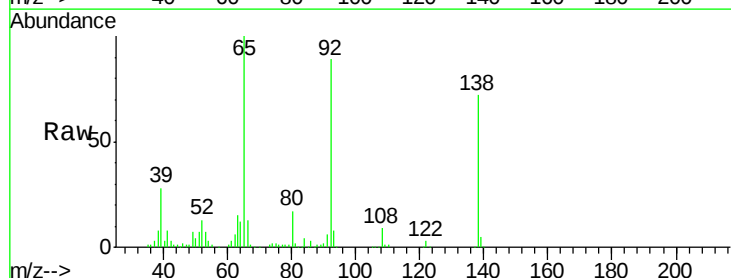
Tgt Ion:138 Resp: 102823

Ion Ratio Lower Upper

138 100

108 12.3 10.6 16.0

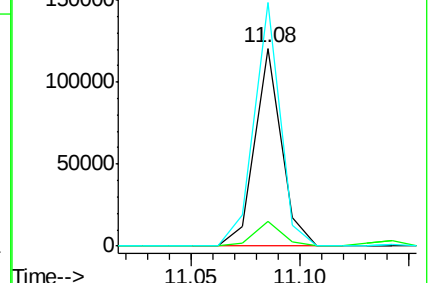
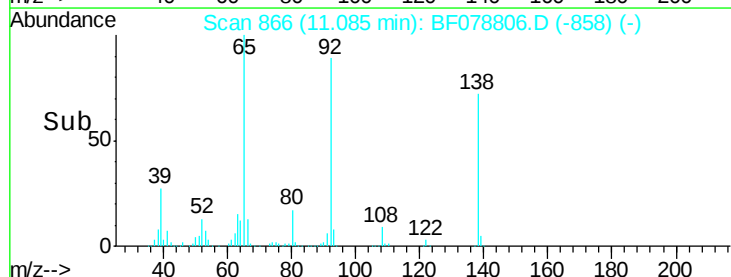
92 123.2 81.8 122.6#

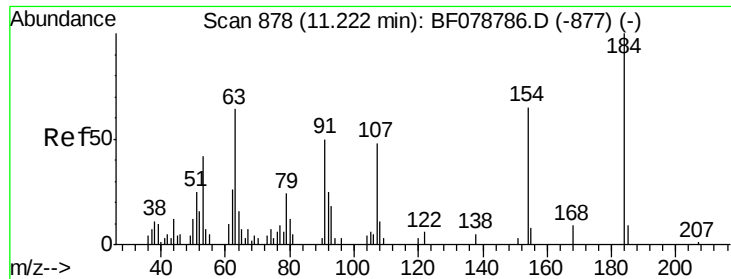


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

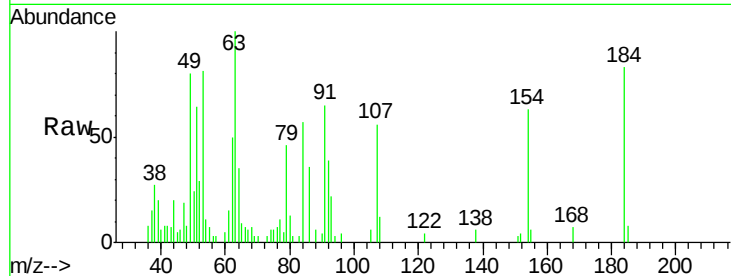




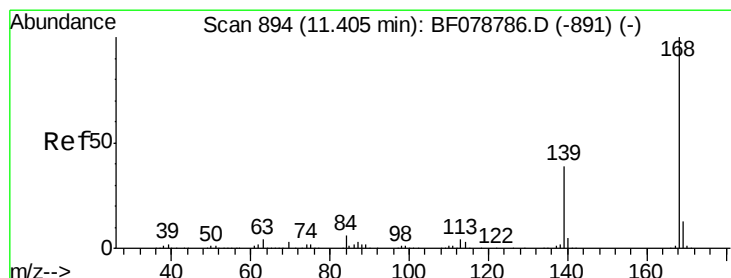
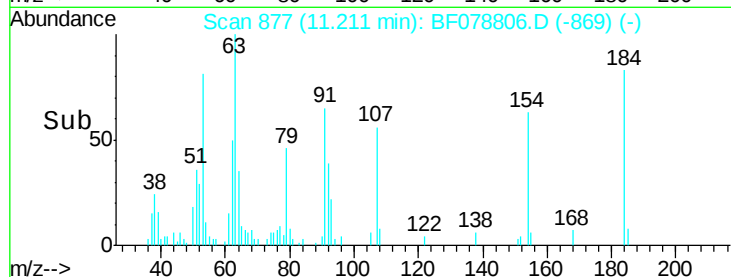
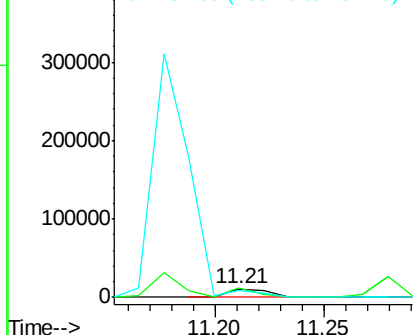
#53
2,4-Dinitrophenol
Concen: 48.91 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 13293
Ion Ratio Lower Upper
184 100
63 120.9 63.3 94.9#
154 76.0 53.8 80.6

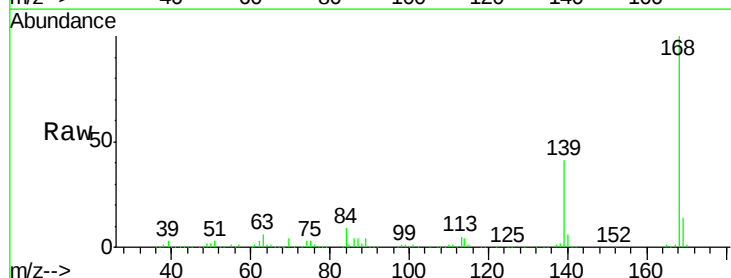


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

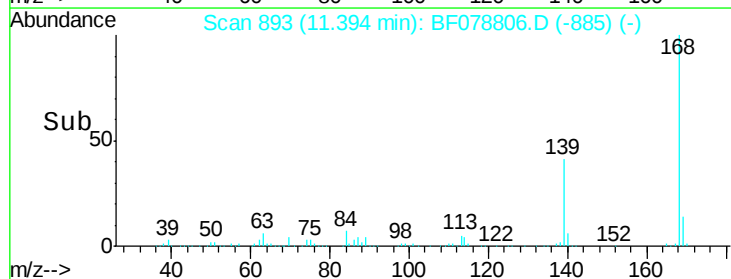
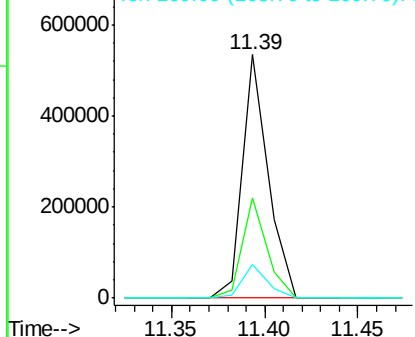


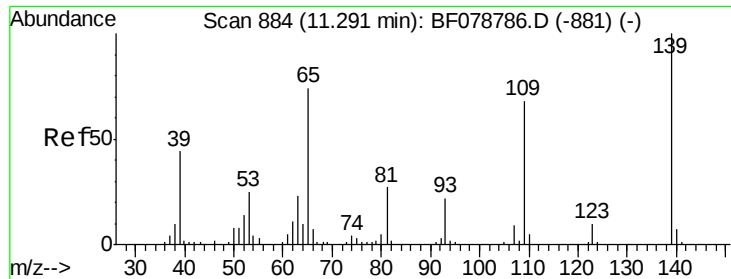
#54
Dibenzofuran
Concen: 36.93 ng
RT: 11.39 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion:168 Resp: 511241
Ion Ratio Lower Upper
168 100
139 41.1 31.0 46.4
169 13.8 10.6 16.0



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

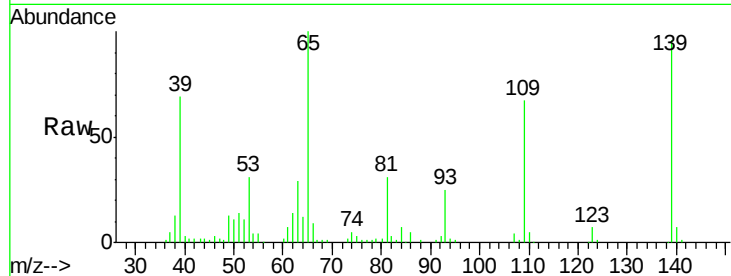




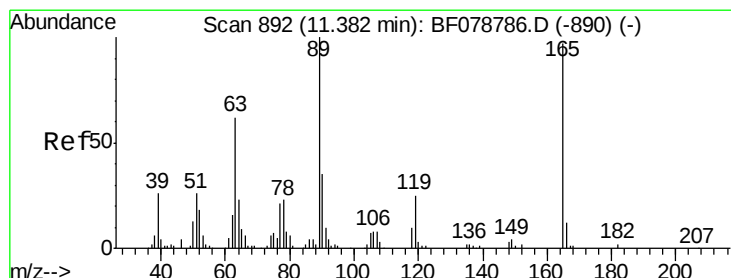
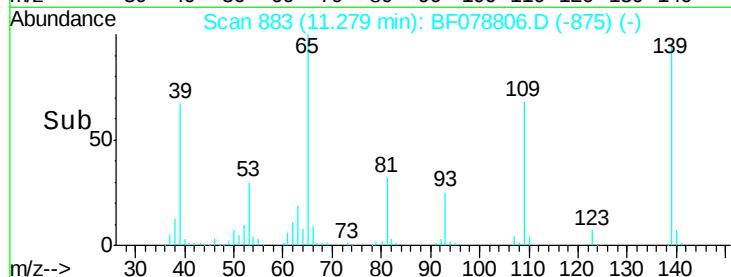
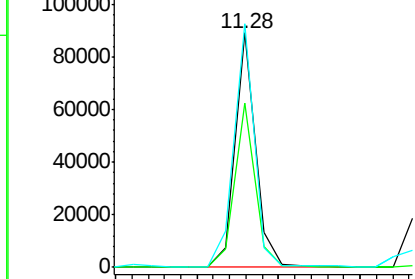
#55
4-Nitrophenol
Concen: 44.17 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 77351
Ion Ratio Lower Upper
139 100
109 69.9 47.6 87.6
65 103.8 54.3 94.3#

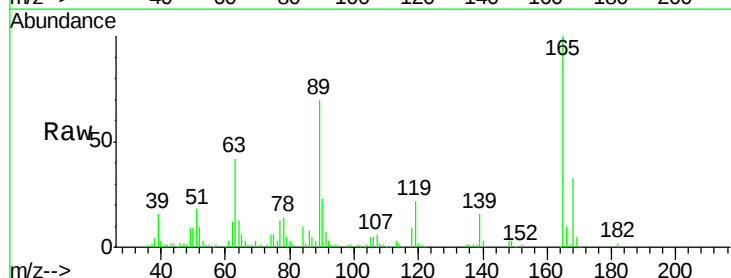


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

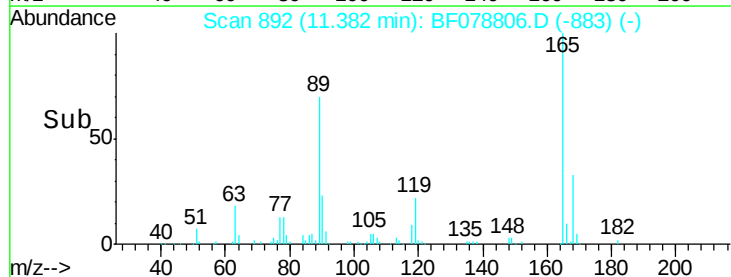
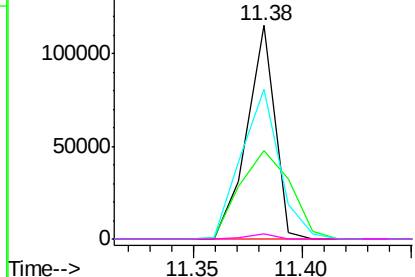


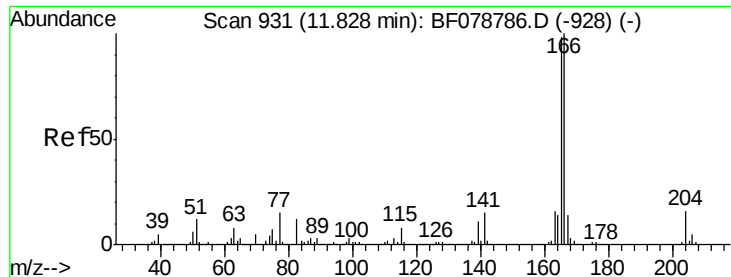
#56
2,4-Dinitrotoluene
Concen: 47.23 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion:165 Resp: 102445
Ion Ratio Lower Upper
165 100
63 41.5 51.2 76.8#
89 70.4 82.7 124.1#
182 2.2 1.4 2.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

