

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077144.D
 Acq On : 30 Jan 2015 6:03
 Operator : TP/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 07:39:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 05:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	30813	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	132485	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	69408	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	120268	20.00	ng	0.00
75) Chrysene-d12	21.08	240	121868	20.00	ng	0.00
86) Perylene-d12	22.72	264	115055	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.70	112	149739	79.90	ng	-0.01
7) Phenol-d6	7.10	99	191140	80.85	ng	0.00
23) Nitrobenzene-d5	9.00	82	197831	82.73	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	46388	82.34	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	377408	82.75	ng	0.00
78) Terphenyl-d14	19.81	244	426685	80.60	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	1.52	79	87962	42.36	ng	92
4) n-Nitrosodimethylamine	1.50	42	39272	38.18	ng	99
6) Aniline	6.97	93	133097	40.68	ng	95
8) 2-Chlorophenol	7.21	128	88909	41.15	ng	95
9) Benzaldehyde	6.69	77	50170	36.61	ng	98
10) Phenol	7.12	94	97686	38.91	ng	92
11) bis(2-Chloroethyl)ether	7.24	93	82889	42.20	ng	# 76
12) 1,3-Dichlorobenzene	7.52	146	100233	40.78	ng	100
13) 1,4-Dichlorobenzene	7.73	146	102782	39.43	ng	99
14) 1,2-Dichlorobenzene	8.04	146	98867	41.17	ng	99
15) Benzyl Alcohol	8.13	79	79776	41.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	101785	38.55	ng	98
17) 2-Methylphenol	8.48	107	72578	41.11	ng	94
18) Hexachloroethane	8.78	117	37986	41.90	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	66821	40.38	ng	95
20) 3+4-Methylphenols	8.87	107	90574	38.74	ng	96
22) Acetophenone	8.69	105	128311	39.54	ng	99
24) Nitrobenzene	9.03	77	98322	40.36	ng	96
25) Isophorone	9.64	82	172398	39.58	ng	97
26) 2-Nitrophenol	9.77	139	46736	37.85	ng	# 88
27) 2,4-Dimethylphenol	10.06	122	74966	39.79	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	99329	40.13	ng	# 96
29) 2,4-Dichlorophenol	10.38	162	68407	38.96	ng	95
30) 1,2,4-Trichlorobenzene	10.50	180	79099	40.56	ng	91
31) Naphthalene	10.64	128	271416	39.79	ng	99
32) Benzoic acid	10.47	122	24733	23.70	ng	93
33) 4-Chloroaniline	10.89	127	107581	39.03	ng	98
34) Hexachlorobutadiene	11.01	225	46967	40.59	ng	98
35) Caprolactam	11.77	113	19190	37.12	ng	95
36) 4-Chloro-3-methylphenol	12.21	107	80354	39.97	ng	95
37) 2-Methylnaphthalene	12.30	142	186905	40.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	71002	41.38	ng	97
40) Hexachlorocyclopentadiene	12.69	237	30222	35.42	ng	95
42) 2,4,6-Trichlorophenol	13.05	196	51653	41.31	ng	95

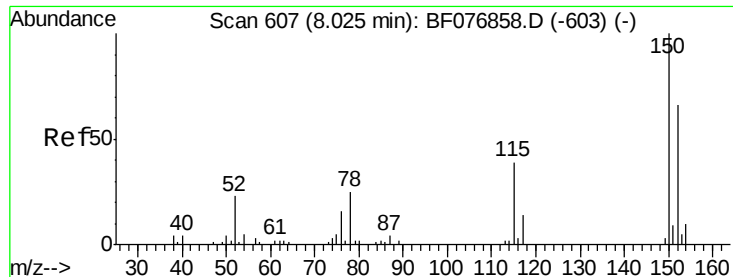
Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077144.D
 Acq On : 30 Jan 2015 6:03
 Operator : TP/IZ
 Sample : SSTDC0040
 Misc :
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Quant Time: Jan 30 07:39:15 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 05:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.15	196	49673	38.95	nq	96
45) 1,1'-Biphenyl	13.45	154	215772	41.93	nq	98
46) 2-Chloronaphthalene	13.42	162	177919	42.02	nq	98
47) 2-Nitroaniline	13.77	65	56715	44.15	nq	92
48) Acenaphthylene	14.37	152	300709	42.10	nq	99
49) Dimethylphthalate	14.33	163	204779	41.60	nq	100
50) 2,6-Dinitrotoluene	14.43	165	42338	43.05	nq	96
51) Acenaphthene	14.79	154	164028	40.48	nq	93
52) 3-Nitroaniline	14.77	138	49747	39.09	nq	88
53) 2,4-Dinitrophenol	15.05	184	13142	36.05	nq	# 88
54) Dibenzofuran	15.21	168	245164	41.53	nq	99
55) 4-Nitrophenol	15.39	139	23818	30.87	nq	97
56) 2,4-Dinitrotoluene	15.36	165	57764	39.57	nq	93
57) Fluorene	15.98	166	206960	41.38	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.58	232	37369	40.25	nq	# 97
59) Diethylphthalate	15.98	149	211625	42.54	nq	98
60) 4-Chlorophenyl-phenylether	16.07	204	85647	41.86	nq	93
61) 4-Nitroaniline	16.13	138	49527	40.19	nq	88
62) Azobenzene	16.37	77	218359	42.13	nq	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	29415	38.74	nq	91
65) n-Nitrosodiphenylamine	16.32	169	169428	39.51	nq	99
66) 4-Bromophenyl-phenylether	16.94	248	49816	40.89	nq	89
67) Hexachlorobenzene	16.95	284	53070	41.33	nq	99
68) Atrazine	17.33	200	51279	39.41	nq	98
69) Pentachlorophenol	17.33	266	22895	42.43	nq	95
70) Phenanthrene	17.60	178	295314	39.37	nq	98
71) Anthracene	17.68	178	302524	41.36	nq	99
72) Carbazole	17.97	167	291659	41.12	nq	98
73) Di-n-butylphthalate	18.57	149	336300	40.96	nq	98
74) Fluoranthene	19.26	202	327718	42.64	nq	96
76) Benzidine	19.50	184	149542	38.35	nq	99
77) Pyrene	19.53	202	335062	40.12	nq	100
79) Butylbenzylphthalate	20.48	149	158745	41.97	nq	96
80) Benzo(a)anthracene	21.07	228	313513	41.00	nq	99
81) 3,3'-Dichlorobenzidine	21.08	252	101375	41.72	nq	97
82) Chrysene	21.11	228	277757	39.83	nq	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	218183	41.69	nq	99
84) Di-n-octyl phthalate	21.98	149	381198	41.97	nq	99
87) Benzo(b)fluoranthene	22.31	252	296746	38.29	nq	# 98
88) Benzo(k)fluoranthene	22.31	252	296832	43.84	nq	99
89) Benzo(a)pyrene	22.67	252	282932	41.39	nq	# 97
90) Dibenzo(a,h)anthracene	23.84	278	247064	39.39	nq	# 94
91) Benzo(g,h,i)perylene	24.09	276	259200	41.57	nq	98

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

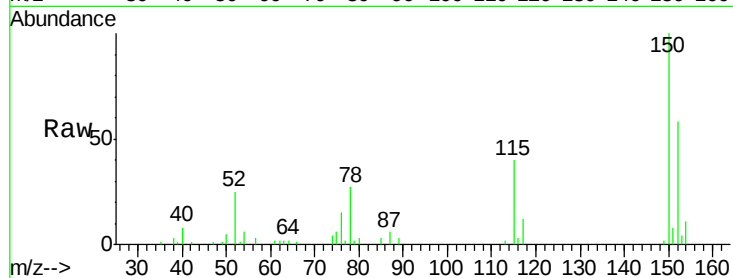


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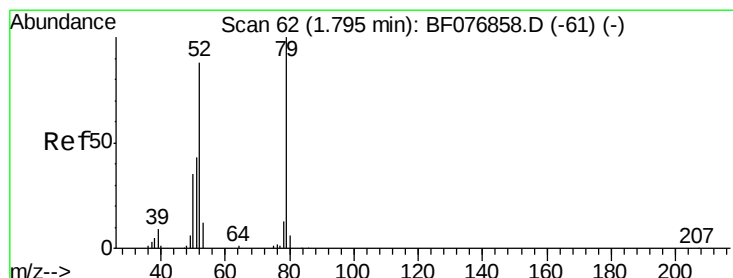
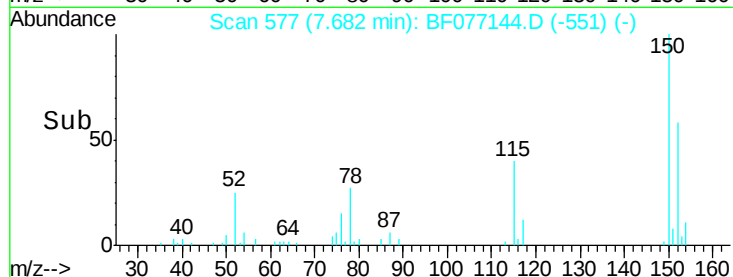
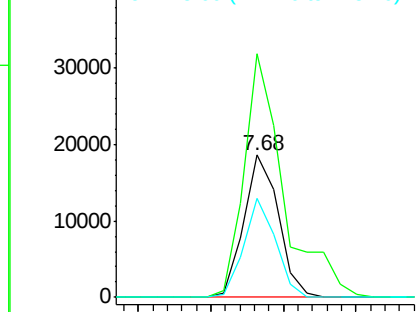
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30813
Ion Ratio Lower Upper
152 100
150 171.2 121.7 182.5
115 69.3 47.0 70.6



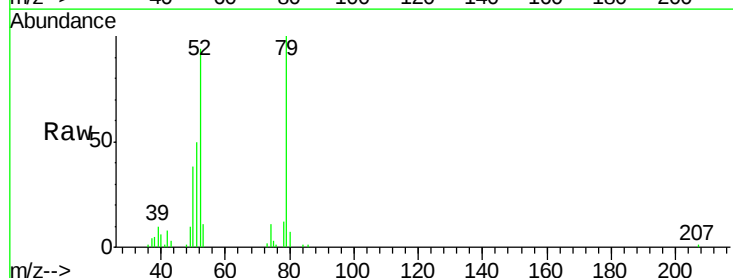
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



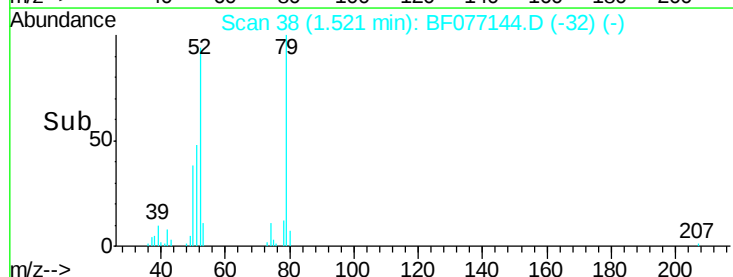
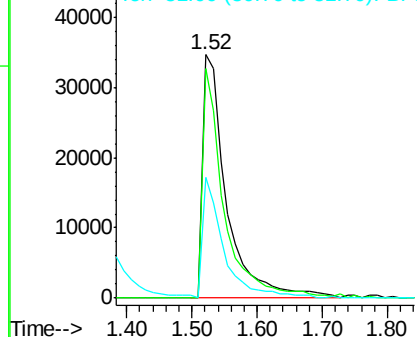
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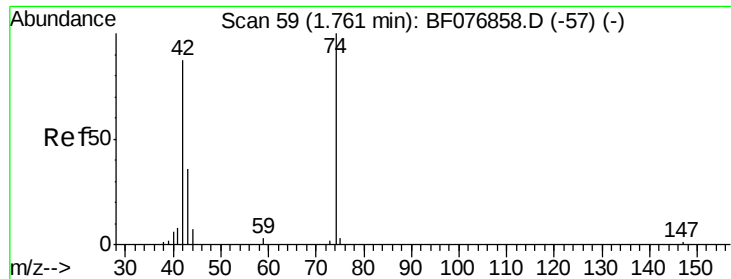
Pyridine
Concen: 42.36 ng
RT: 1.52 min Scan# 38
Delta R.T. -0.03 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion: 79 Resp: 87962
Ion Ratio Lower Upper
79 100
52 94.2 70.1 105.1
51 49.6 35.1 52.7



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



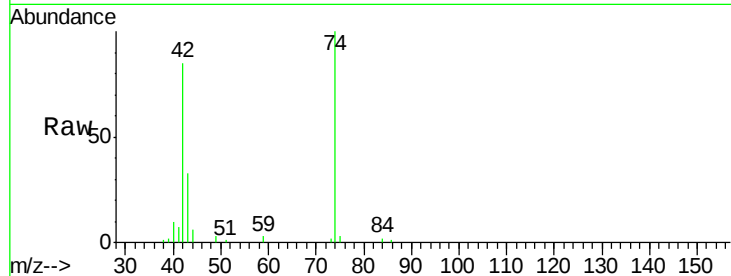


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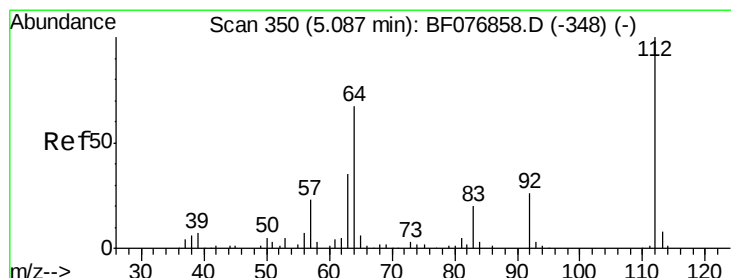
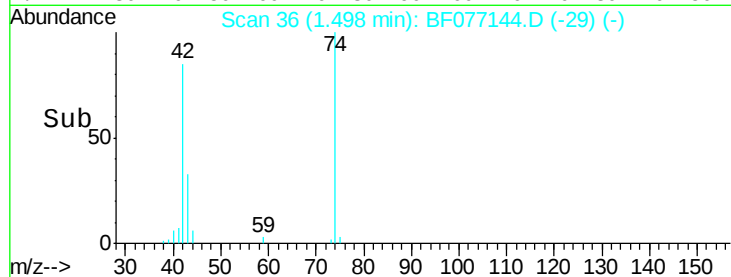
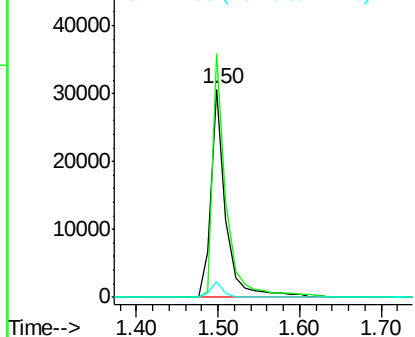
n-Nitrosodimethylamine
 Concen: 38.18 ng
 RT: 1.50 min Scan# 36
 Delta R.T. -0.02 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 42 Resp: 39272
 Ion Ratio Lower Upper
 42 100
 74 117.1 92.4 138.6
 44 7.3 6.2 9.2



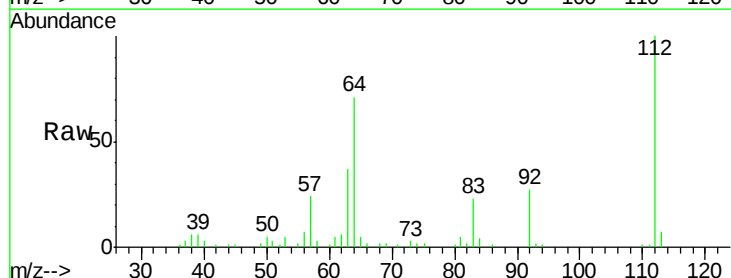
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



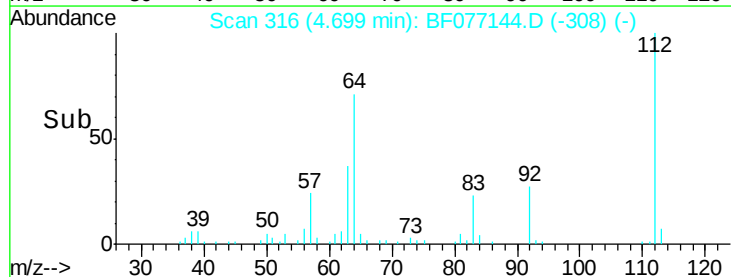
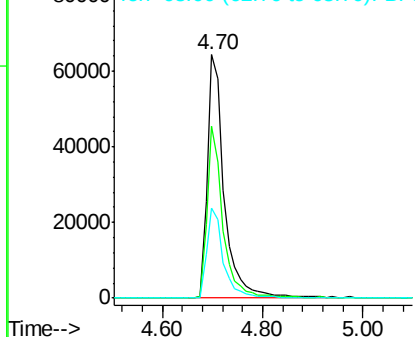
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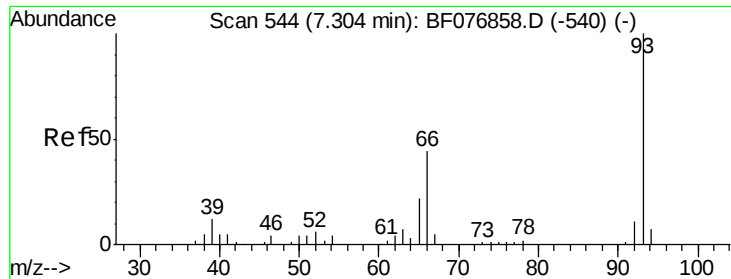
2-Fluorophenol
 Concen: 79.90 ng
 RT: 4.70 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion: 112 Resp: 149739
 Ion Ratio Lower Upper
 112 100
 64 70.6 54.2 81.4
 63 37.0 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: 40.68 ng

RT: 6.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

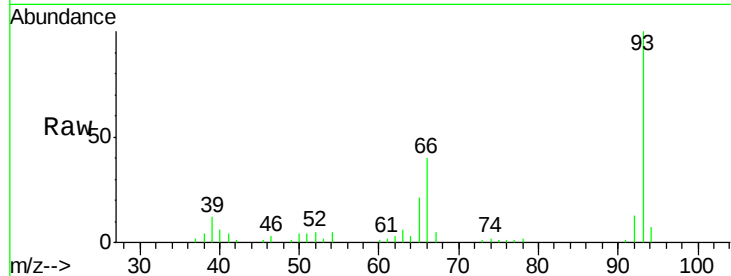
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 133097

Ion	Ratio	Lower	Upper
93	100		
66	39.9	35.0	52.4
65	20.9	17.7	26.5

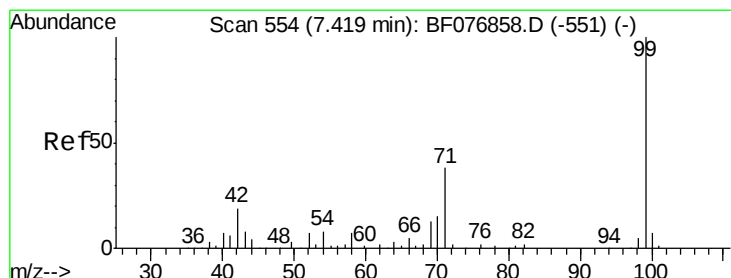
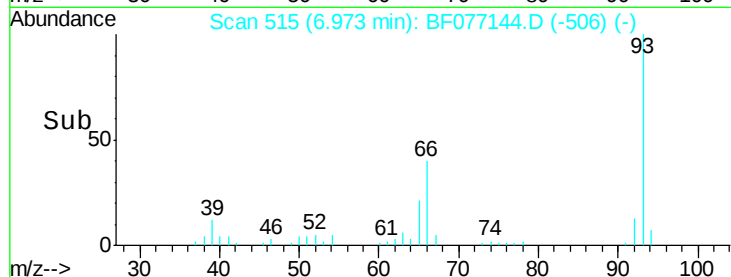
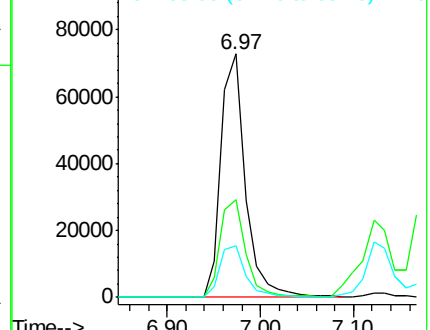


Abundance

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: 80.85 ng

RT: 7.10 min Scan# 526

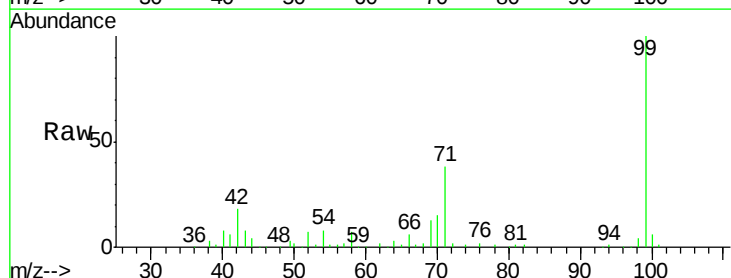
Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Tgt Ion: 99 Resp: 191140

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	38.0	30.5	45.7

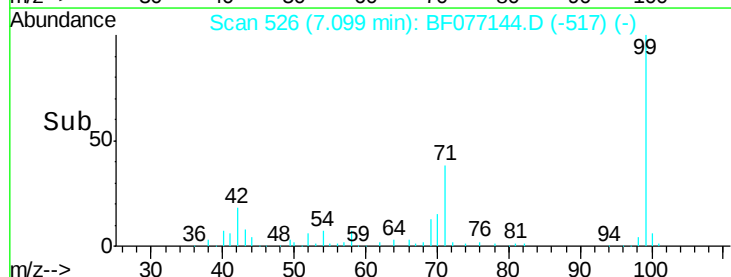
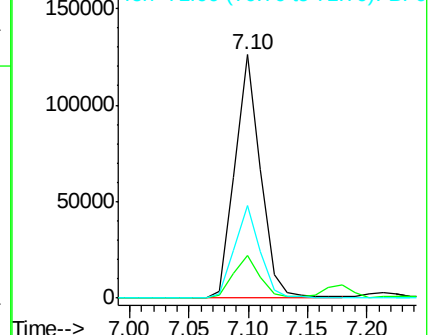


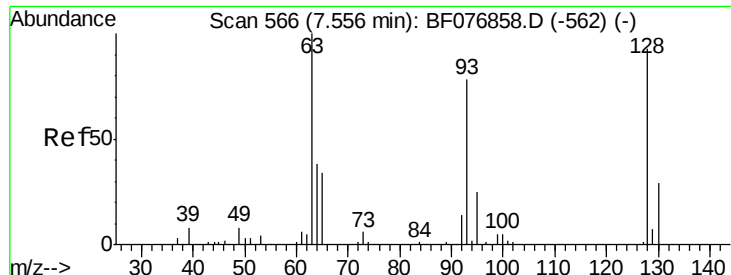
Abundance

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: 41.15 ng

RT: 7.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

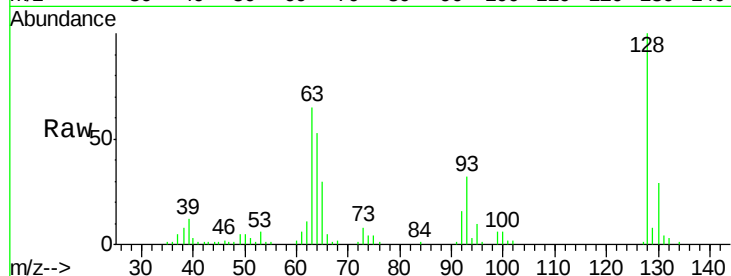
Tot Ion:128 Resp: 88909

Ion Ratio Lower Upper

128 100

130 29.2 11.0 51.0

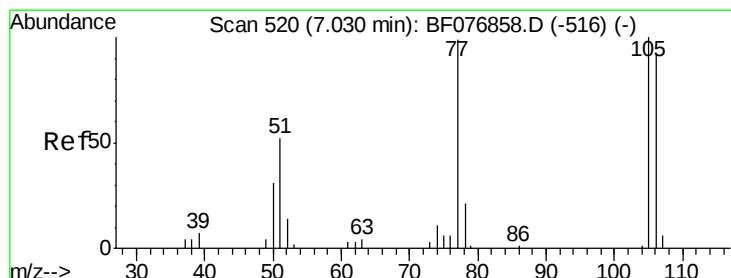
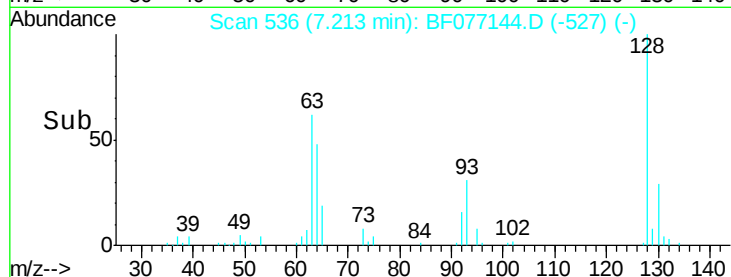
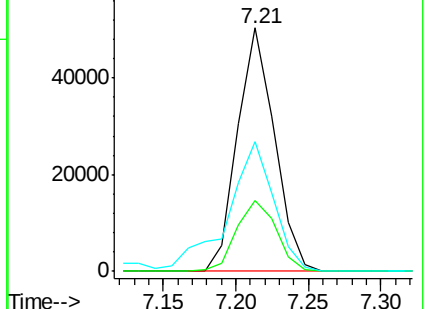
64 53.4 29.3 69.3



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): E



#9

Benzaldehyde

Concen: 36.61 ng

RT: 6.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

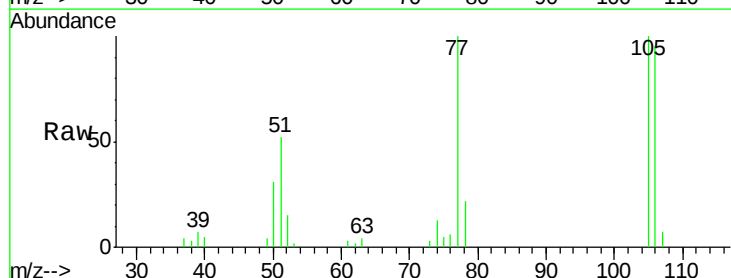
Tgt Ion: 77 Resp: 50170

Ion Ratio Lower Upper

77 100

105 100.2 81.4 121.4

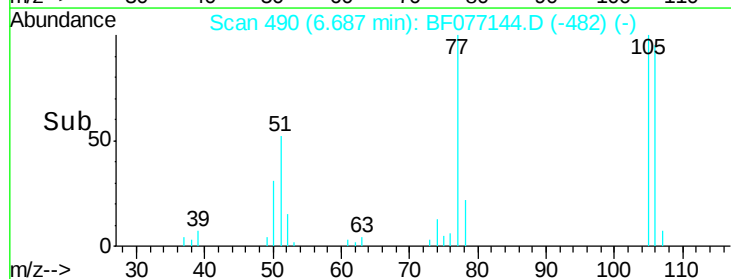
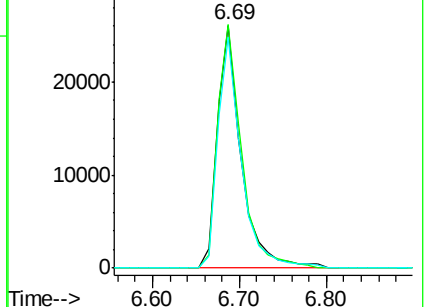
106 94.9 72.8 112.8

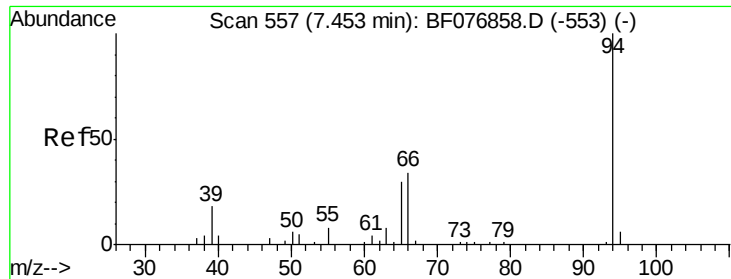


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 38.91 ng

RT: 7.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

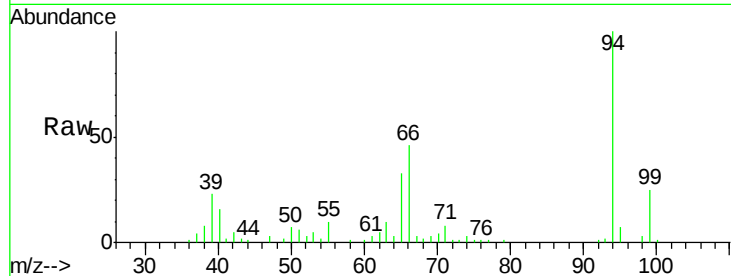
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 97686

Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.3	51.3
66	46.1	19.5	59.5

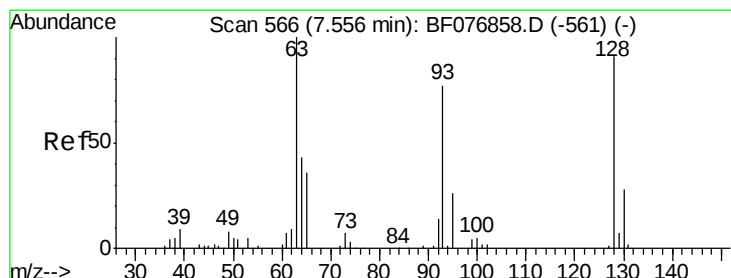
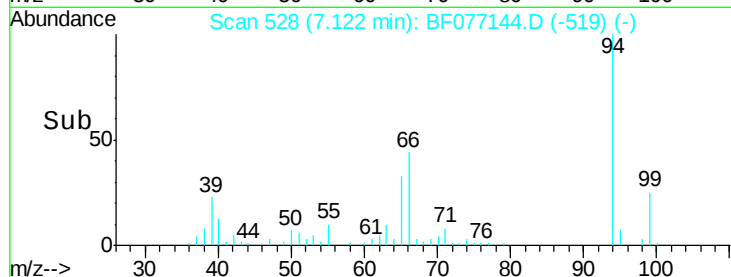
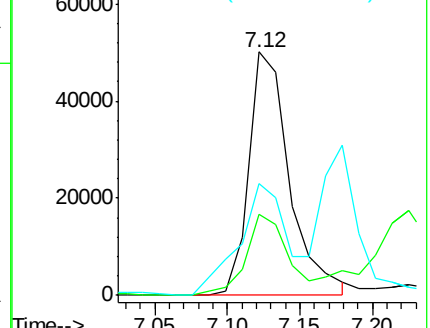


