

Data Path : Z:\HPCHEM1\BNA F\Data\BF020415\
 Data File : BF077182.D
 Acq On : 4 Feb 2015 17:25
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 00:54:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 00:32:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42226	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	179321	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	96760	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	165290	20.00	ng	0.00
75) Chrysene-d12	21.07	240	168271	20.00	ng	0.00
86) Perylene-d12	22.71	264	154123	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.69	112	197706	76.98	ng	0.00
7) Phenol-d6	7.09	99	252908	78.06	ng	0.01
23) Nitrobenzene-d5	9.00	82	263164	81.30	ng	0.01
41) 2,4,6-Tribromophenol	16.45	330	60994	77.66	ng	0.01
44) 2-Fluorobiphenyl	13.25	172	514974	80.99	ng	0.01
78) Terphenyl-d14	19.81	244	562624	76.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.09	88	39302	35.74	ng	93
3) Pyridine	1.53	79	108335	38.07	ng	98
4) n-Nitrosodimethylamine	1.49	42	61809	43.85	ng	96
6) Aniline	6.97	93	177905	39.68	ng	98
8) 2-Chlorophenol	7.21	128	119288	40.29	ng	95
9) Benzaldehyde	6.68	77	72238	38.89	ng	95
10) Phenol	7.12	94	131139	38.12	ng	89
11) bis(2-Chloroethyl)ether	7.23	93	110447	41.03	ng	# 75
12) 1,3-Dichlorobenzene	7.53	146	136483	40.52	ng	93
13) 1,4-Dichlorobenzene	7.72	146	139705	39.11	ng	98
14) 1,2-Dichlorobenzene	8.03	146	134052	40.73	ng	98
15) Benzyl Alcohol	8.13	79	105065	40.08	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	147482	40.76	ng	92
17) 2-Methylphenol	8.49	107	94628	39.11	ng	99
18) Hexachloroethane	8.77	117	52247	42.05	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	89478	39.45	ng	97
20) 3+4-Methylphenols	8.86	107	117080	36.54	ng	96
22) Acetophenone	8.68	105	174597	39.75	ng	100
24) Nitrobenzene	9.04	77	130097	39.45	ng	97
25) Isophorone	9.64	82	237251	40.25	ng	95
26) 2-Nitrophenol	9.78	139	60754	36.42	ng	# 91
27) 2,4-Dimethylphenol	10.06	122	102925	40.37	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	136654	40.79	ng	98
29) 2,4-Dichlorophenol	10.37	162	88860	37.39	ng	99
30) 1,2,4-Trichlorobenzene	10.51	180	108317	41.04	ng	98
31) Naphthalene	10.64	128	363087	39.33	ng	100
32) Benzoic acid	10.49	122	23619	16.72	ng	95
33) 4-Chloroaniline	10.90	127	144930	38.85	ng	97
34) Hexachlorobutadiene	11.00	225	64509	41.19	ng	98
36) 4-Chloro-3-methylphenol	12.20	107	104087	38.25	ng	98
37) 2-Methylnaphthalene	12.29	142	251369	39.87	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	96355	40.28	ng	98
40) Hexachlorocyclopentadiene	12.68	237	46086	38.32	ng	97
42) 2,4,6-Trichlorophenol	13.05	196	66985	38.43	ng	97

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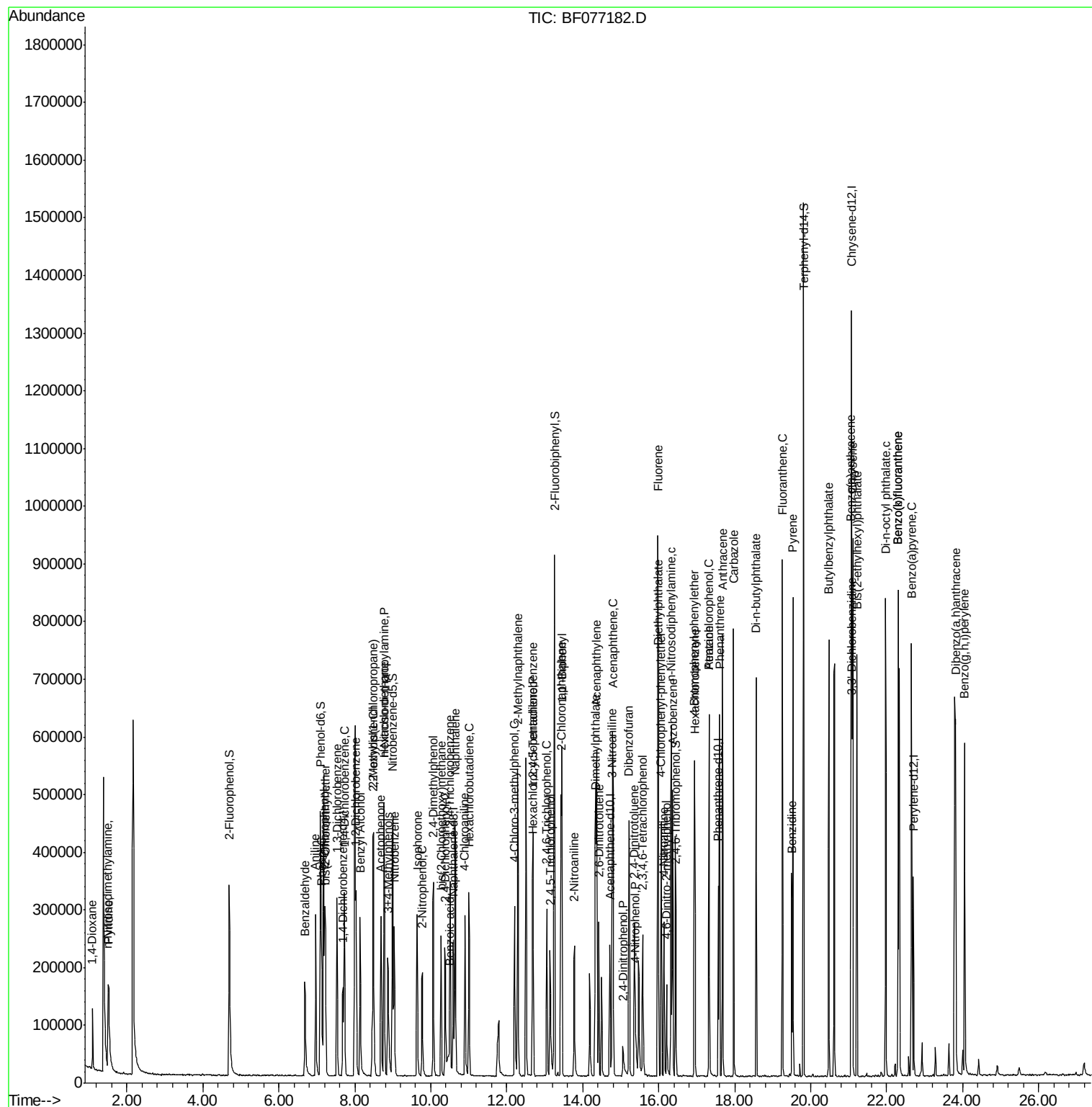
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.14	196	62786	35.32	nq	96
45) 1,1'-Biphenyl	13.45	154	295869	41.25	nq	99
46) 2-Chloronaphthalene	13.43	162	237121	40.17	nq	99
47) 2-Nitroaniline	13.78	65	73427	41.00	nq	# 83
48) Acenaphthylene	14.36	152	410614	41.24	nq	100
49) Dimethylphthalate	14.33	163	275994	40.22	nq	98
50) 2,6-Dinitrotoluene	14.42	165	58427	42.62	nq	87
51) Acenaphthene	14.79	154	221690	39.24	nq	96
52) 3-Nitroaniline	14.77	138	66801	37.72	nq	93
53) 2,4-Dinitrophenol	15.06	184	14694	31.24	nq	96
54) Dibenzofuran	15.22	168	336239	40.86	nq	99
55) 4-Nitrophenol	15.38	139	26674	24.80	nq	96
56) 2,4-Dinitrotoluene	15.36	165	80856	39.72	nq	92
57) Fluorene	15.97	166	276451	39.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	46357	35.81	nq	95
59) Diethylphthalate	15.99	149	292668	42.20	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	117108	41.05	nq	97
61) 4-Nitroaniline	16.13	138	66178	38.58	nq	95
62) Azobenzene	16.36	77	298703	41.34	nq	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	35663	34.57	nq	95
65) n-Nitrosodiphenylamine	16.33	169	233202	39.57	nq	97
66) 4-Bromophenyl-phenylether	16.93	248	67450	40.28	nq	93
67) Hexachlorobenzene	16.95	284	70069	39.71	nq	# 84
68) Atrazine	17.32	200	73449	41.07	nq	96
69) Pentachlorophenol	17.32	266	24930	35.05	nq	99
70) Phenanthrene	17.61	178	399863	38.79	nq	99
71) Anthracene	17.68	178	402961	40.09	nq	99
72) Carbazole	17.97	167	400823	41.11	nq	100
73) Di-n-butylphthalate	18.57	149	470922	41.73	nq	# 98
74) Fluoranthene	19.25	202	421645	39.92	nq	99
76) Benzidine	19.51	184	209569	38.92	nq	99
77) Pyrene	19.54	202	454687	39.43	nq	100
79) Butylbenzylphthalate	20.48	149	225553	43.19	nq	97
80) Benzo(a)anthracene	21.06	228	411711	39.00	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	137468	40.97	nq	# 97
82) Chrysene	21.11	228	370530	38.49	nq	97
83) Bis(2-ethylhexyl)phthalate	21.22	149	319188	44.17	nq	100
84) Di-n-octyl phthalate	21.97	149	570802	45.51	nq	99
87) Benzo(b)fluoranthene	22.31	252	399446	38.48	nq	# 97
88) Benzo(k)fluoranthene	22.31	252	399446	44.04	nq	100
89) Benzo(a)pyrene	22.65	252	355060	38.78	nq	# 96
90) Dibenzo(a,h)anthracene	23.81	278	345977	41.18	nq	98
91) Benzo(g,h,i)perylene	24.05	276	352080	42.15	nq	# 95

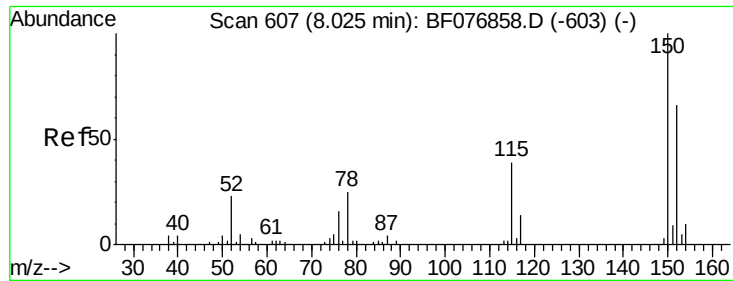
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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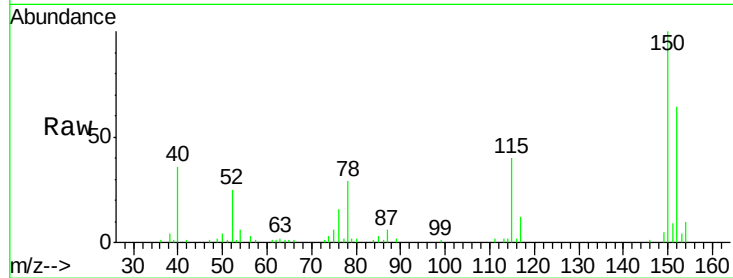


#1

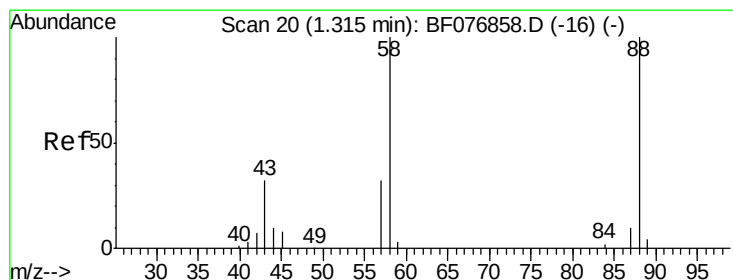
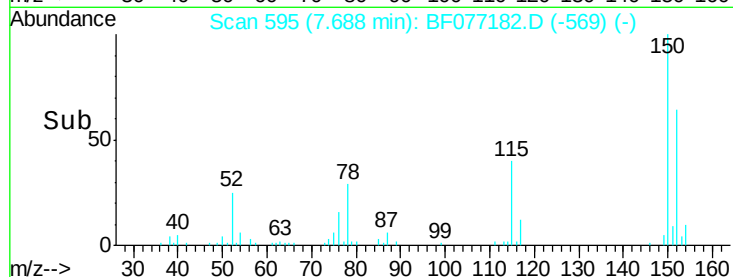
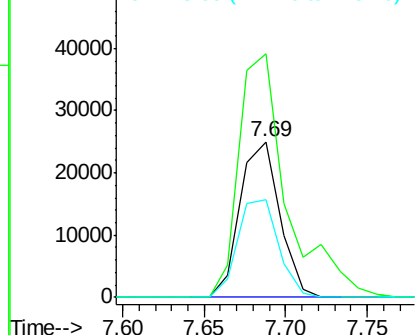
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 42226
Ion Ratio Lower Upper
152 100
150 156.7 121.7 182.5
115 63.1 47.0 70.6



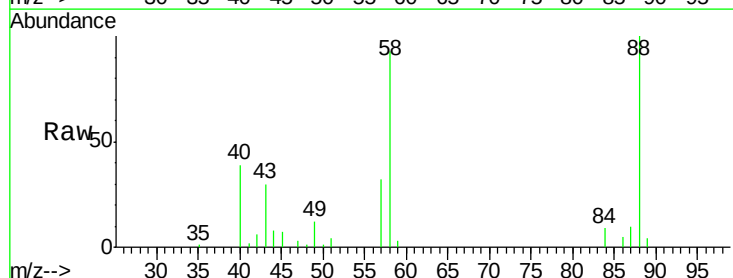
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



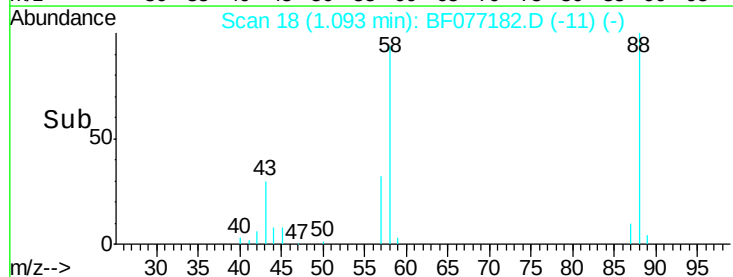
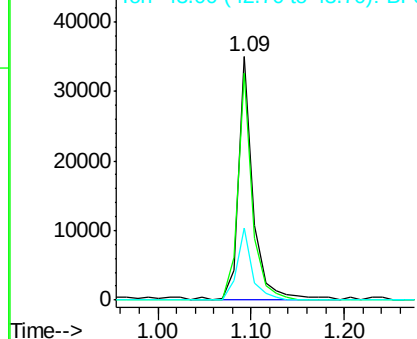
#2

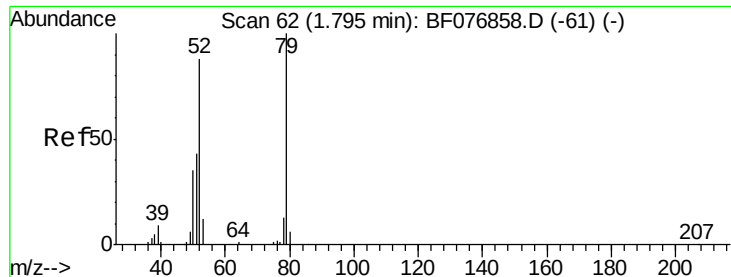
1,4-Dioxane
Concen: 35.74 ng
RT: 1.09 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 88 Resp: 39302
Ion Ratio Lower Upper
88 100
58 89.0 77.0 115.4
43 29.6 25.6 38.4



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



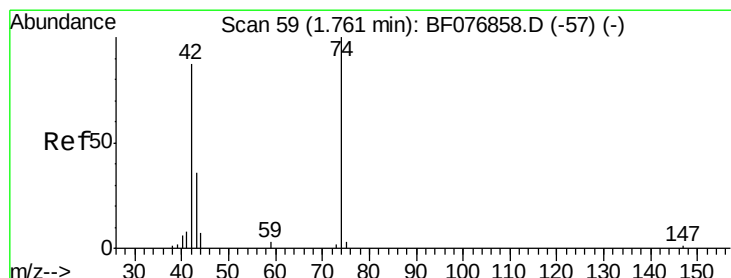
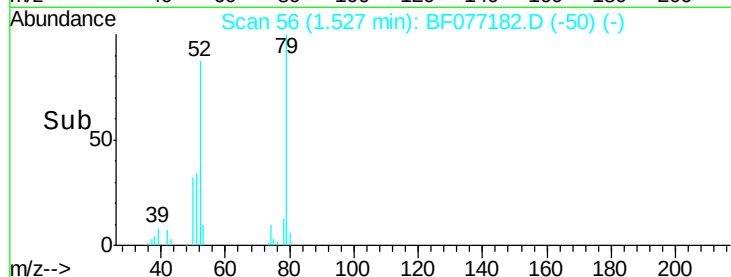
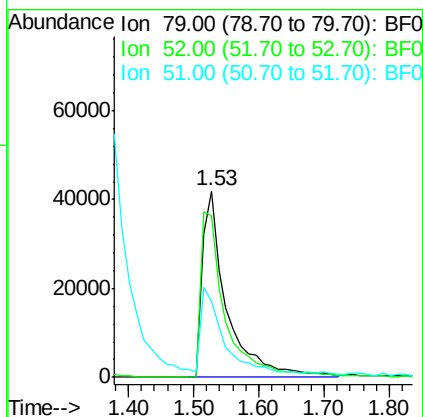
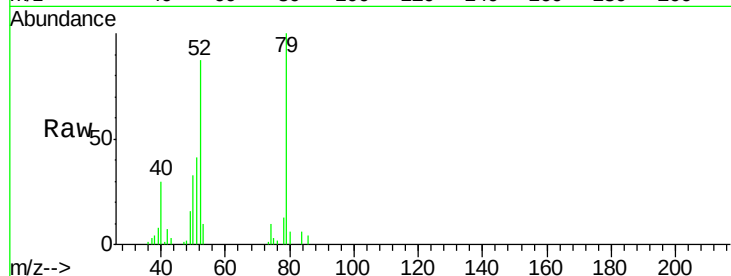


#3
Pvridine
Concen: 38.07 ng
RT: 1.53 min Scan# 56
Delta R.T. -0.03 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 108335

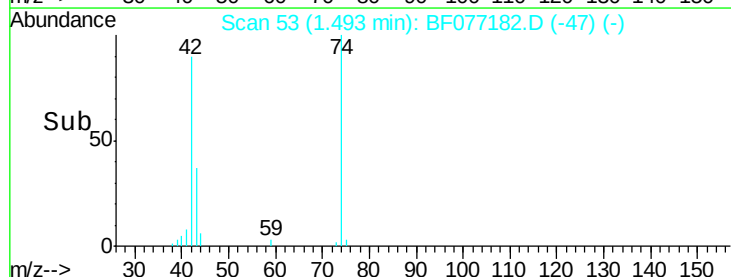
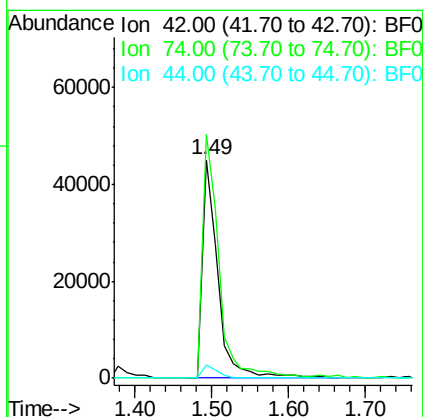
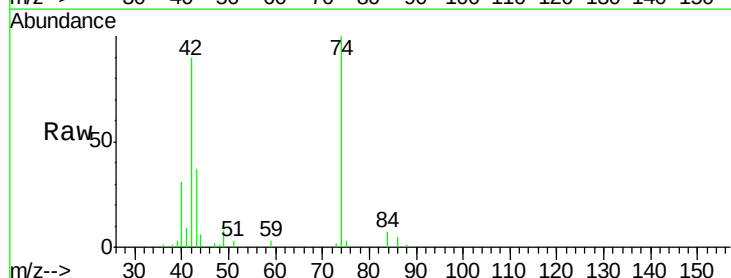
Ion	Ratio	Lower	Upper
79	100		
52	86.5	70.1	105.1
51	40.9	35.1	52.7

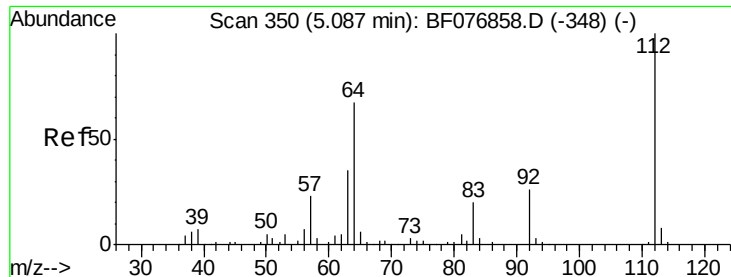


#4
n-Nitrosodimethylamine
Concen: 43.85 ng
RT: 1.49 min Scan# 53
Delta R.T. -0.03 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 42 Resp: 61809

Ion	Ratio	Lower	Upper
42	100		
74	111.6	92.4	138.6
44	6.2	6.2	9.2





#5

2-Fluorophenol

Concen: 76.98 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077182.D

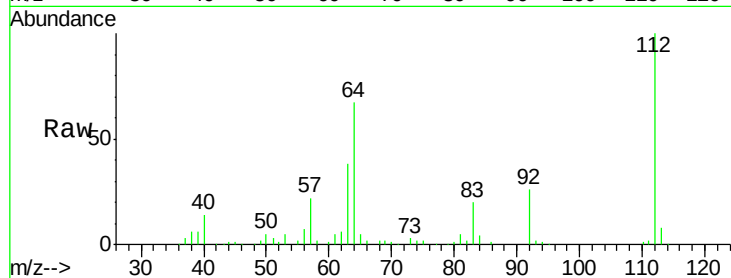
Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampled :

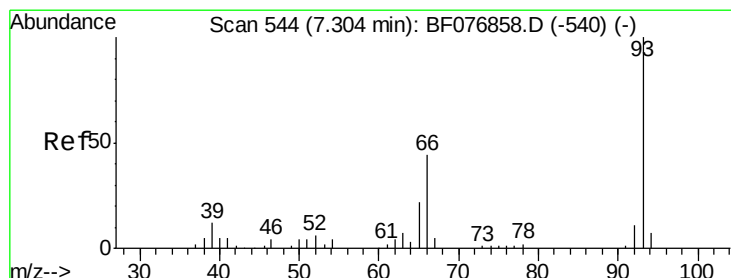
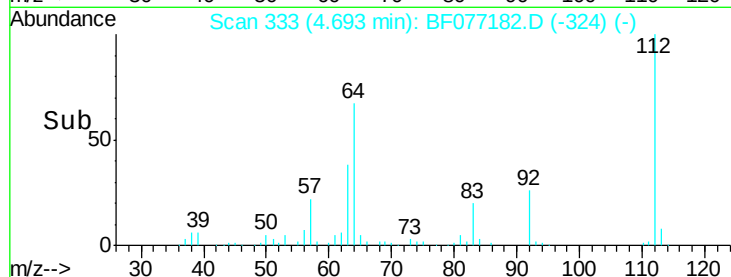
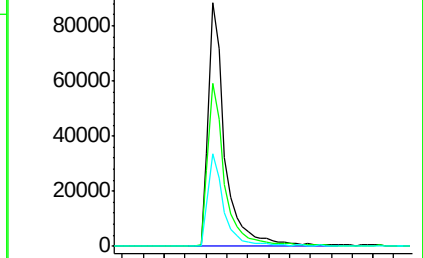
Tot Ion:	112	Resp:	197706
Ion	Ratio	Lower	Upper
112	100		
64	66.9	54.2	81.4
63	37.9	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.68 ng

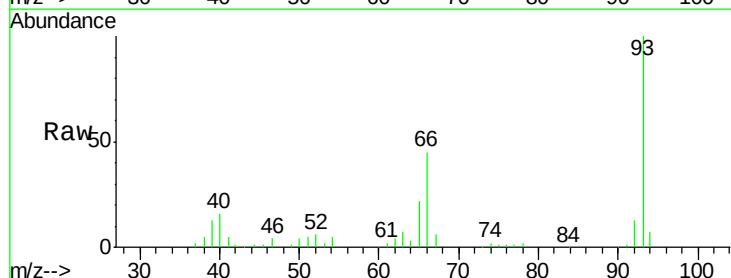
RT: 6.97 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

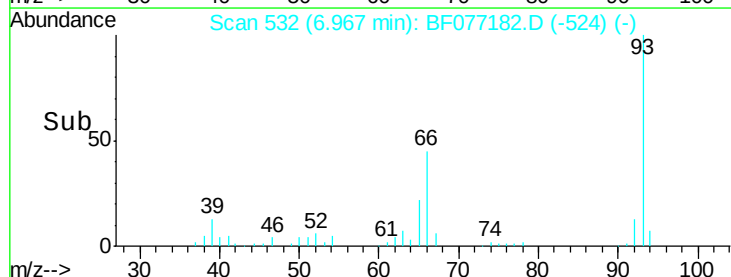
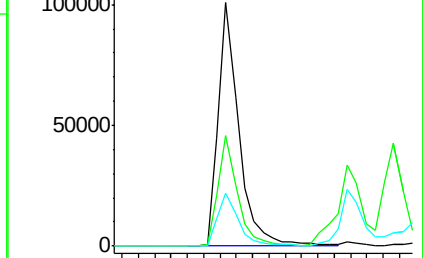
Tgt Ion:	93	Resp:	177905
Ion	Ratio	Lower	Upper
93	100		
66	45.4	35.0	52.4
65	21.6	17.7	26.5

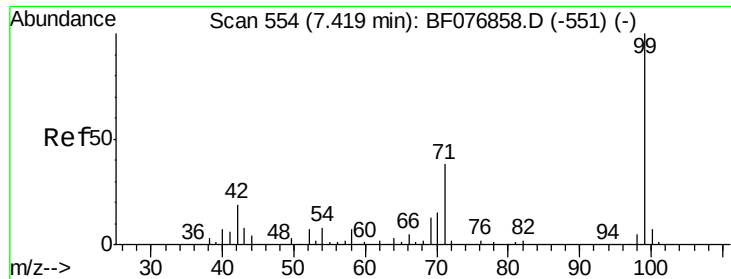


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.06 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

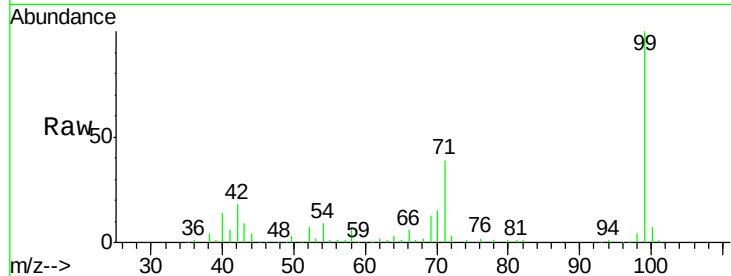
Tot Ion: 99 Resp: 252908

Ion Ratio Lower Upper

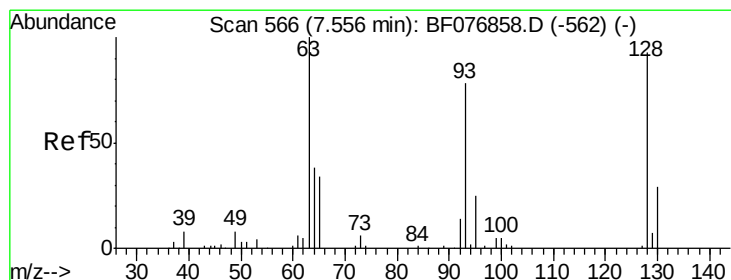
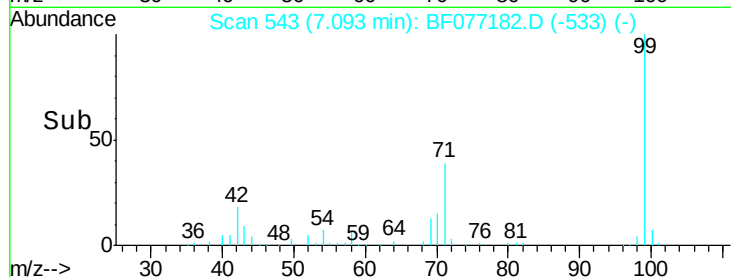
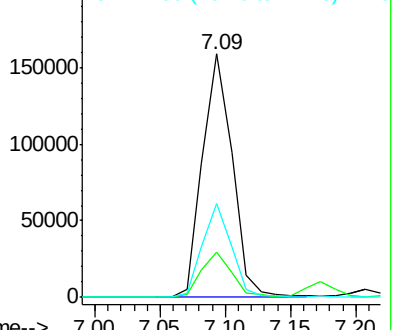
99 100

42 18.4 15.0 22.4

71 38.8 30.5 45.7



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: 40.29 ng

RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

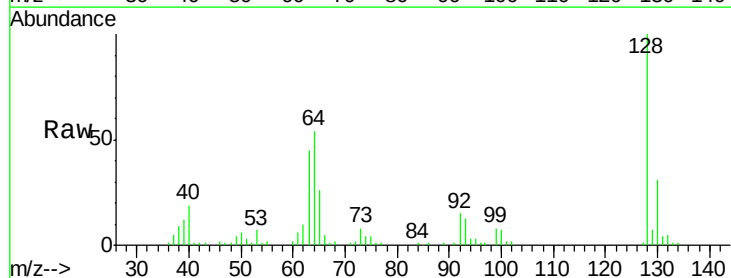
Tgt Ion: 128 Resp: 119288

Ion Ratio Lower Upper

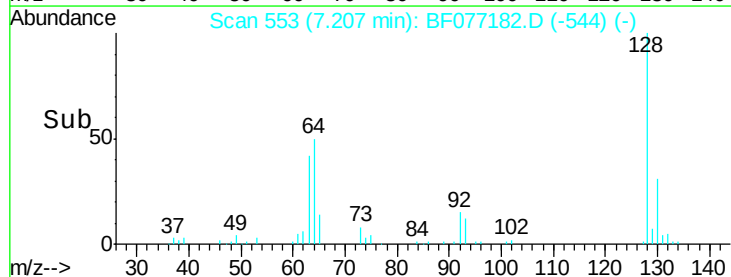
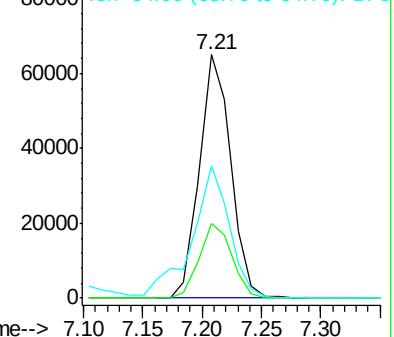
128 100