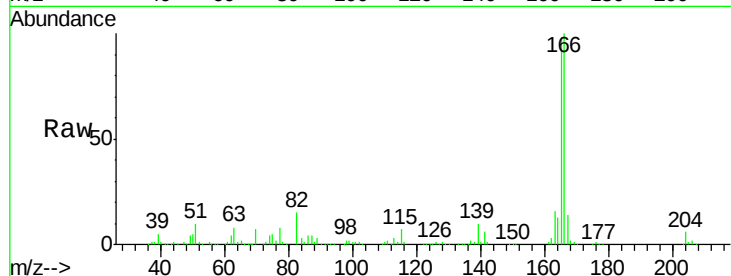




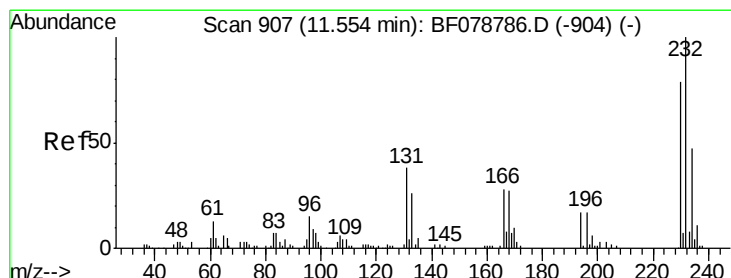
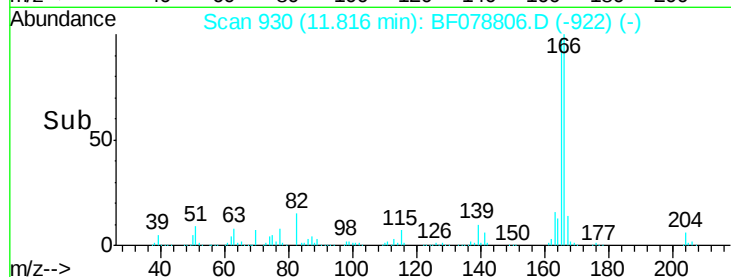
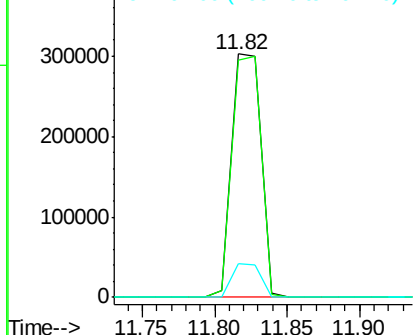
#57
 Fluorene
 Concen: 38.20 ng
 RT: 11.82 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 422730
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.5 117.7
 167 13.7 11.0 16.6

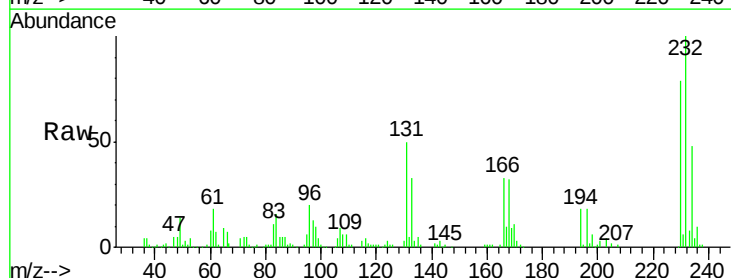


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

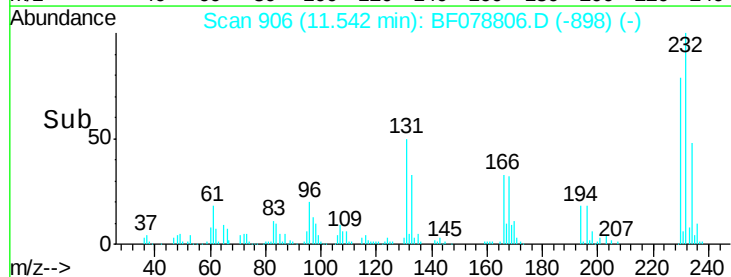
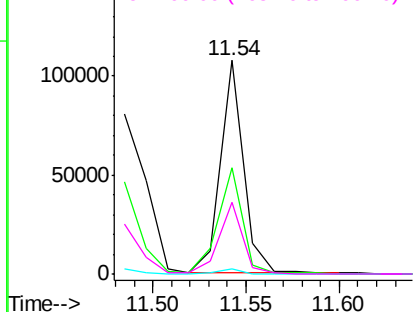


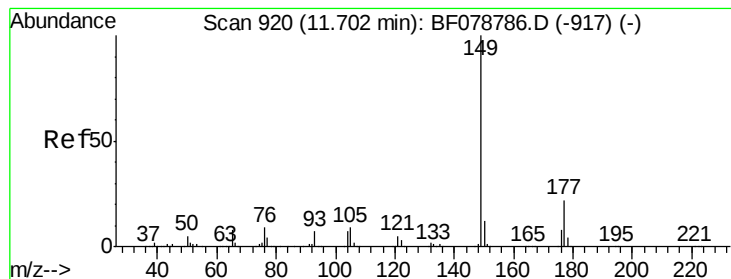
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.26 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion:232 Resp: 93200
 Ion Ratio Lower Upper
 232 100
 131 53.9 0.0 0.0#
 130 2.5 0.0 0.0#
 166 33.9 0.0 0.0#



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: 37.96 ng

RT: 11.69 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

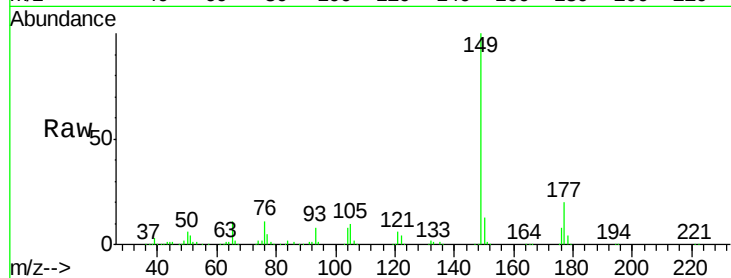
Tot Ion:149 Resp: 420522

Ion Ratio Lower Upper

149 100

177 19.6 17.5 26.3

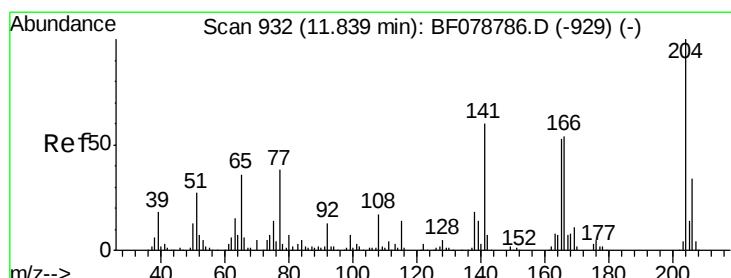
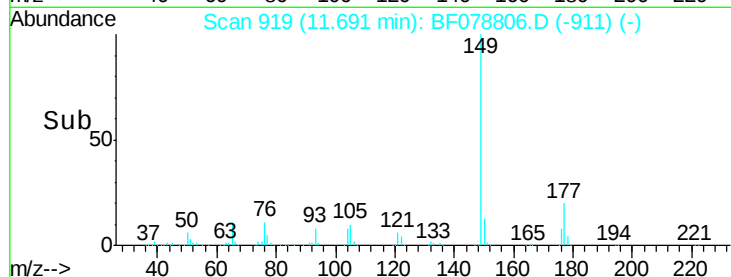
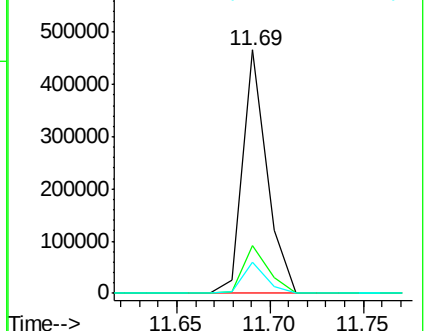
150 12.6 9.6 14.4



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: 37.55 ng

RT: 11.83 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

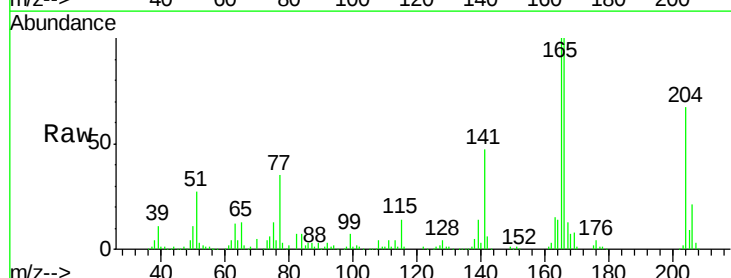
Tgt Ion:204 Resp: 184895

Ion Ratio Lower Upper

204 100

206 32.0 26.9 40.3

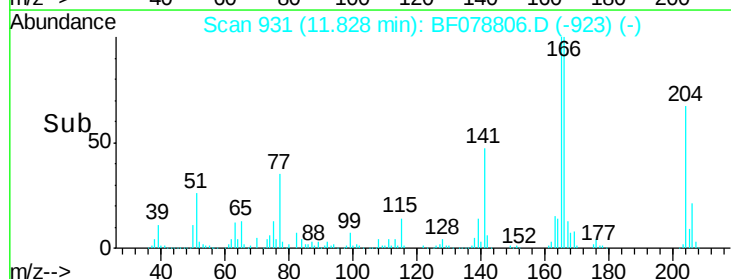
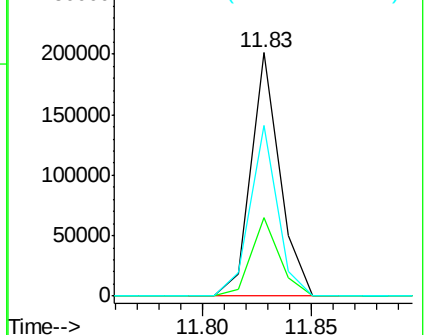
141 70.3 48.3 72.5

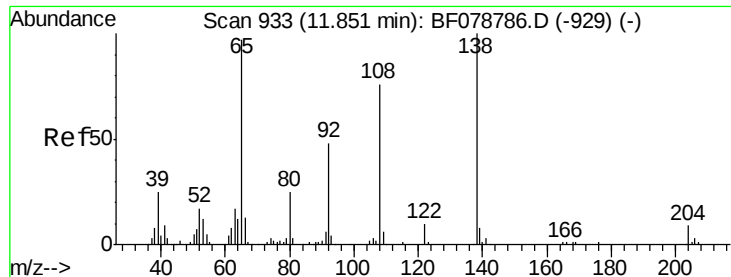


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

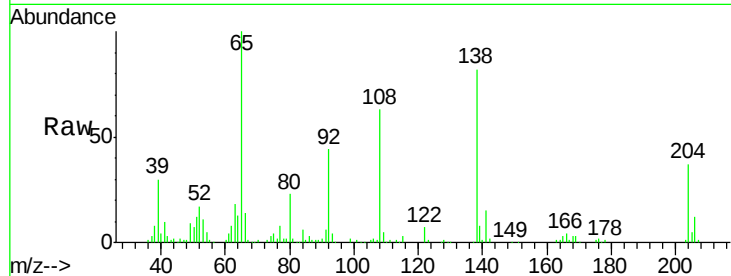




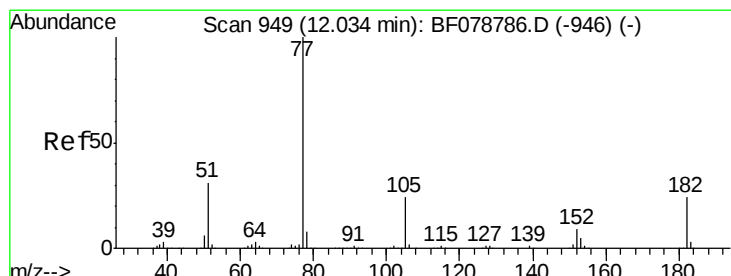
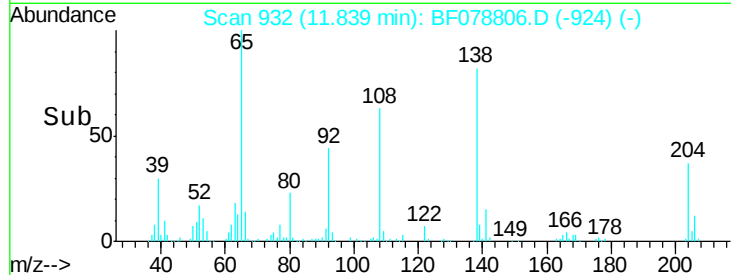
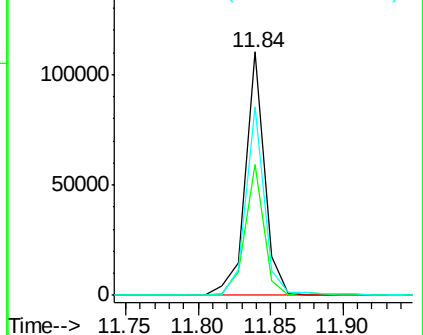
#61
4-Nitroaniline
Concen: 42.75 ng
RT: 11.84 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 101741
Ion Ratio Lower Upper
138 100
92 53.5 28.0 68.0
108 77.2 56.3 96.3