Abundance

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: 42.20 ng

RT: 7.24 min Scan# 538

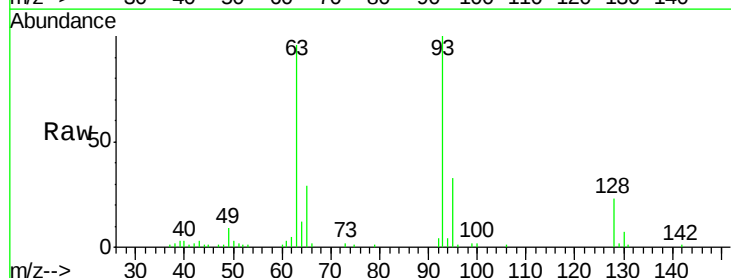
Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Tgt Ion: 93 Resp: 82889

Ion	Ratio	Lower	Upper
93	100		
63	96.4	111.3	151.3#
95	33.3	13.8	53.8

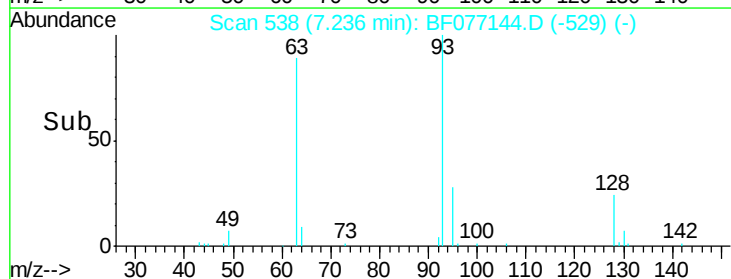
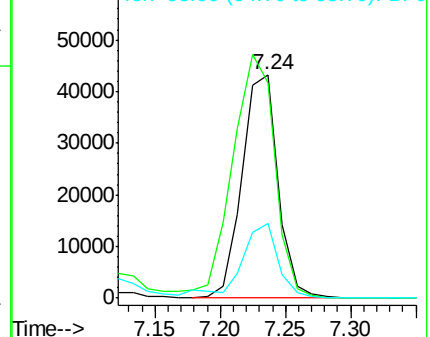


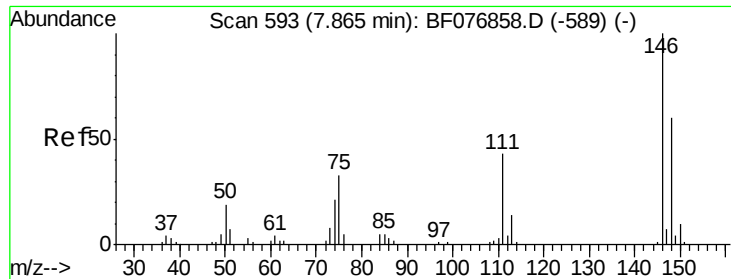
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

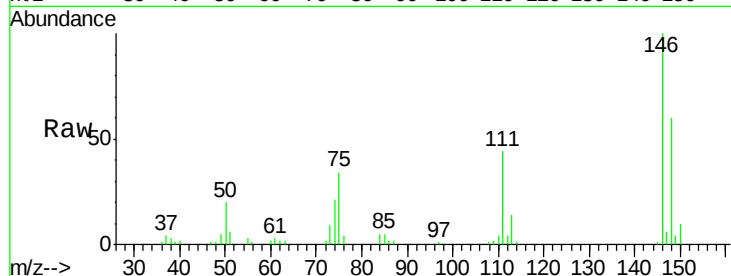




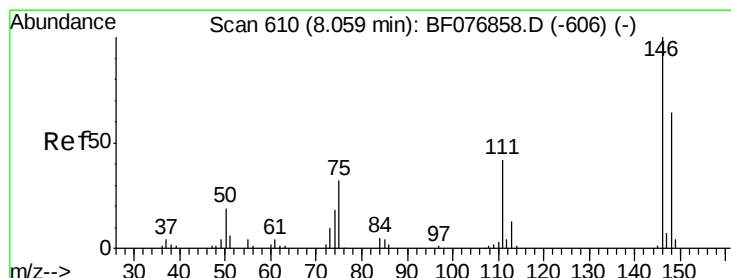
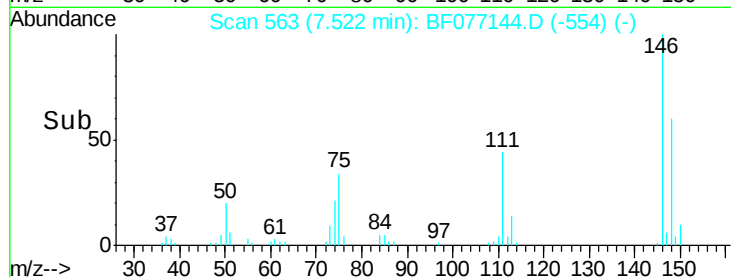
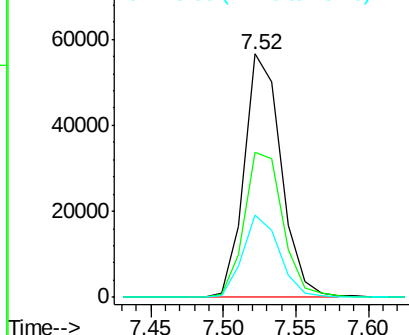
#12
 1,3-Dichlorobenzene
 Concen: 40.78 ng
 RT: 7.52 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.6	48.1	72.1
75	33.6	26.8	40.2

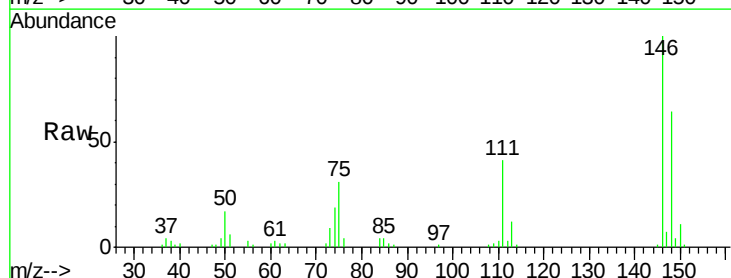


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

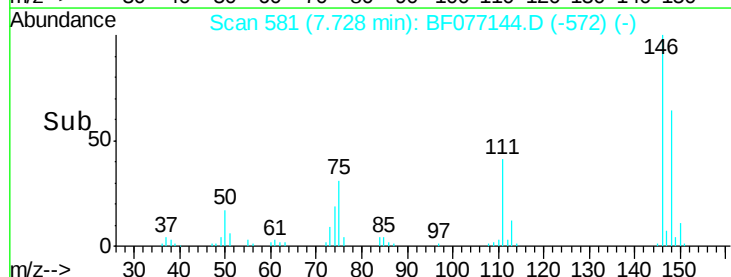
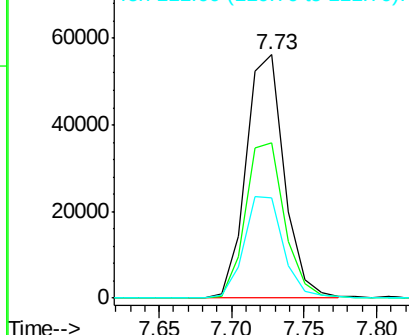


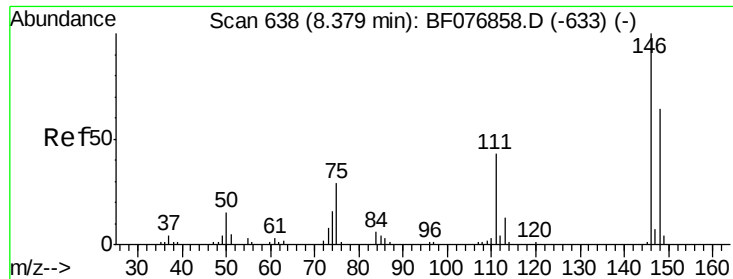
#13
 1,4-Dichlorobenzene
 Concen: 39.43 ng
 RT: 7.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	41.2	33.9	50.9



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

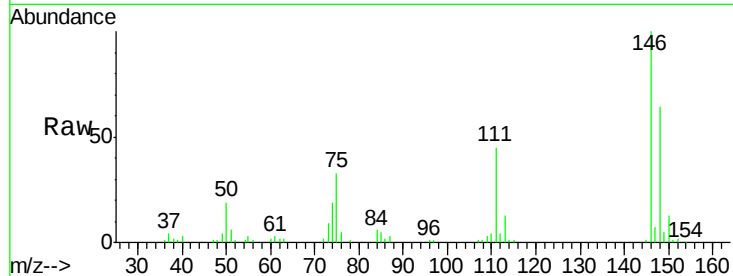




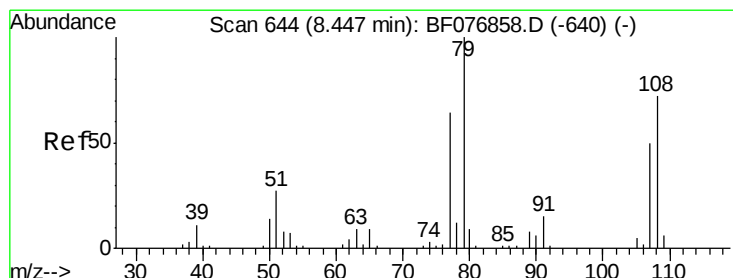
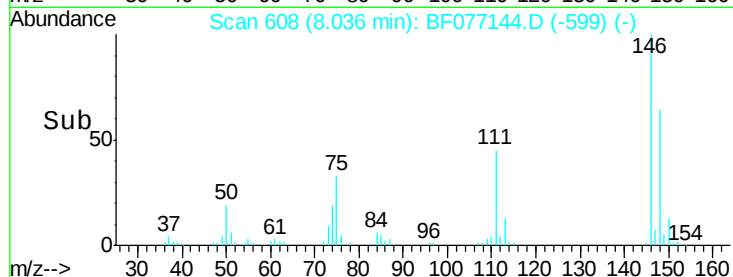
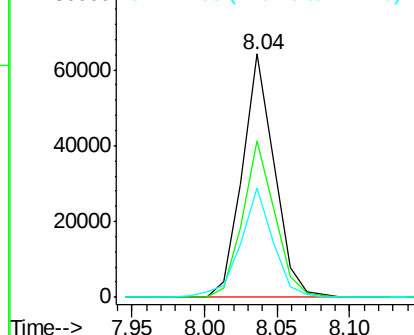
#14
1,2-Dichlorobenzene
Concen: 41.17 ng
RT: 8.04 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 98867
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 44.7 34.5 51.7

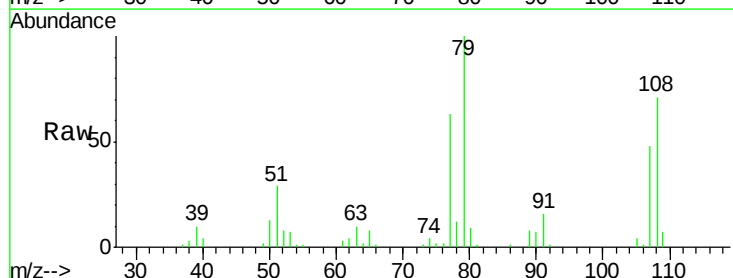


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

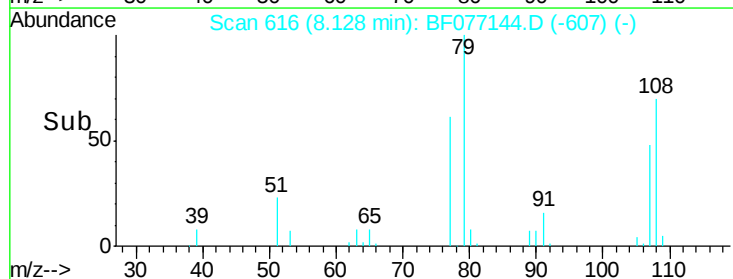
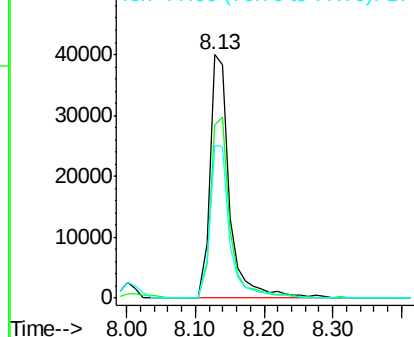


#15
Benzyl Alcohol
Concen: 41.70 ng
RT: 8.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion: 79 Resp: 79776
Ion Ratio Lower Upper
79 100
108 71.0 57.2 85.8
77 62.9 51.2 76.8



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

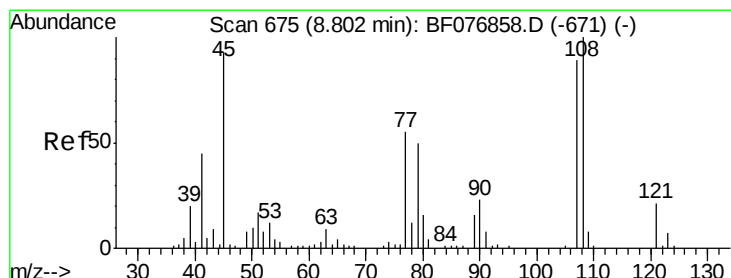
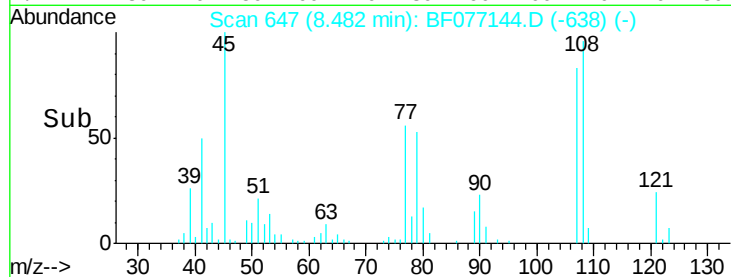
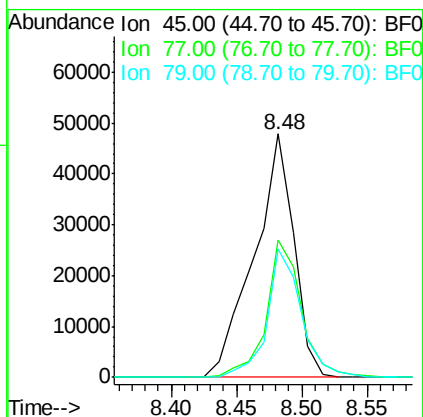
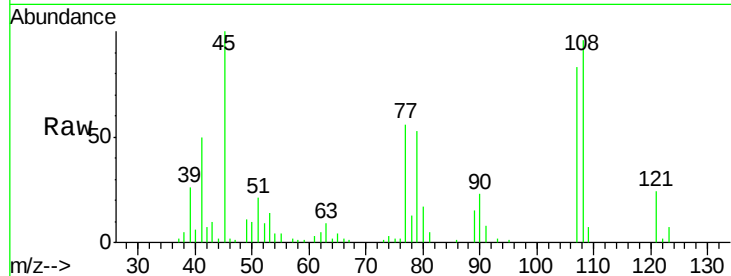




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 38.55 ng
 RT: 8.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

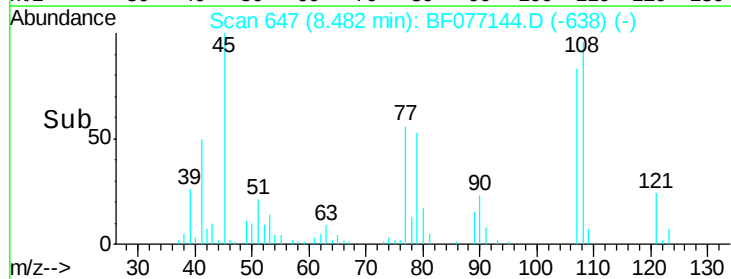
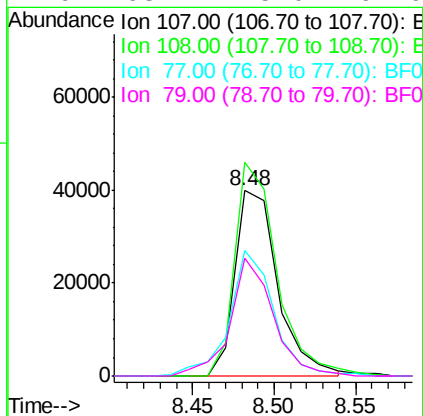
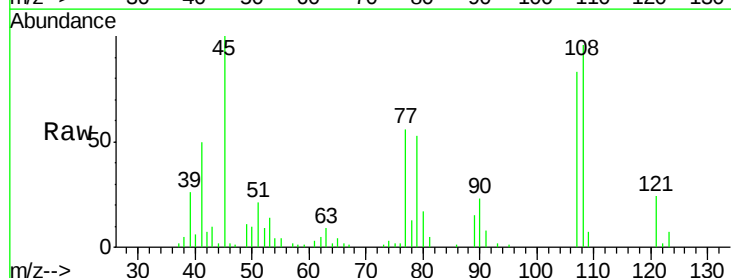
Instrument :
 BNA_F
 ClientSampleId :

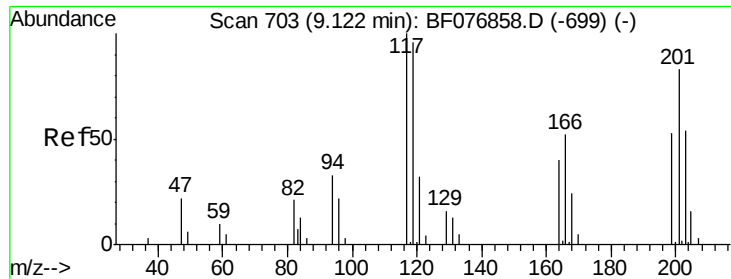
Tot Ion: 45 Resp: 101785
 Ion Ratio Lower Upper
 45 100
 77 56.5 36.1 76.1
 79 52.7 30.5 70.5



#17
 2-Methylphenol
 Concen: 41.11 ng
 RT: 8.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion: 107 Resp: 72578
 Ion Ratio Lower Upper
 107 100
 108 115.4 89.7 134.5
 77 67.8 50.1 75.1
 79 63.4 45.0 67.6

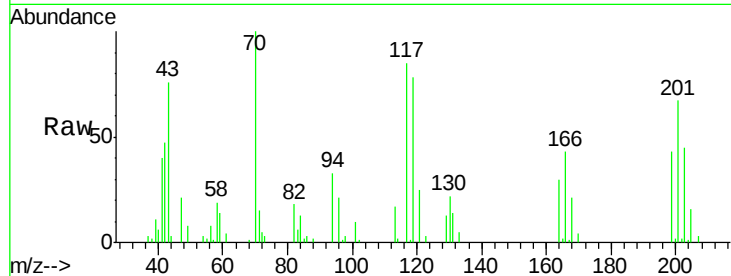




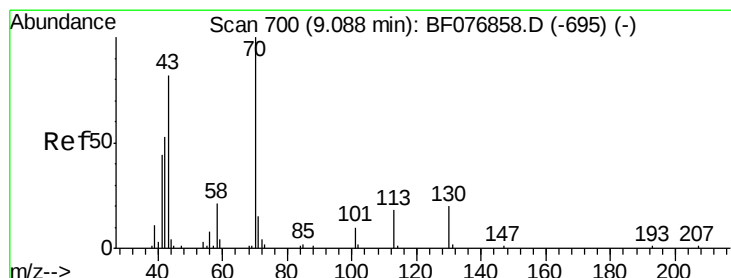
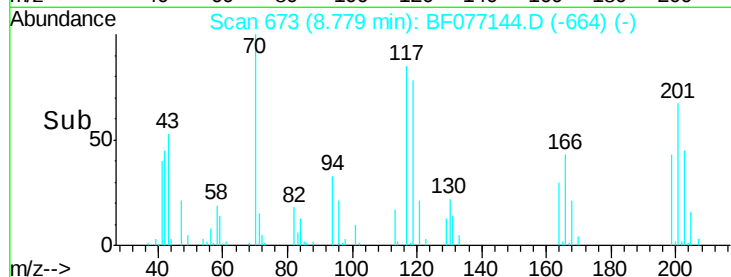
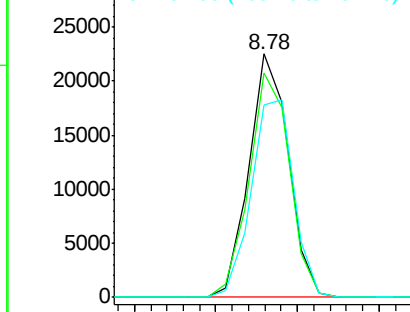
#18
Hexachloroethane
Concen: 41.90 ng
RT: 8.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 37986
Ion Ratio Lower Upper
117 100
119 92.1 77.1 115.7
201 79.2 66.8 100.2

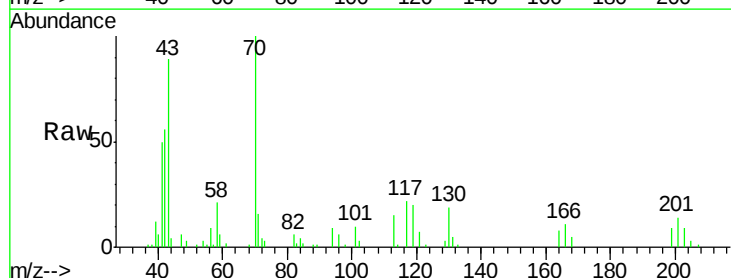


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

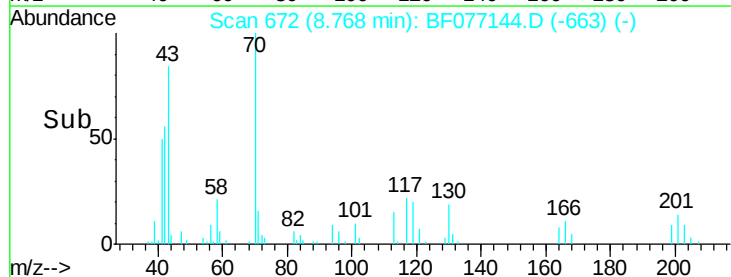
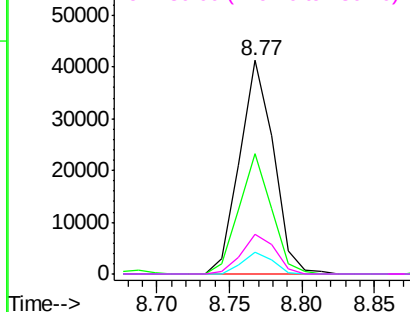


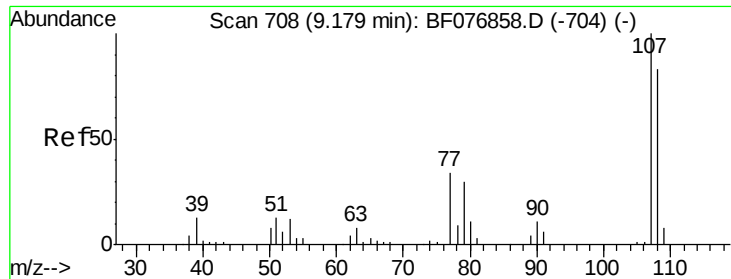
#19
n-Nitroso-di-n-propylamine
Concen: 40.38 ng
RT: 8.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion: 70 Resp: 66821
Ion Ratio Lower Upper
70 100
42 56.5 42.1 63.1
101 10.1 7.8 11.8
130 18.5 16.2 24.4



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

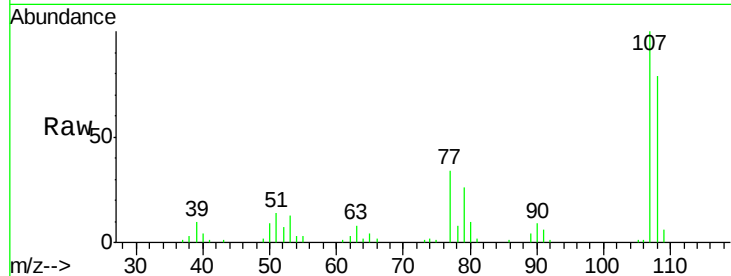




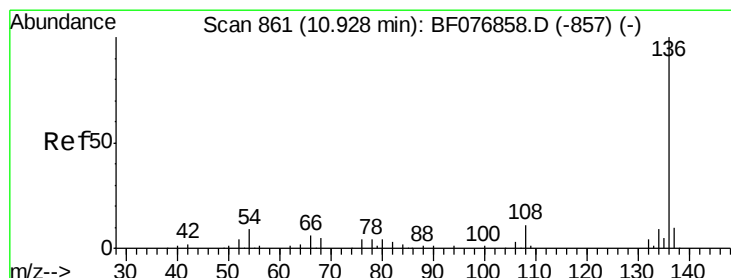
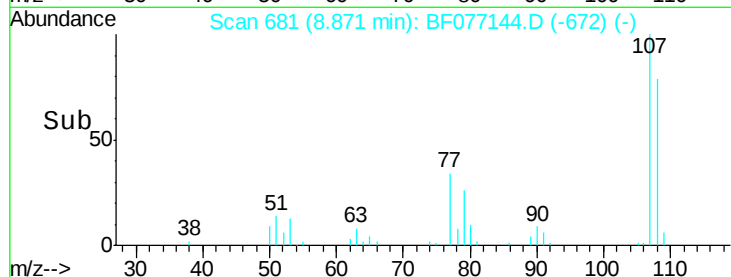
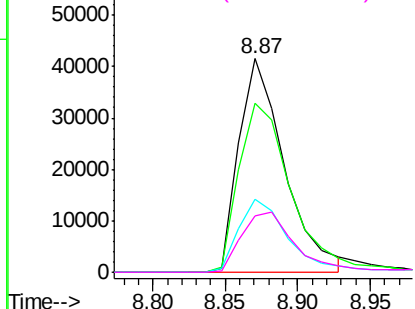
#20
3+4-Methylphenols
Concen: 38.74 ng
RT: 8.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107	Resp:	90574	
Ion Ratio	Lower	Upper	
107 100			
108 79.3	63.5	103.5	
77 34.3	14.0	54.0	
79 26.4	9.9	49.9	

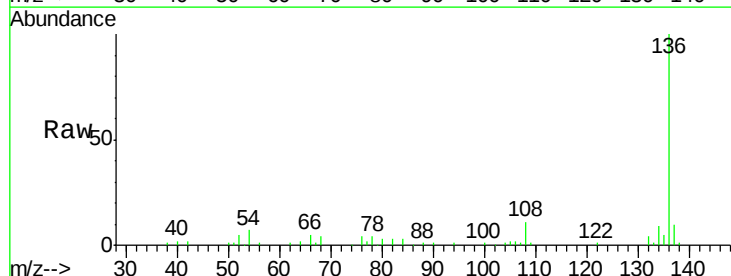


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

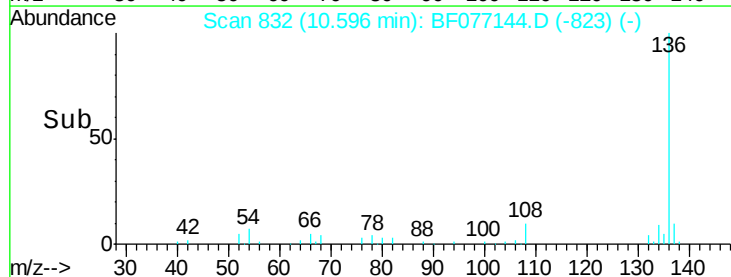
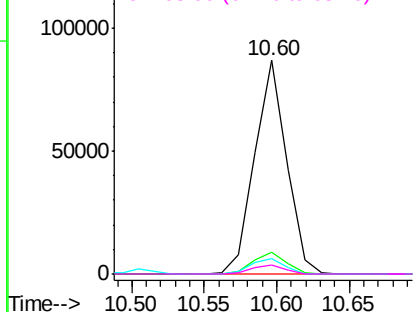


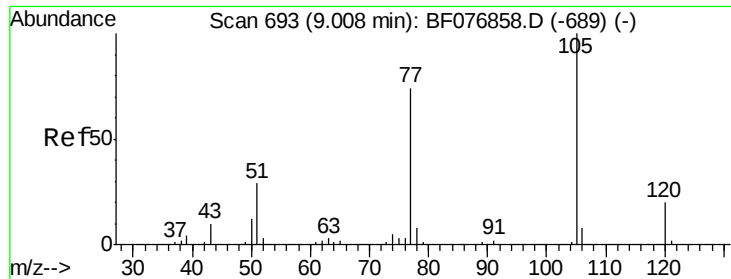
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion	136	Resp:	132485
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.1	12.1
54	7.5	7.0	10.4
68	4.0	3.7	5.5



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





#22

Acetophenone

Concen: 39.54 ng

RT: 8.69 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 128311

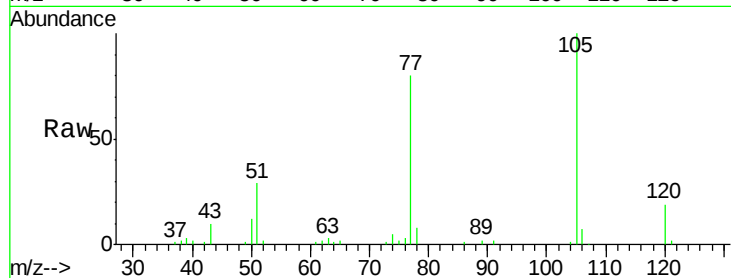
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 29.2 23.3 34.9

