

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
 Data File : BF076709.D
 Acq On : 31 Dec 2014 18:53
 Operator : IZ / TP
 Sample : PB81132BS
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

Quant Time: Jan 01 01:05:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 31 23:59:08 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	39571	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	156516	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	88544	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	152024	20.00	ng	-0.01
75) Chrysene-d12	15.49	240	147261	20.00	ng	-0.01
86) Perylene-d12	17.17	264	136057	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	296466	127.01	ng	0.00
7) Phenol-d6	6.32	99	369708	129.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	227845	86.58	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	102695	137.23	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	462963	81.37	ng	-0.01
78) Terphenyl-d14	14.24	244	527476	79.01	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.41	88	28531	28.60	ng	# 100
3) Pyridine	1.92	79	88369	35.18	ng	# 71
4) n-Nitrosodimethylamine	1.88	42	44274	36.44	ng	98
6) Aniline	6.30	93	80244	19.71	ng	# 82
8) 2-Chlorophenol	6.45	128	106790	39.95	ng	96
10) Phenol	6.33	94	124813	36.07	ng	89
11) bis(2-Chloroethyl)ether	6.42	93	106424	42.73	ng	99
12) 1,3-Dichlorobenzene	6.63	146	114778	36.99	ng	# 93
13) 1,4-Dichlorobenzene	6.74	146	119067	37.88	ng	97
14) 1,2-Dichlorobenzene	6.93	146	116255	39.00	ng	98
15) Benzyl Alcohol	6.93	79	96752	39.19	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	143042	39.65	ng	98
17) 2-Methylphenol	7.10	107	87784	39.96	ng	96
18) Hexachloroethane	7.34	117	46119	41.06	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	79670	38.27	ng	100
20) 3+4-Methylphenols	7.29	107	116558	39.30	ng	96
22) Acetophenone	7.25	105	172010	45.85	ng	# 97
24) Nitrobenzene	7.45	77	131383	48.15	ng	95
25) Isophorone	7.76	82	230752	45.49	ng	96
26) 2-Nitrophenol	7.84	139	56691	42.54	ng	# 67
27) 2,4-Dimethylphenol	7.94	122	95827	44.43	ng	93
28) bis(2-Chloroethoxy)methane	8.06	93	140531	47.20	ng	98
29) 2,4-Dichlorophenol	8.15	162	95874	45.22	ng	94
30) 1,2,4-Trichlorobenzene	8.24	180	97378	42.61	ng	# 96
31) Naphthalene	8.33	128	328069	42.31	ng	97
32) Benzoic acid	8.08	122	57279	44.52	ng	87
33) 4-Chloroaniline	8.42	127	72678	22.96	ng	98
34) Hexachlorobutadiene	8.49	225	58570	44.08	ng	94
35) Caprolactam	8.85	113	27432	44.88	ng	# 88
36) 4-Chloro-3-methylphenol	9.05	107	102587	43.48	ng	93
37) 2-Methylnaphthalene	9.18	142	221623	40.97	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	93640	42.99	ng	# 77
40) Hexachlorocyclopentadiene	9.37	237	96691	76.96	ng	92
42) 2,4,6-Trichlorophenol	9.54	196	64831	41.03	ng	99

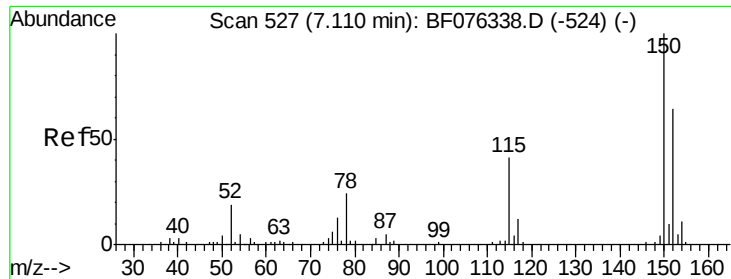
Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.59	196	65185	38.34	nq	# 87
45) 1,1'-Biphenyl	9.76	154	289517	44.01	nq	98
46) 2-Chloronaphthalene	9.77	162	227258	43.56	nq	98
47) 2-Nitroaniline	9.92	65	73914	46.57	nq	# 77
48) Acenaphthylene	10.28	152	381082	42.95	nq	100
49) Dimethylphthalate	10.17	163	291650	46.56	nq	99
50) 2,6-Dinitrotoluene	10.23	165	57593	44.88	nq	# 46
51) Acenaphthene	10.49	154	210148	41.86	nq	97
52) 3-Nitroaniline	10.42	138	43297	29.71	nq	93
53) 2,4-Dinitrophenol	10.56	184	53689	74.72	nq	# 79
54) Dibenzofuran	10.70	168	306875	42.26	nq	97
55) 4-Nitrophenol	10.68	139	101638	90.97	nq	# 63
56) 2,4-Dinitrotoluene	10.72	165	86555	50.61	nq	# 83
57) Fluorene	11.12	166	278401	45.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	57830	45.74	nq	# 100
59) Diethylphthalate	11.04	149	301148	47.07	nq	97
60) 4-Chlorophenyl-phenylether	11.14	204	125649	47.60	nq	91
61) 4-Nitroaniline	11.17	138	59457	38.82	nq	91
62) Azobenzene	11.34	77	289341	45.90	nq	97
64) 4,6-Dinitro-2-methylphenol	11.21	198	39990	42.05	nq	84
65) n-Nitrosodiphenylamine	11.29	169	229524	42.98	nq	95
66) 4-Bromophenyl-phenylether	11.74	248	70253	47.44	nq	# 84
67) Hexachlorobenzene	11.78	284	77583	44.89	nq	93
68) Atrazine	11.98	200	80095	50.19	nq	98
69) Pentachlorophenol	12.04	266	81961	96.87	nq	97
70) Phenanthrene	12.29	178	406401	44.31	nq	99
71) Anthracene	12.34	178	404805	44.98	nq	100
72) Carbazole	12.56	167	365634	41.89	nq	97
73) Di-n-butylphthalate	13.04	149	516327	48.16	nq	100
74) Fluoranthene	13.74	202	421555	45.01	nq	97
76) Benzidine	13.93	184	172083	28.04	nq	98
77) Pyrene	14.01	202	439599	42.67	nq	99
79) Butylbenzylphthalate	14.87	149	247078	50.17	nq	# 73
80) Benzo(a)anthracene	15.49	228	415585	45.32	nq	99
81) 3,3'-Dichlorobenzidine	15.48	252	87112	28.42	nq	# 96
82) Chrysene	15.52	228	372305	44.37	nq	99
83) Bis(2-ethylhexyl)phthalate	15.60	149	351325	47.15	nq	# 96
84) Di-n-octyl phthalate	16.38	149	613652	48.23	nq	99
85) Indeno(1,2,3-cd)pyrene	18.32	276	432694	46.99	nq	98
87) Benzo(b)fluoranthene	16.75	252	396199	44.14	nq	99
88) Benzo(k)fluoranthene	16.77	252	352680m	42.19	nq	
89) Benzo(a)pyrene	17.10	252	363336	45.36	nq	# 97
90) Dibenzo(a,h)anthracene	18.35	278	354837	44.70	nq	98
91) Benzo(q,h,i)perylene	18.63	276	352265	45.61	nq	97

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

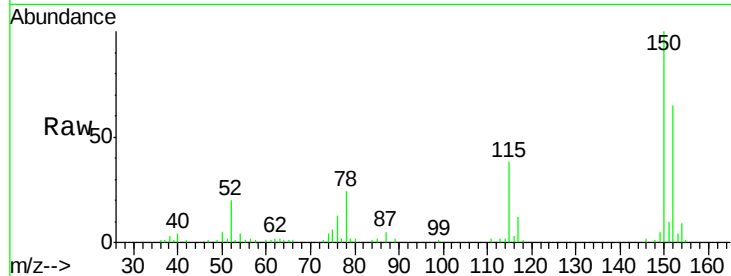


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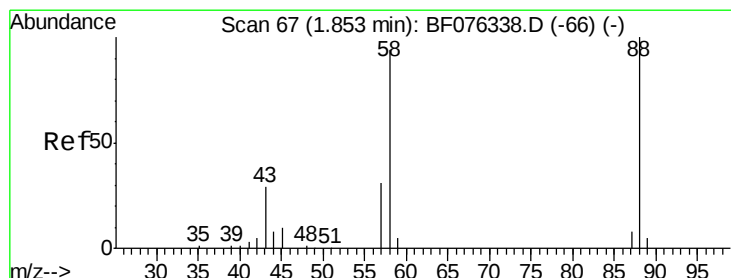
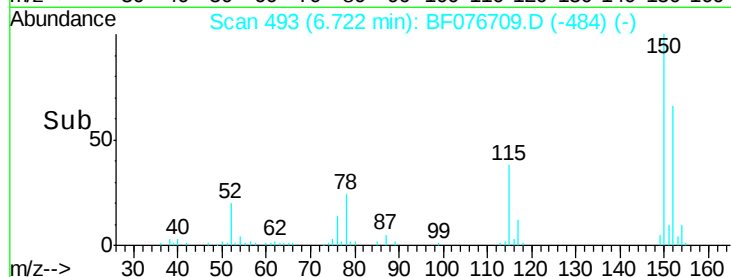
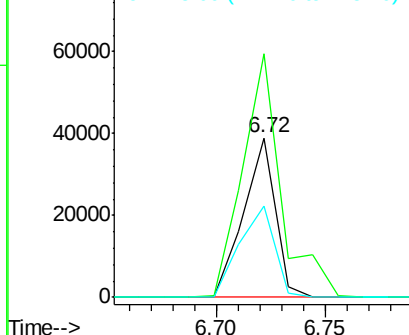
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion:152 Resp: 39571
Ion Ratio Lower Upper
152 100
150 152.8 125.2 187.8
115 57.6 51.4 77.0



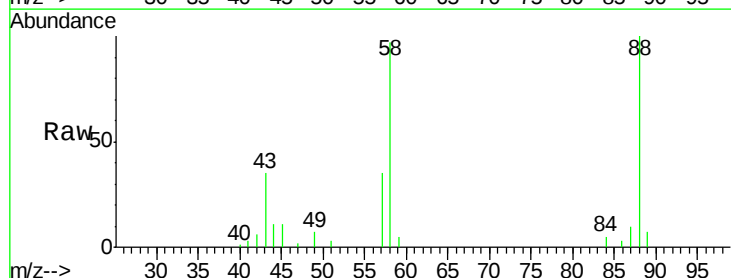
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



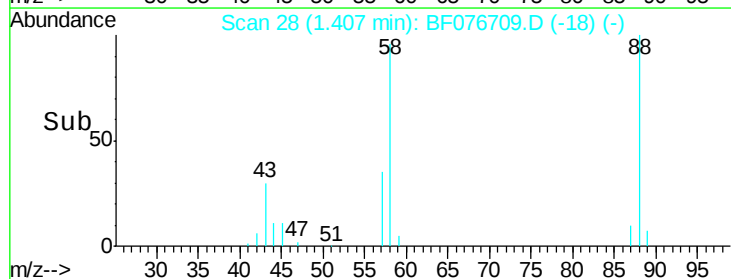
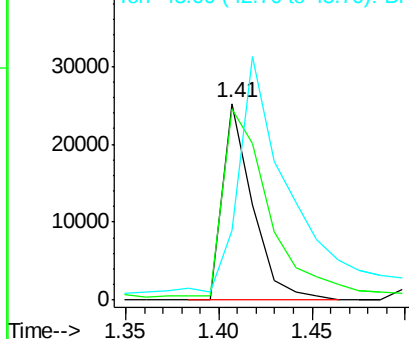
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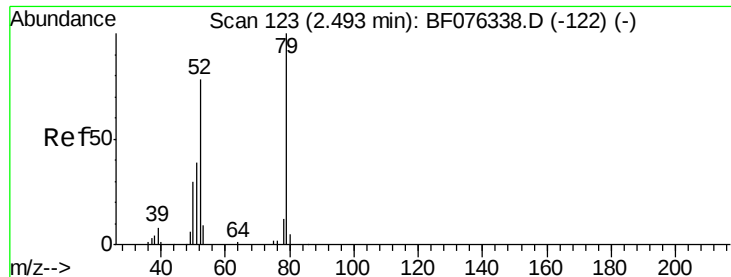
1,4-Dioxane
Concen: 28.60 ng
RT: 1.41 min Scan# 28
Delta R.T. 0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion: 88 Resp: 28531
Ion Ratio Lower Upper
88 100
58 158.9 0.0 0.0#
43 218.7 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.18 ng

RT: 1.92 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

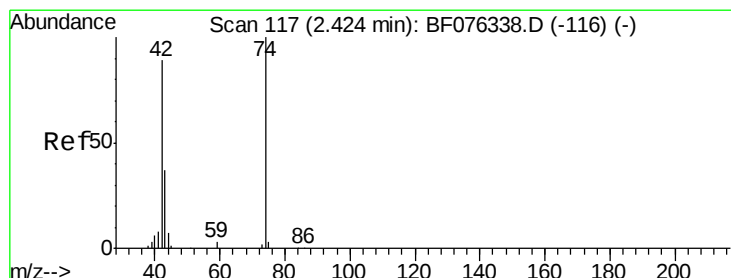
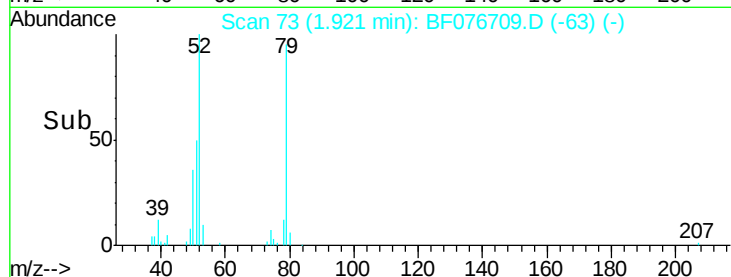
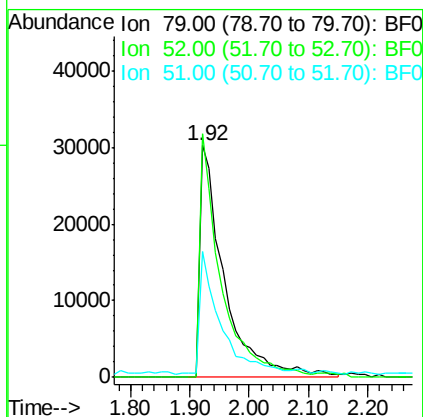
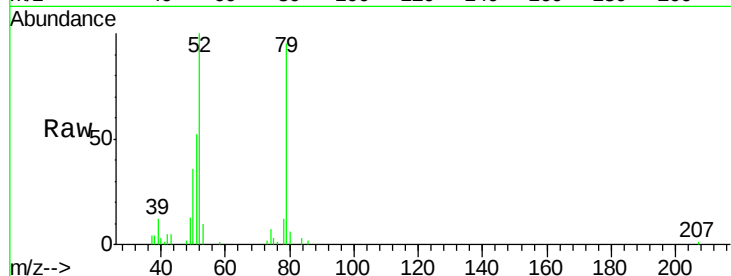
Tot Ion: 79 Resp: 88369

Ion Ratio Lower Upper

79 100

52 105.1 62.2 93.4#

51 54.5 32.1 48.1#



#4

n-Nitrosodimethylamine

Concen: 36.44 ng

RT: 1.88 min Scan# 69

Delta R.T. 0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

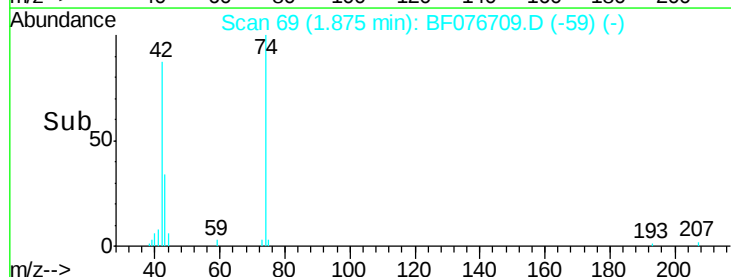
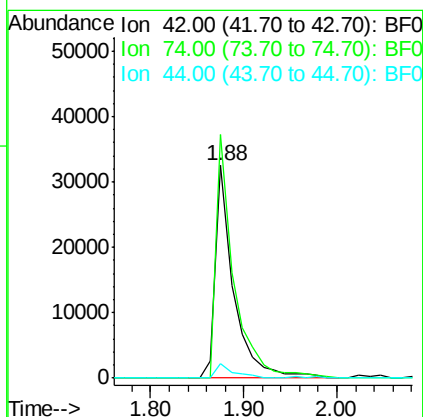
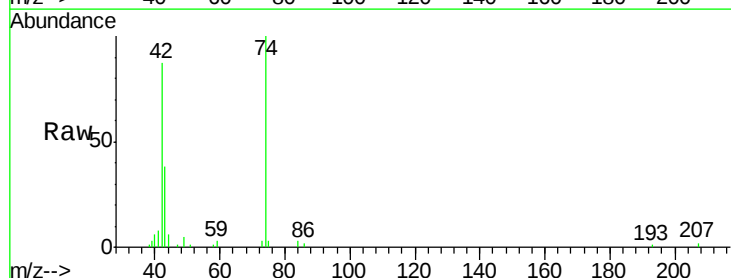
Tgt Ion: 42 Resp: 44274

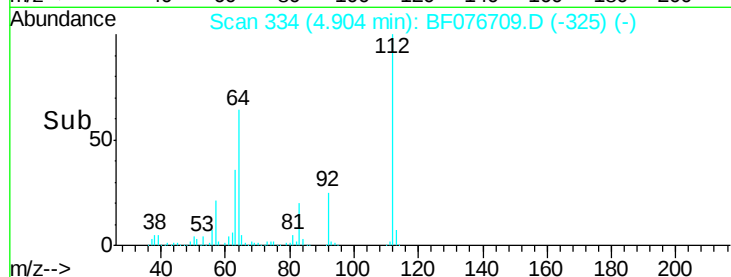
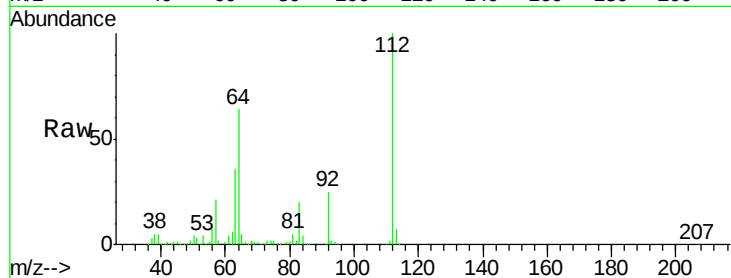
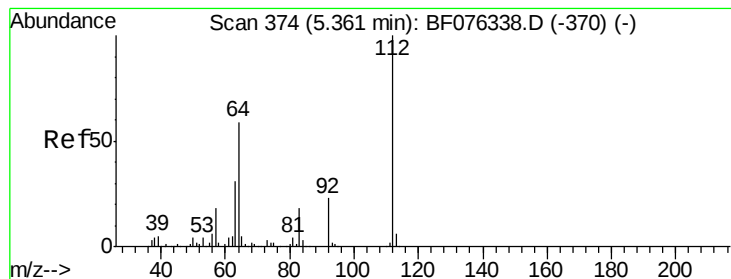
Ion Ratio Lower Upper

42 100

74 114.6 89.9 134.9

44 7.1 6.4 9.6





#5

2-Fluorophenol

Concen: 127.01 ng

RT: 4.90 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

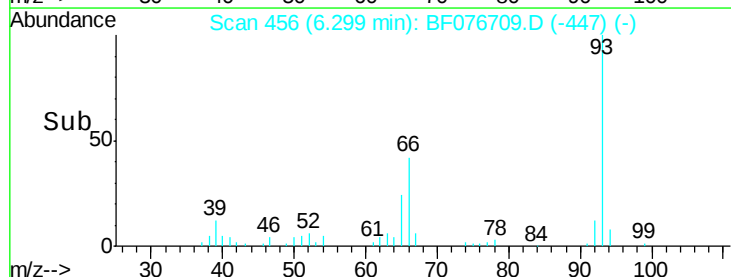
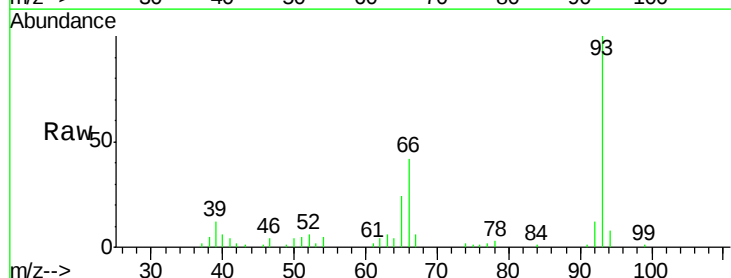
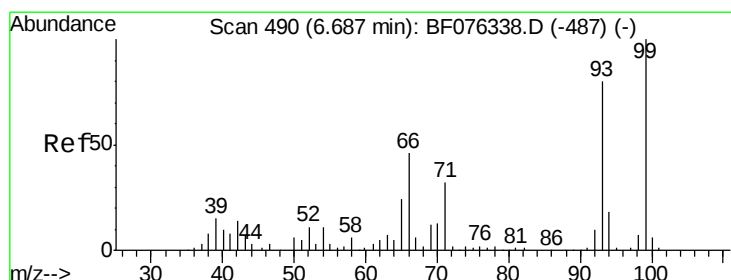
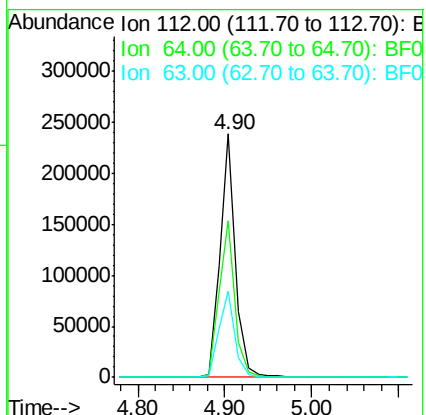
Tot Ion:112 Resp: 296466