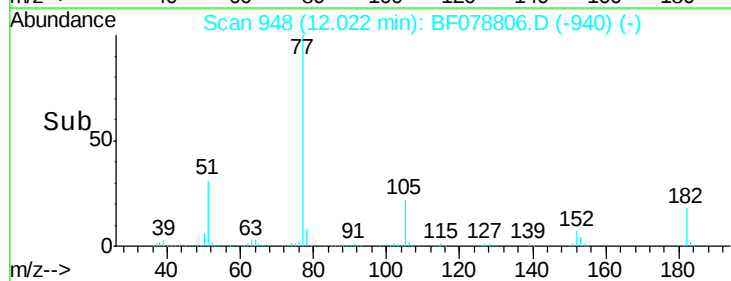
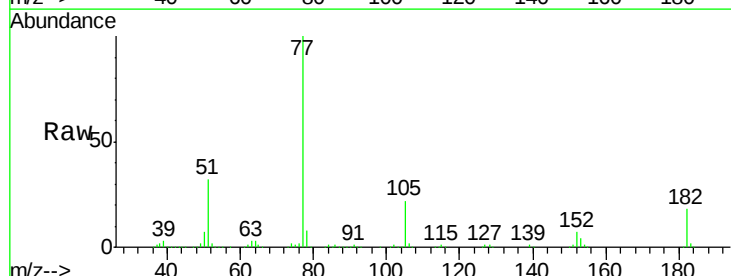
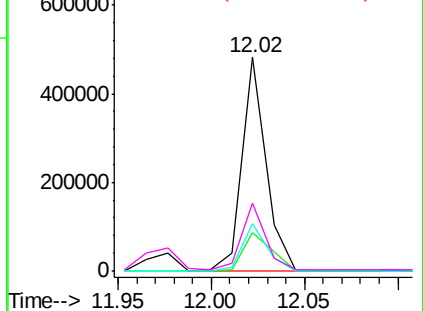
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

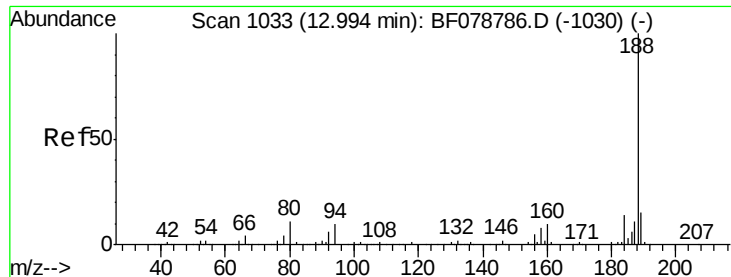


#62
Azobenzene
Concen: 38.28 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion: 77 Resp: 432313
Ion Ratio Lower Upper
77 100
182 17.8 3.8 43.8
105 21.9 3.9 43.9
51 32.0 10.8 50.8

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

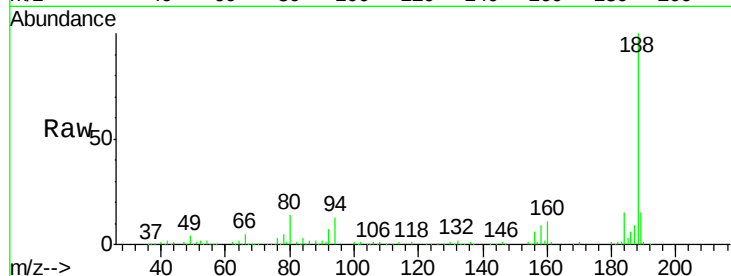




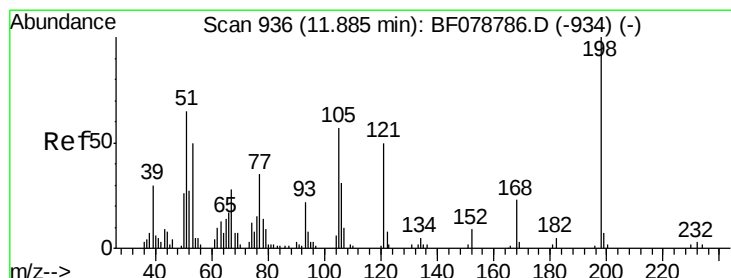
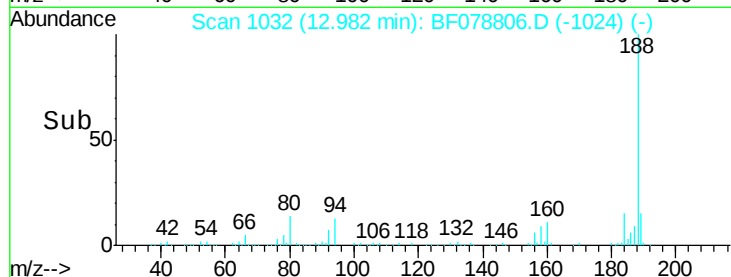
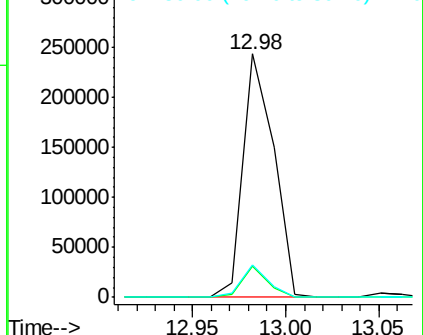
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 282025
 Ion Ratio Lower Upper
 188 100
 94 12.7 8.2 12.2#
 80 13.5 8.9 13.3#

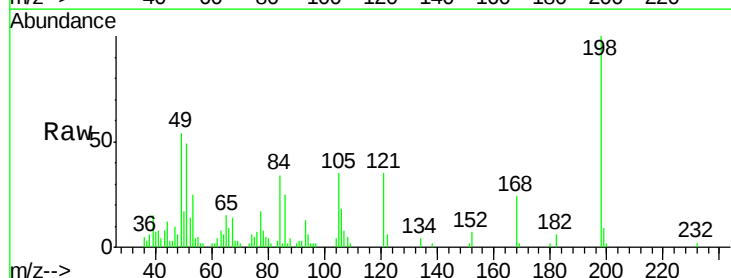


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

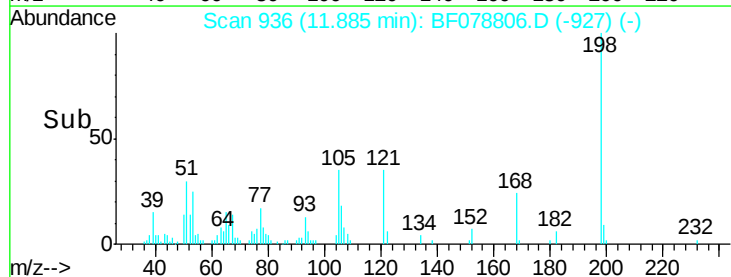
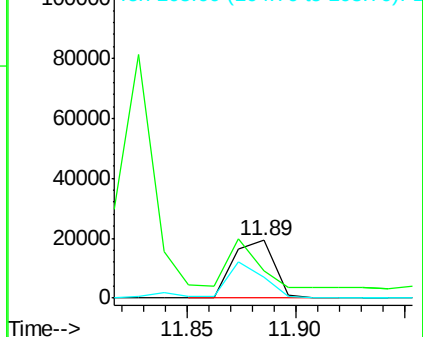


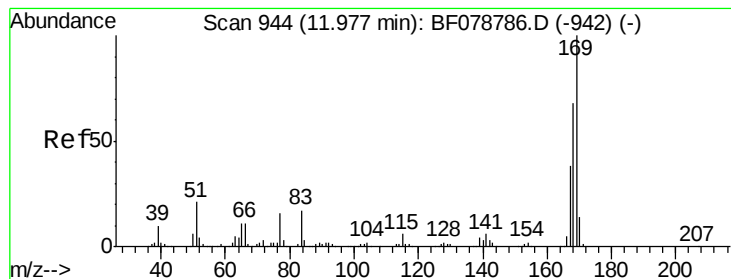
#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.17 ng
 RT: 11.89 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion:198 Resp: 24960
 Ion Ratio Lower Upper
 198 100
 51 48.6 47.3 87.3
 105 35.4 38.8 78.8#



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: 41.24 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

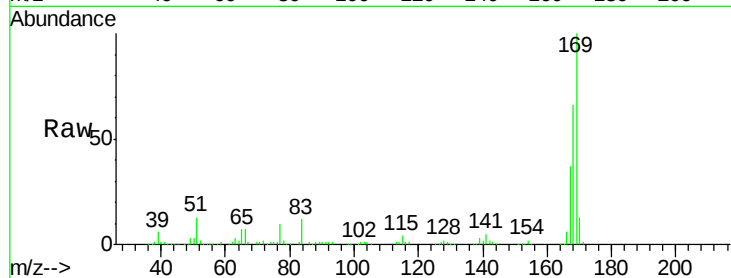
Tot Ion:169 Resp: 376029

Ion Ratio Lower Upper

169 100

168 66.4 54.6 82.0

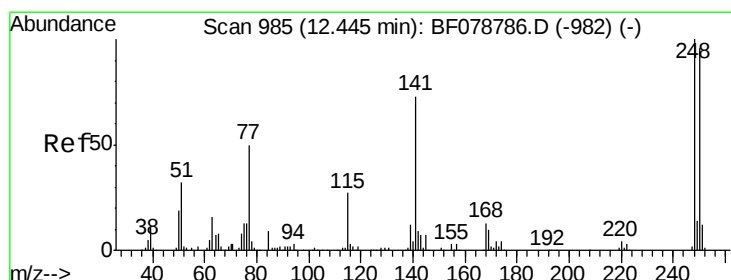
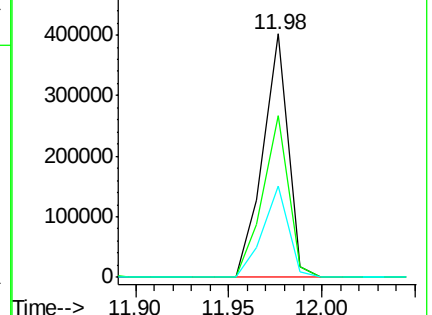
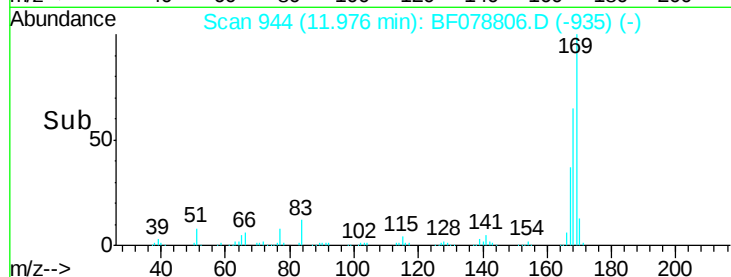
167 37.4 30.6 45.8



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: 39.79 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

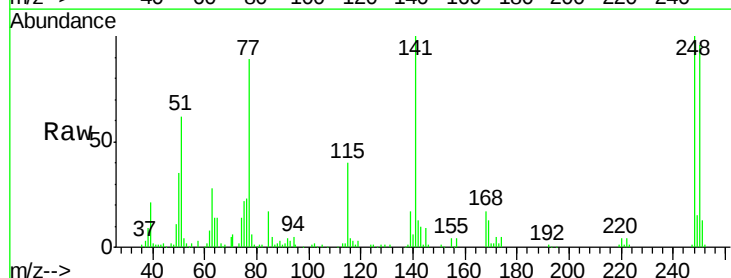
Tgt Ion:248 Resp: 113277

Ion Ratio Lower Upper

248 100

250 95.6 77.1 115.7

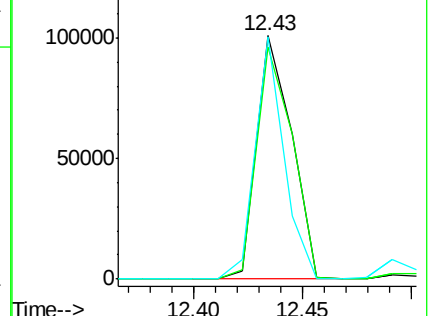
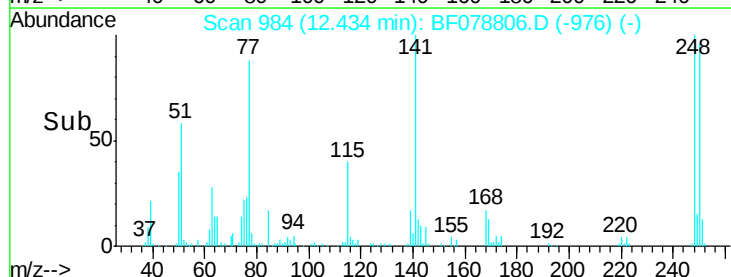
141 99.8 58.8 88.2#