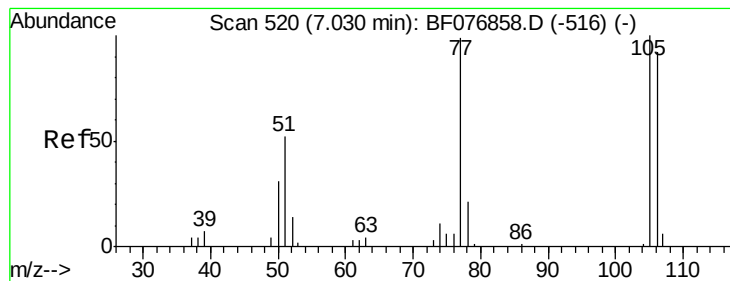
130 30.8 11.0 51.0

64 54.4 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.89 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

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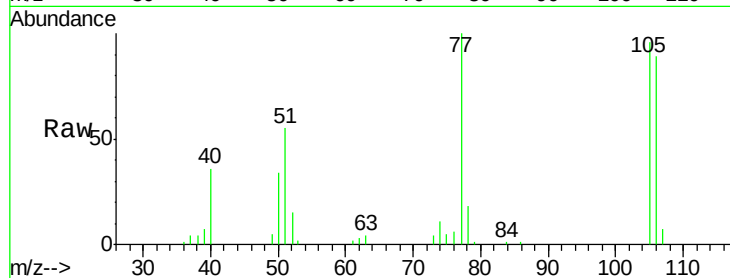
Tot Ion: 77 Resp: 72238

Ion Ratio Lower Upper

77 100

105 95.7 81.4 121.4

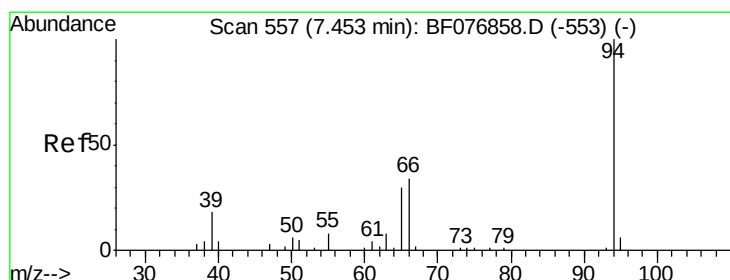
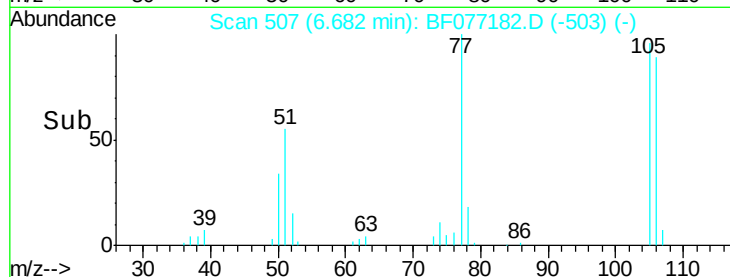
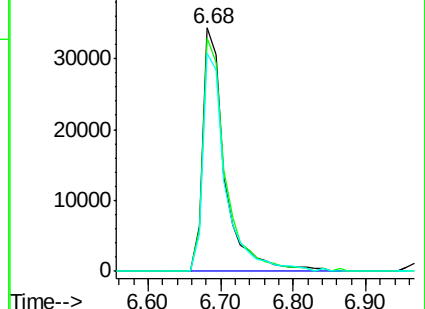
106 89.4 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.12 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

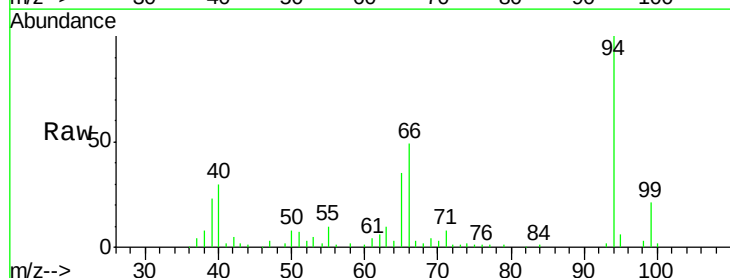
Tgt Ion: 94 Resp: 131139

Ion Ratio Lower Upper

94 100

65 34.5 11.3 51.3

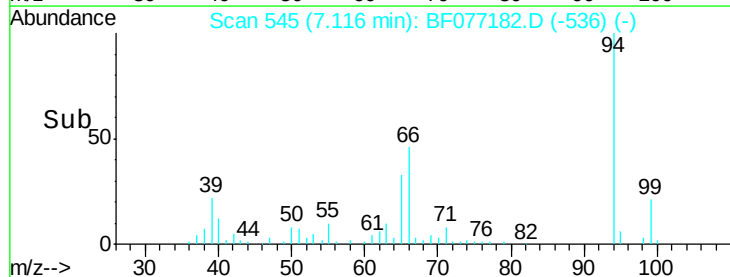
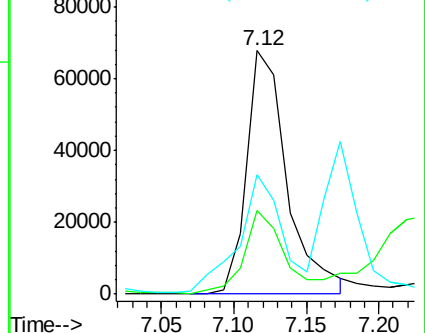
66 49.2 19.5 59.5

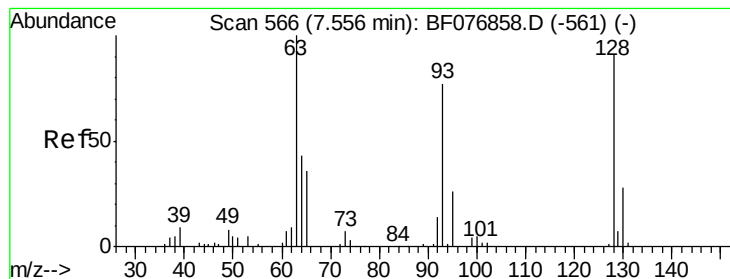


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

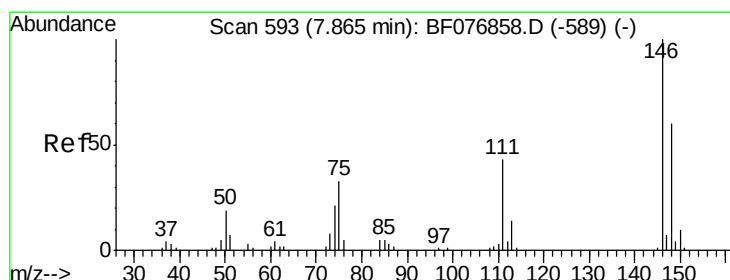
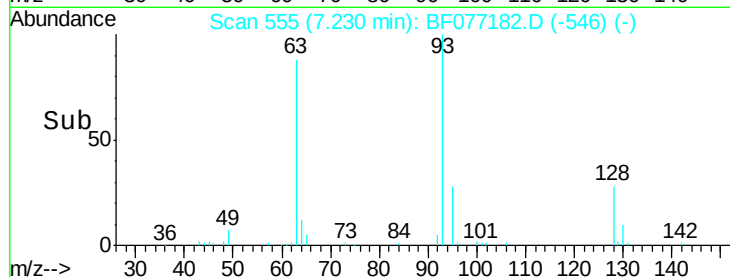
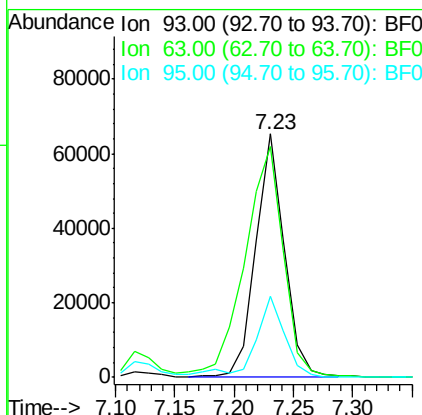
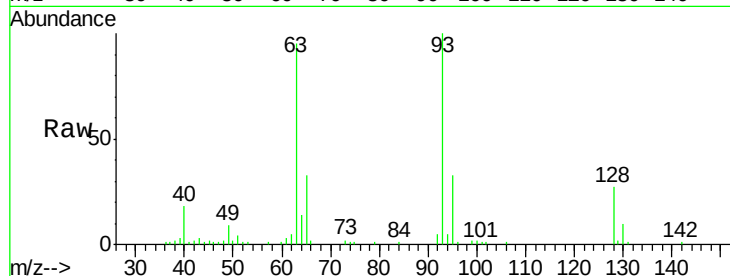




#11
bis(2-Chloroethyl)ether
Concen: 41.03 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

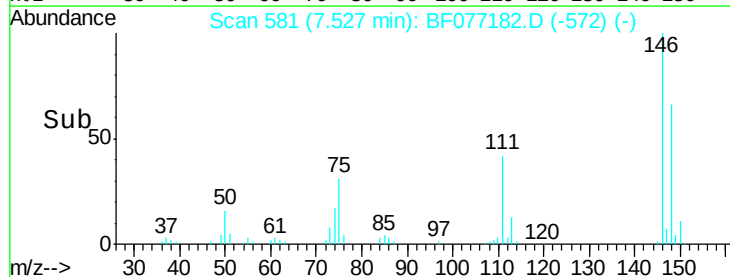
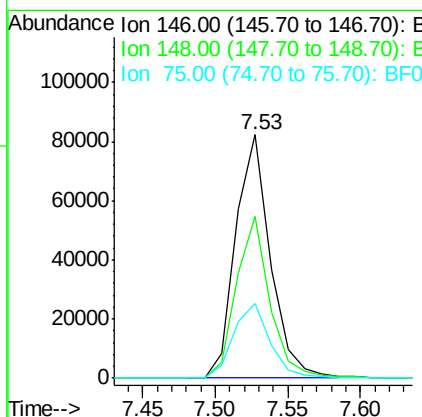
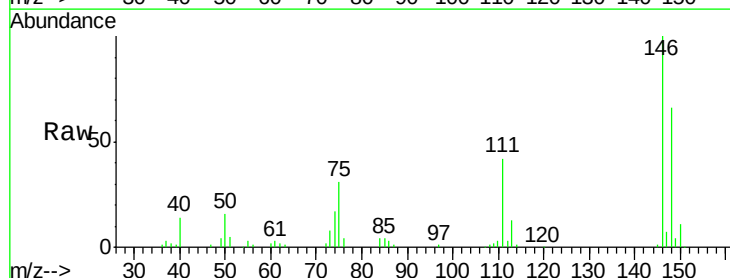
Instrument :
BNA_F
ClientSampleId :

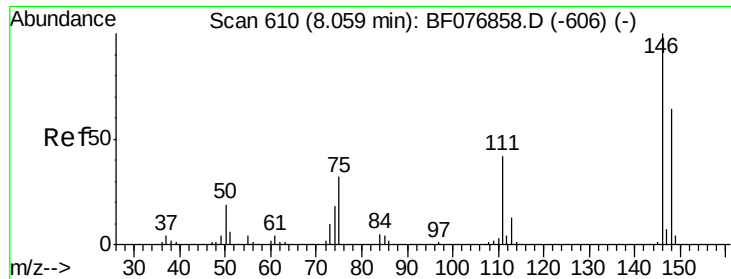
Tot Ion: 93 Resp: 110447
Ion Ratio Lower Upper
93 100
63 94.6 111.3 151.3#
95 33.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 40.52 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 146 Resp: 136483
Ion Ratio Lower Upper
146 100
148 66.3 48.1 72.1
75 30.6 26.8 40.2

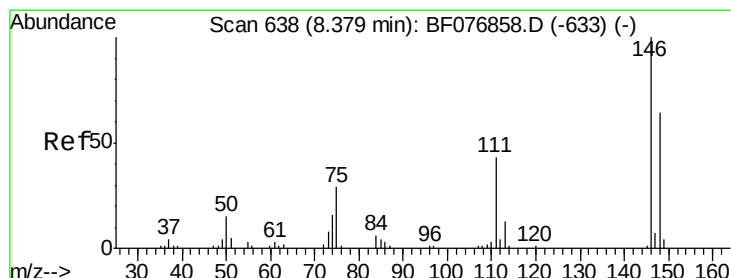
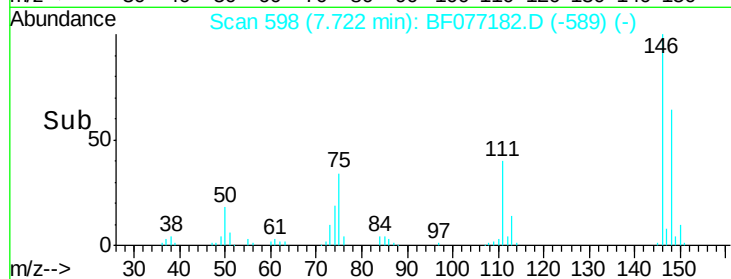
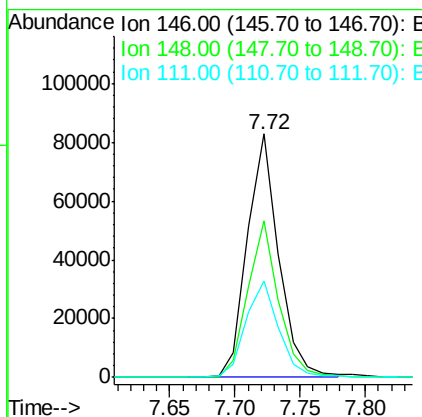
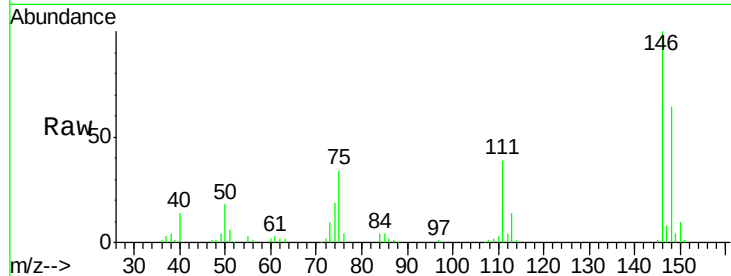




#13
 1,4-Dichlorobenzene
 Concen: 39.11 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

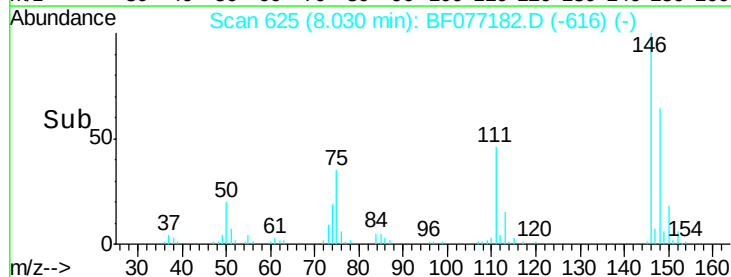
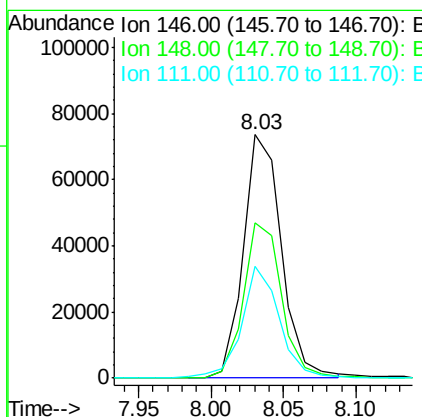
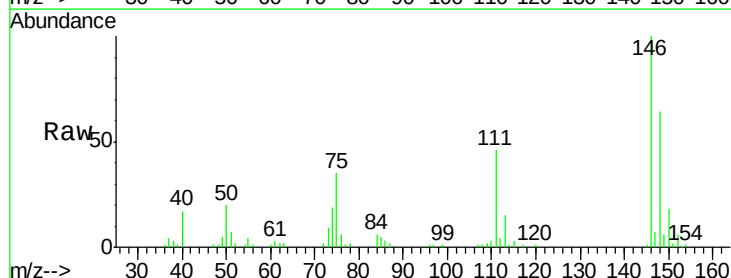
Instrument :
 BNA_F
 ClientSampleId :

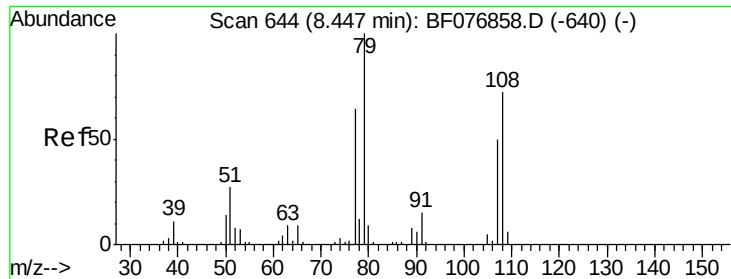
Tot Ion:146 Resp: 139705
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.5 77.3
 111 39.4 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 40.73 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:146 Resp: 134052
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 111 46.1 34.5 51.7

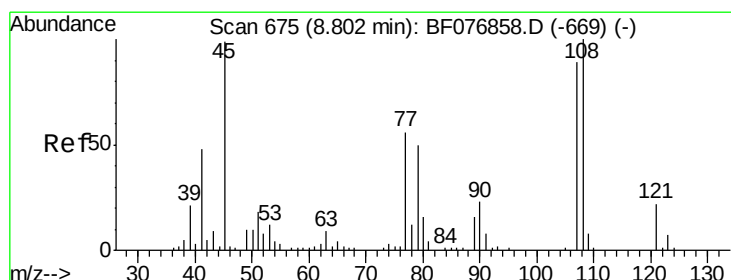
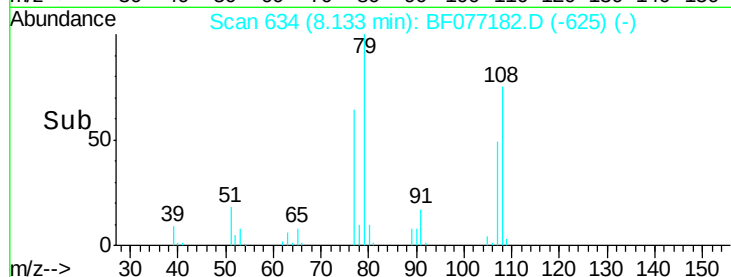
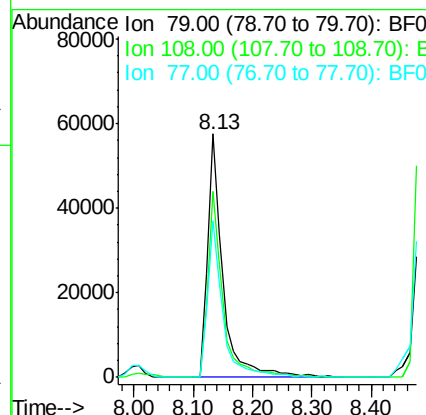
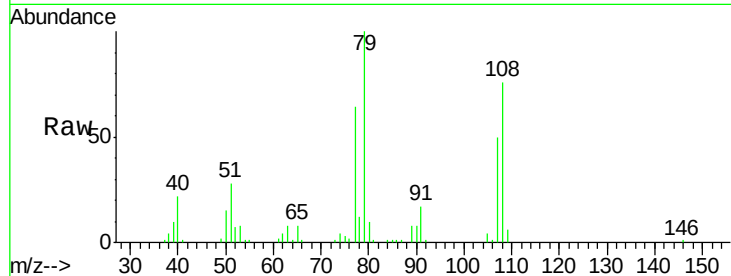




#15
Benzyl Alcohol
Concen: 40.08 ng
RT: 8.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

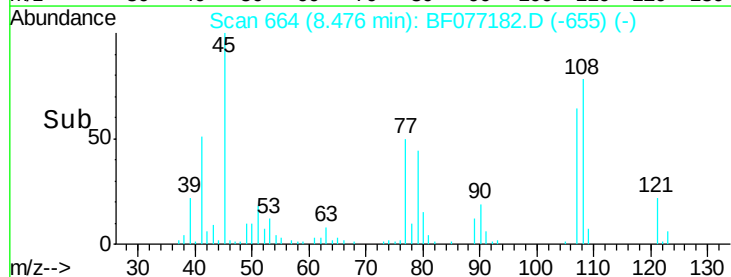
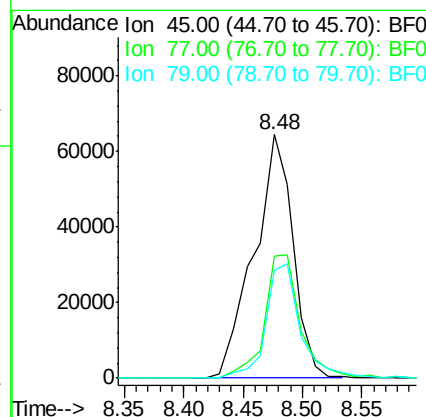
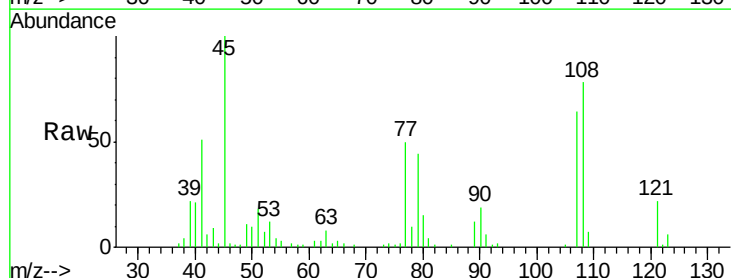
Instrument :
BNA_F
ClientSampleId :

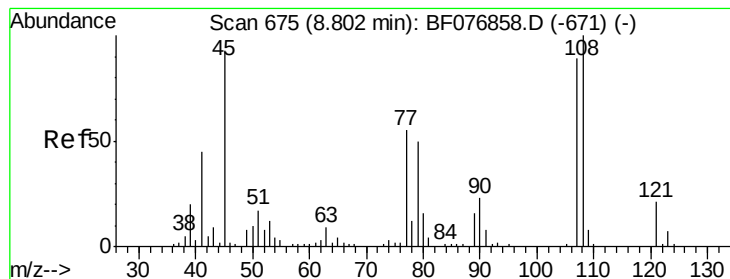
Tot Ion: 79 Resp: 105065
Ion Ratio Lower Upper
79 100
108 76.2 57.2 85.8
77 64.5 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.76 ng
RT: 8.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 45 Resp: 147482
Ion Ratio Lower Upper
45 100
77 50.1 36.1 76.1
79 44.5 30.5 70.5





#17

2-Methylphenol

Concen: 39.11 ng

RT: 8.49 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 94628

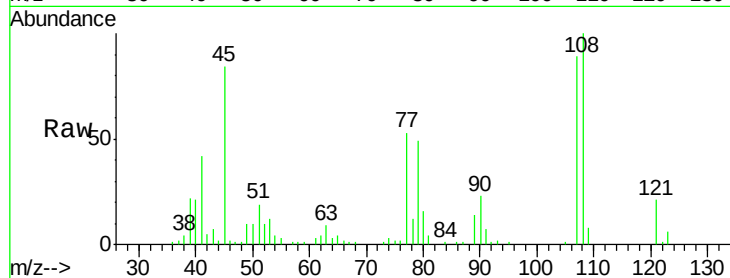
Ion Ratio Lower Upper

107 100

108 112.2 89.7 134.5

77 59.9 50.1 75.1

79 55.5 45.0 67.6

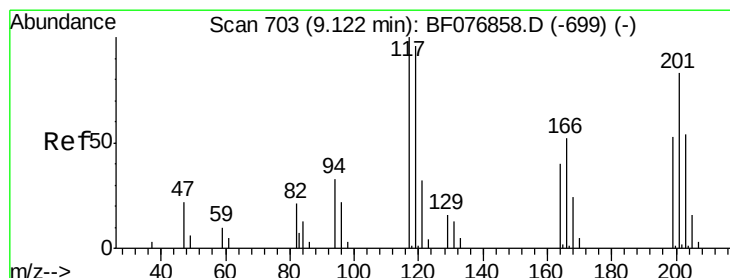
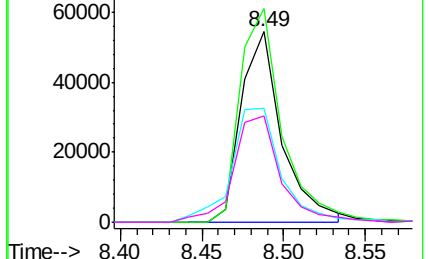
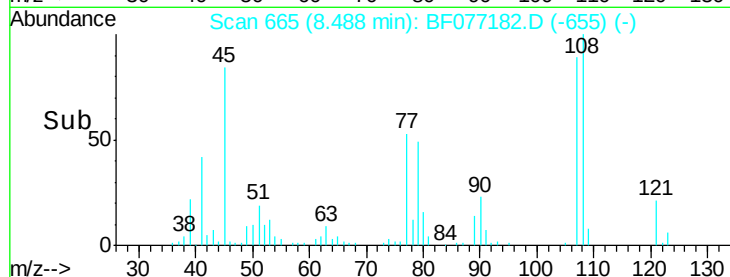


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.05 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

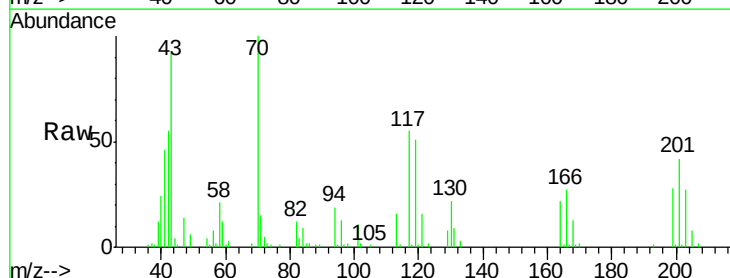
Tgt Ion:117 Resp: 52247

Ion Ratio Lower Upper

117 100

119 93.6 77.1 115.7

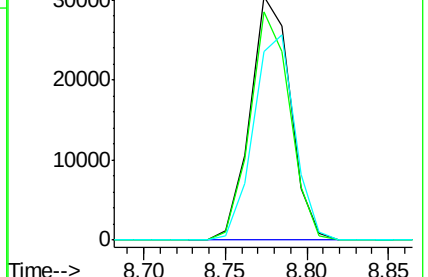
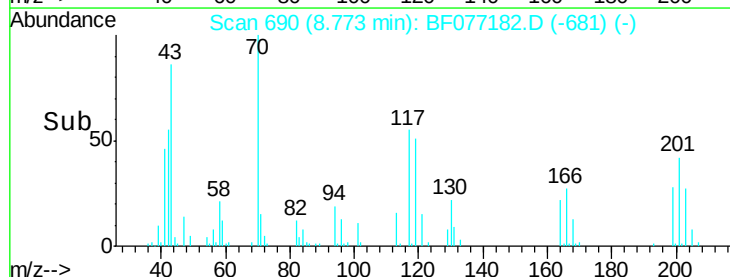
201 77.5 66.8 100.2

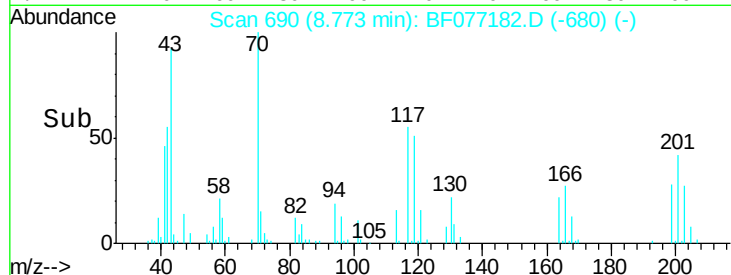
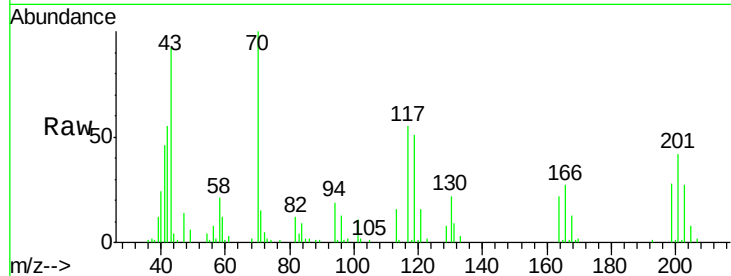
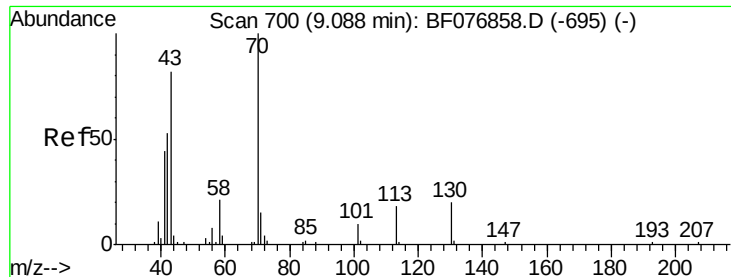


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

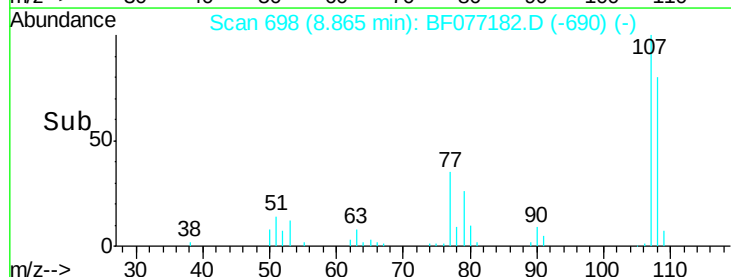
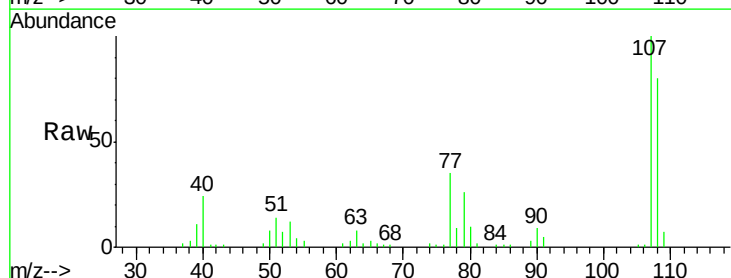
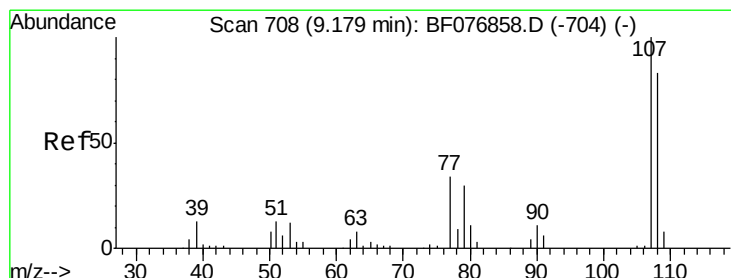
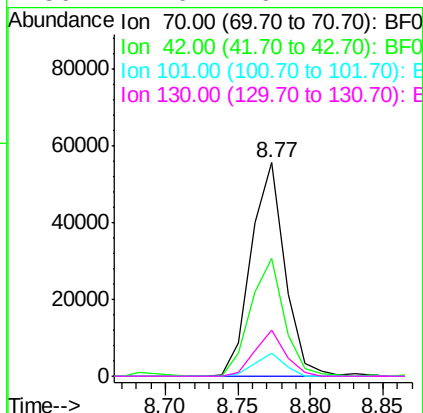