120 19.4 16.1 24.1

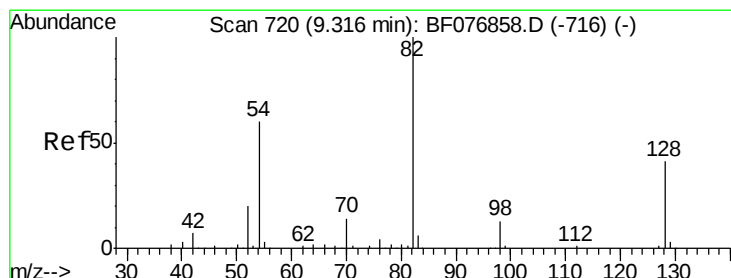
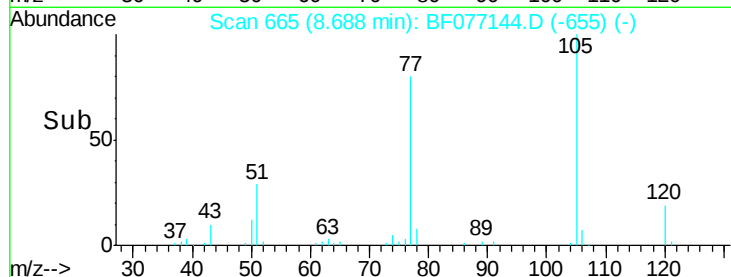
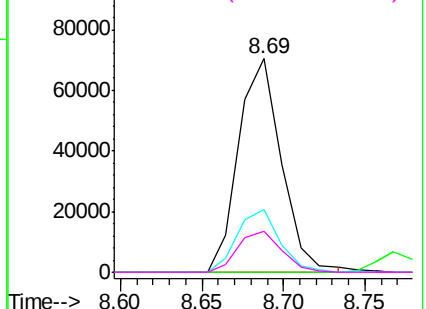


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 82.73 ng

RT: 9.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

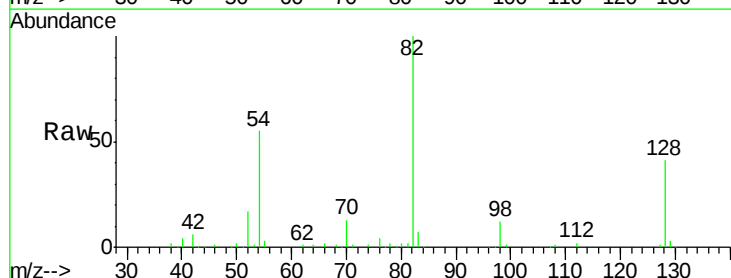
Tgt Ion: 82 Resp: 197831

Ion Ratio Lower Upper

82 100

128 40.8 33.1 49.7

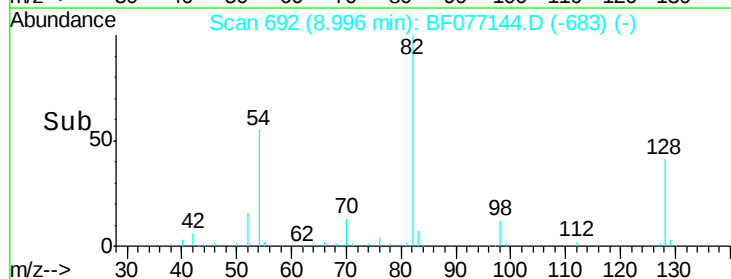
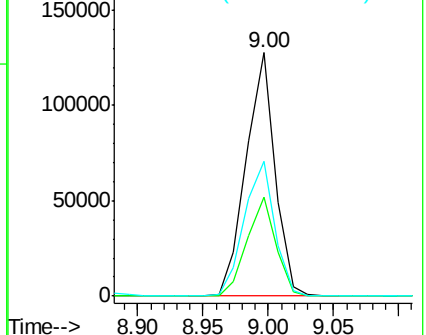
54 55.4 48.3 72.5

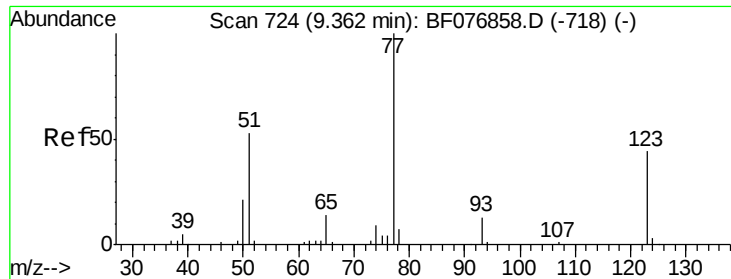


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

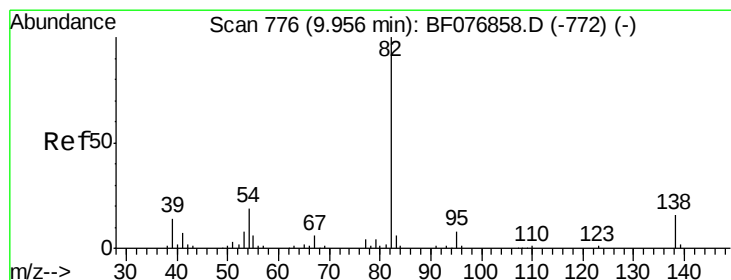
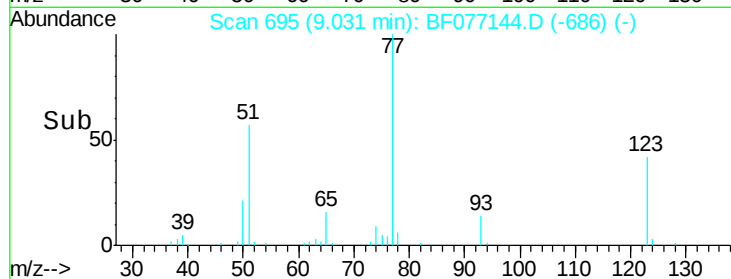
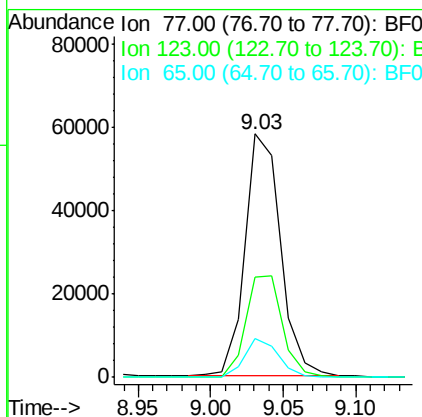
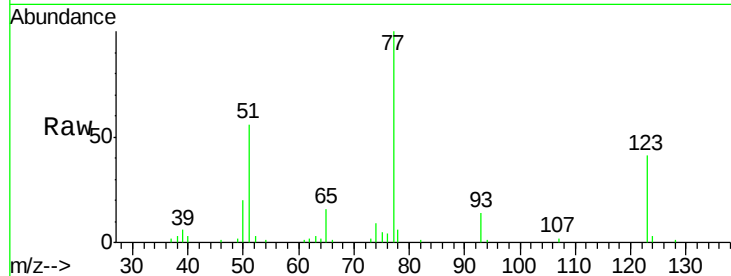




#24
 Nitrobenzene
 Concen: 40.36 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

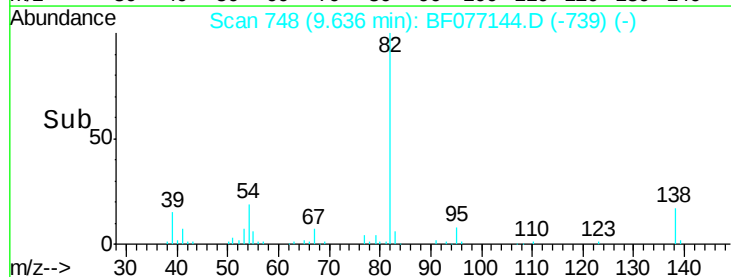
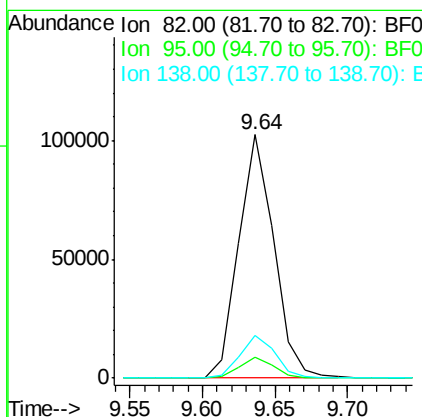
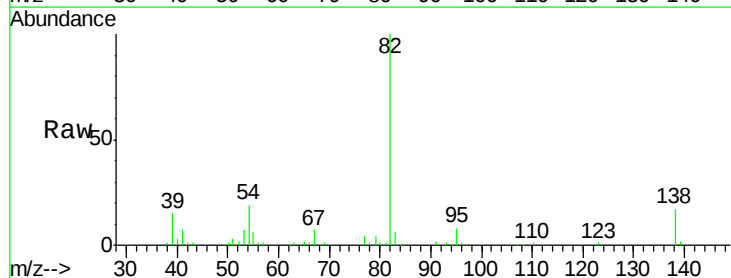
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	40.9	35.2	52.8
65	15.8	11.4	17.2



#25
 Isophorone
 Concen: 39.58 ng
 RT: 9.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.6	10.0
138	17.4	12.6	18.8

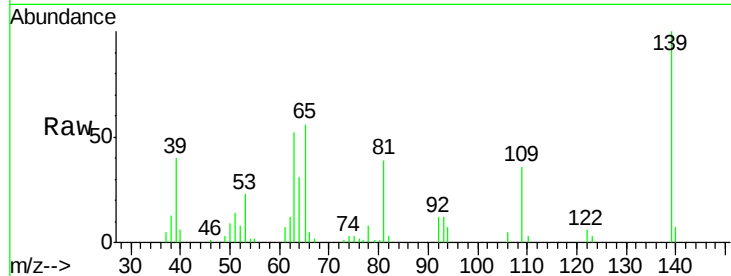




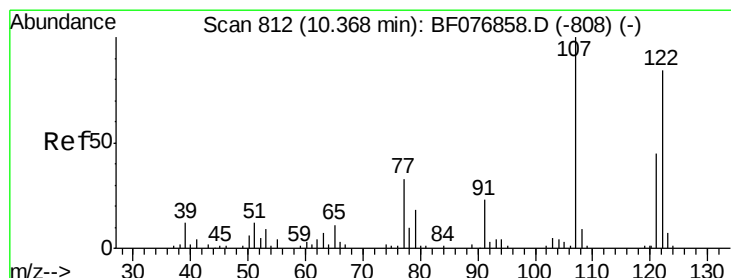
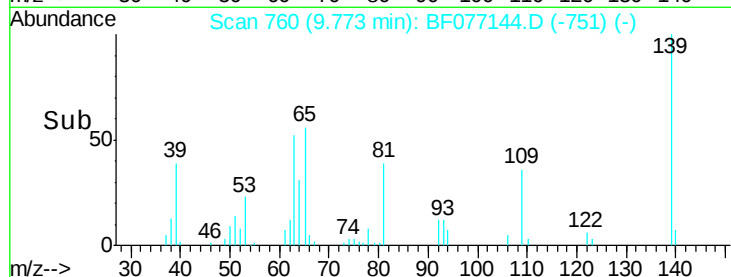
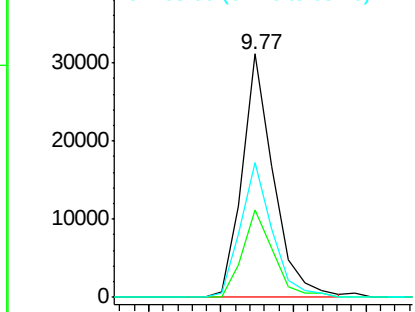
#26
2-Nitrophenol
Concen: 37.85 ng
RT: 9.77 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	36.1	21.3	31.9#
65	55.5	39.4	59.0

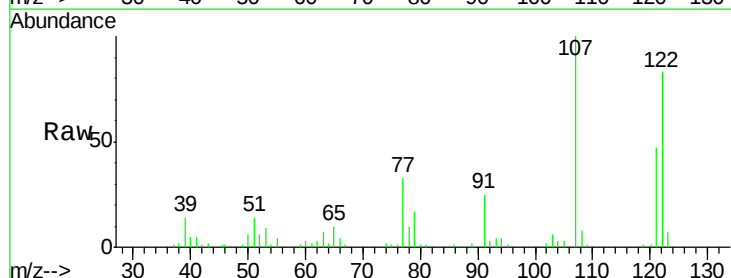


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

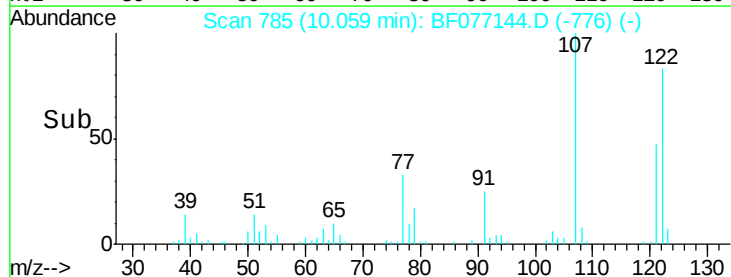
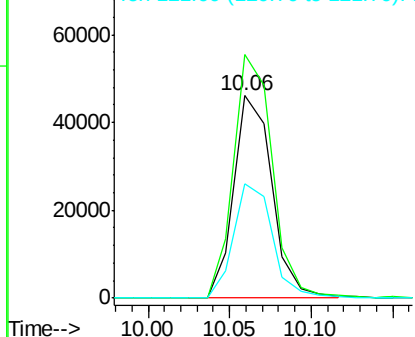


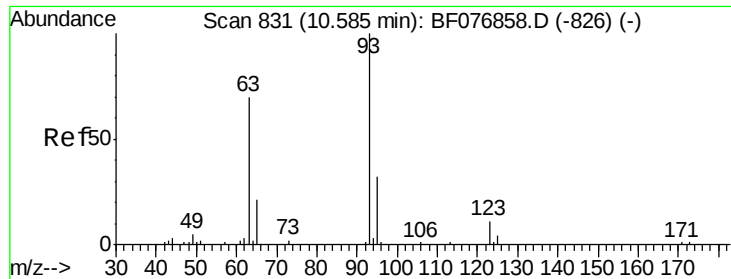
#27
2,4-Dimethylphenol
Concen: 39.79 ng
RT: 10.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.3	95.2	142.8
121	56.6	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

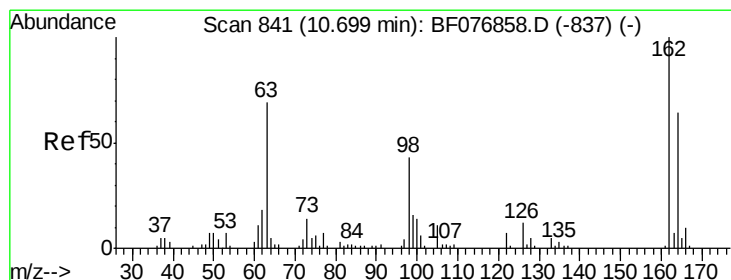
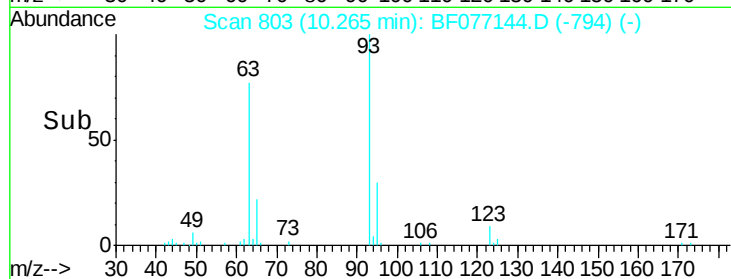
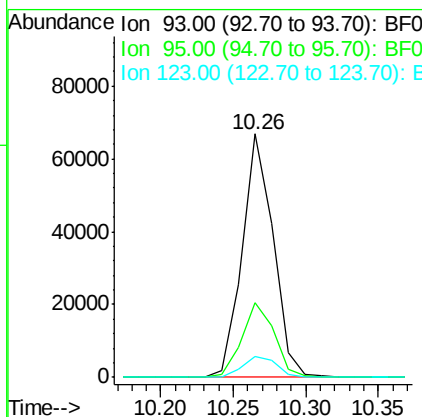
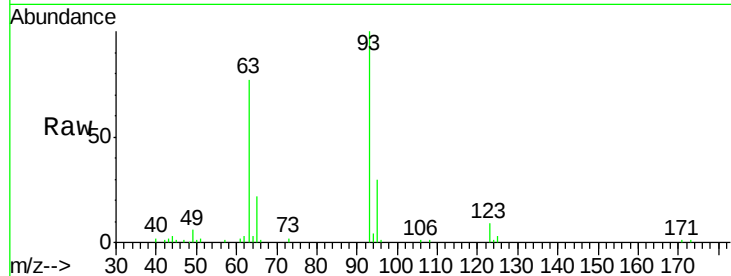




#28
bis(2-Chloroethoxy)methane
Concen: 40.13 ng
RT: 10.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

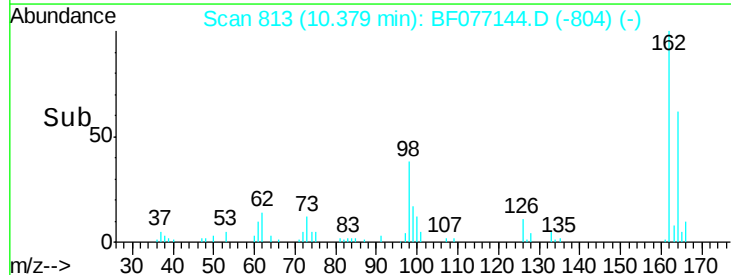
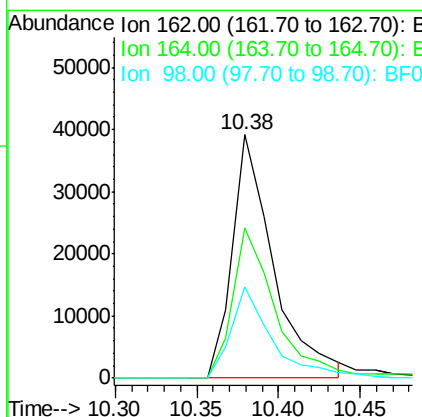
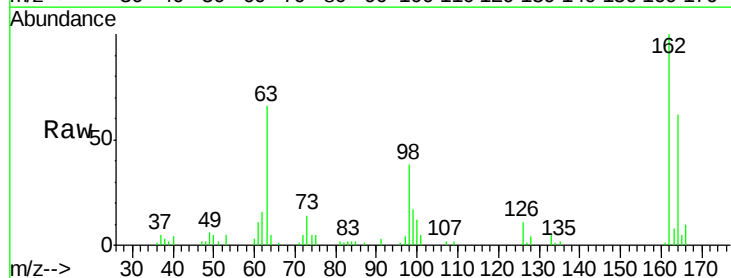
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 99329
Ion Ratio Lower Upper
93 100
95 30.5 25.6 38.4
123 8.8 8.9 13.3#



#29
2,4-Dichlorophenol
Concen: 38.96 ng
RT: 10.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion: 162 Resp: 68407
Ion Ratio Lower Upper
162 100
164 61.7 43.8 83.8
98 37.6 22.5 62.5

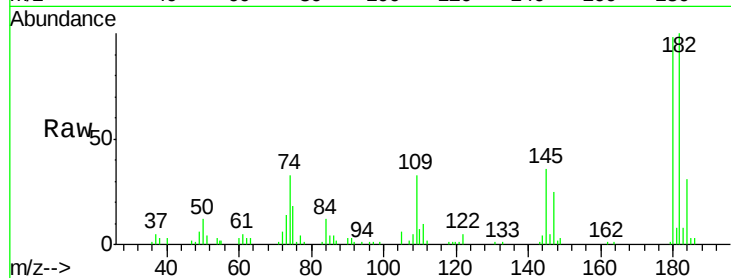




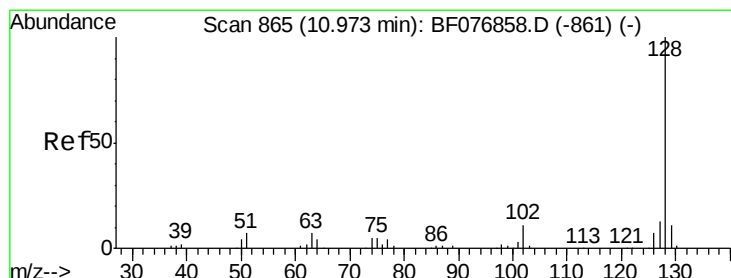
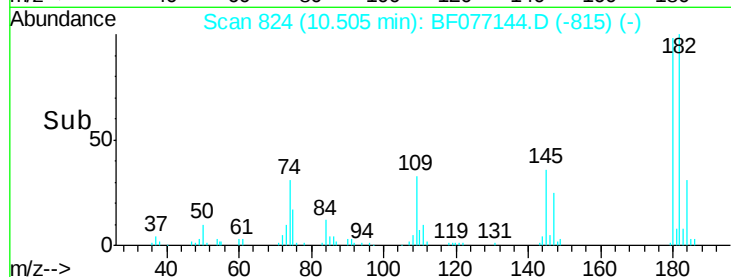
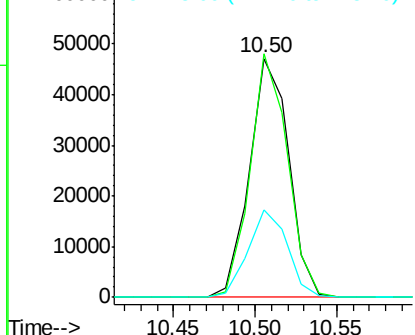
#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 10.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 79099
 Ion Ratio Lower Upper
 180 100
 182 101.9 73.6 110.4
 145 36.3 26.6 39.8

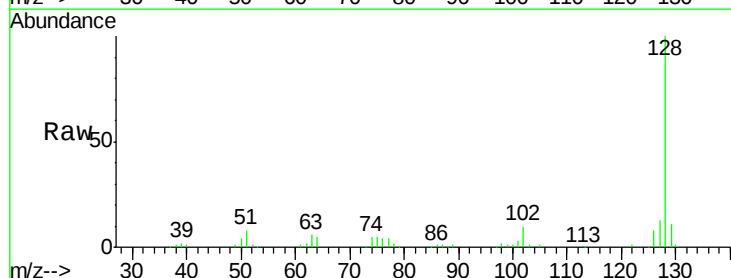


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

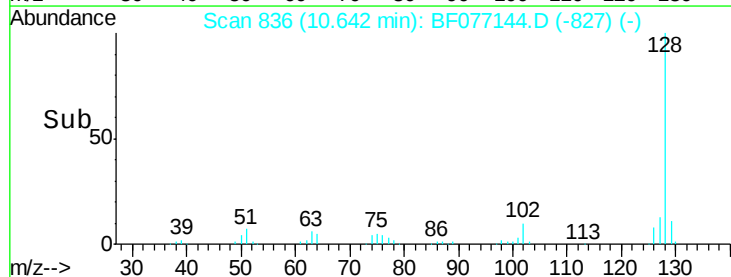
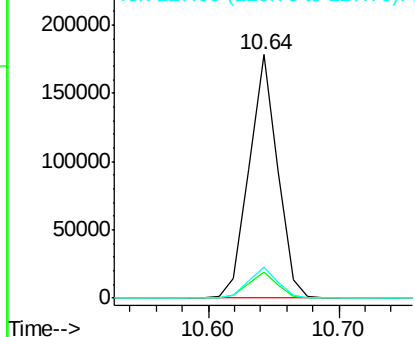


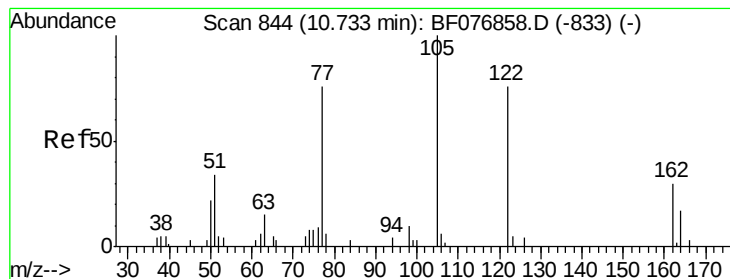
#31
 Naphthalene
 Concen: 39.79 ng
 RT: 10.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion:128 Resp: 271416
 Ion Ratio Lower Upper
 128 100
 129 10.8 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: 23.70 ng

RT: 10.47 min Scan# 821

Delta R.T. 0.02 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

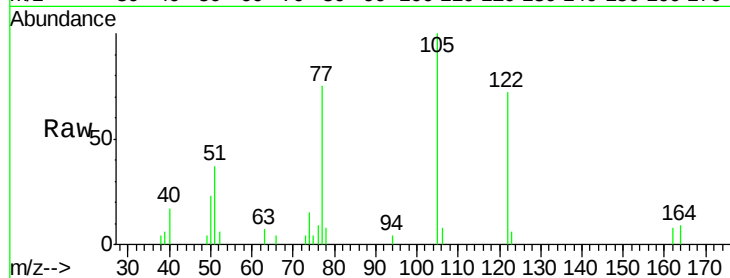
Tot Ion:122 Resp: 24733

Ion Ratio Lower Upper

122 100

105 139.7 111.3 151.3

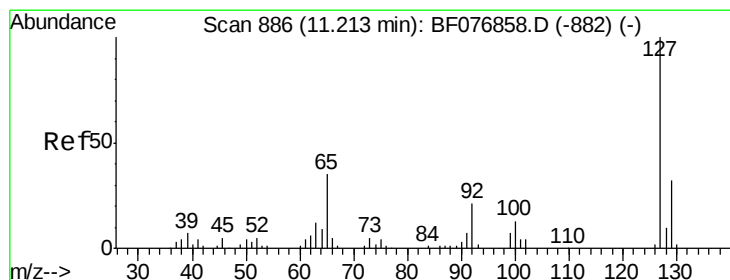
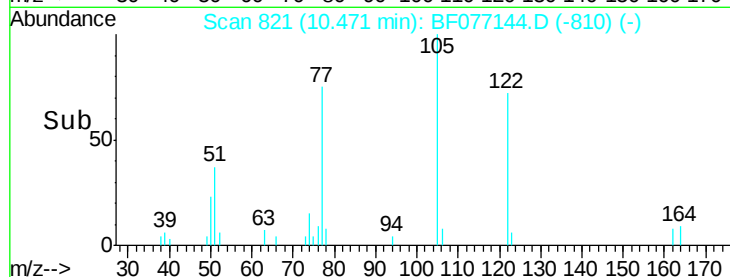
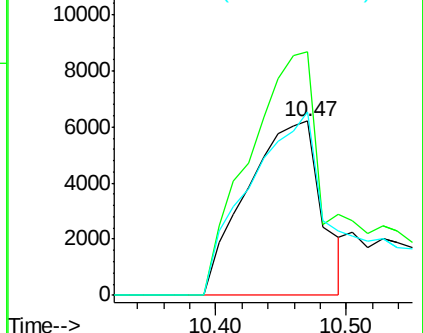
77 105.1 79.2 119.2



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: 39.03 ng

RT: 10.89 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Tgt Ion:127 Resp: 107581

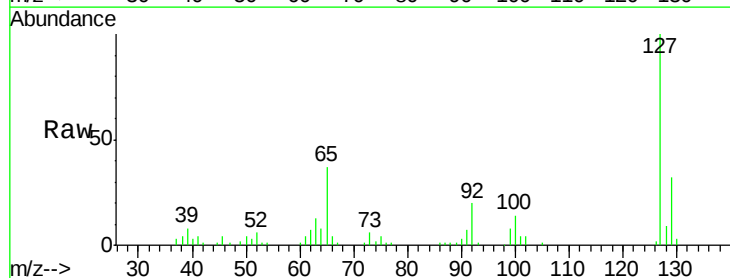
Ion Ratio Lower Upper

127 100

129 31.8 25.3 37.9

65 36.6 27.8 41.6

92 19.8 16.5 24.7

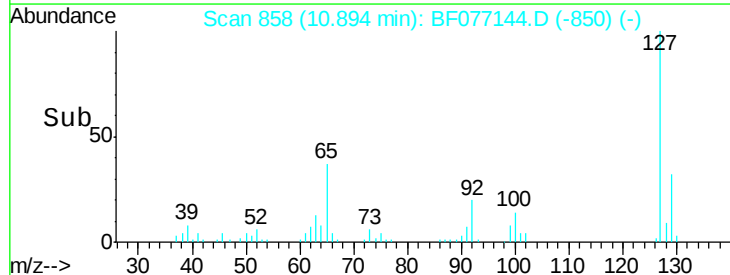
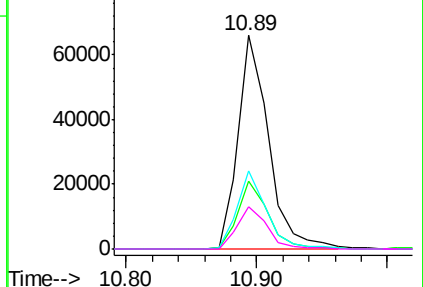


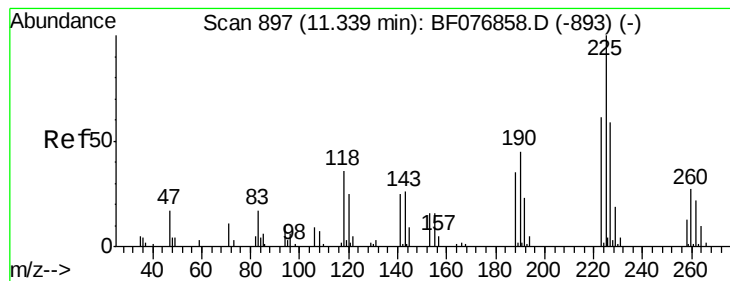
Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.59 ng