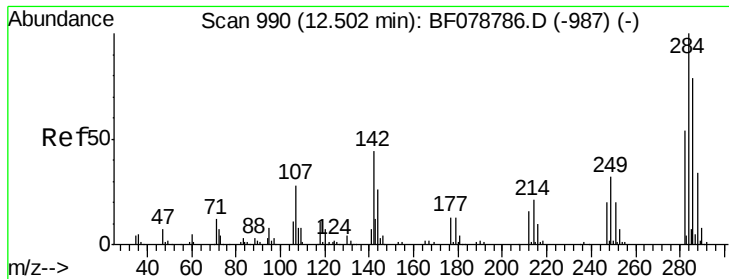


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.76 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

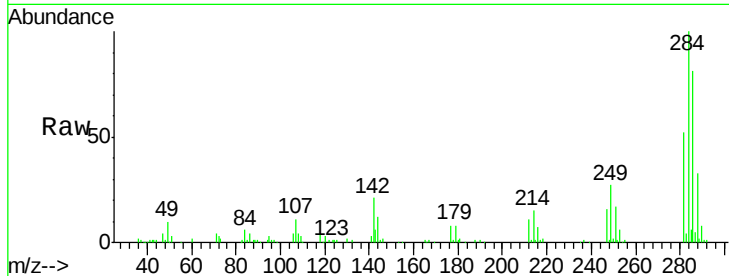
Tot Ion:284 Resp: 128215

Ion Ratio Lower Upper

284 100

142 21.3 35.2 52.8#

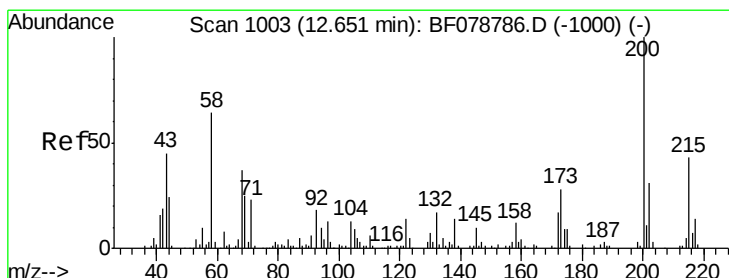
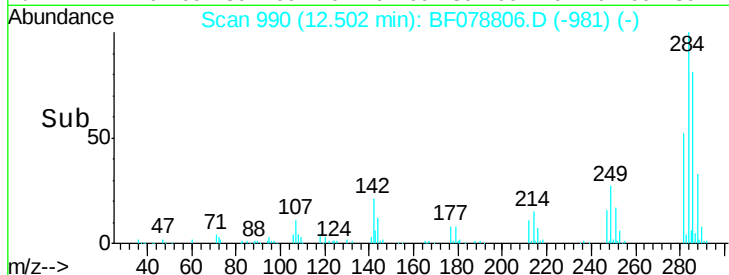
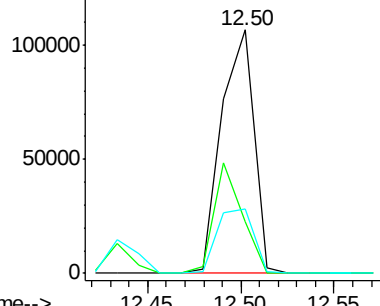
249 26.6 25.4 38.2



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: 43.60 ng

RT: 12.64 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

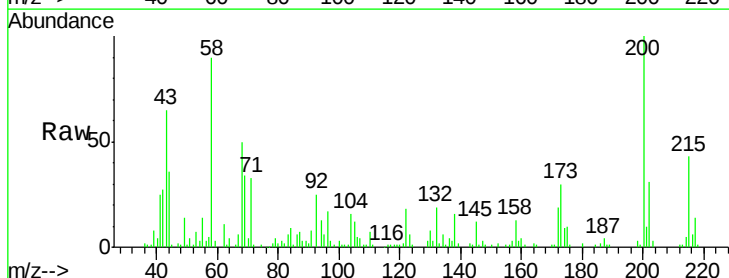
Tgt Ion:200 Resp: 106472

Ion Ratio Lower Upper

200 100

173 29.9 8.1 48.1

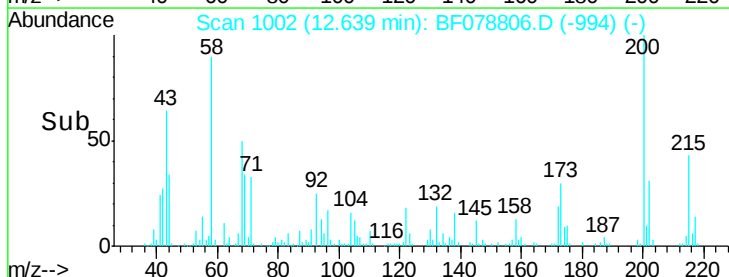
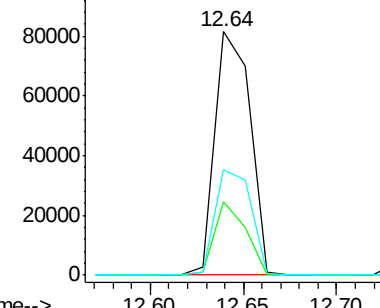
215 43.4 22.9 62.9

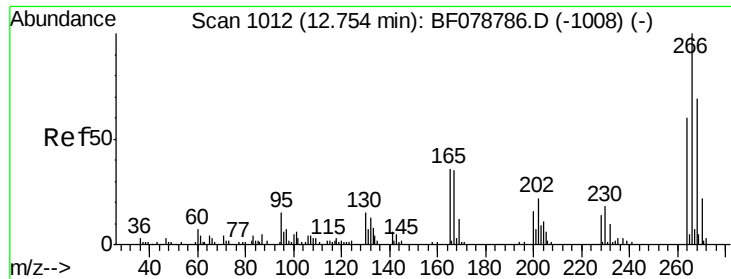


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

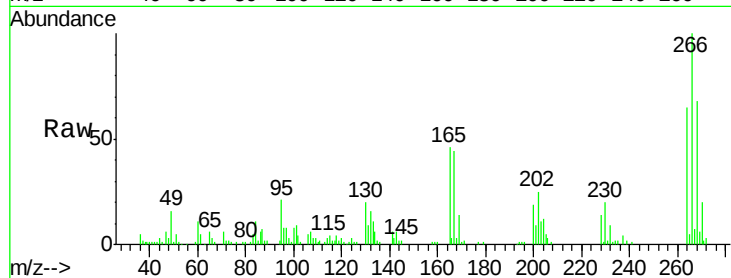




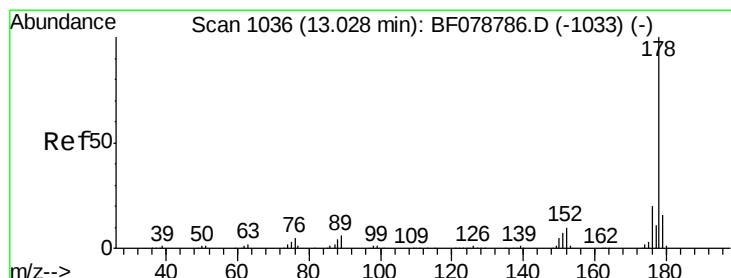
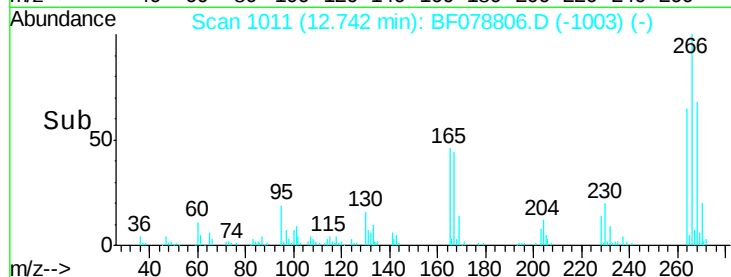
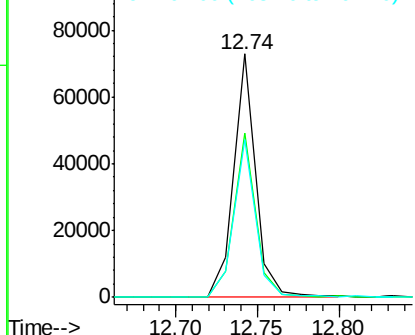
#69
 Pentachlorophenol
 Concen: 48.75 ng
 RT: 12.74 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	55.0	82.6
264	64.9	48.2	72.2

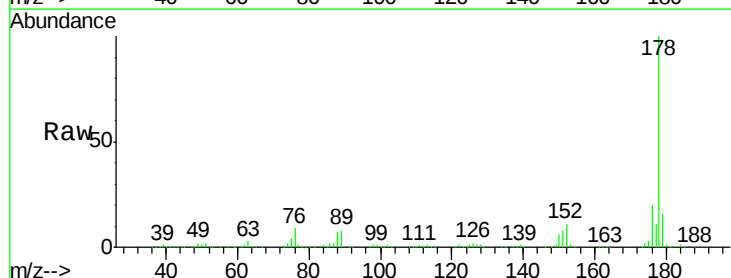


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

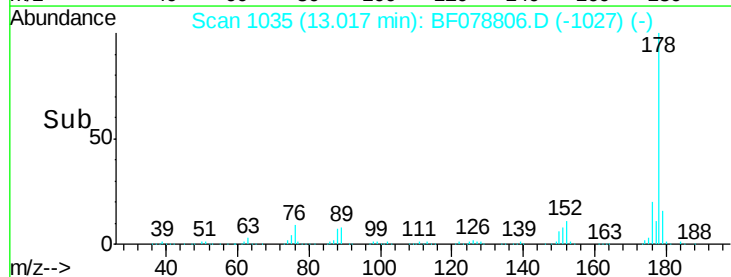
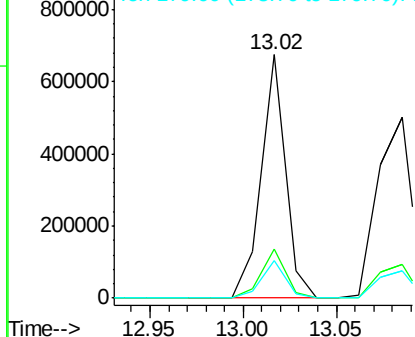


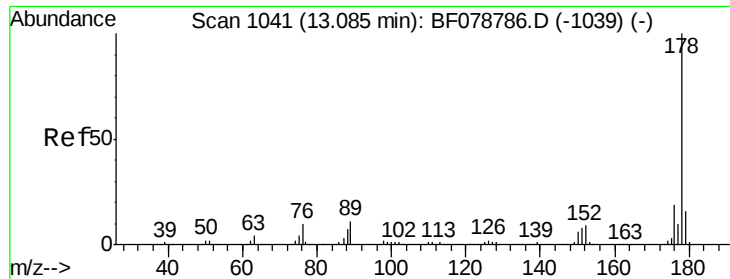
#70
 Phenanthrene
 Concen: 39.53 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.5	12.5	18.7



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

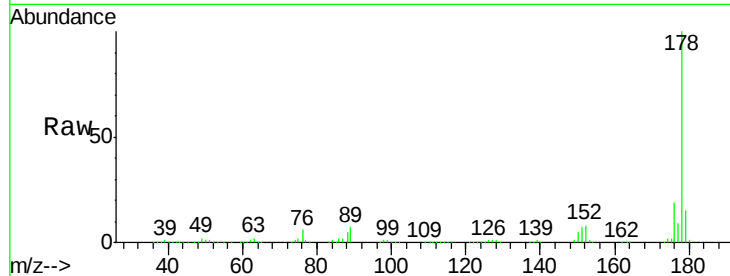




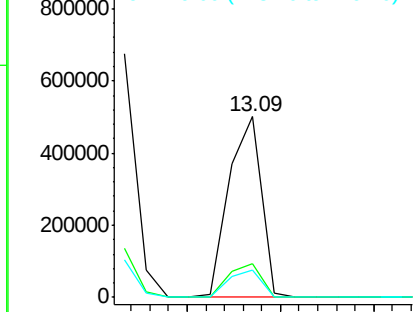
#71
 Anthracene
 Concen: 41.06 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

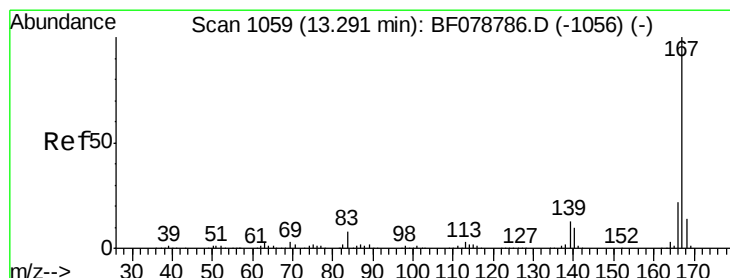
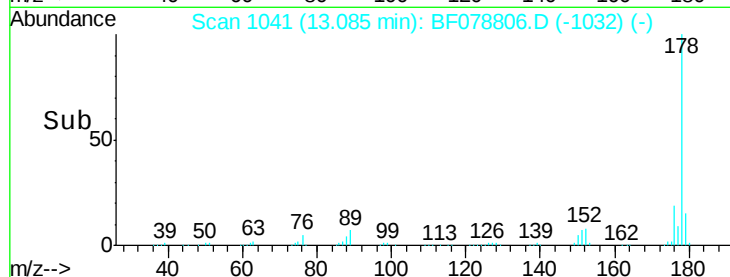
Tot Ion:178 Resp: 612990
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 15.1 12.7 19.1