Ion Ratio Lower Upper

112 100

64 64.1 47.4 71.0

63 35.5 25.0 37.4



#6

Aniline

Concen: 19.71 ng

RT: 6.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

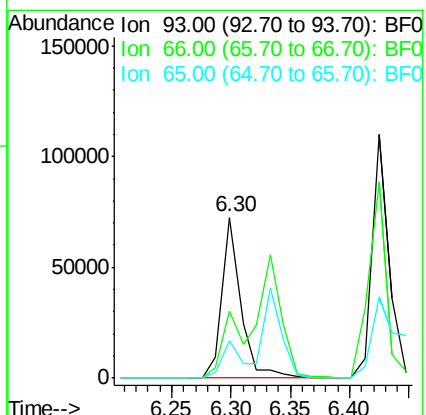
Tgt Ion: 93 Resp: 80244

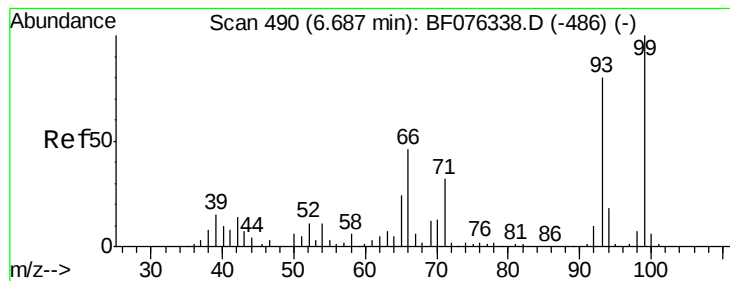
Ion Ratio Lower Upper

93 100

66 41.9 45.7 68.5#

65 23.6 24.3 36.5#





#7

Phenol-d6

Concen: 129.69 ng

RT: 6.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

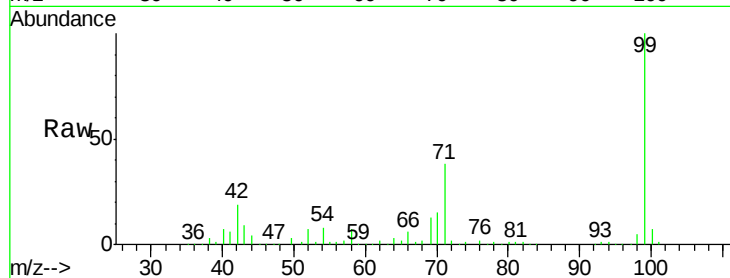
Tot Ion: 99 Resp: 369708

Ion Ratio Lower Upper

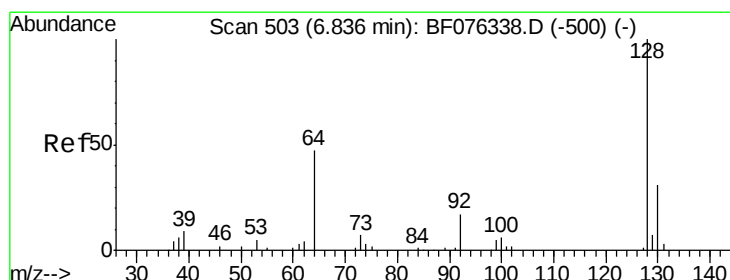
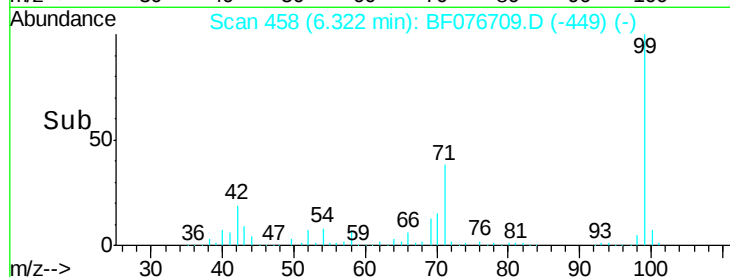
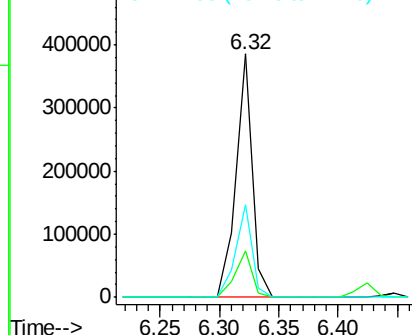
99 100

42 19.0 11.6 17.4#

71 37.9 25.9 38.9



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: 39.95 ng

RT: 6.45 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

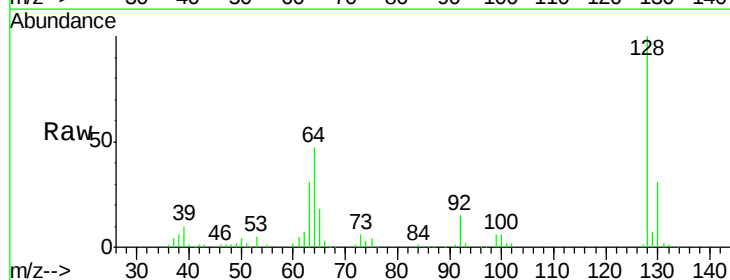
Tgt Ion: 128 Resp: 106790

Ion Ratio Lower Upper

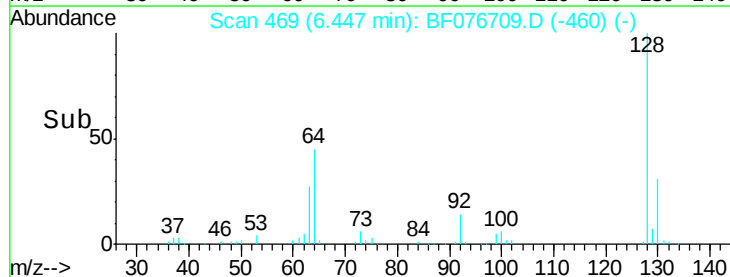
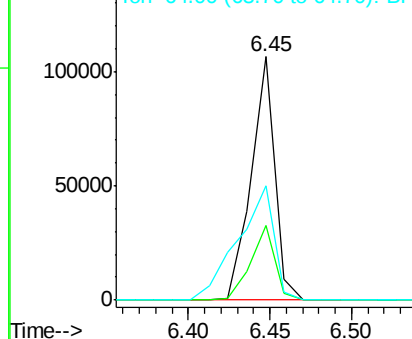
128 100

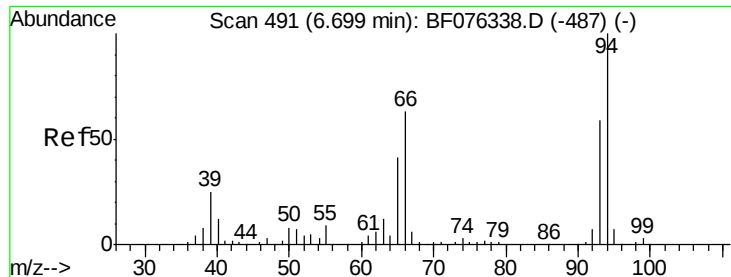
130 30.9 11.3 51.3

64 46.8 31.3 71.3



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





#10

Phenol

Concen: 36.07 ng

RT: 6.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

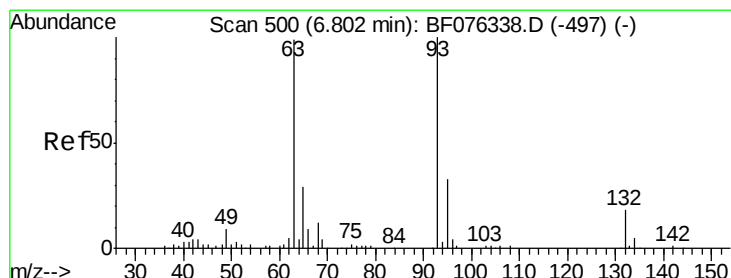
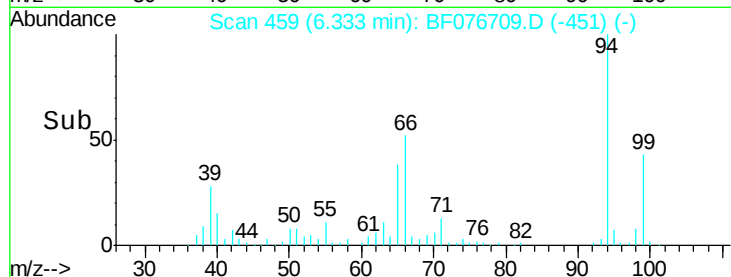
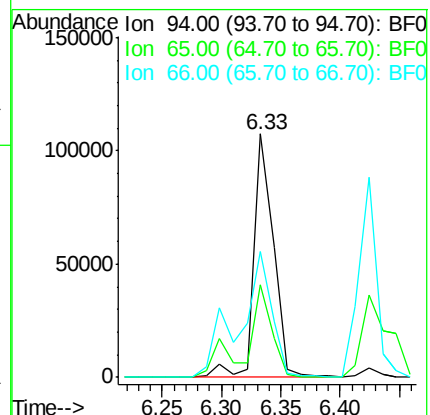
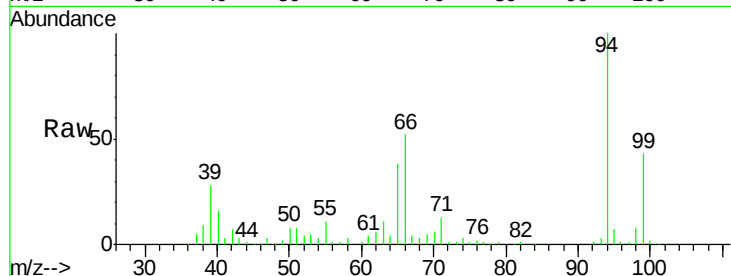
Tot Ion: 94 Resp: 124813

Ion Ratio Lower Upper

94 100

65 38.1 21.5 61.5

66 51.5 42.9 82.9



#11

bis(2-Chloroethyl)ether

Concen: 42.73 ng

RT: 6.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

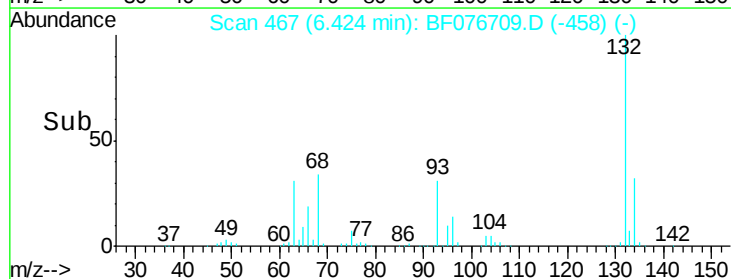
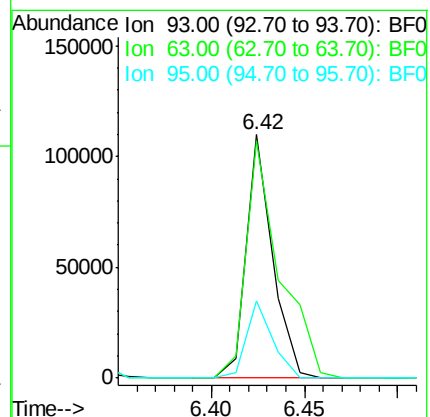
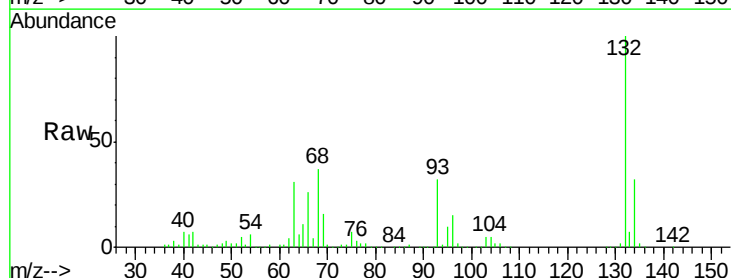
Tgt Ion: 93 Resp: 106424

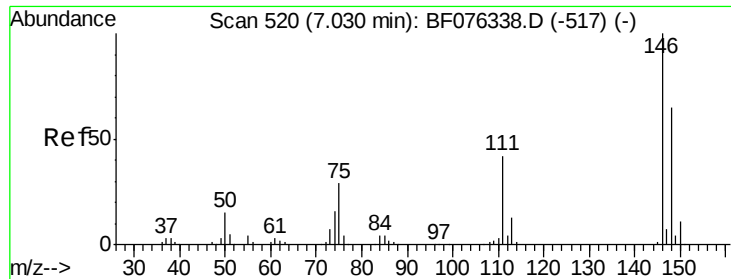
Ion Ratio Lower Upper

93 100

63 97.6 79.1 119.1

95 31.8 12.6 52.6

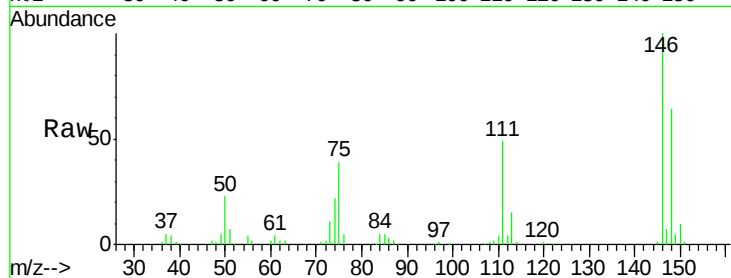




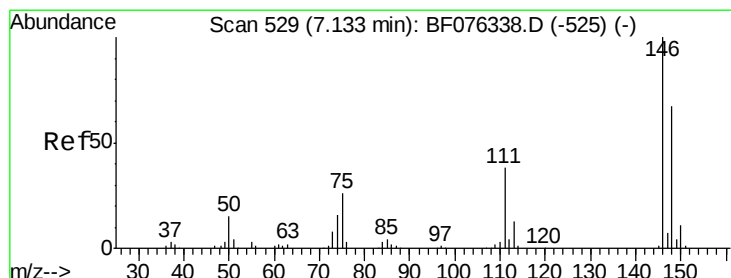
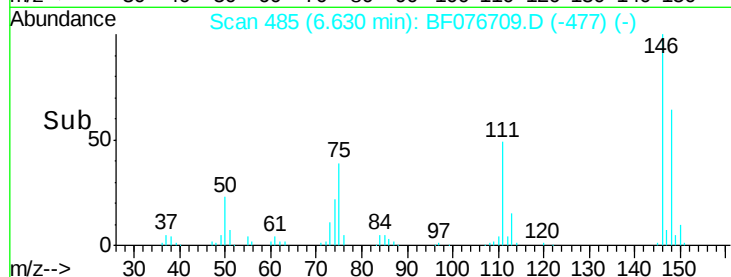
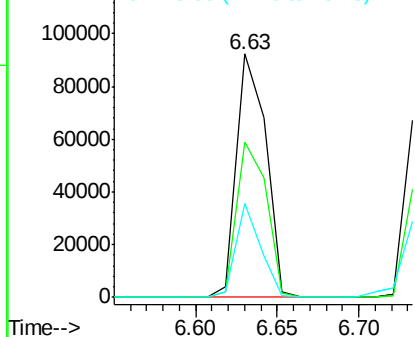
#12
 1,3-Dichlorobenzene
 Concen: 36.99 ng
 RT: 6.63 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

Tot Ion:146 Resp: 114778
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 75 38.5 23.0 34.4#

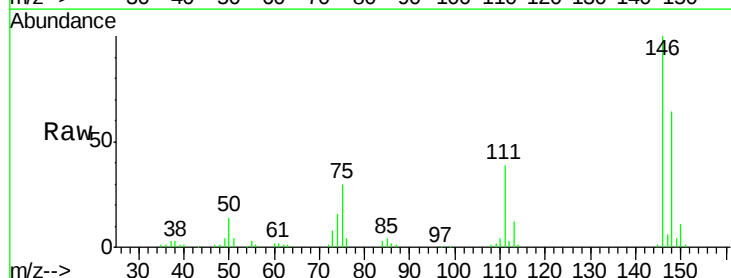


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

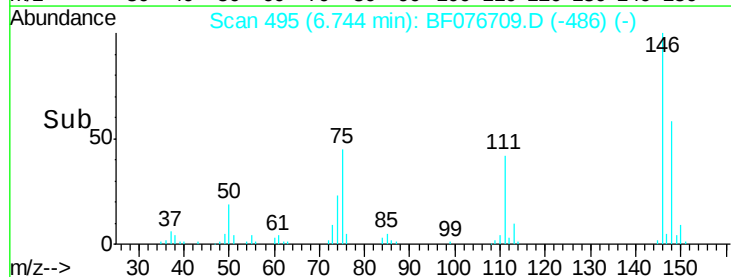
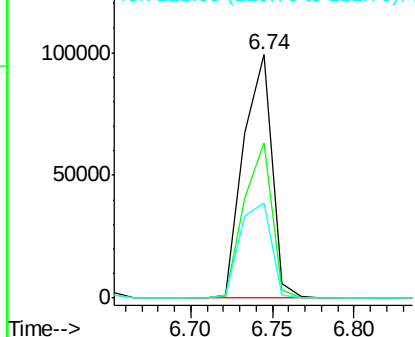


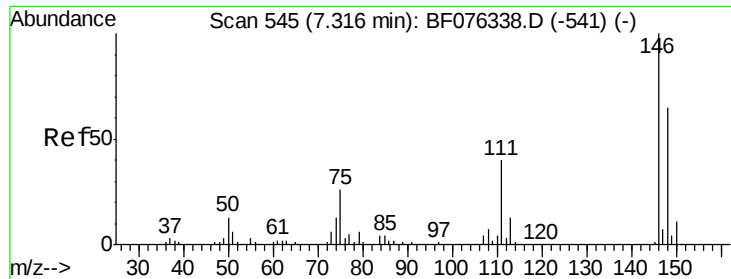
#13
 1,4-Dichlorobenzene
 Concen: 37.88 ng
 RT: 6.74 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:146 Resp: 119067
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.2 79.8
 111 39.1 30.7 46.1



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: 39.00 ng

RT: 6.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

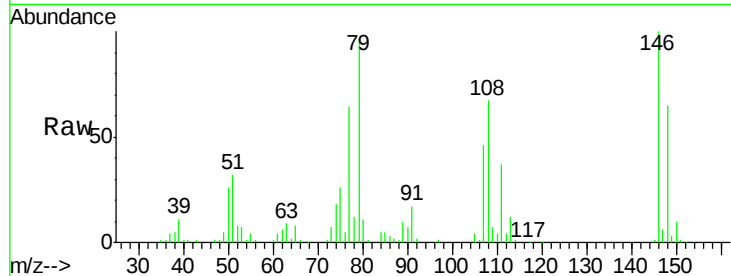
Tot Ion:146 Resp: 116255

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.2

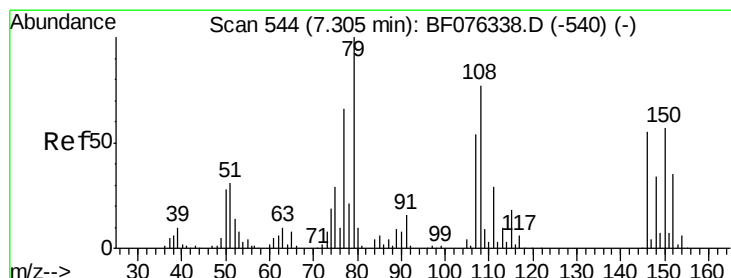
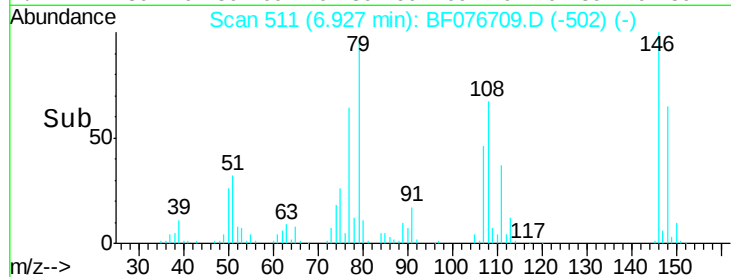
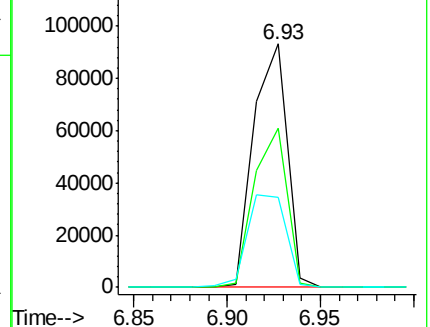
111 36.9 32.2 48.2



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: 39.19 ng

RT: 6.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

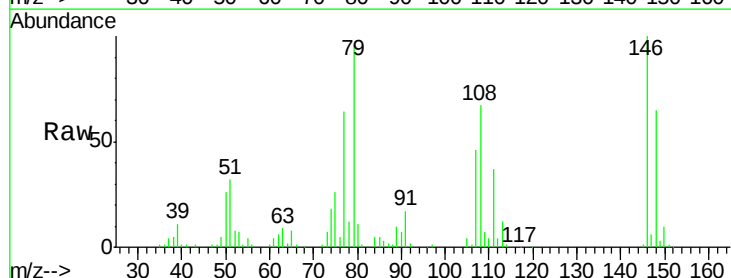
Tgt Ion: 79 Resp: 96752

Ion Ratio Lower Upper

79 100

108 70.0 62.0 93.0

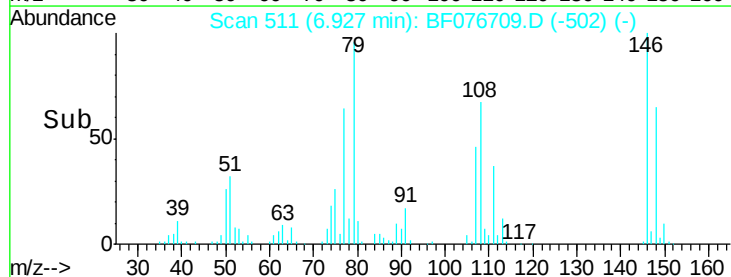
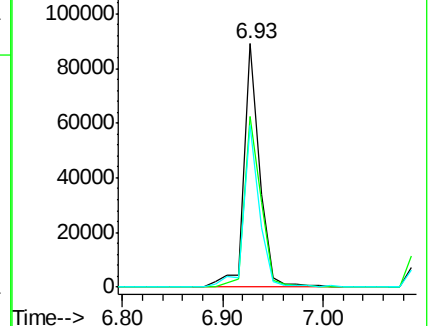
77 66.7 53.0 79.6