RT: 11.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

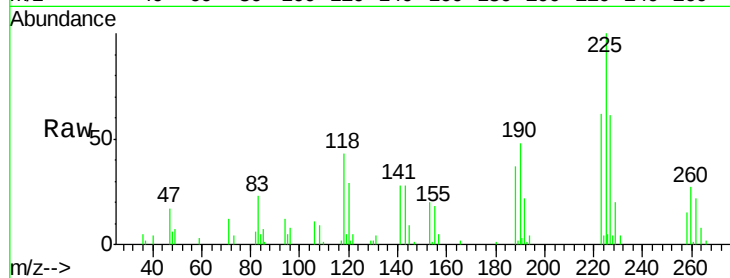
Tot Ion:225 Resp: 46967

Ion Ratio Lower Upper

225 100

223 62.2 49.1 73.7

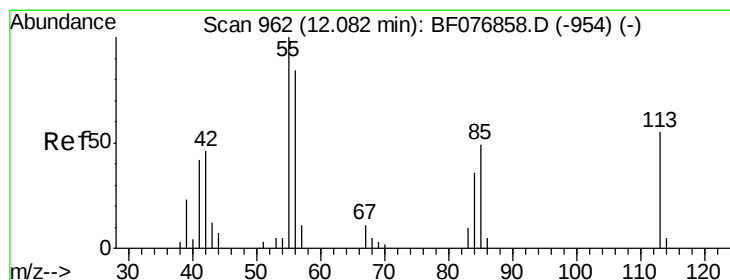
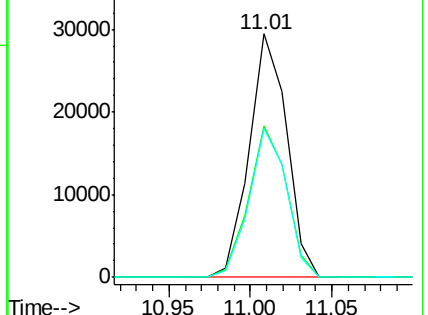
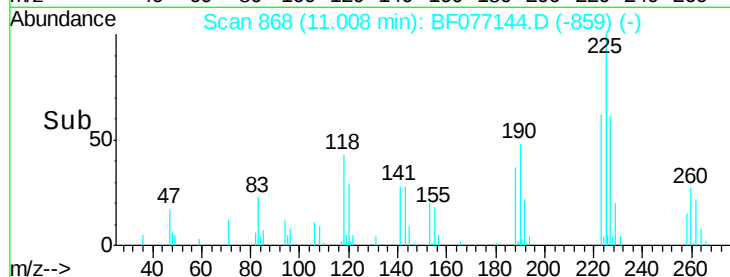
227 61.4 47.5 71.3



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



#35

Caprolactam

Concen: 37.12 ng

RT: 11.77 min Scan# 935

Delta R.T. 0.03 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

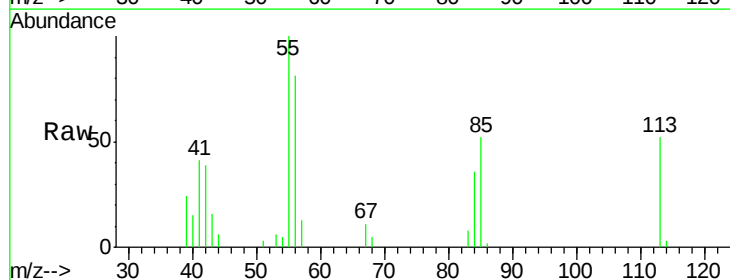
Tgt Ion:113 Resp: 19190

Ion Ratio Lower Upper

113 100

55 192.7 162.1 202.1

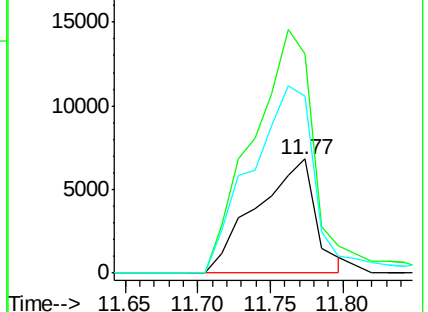
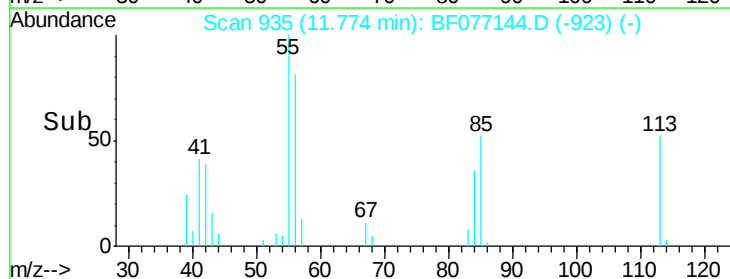
56 155.2 133.7 173.7

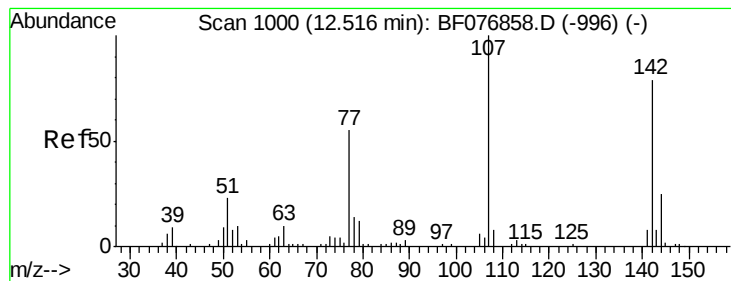


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 39.97 ng

RT: 12.21 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

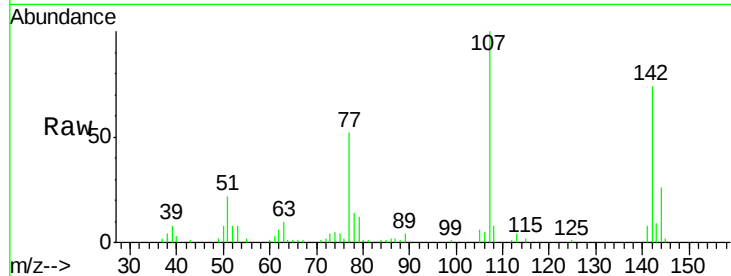
Tot Ion:107 Resp: 80354

Ion Ratio Lower Upper

107 100

144 26.1 20.0 30.0

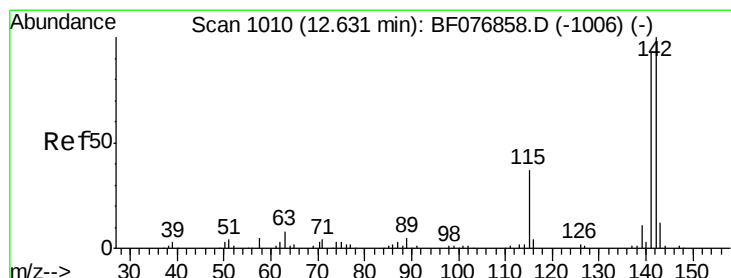
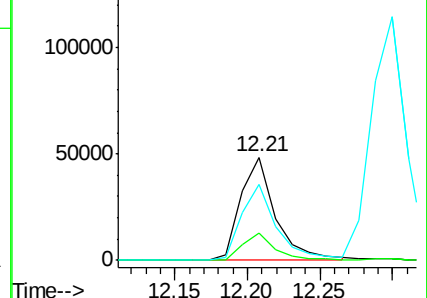
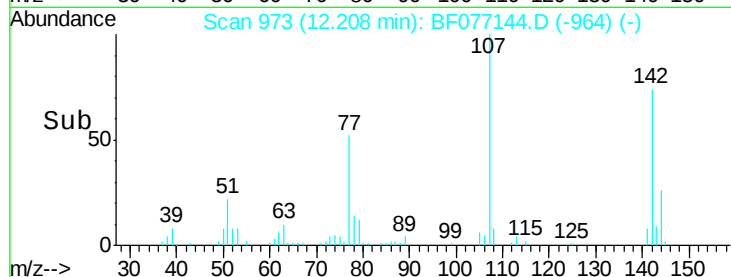
142 73.9 63.5 95.3



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: 40.12 ng

RT: 12.30 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

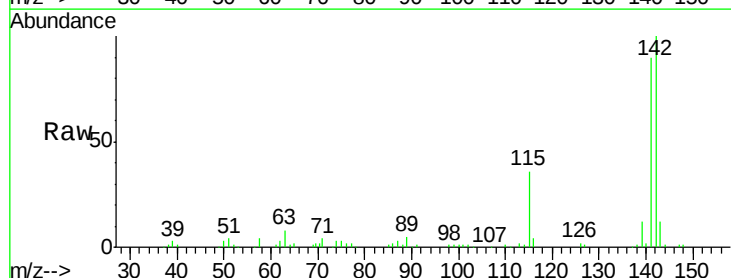
Tgt Ion:142 Resp: 186905

Ion Ratio Lower Upper

142 100

141 90.5 74.5 111.7

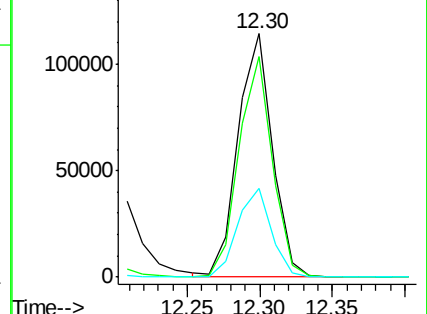
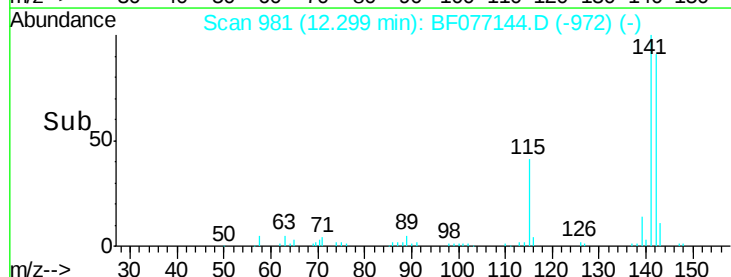
115 36.2 29.7 44.5

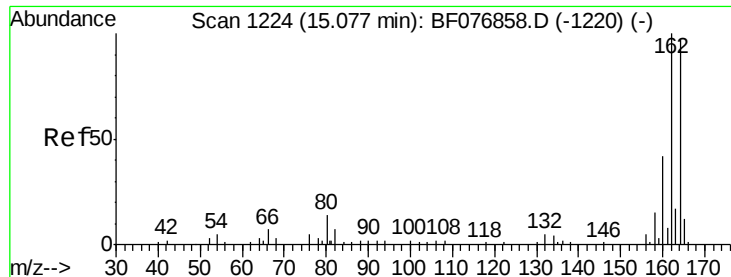


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.71 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

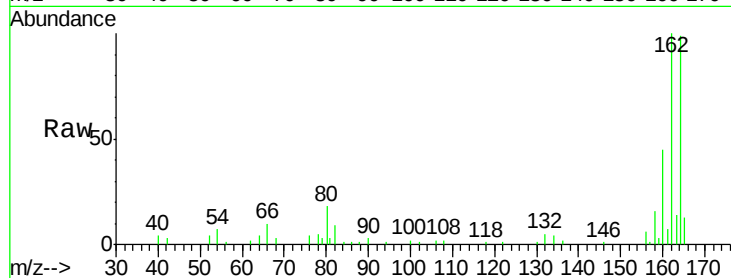
Tot Ion:164 Resp: 69408

Ion Ratio Lower Upper

164 100

162 101.1 82.4 123.6

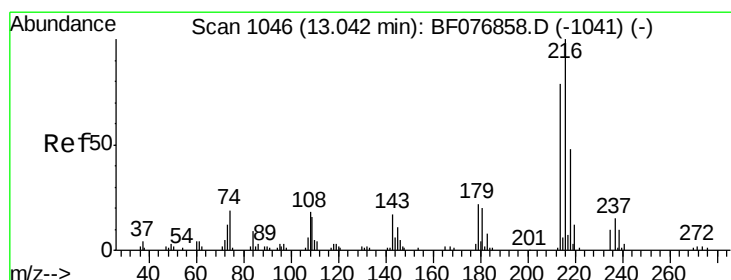
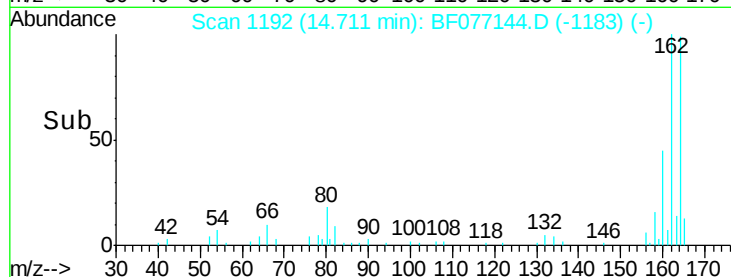
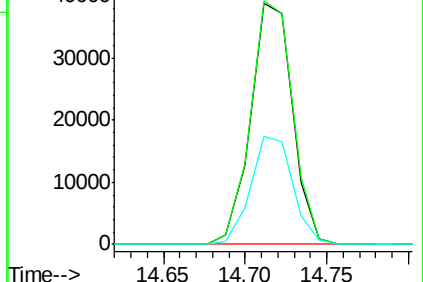
160 45.1 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.38 ng

RT: 12.70 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Tgt Ion:216 Resp: 71002

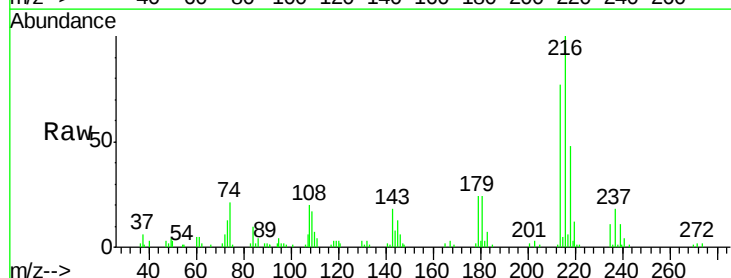
Ion Ratio Lower Upper

216 100

214 78.5 64.9 97.3

179 24.5 18.6 28.0

108 23.6 18.1 27.1

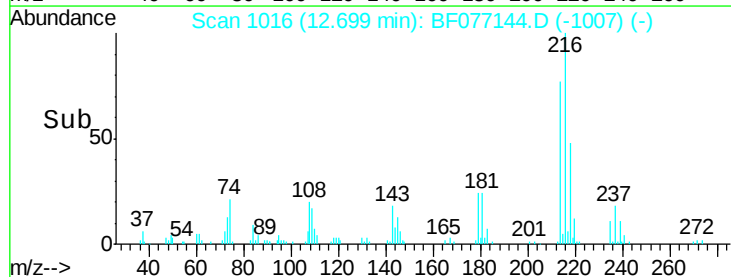
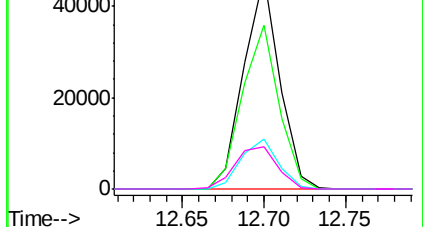


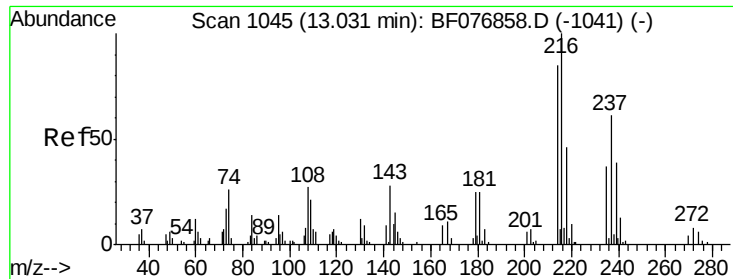
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

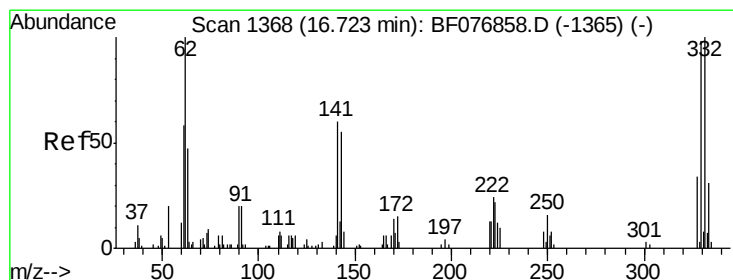
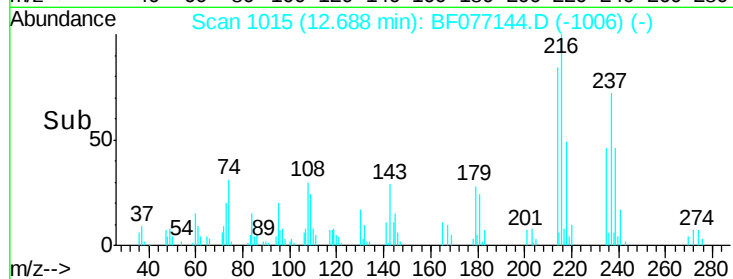
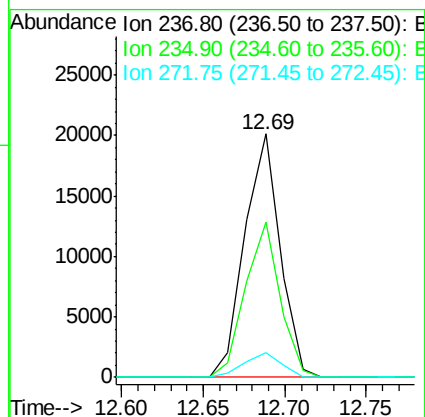
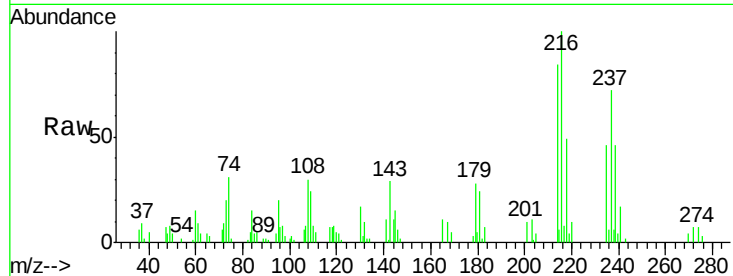




#40
Hexachlorocyclopentadiene
Concen: 35.42 ng
RT: 12.69 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

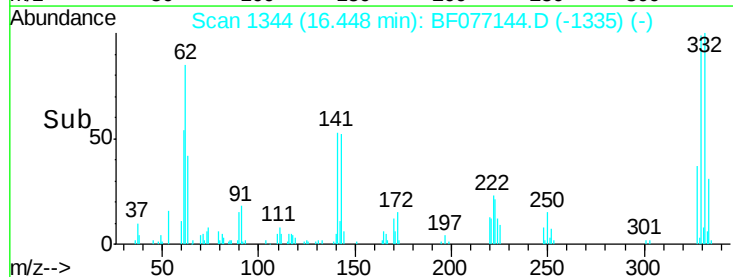
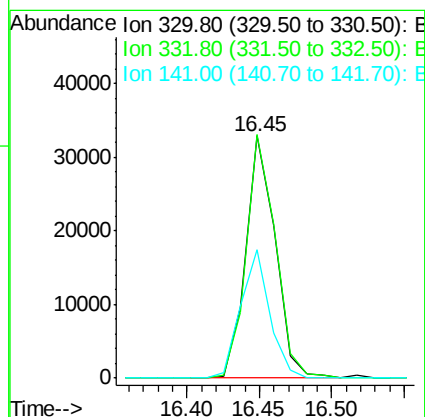
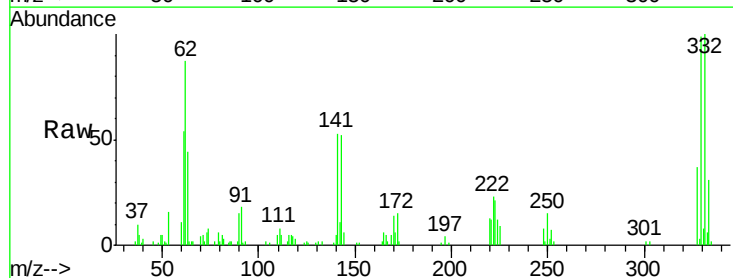
Instrument :
BNA_F
ClientSampleId :

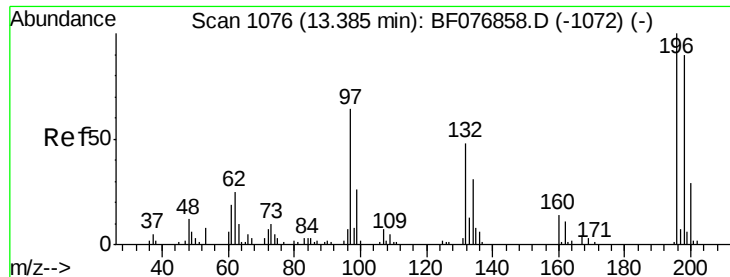
Tot Ion:237 Resp: 30222
Ion Ratio Lower Upper
237 100
235 63.9 40.4 80.4
272 10.2 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 82.34 ng
RT: 16.45 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:330 Resp: 46388
Ion Ratio Lower Upper
330 100
332 99.8 77.8 116.6
141 51.9 38.5 57.7

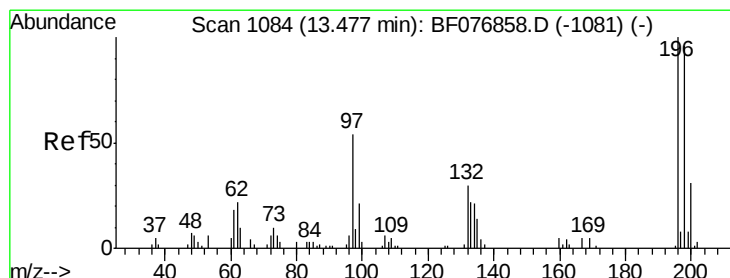
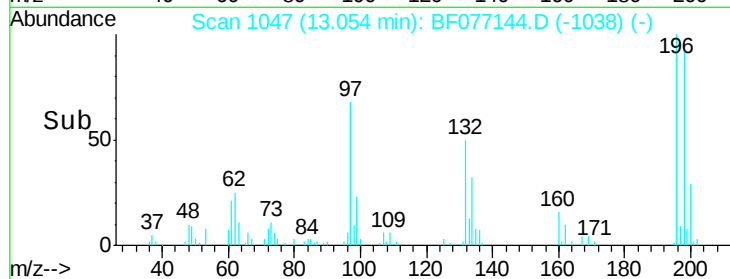
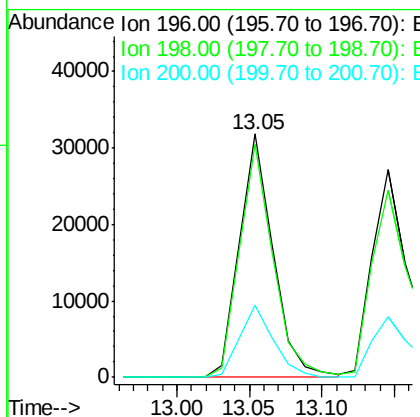
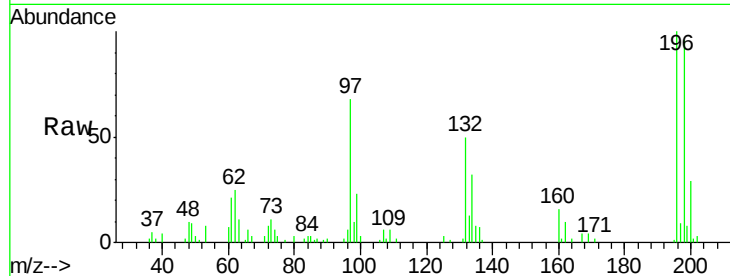




#42
 2,4,6-Trichlorophenol
 Concen: 41.31 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

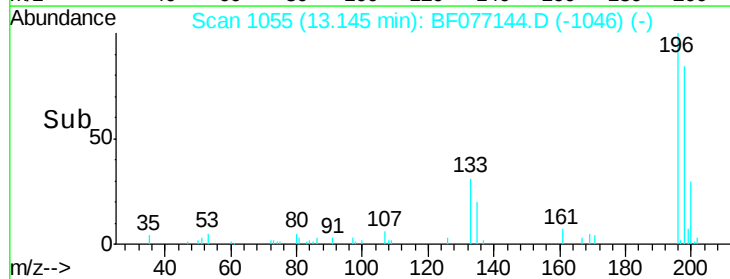
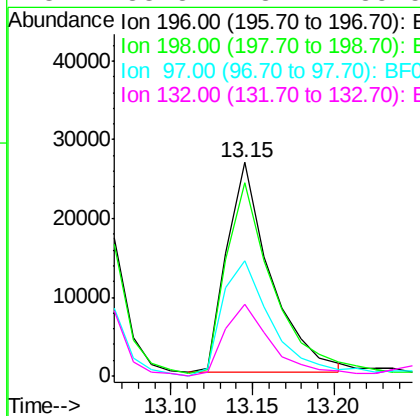
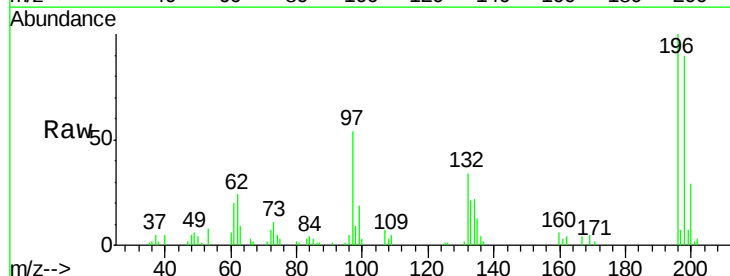
Instrument :
 BNA_F
 ClientSampleId :

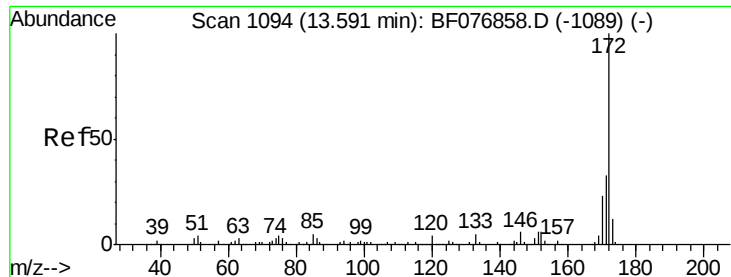
Tot Ion:196 Resp: 51653
 Ion Ratio Lower Upper
 196 100
 198 96.1 72.0 108.0
 200 29.4 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 38.95 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion:196 Resp: 49673
 Ion Ratio Lower Upper
 196 100
 198 90.3 76.6 115.0
 97 53.8 43.4 65.0
 132 33.8 23.7 35.5

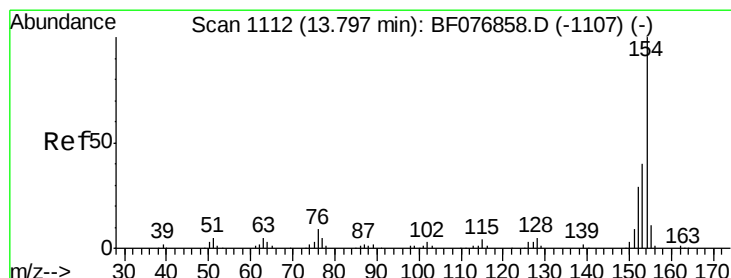
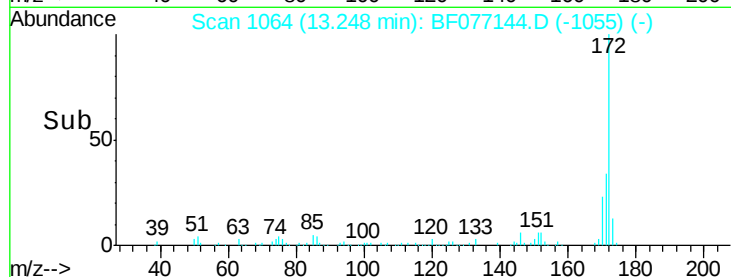
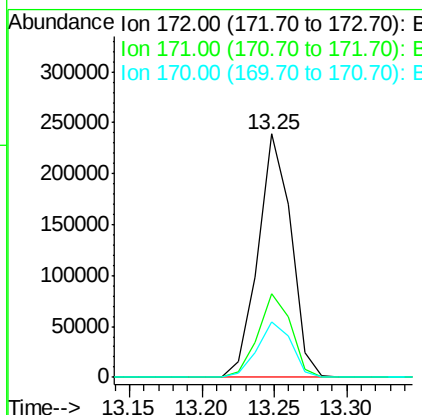
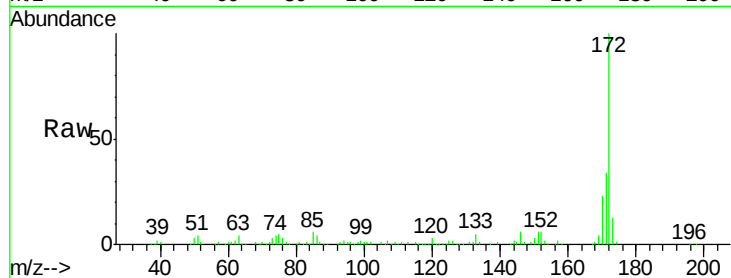




#44
 2-Fluorobiphenyl
 Concen: 82.75 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