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

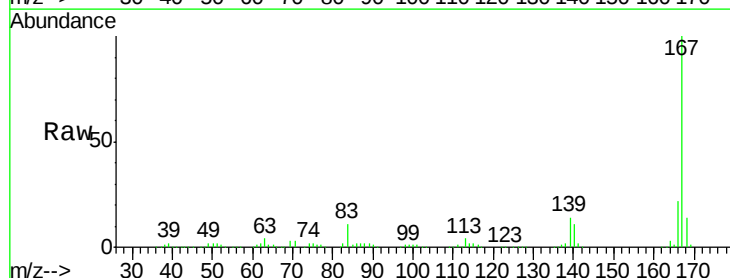


Time-->

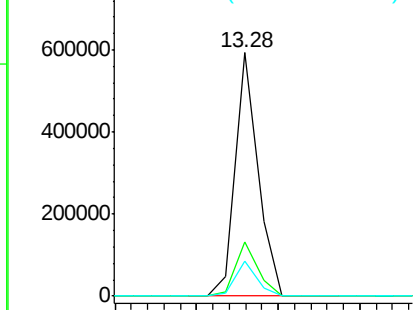


#72
 Carbazole
 Concen: 40.28 ng
 RT: 13.28 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

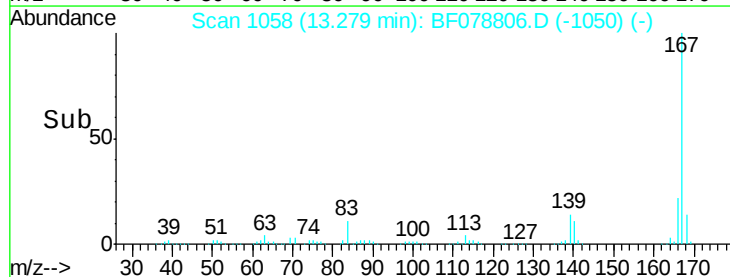
Tgt Ion:167 Resp: 567916
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 14.3 10.6 16.0

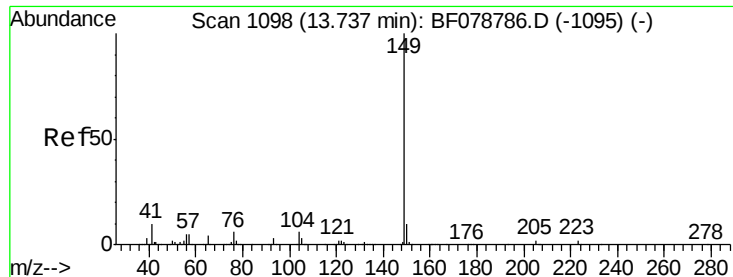


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 42.80 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

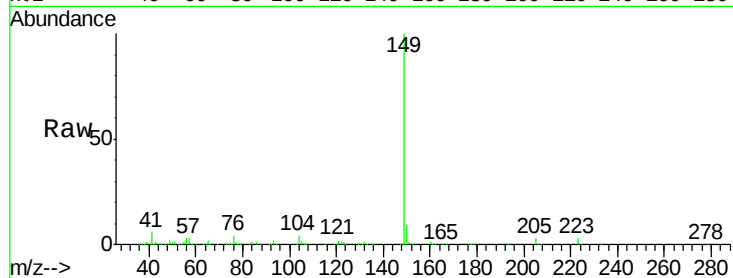
Tot Ion:149 Resp: 699034

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

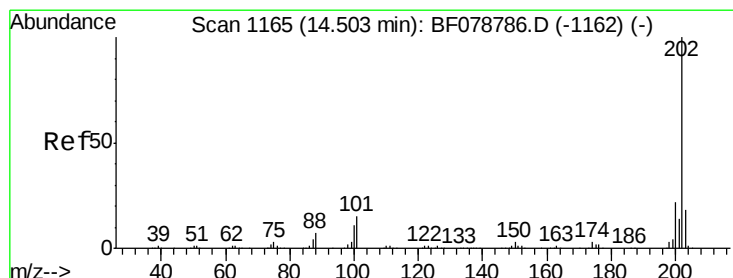
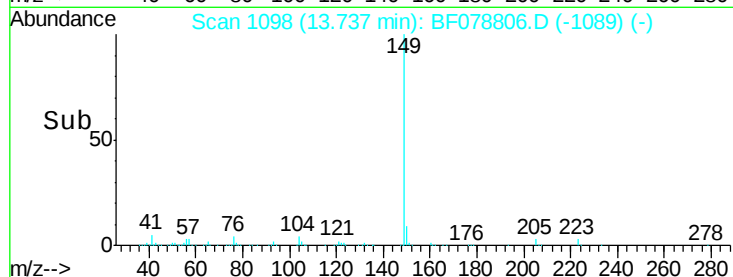
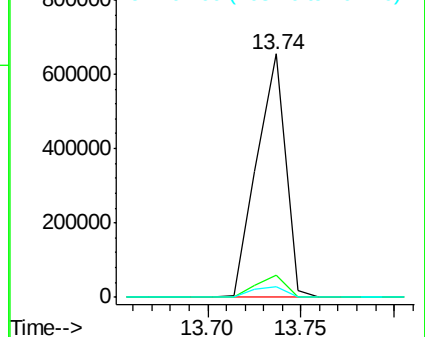
104 4.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.06 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

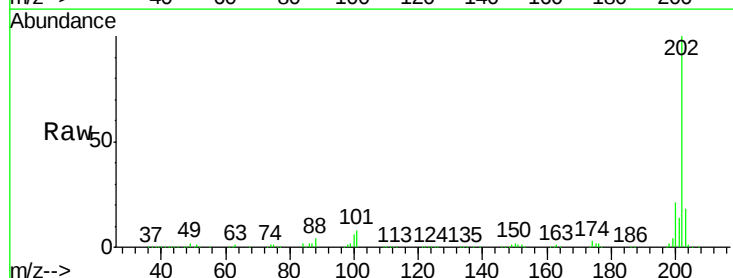
Tgt Ion:202 Resp: 640482

Ion Ratio Lower Upper

202 100

101 8.1 0.0 34.6

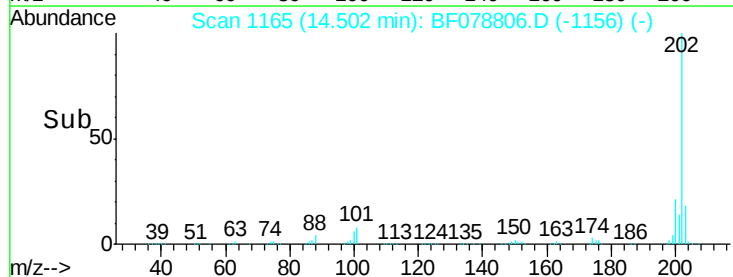
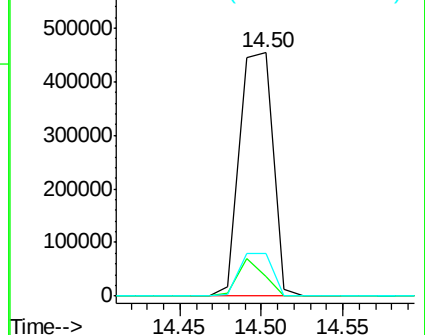
203 17.6 0.0 38.4

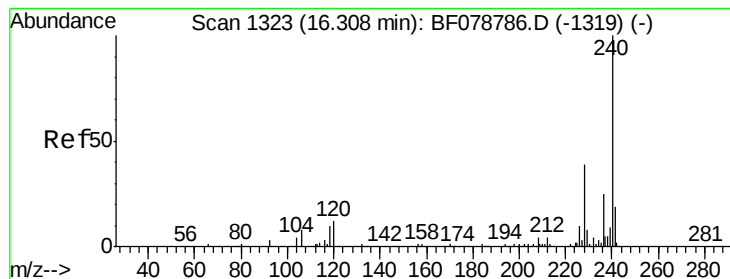


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

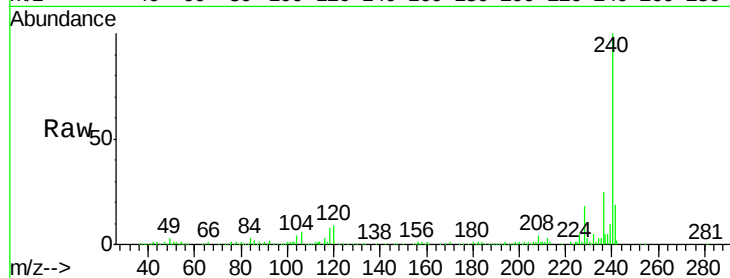
Tot Ion:240 Resp: 292328

Ion Ratio Lower Upper

240 100

120 9.5 9.7 14.5#

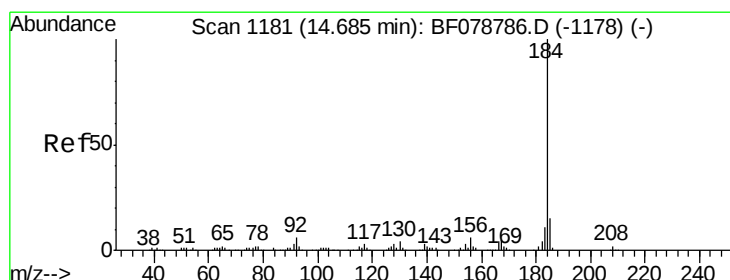
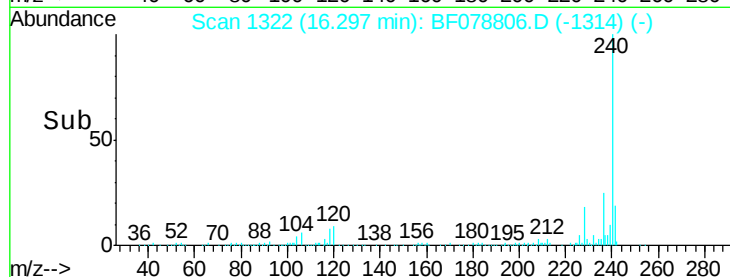
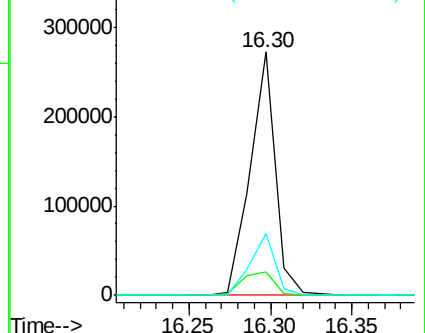
236 25.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.41 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

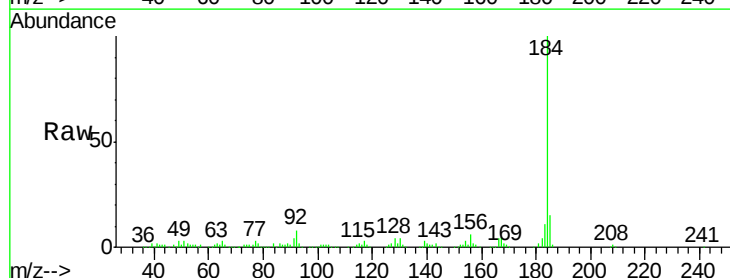
Tgt Ion:184 Resp: 306719

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

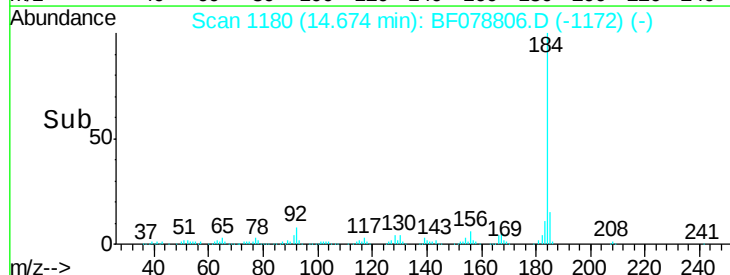
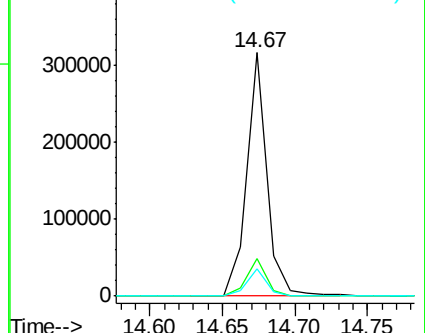
183 11.0 8.4 12.6