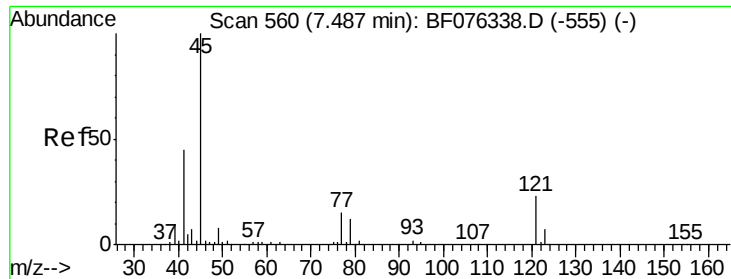


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

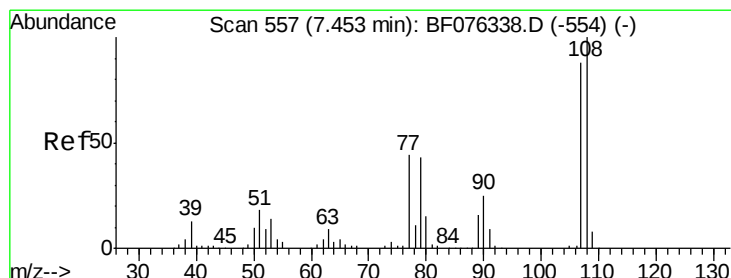
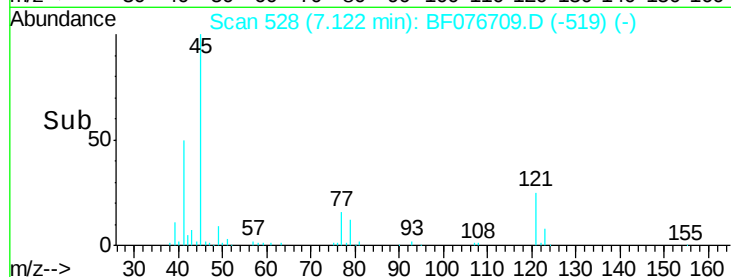
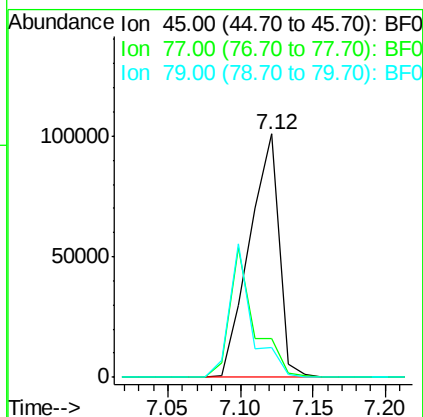
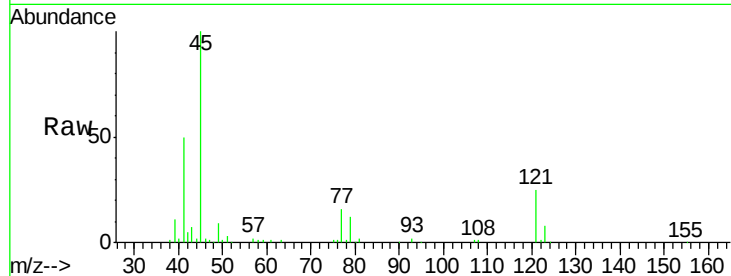




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.65 ng
RT: 7.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

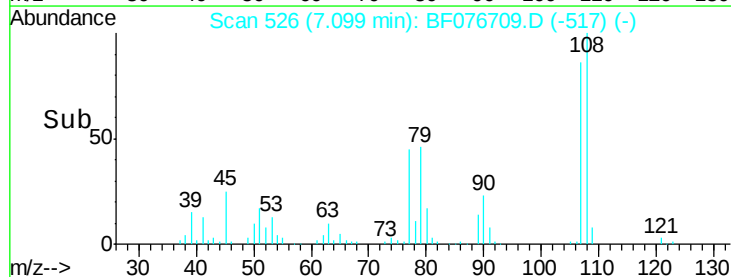
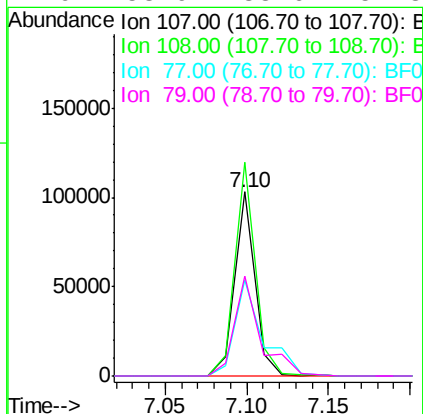
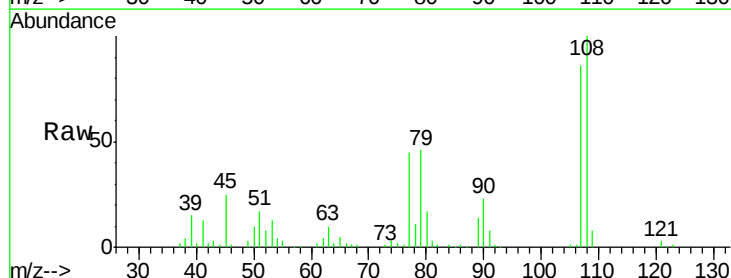
Instrument :
BNA_F
ClientSampleId :
PB81132BS

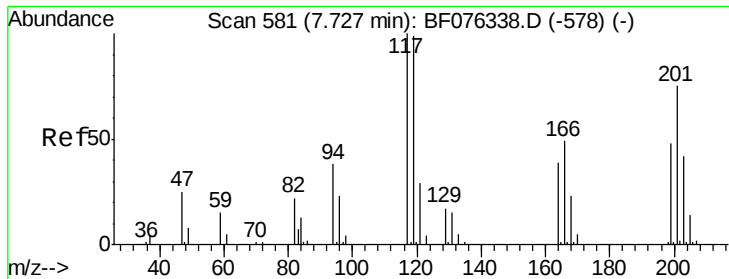
Tot Ion: 45 Resp: 143042
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.5
79 12.4 0.0 32.3



#17
2-Methylphenol
Concen: 39.96 ng
RT: 7.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion: 107 Resp: 87784
Ion Ratio Lower Upper
107 100
108 116.0 90.6 135.8
77 51.9 40.1 60.1
79 53.9 38.6 57.8

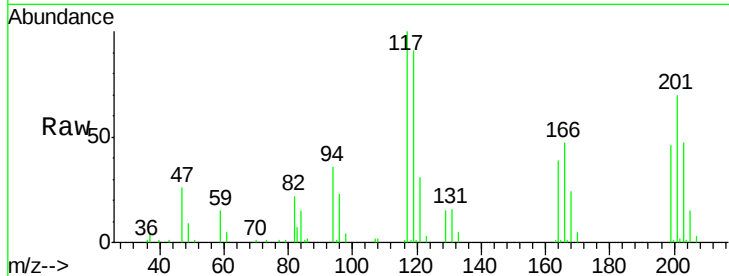




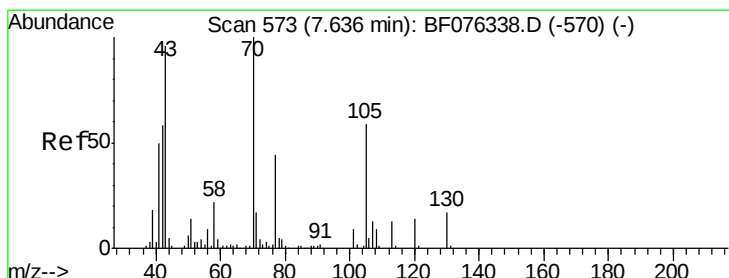
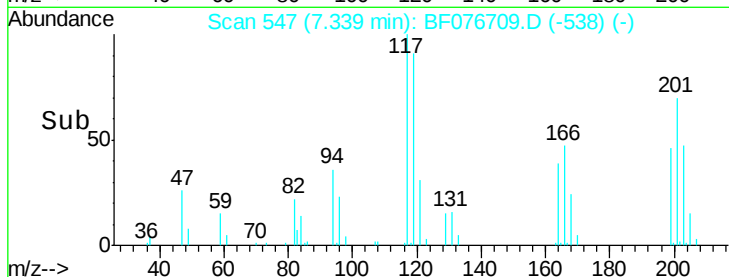
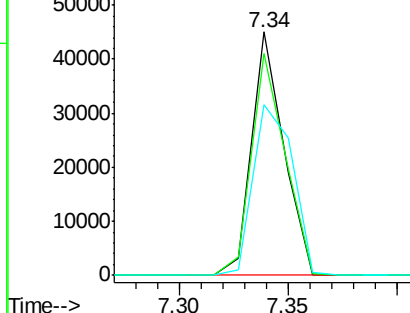
#18
Hexachloroethane
Concen: 41.06 ng
RT: 7.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion:117 Resp: 46119
Ion Ratio Lower Upper
117 100
119 91.4 79.3 118.9
201 70.2 59.7 89.5

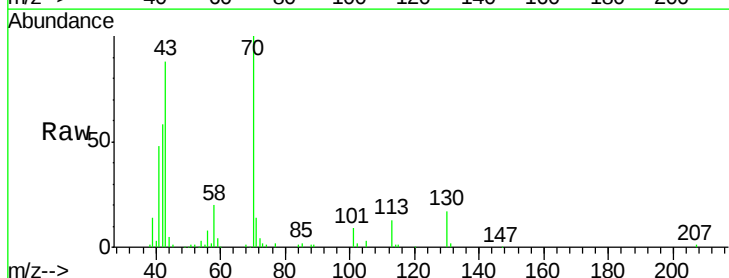


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

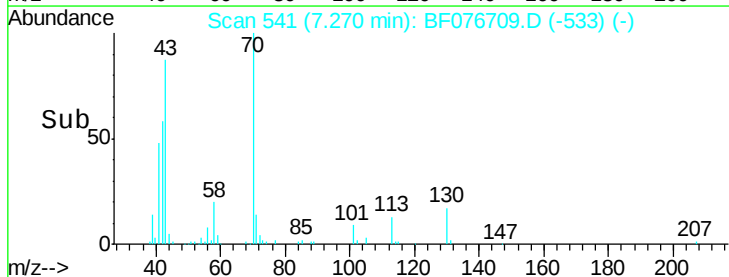
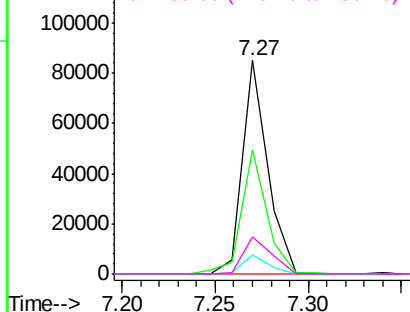


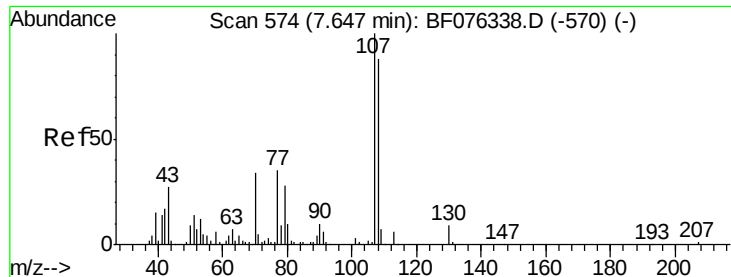
#19
n-Nitroso-di-n-propylamine
Concen: 38.27 ng
RT: 7.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion: 70 Resp: 79670
Ion Ratio Lower Upper
70 100
42 58.2 46.6 70.0
101 8.9 7.0 10.6
130 17.4 14.0 21.0



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: 39.30 ng

RT: 7.29 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

Tot Ion:107 Resp: 116558

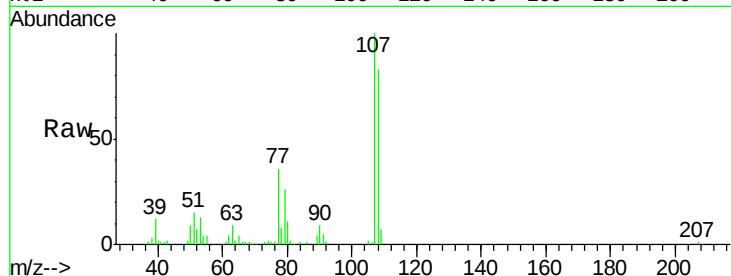
Ion Ratio Lower Upper

107 100

108 83.1 67.5 107.5

77 35.5 15.2 55.2

79 25.9 8.3 48.3

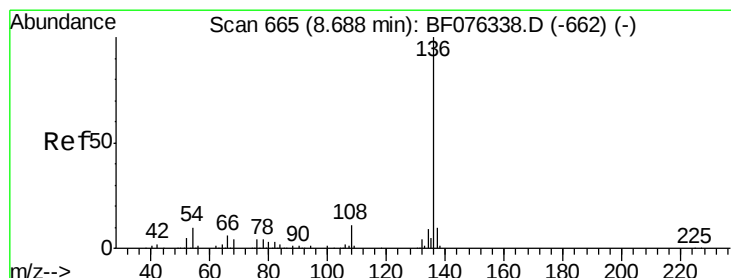
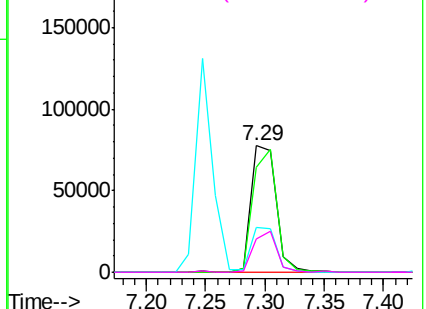
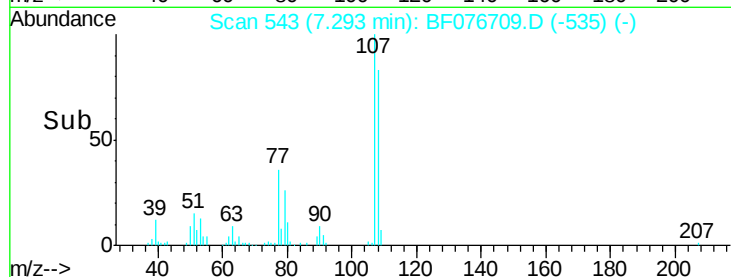


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Tgt Ion:136 Resp: 156516

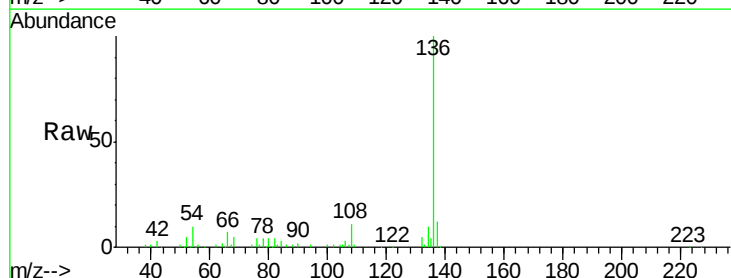
Ion Ratio Lower Upper

136 100

137 12.0 8.4 12.6

54 10.2 7.8 11.6

68 4.8 3.4 5.2

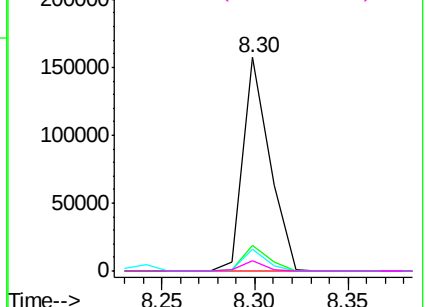
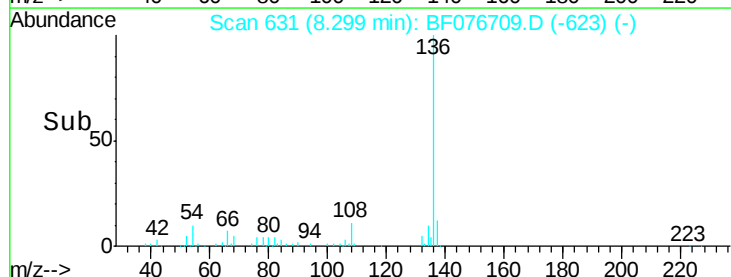


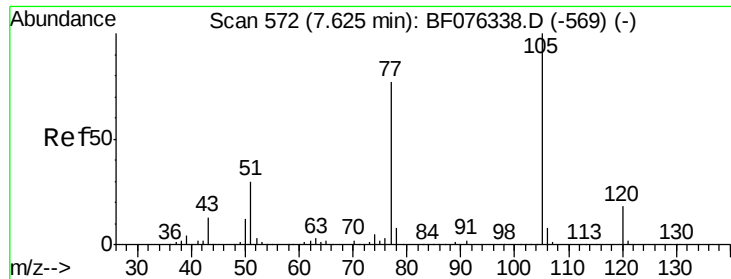
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

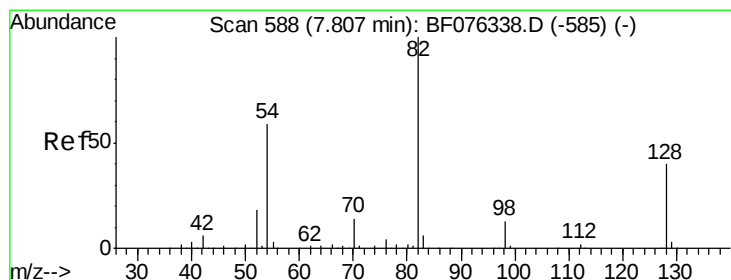
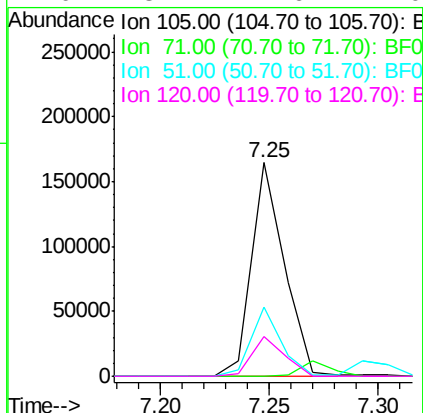
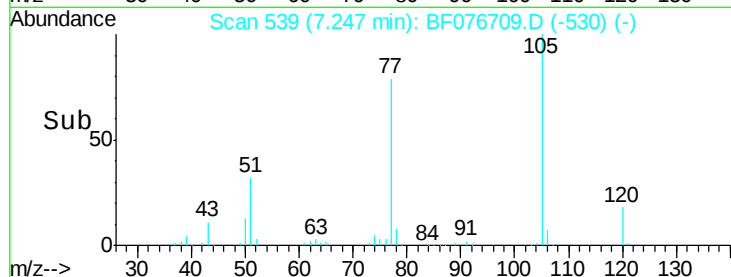
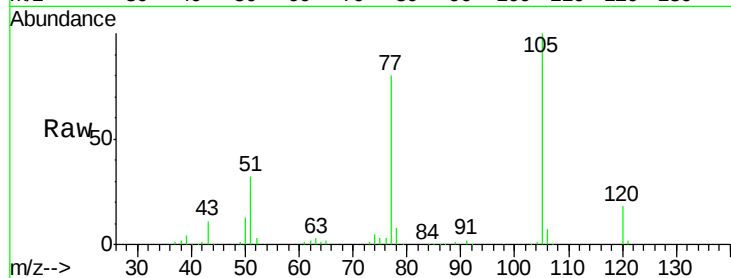




#22
Acetophenone
Concen: 45.85 ng
RT: 7.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

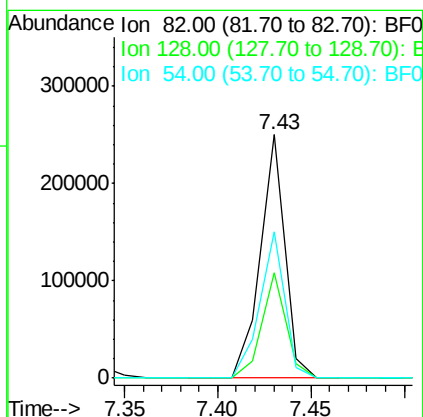
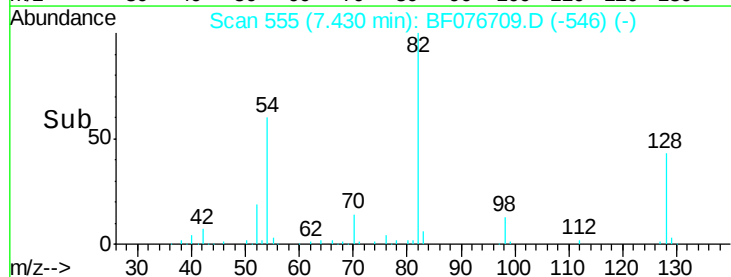
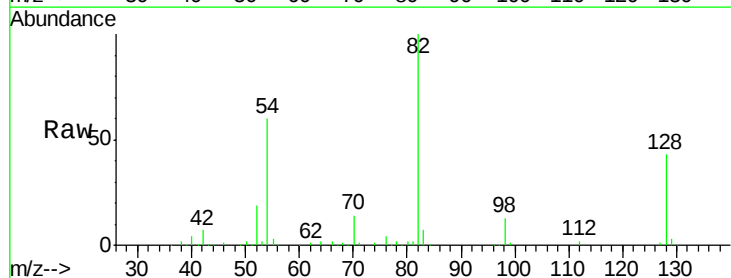
Instrument :
BNA_F
ClientSampleId :
PB81132BS