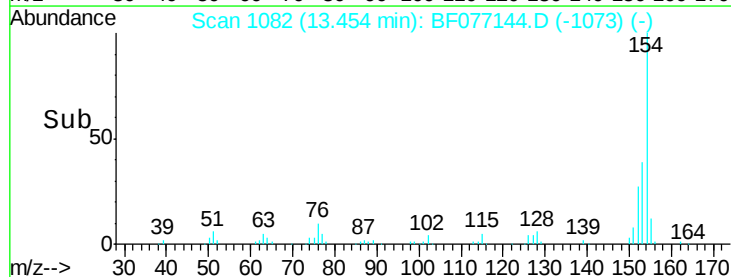
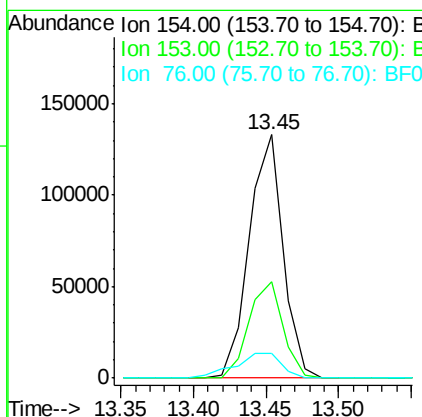
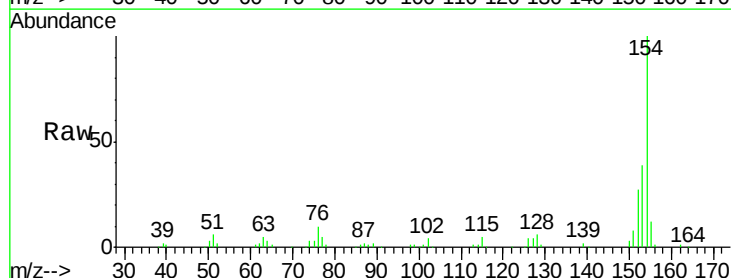
Instrument :
 BNA_F
 ClientSampleId :

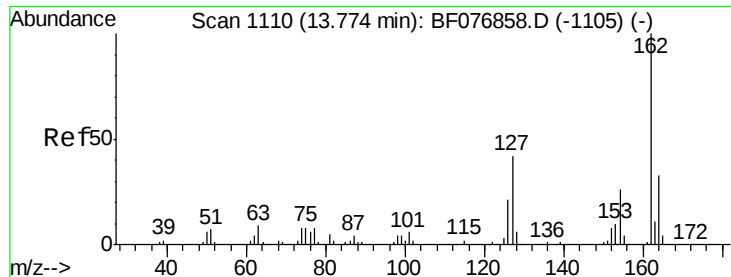
Tot Ion:172 Resp: 377408
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.6 40.0
 170 23.0 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 41.93 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion:154 Resp: 215772
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.2 60.2
 76 10.1 0.0 29.0

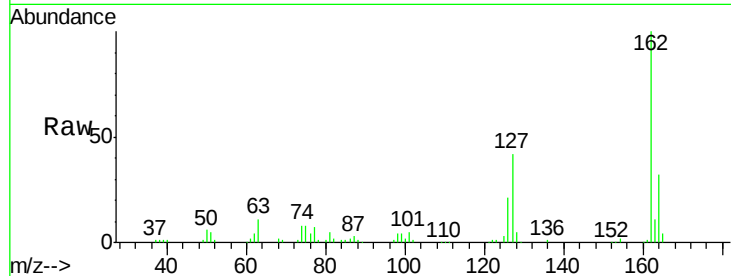




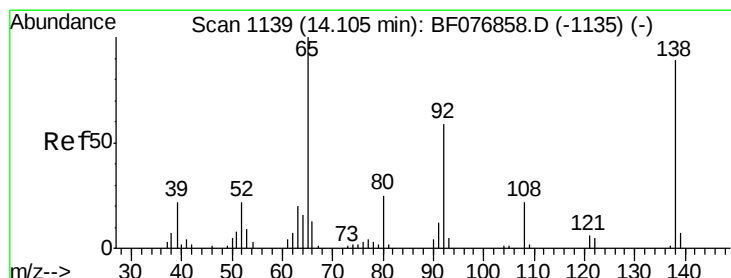
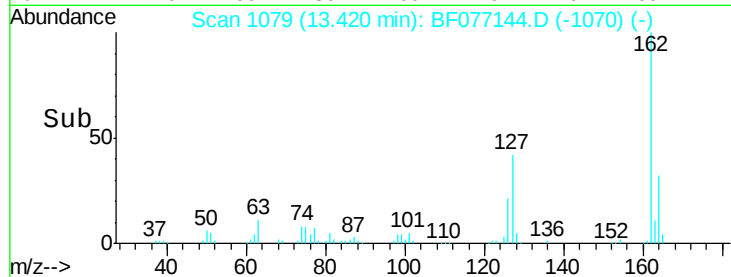
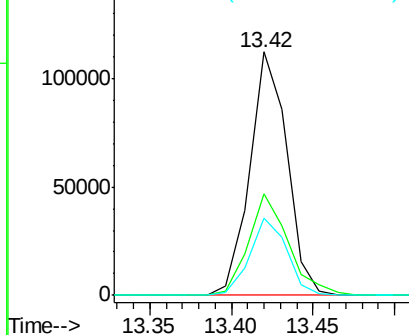
#46
2-Chloronaphthalene
Concen: 42.02 ng
RT: 13.42 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 177919
Ion Ratio Lower Upper
162 100
127 41.6 33.8 50.6
164 31.9 26.8 40.2

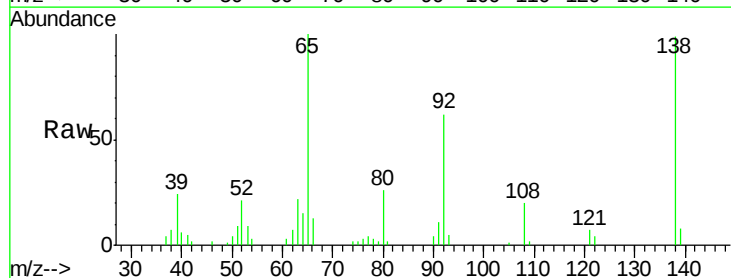


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

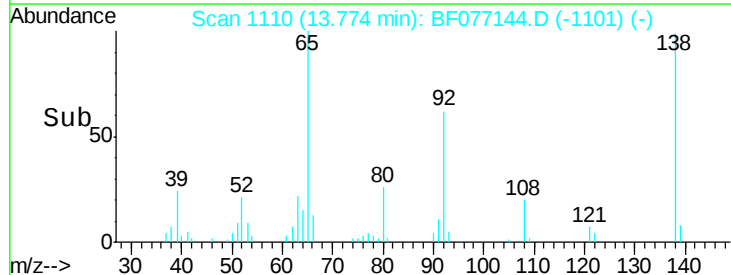
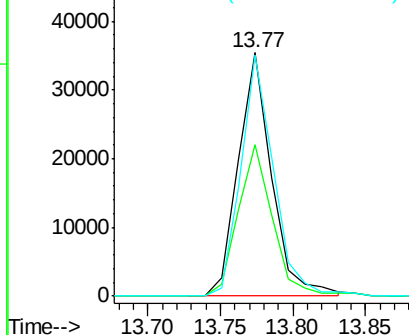


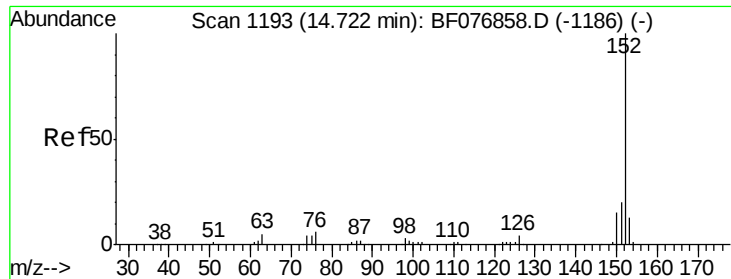
#47
2-Nitroaniline
Concen: 44.15 ng
RT: 13.77 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion: 65 Resp: 56715
Ion Ratio Lower Upper
65 100
92 62.3 47.3 70.9
138 98.9 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

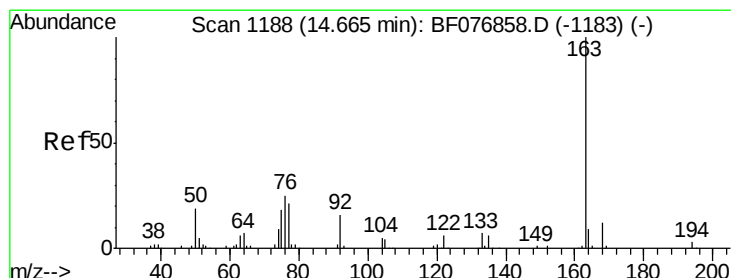
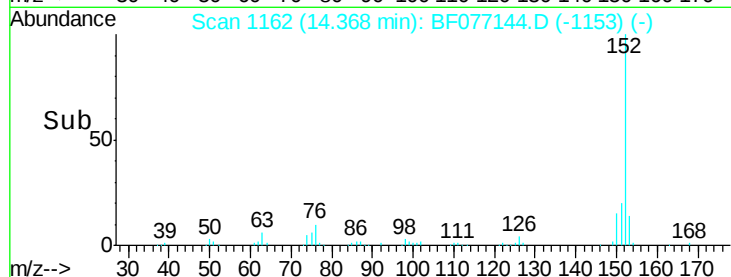
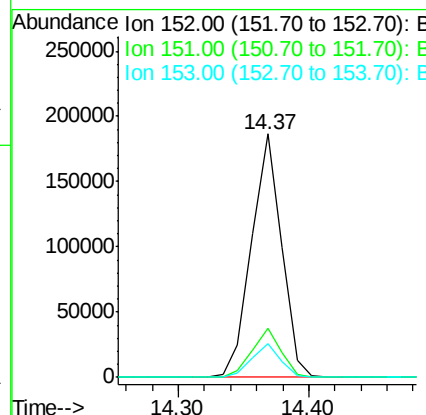
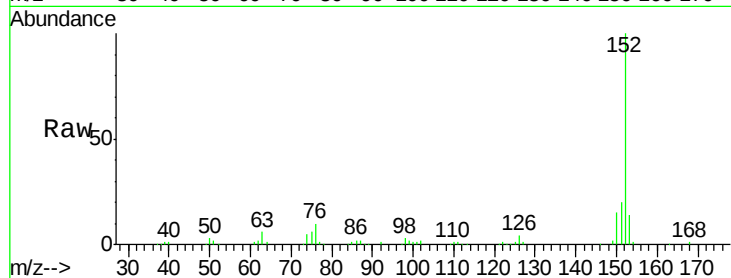




#48
Acenaphthylene
Concen: 42.10 ng
RT: 14.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

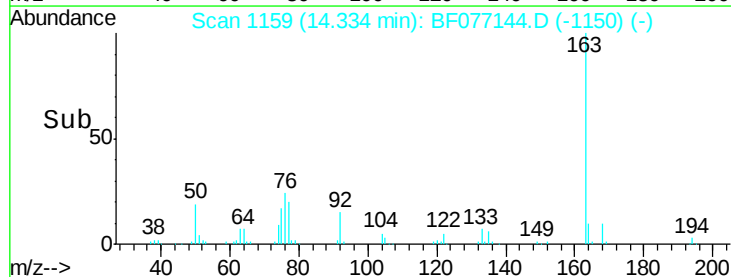
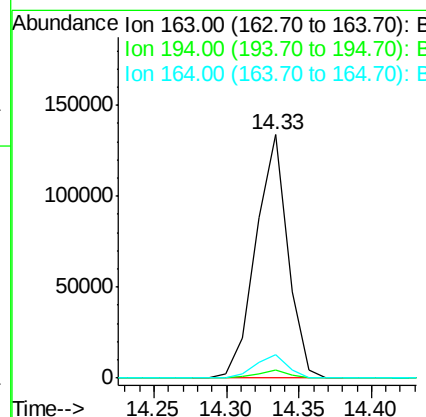
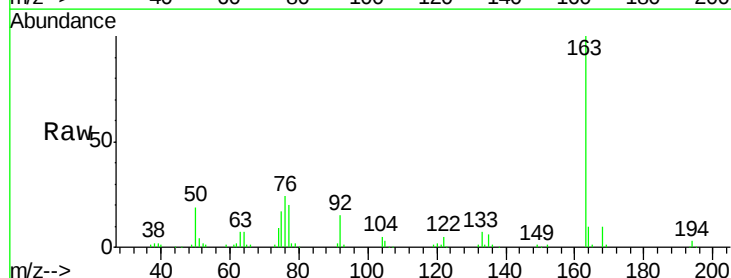
Instrument :
BNA_F
ClientSampleId :

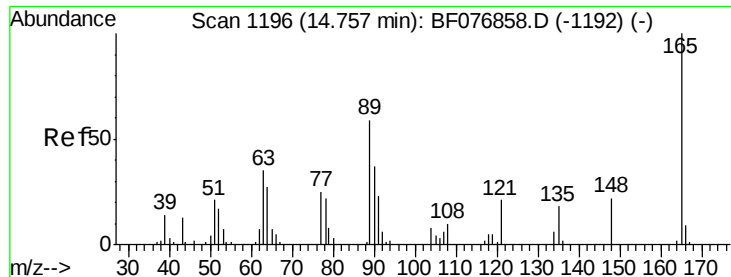
Tot Ion:152 Resp: 300709
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.6 10.2 15.4



#49
Dimethylphthalate
Concen: 41.60 ng
RT: 14.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:163 Resp: 204779
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.5 7.5 11.3

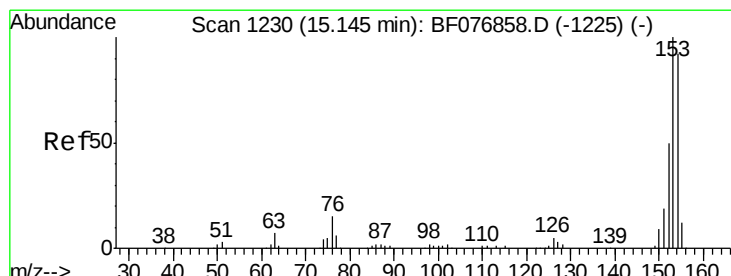
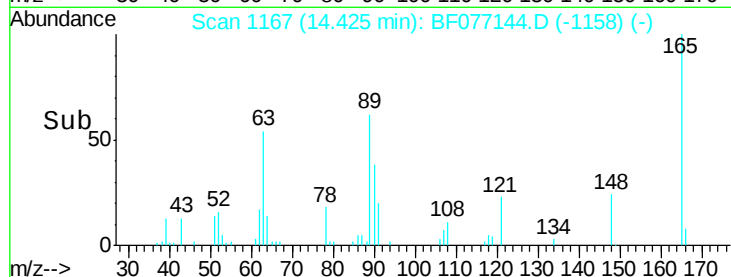
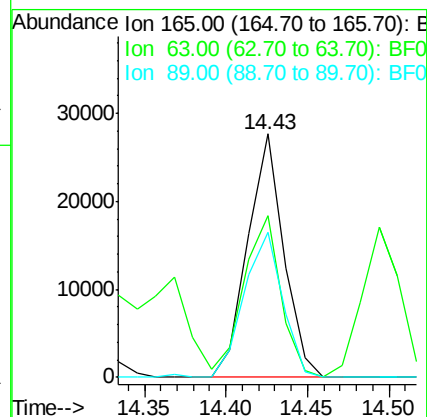
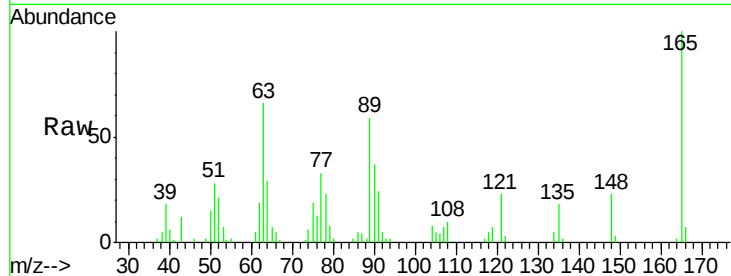




#50
2,6-Dinitrotoluene
Concen: 43.05 ng
RT: 14.43 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

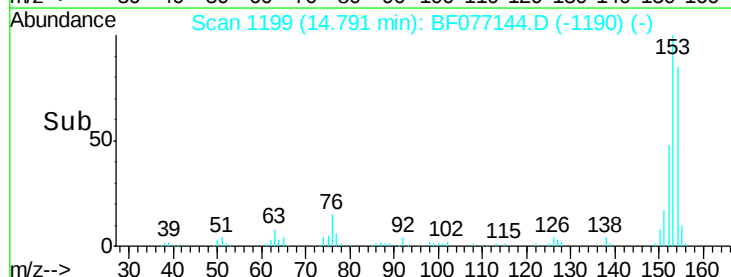
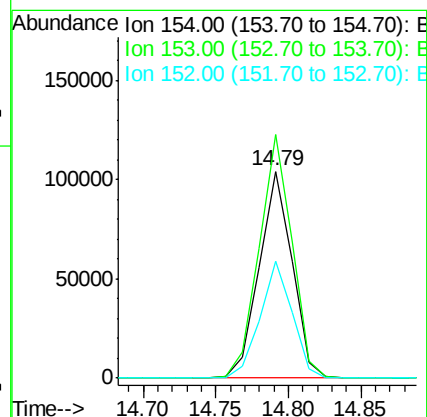
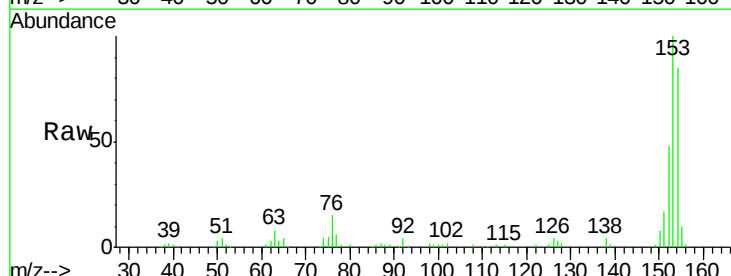
Instrument :
BNA_F
ClientSampleId :

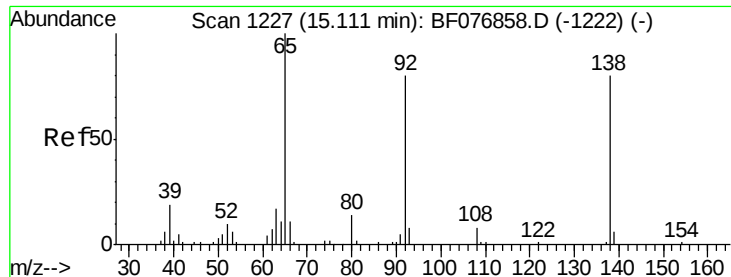
Tot Ion:165 Resp: 42338
Ion Ratio Lower Upper
165 100
63 66.3 48.1 72.1
89 59.4 47.2 70.8



#51
Acenaphthene
Concen: 40.48 ng
RT: 14.79 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:154 Resp: 164028
Ion Ratio Lower Upper
154 100
153 117.6 87.0 130.6
152 56.6 43.5 65.3

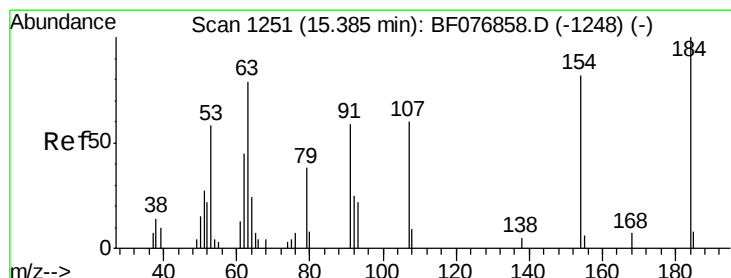
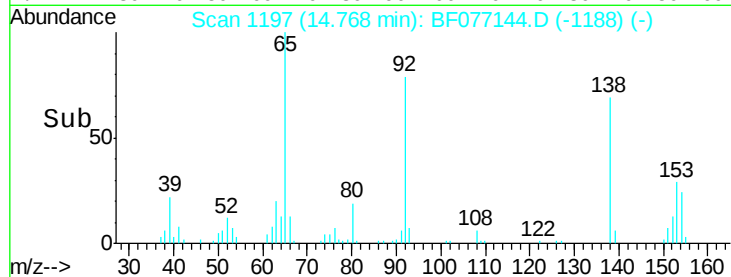
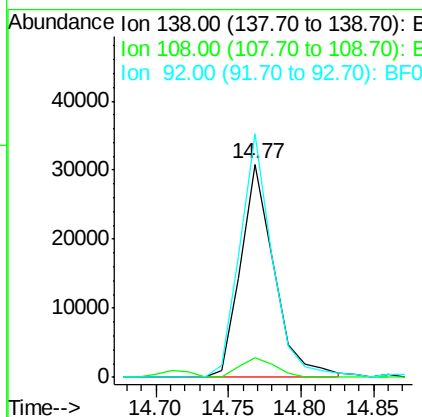
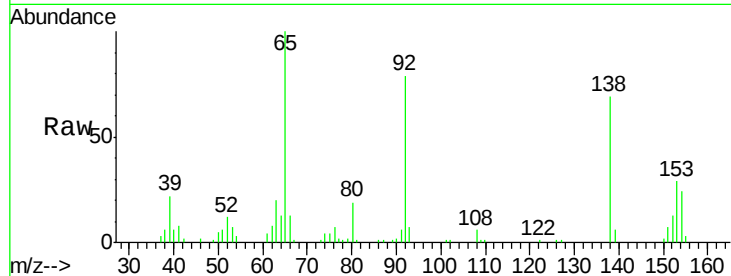




#52
 3-Nitroaniline
 Concen: 39.09 ng
 RT: 14.77 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

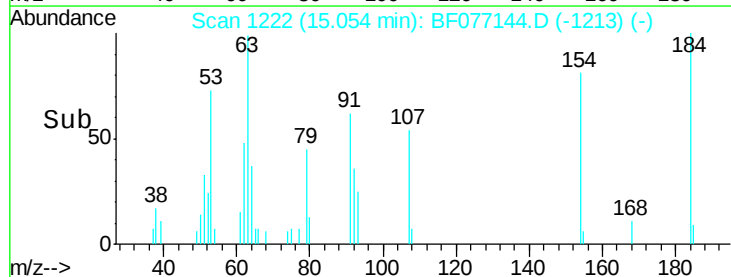
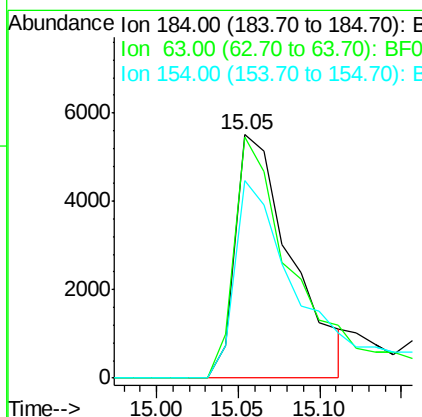
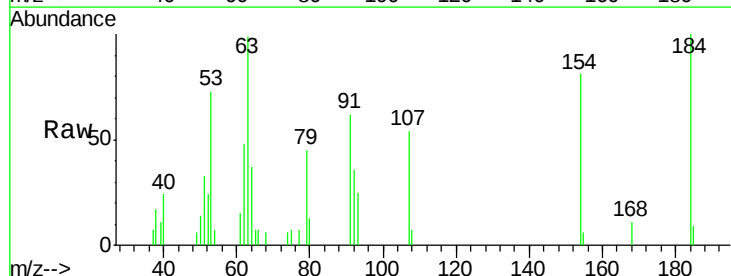
Instrument :
 BNA_F
 ClientSampleId :

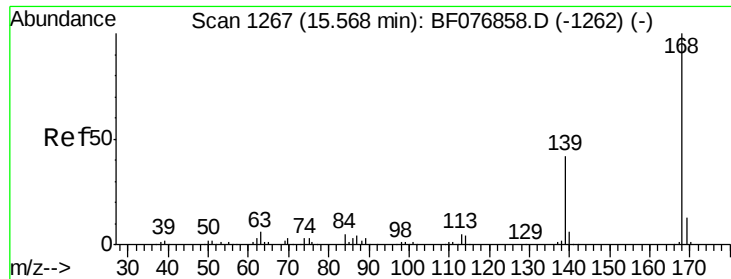
Tot Ion:138 Resp: 49747
 Ion Ratio Lower Upper
 138 100
 108 8.9 8.3 12.5
 92 114.3 80.9 121.3



#53
 2,4-Dinitrophenol
 Concen: 36.05 ng
 RT: 15.05 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion:184 Resp: 13142
 Ion Ratio Lower Upper
 184 100
 63 98.8 63.0 94.6#
 154 81.1 65.5 98.3

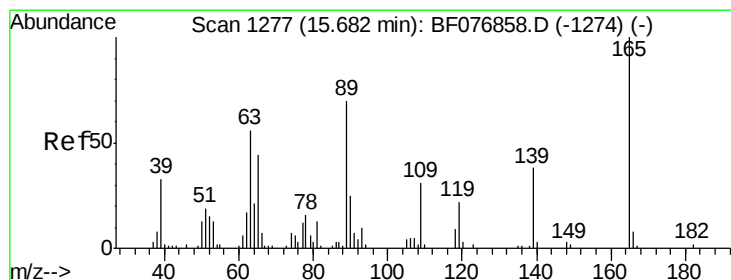
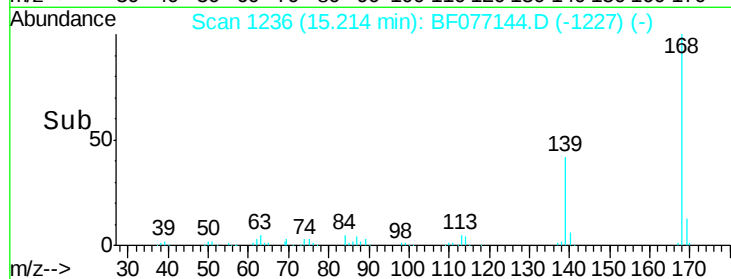
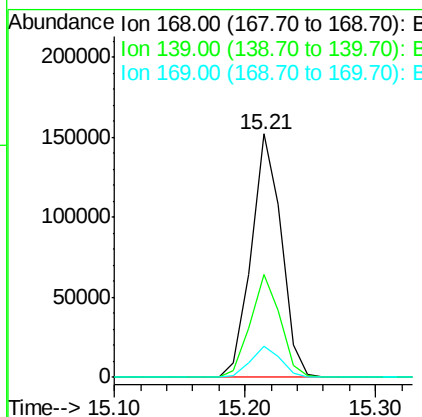
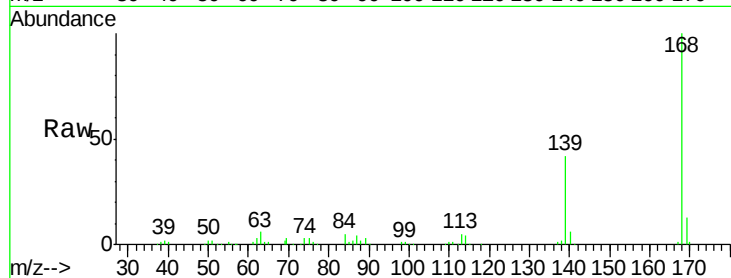




#54
Dibenzenofuran
Concen: 41.53 ng
RT: 15.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

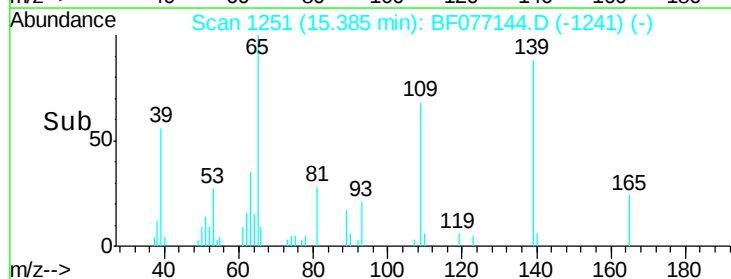
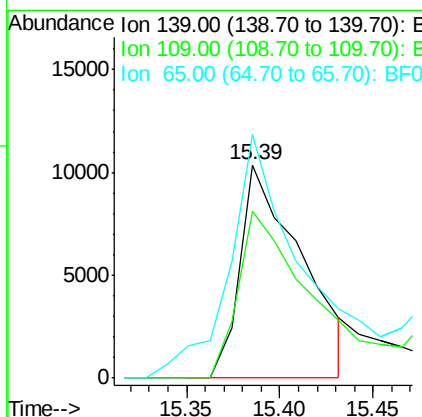
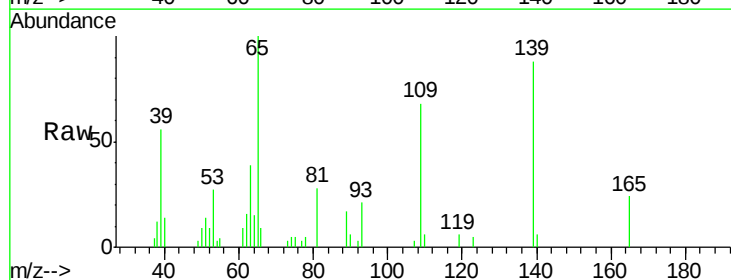
Instrument :
BNA_F
ClientSampleId :

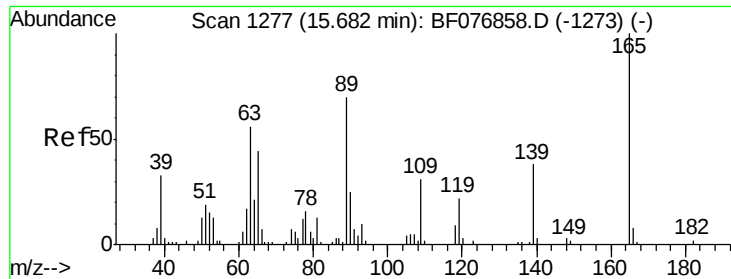
Tot Ion:168 Resp: 245164
Ion Ratio Lower Upper
168 100
139 42.3 33.4 50.2
169 12.7 10.6 15.8