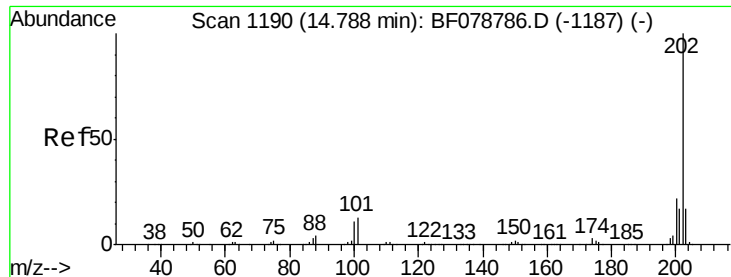


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

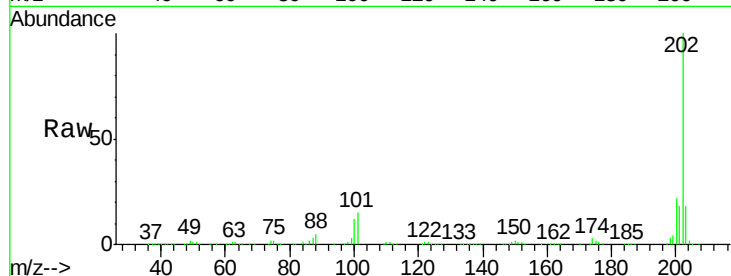




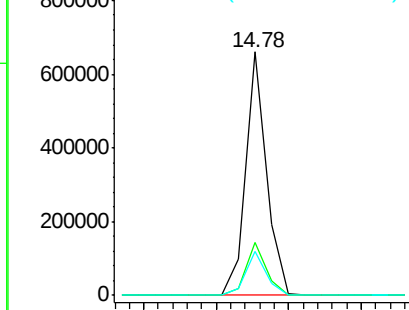
#77
Pvrene
Concen: 38.54 ng
RT: 14.78 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Instrument :
BNA_F
ClientSampleId :

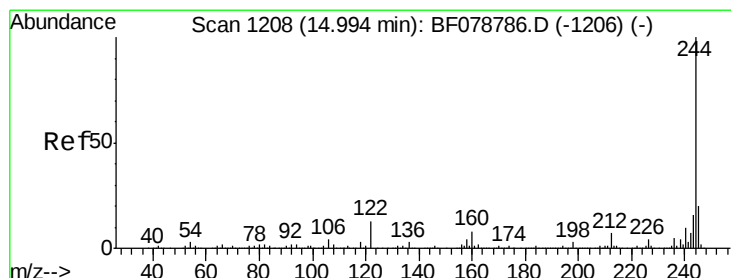
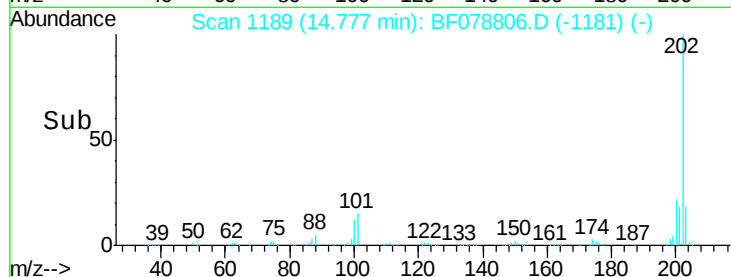
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	18.2	13.9	20.9



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

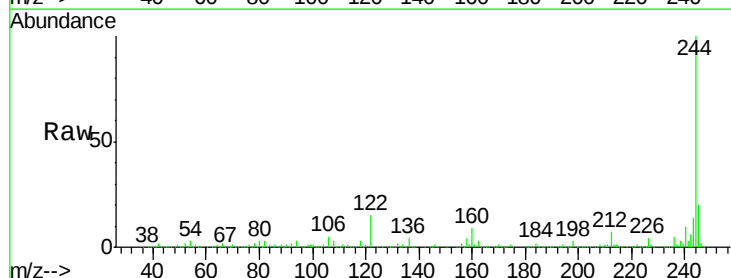


Time--> 14.70 14.75 14.80 14.85

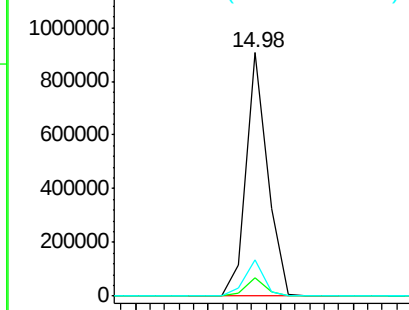


#78
Terphenyl-d14
Concen: 75.96 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

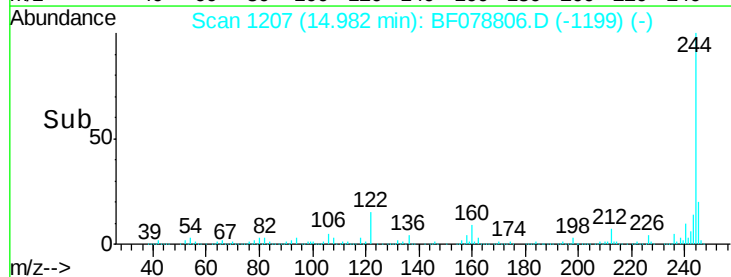
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	14.9	10.3	15.5

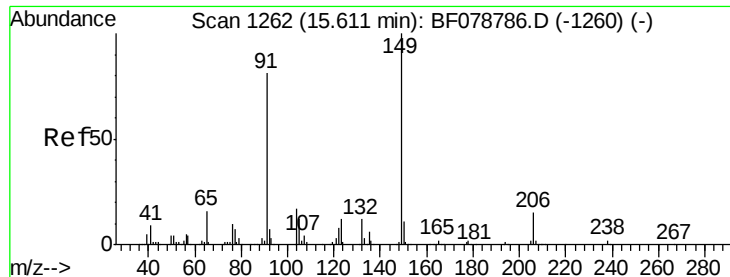


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 14.90 14.95 15.00 15.05

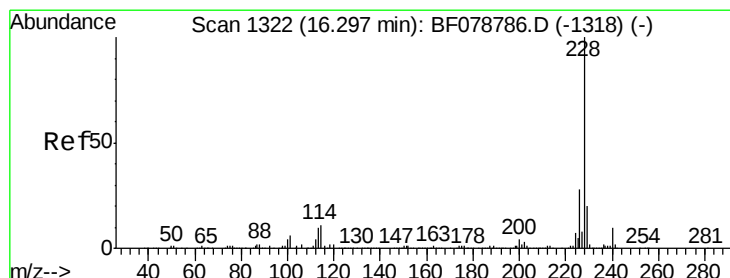
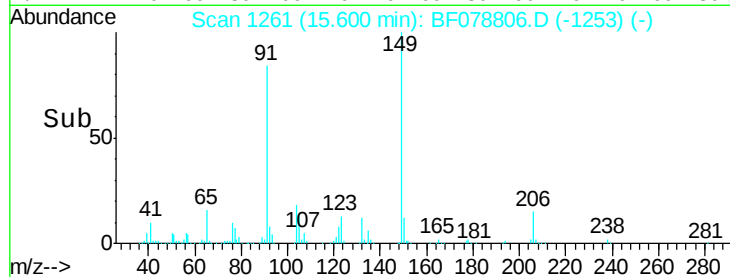
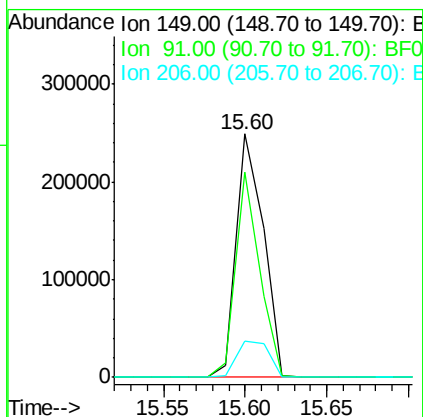
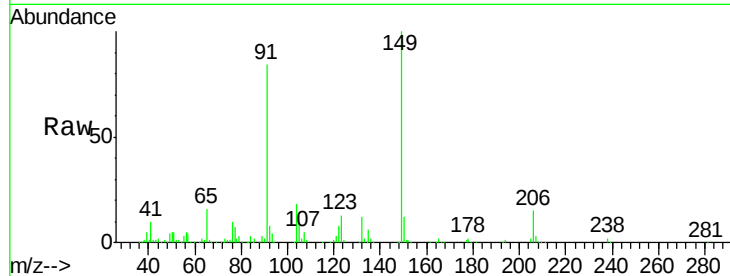




#79
Butylbenzylphthalate
Concen: 43.63 ng
RT: 15.60 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

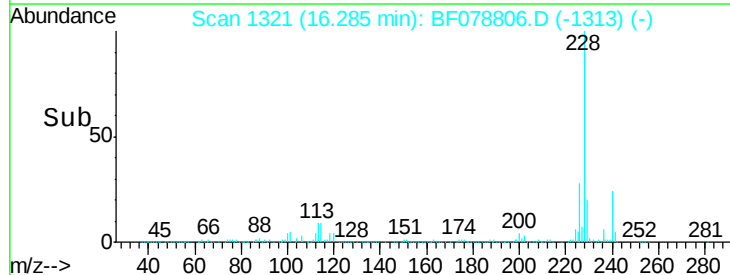
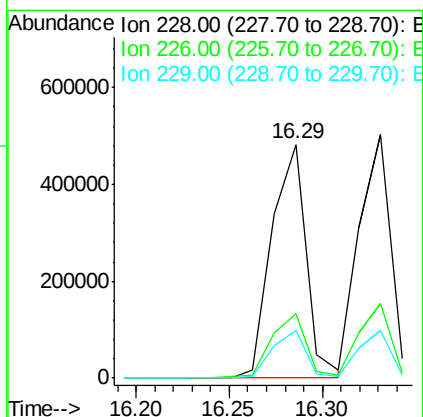
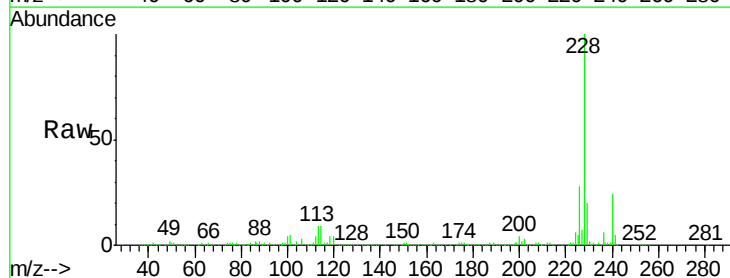
Instrument :
BNA_F
ClientSampleId :

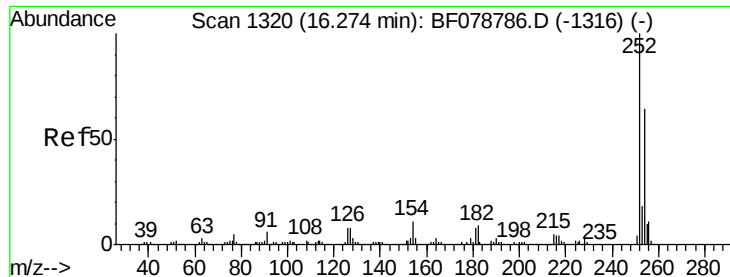
Tot Ion:149 Resp: 285737
Ion Ratio Lower Upper
149 100
91 84.0 64.6 97.0
206 14.7 12.2 18.4



#80
Benzo(a)anthracene
Concen: 39.52 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion:228 Resp: 619827
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.3 15.9 23.9

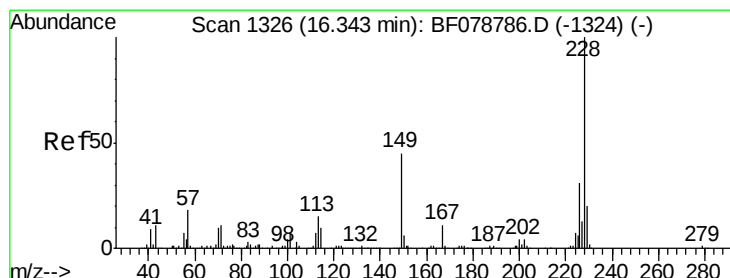
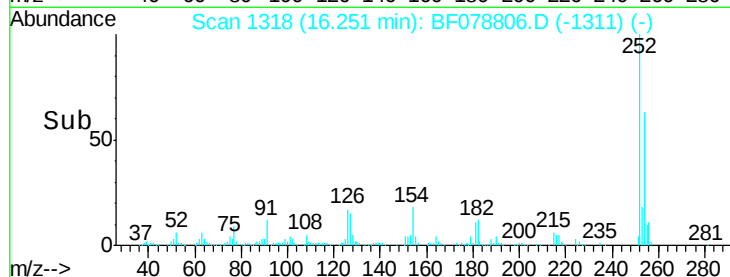
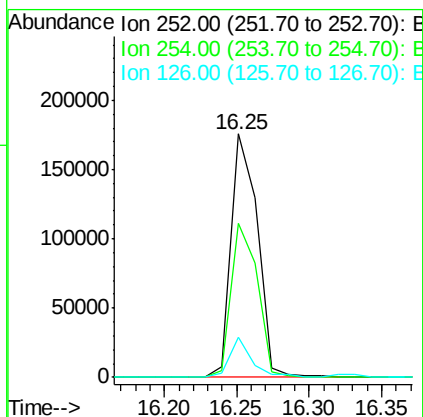
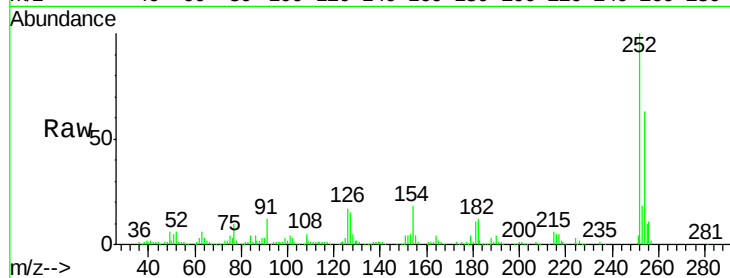