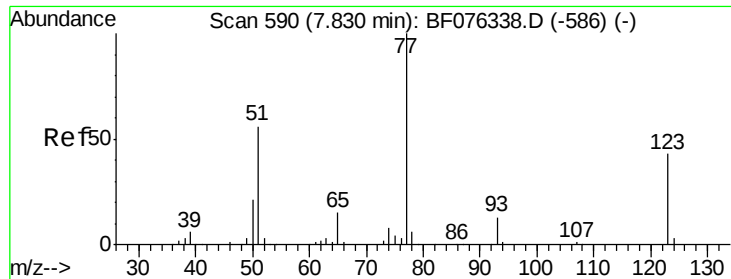
Tot Ion:105 Resp: 172010
Ion Ratio Lower Upper
105 100
71 0.0 0.3 0.5#
51 32.1 23.8 35.8
120 18.4 14.6 22.0



#23
Nitrobenzene-d5
Concen: 86.58 ng
RT: 7.43 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion: 82 Resp: 227845
Ion Ratio Lower Upper
82 100
128 43.1 31.9 47.9
54 60.0 47.2 70.8

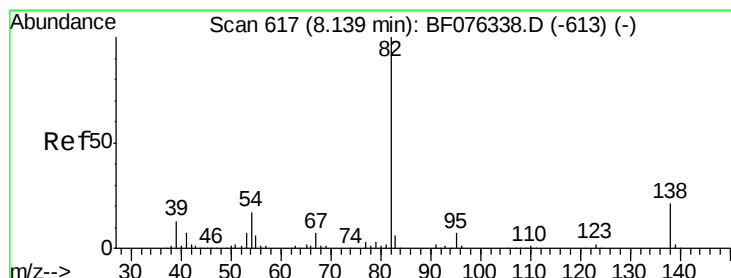
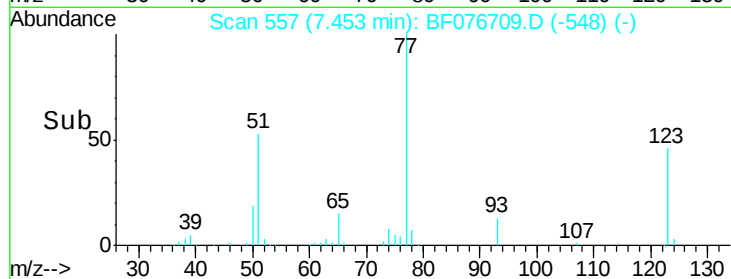
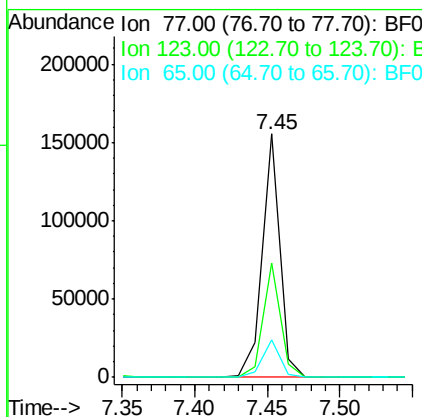
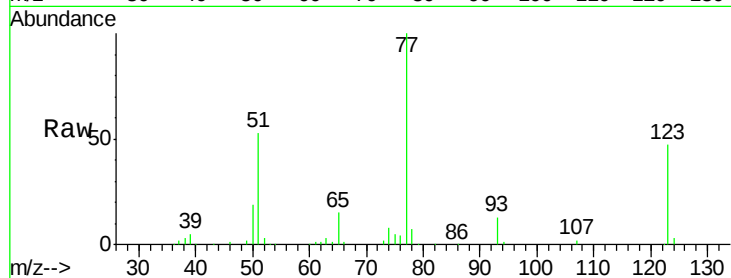




#24
 Nitrobenzene
 Concen: 48.15 ng
 RT: 7.45 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

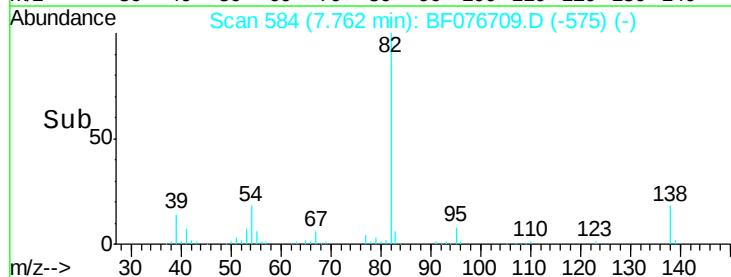
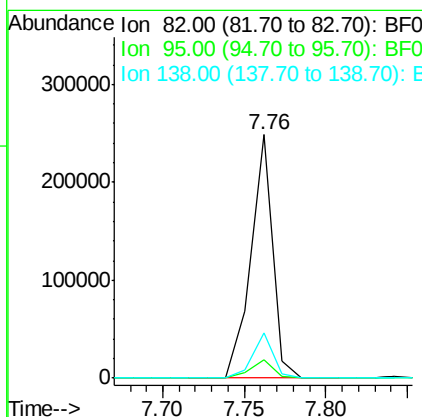
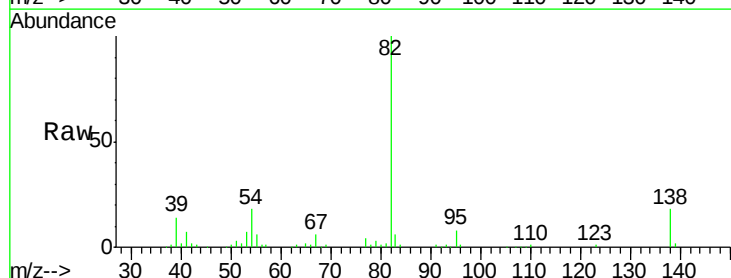
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

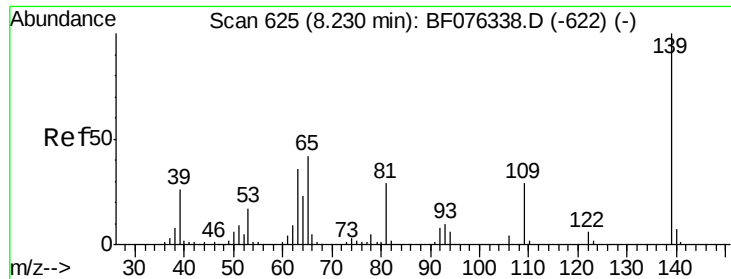
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.8	34.3	51.5
65	15.3	12.2	18.2



#25
 Isophorone
 Concen: 45.49 ng
 RT: 7.76 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	18.5	16.6	25.0

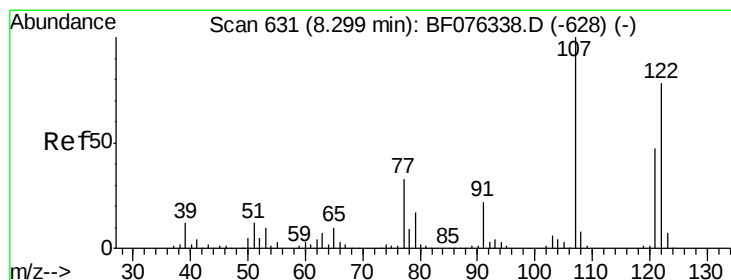
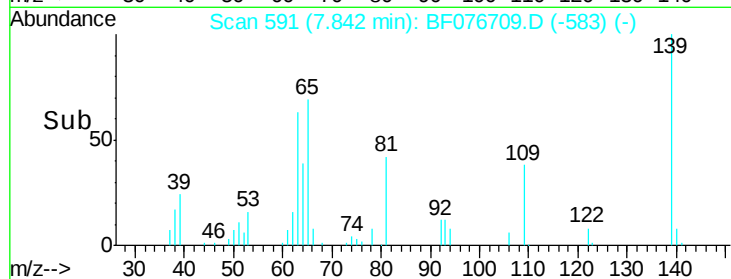
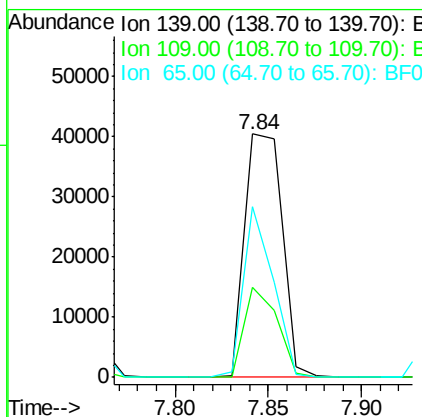
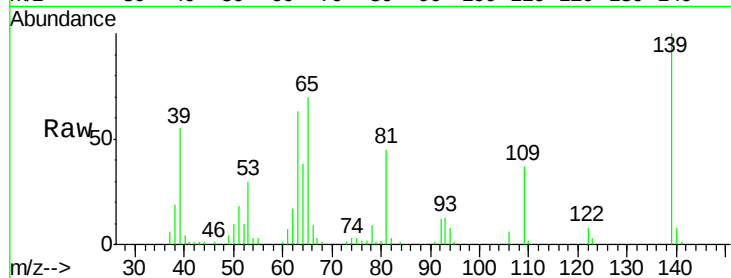




#26
 2-Nitrophenol
 Concen: 42.54 ng
 RT: 7.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

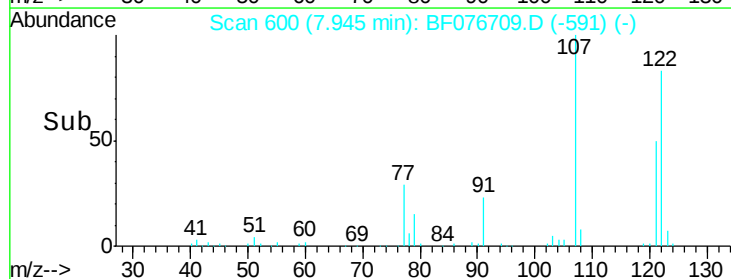
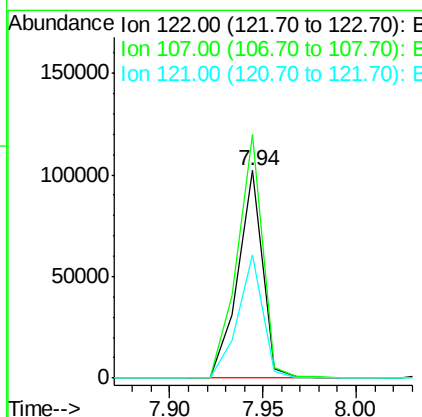
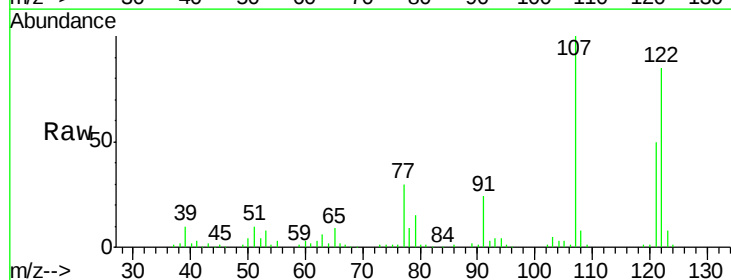
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

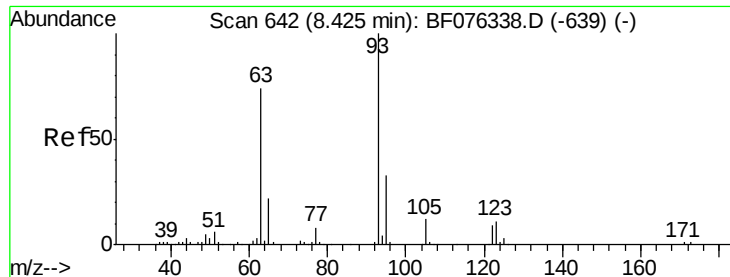
Tot Ion:139 Resp: 56691
 Ion Ratio Lower Upper
 139 100
 109 36.8 22.9 34.3#
 65 70.2 33.3 49.9#



#27
 2,4-Dimethylphenol
 Concen: 44.43 ng
 RT: 7.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:122 Resp: 95827
 Ion Ratio Lower Upper
 122 100
 107 117.3 102.5 153.7
 121 59.2 47.8 71.8

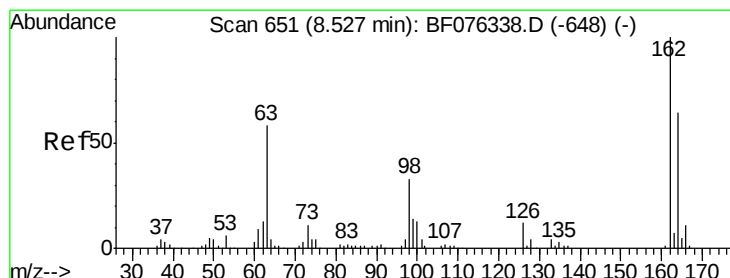
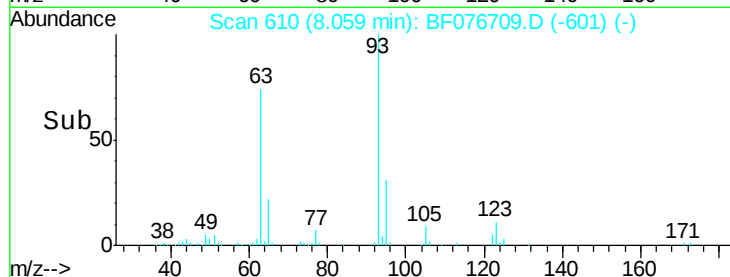
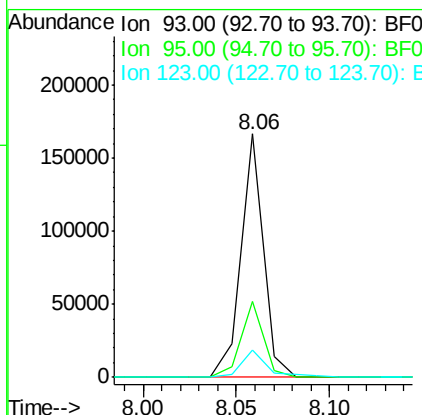
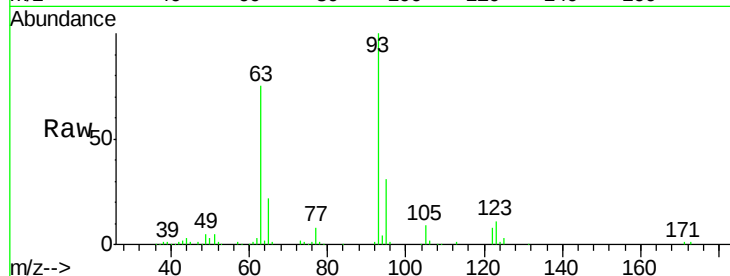




#28
bis(2-Chloroethoxy)methane
Concen: 47.20 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

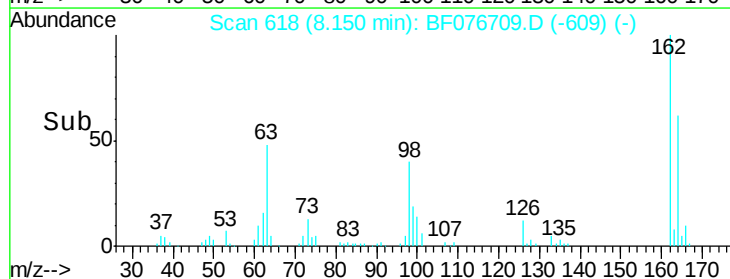
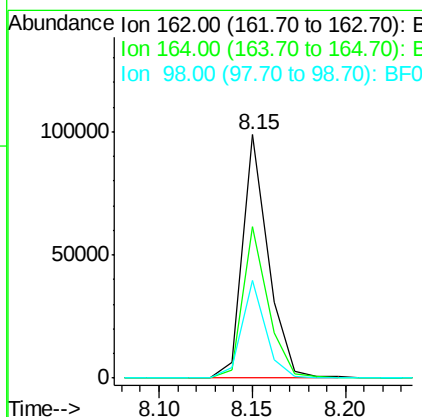
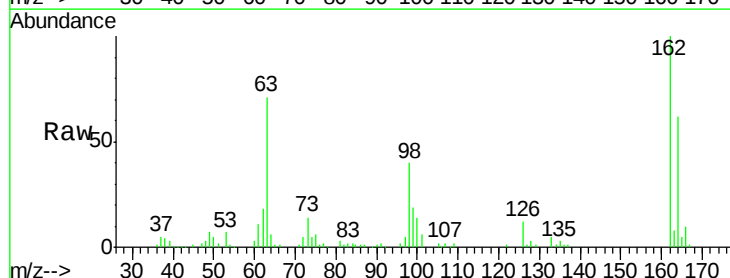
Instrument :
BNA_F
ClientSampleId :
PB81132BS

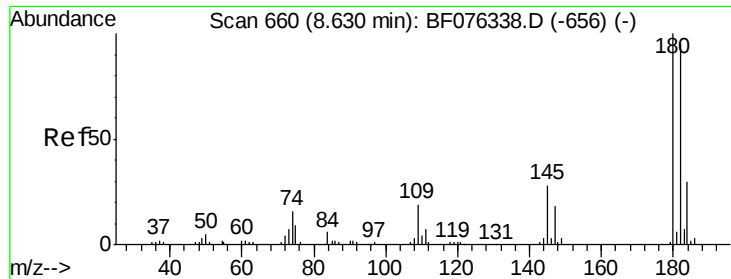
Tot Ion: 93 Resp: 140531
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.2
123 11.5 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 45.22 ng
RT: 8.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion: 162 Resp: 95874
Ion Ratio Lower Upper
162 100
164 62.2 44.0 84.0
98 40.1 13.4 53.4

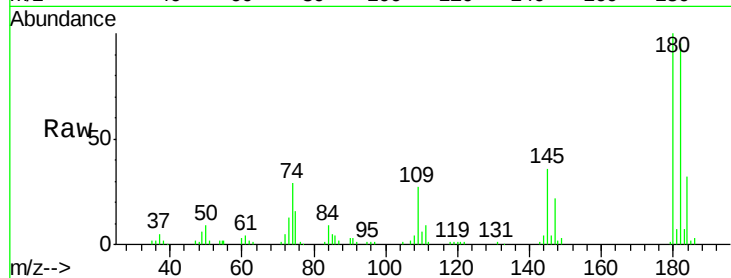




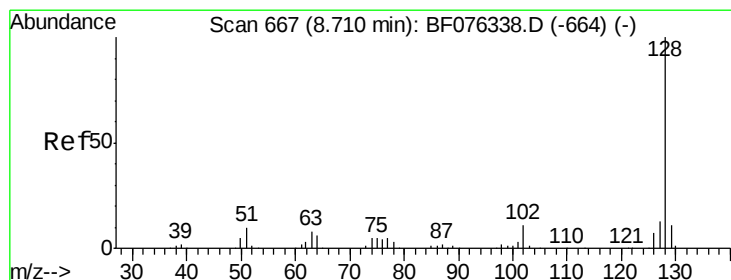
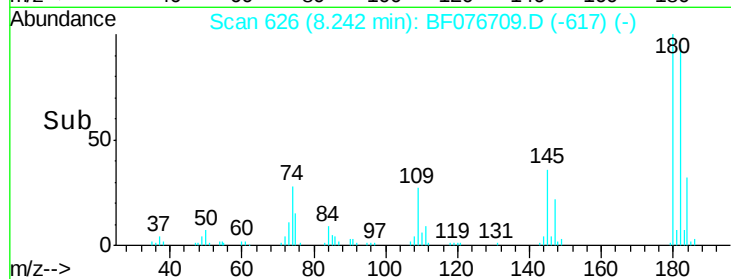
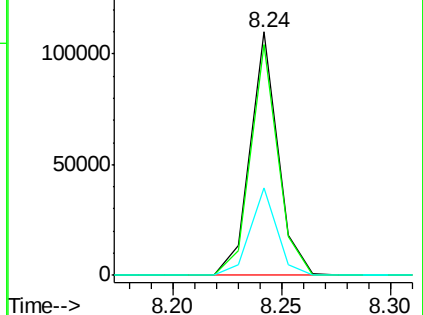
#30
 1,2,4-Trichlorobenzene
 Concen: 42.61 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Instrument :
 BNA_F
 ClientSampled :
 PB81132BS

Tot Ion:180 Resp: 97378
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.8 113.6
 145 36.2 22.4 33.6#