#55
4-Nitrophenol
Concen: 30.87 ng
RT: 15.39 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:139 Resp: 23818
Ion Ratio Lower Upper
139 100
109 78.1 61.0 101.0
65 114.1 96.6 136.6

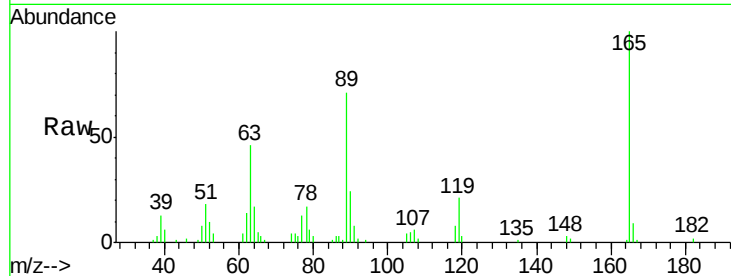




#56
 2,4-Dinitrotoluene
 Concen: 39.57 ng
 RT: 15.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	44.8	67.2
89	70.9	56.2	84.2
182	1.6	1.5	2.3

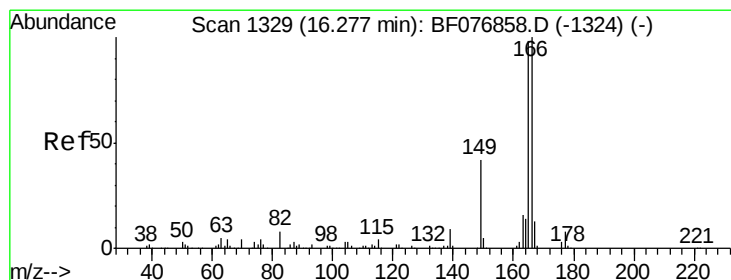
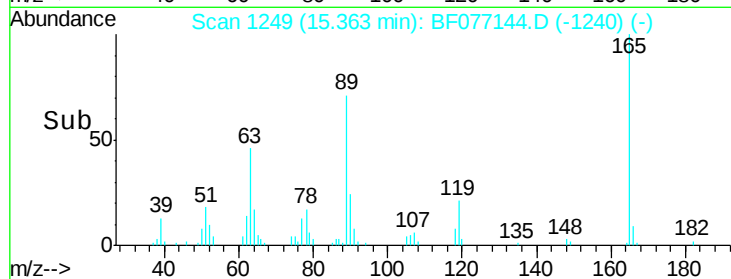
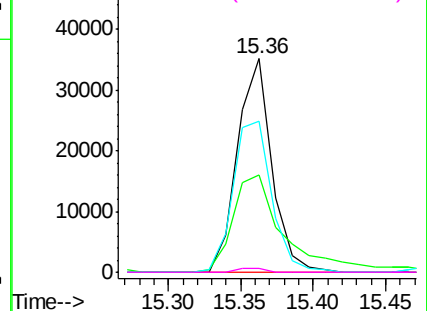


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

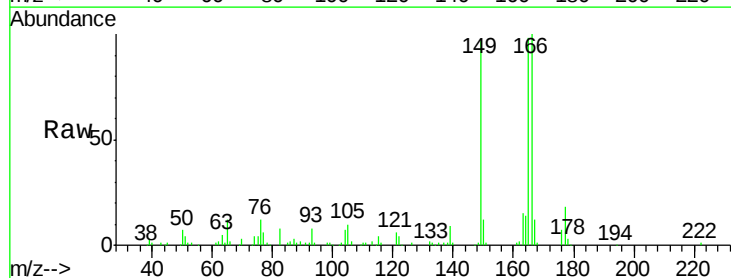
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 41.38 ng
 RT: 15.98 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

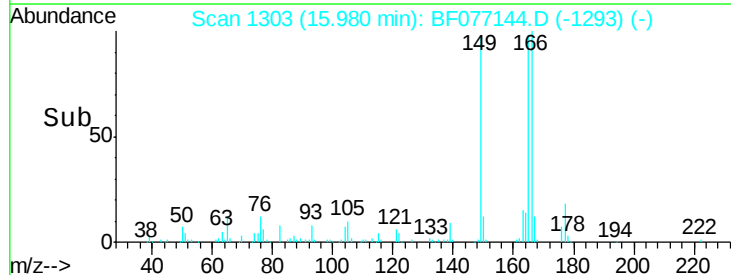
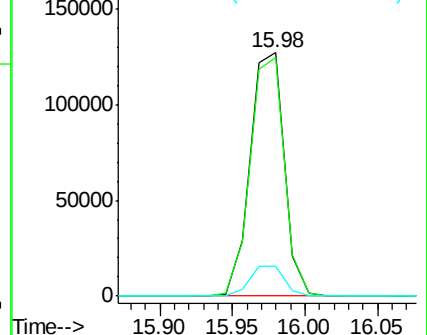
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	12.2	10.4	15.6



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

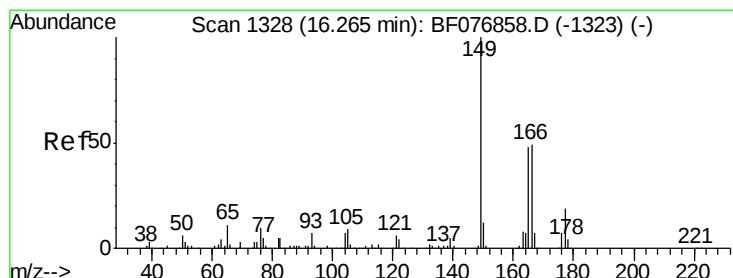
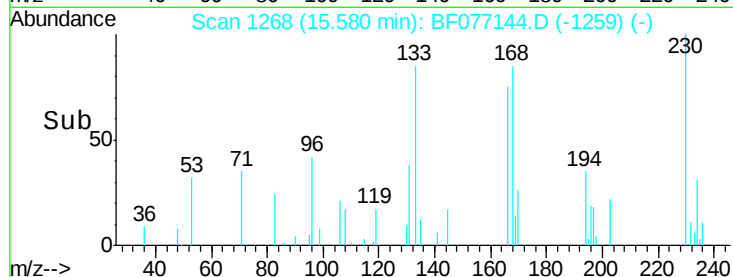
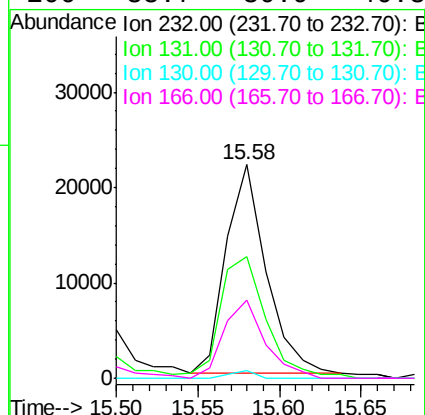
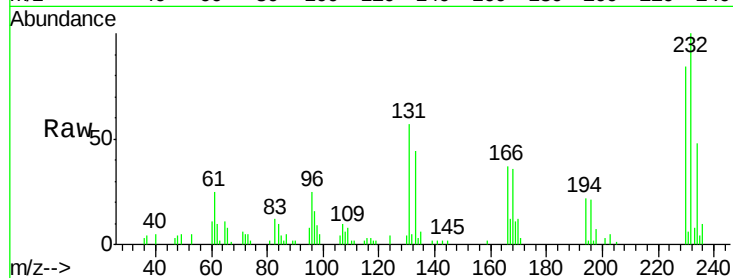




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.25 ng
 RT: 15.58 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

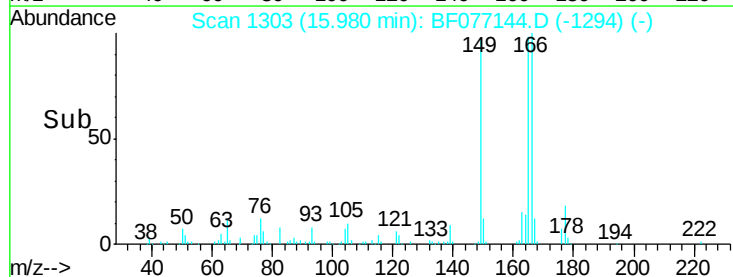
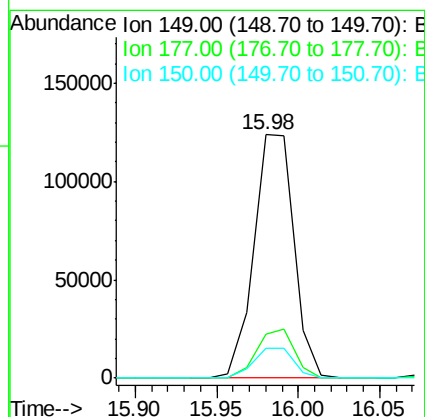
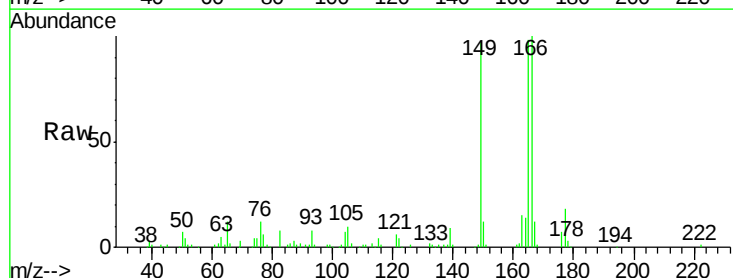
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 37369
 Ion Ratio Lower Upper
 232 100
 131 60.0 45.0 67.6
 130 2.4 2.6 3.8#
 166 38.7 30.9 46.3



#59
 Diethylphthalate
 Concen: 42.54 ng
 RT: 15.98 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion:149 Resp: 211625
 Ion Ratio Lower Upper
 149 100
 177 18.0 15.0 22.6
 150 12.5 9.4 14.0

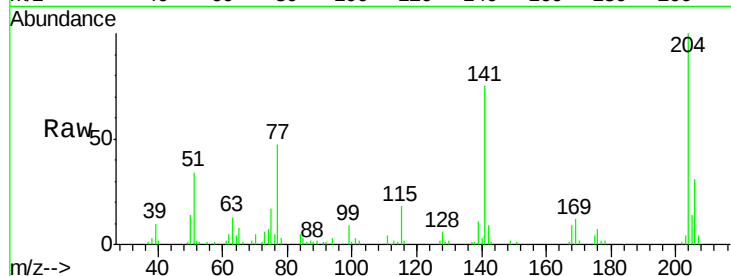




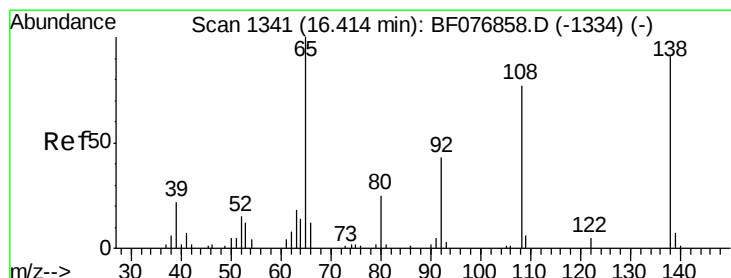
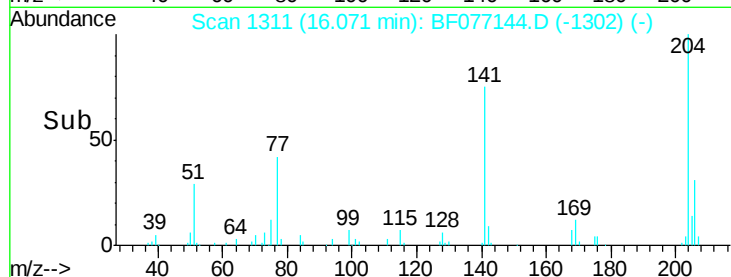
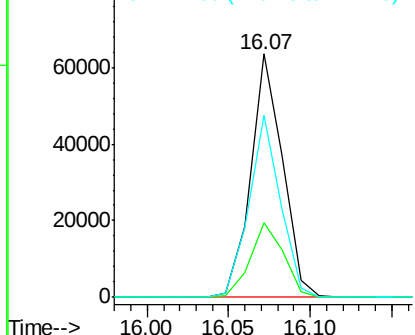
#60
4-Chlorophenyl-phenylether
Concen: 41.86 ng
RT: 16.07 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 85647
Ion Ratio Lower Upper
204 100
206 30.7 24.2 36.2
141 74.9 66.7 100.1

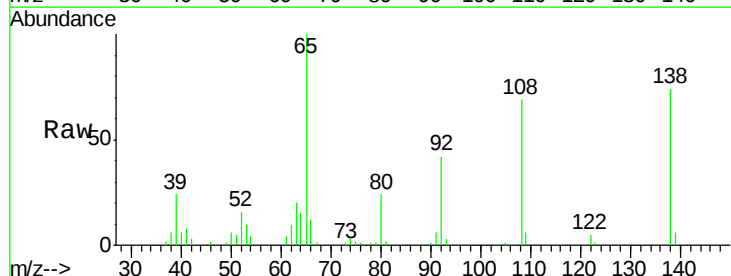


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

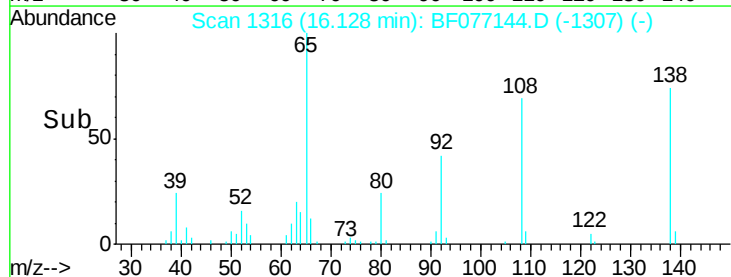
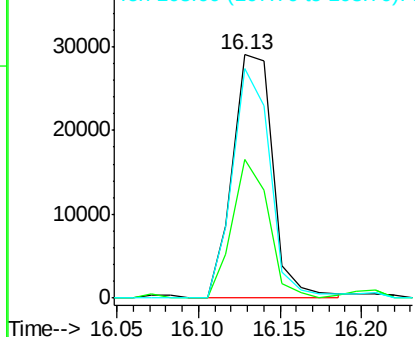


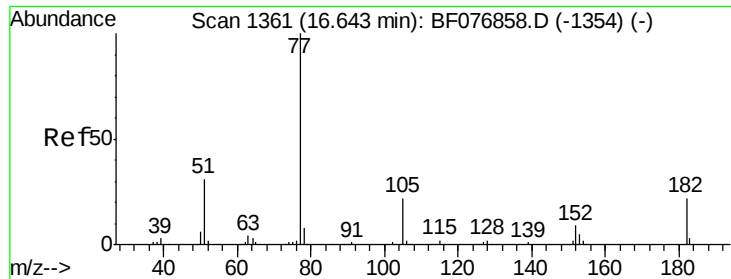
#61
4-Nitroaniline
Concen: 40.19 ng
RT: 16.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:138 Resp: 49527
Ion Ratio Lower Upper
138 100
92 57.1 26.7 66.7
108 94.3 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: 42.13 ng

RT: 16.37 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 218359

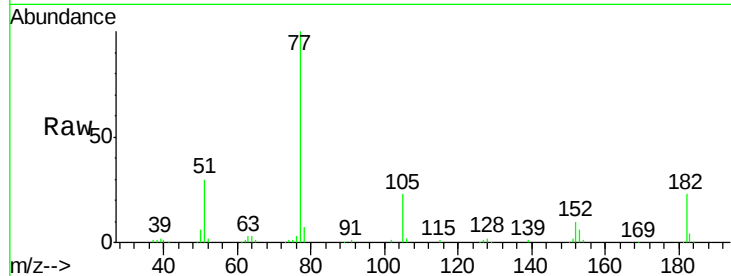
Ion Ratio Lower Upper

77 100

182 23.1 2.0 42.0

105 22.8 2.3 42.3

51 30.2 10.7 50.7

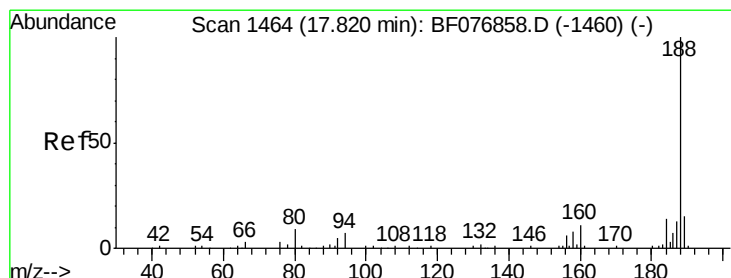
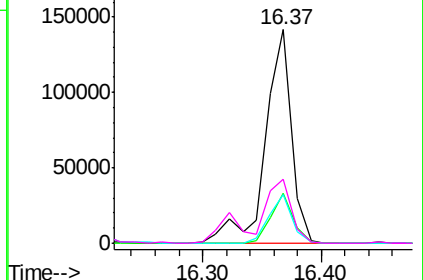
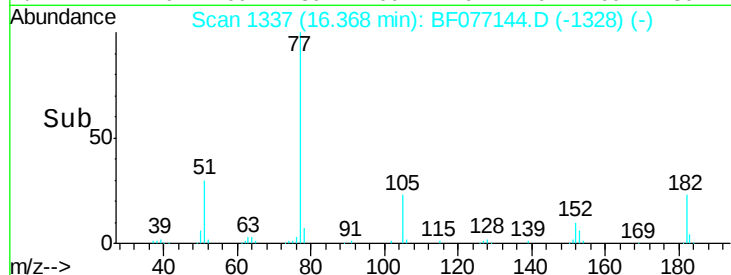


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

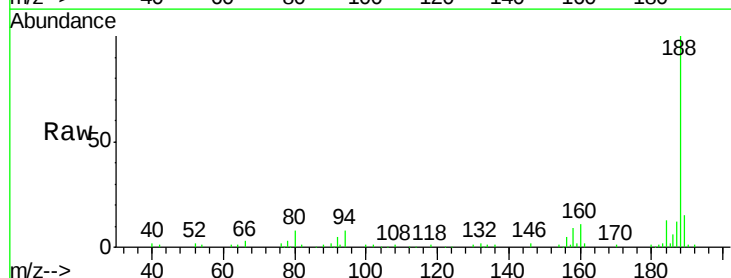
Tgt Ion: 188 Resp: 120268

Ion Ratio Lower Upper

188 100

94 7.9 6.0 9.0

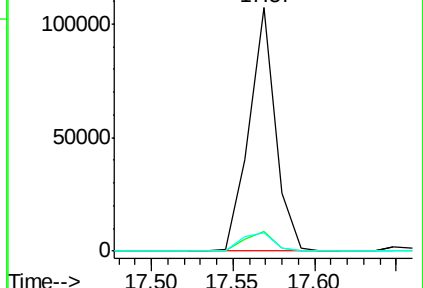
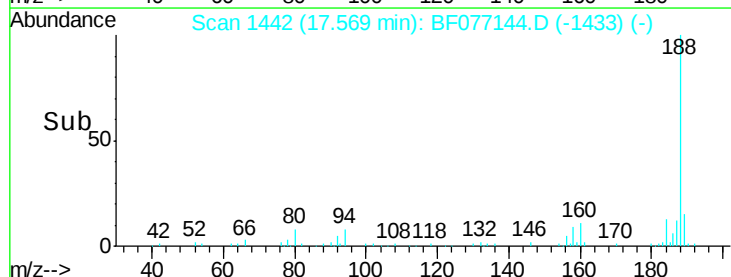
80 7.7 6.9 10.3

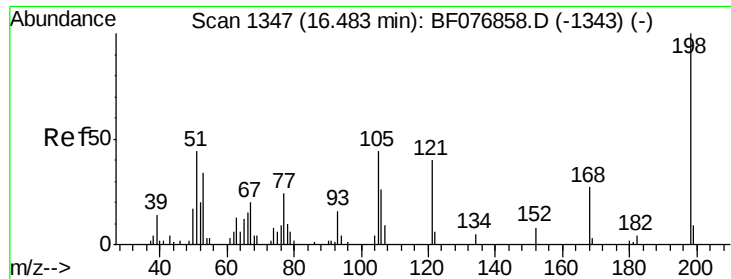


Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.74 ng

RT: 16.21 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampled :

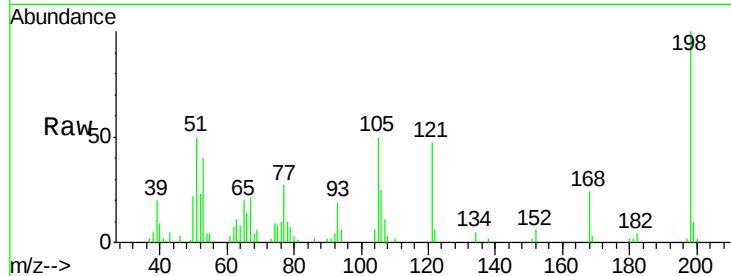
Tot Ion:198 Resp: 29415

Ion	Ratio	Lower	Upper
198	100		
51	50.3	24.2	64.2
105	49.7	24.0	64.0

198 100

51 50.3 24.2 64.2

105 49.7 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

Time-->

16.21

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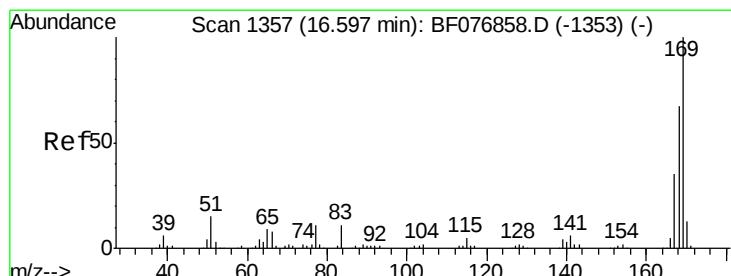
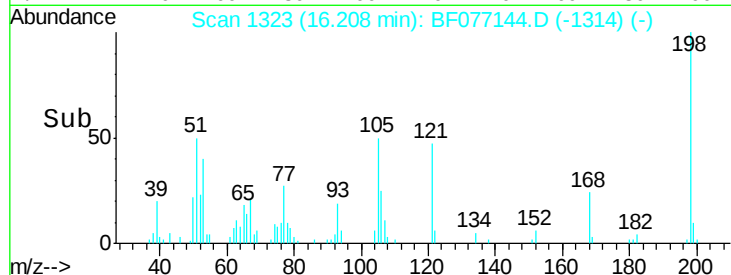
16.21

16.21

16.21

16.21

16.21



#65

n-Nitrosodiphenylamine

Concen: 39.51 ng

RT: 16.32 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

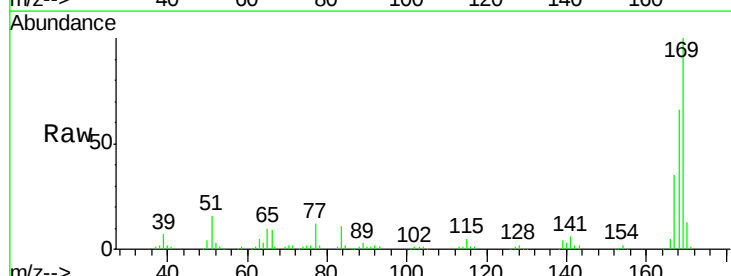
Tgt Ion:169 Resp: 169428

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.8	80.6
167	35.4	27.8	41.6

169 100

168 66.5 53.8 80.6

167 35.4 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

Time-->

16.32

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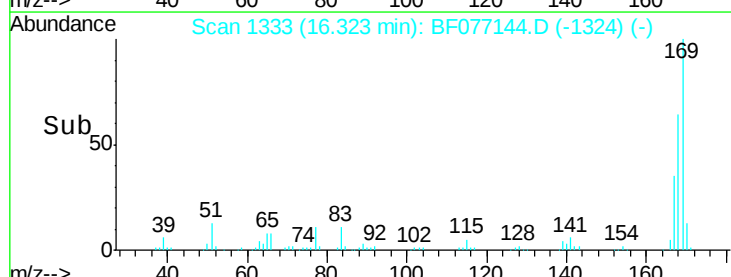
16.32

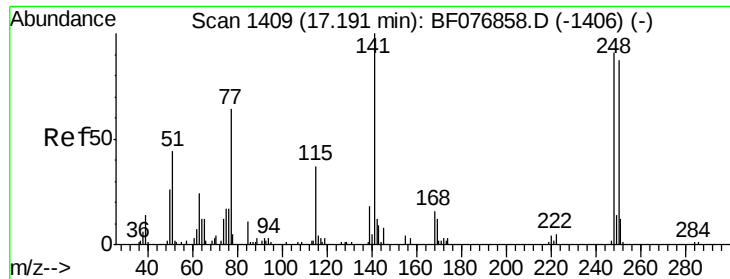
16.32

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16.32

16.32

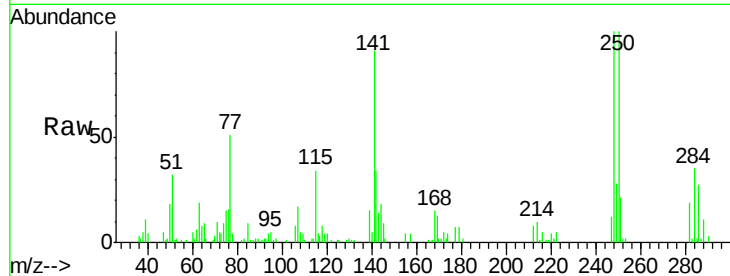




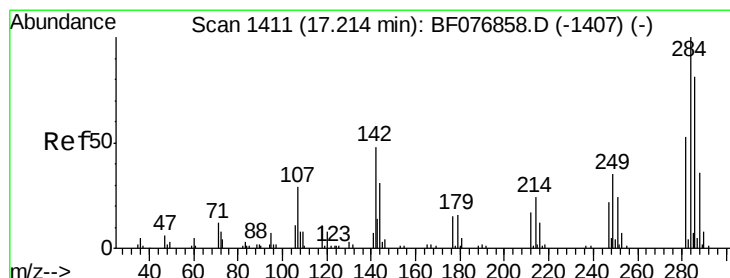
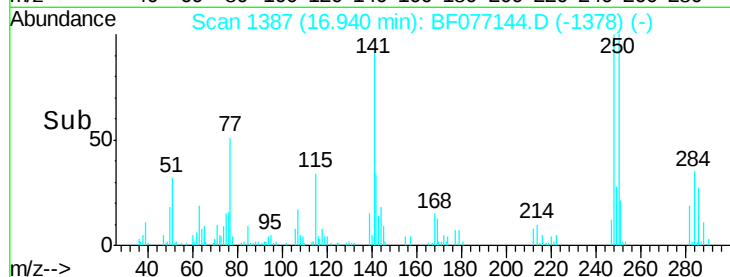
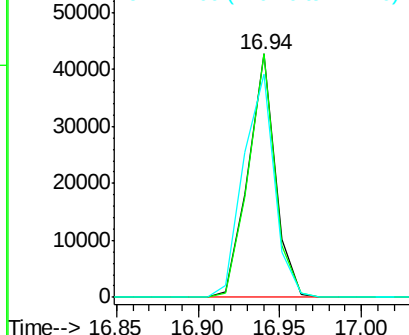
#66
4-Bromophenyl-phenylether
Concen: 40.89 ng
RT: 16.94 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 49816
Ion Ratio Lower Upper
248 100
250 100.1 77.1 115.7
141 91.6 88.2 132.4

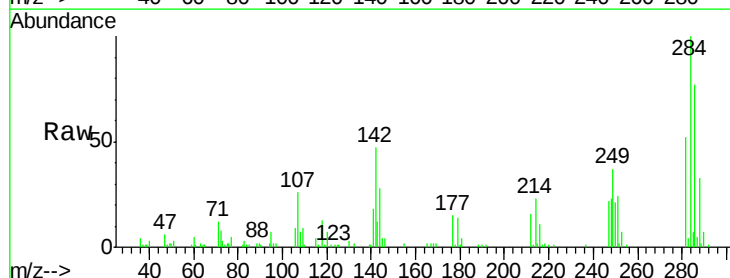


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

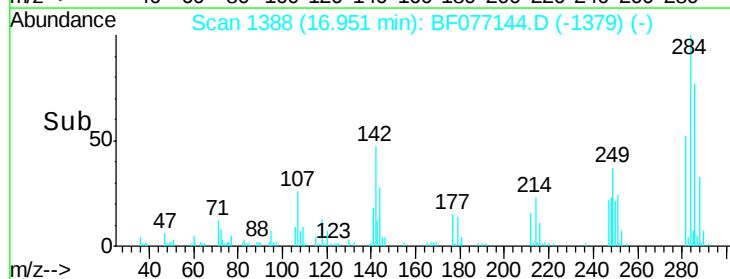
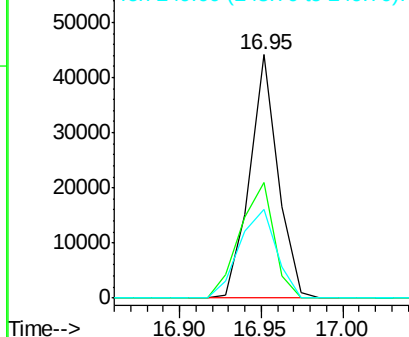