#19
n-Nitroso-di-n-propylamine
Concen: 39.45 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

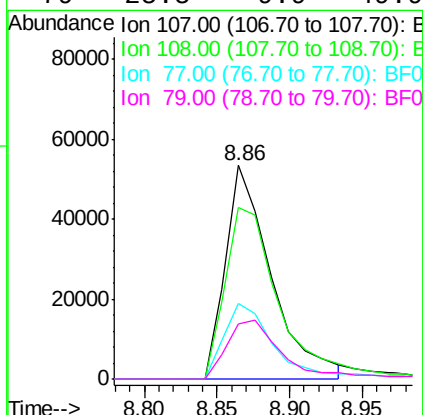
Instrument :
BNA_F
ClientSampleId :

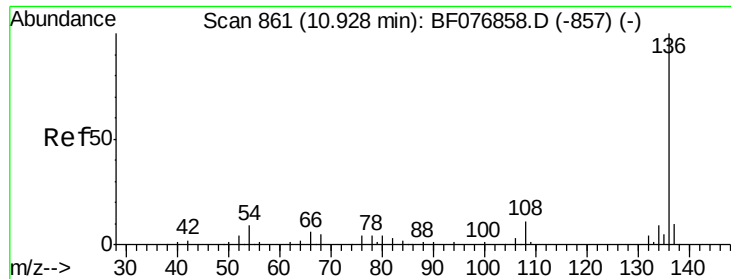
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.9	42.1	63.1	
101	10.5	7.8	11.8	
130	21.6	16.2	24.4	



#20
3+4-Methylphenols
Concen: 36.54 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	80.0	63.5	103.5	
77	35.2	14.0	54.0	
79	25.5	9.9	49.9	

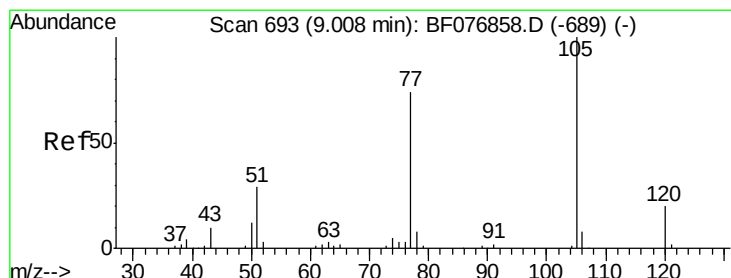
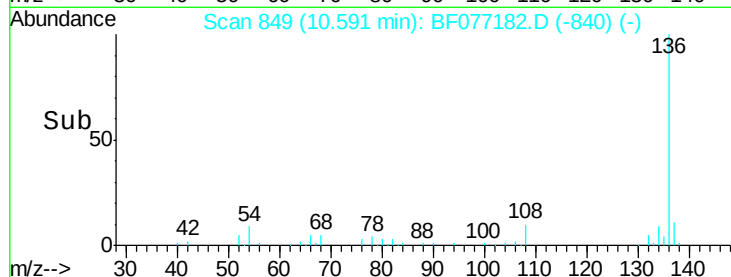
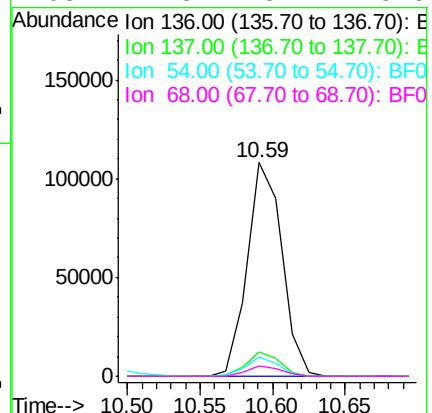
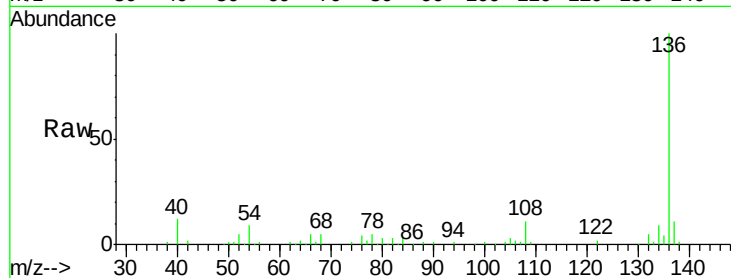




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

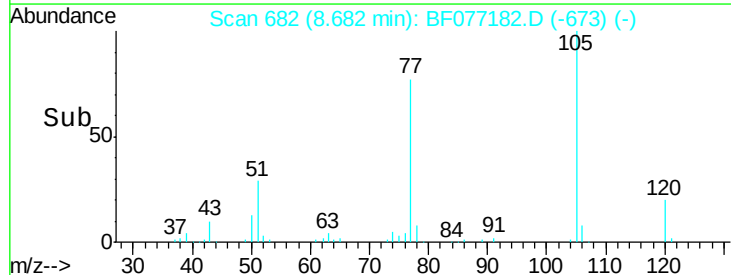
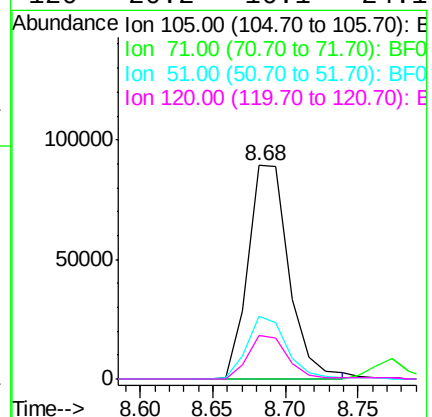
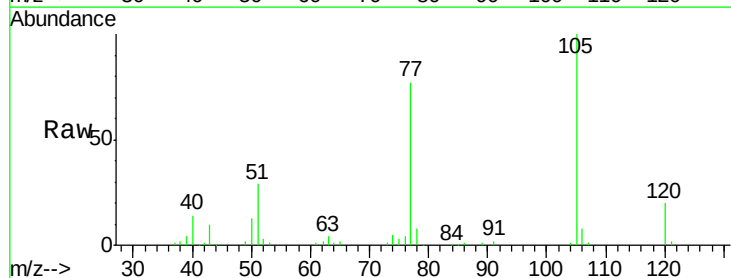
Instrument :
BNA_F
ClientSampleId :

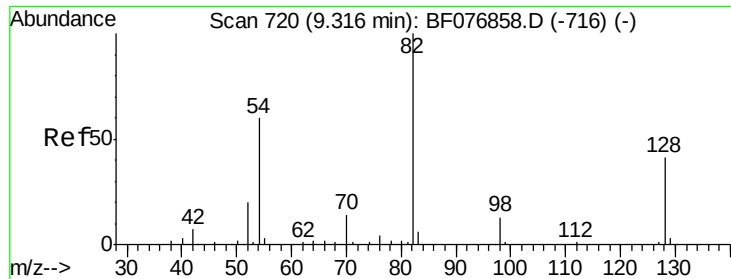
Tot Ion:136	Resp:	179321
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.1 12.1
54	9.1	7.0 10.4
68	4.8	3.7 5.5



#22
Acetophenone
Concen: 39.75 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:105	Resp:	174597
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.0 0.0
51	29.2	23.3 34.9
120	20.2	16.1 24.1

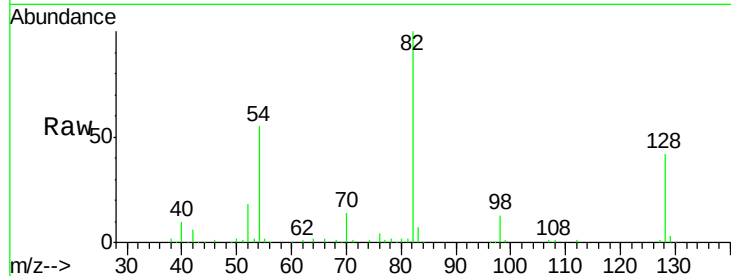




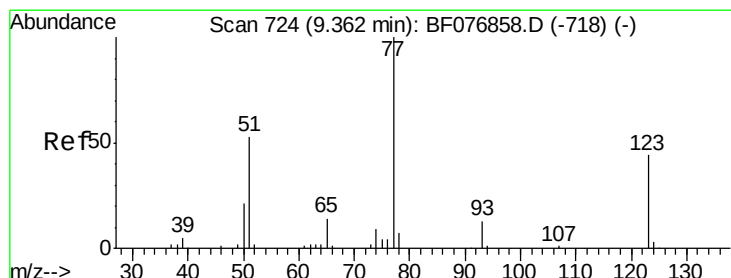
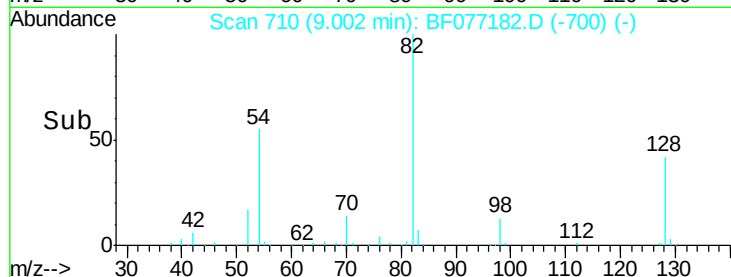
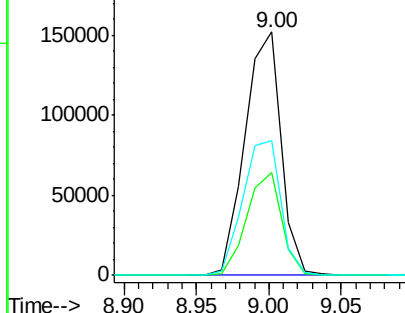
#23
 Nitrobenzene-d5
 Concen: 81.30 ng
 RT: 9.00 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	263164
Ion Ratio	100	Lower	Upper
128	42.0	33.1	49.7
54	55.2	48.3	72.5

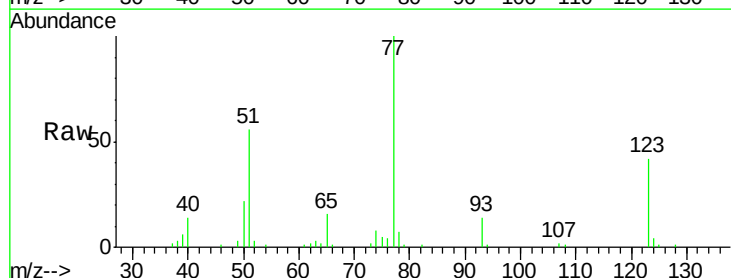


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

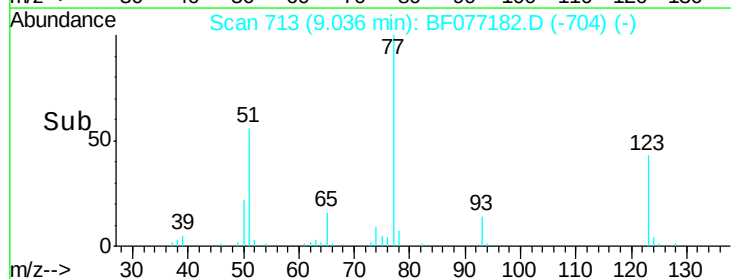
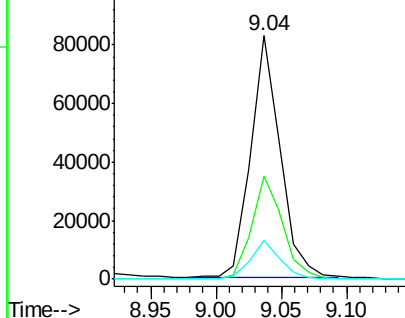


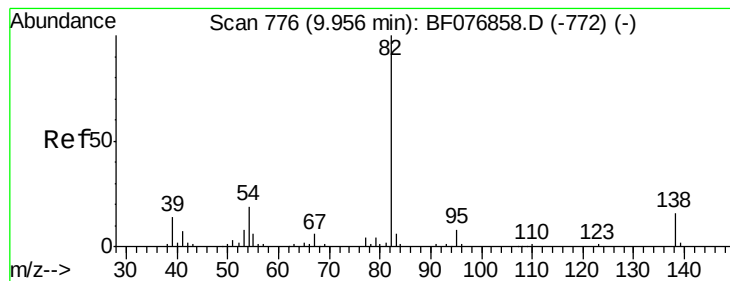
#24
 Nitrobenzene
 Concen: 39.45 ng
 RT: 9.04 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion	77	Resp	130097
Ion Ratio	100	Lower	Upper
123	42.2	35.2	52.8
65	15.7	11.4	17.2



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





#25

Isophorone

Concen: 40.25 ng

RT: 9.64 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

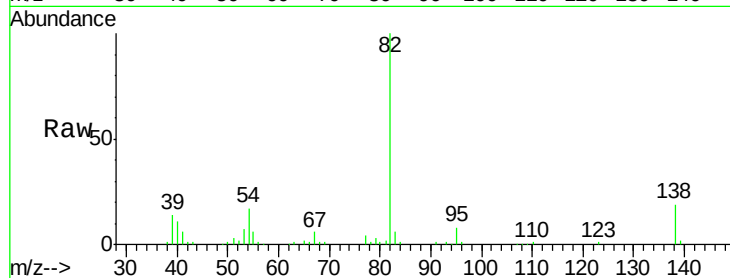
Tot Ion: 82 Resp: 237251

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

138 18.7 12.6 18.8

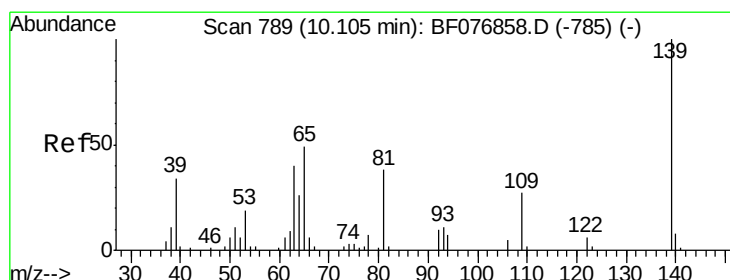
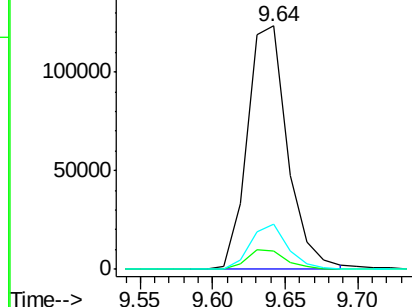
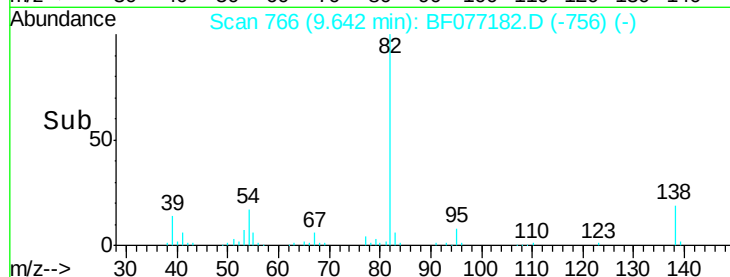


Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-772) (-)

Ion 95.00 (94.70 to 95.70): BF076858.D (-772) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-772) (-)

Time-->



#26

2-Nitrophenol

Concen: 36.42 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

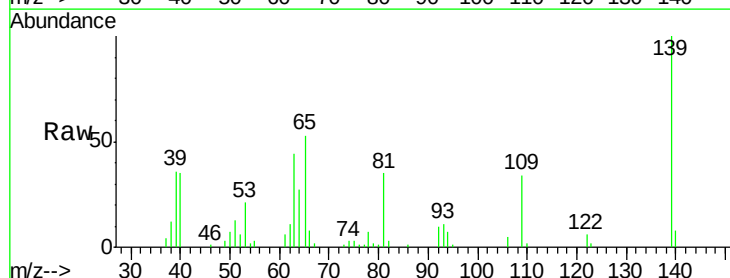
Tgt Ion: 139 Resp: 60754

Ion Ratio Lower Upper

139 100

109 34.0 21.3 31.9#

65 53.2 39.4 59.0

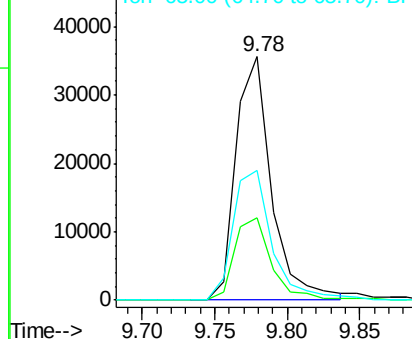
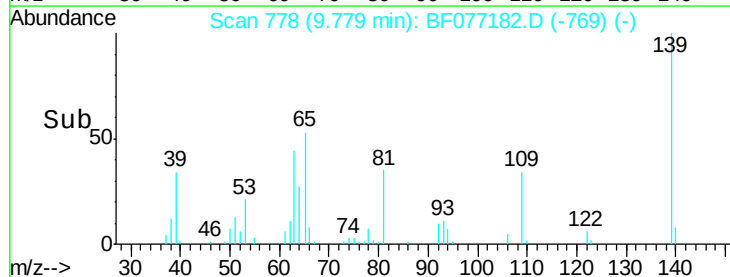


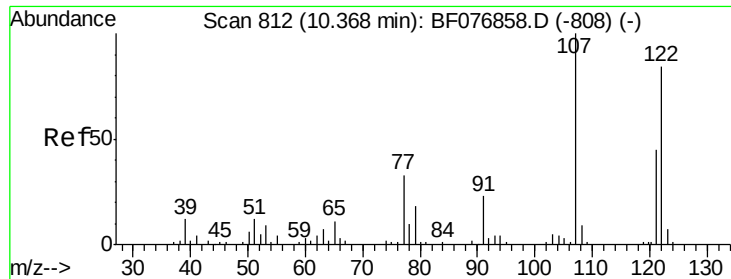
Abundance Ion 139.00 (138.70 to 139.70): BF076858.D (-785) (-)

Ion 109.00 (108.70 to 109.70): BF076858.D (-785) (-)

Ion 65.00 (64.70 to 65.70): BF076858.D (-785) (-)

Time-->

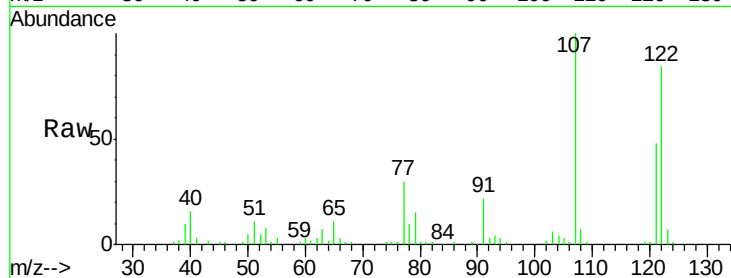




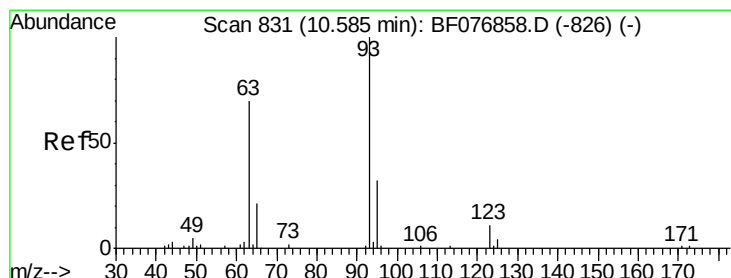
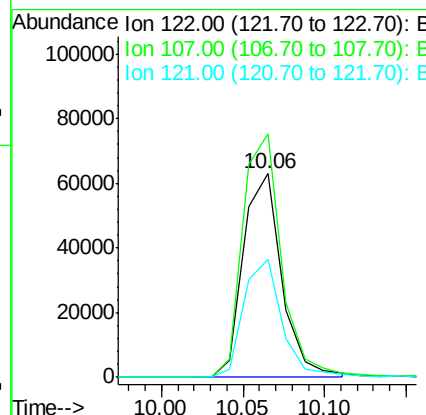
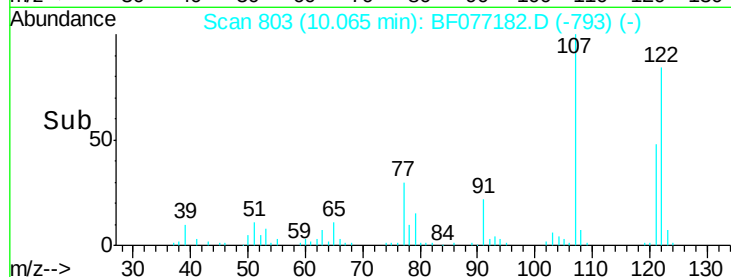
#27
 2,4-Dimethylphenol
 Concen: 40.37 ng
 RT: 10.06 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 102925
 Ion Ratio Lower Upper
 122 100
 107 119.5 95.2 142.8
 121 57.7 42.9 64.3

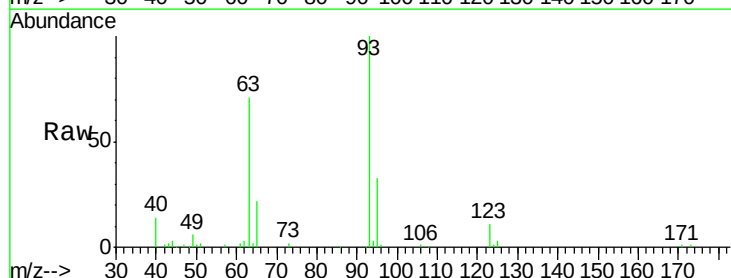


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

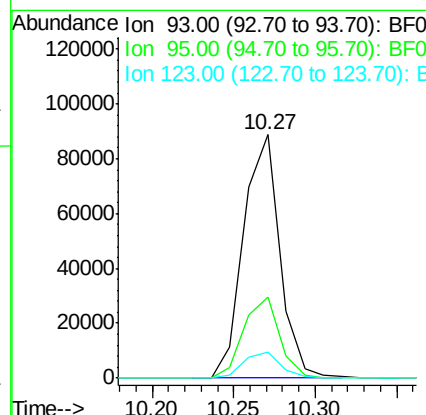
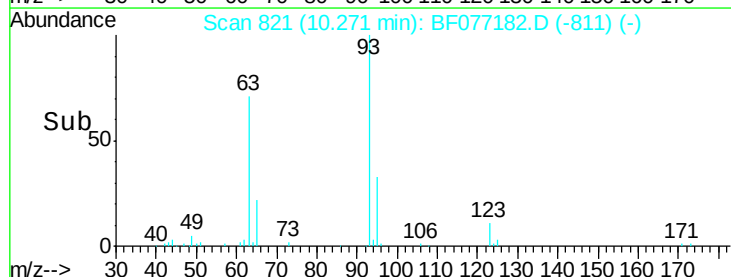


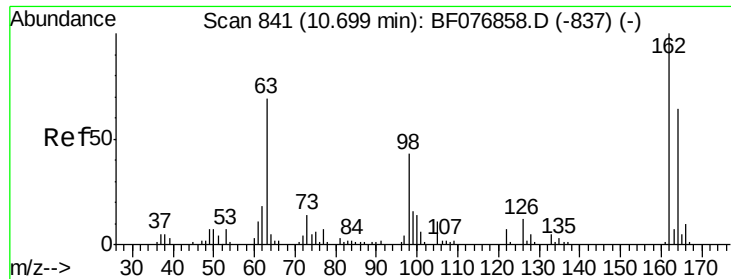
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.79 ng
 RT: 10.27 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion: 93 Resp: 136654
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.6 38.4
 123 10.8 8.9 13.3



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

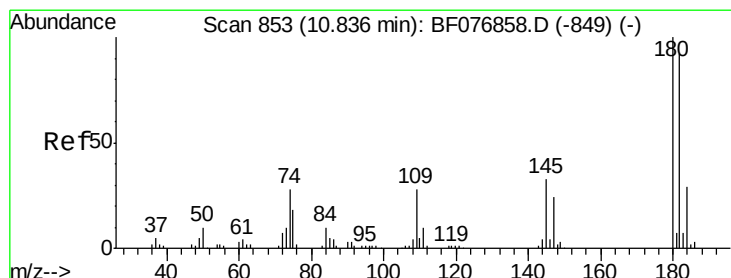
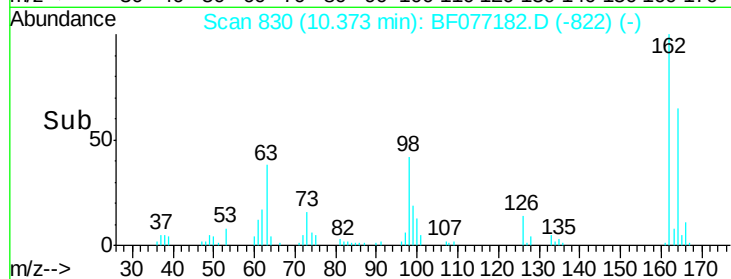
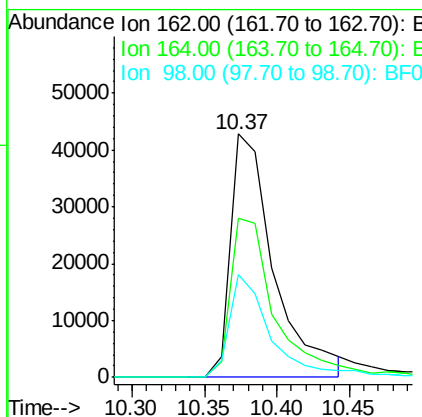
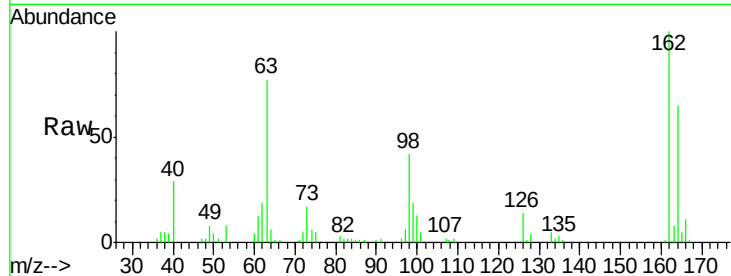




#29
 2,4-Dichlorophenol
 Concen: 37.39 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

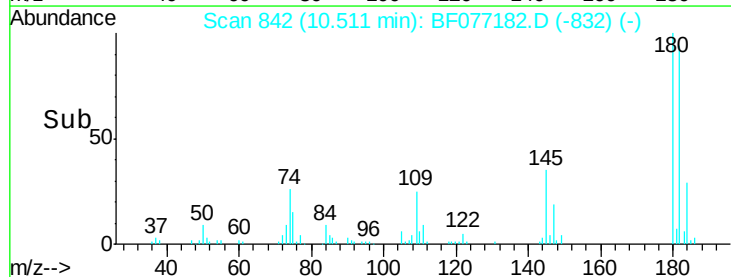
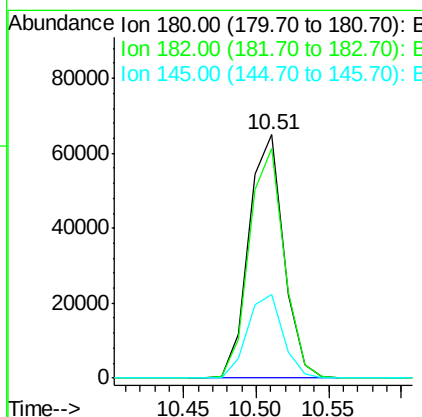
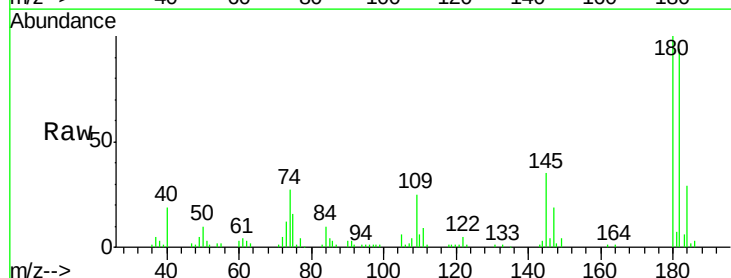
Instrument :
 BNA_F
 ClientSampled :

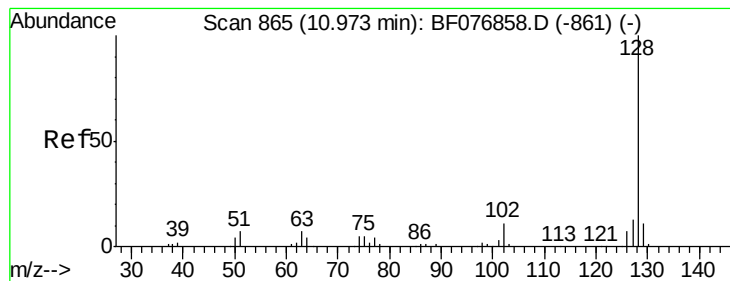
Tot Ion:162 Resp: 88860
 Ion Ratio Lower Upper
 162 100
 164 65.4 43.8 83.8
 98 42.2 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.04 ng
 RT: 10.51 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:180 Resp: 108317
 Ion Ratio Lower Upper
 180 100
 182 94.1 73.6 110.4
 145 34.5 26.6 39.8