#81
 3,3'-Dichlorobenzidine
 Concen: 41.72 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

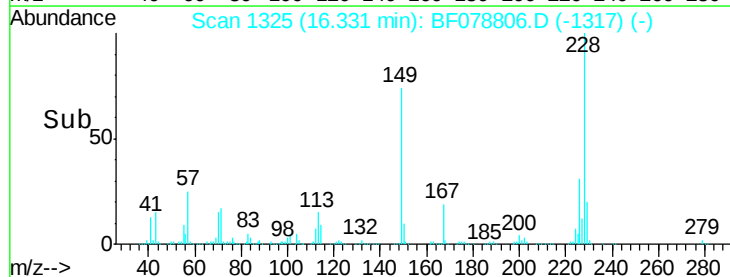
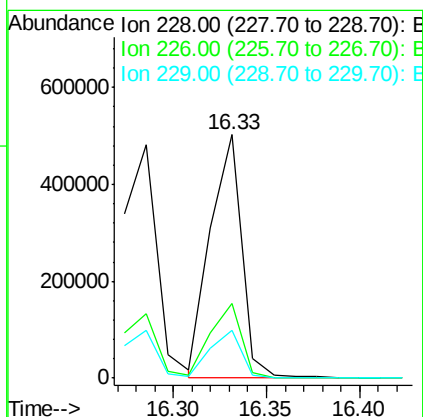
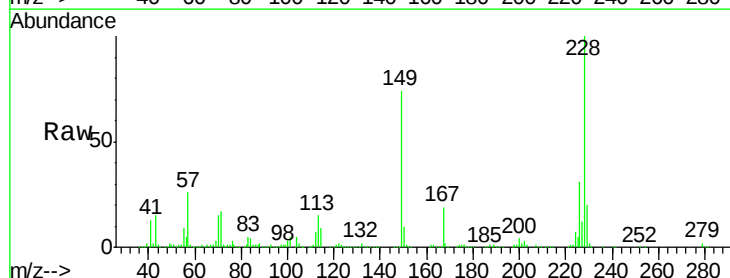
Instrument :
 BNA_F
 ClientSampleId :

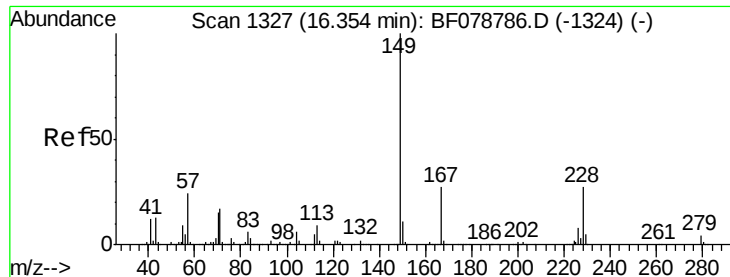
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.3	76.9
126	16.5	6.6	10.0



#82
 Chrysene
 Concen: 38.45 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.01 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampled :

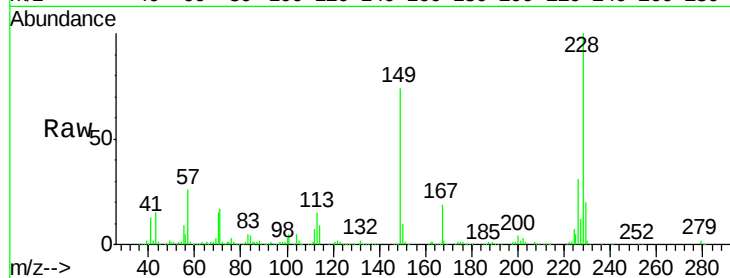
Tot Ion:149 Resp: 431195

Ion Ratio Lower Upper

149 100

167 25.5 21.8 32.8

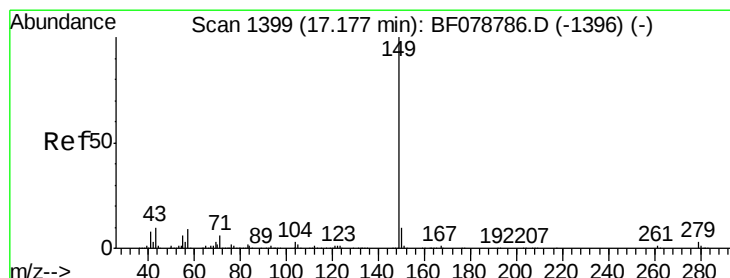
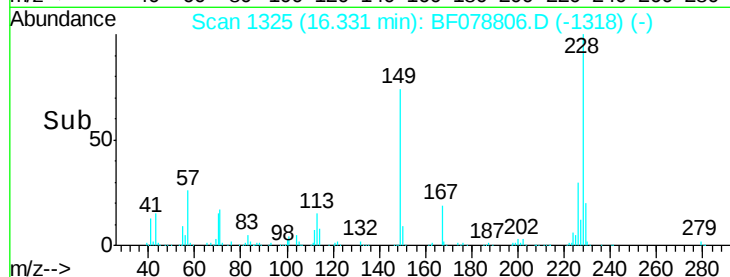
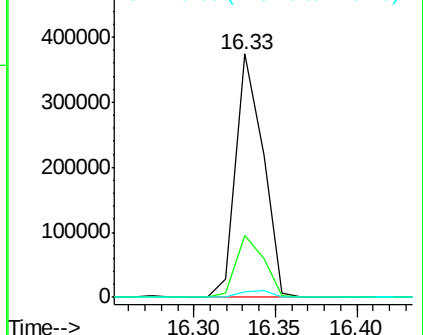
279 2.2 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.48 ng

RT: 17.15 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

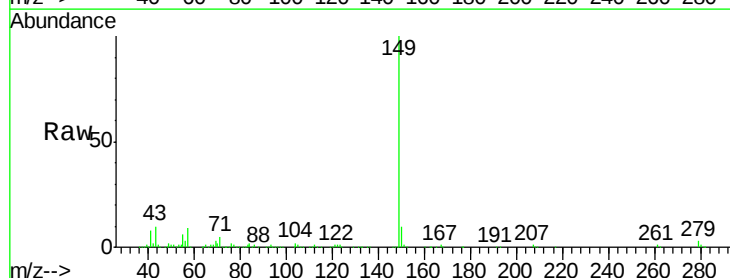
Tgt Ion:149 Resp: 708968

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

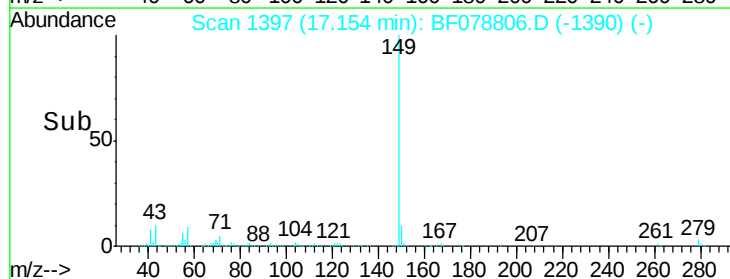
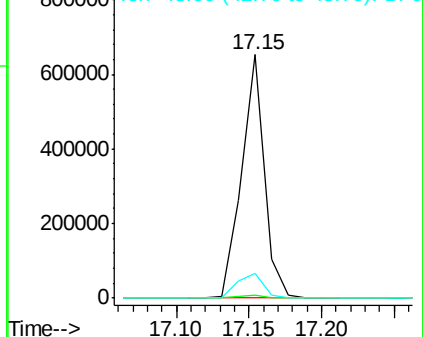
43 11.5 0.0 0.0#

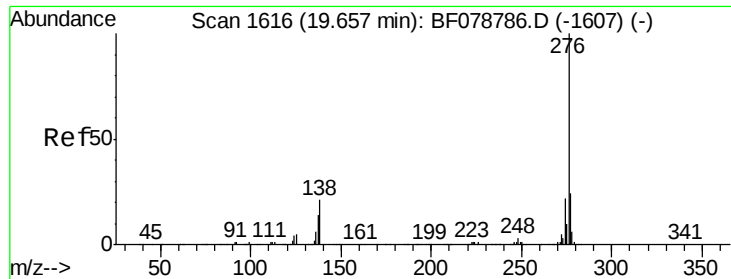


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

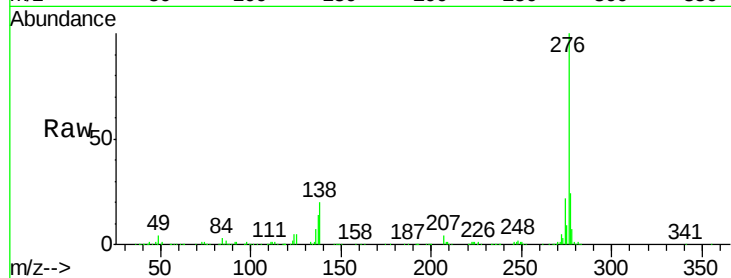




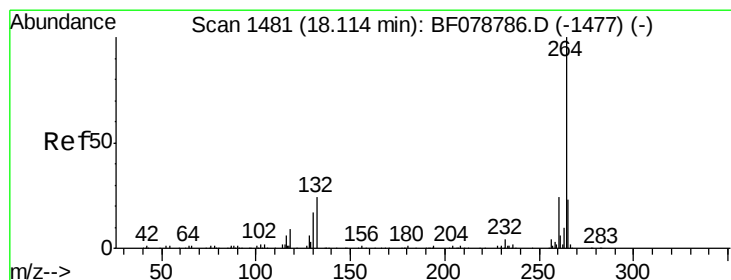
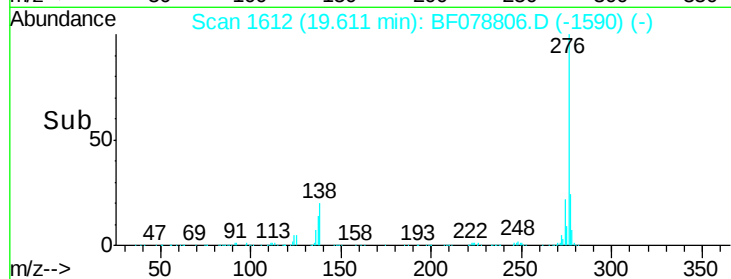
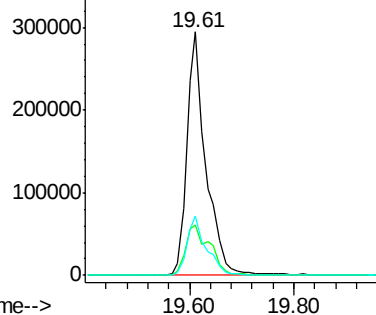
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.04 ng
 RT: 19.61 min Scan# 1612
 Delta R.T. -0.05 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	0.0	0.0#
277	25.1	0.0	0.0#

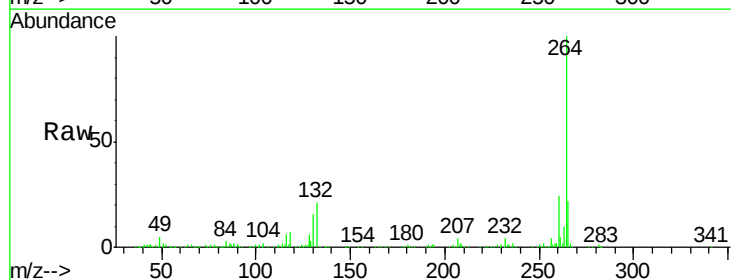


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

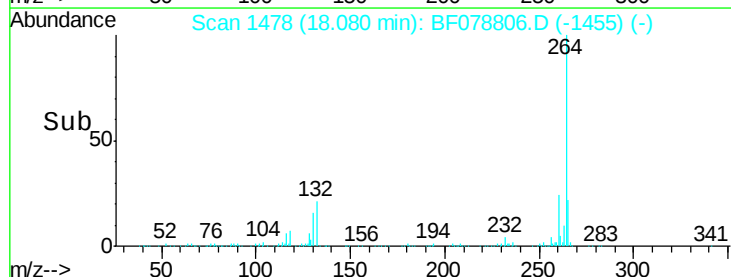
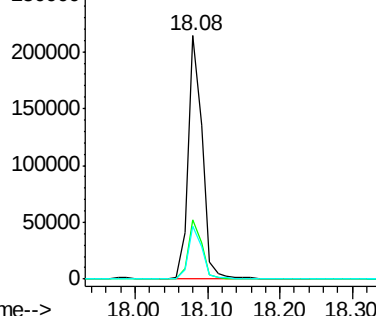