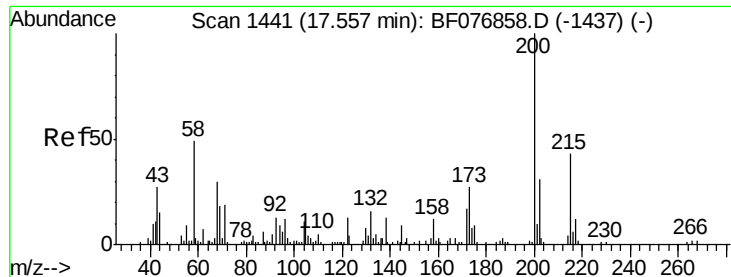
#67
Hexachlorobenzene
Concen: 41.33 ng
RT: 16.95 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:284 Resp: 53070
Ion Ratio Lower Upper
284 100
142 47.4 38.2 57.4
249 36.6 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

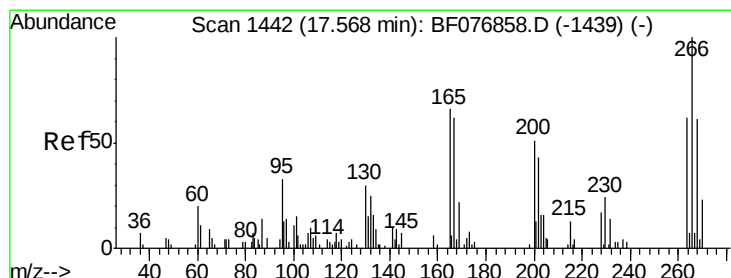
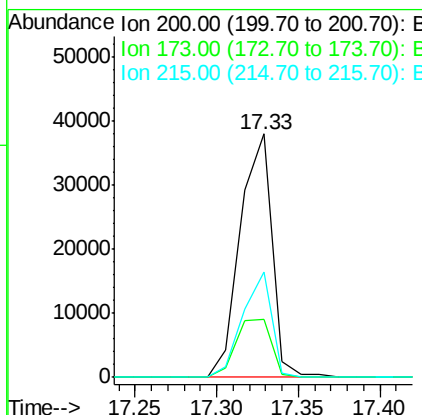
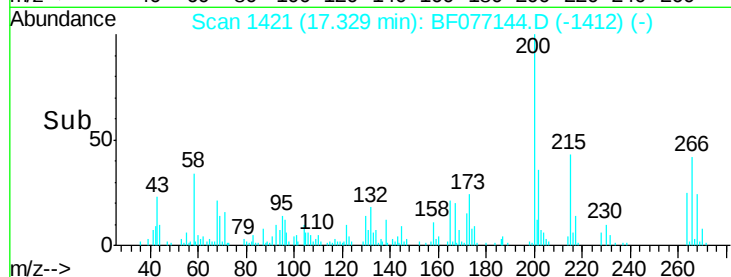
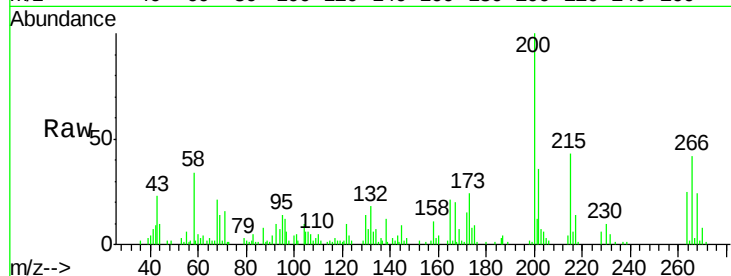




#68
Atrazine
Concen: 39.41 ng
RT: 17.33 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

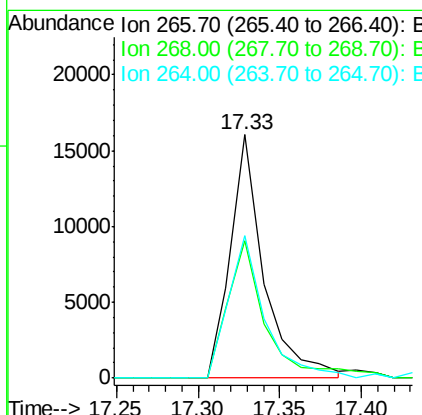
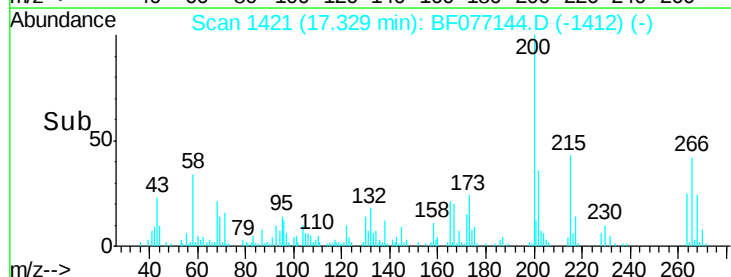
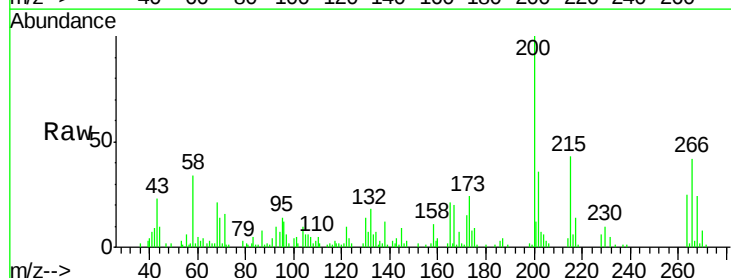
Instrument :
BNA_F
ClientSampled :

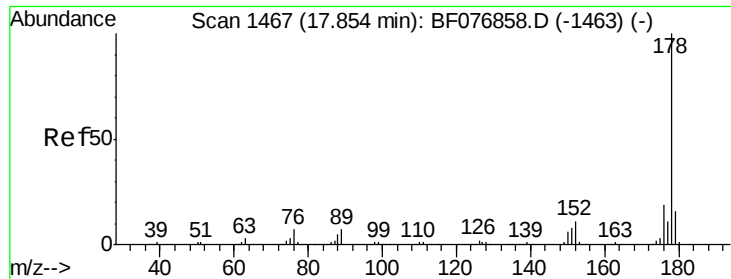
Tot Ion:200 Resp: 51279
Ion Ratio Lower Upper
200 100
173 24.0 6.6 46.6
215 43.2 22.9 62.9



#69
Pentachlorophenol
Concen: 42.43 ng
RT: 17.33 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:266 Resp: 22895
Ion Ratio Lower Upper
266 100
268 56.2 48.6 72.8
264 58.5 49.5 74.3

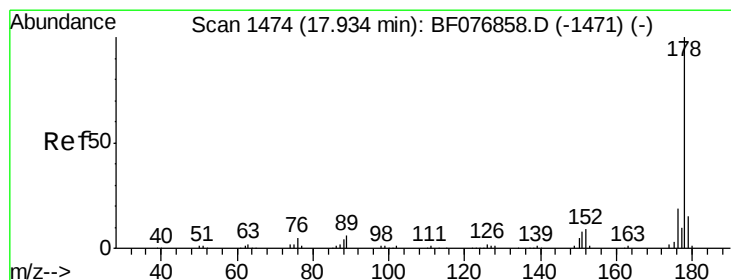
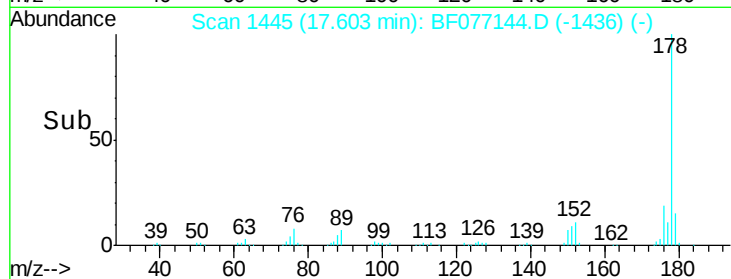
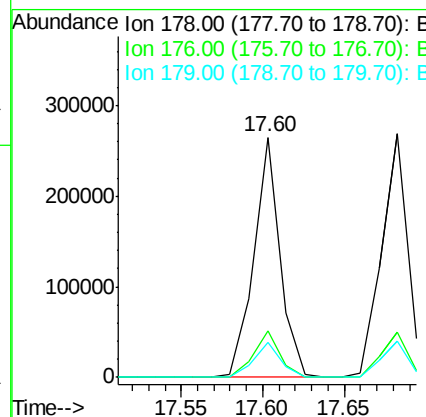
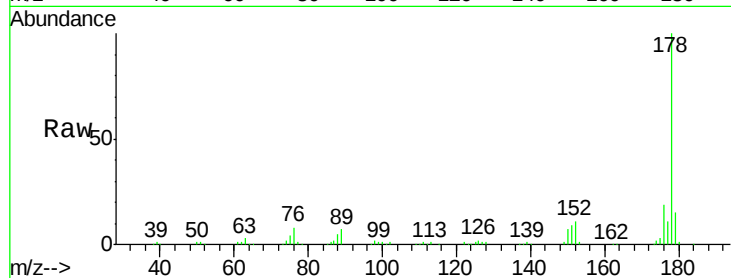




#70
 Phenanthrene
 Concen: 39.37 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

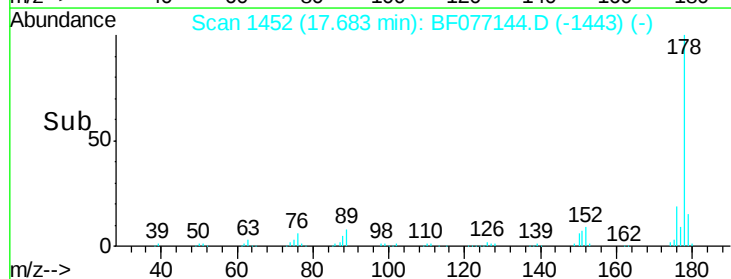
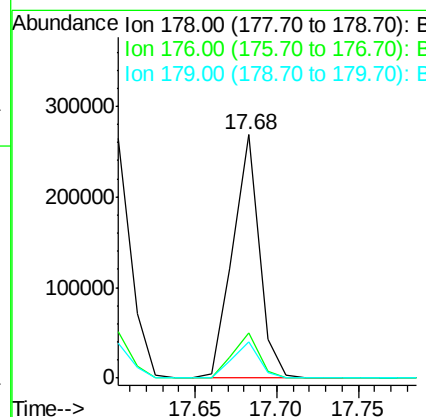
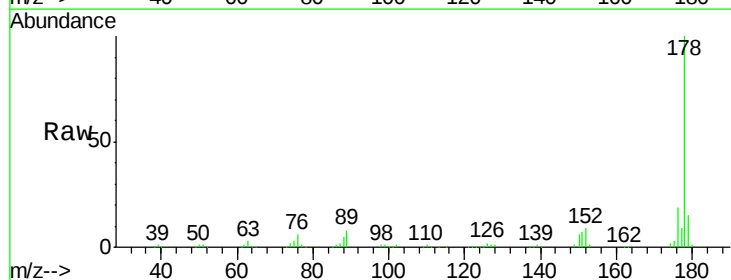
Instrument :
 BNA_F
 ClientSampleId :

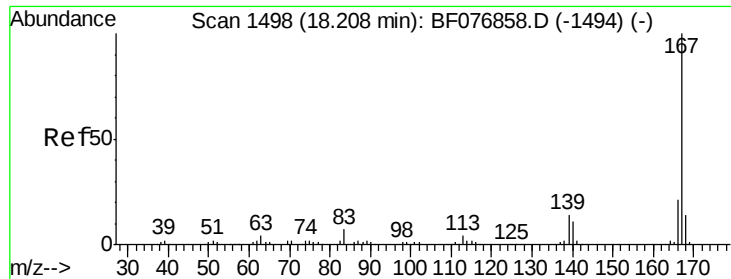
Tot Ion:178 Resp: 295314
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 14.8 12.7 19.1



#71
 Anthracene
 Concen: 41.36 ng
 RT: 17.68 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion:178 Resp: 302524
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 14.8 11.9 17.9





#72

Carbazole

Concen: 41.12 ng

RT: 17.97 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampled :

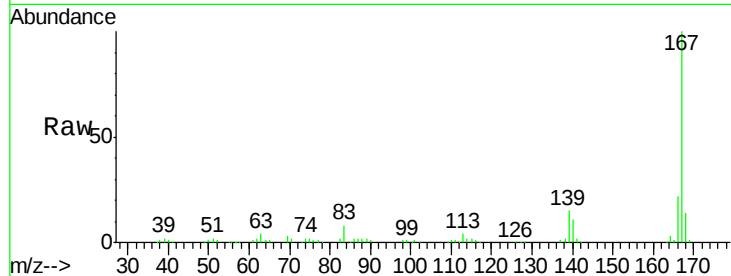
Tot Ion:167 Resp: 291659

Ion Ratio Lower Upper

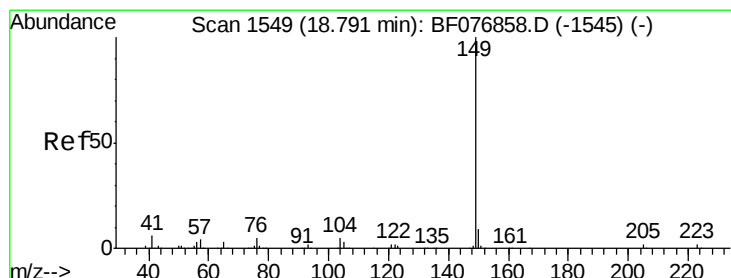
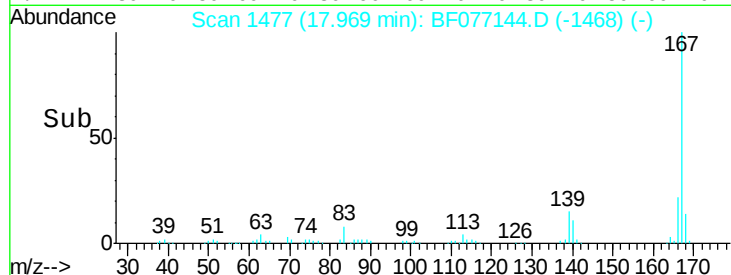
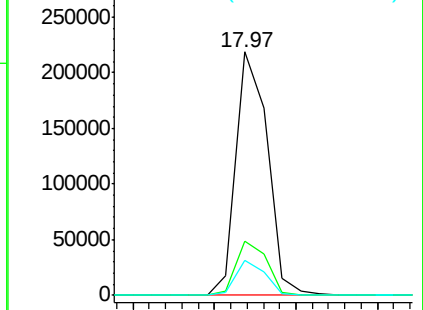
167 100

166 22.2 17.0 25.6

139 14.5 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: 40.96 ng

RT: 18.57 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

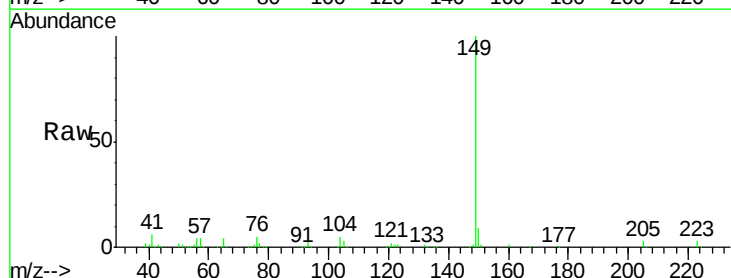
Tgt Ion:149 Resp: 336300

Ion Ratio Lower Upper

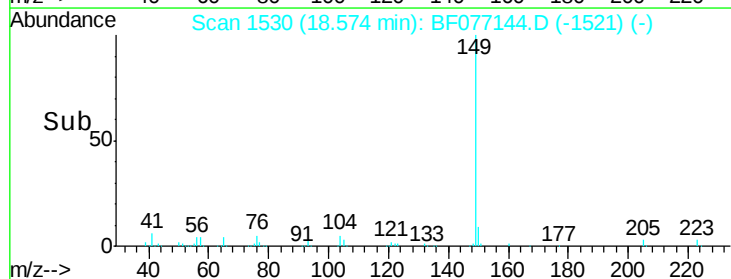
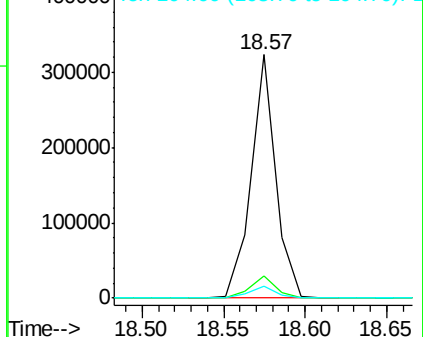
149 100

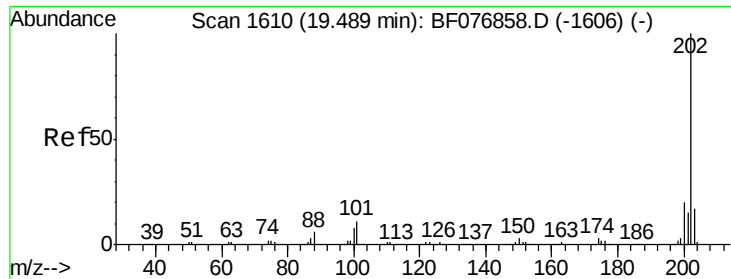
150 9.3 6.9 10.3

104 5.0 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

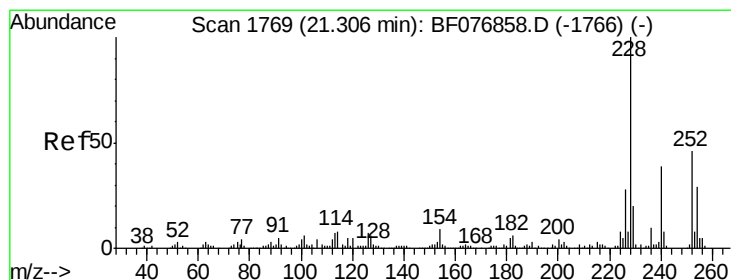
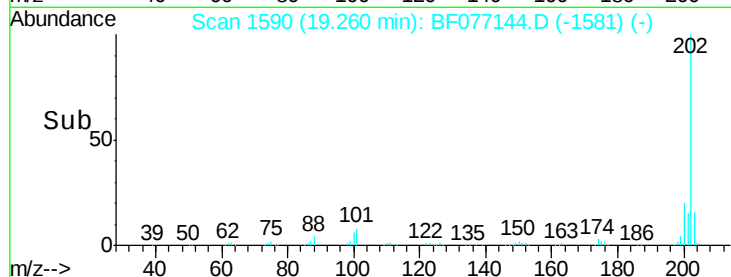
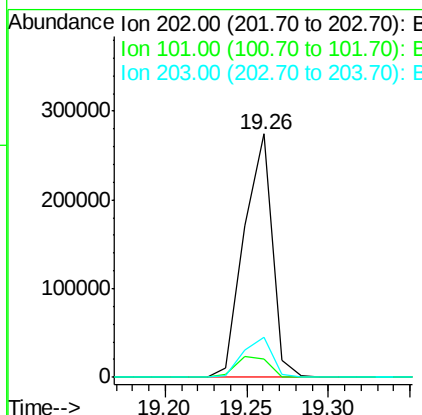
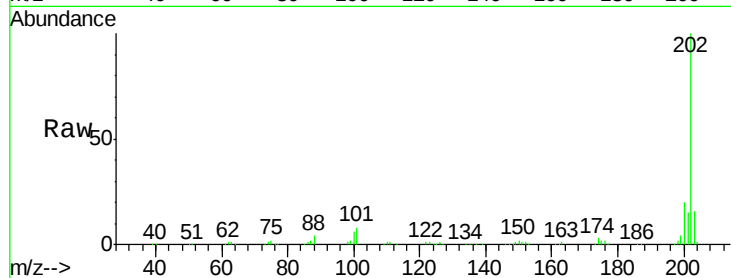




#74
 Fluoranthene
 Concen: 42.64 ng
 RT: 19.26 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

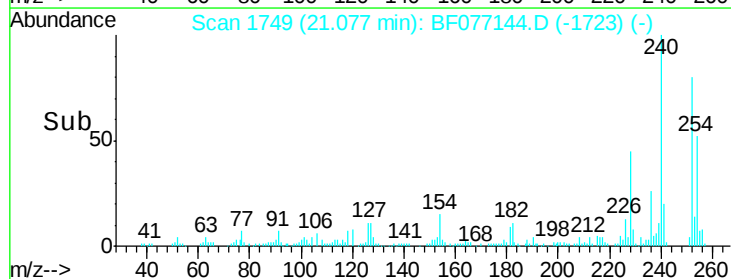
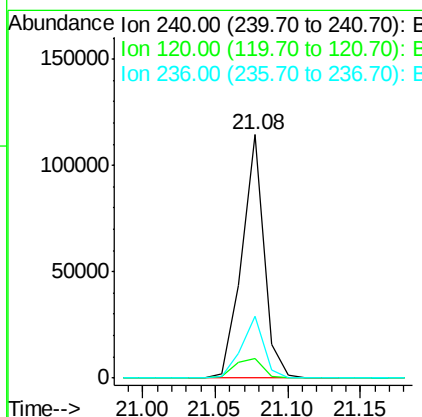
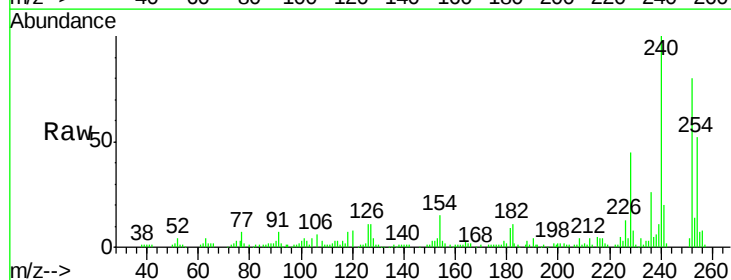
Instrument :
 BNA_F
 ClientSampleId :

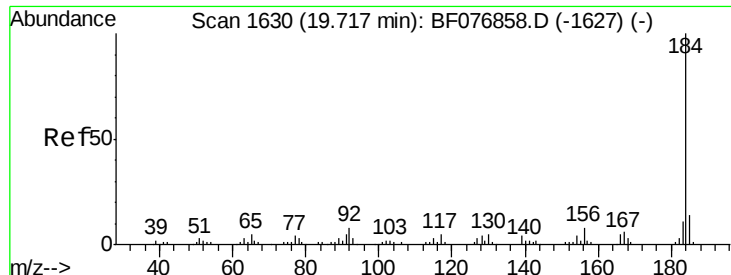
Tot Ion:202 Resp: 327718
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 30.7
 203 16.5 0.0 36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BF077144.D
 Acq: 30 Jan 2015 6:03

Tgt Ion:240 Resp: 121868
 Ion Ratio Lower Upper
 240 100
 120 8.3 10.4 15.6#
 236 25.5 20.2 30.2

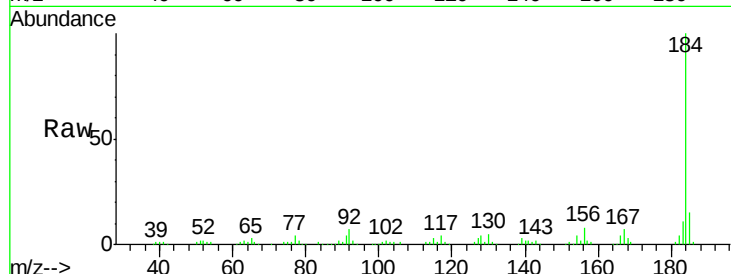




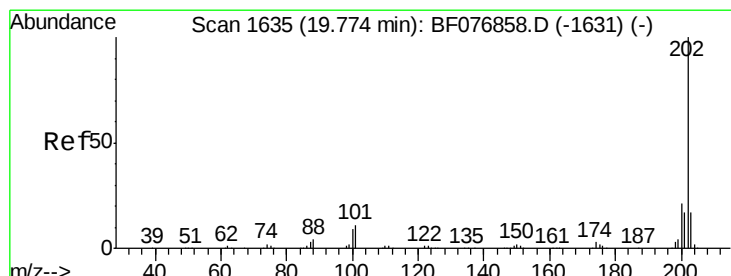
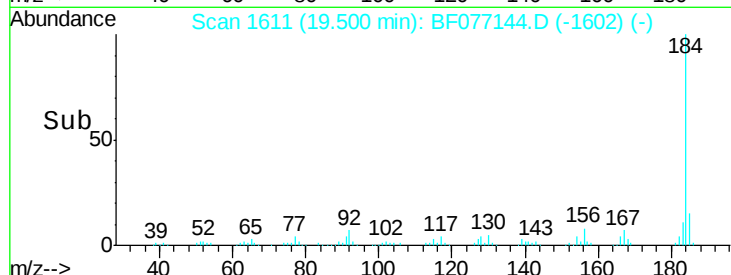
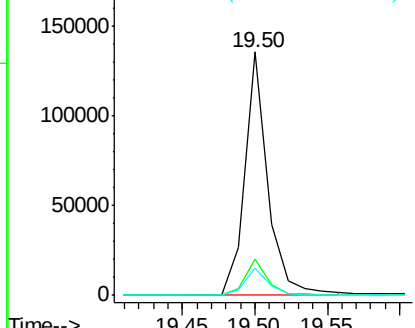
#76
Benzidine
Concen: 38.35 ng
RT: 19.50 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 149542
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 11.4 9.0 13.6

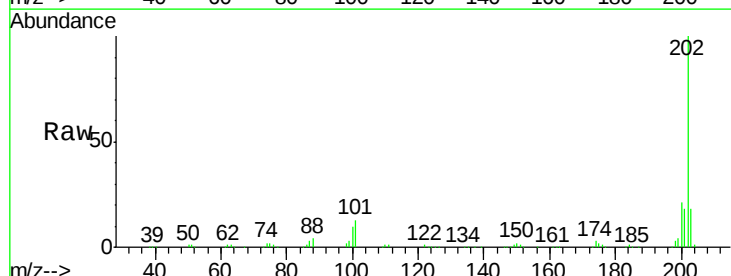


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

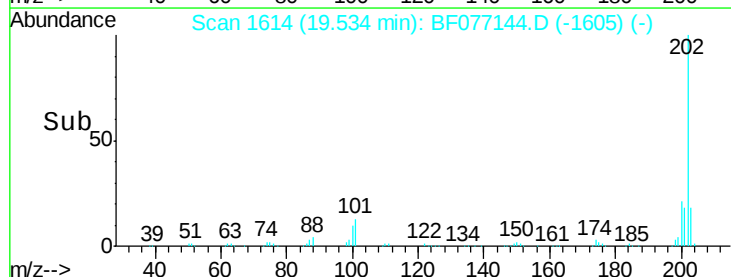
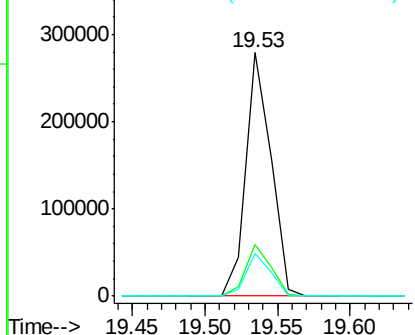


#77
Pyrene
Concen: 40.12 ng
RT: 19.53 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:202 Resp: 335062
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.60 ng

RT: 19.81 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

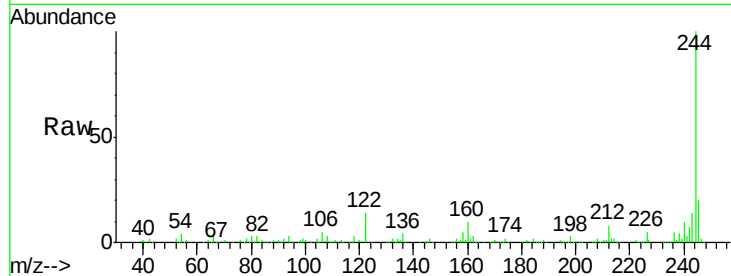
Tot Ion:244 Resp: 426685

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

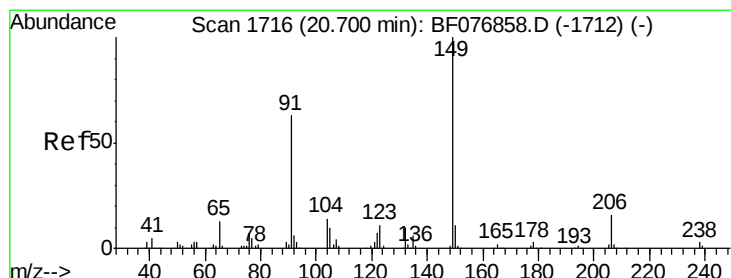
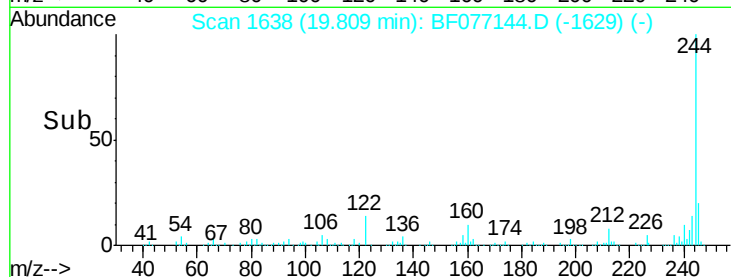
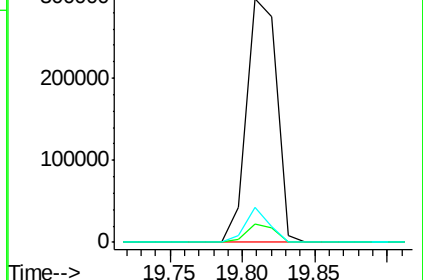
122 14.4 10.1 15.1