#31

Naphthalene

Concen: 39.33 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

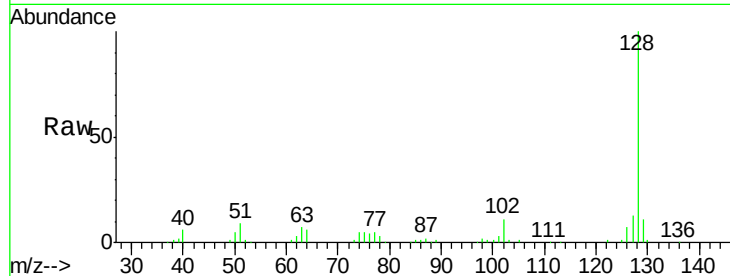
Tot Ion:128 Resp: 363087

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

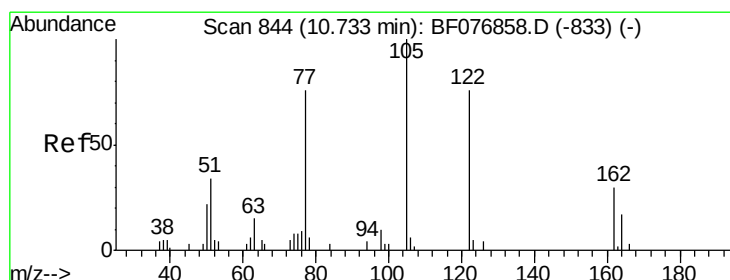
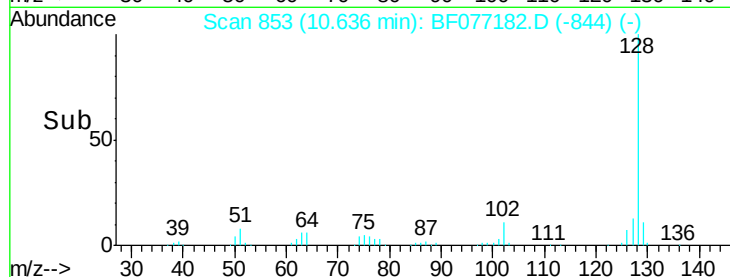
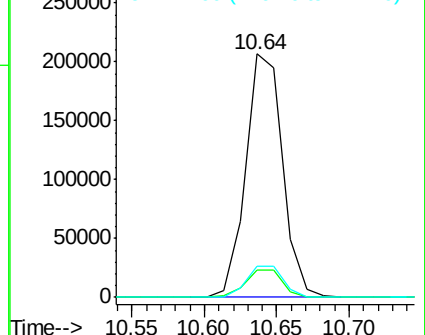
127 12.9 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.72 ng

RT: 10.49 min Scan# 840

Delta R.T. 0.05 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

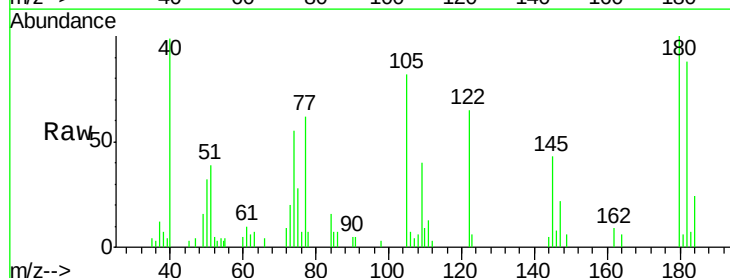
Tgt Ion:122 Resp: 23619

Ion Ratio Lower Upper

122 100

105 125.9 111.3 151.3

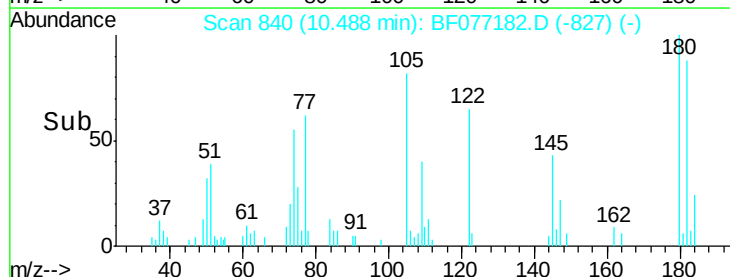
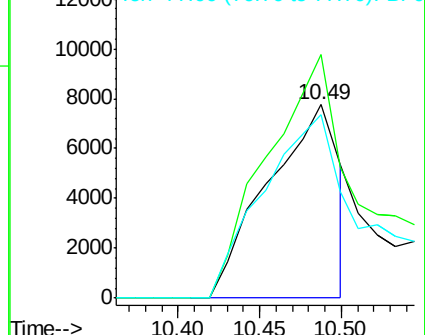
77 94.8 79.2 119.2

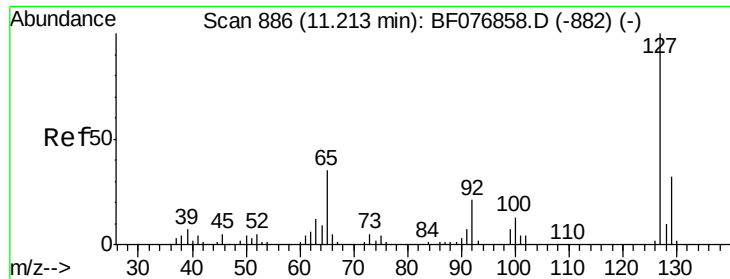


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

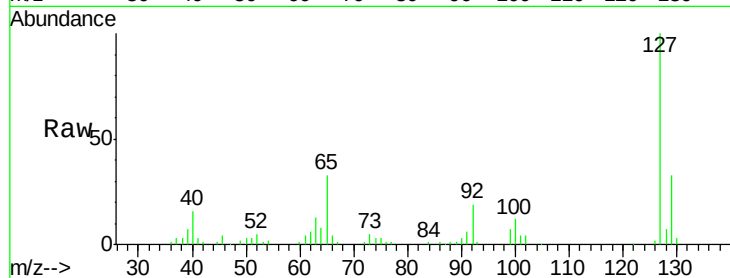




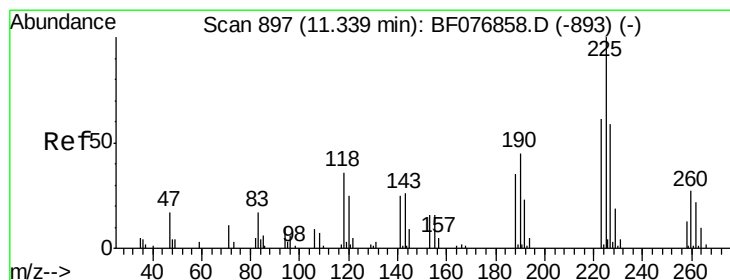
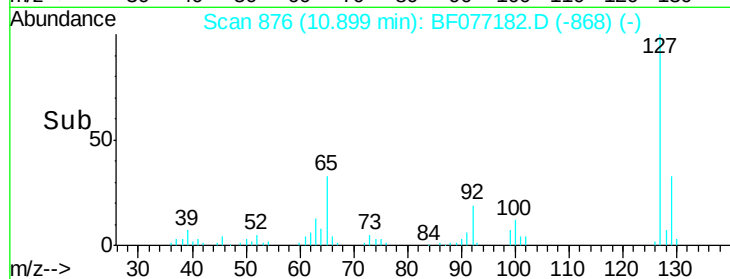
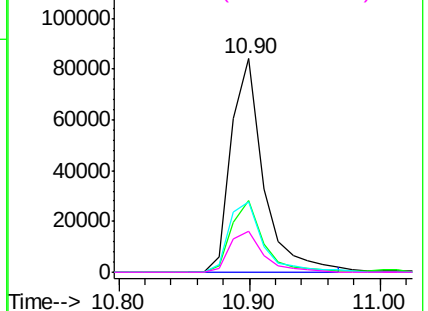
#33
4-Chloroaniline
Concen: 38.85 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	144930
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.3	37.9
65	33.1	27.8	41.6
92	19.2	16.5	24.7

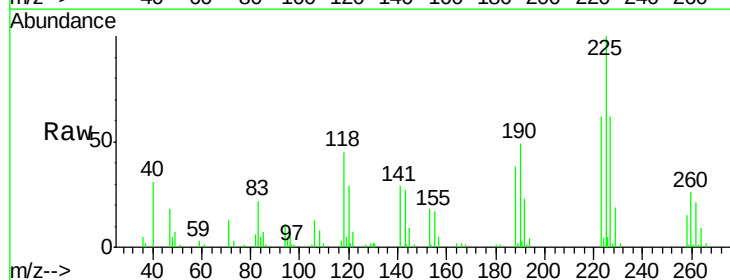


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

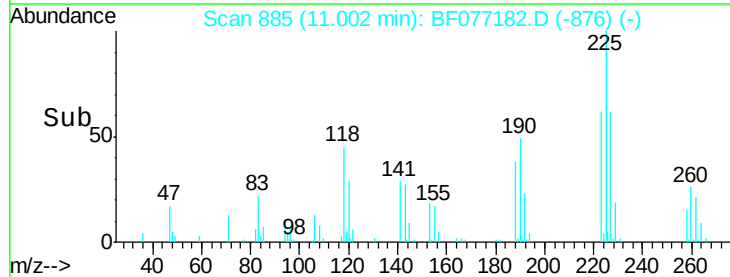
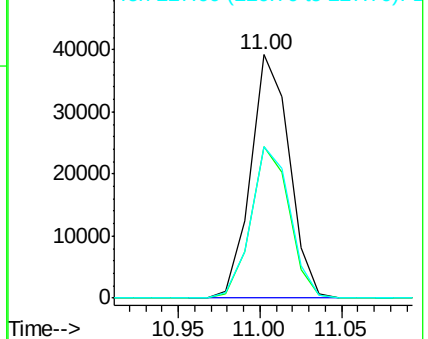


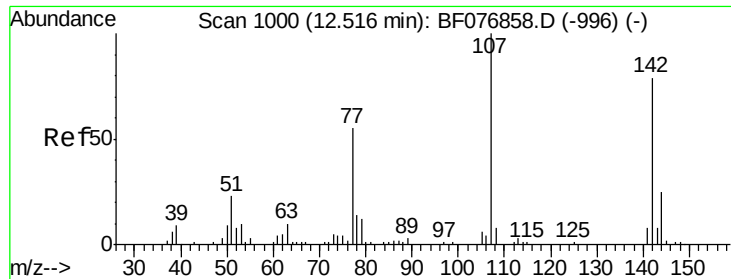
#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:	225	Resp:	64509
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.1	73.7
227	62.2	47.5	71.3



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

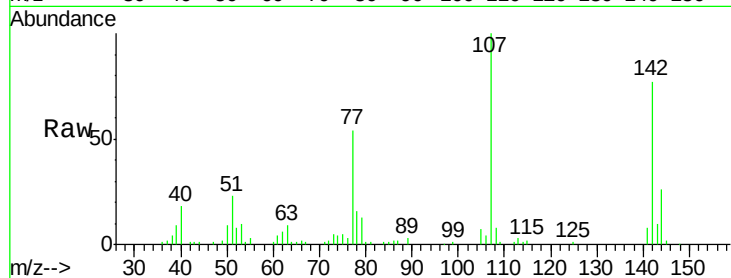




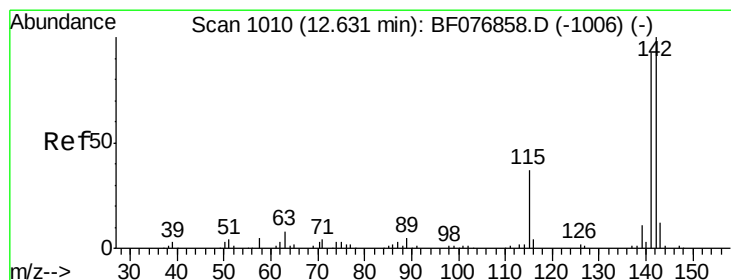
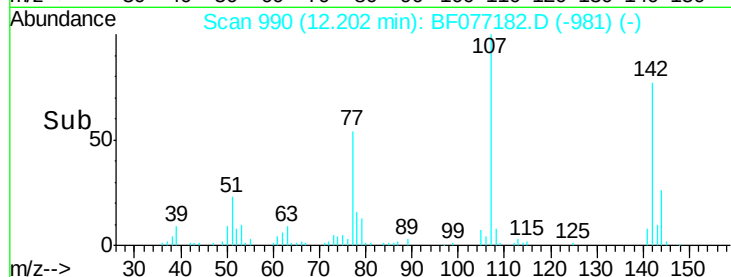
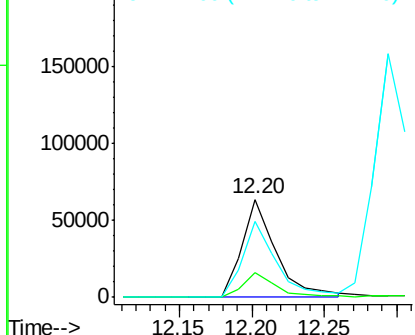
#36
 4-Chloro-3-methylphenol
 Concen: 38.25 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 104087
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 77.0 63.5 95.3

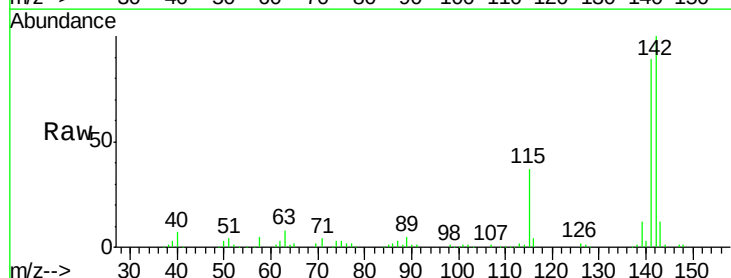


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

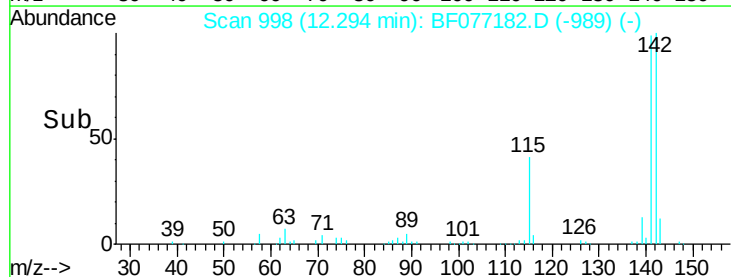
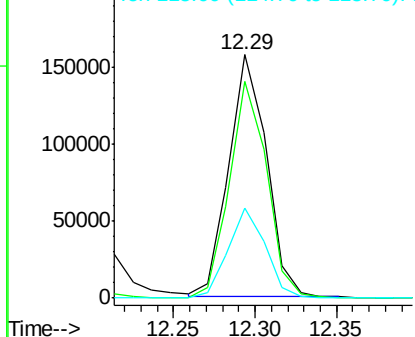


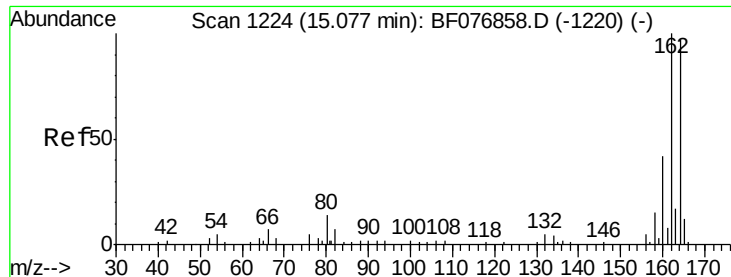
#37
 2-Methylnaphthalene
 Concen: 39.87 ng
 RT: 12.29 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:142 Resp: 251369
 Ion Ratio Lower Upper
 142 100
 141 89.1 74.5 111.7
 115 36.9 29.7 44.5



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

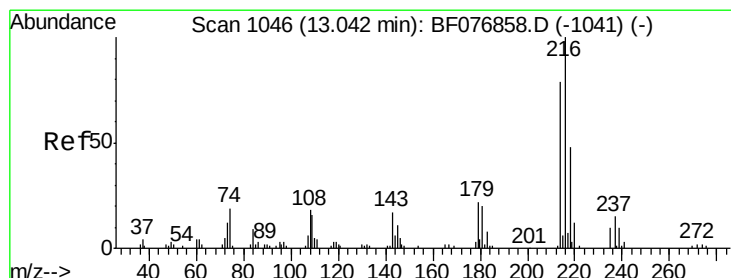
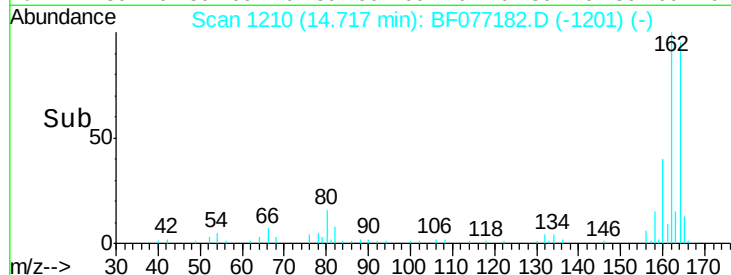
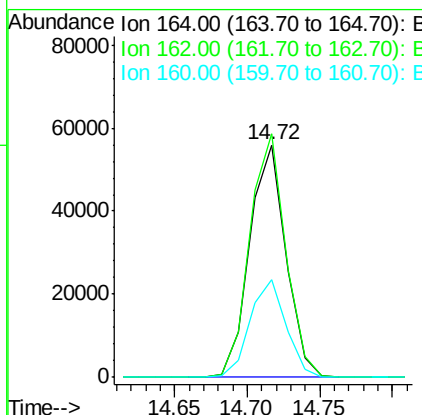
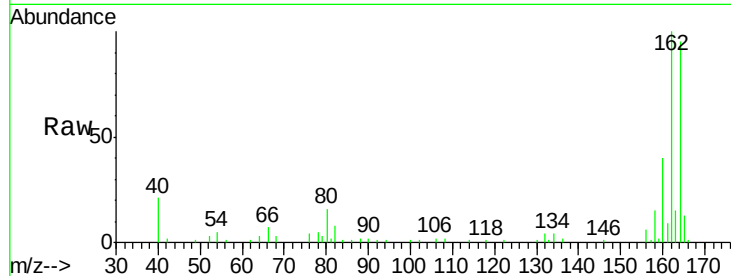




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

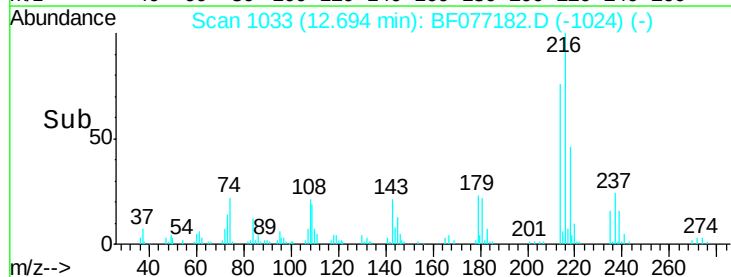
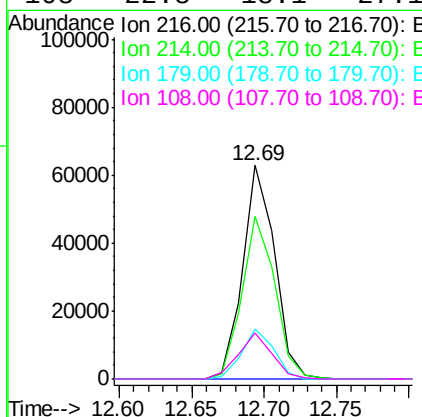
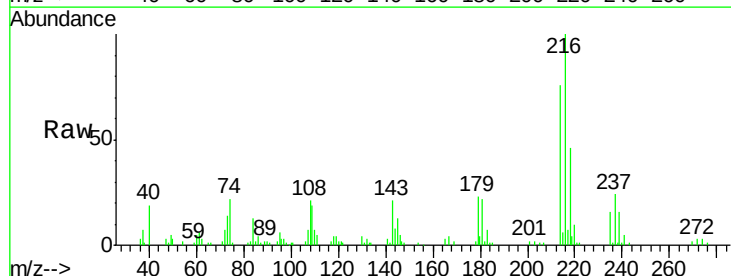
Instrument :
 BNA_F
 ClientSampleId :

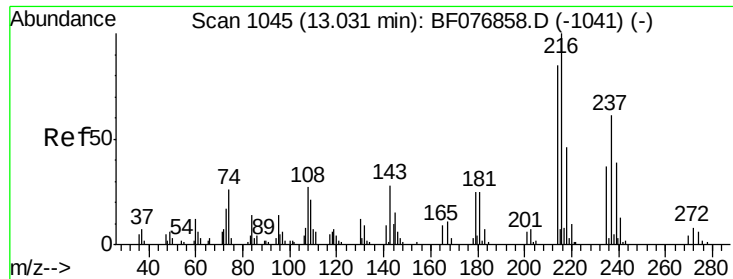
Tot Ion:164 Resp: 96760
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 42.1 34.8 52.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.28 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:216 Resp: 96355
 Ion Ratio Lower Upper
 216 100
 214 78.1 64.9 97.3
 179 23.5 18.6 28.0
 108 22.8 18.1 27.1





#40

Hexachlorocyclopentadiene

Concen: 38.32 ng

RT: 12.68 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

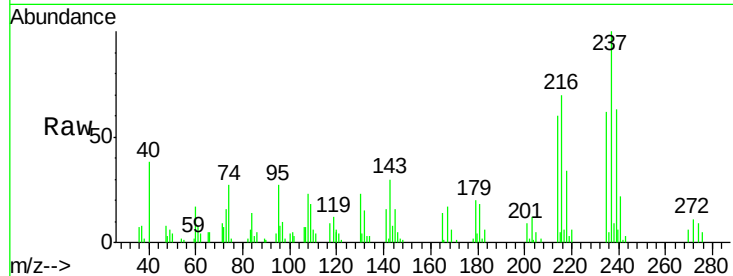
Tot Ion:237 Resp: 46086

Ion Ratio Lower Upper

237 100

235 62.3 40.4 80.4

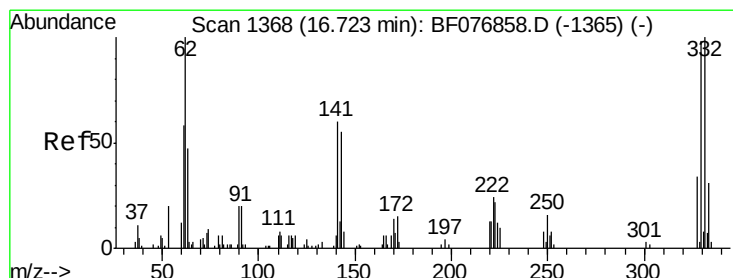
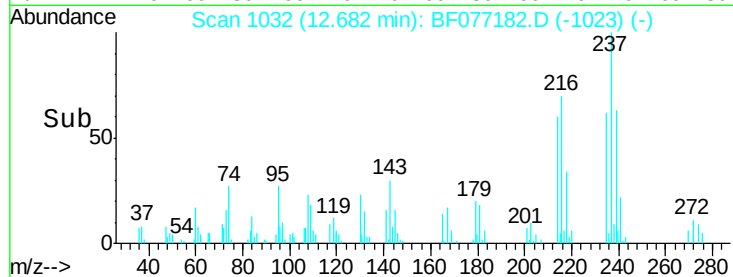
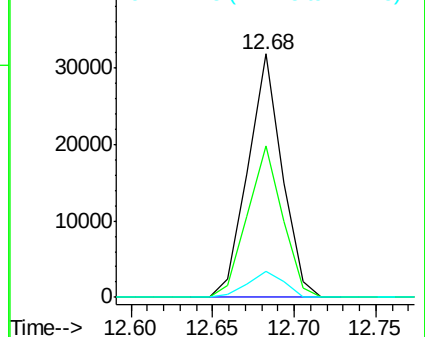
272 10.6 0.0 33.2



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: 77.66 ng

RT: 16.45 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

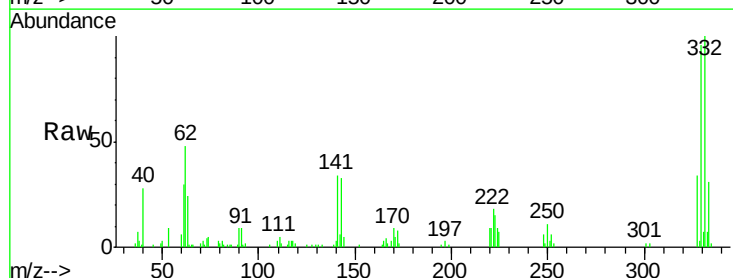
Tgt Ion:330 Resp: 60994

Ion Ratio Lower Upper

330 100

332 99.9 77.8 116.6

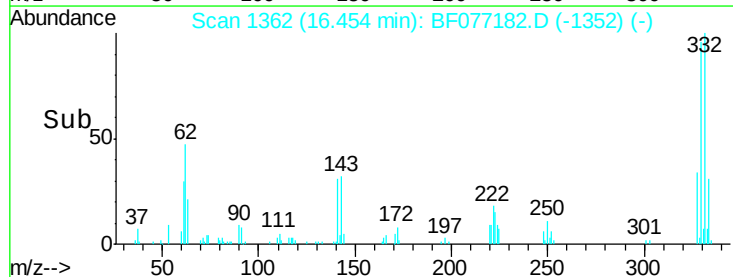
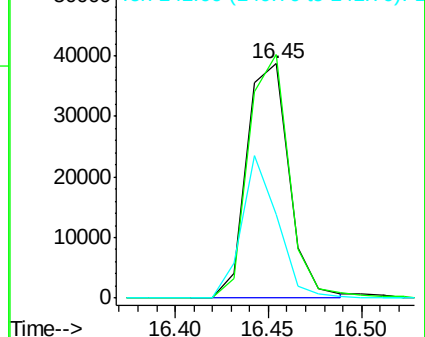
141 52.0 38.5 57.7

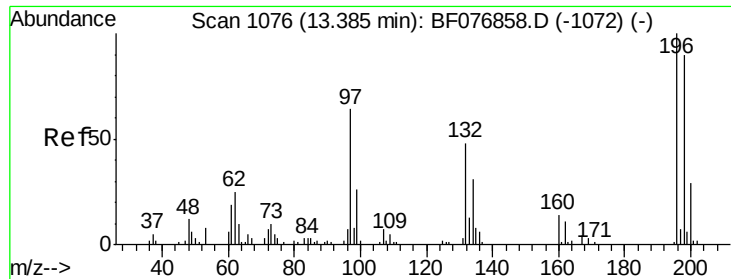


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

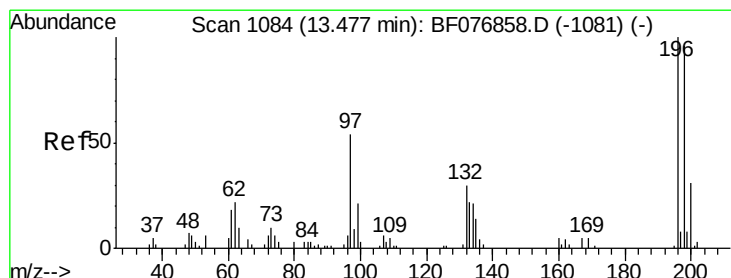
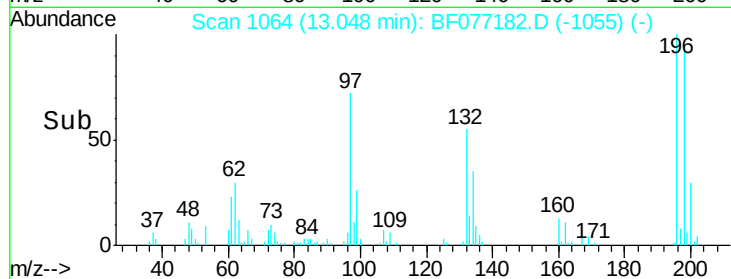
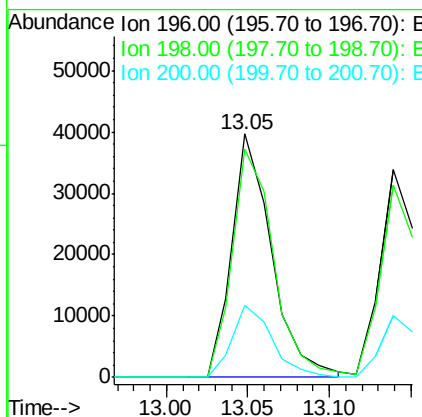
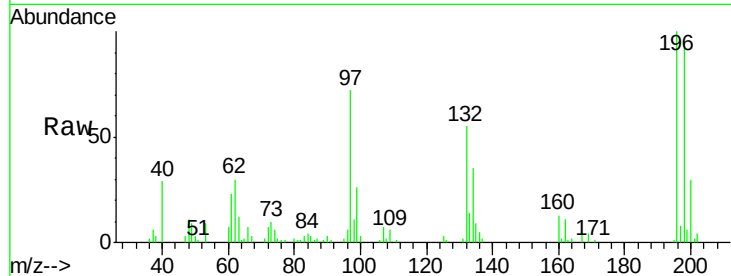




#42
2,4,6-Trichlorophenol
Concen: 38.43 ng
RT: 13.05 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

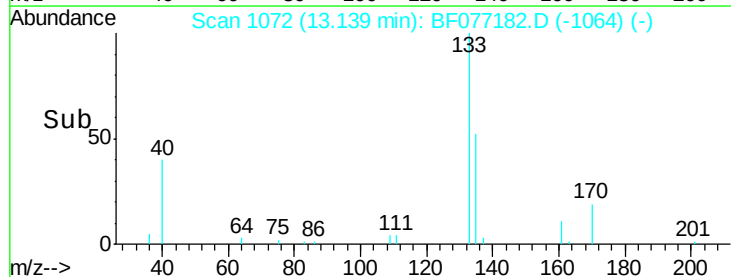
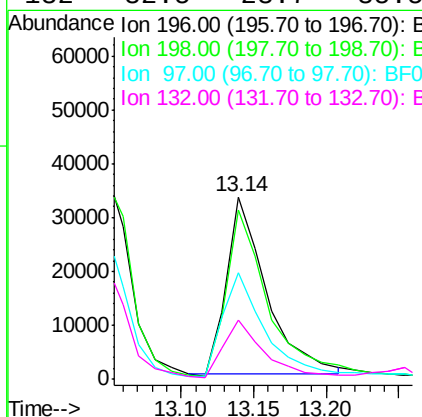
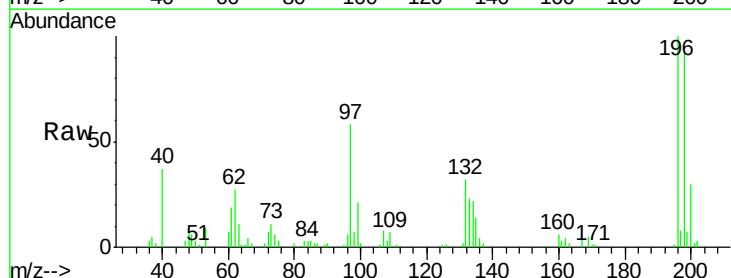
Instrument :
BNA_F
ClientSampled :

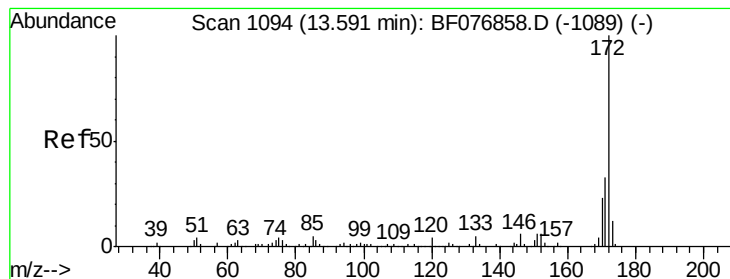
Tot Ion:196 Resp: 66985
Ion Ratio Lower Upper
196 100
198 93.7 72.0 108.0
200 29.7 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 35.32 ng
RT: 13.14 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:196 Resp: 62786
Ion Ratio Lower Upper
196 100
198 92.9 76.6 115.0
97 58.1 43.4 65.0
132 32.5 23.7 35.5