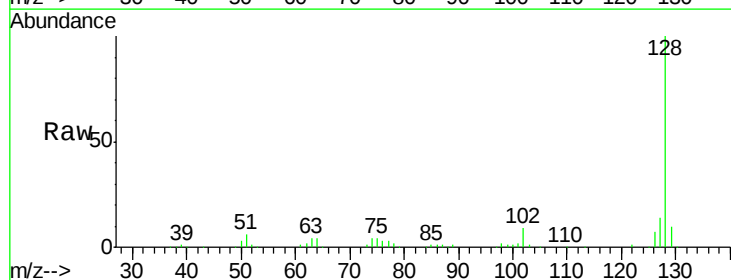


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

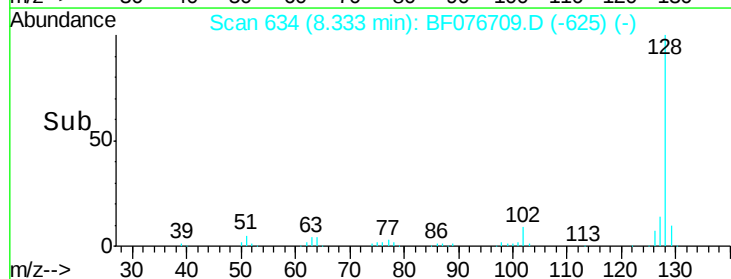
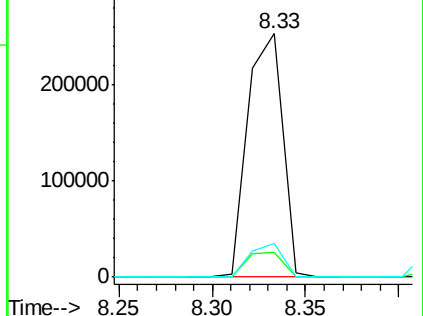


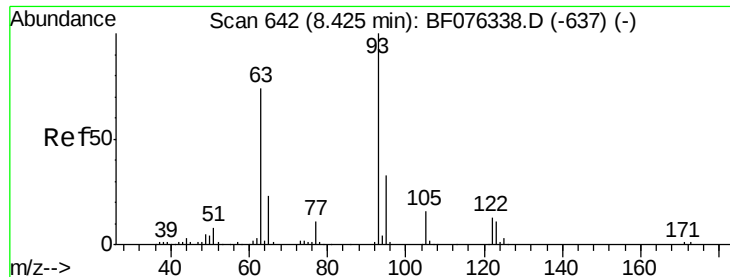
#31
 Naphthalene
 Concen: 42.31 ng
 RT: 8.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:128 Resp: 328069
 Ion Ratio Lower Upper
 128 100
 129 10.0 9.1 13.7
 127 13.7 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: 44.52 ng

RT: 8.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

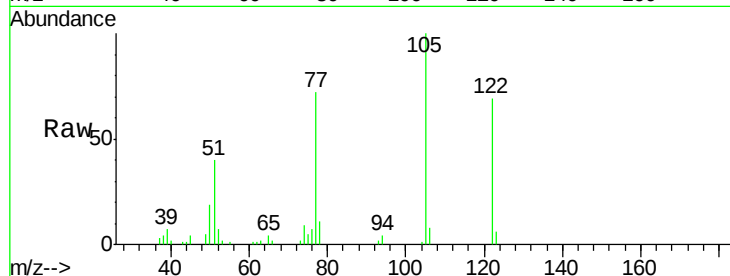
Tot Ion:122 Resp: 57279

Ion Ratio Lower Upper

122 100

105 144.5 110.2 150.2

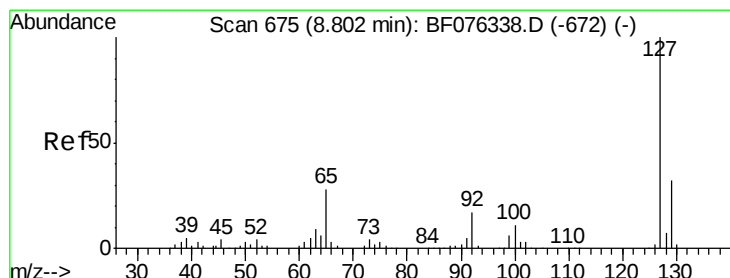
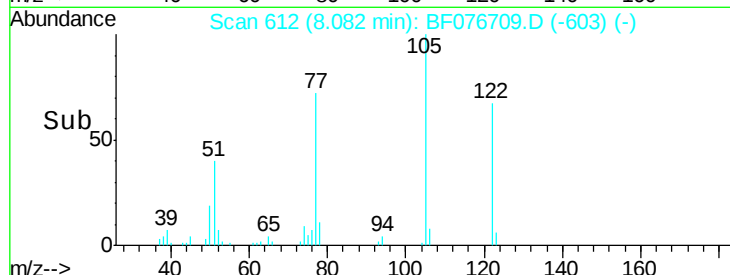
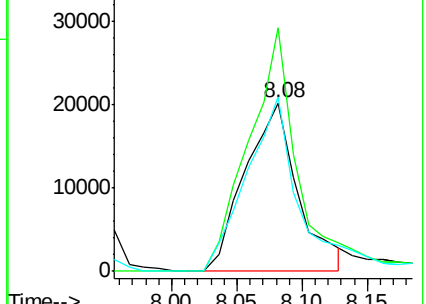
77 103.4 70.7 110.7



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: 22.96 ng

RT: 8.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Tgt Ion:127 Resp: 72678

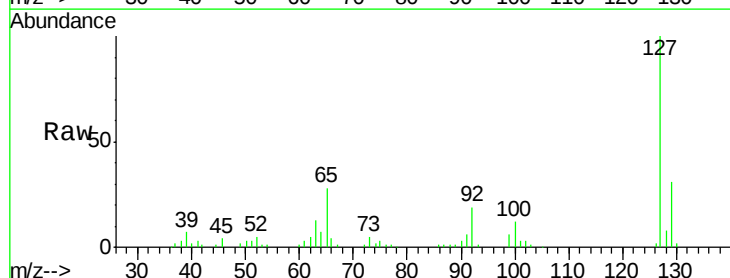
Ion Ratio Lower Upper

127 100

129 30.8 25.6 38.4

65 28.0 22.1 33.1

92 18.6 13.6 20.4

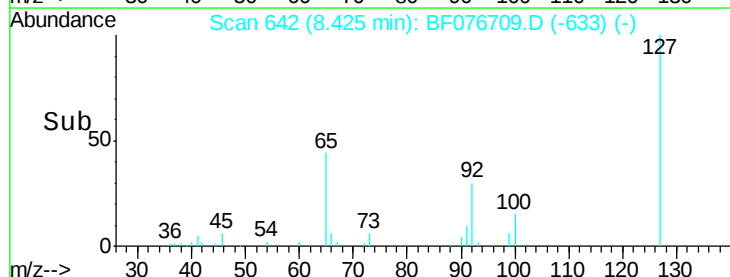
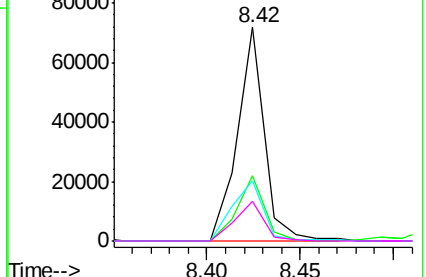


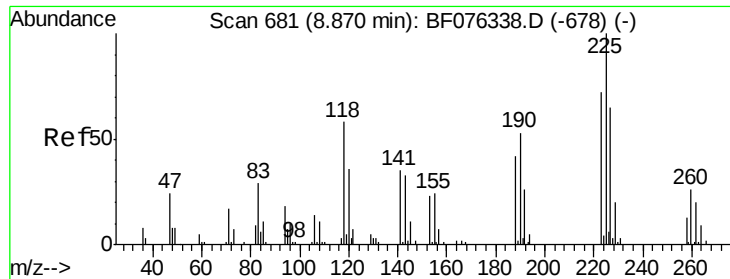
Abundance Ion 127.00 (126.70 to 127.70): E

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

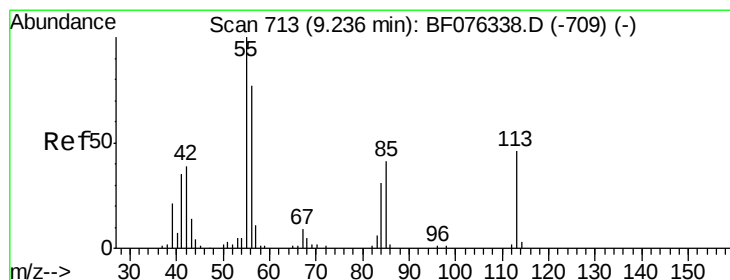
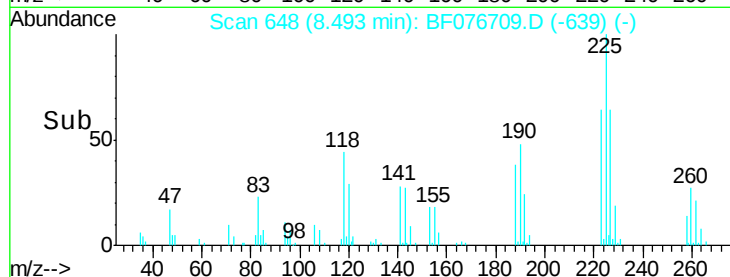
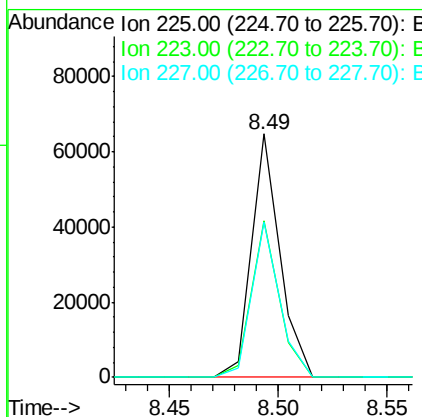
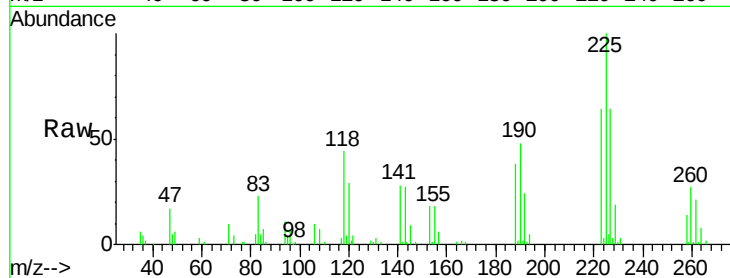




#34
Hexachlorobutadiene
Concen: 44.08 ng
RT: 8.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

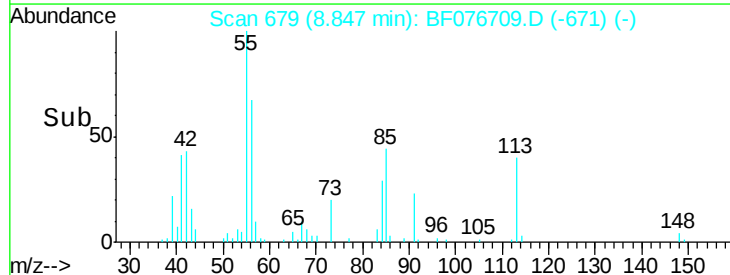
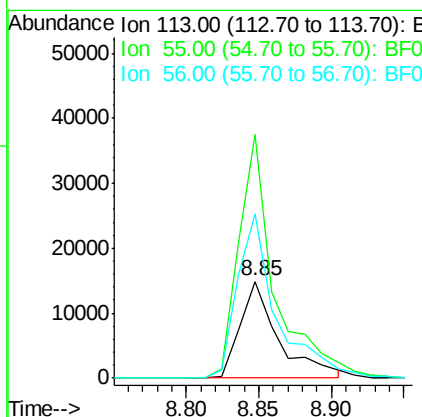
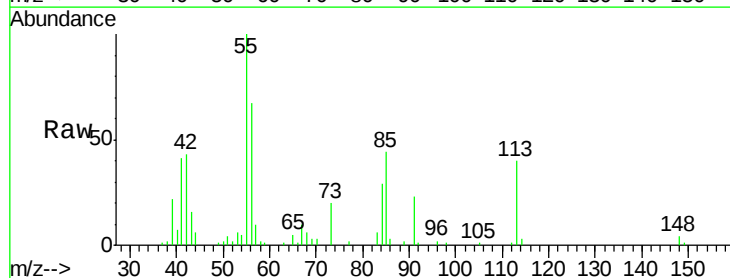
Instrument :
BNA_F
ClientSampleId :
PB81132BS

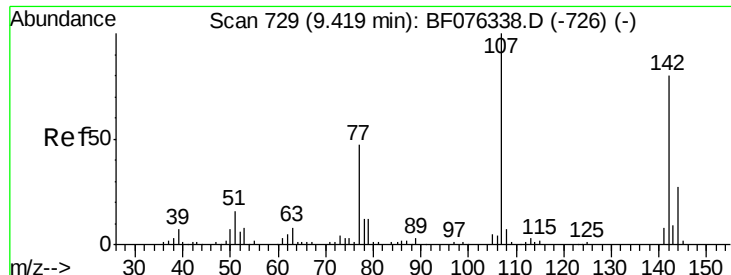
Tot Ion:225 Resp: 58570
Ion Ratio Lower Upper
225 100
223 64.1 57.3 85.9
227 63.9 52.3 78.5



#35
Caprolactam
Concen: 44.88 ng
RT: 8.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:113 Resp: 27432
Ion Ratio Lower Upper
113 100
55 252.2 199.5 239.5#
56 170.1 148.4 188.4

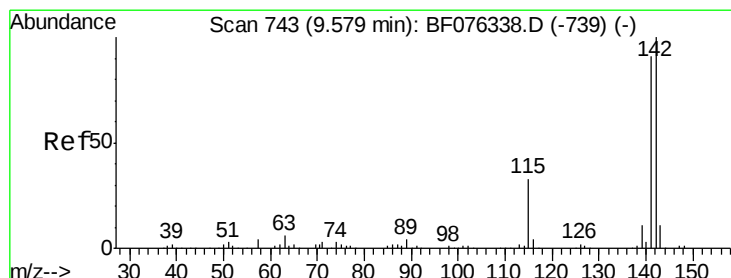
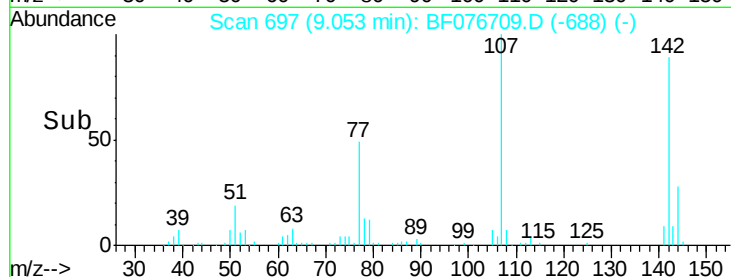
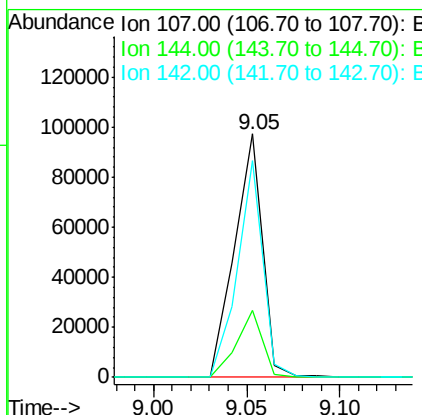
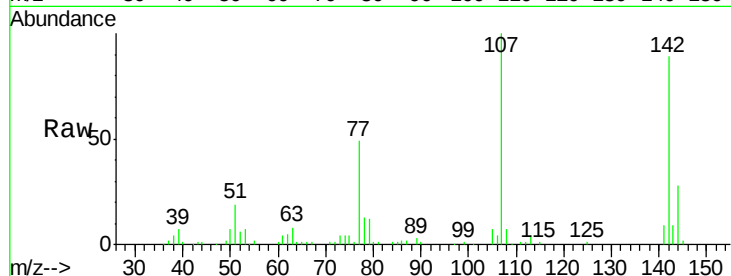




#36
 4-Chloro-3-methylphenol
 Concen: 43.48 ng
 RT: 9.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

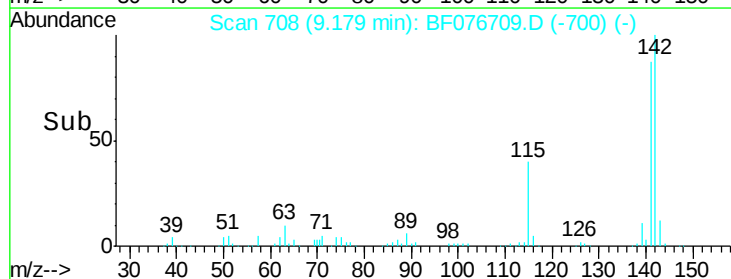
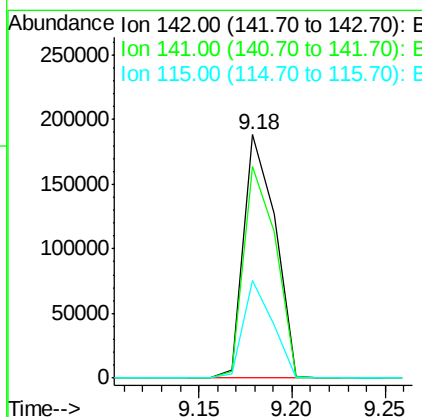
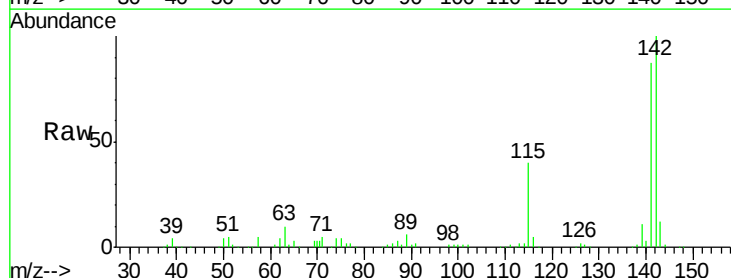
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

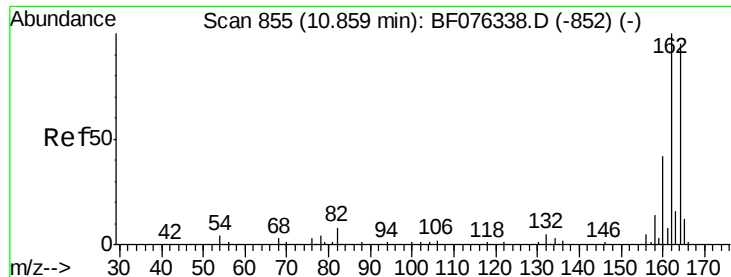
Tot Ion:107 Resp: 102587
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.8 32.6
 142 89.0 64.4 96.6



#37
 2-Methylnaphthalene
 Concen: 40.97 ng
 RT: 9.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:142 Resp: 221623
 Ion Ratio Lower Upper
 142 100
 141 87.0 72.4 108.6
 115 40.0 26.5 39.7#

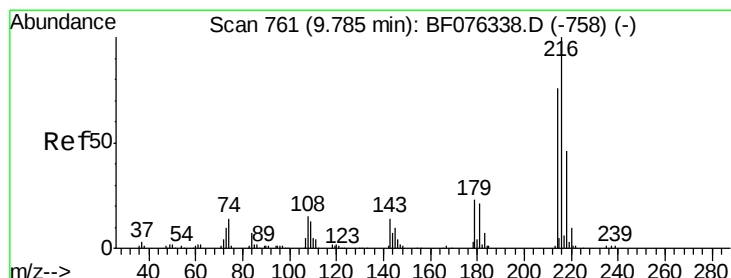
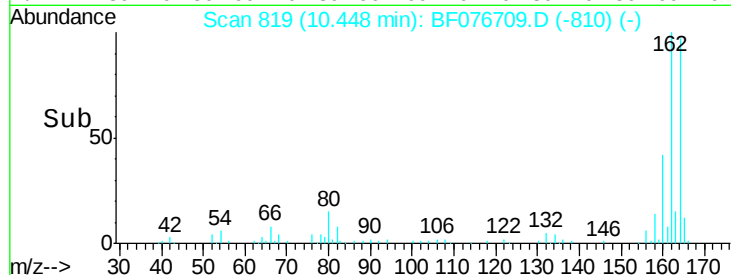
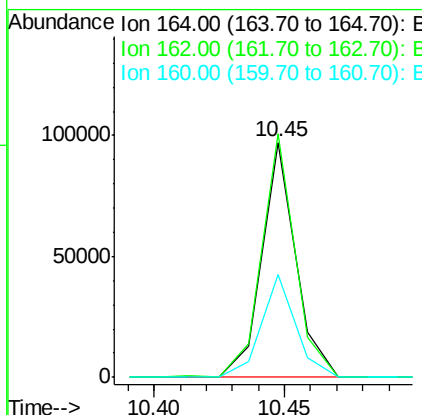
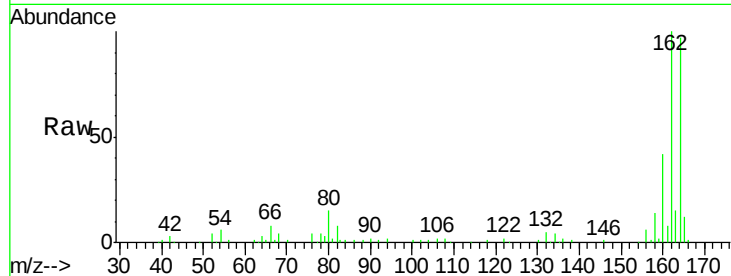