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: 41.97 ng

RT: 20.48 min Scan# 1697

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

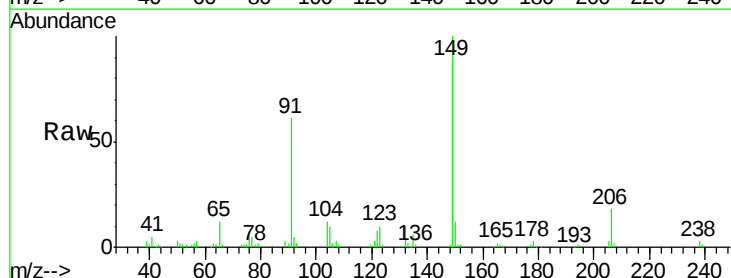
Tgt Ion:149 Resp: 158745

Ion Ratio Lower Upper

149 100

91 60.5 50.6 76.0

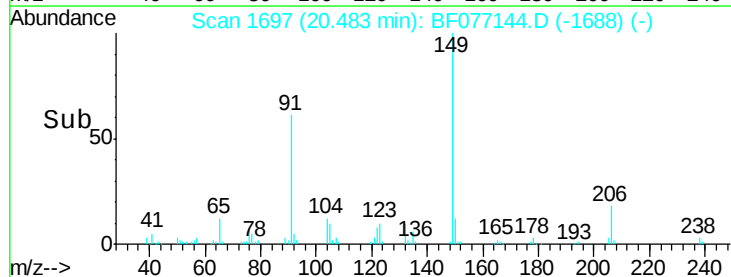
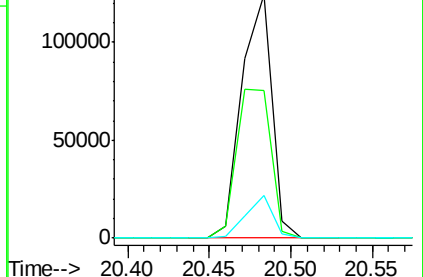
206 17.8 12.8 19.2

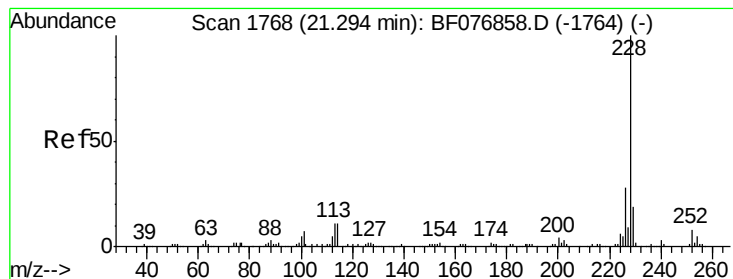


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.00 ng

RT: 21.07 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

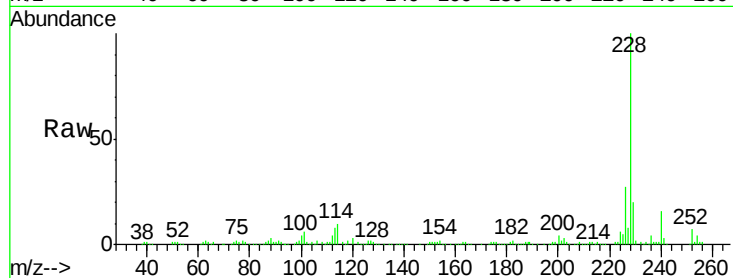
Tot Ion:228 Resp: 313513

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

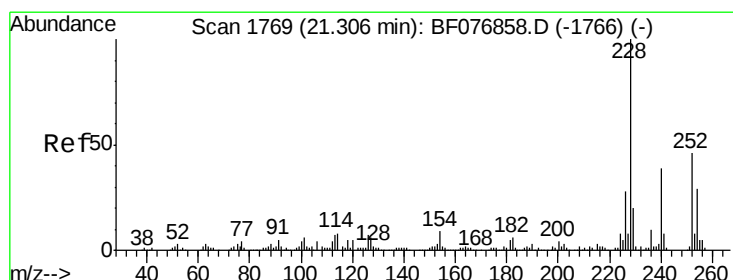
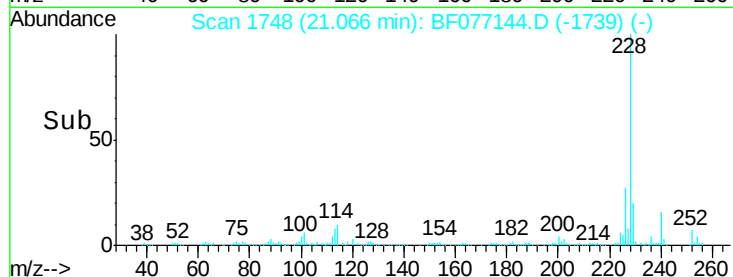
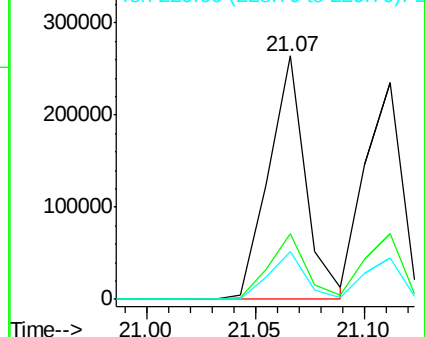
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.72 ng

RT: 21.08 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

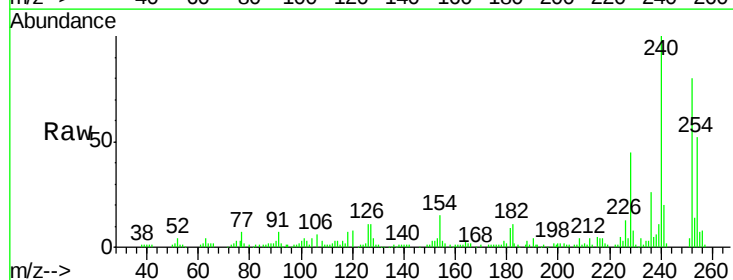
Tgt Ion:252 Resp: 101375

Ion Ratio Lower Upper

252 100

254 65.2 50.2 75.4

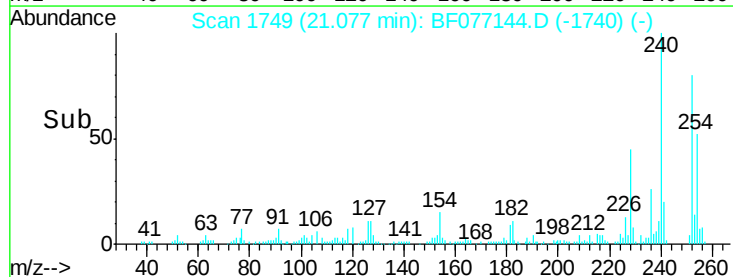
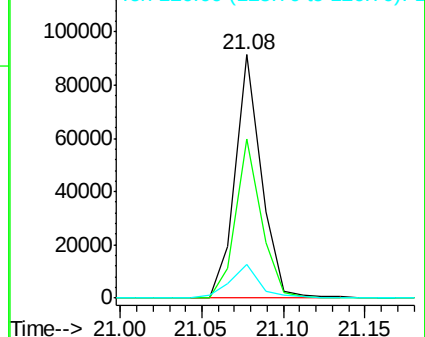
126 14.0 11.5 17.3

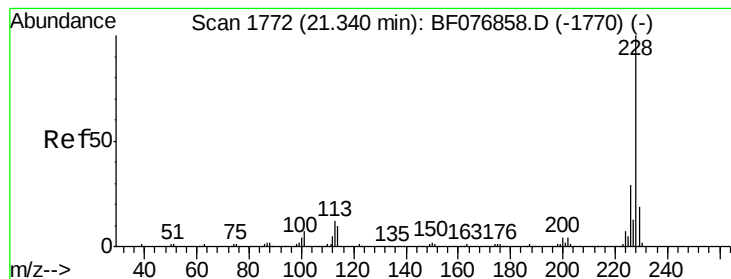


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.83 ng

RT: 21.11 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

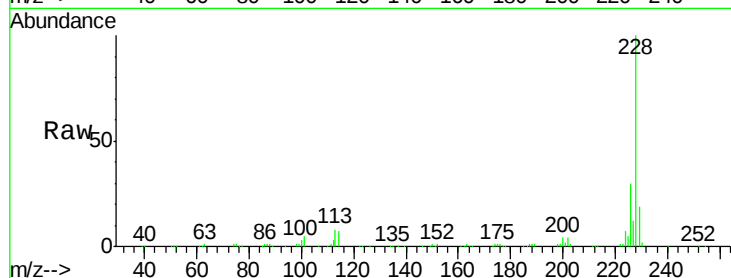
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 277757

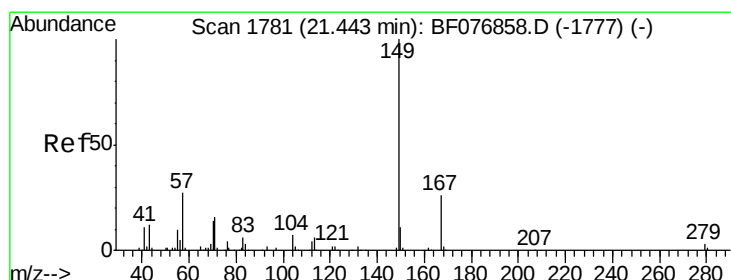
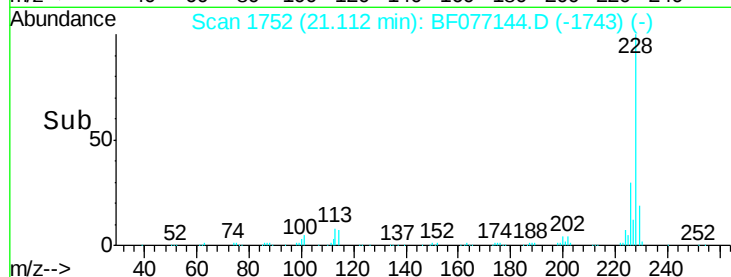
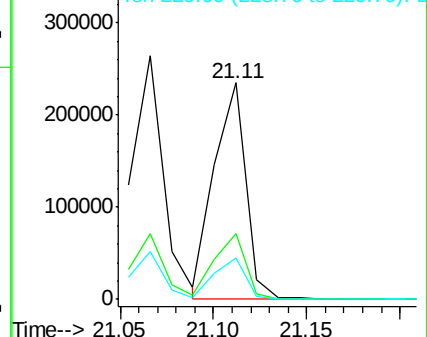
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.1	15.4	23.0



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: 41.69 ng

RT: 21.23 min Scan# 1762

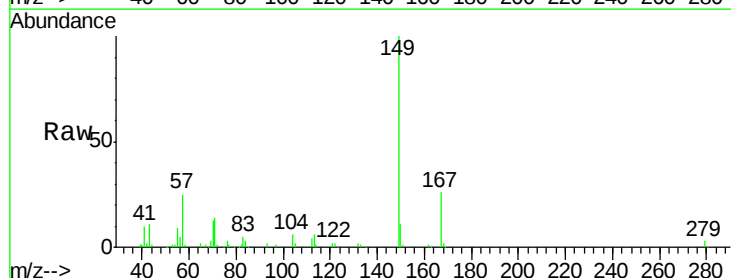
Delta R.T. 0.00 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Tgt Ion:149 Resp: 218183

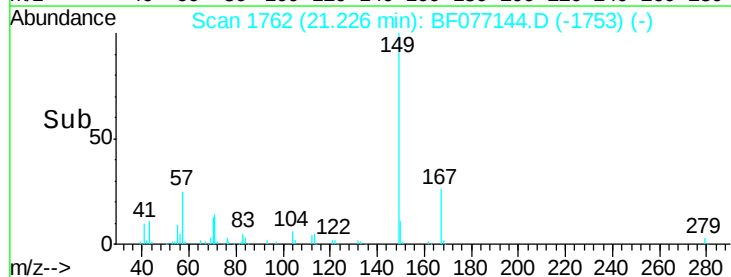
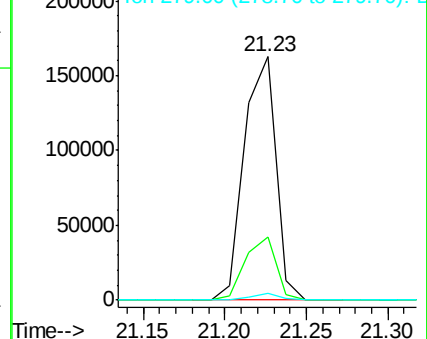
Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.6	30.8
279	3.0	2.2	3.2

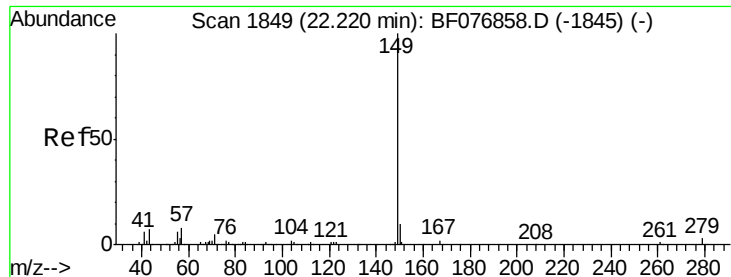


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

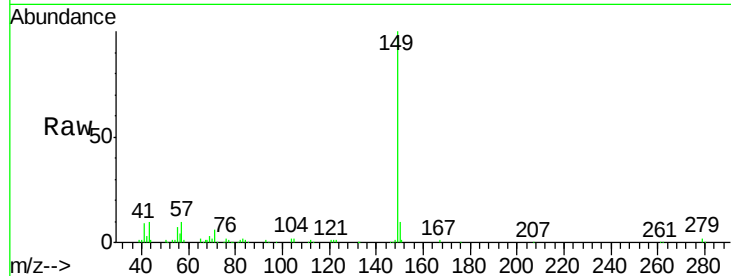




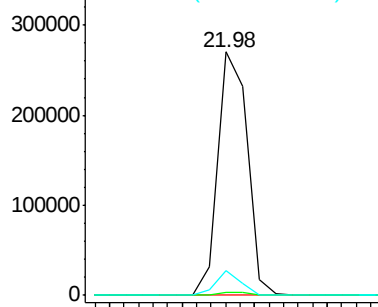
#84
Di-n-octyl phthalate
Concen: 41.97 ng
RT: 21.98 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Instrument :
BNA_F
ClientSampleId :

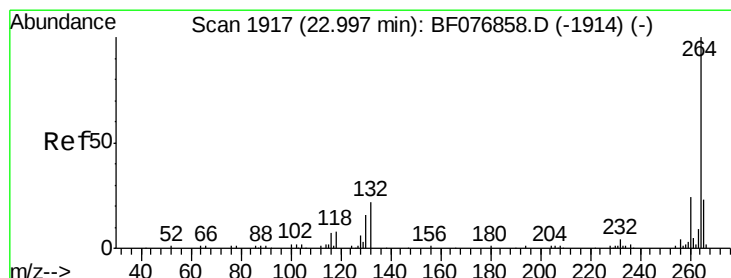
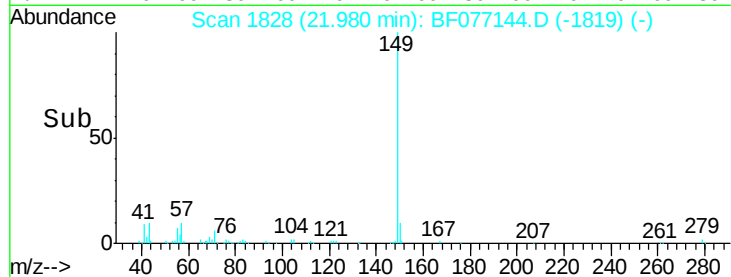
Tot Ion:149 Resp: 381198
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.8 6.6 10.0



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

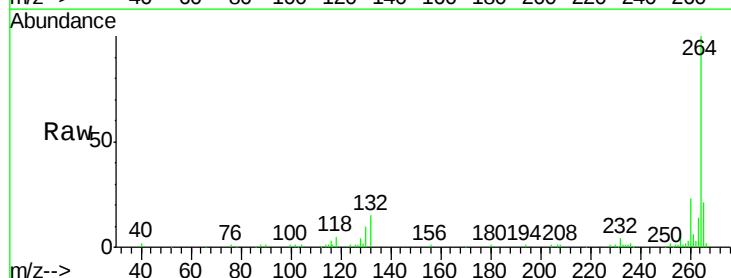


Time--> 21.90 21.95 22.00 22.05

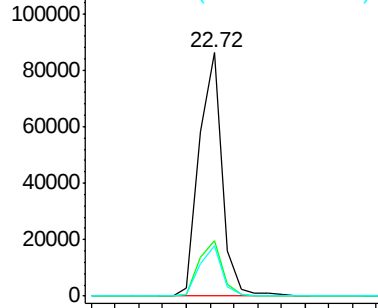


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.72 min Scan# 1893
Delta R.T. 0.02 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

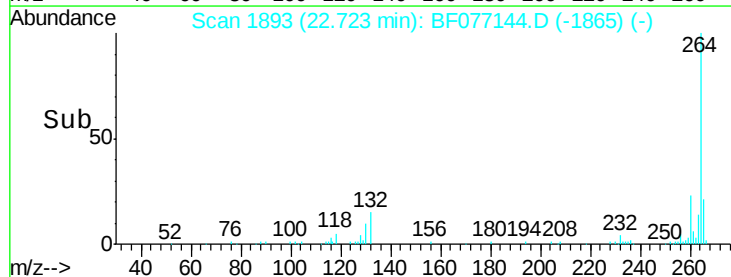
Tgt Ion:264 Resp: 115055
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 20.7 18.1 27.1

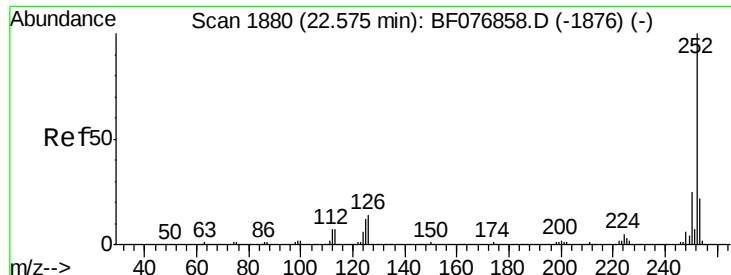


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 22.70 22.80

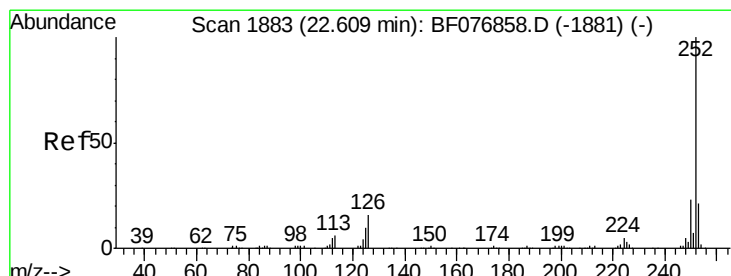
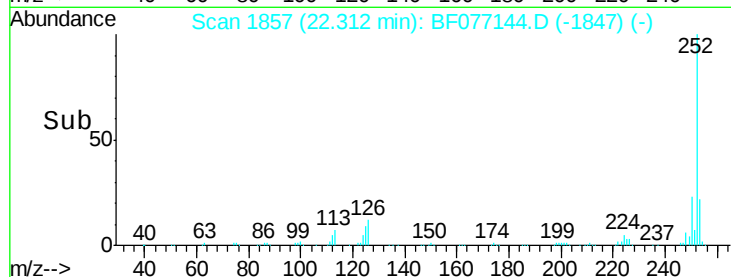
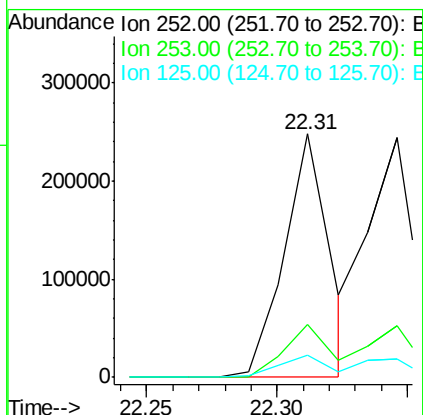
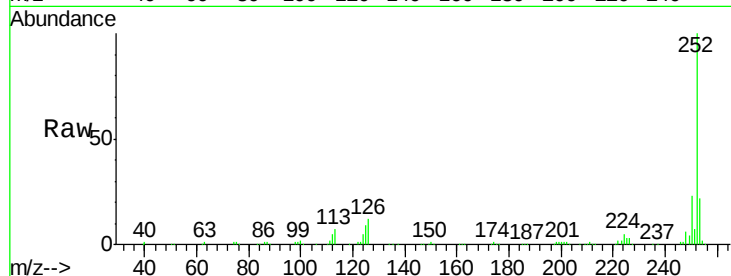




#87
Benzo(b)fluoranthene
Concen: 38.29 ng
RT: 22.31 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

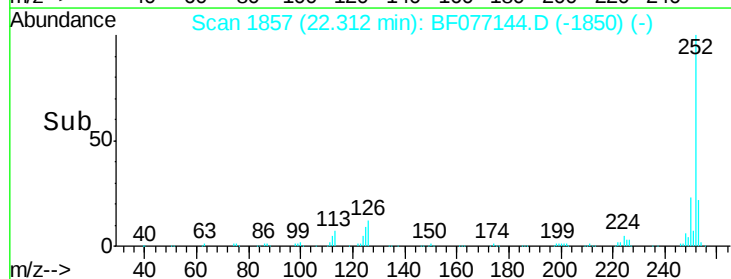
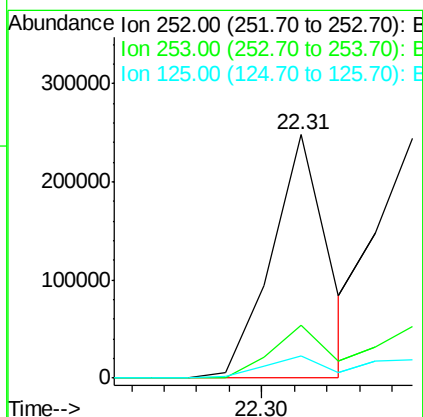
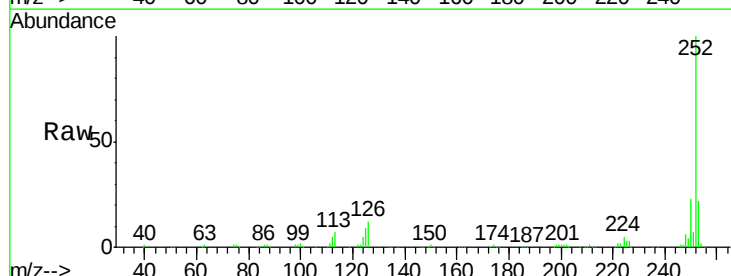
Instrument :
BNA_F
ClientSampleId :

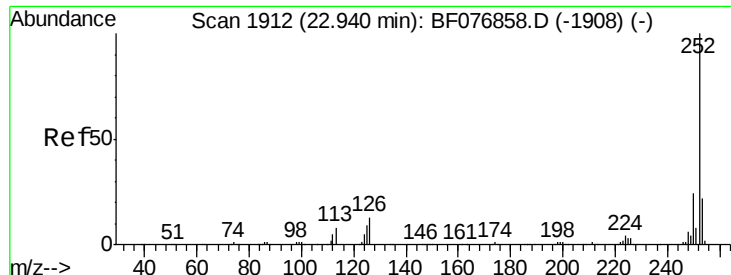
Tot Ion:252 Resp: 296746
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.3 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 43.84 ng
RT: 22.31 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:252 Resp: 296832
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.3 7.1 10.7

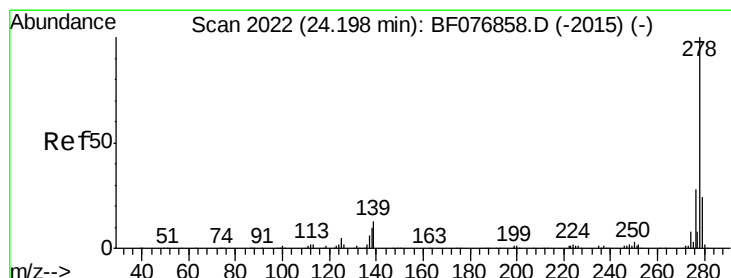
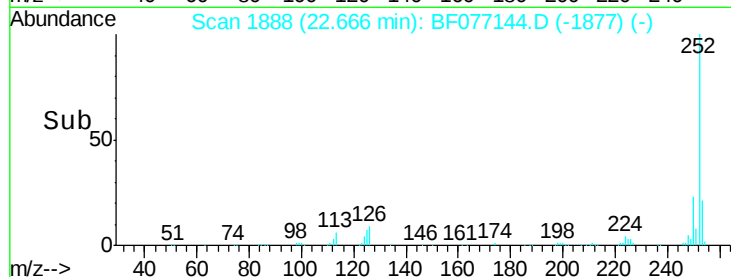
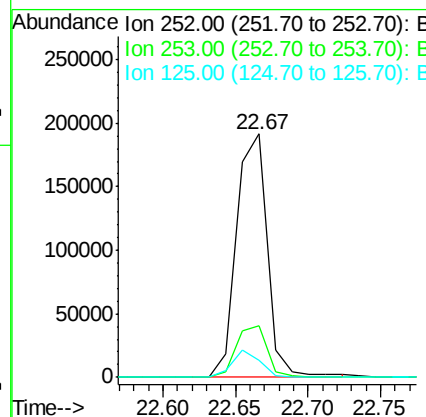
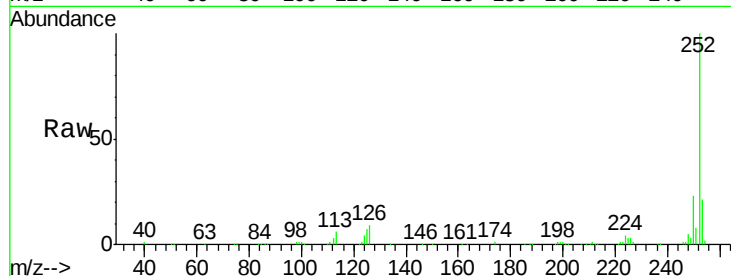




#89
Benzo(a)pyrene
Concen: 41.39 ng
RT: 22.67 min Scan# 1888
Delta R.T. 0.02 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

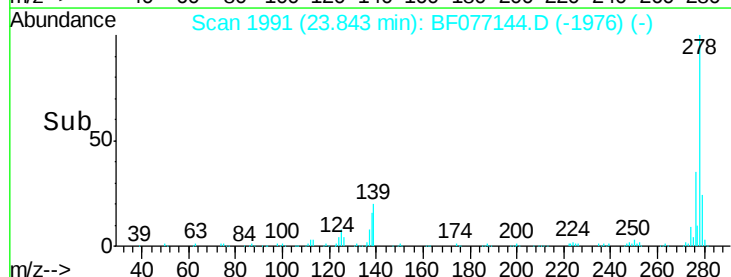
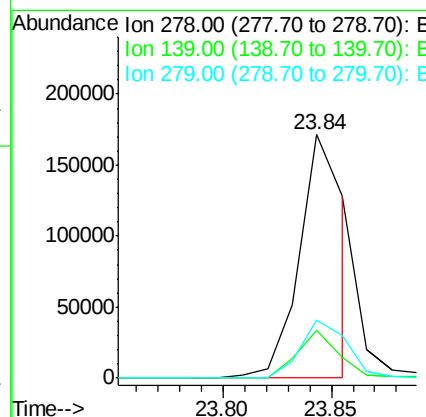
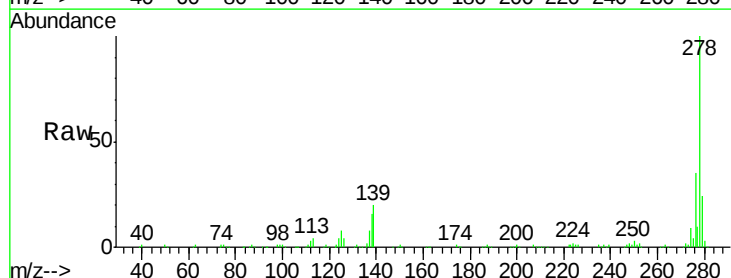
Instrument :
BNA_F
ClientSampleId :

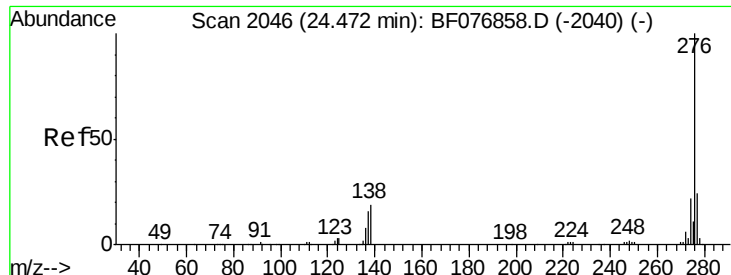
Tot Ion:252 Resp: 282932
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 7.2 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 39.39 ng
RT: 23.84 min Scan# 1991
Delta R.T. 0.07 min
Lab File: BF077144.D
Acq: 30 Jan 2015 6:03

Tgt Ion:278 Resp: 247064
Ion Ratio Lower Upper
278 100
139 19.6 10.5 15.7#
279 24.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 41.57 ng

RT: 24.09 min Scan# 2013

Delta R.T. 0.07 min

Lab File: BF077144.D

Acq: 30 Jan 2015 6:03

Instrument :

BNA_F

ClientSampleId :

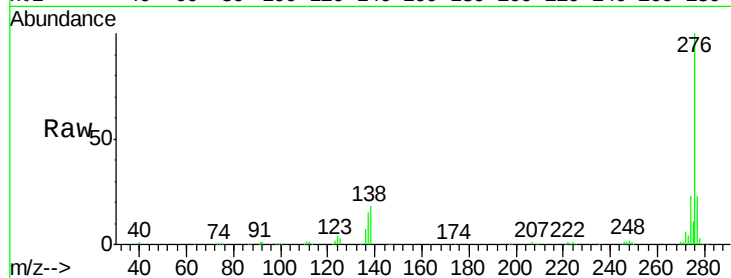
Tot Ion:276 Resp: 259200

Ion Ratio Lower Upper

276 100

277 23.1 19.5 29.3

138 18.1 15.0 22.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