#44

2-Fluorobiphenyl

Concen: 80.99 ng

RT: 13.25 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

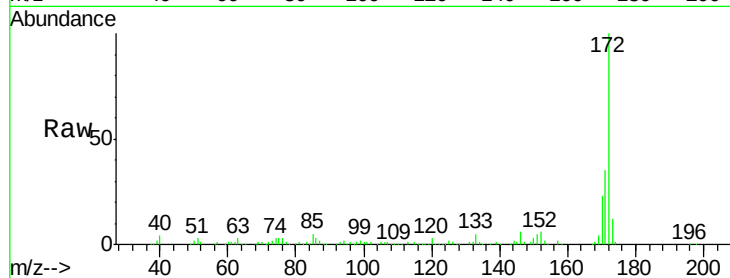
Tot Ion:172 Resp: 514974

Ion Ratio Lower Upper

172 100

171 34.7 26.6 40.0

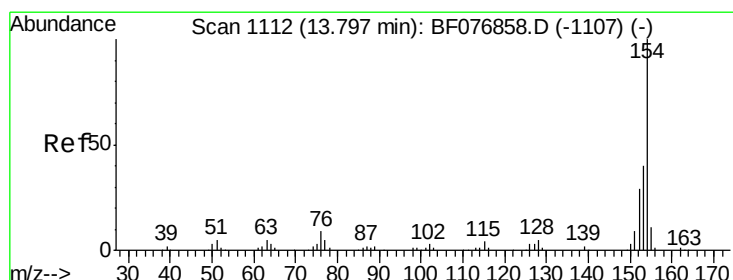
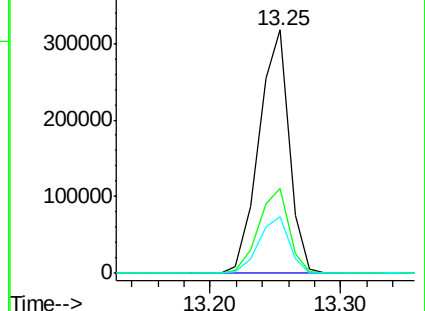
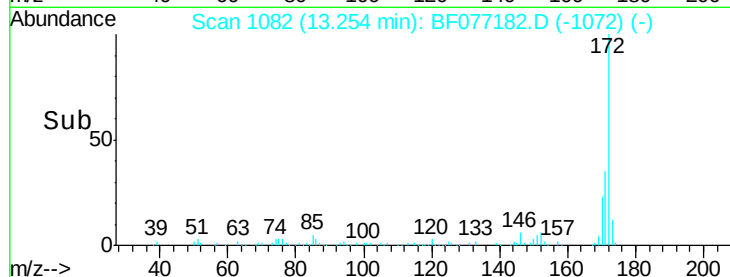
170 23.2 18.0 27.0



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: 41.25 ng

RT: 13.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

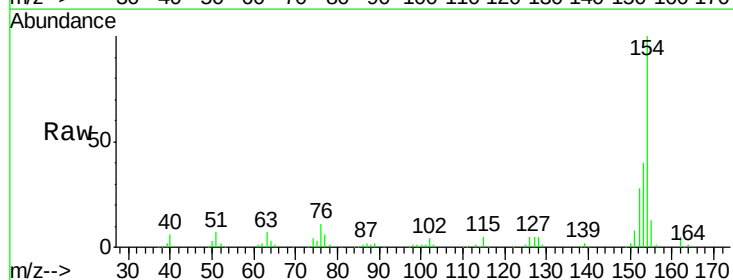
Tgt Ion:154 Resp: 295869

Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

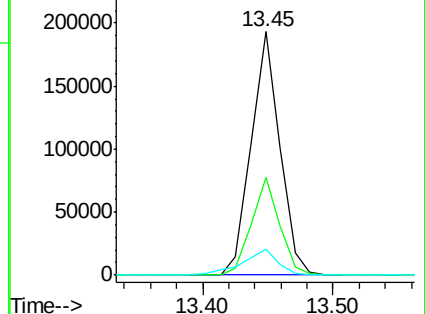
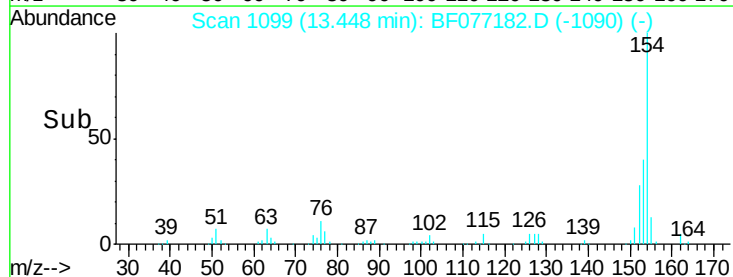
76 10.6 0.0 29.0

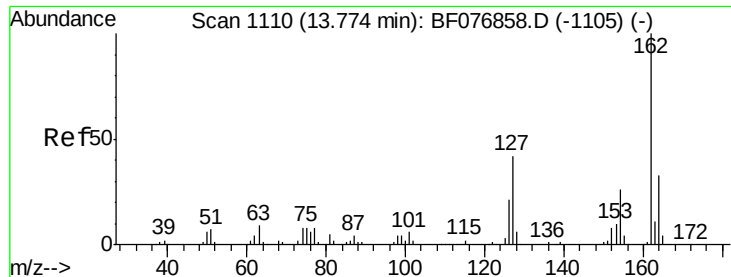


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

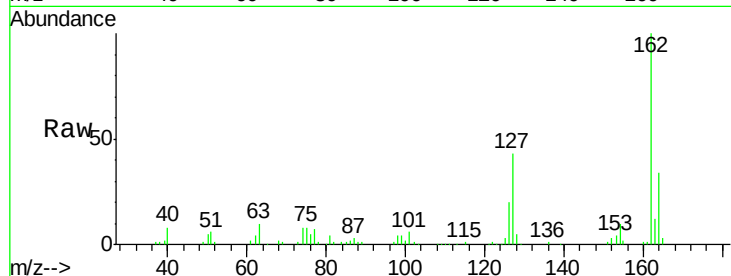




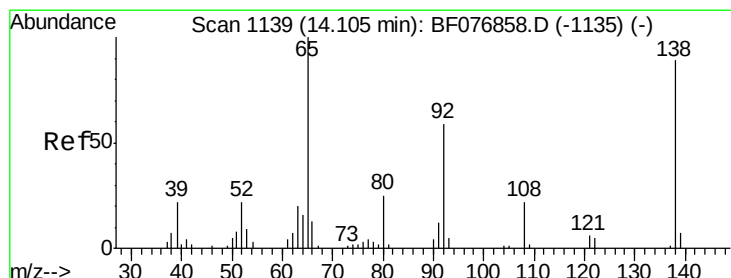
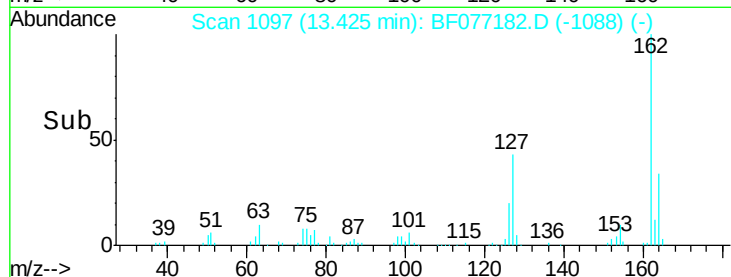
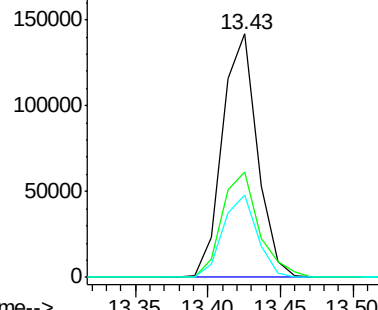
#46
2-Chloronaphthalene
Concen: 40.17 ng
RT: 13.43 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 237121
Ion Ratio Lower Upper
162 100
127 43.1 33.8 50.6
164 33.6 26.8 40.2

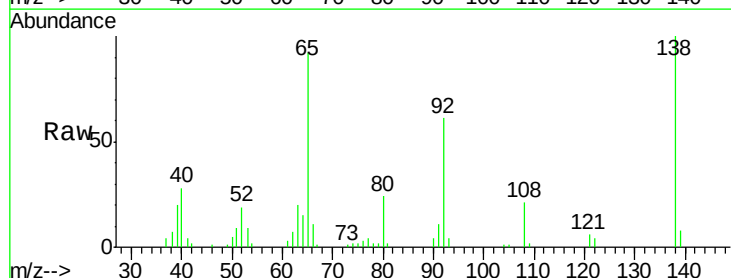


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

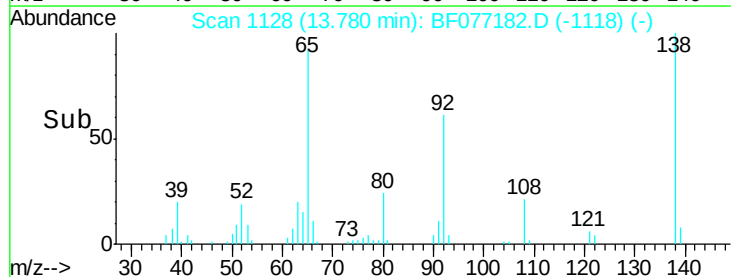
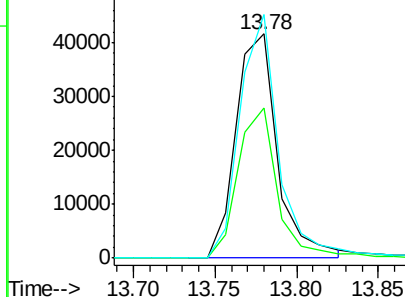


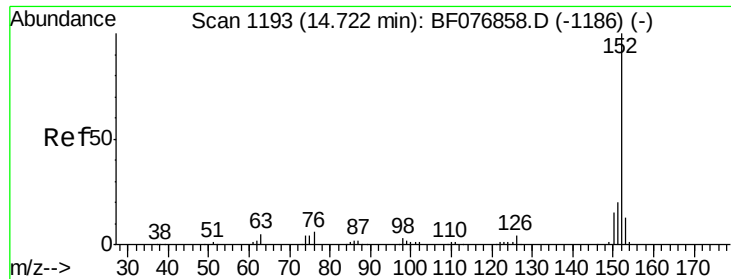
#47
2-Nitroaniline
Concen: 41.00 ng
RT: 13.78 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion: 65 Resp: 73427
Ion Ratio Lower Upper
65 100
92 66.8 47.3 70.9
138 108.8 71.4 107.2#



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





#48

Acenaphthylene

Concen: 41.24 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

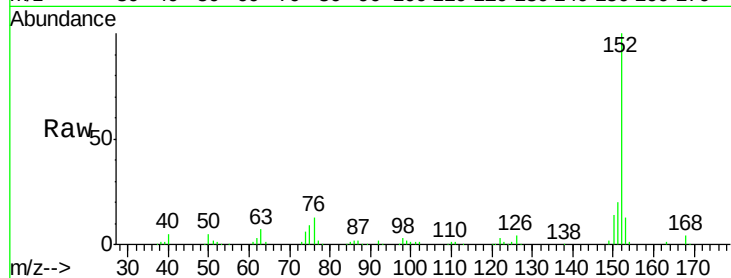
Tot Ion:152 Resp: 410614

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

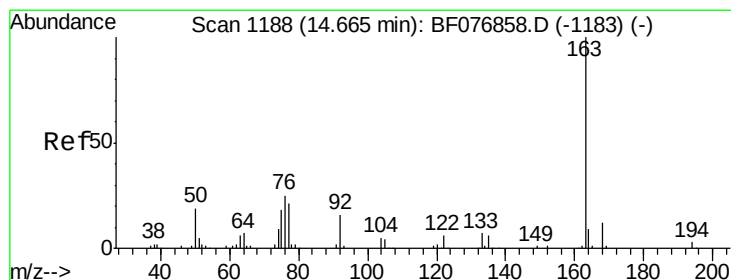
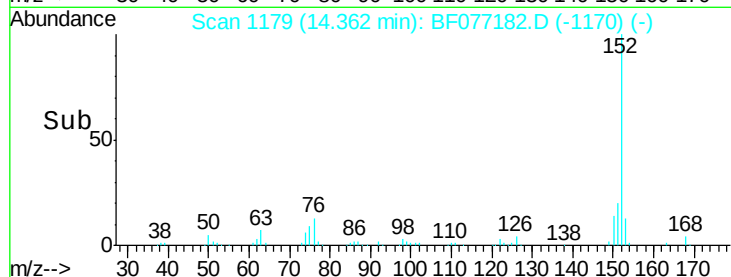
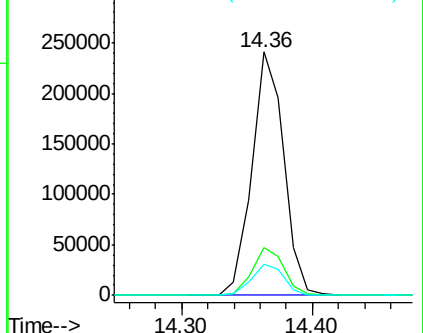
153 12.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.22 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

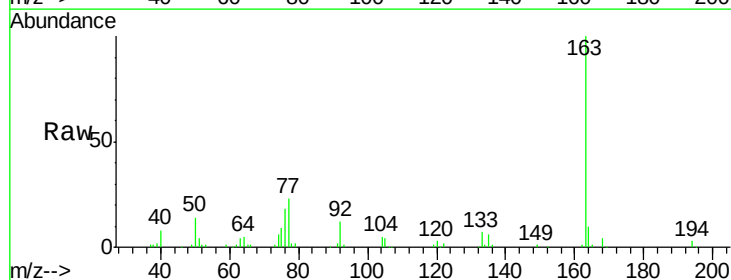
Tgt Ion:163 Resp: 275994

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

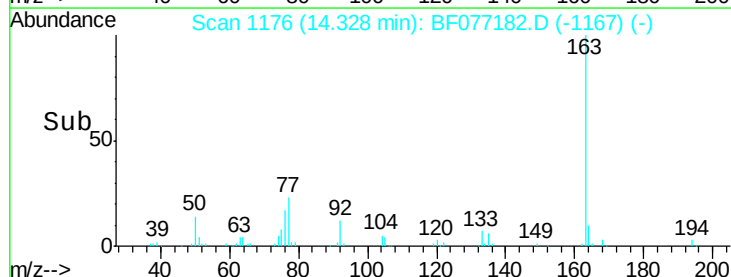
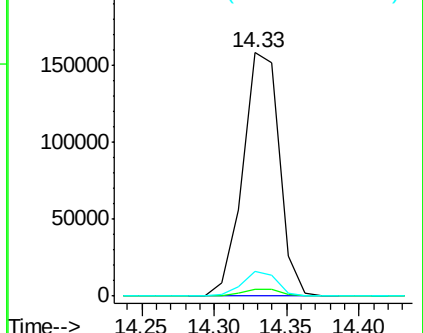
164 10.4 7.5 11.3

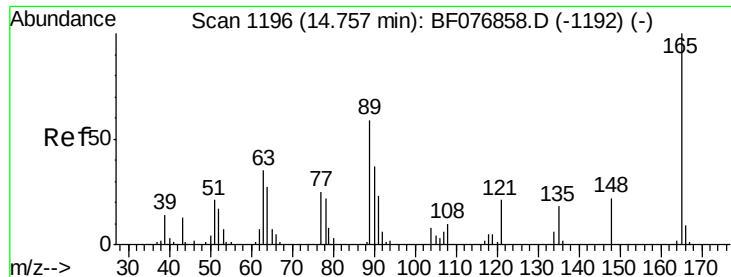


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

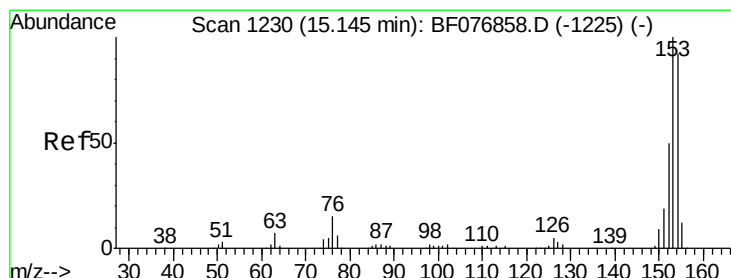
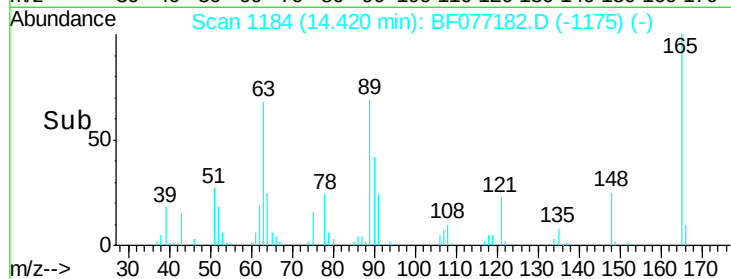
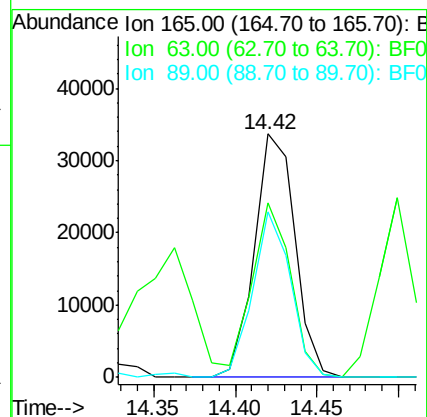
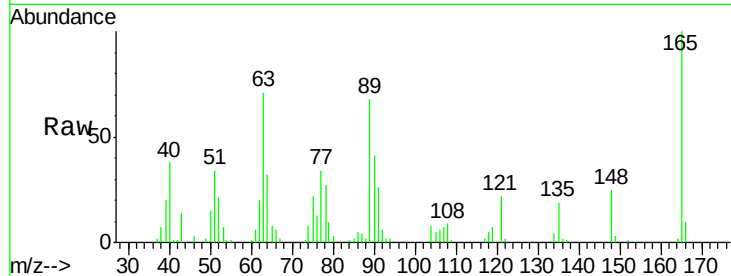




#50
 2,6-Dinitrotoluene
 Concen: 42.62 ng
 RT: 14.42 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

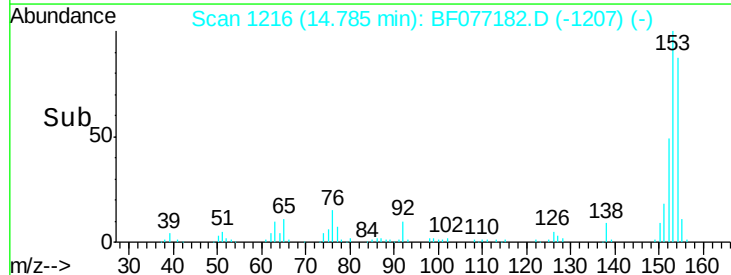
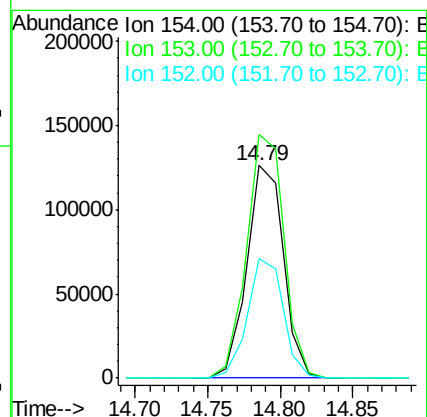
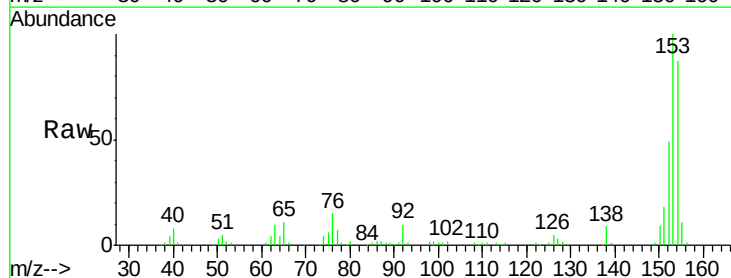
Instrument :
 BNA_F
 ClientSampleId :

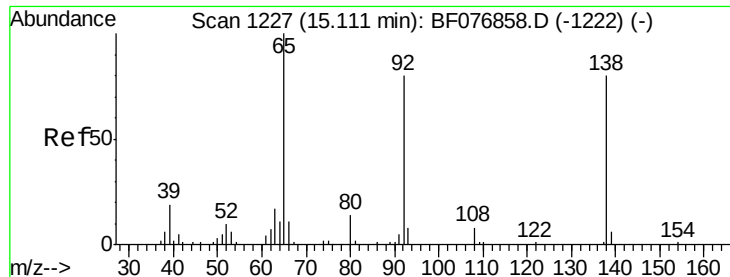
Tot Ion:165 Resp: 58427
 Ion Ratio Lower Upper
 165 100
 63 71.4 48.1 72.1
 89 67.8 47.2 70.8



#51
 Acenaphthene
 Concen: 39.24 ng
 RT: 14.79 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:154 Resp: 221690
 Ion Ratio Lower Upper
 154 100
 153 114.6 87.0 130.6
 152 56.0 43.5 65.3





#52

3-Nitroaniline

Concen: 37.72 ng

RT: 14.77 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

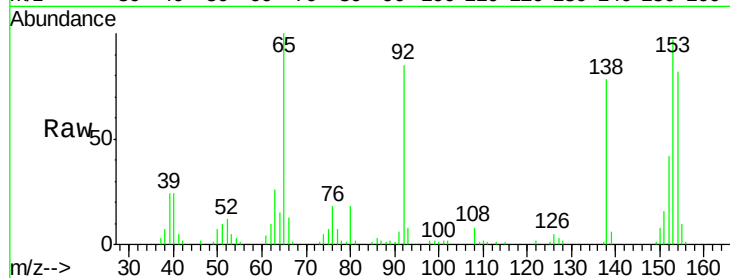
Tot Ion:138 Resp: 66801

Ion Ratio Lower Upper

138 100

108 10.7 8.3 12.5

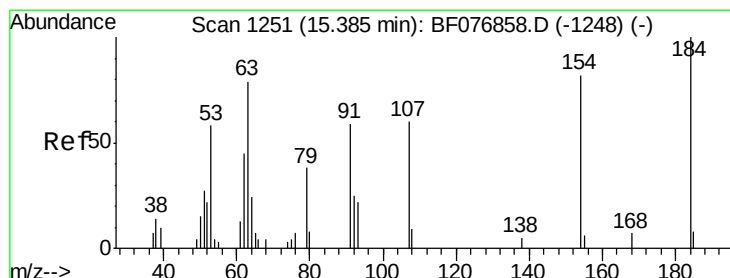
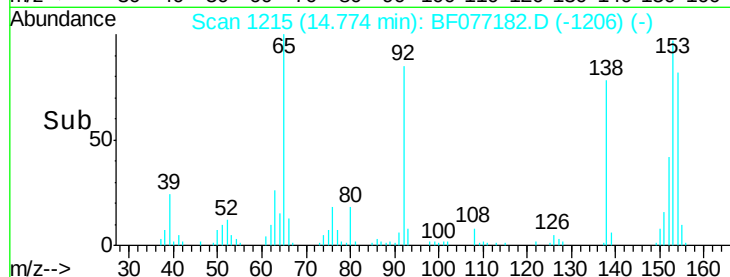
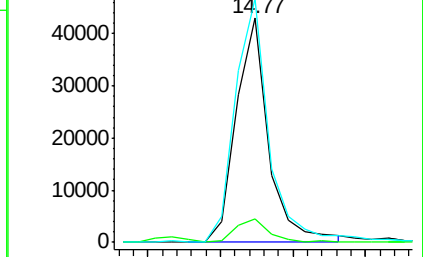
92 108.8 80.9 121.3



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: 31.24 ng

RT: 15.06 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

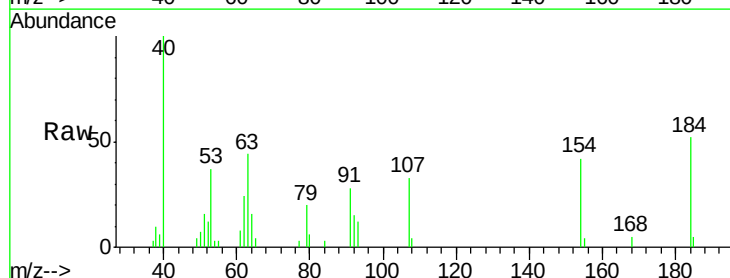
Tgt Ion:184 Resp: 14694

Ion Ratio Lower Upper

184 100

63 85.5 63.0 94.6

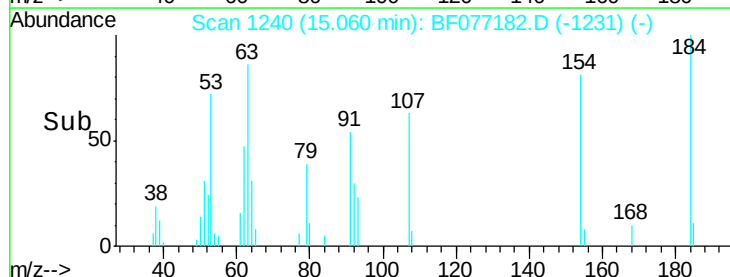
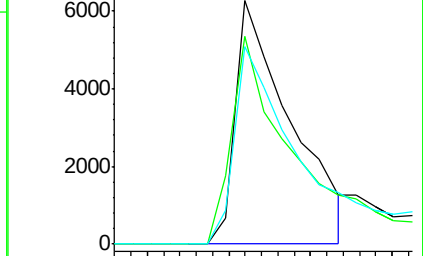
154 80.9 65.5 98.3

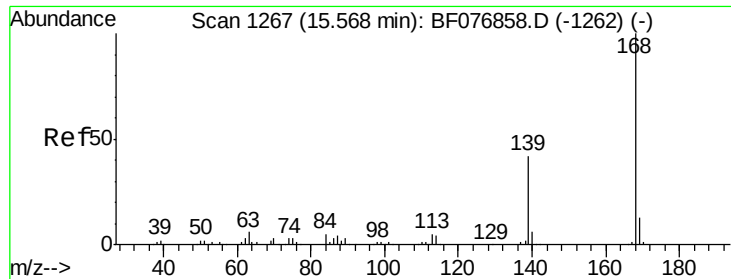


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

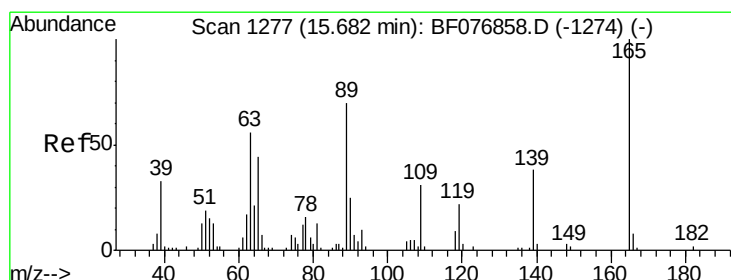
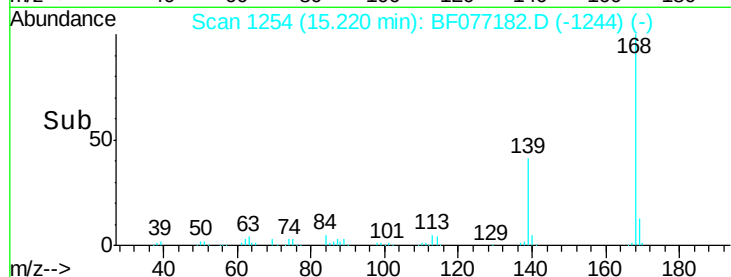
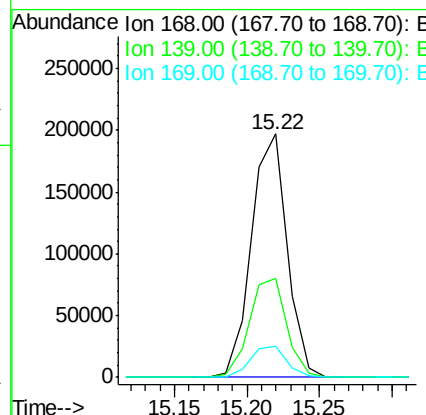
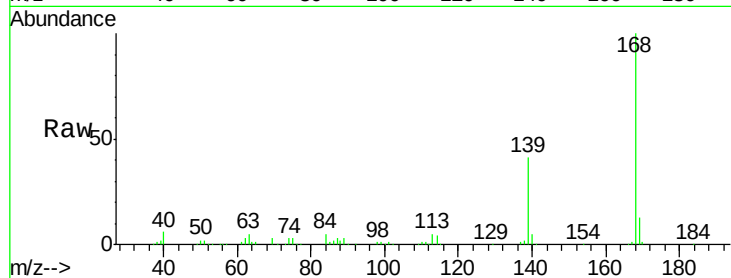




#54
Dibenzofuran
Concen: 40.86 ng
RT: 15.22 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

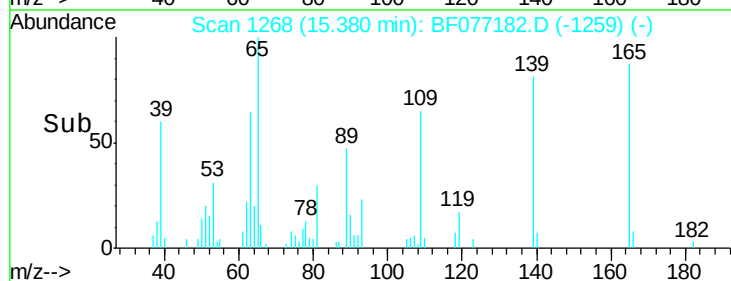
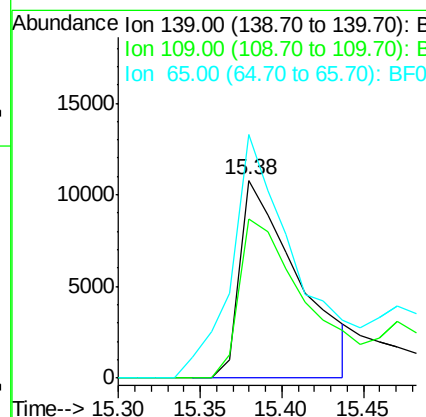
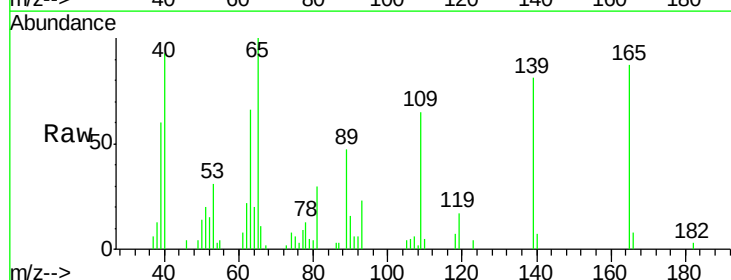
Instrument :
BNA_F
ClientSampled :