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

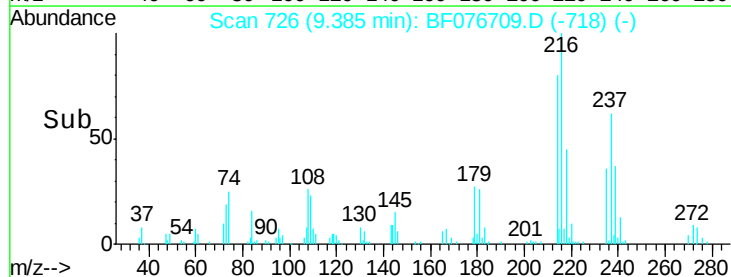
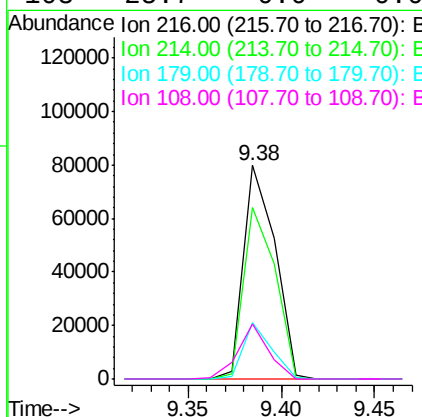
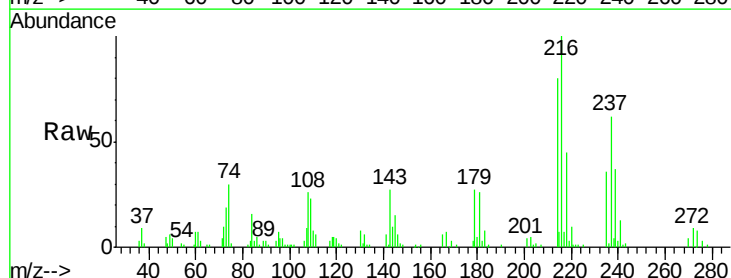
Instrument :
BNA_F
ClientSampleId :
PB81132BS

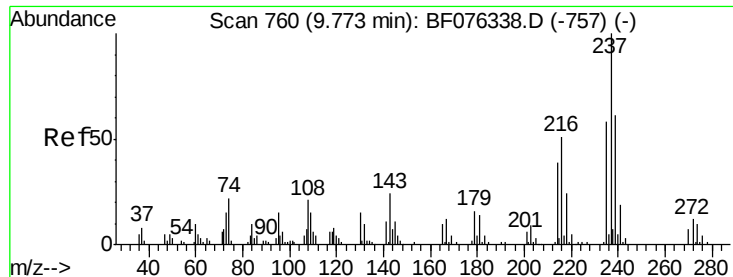
Tot Ion:164 Resp: 88544
Ion Ratio Lower Upper
164 100
162 103.5 84.2 126.2
160 43.9 35.5 53.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.99 ng
RT: 9.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:216 Resp: 93640
Ion Ratio Lower Upper
216 100
214 80.4 48.7 73.1#
179 23.9 14.5 21.7#
108 25.7 0.0 0.0#

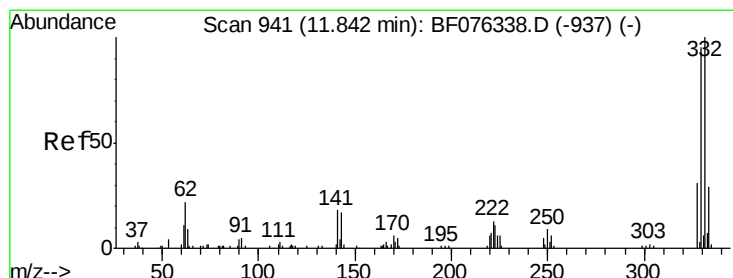
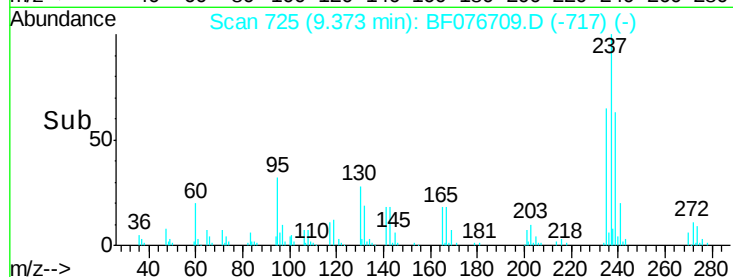
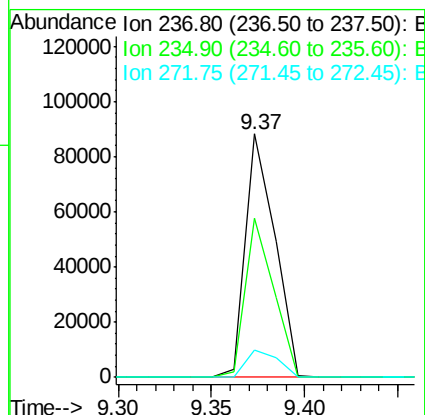
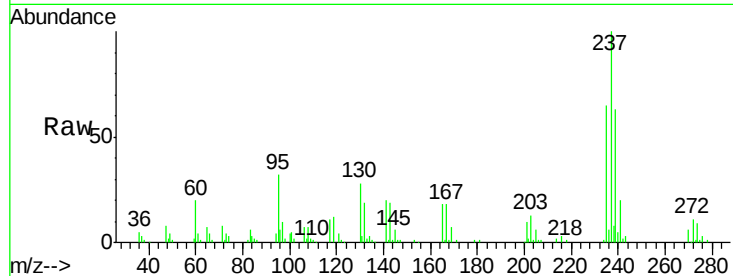




#40
Hexachlorocyclopentadiene
Concen: 76.96 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

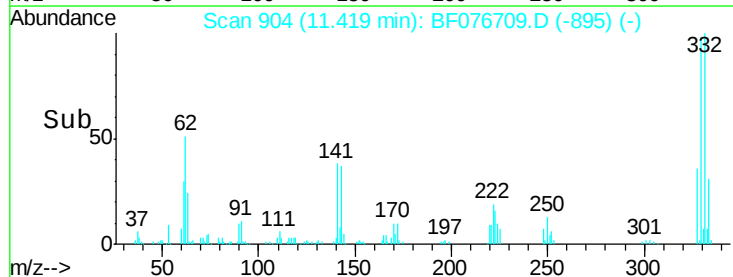
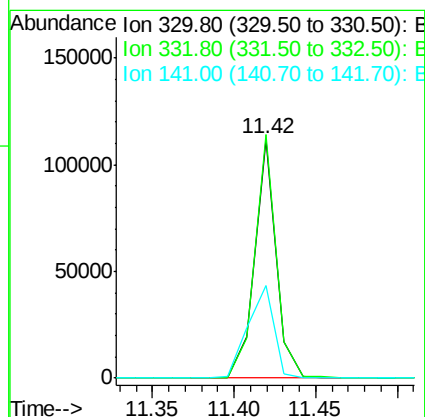
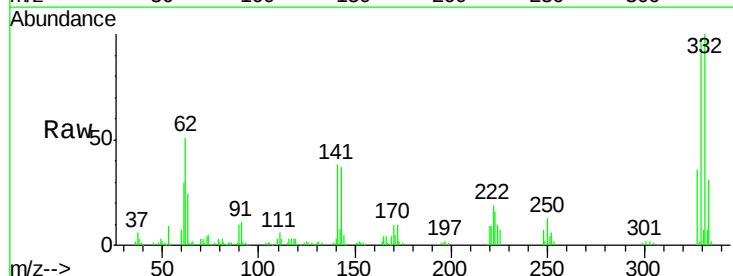
Instrument :
BNA_F
ClientSampleId :
PB81132BS

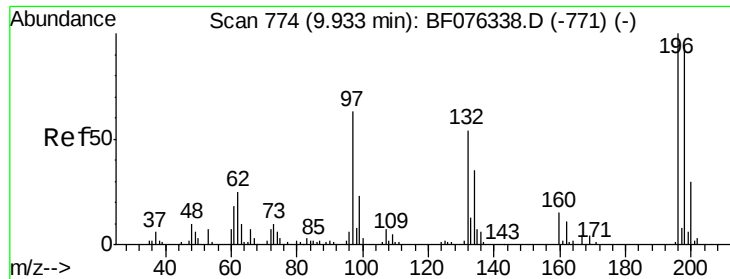
Tot Ion:237 Resp: 96691
Ion Ratio Lower Upper
237 100
235 65.3 38.5 78.5
272 11.4 0.0 32.2



#41
2,4,6-Tribromophenol
Concen: 137.23 ng
RT: 11.42 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:330 Resp: 102695
Ion Ratio Lower Upper
330 100
332 101.0 0.0 0.0#
141 46.6 0.0 0.0#

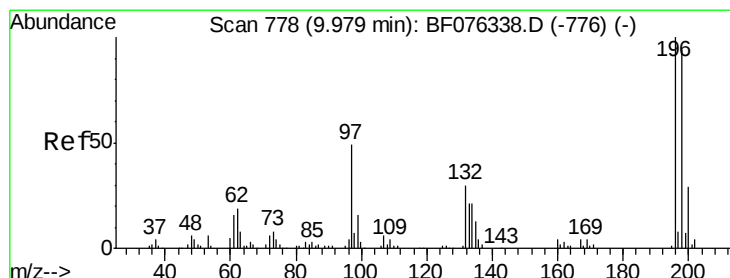
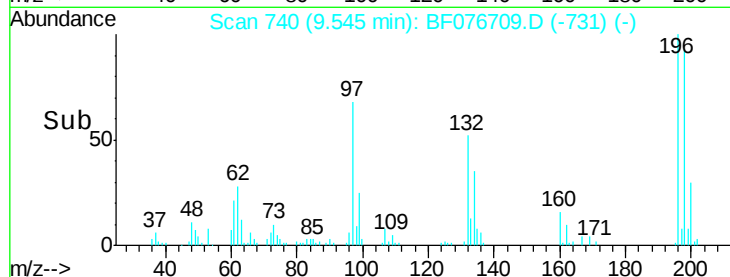
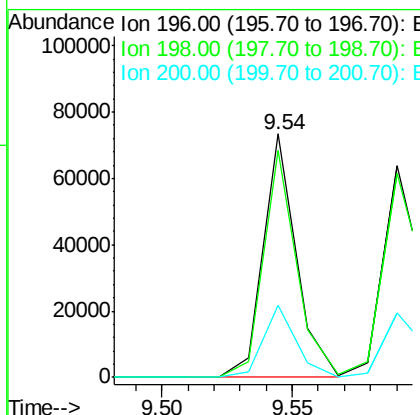
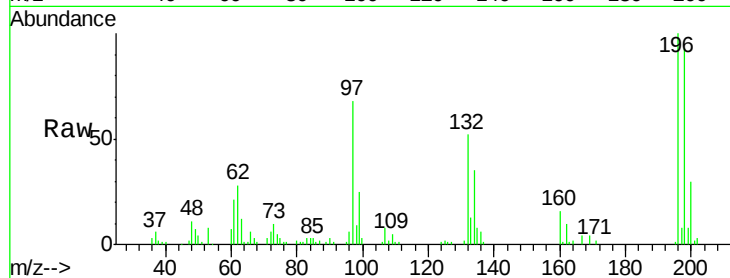




#42
 2,4,6-Trichlorophenol
 Concen: 41.03 ng
 RT: 9.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

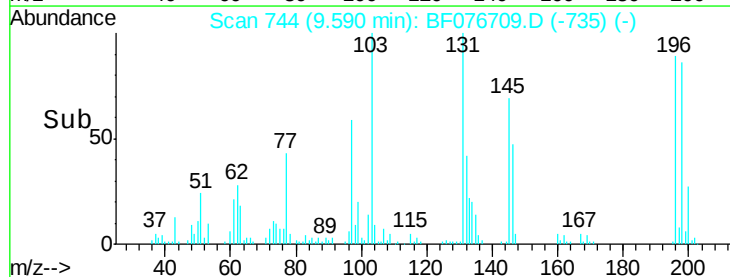
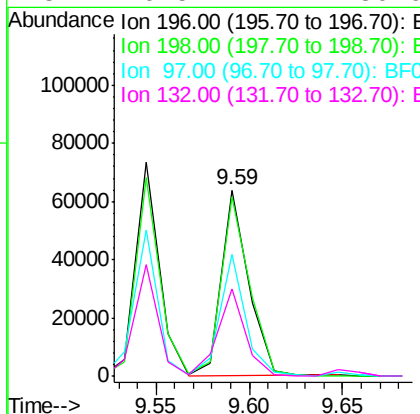
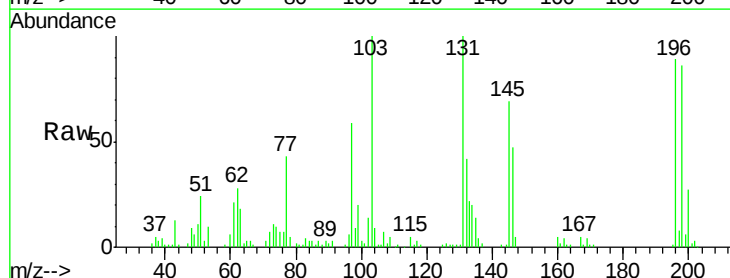
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

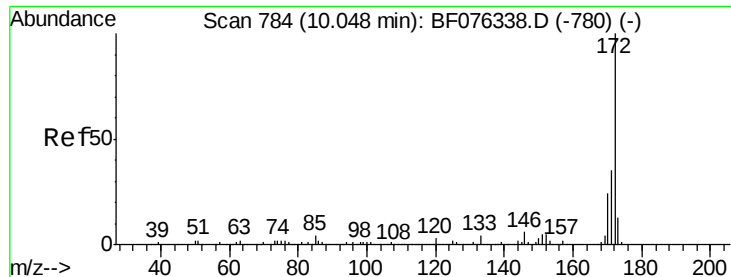
Tot Ion:196 Resp: 64831
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.6 113.4
 200 29.7 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 38.34 ng
 RT: 9.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:196 Resp: 65185
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.2 112.8
 97 65.5 39.0 58.4#
 132 46.5 24.4 36.6#

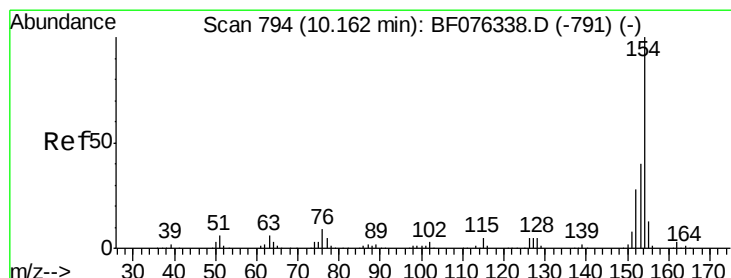
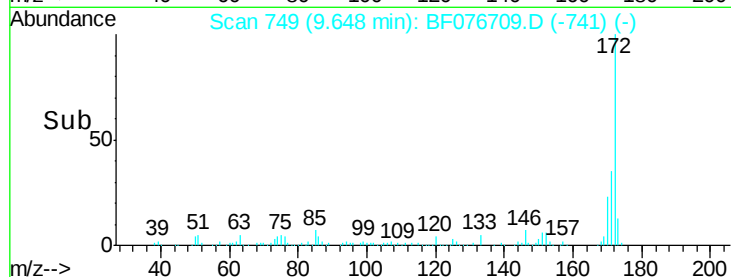
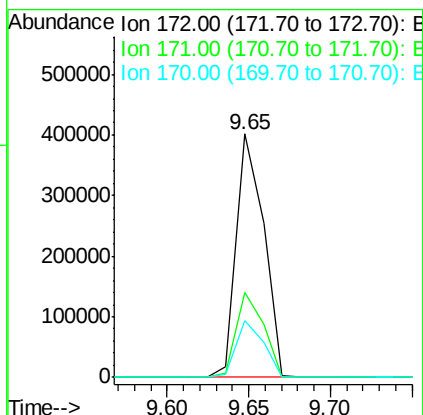
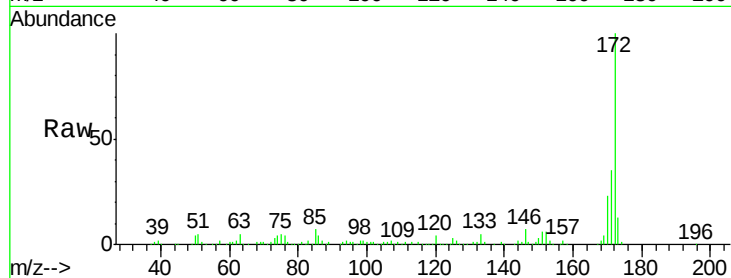




#44
 2-Fluorobiphenyl
 Concen: 81.37 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

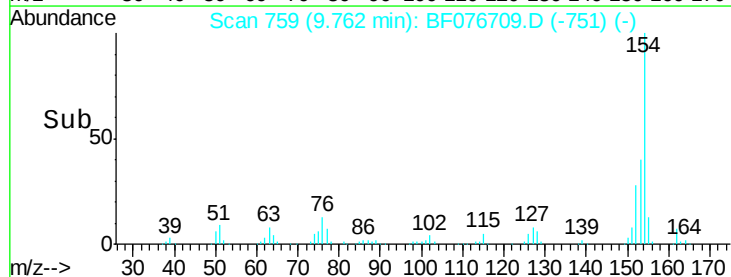
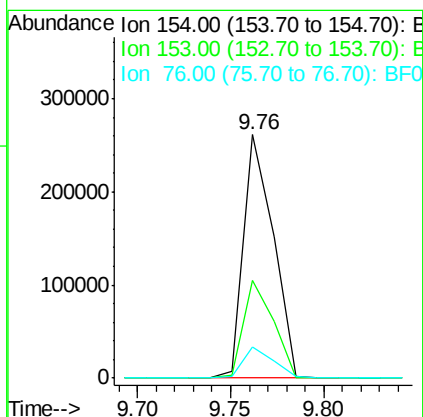
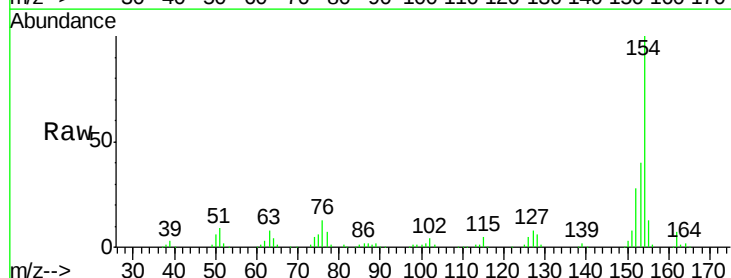
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

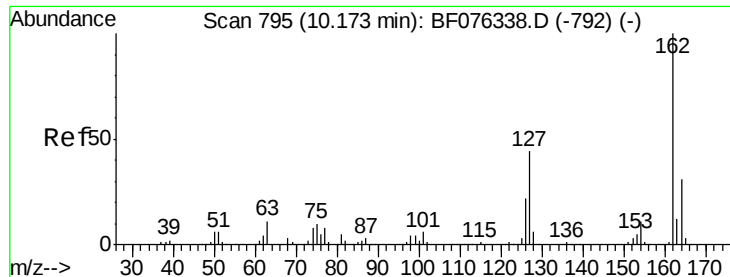
Tot Ion:172 Resp: 462963
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.8
 170 23.2 19.0 28.4



#45
 1,1'-Biphenyl
 Concen: 44.01 ng
 RT: 9.76 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:154 Resp: 289517
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.0 60.0
 76 12.9 0.0 29.4

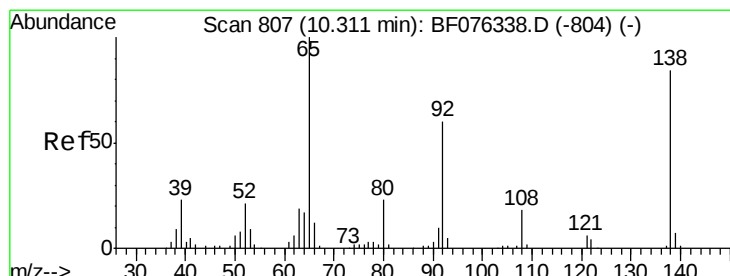
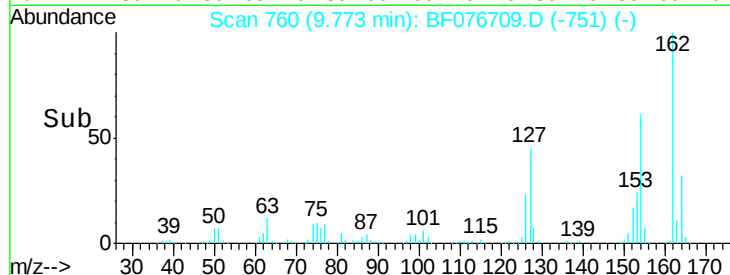
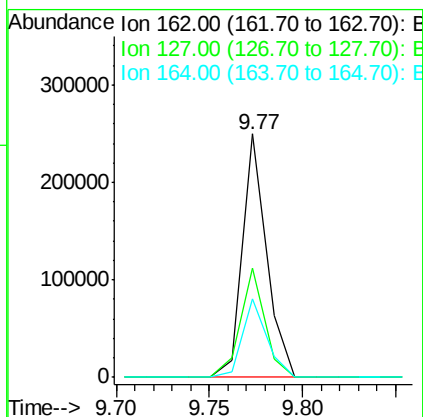
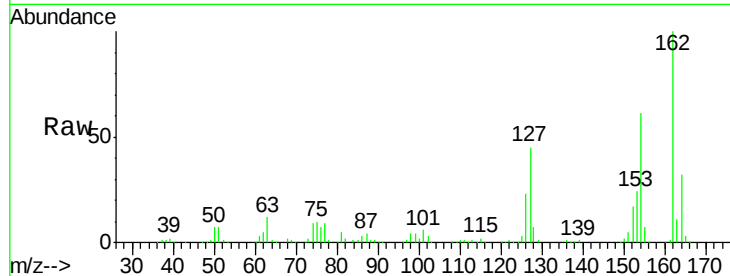




#46
 2-Chloronaphthalene
 Concen: 43.56 ng
 RT: 9.77 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