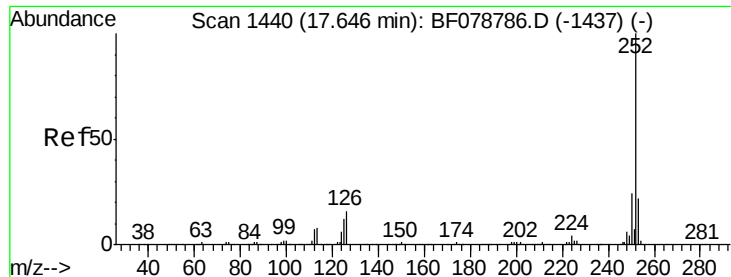
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF078806.D
 Acq: 29 Apr 2015 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.9	18.3	27.5



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

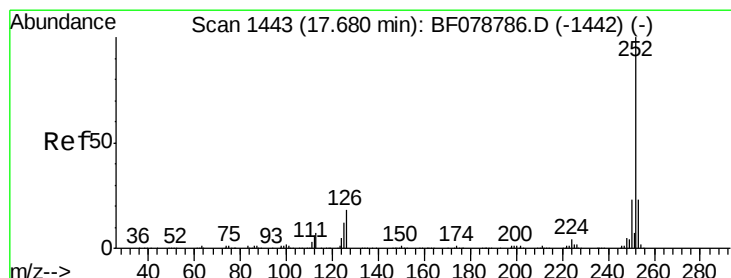
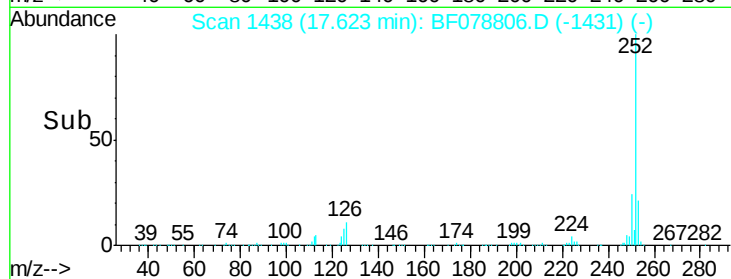
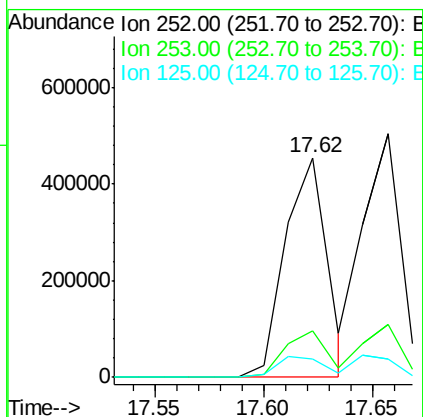
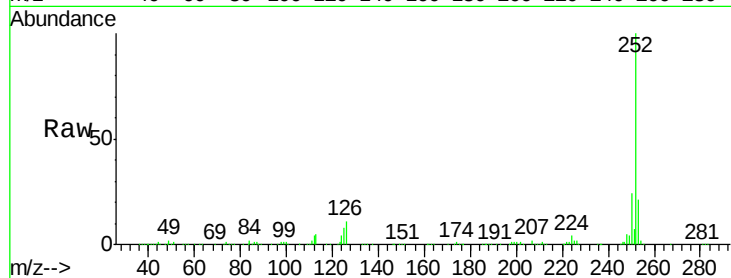




#87
Benzo(b)fluoranthene
Concen: 39.15 ng
RT: 17.62 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

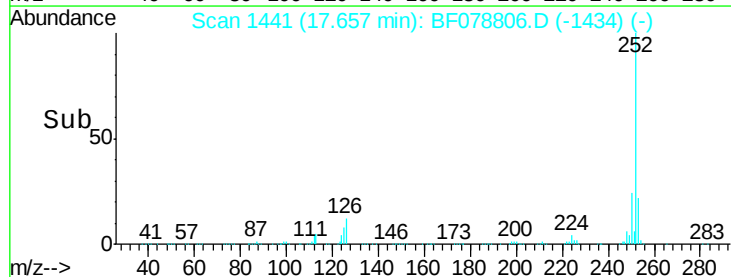
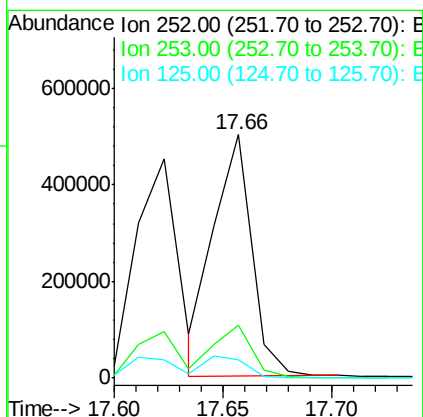
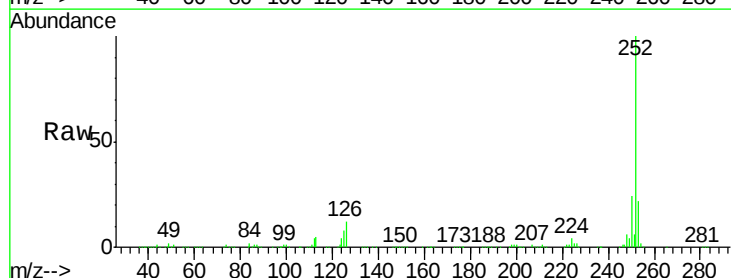
Instrument :
BNA_F
ClientSampleId :

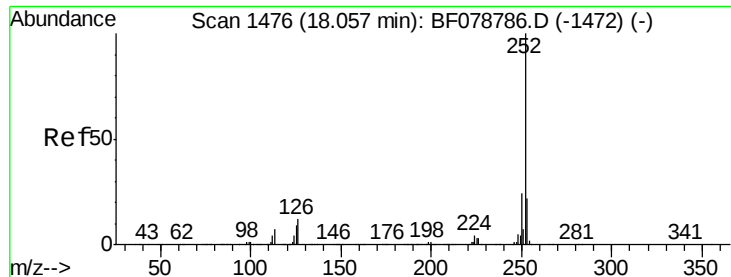
Tot Ion:252 Resp: 612128
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 8.1 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 40.49 ng
RT: 17.66 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion:252 Resp: 613524
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 7.7 10.0 15.0#

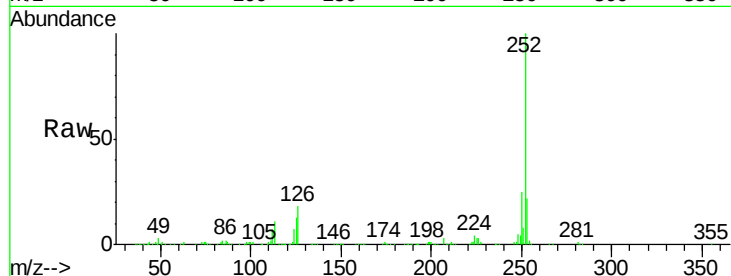




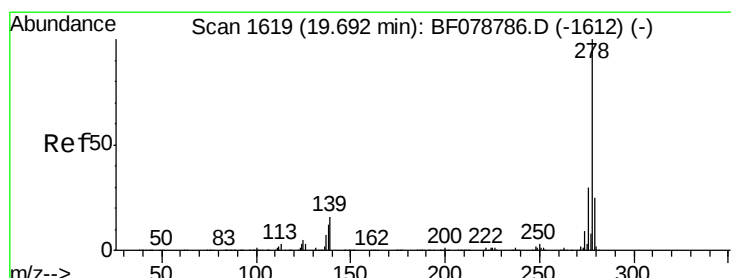
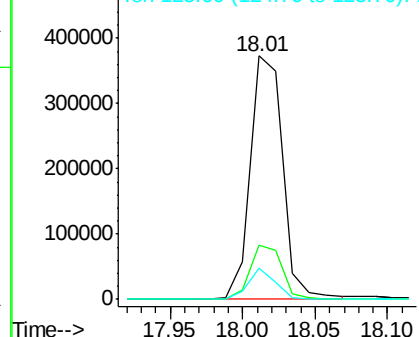
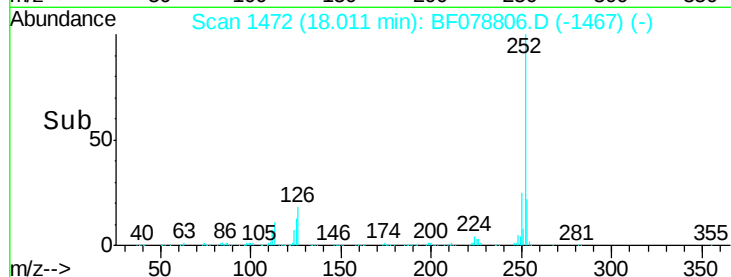
#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.05 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 577775
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 13.0 7.0 10.6#

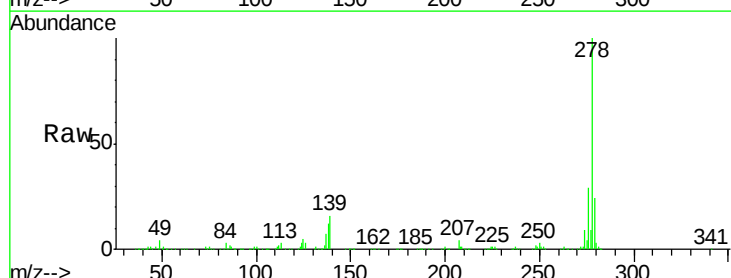


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

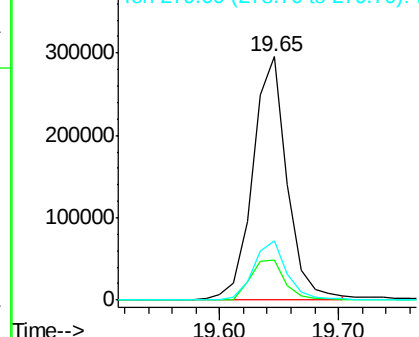
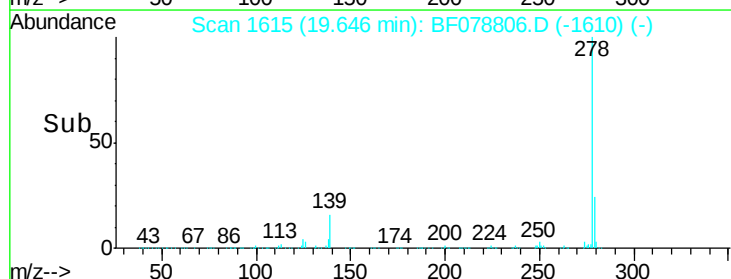


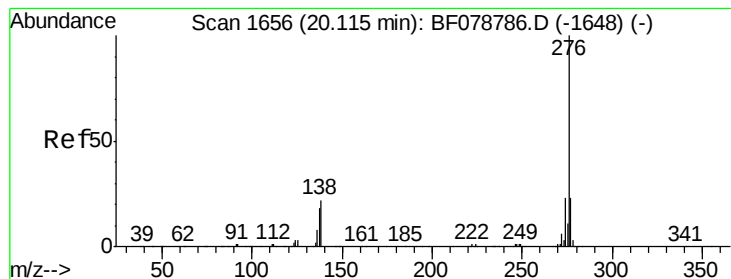
#90
Dibenzo(a,h)anthracene
Concen: 41.10 ng
RT: 19.65 min Scan# 1615
Delta R.T. -0.05 min
Lab File: BF078806.D
Acq: 29 Apr 2015 10:51

Tgt Ion:278 Resp: 595396
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 24.2 19.6 29.4



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(a,h,i)perylene

Concen: 41.59 ng

RT: 20.07 min Scan# 1652

Delta R.T. -0.05 min

Lab File: BF078806.D

Acq: 29 Apr 2015 10:51

Instrument :

BNA_F

ClientSampleId :

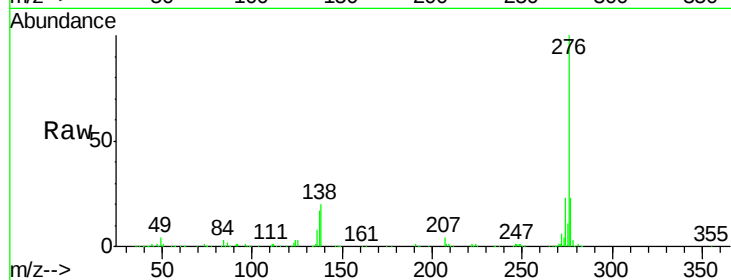
Tot Ion:276 Resp: 604822

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 20.1 17.4 26.0



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