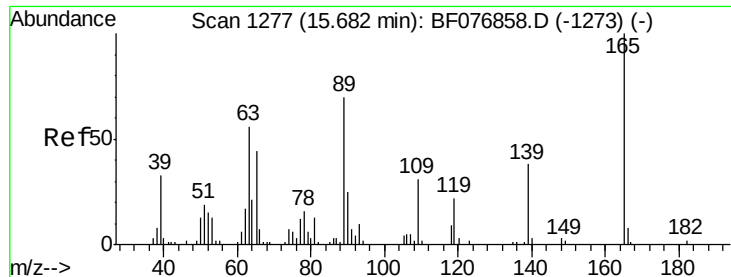
Tot Ion:168 Resp: 336239
Ion Ratio Lower Upper
168 100
139 40.8 33.4 50.2
169 13.0 10.6 15.8



#55
4-Nitrophenol
Concen: 24.80 ng
RT: 15.38 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:139 Resp: 26674
Ion Ratio Lower Upper
139 100
109 80.2 61.0 101.0
65 123.0 96.6 136.6

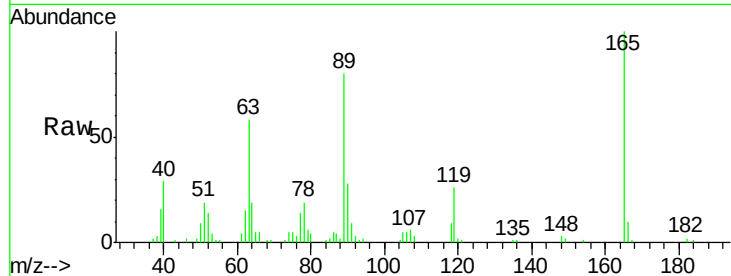




#56
 2,4-Dinitrotoluene
 Concen: 39.72 ng
 RT: 15.36 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.2	44.8	67.2
89	79.6	56.2	84.2
182	1.8	1.5	2.3

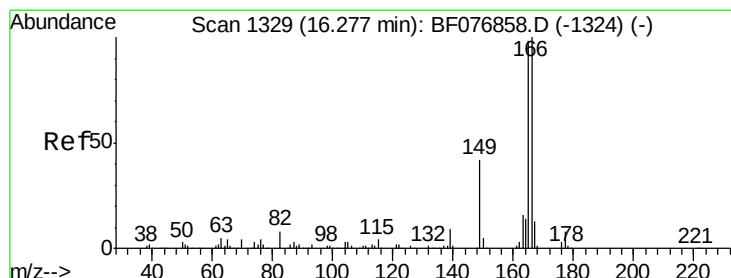
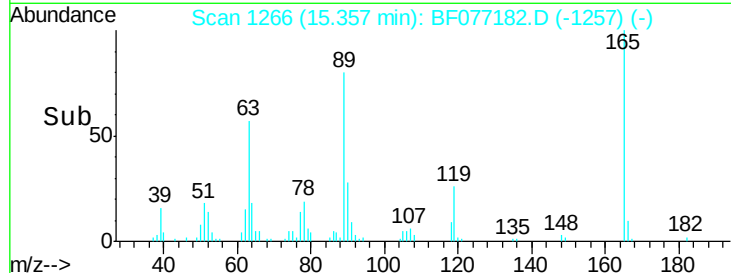
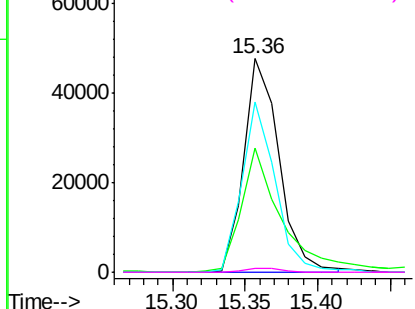


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

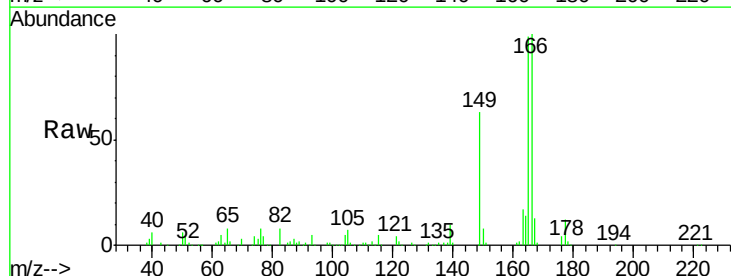
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 39.65 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

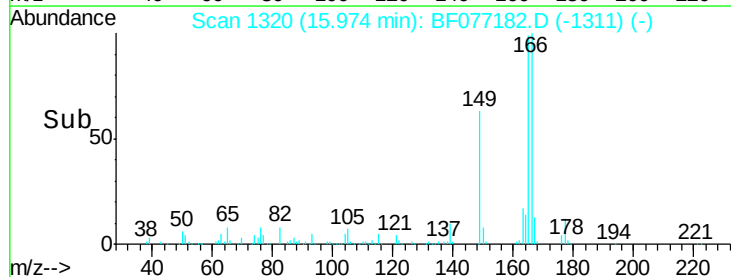
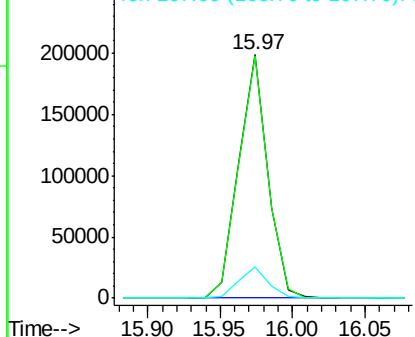
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.5	117.7
167	13.0	10.4	15.6

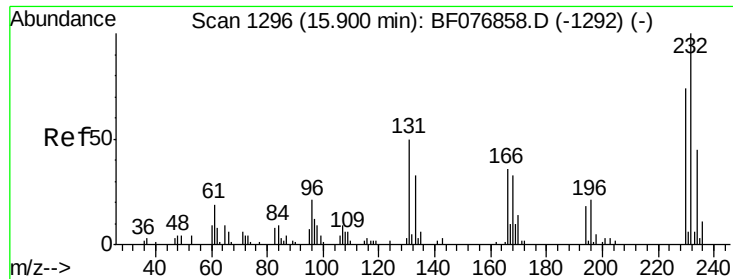


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

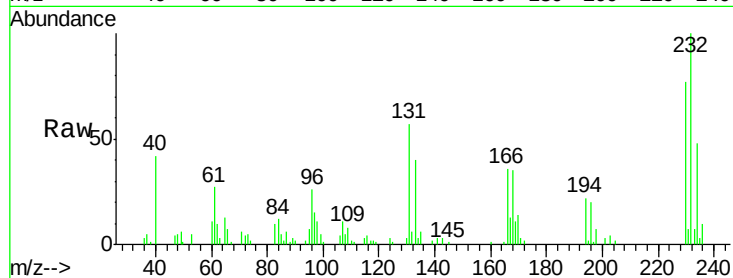




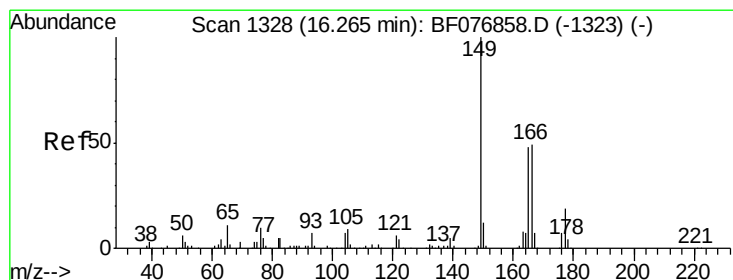
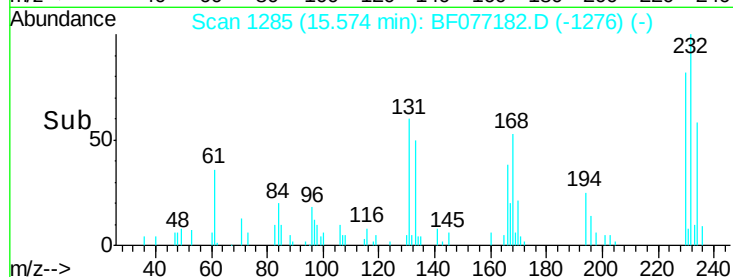
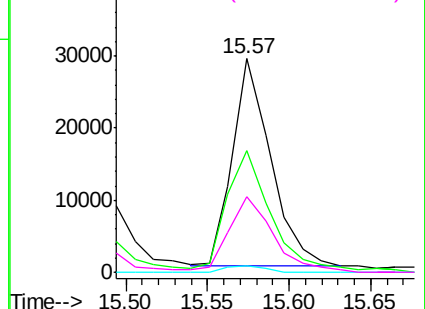
#58
2,3,4,6-Tetrachlorophenol
Concen: 35.81 ng
RT: 15.57 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 46357
Ion Ratio Lower Upper
232 100
131 62.8 45.0 67.6
130 3.1 2.6 3.8
166 38.7 30.9 46.3

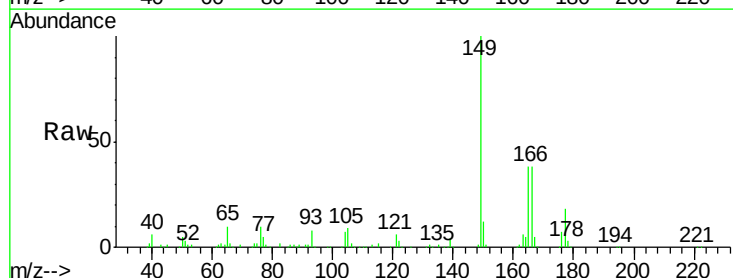


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

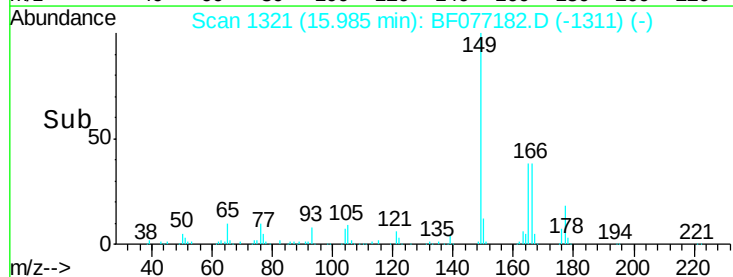
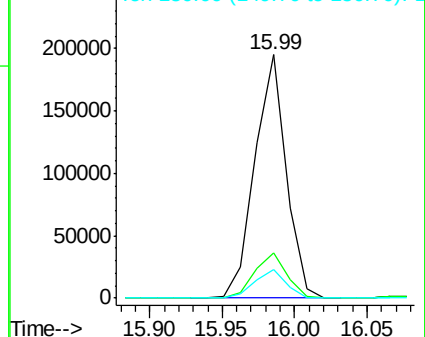


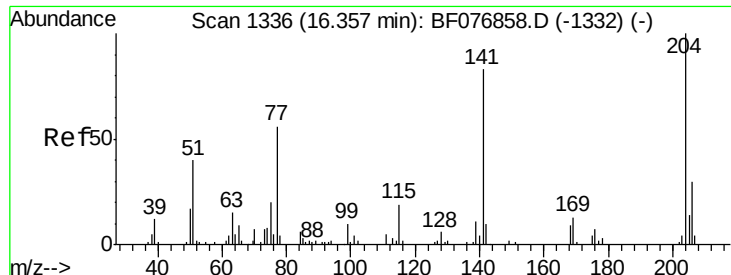
#59
Diethylphthalate
Concen: 42.20 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:149 Resp: 292668
Ion Ratio Lower Upper
149 100
177 18.4 15.0 22.6
150 11.8 9.4 14.0



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

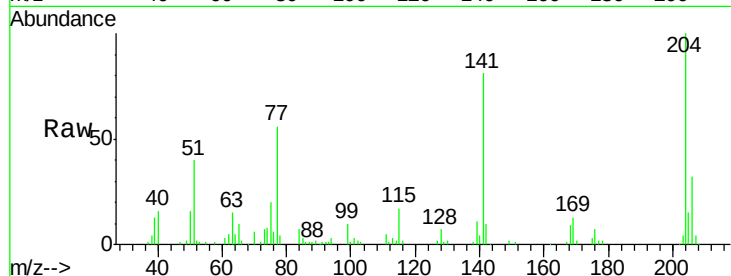




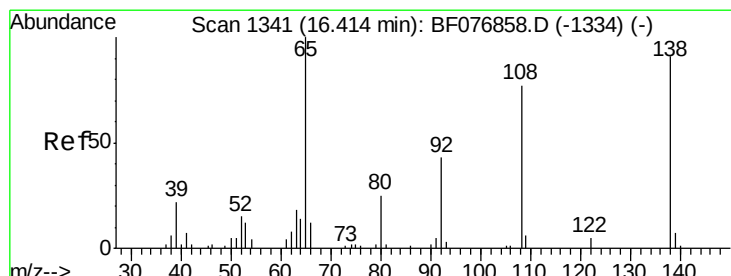
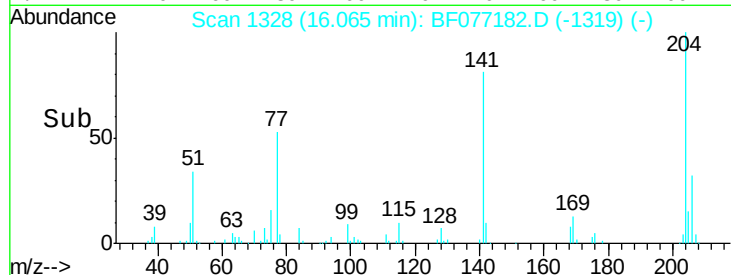
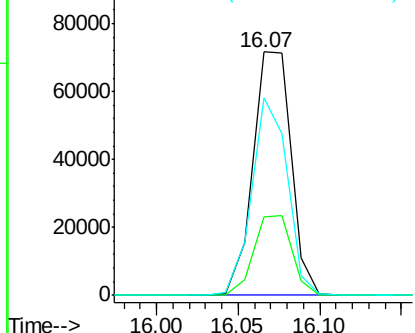
#60
4-Chlorophenyl-phenylether
Concen: 41.05 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 117108
Ion Ratio Lower Upper
204 100
206 32.3 24.2 36.2
141 81.2 66.7 100.1

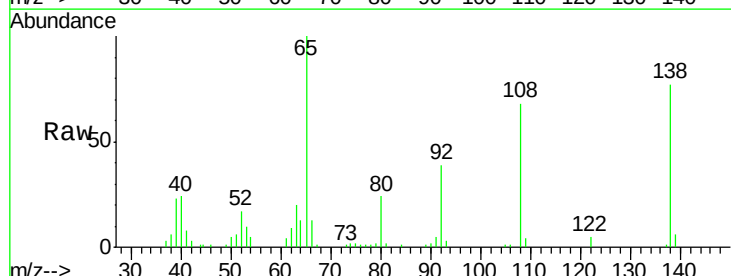


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

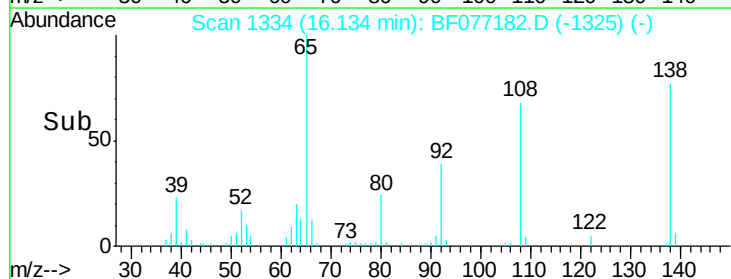
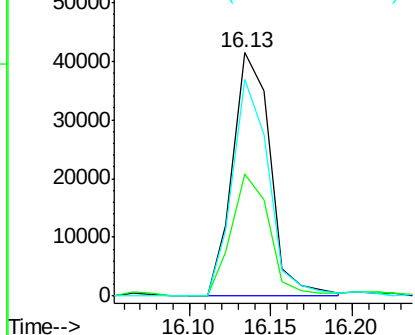


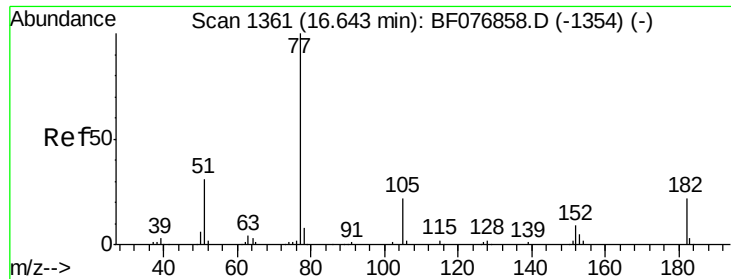
#61
4-Nitroaniline
Concen: 38.58 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:138 Resp: 66178
Ion Ratio Lower Upper
138 100
92 50.3 26.7 66.7
108 88.9 64.5 104.5



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: 41.34 ng

RT: 16.36 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 298703

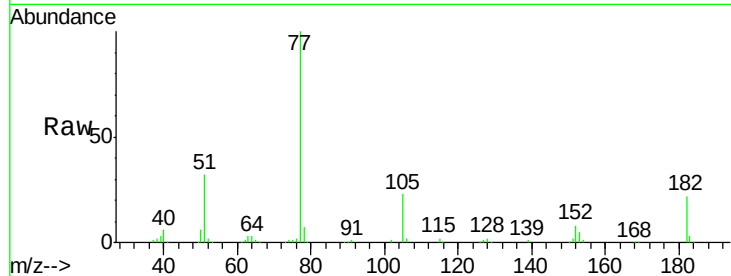
Ion Ratio Lower Upper

77 100

182 22.2 2.0 42.0

105 22.6 2.3 42.3

51 31.6 10.7 50.7

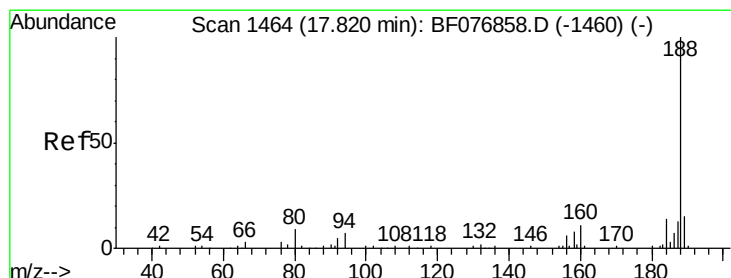
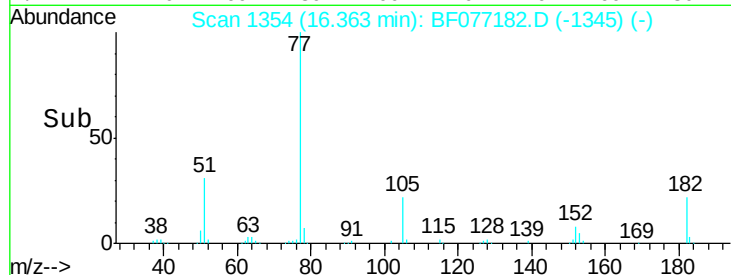
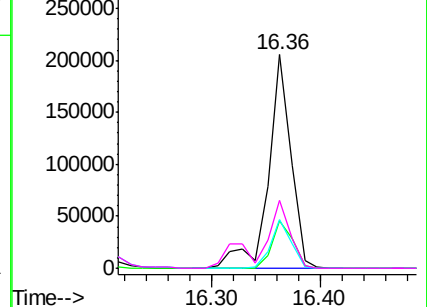


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

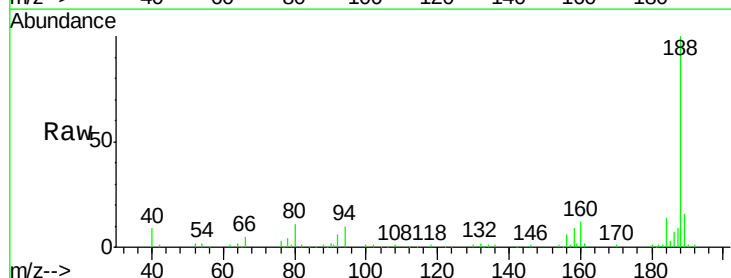
Tgt Ion: 188 Resp: 165290

Ion Ratio Lower Upper

188 100

94 10.4 6.0 9.0#

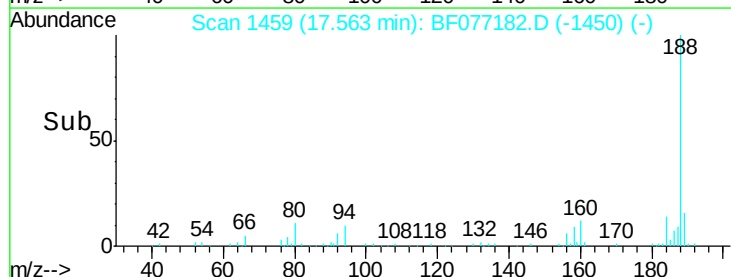
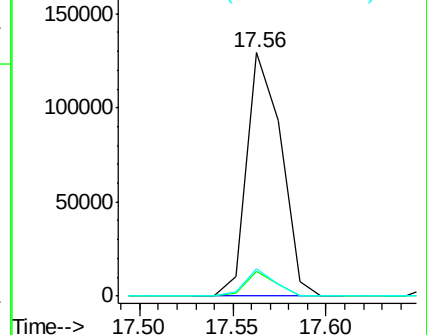
80 11.1 6.9 10.3#

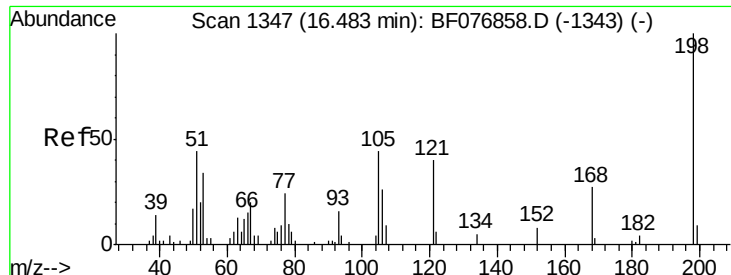


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

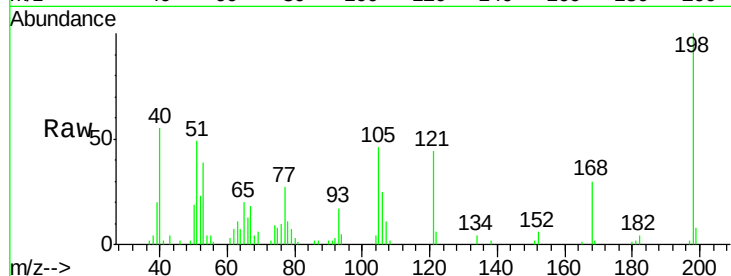




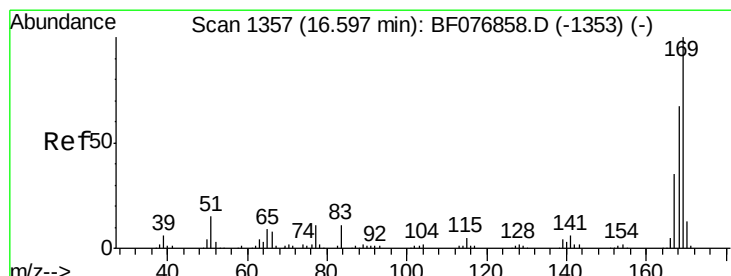
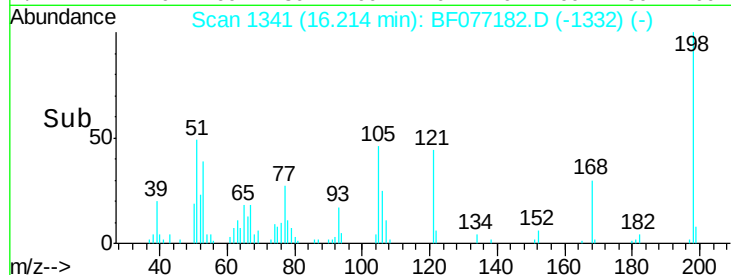
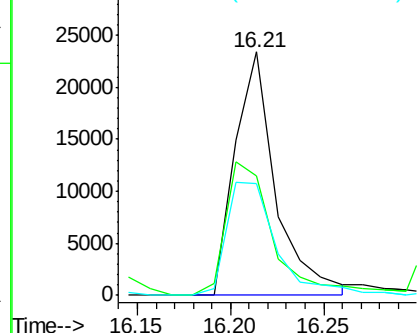
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.57 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 35663
 Ion Ratio Lower Upper
 198 100
 51 49.2 24.2 64.2
 105 45.8 24.0 64.0

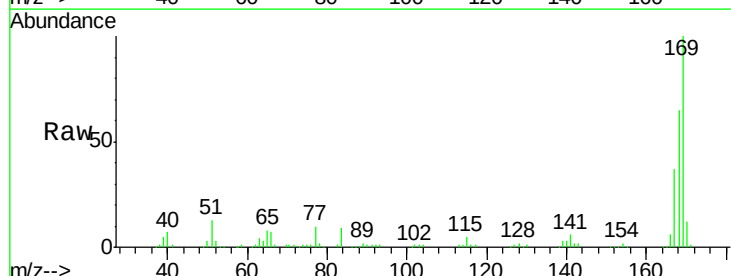


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

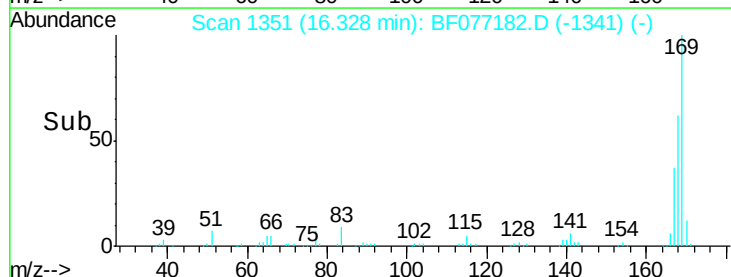
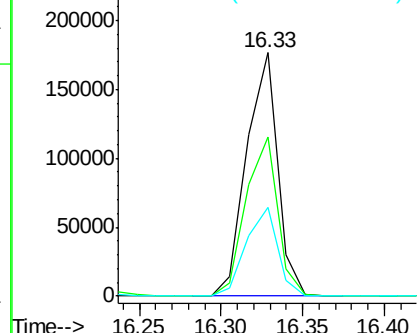


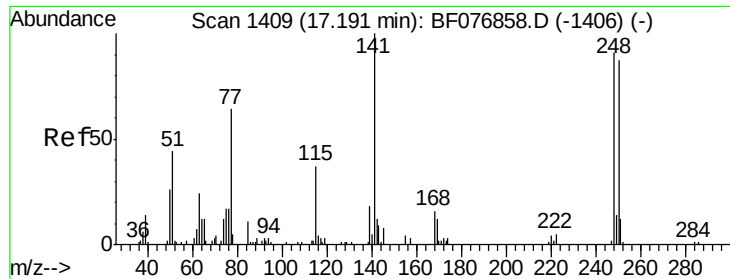
#65
 n-Nitrosodiphenylamine
 Concen: 39.57 ng
 RT: 16.33 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:169 Resp: 233202
 Ion Ratio Lower Upper
 169 100
 168 65.3 53.8 80.6
 167 36.6 27.8 41.6



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

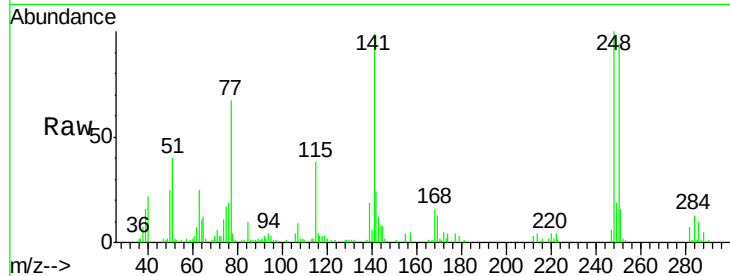




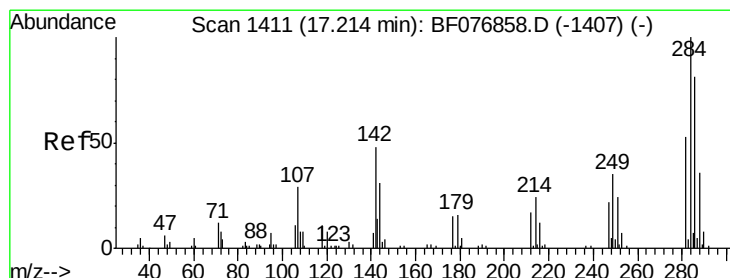
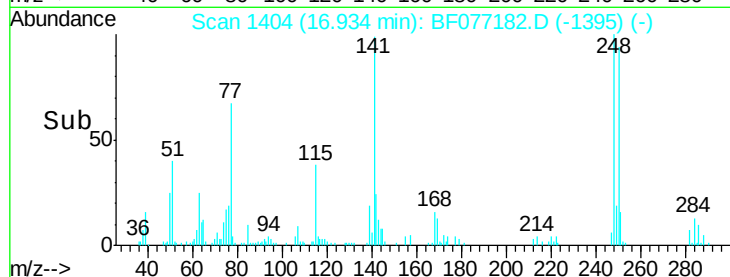
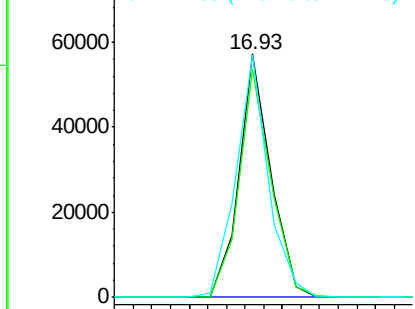
#66
4-Bromophenyl-phenylether
Concen: 40.28 ng
RT: 16.93 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 67450
Ion Ratio Lower Upper
248 100
250 93.8 77.1 115.7
141 99.4 88.2 132.4

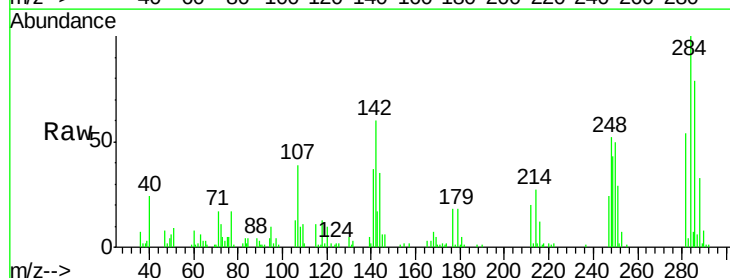


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

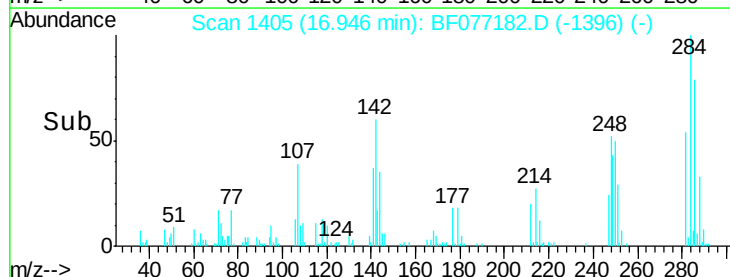
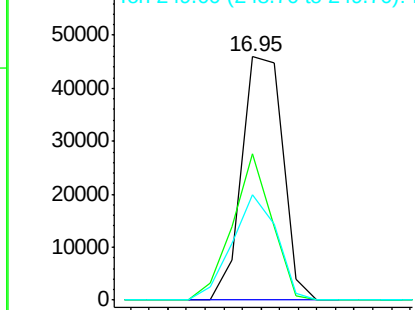