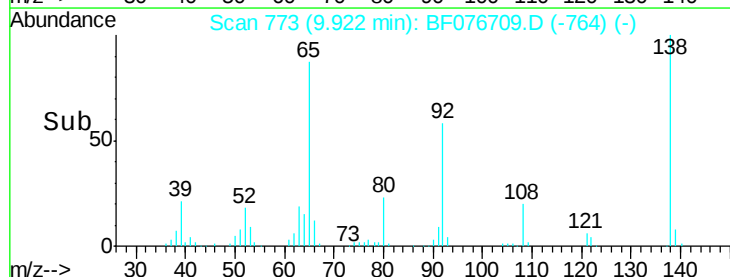
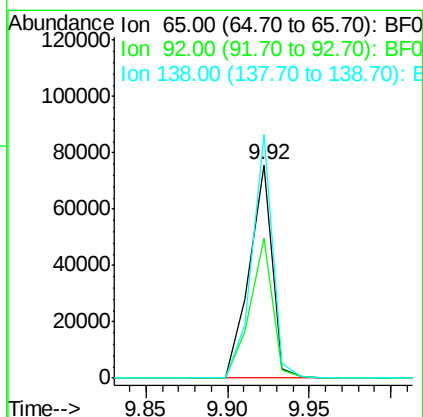
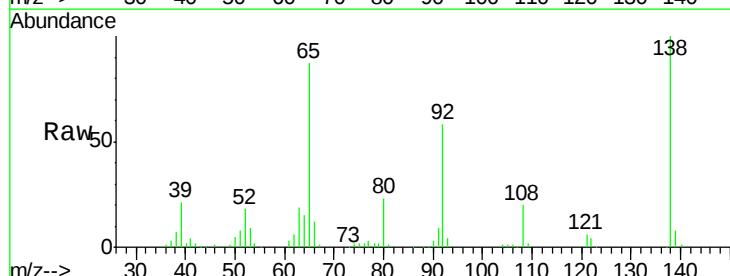
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

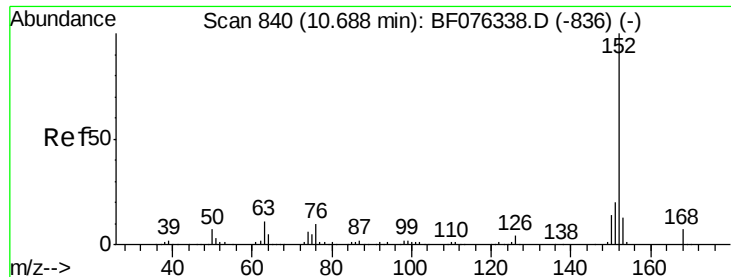
Tot Ion:162 Resp: 227258
 Ion Ratio Lower Upper
 162 100
 127 44.6 35.2 52.8
 164 32.4 24.6 36.8



#47
 2-Nitroaniline
 Concen: 46.57 ng
 RT: 9.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion: 65 Resp: 73914
 Ion Ratio Lower Upper
 65 100
 92 65.9 48.0 72.0
 138 114.4 67.0 100.6#





#48

Acenaphthylene

Concen: 42.95 ng

RT: 10.28 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

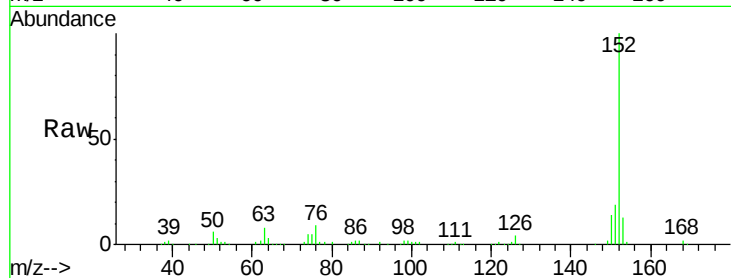
Tot Ion:152 Resp: 381082

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

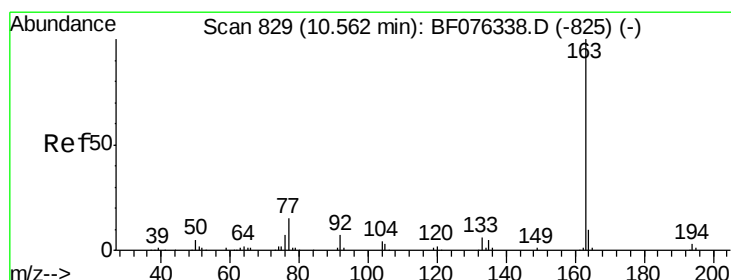
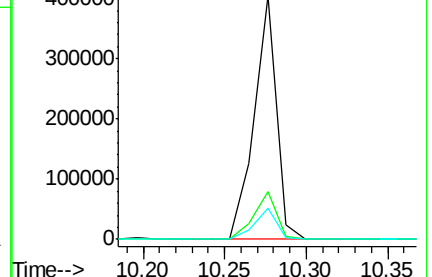
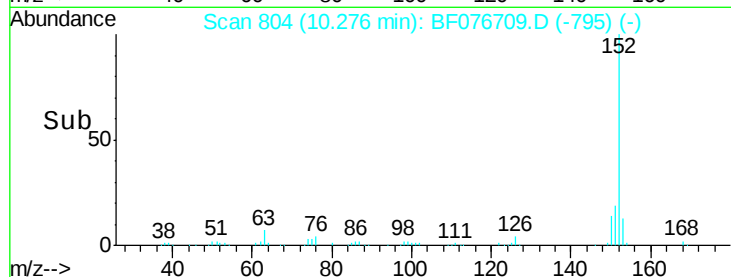
153 12.9 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.56 ng

RT: 10.17 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

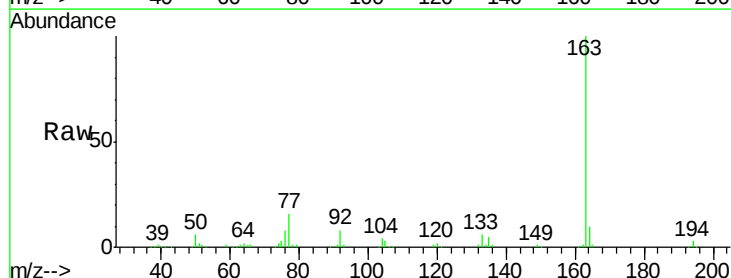
Tgt Ion:163 Resp: 291650

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

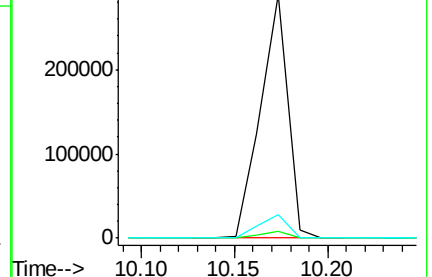
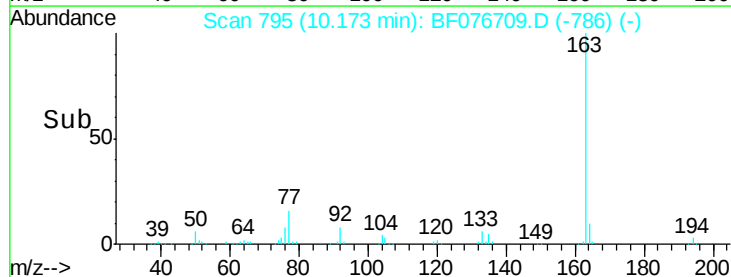
164 9.5 7.7 11.5

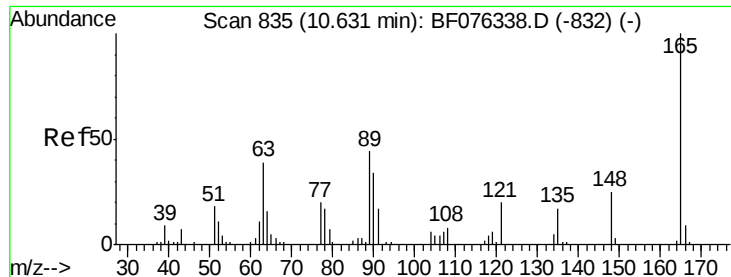


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

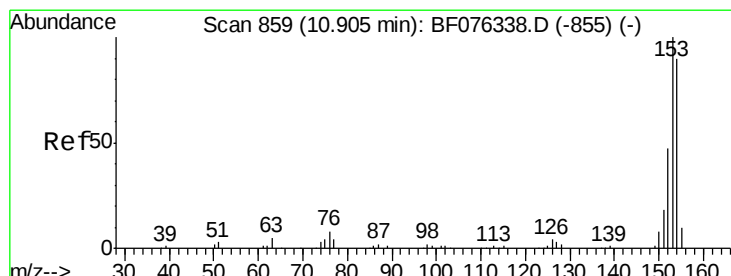
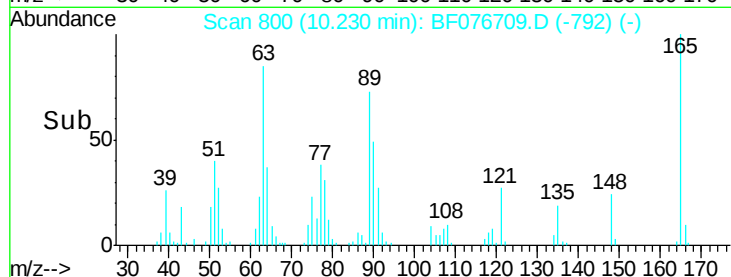
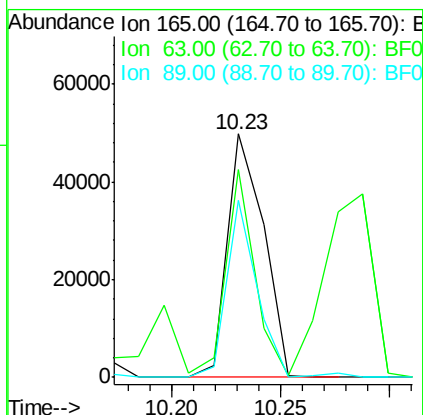
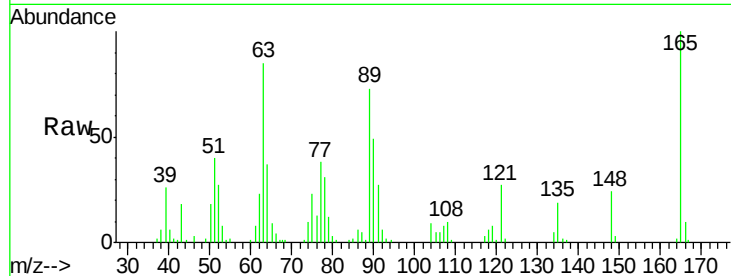




#50
 2,6-Dinitrotoluene
 Concen: 44.88 ng
 RT: 10.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

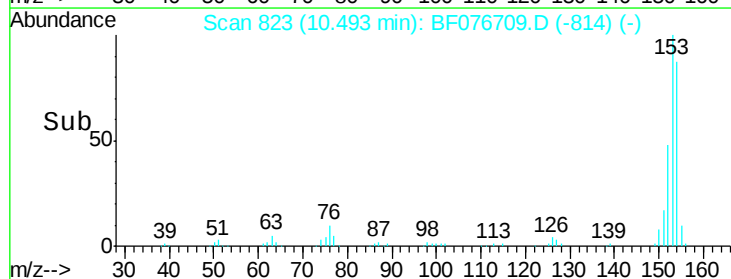
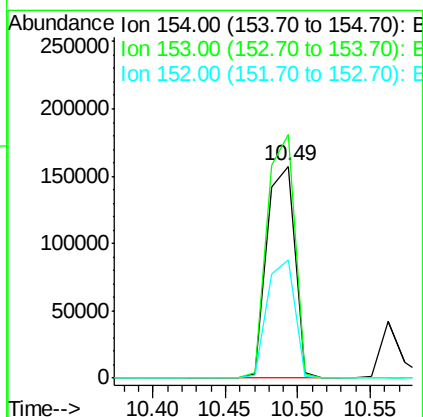
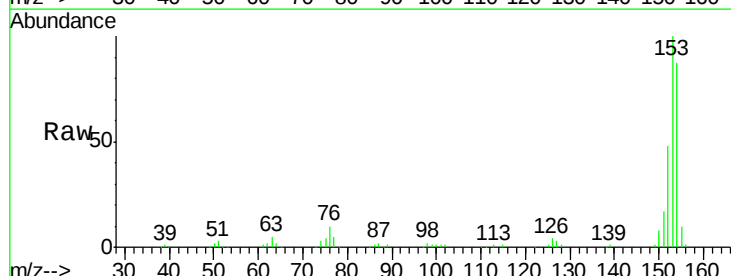
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

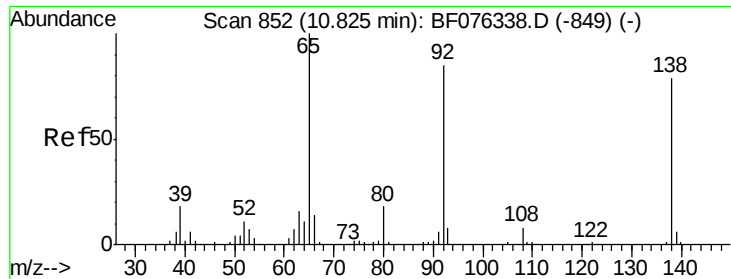
Tot Ion:165 Resp: 57593
 Ion Ratio Lower Upper
 165 100
 63 85.5 35.0 52.6#
 89 72.6 35.4 53.2#



#51
 Acenaphthene
 Concen: 41.86 ng
 RT: 10.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:154 Resp: 210148
 Ion Ratio Lower Upper
 154 100
 153 114.9 89.4 134.0
 152 55.5 42.1 63.1

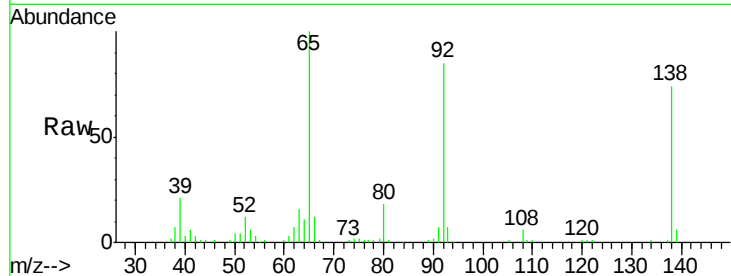




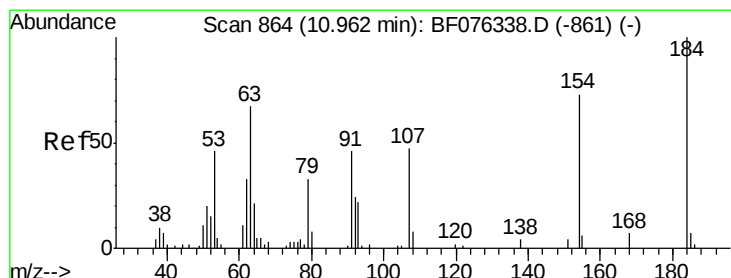
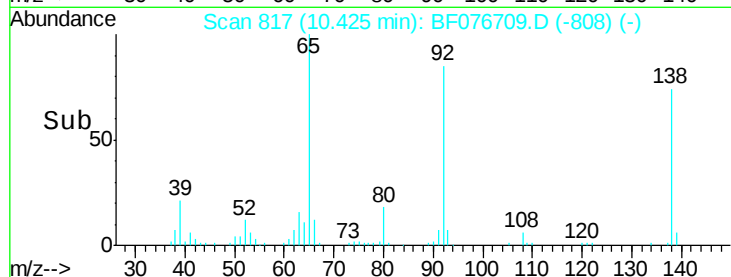
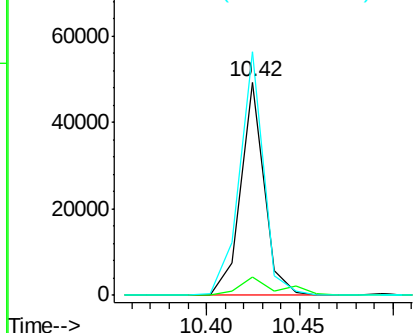
#52
3-Nitroaniline
Concen: 29.71 ng
RT: 10.42 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion:138 Resp: 43297
Ion Ratio Lower Upper
138 100
108 8.6 8.5 12.7
92 114.2 85.6 128.4

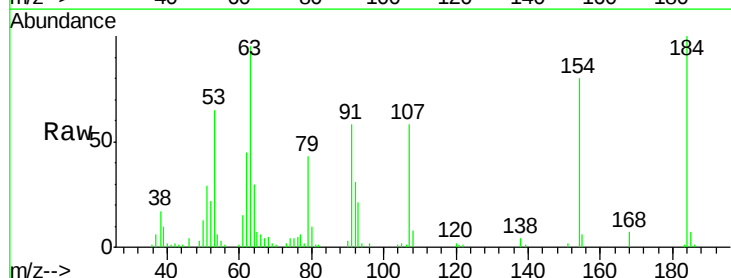


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

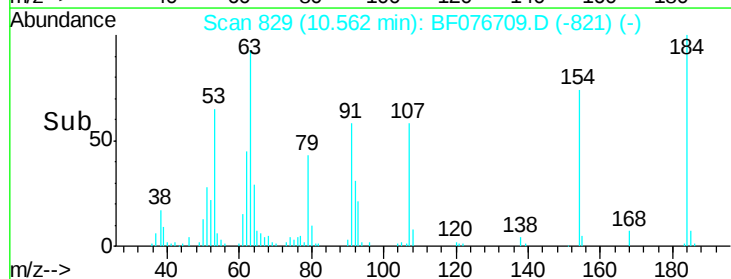
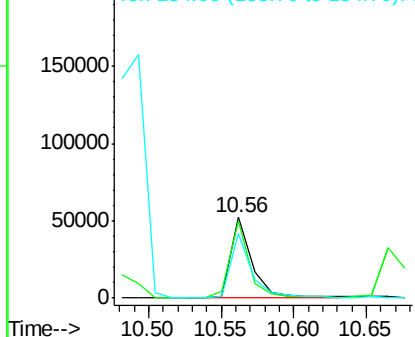


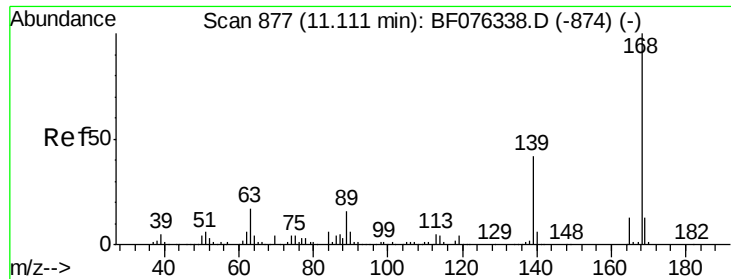
#53
2,4-Dinitrophenol
Concen: 74.72 ng
RT: 10.56 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:184 Resp: 53689
Ion Ratio Lower Upper
184 100
63 95.0 53.4 80.0#
154 80.5 58.5 87.7



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

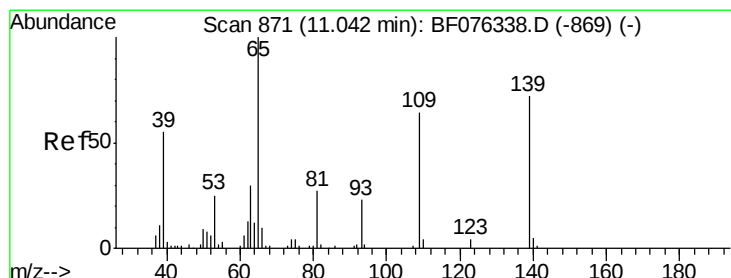
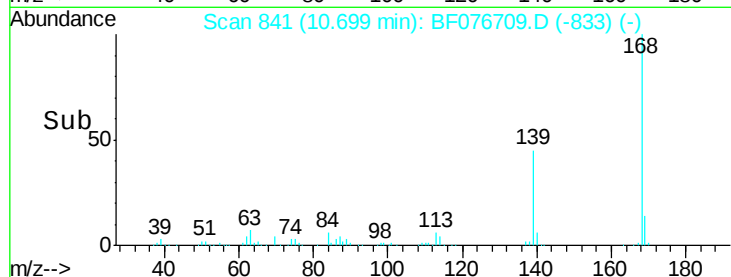
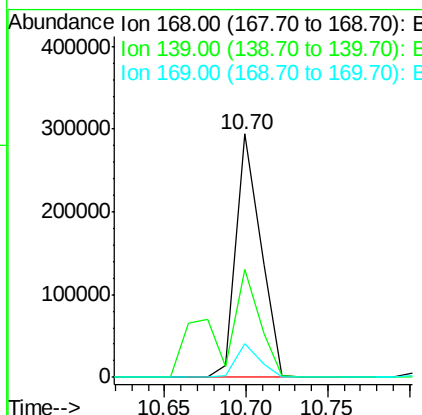
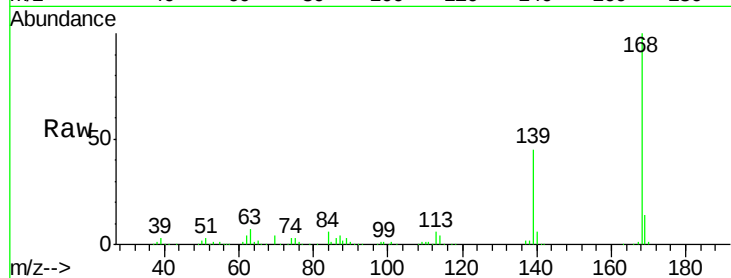




#54
Dibenzenofuran
Concen: 42.26 ng
RT: 10.70 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