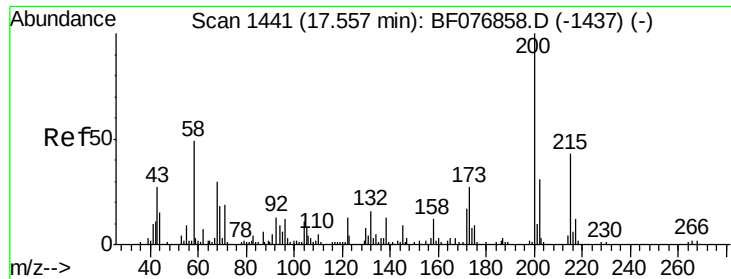
#67
Hexachlorobenzene
Concen: 39.71 ng
RT: 16.95 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:284 Resp: 70069
Ion Ratio Lower Upper
284 100
142 59.9 38.2 57.4#
249 43.5 28.2 42.2#



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: 41.07 ng

RT: 17.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

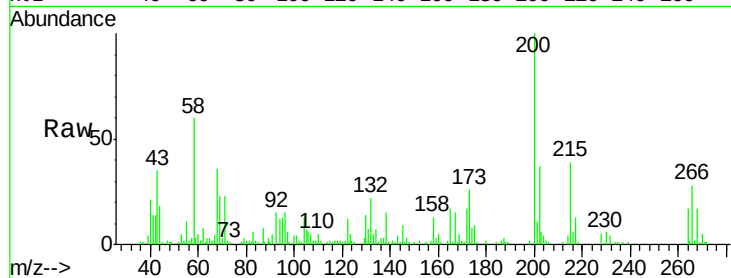
Tot Ion:200 Resp: 73449

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

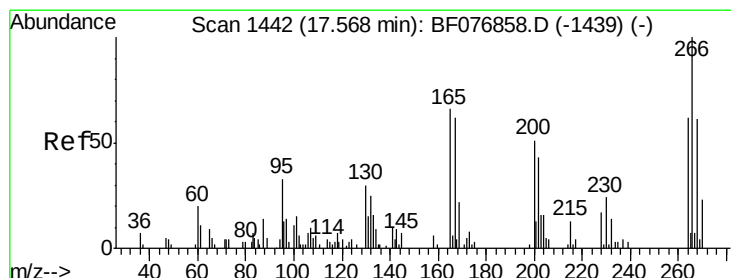
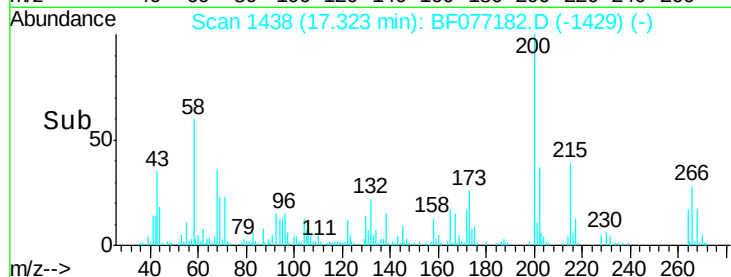
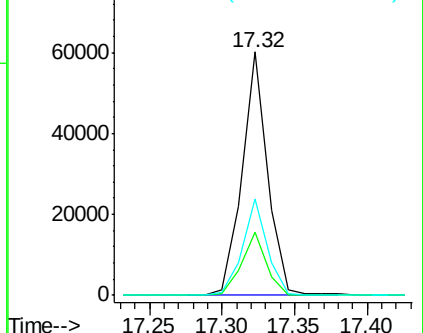
215 39.4 22.9 62.9



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: 35.05 ng

RT: 17.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

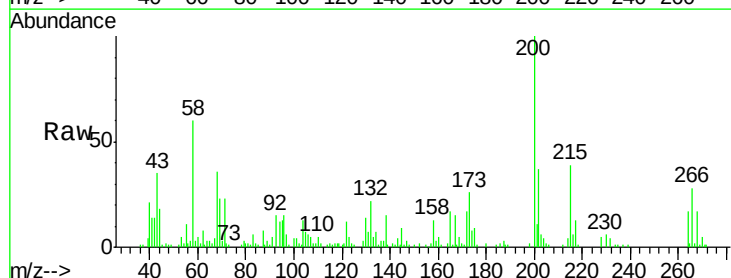
Tgt Ion:266 Resp: 24930

Ion Ratio Lower Upper

266 100

268 59.0 48.6 72.8

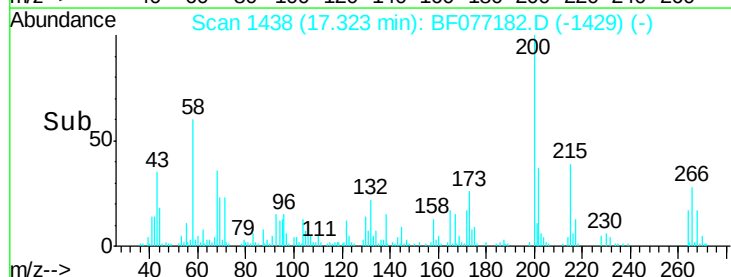
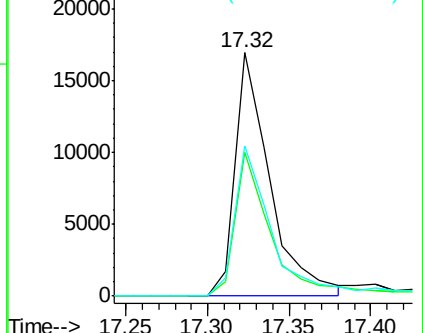
264 61.8 49.5 74.3

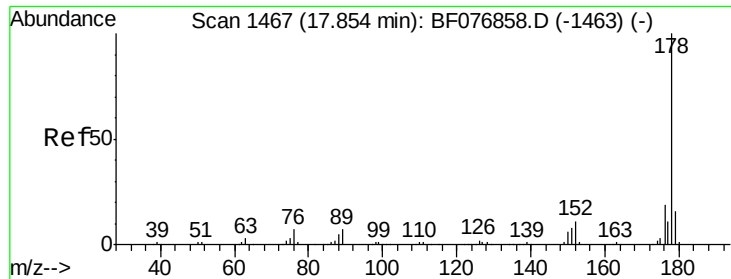


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

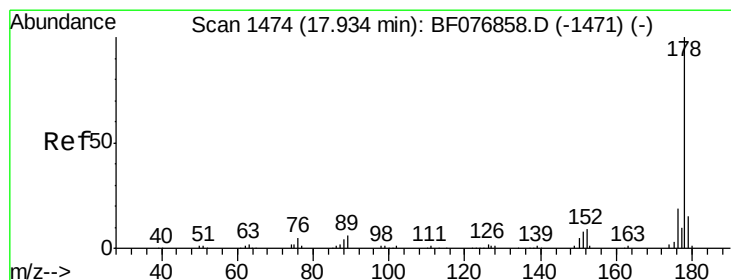
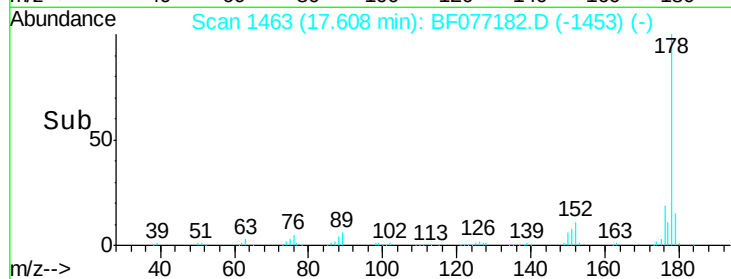
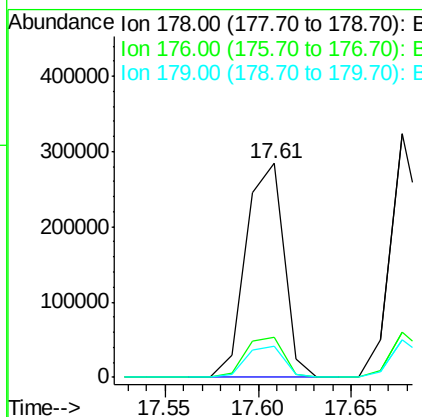
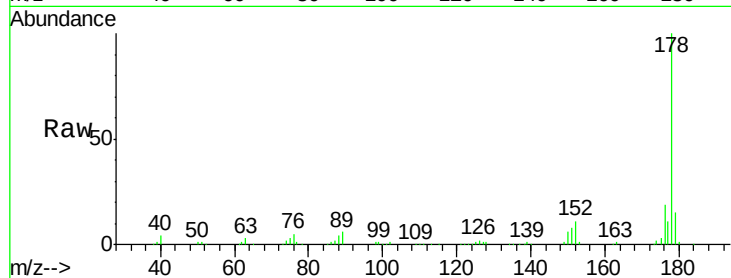




#70
Phenanthrene
Concen: 38.79 ng
RT: 17.61 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

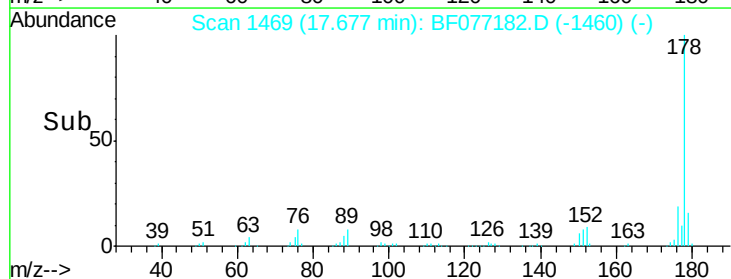
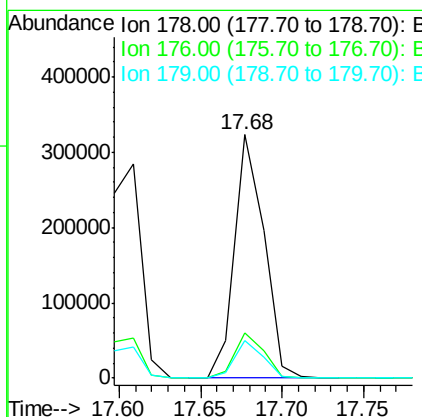
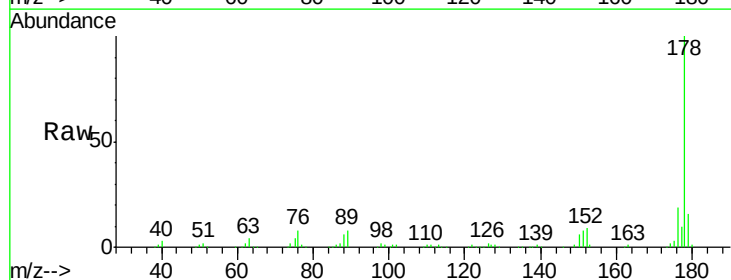
Instrument :
BNA_F
ClientSampleId :

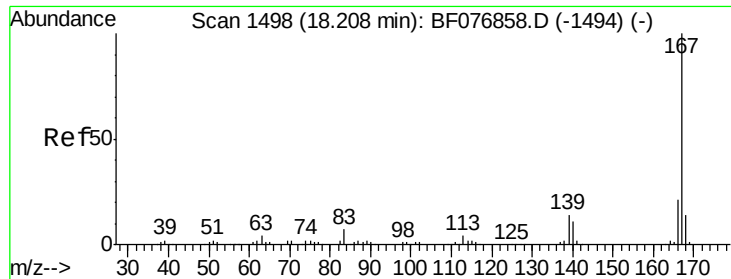
Tot Ion:178 Resp: 399863
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 14.8 12.7 19.1



#71
Anthracene
Concen: 40.09 ng
RT: 17.68 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:178 Resp: 402961
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.5 11.9 17.9





#72

Carbazole

Concen: 41.11 ng

RT: 17.97 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

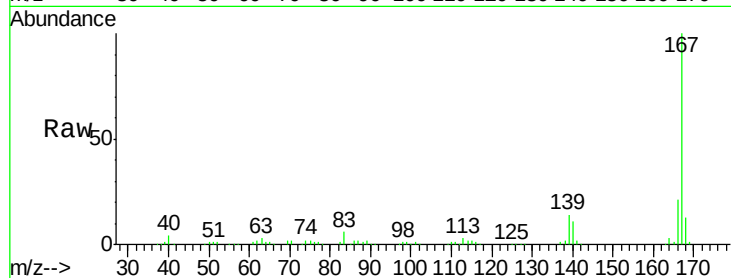
Tot Ion:167 Resp: 400823

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

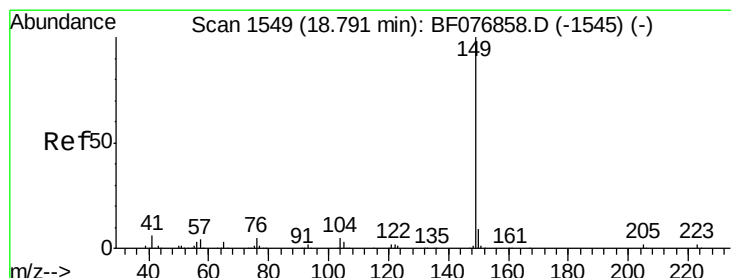
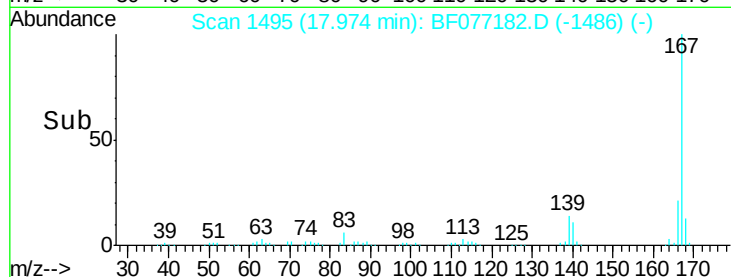
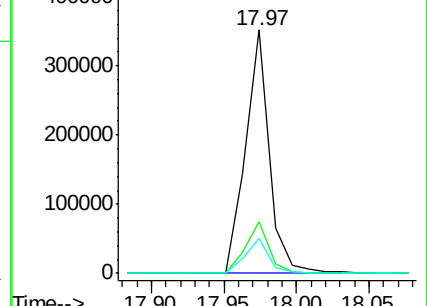
139 14.4 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.73 ng

RT: 18.57 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

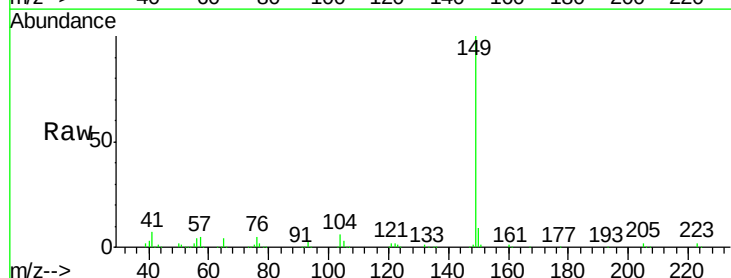
Tgt Ion:149 Resp: 470922

Ion Ratio Lower Upper

149 100

150 9.3 6.9 10.3

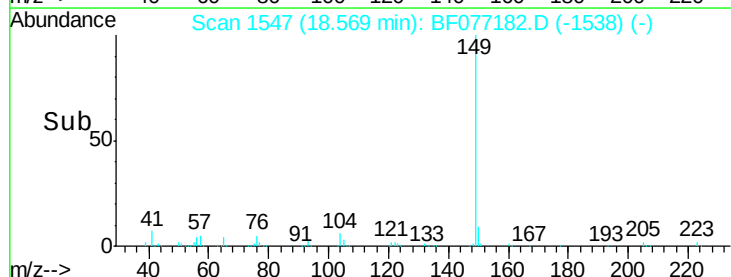
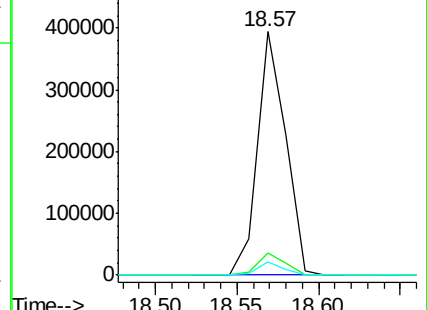
104 5.6 3.7 5.5#

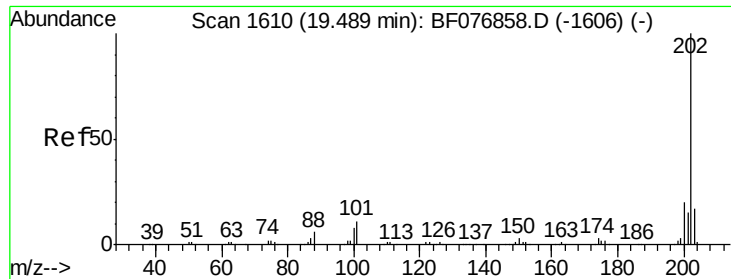


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

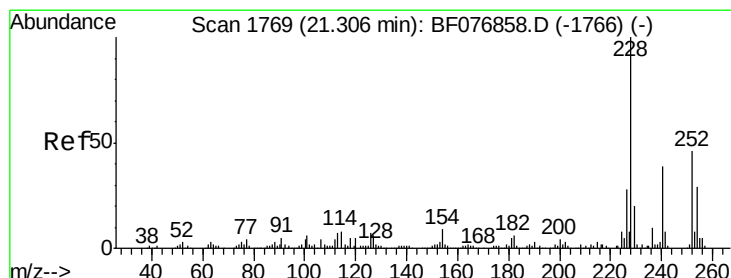
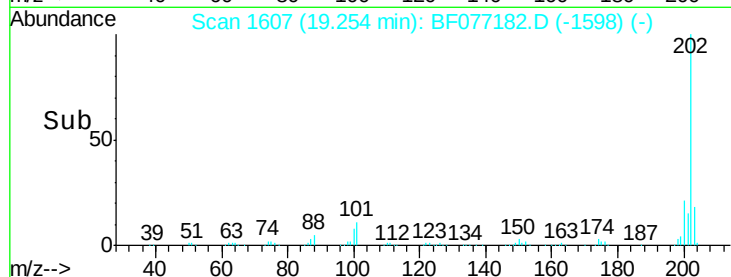
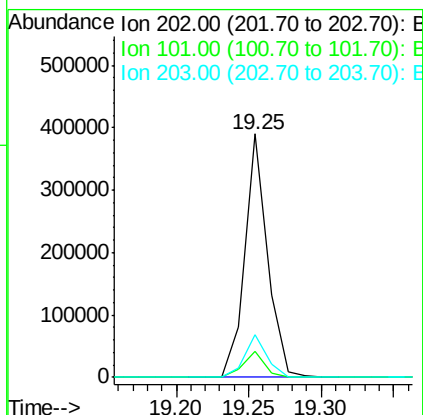
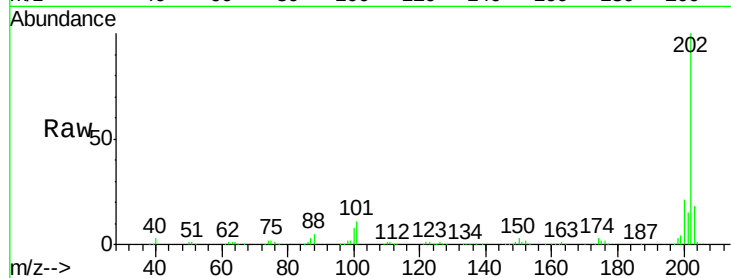




#74
 Fluoranthene
 Concen: 39.92 ng
 RT: 19.25 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

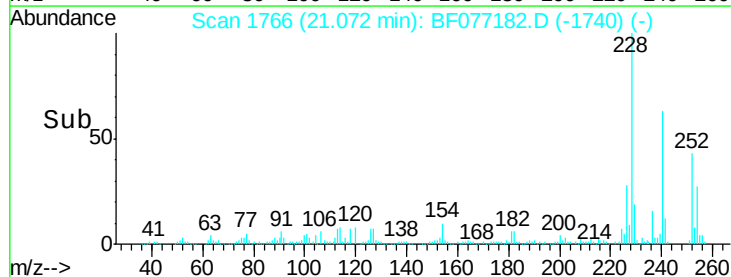
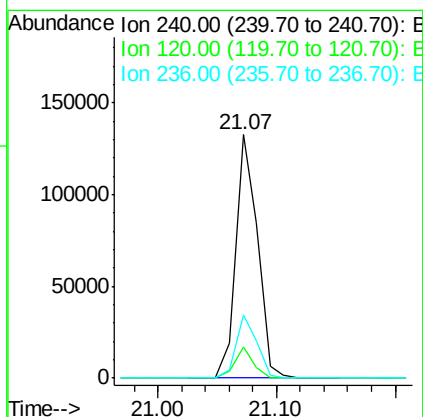
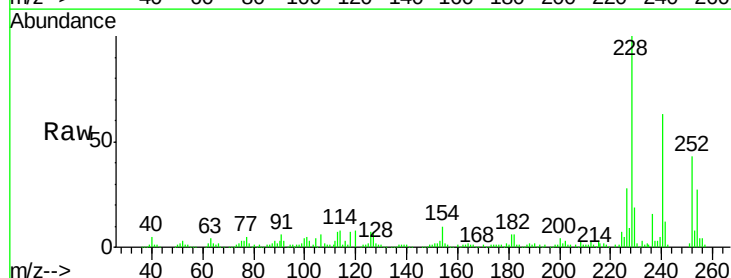
Instrument :
 BNA_F
 ClientSampleId :

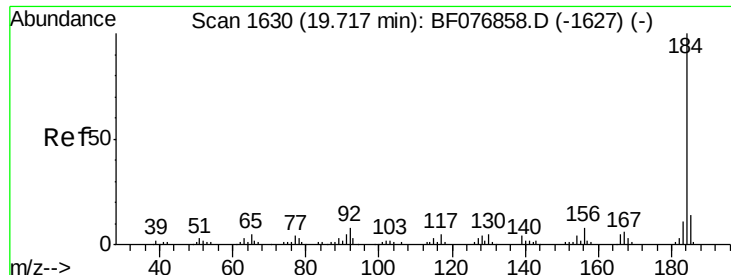
Tot Ion:202 Resp: 421645
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.7
 203 17.8 0.0 36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077182.D
 Acq: 4 Feb 2015 17:25

Tgt Ion:240 Resp: 168271
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.4 15.6
 236 26.1 20.2 30.2

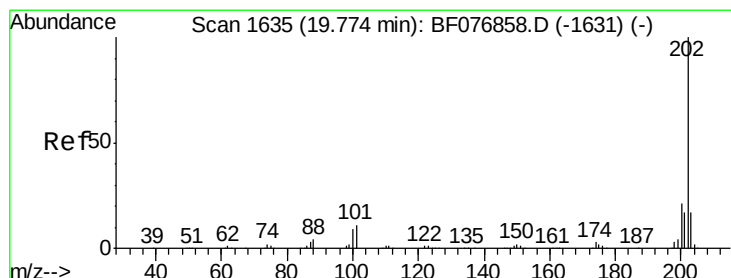
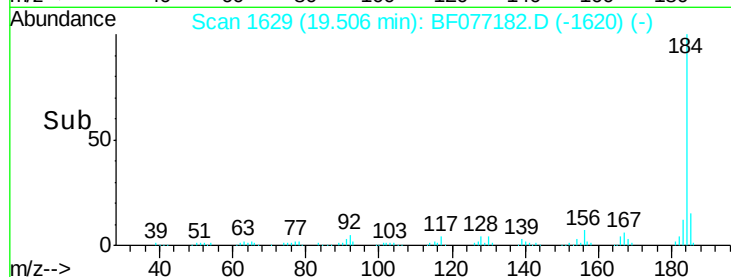
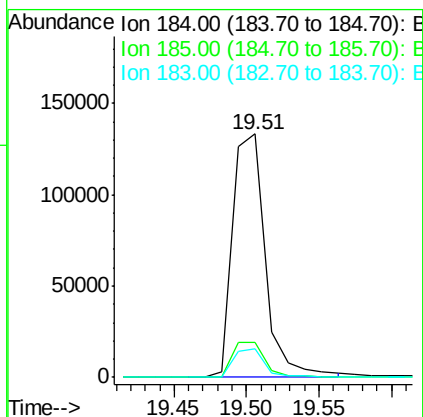
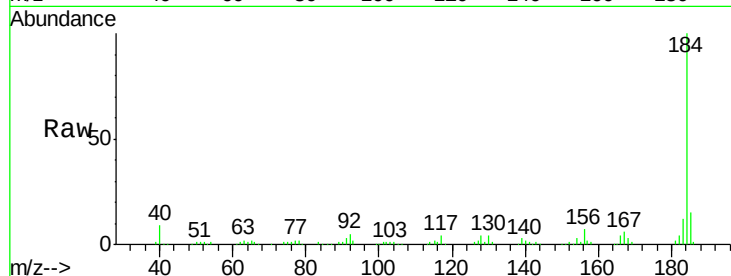




#76
Benzidine
Concen: 38.92 ng
RT: 19.51 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

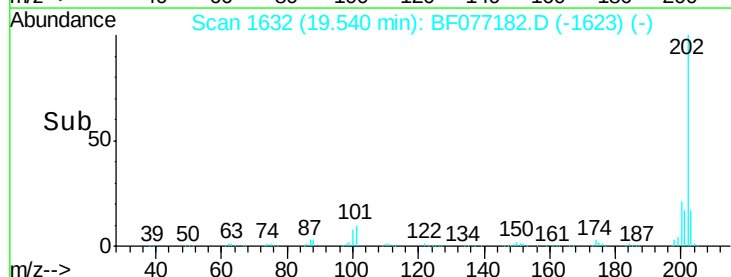
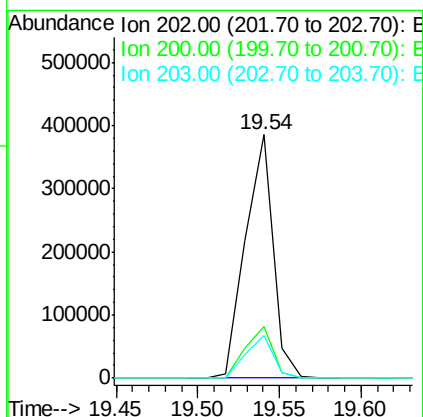
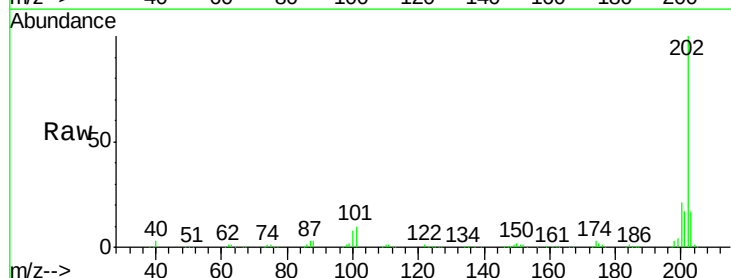
Instrument :
BNA_F
ClientSampleId :

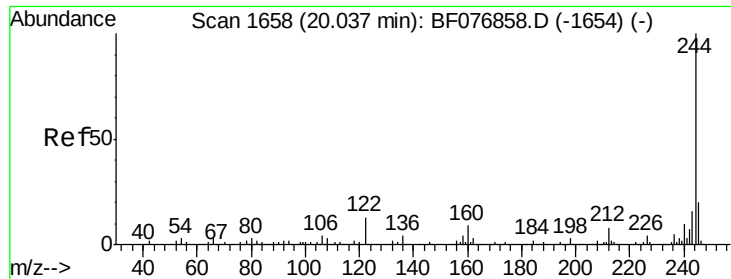
Tot Ion:184 Resp: 209569
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.5 9.0 13.6



#77
Pyrene
Concen: 39.43 ng
RT: 19.54 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:202 Resp: 454687
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.5 14.0 21.0





#78

Terphenyl-d14

Concen: 76.97 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

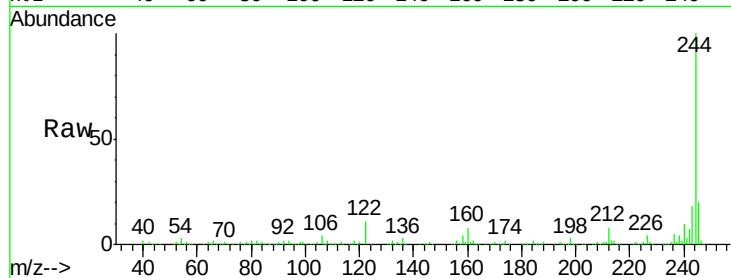
Tot Ion:244 Resp: 562624

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

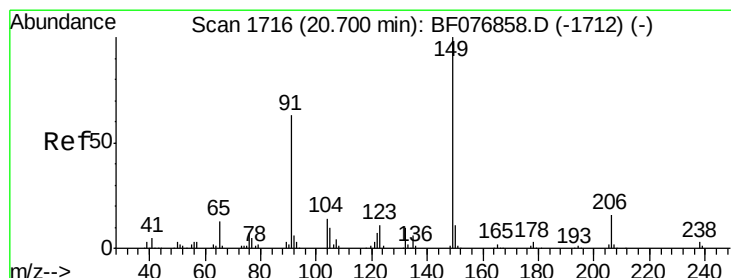
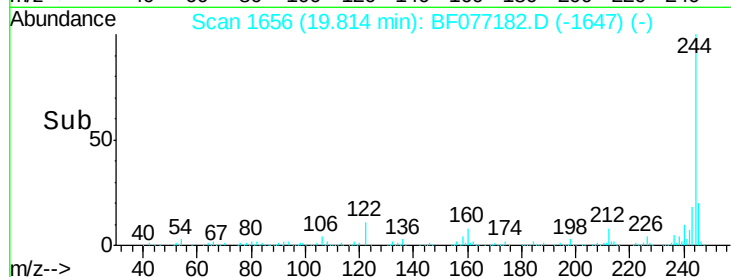
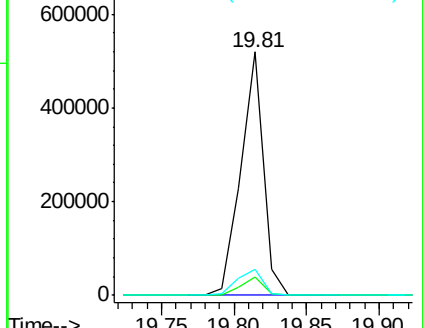
122 10.8 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.19 ng

RT: 20.48 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

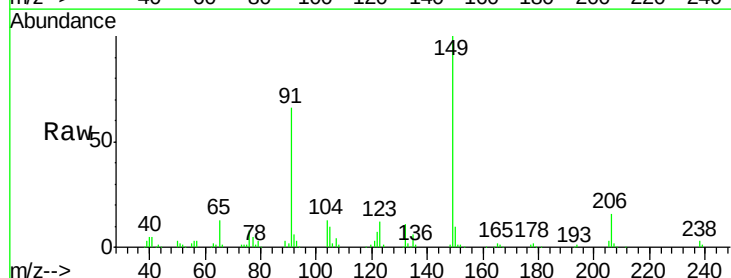
Tgt Ion:149 Resp: 225553

Ion Ratio Lower Upper

149 100

91 66.5 50.6 76.0

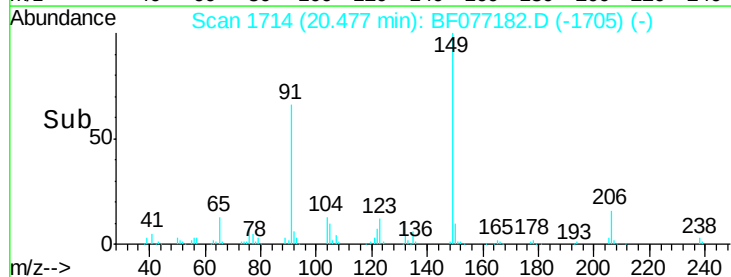
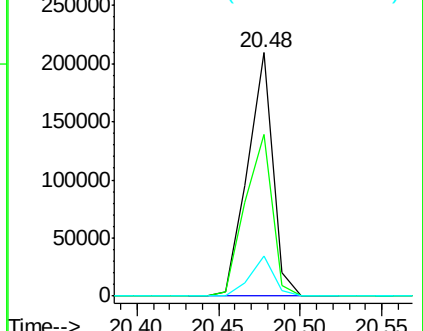
206 16.4 12.8 19.2

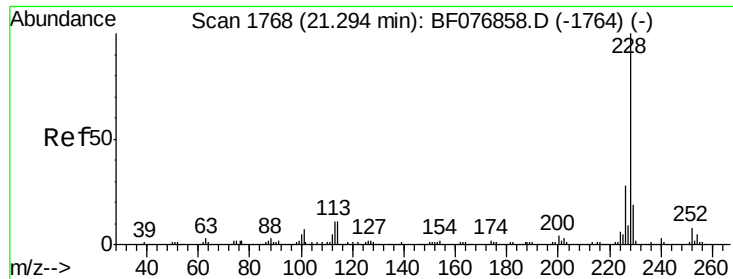


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

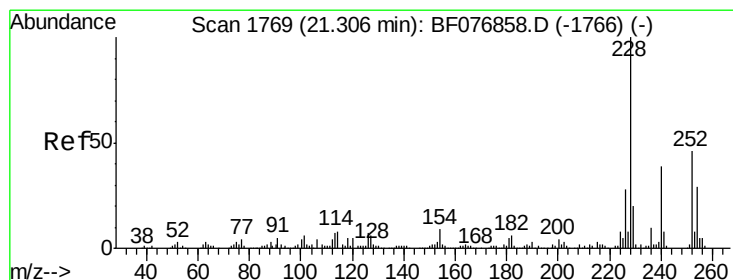
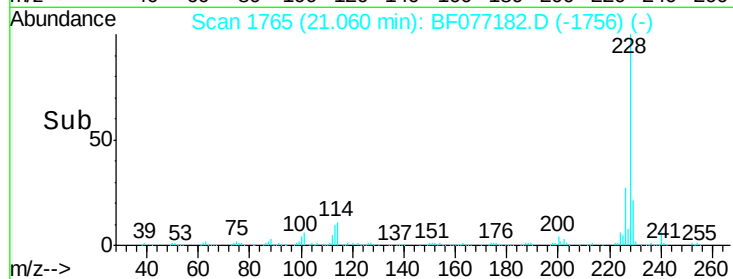
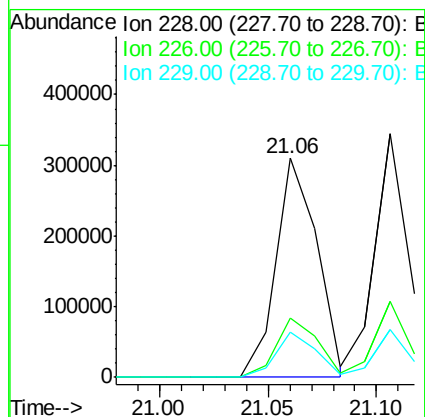
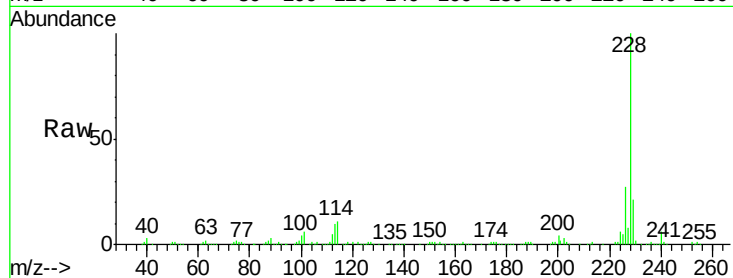




#80
Benzo(a)anthracene
Concen: 39.00 ng
RT: 21.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

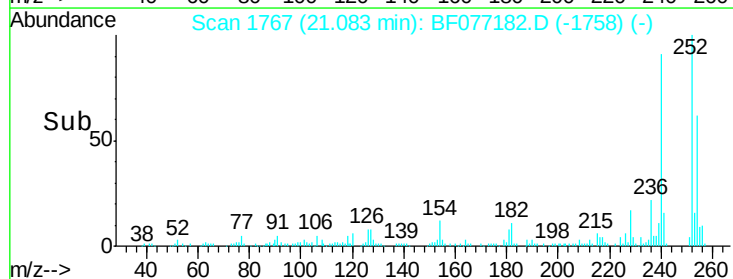
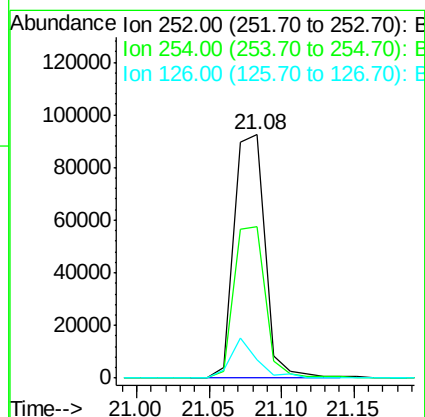
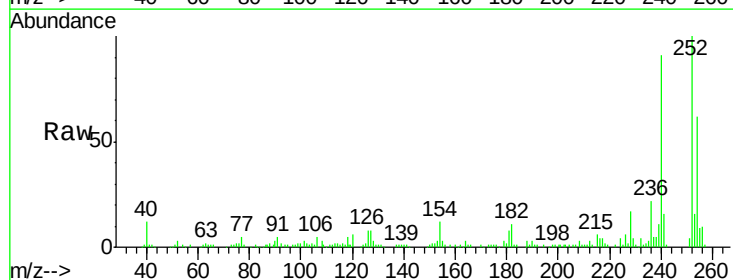
Instrument :
BNA_F
ClientSampleId :

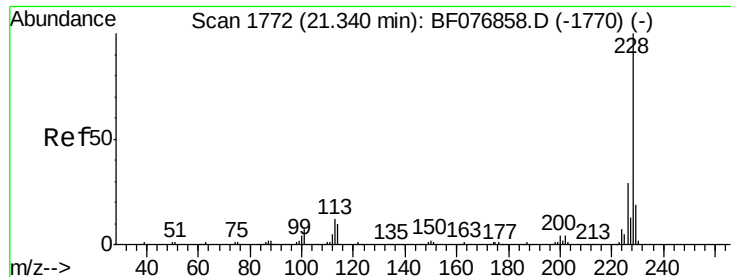
Tot Ion:228 Resp: 411711
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 20.7 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 40.97 ng
RT: 21.08 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:252 Resp: 137468
Ion Ratio Lower Upper
252 100
254 62.4 50.2 75.4
126 7.7 11.5 17.3#





#82

Chrysene

Concen: 38.49 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

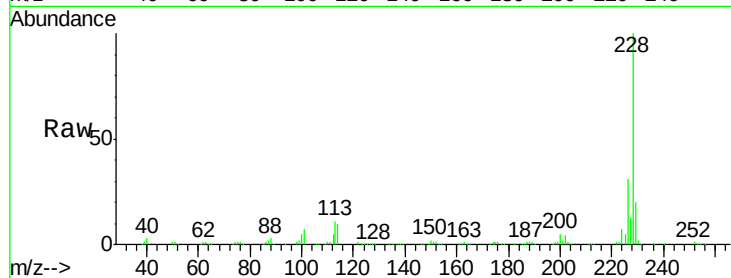
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 370530

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	19.8	15.4	23.0

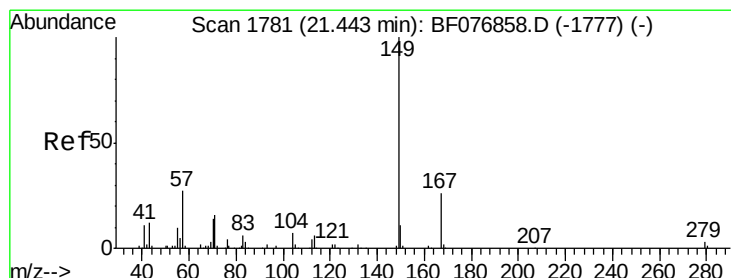
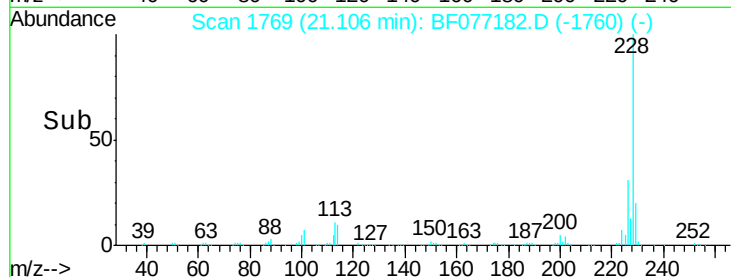
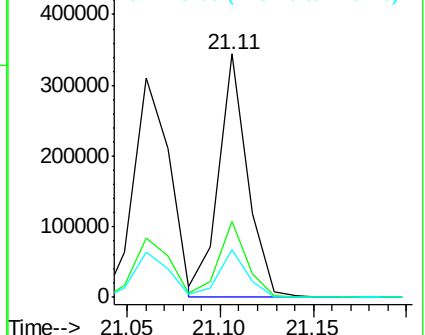


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.17 ng

RT: 21.22 min Scan# 1779

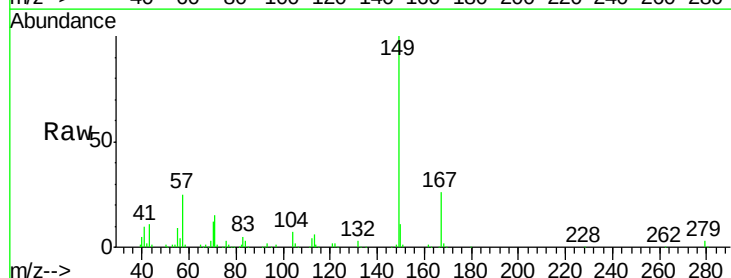
Delta R.T. 0.00 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Tgt Ion:149 Resp: 319188

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.6	30.8
279	2.8	2.2	3.2

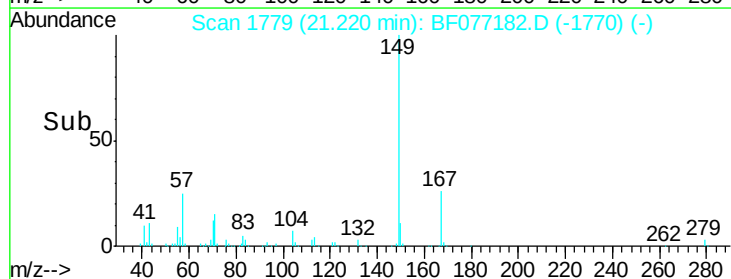
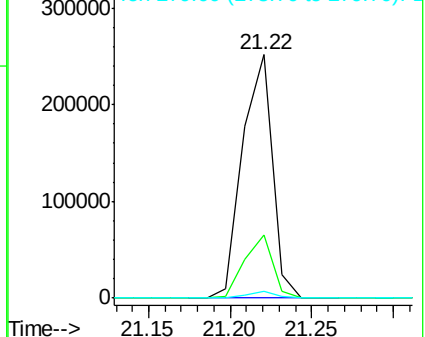


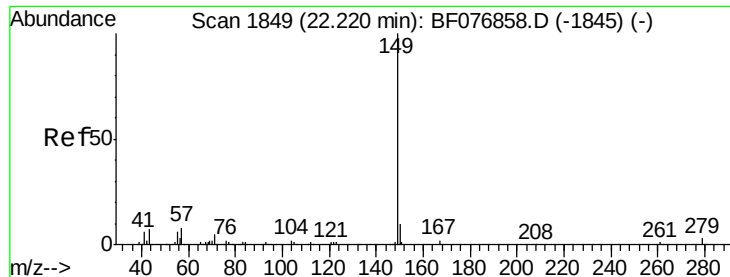
Abundance

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: 45.51 ng

RT: 21.97 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampled :

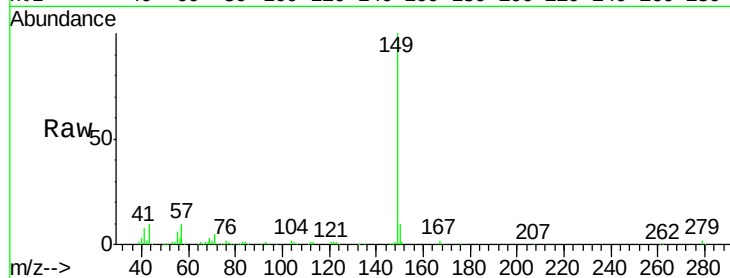
Tot Ion:149 Resp: 570802

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

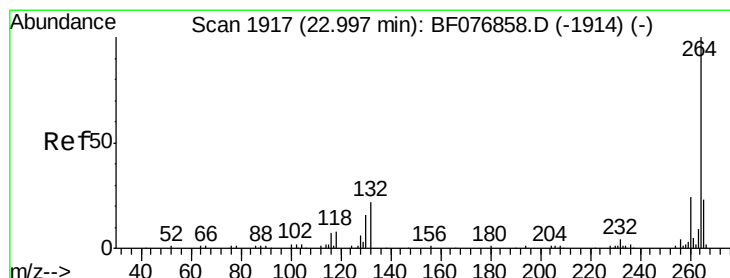
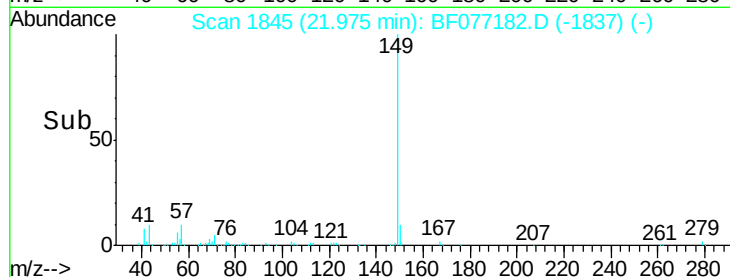
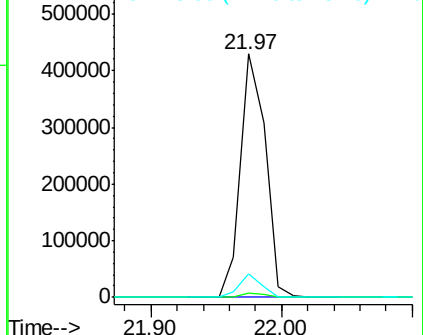
43 8.7 6.6 10.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.71 min Scan# 1909

Delta R.T. -0.03 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

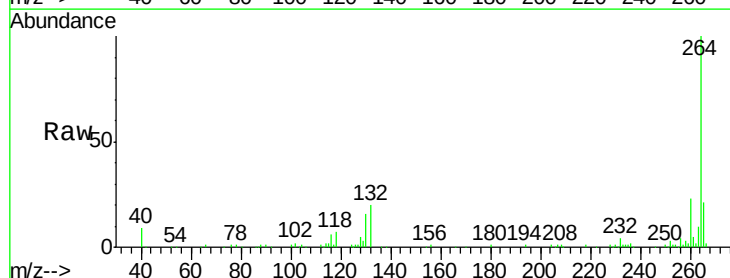
Tgt Ion:264 Resp: 154123

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

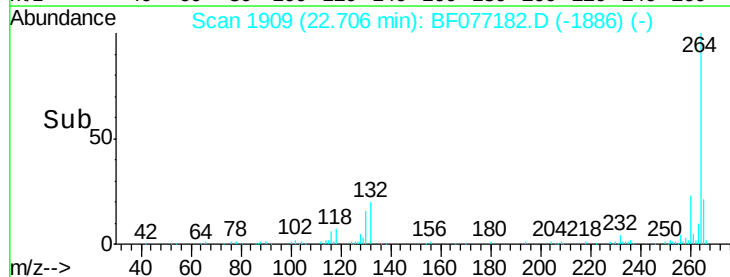
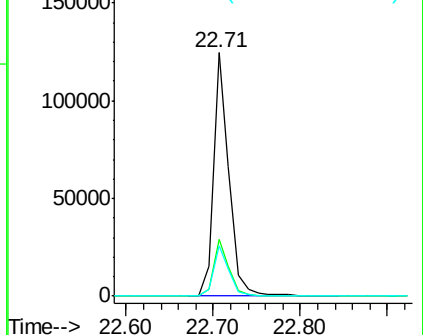
265 20.8 18.1 27.1

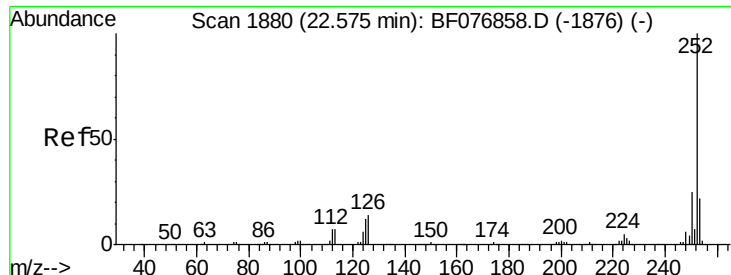


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

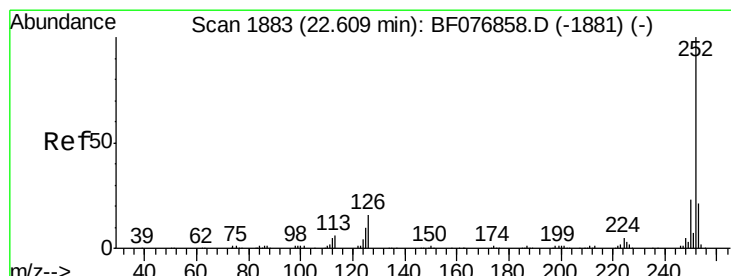
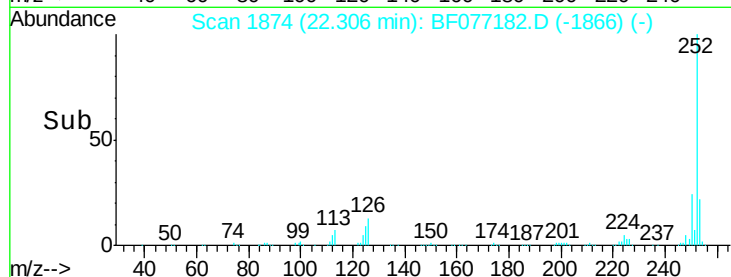
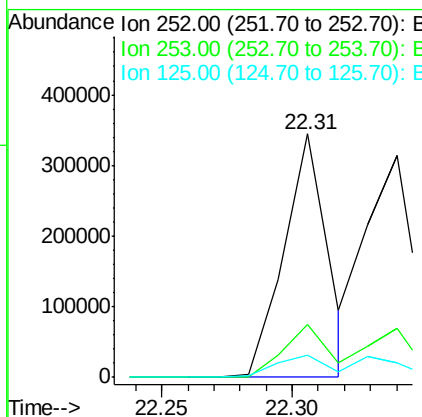
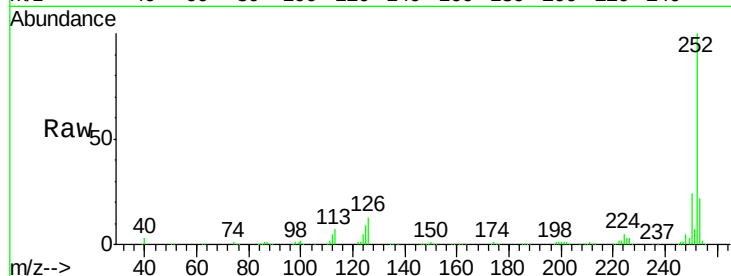




#87
Benzo(b)fluoranthene
Concen: 38.48 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

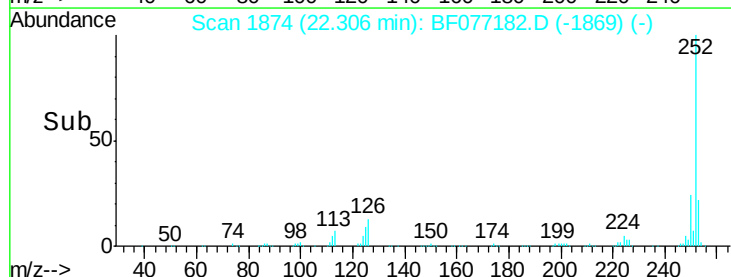
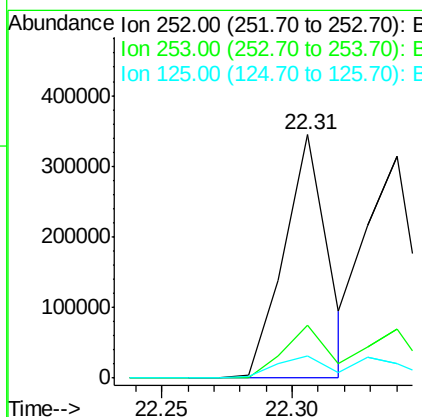
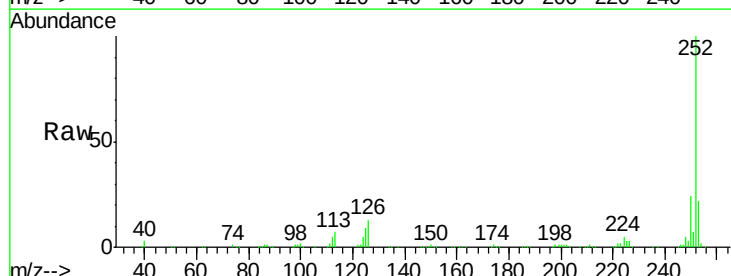
Instrument :
BNA_F
ClientSampled :

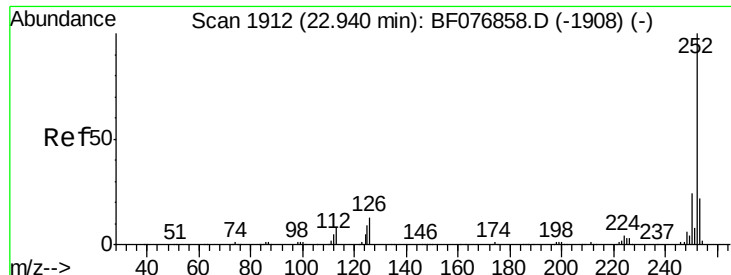
Tot Ion:252 Resp: 399446
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.3 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 44.04 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.05 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:252 Resp: 399446
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.3 7.1 10.7

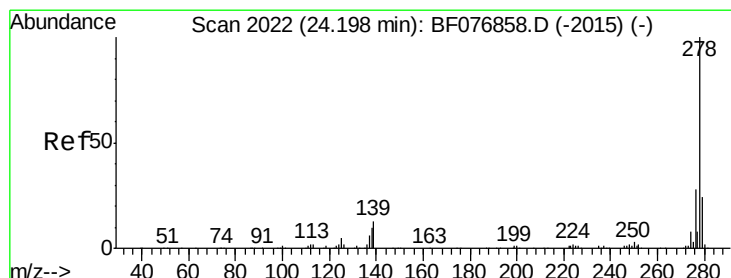
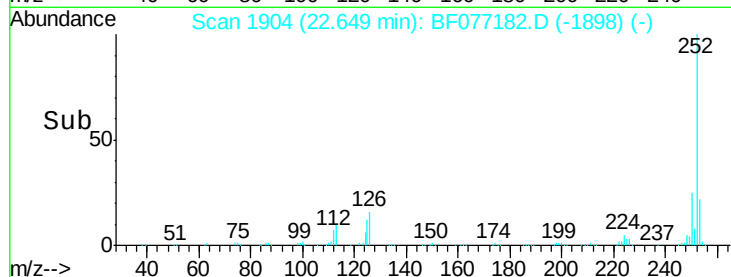
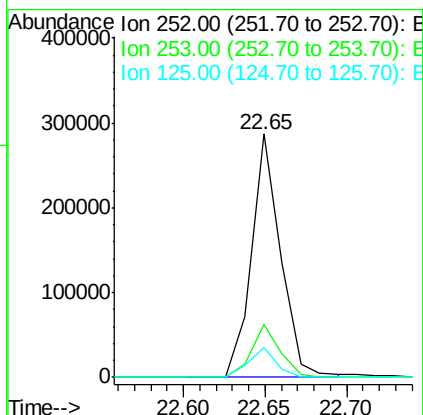
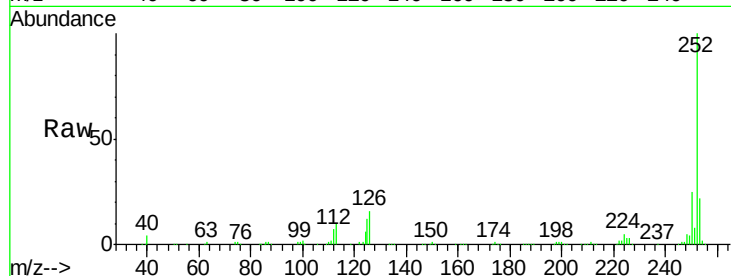




#89
Benzo(a)pyrene
Concen: 38.78 ng
RT: 22.65 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

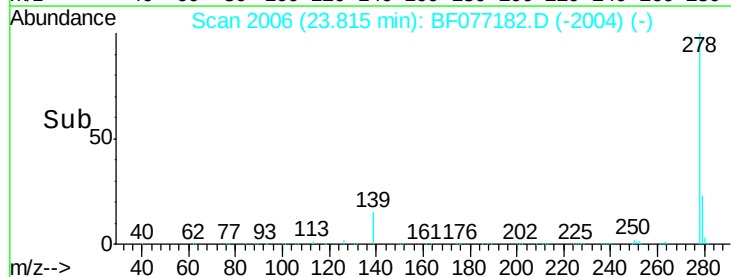
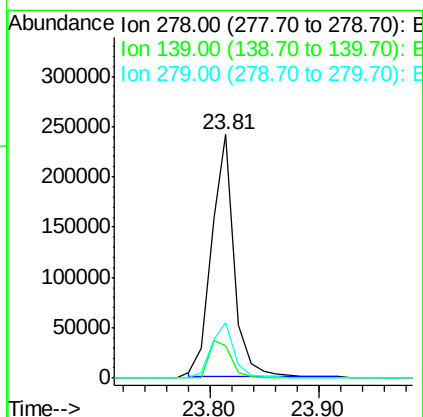
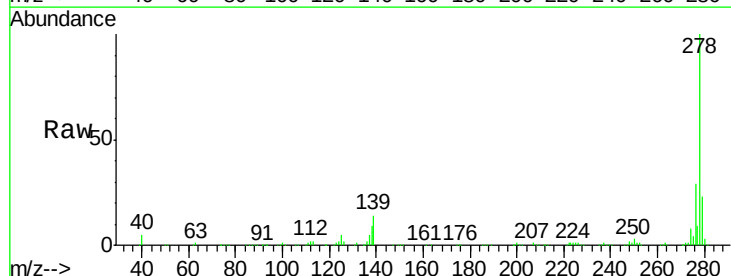
Instrument :
BNA_F
ClientSampleId :

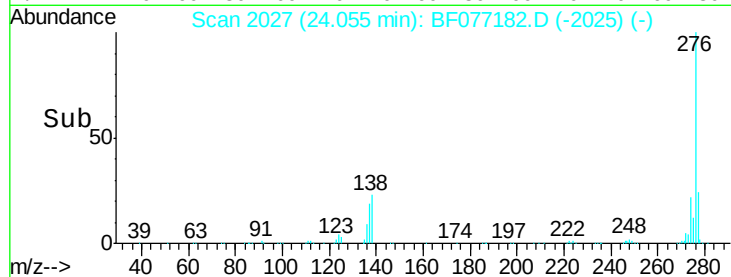
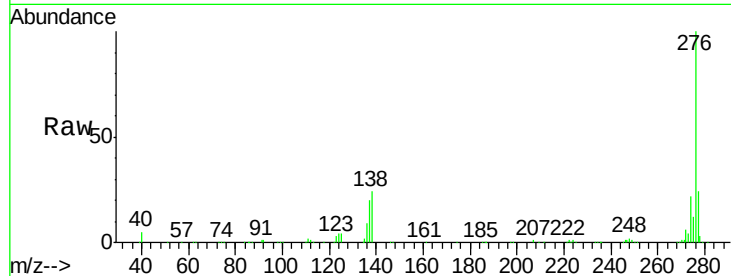
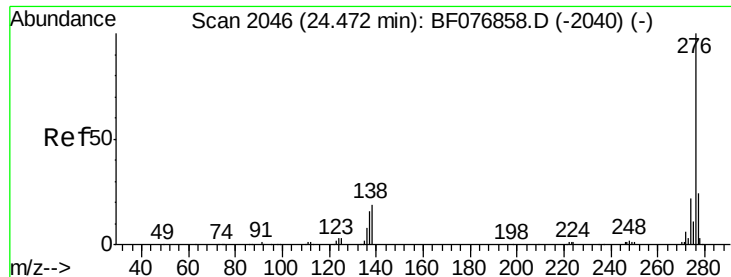
Tot Ion:252 Resp: 355060
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.3 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 41.18 ng
RT: 23.81 min Scan# 2006
Delta R.T. -0.08 min
Lab File: BF077182.D
Acq: 4 Feb 2015 17:25

Tgt Ion:278 Resp: 345977
Ion Ratio Lower Upper
278 100
139 13.5 10.5 15.7
279 22.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.15 ng

RT: 24.05 min Scan# 2027

Delta R.T. -0.08 min

Lab File: BF077182.D

Acq: 4 Feb 2015 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 352080

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 23.8 15.0 22.6