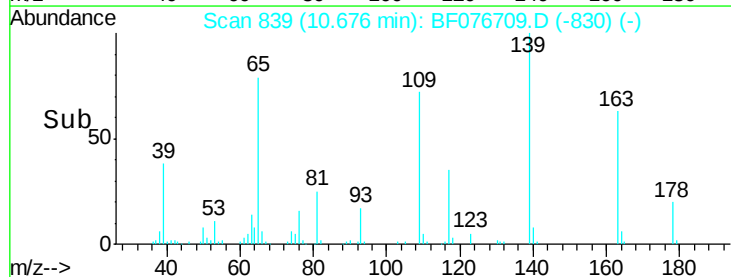
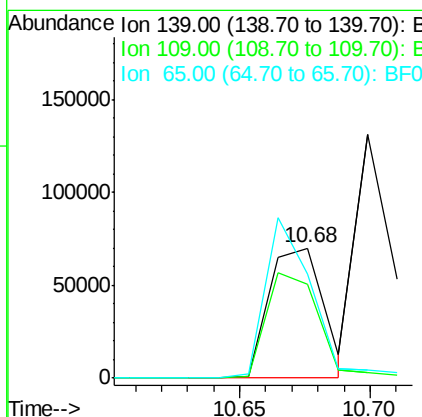
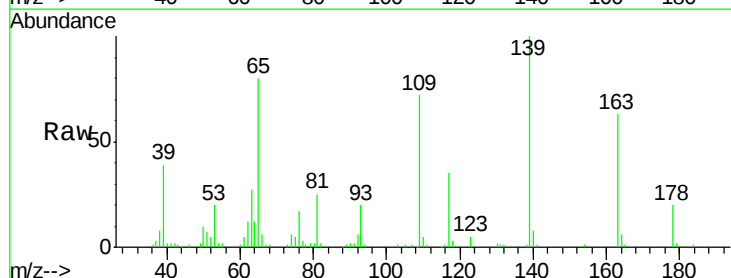
Instrument :
BNA_F
ClientSampleId :
PB81132BS

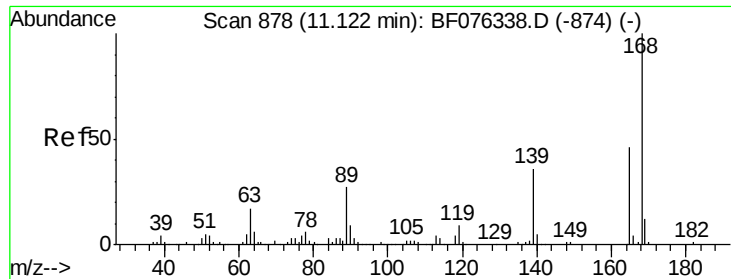
Tot Ion:168 Resp: 306875
Ion Ratio Lower Upper
168 100
139 44.6 34.2 51.4
169 14.0 10.6 16.0



#55
4-Nitrophenol
Concen: 90.97 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:139 Resp: 101638
Ion Ratio Lower Upper
139 100
109 71.9 69.1 109.1
65 79.9 119.8 159.8#

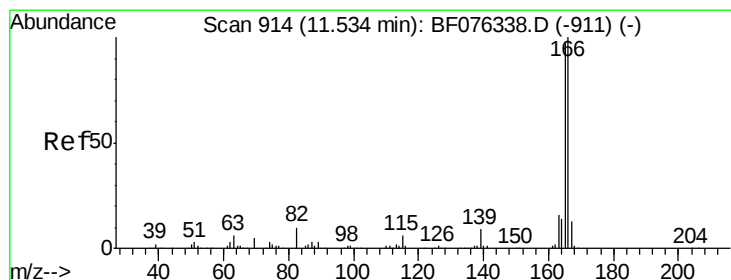
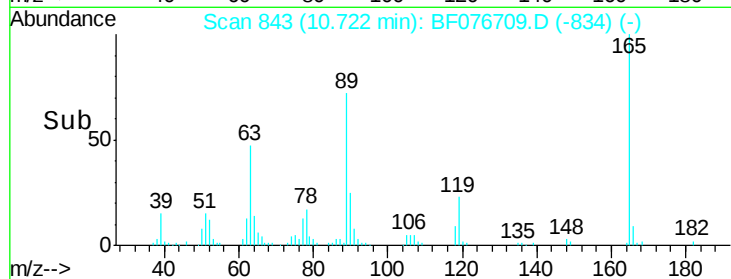
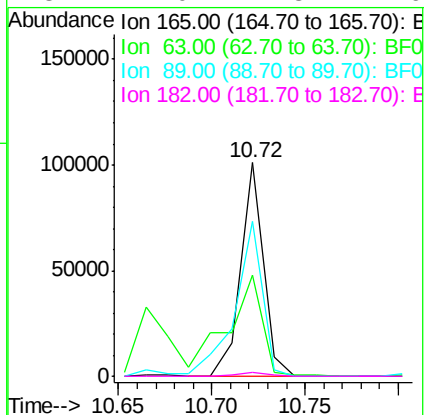
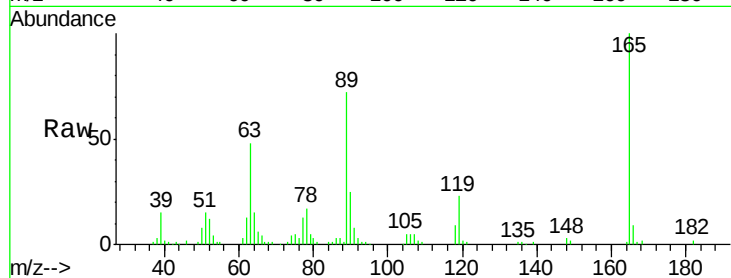




#56
2,4-Dinitrotoluene
Concen: 50.61 ng
RT: 10.72 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

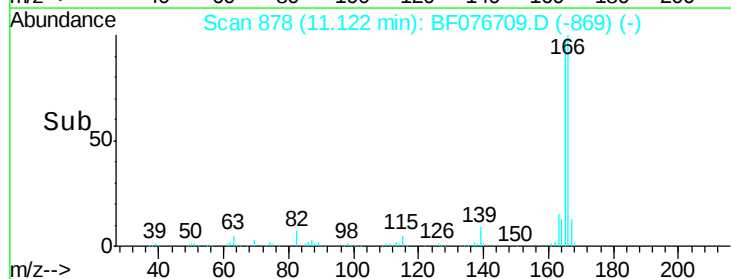
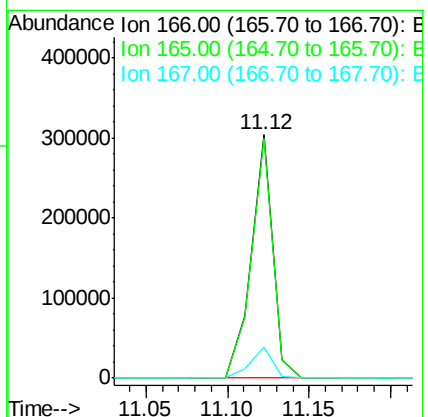
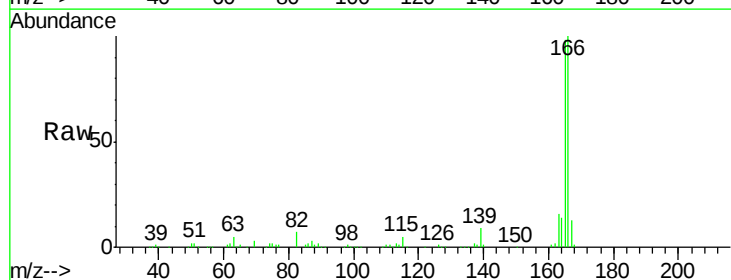
Instrument :
BNA_F
ClientSampleId :
PB81132BS

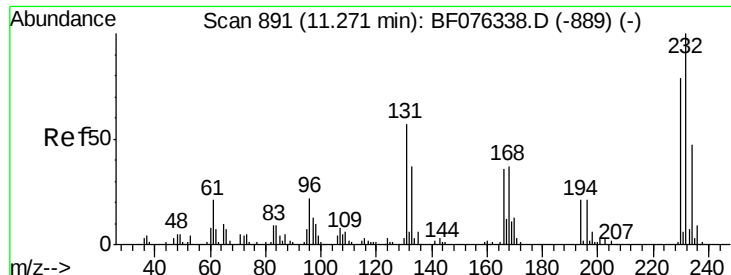
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	30.2	45.2#
89	72.4	46.8	70.2#
182	2.0	1.8	2.6



#57
Fluorene
Concen: 45.64 ng
RT: 11.12 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	12.9	10.6	15.8

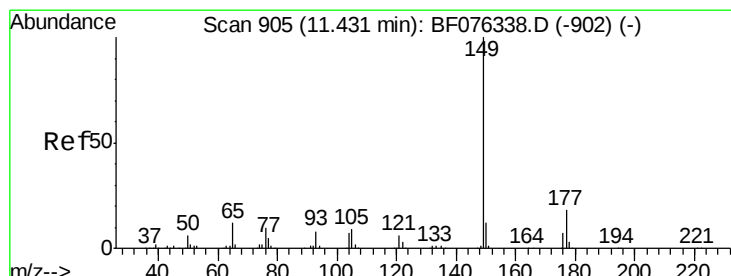
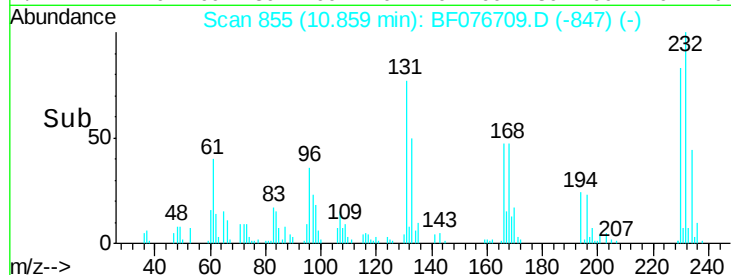
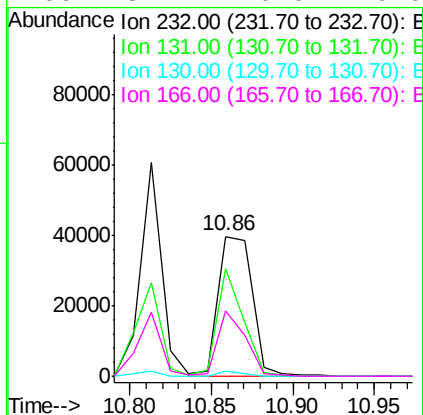
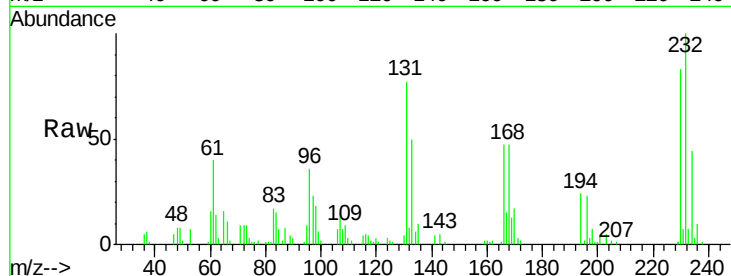




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.74 ng
 RT: 10.86 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

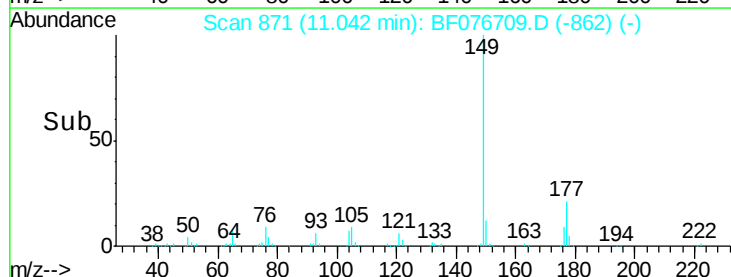
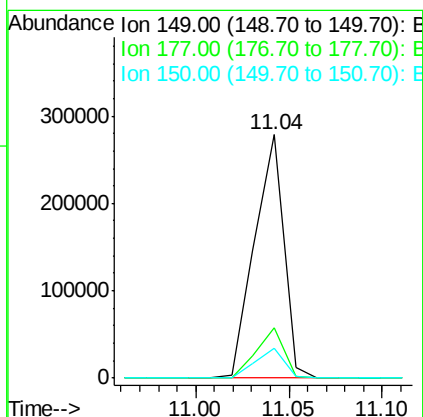
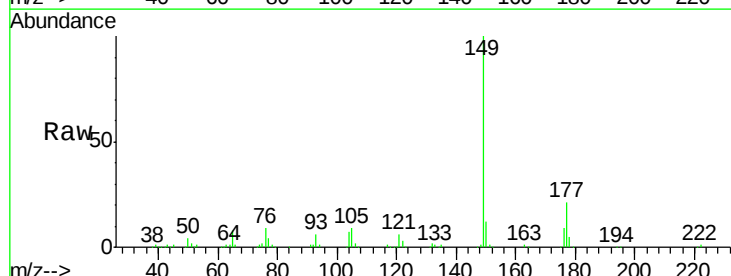
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

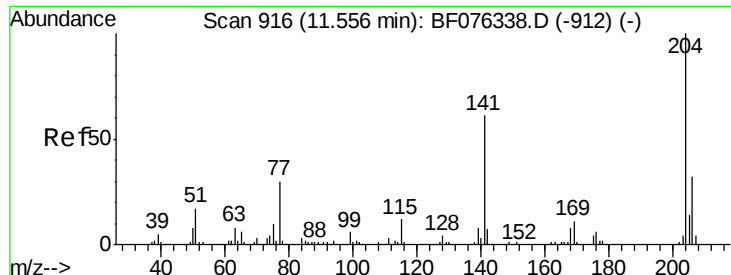
Tot Ion:232 Resp: 57830
 Ion Ratio Lower Upper
 232 100
 131 57.8 0.0 0.0#
 130 2.8 0.0 0.0#
 166 37.7 0.0 0.0#



#59
 Diethylphthalate
 Concen: 47.07 ng
 RT: 11.04 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:149 Resp: 301148
 Ion Ratio Lower Upper
 149 100
 177 20.7 14.7 22.1
 150 12.3 9.8 14.6

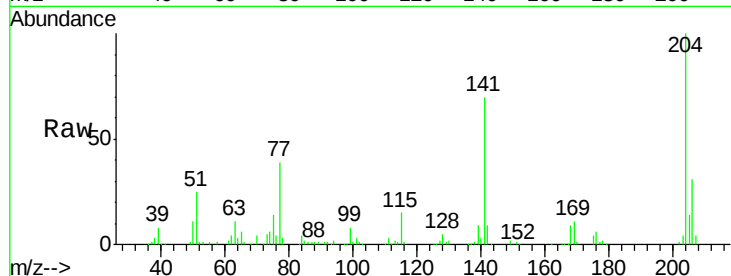




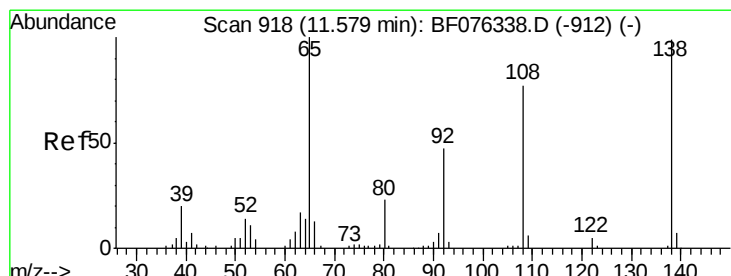
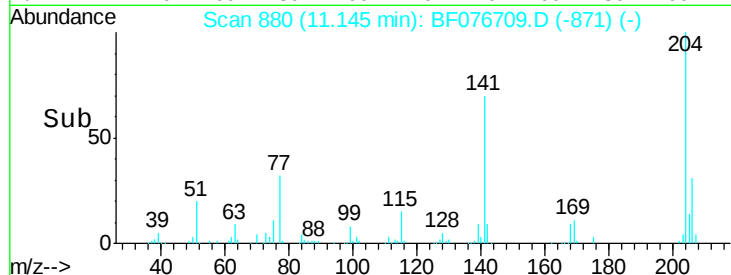
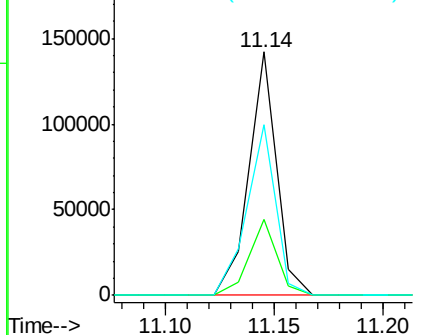
#60
4-Chlorophenyl-phenylether
Concen: 47.60 ng
RT: 11.14 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion:204 Resp: 125649
Ion Ratio Lower Upper
204 100
206 30.9 25.6 38.4
141 70.1 48.5 72.7

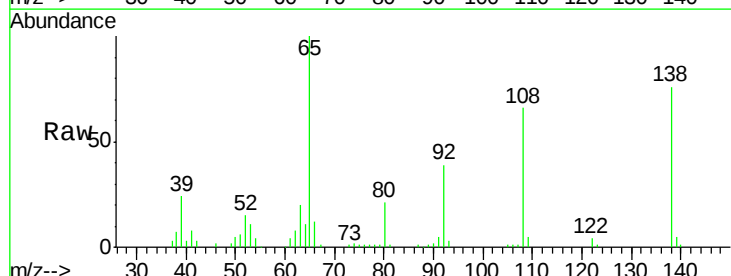


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

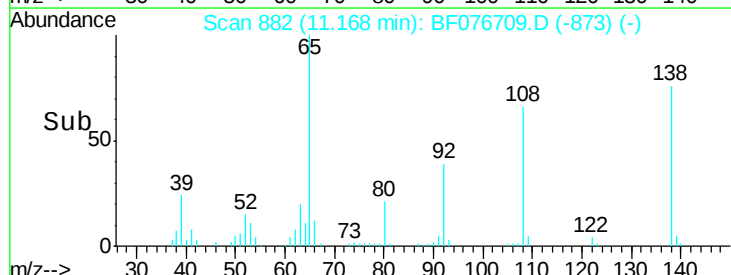
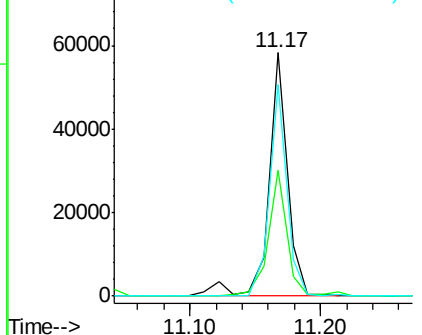


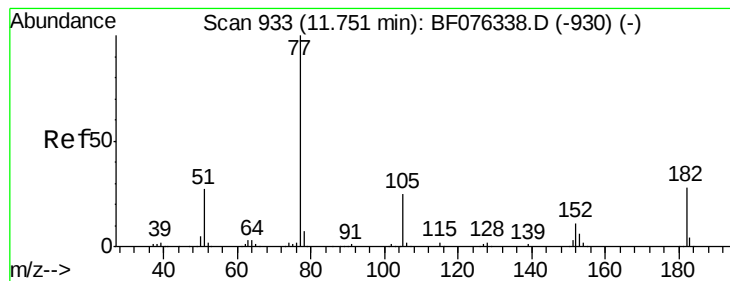
#61
4-Nitroaniline
Concen: 38.82 ng
RT: 11.17 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:138 Resp: 59457
Ion Ratio Lower Upper
138 100
92 51.7 27.7 67.7
108 86.8 57.5 97.5



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: 45.90 ng

RT: 11.34 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

Tot Ion: 77 Resp: 289341

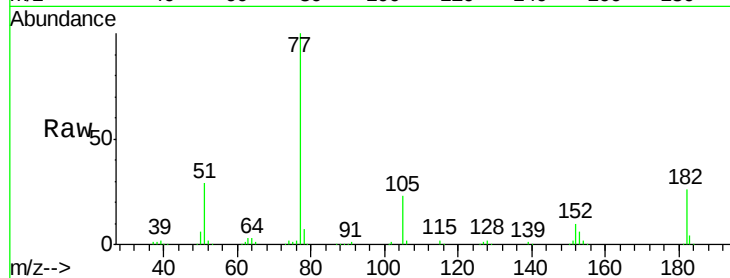
Ion Ratio Lower Upper

77 100

182 26.2 8.3 48.3

105 22.9 4.6 44.6

51 29.0 7.6 47.6

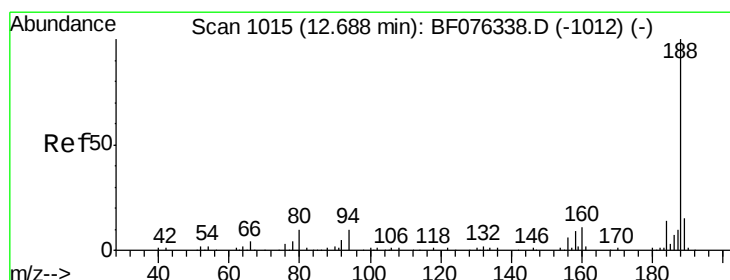
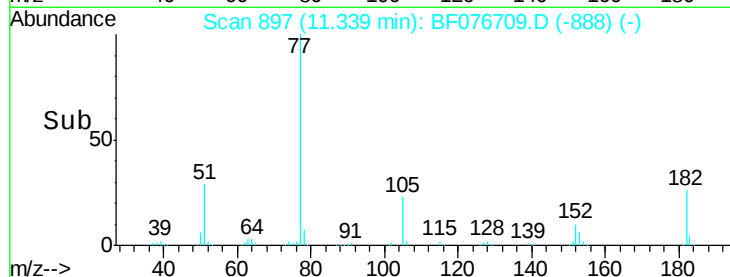
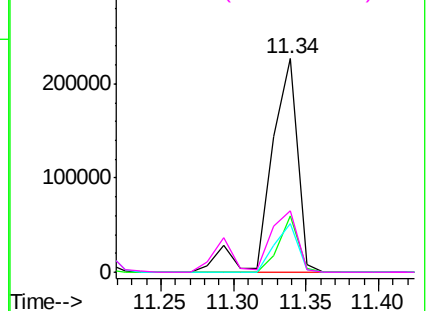


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.25 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

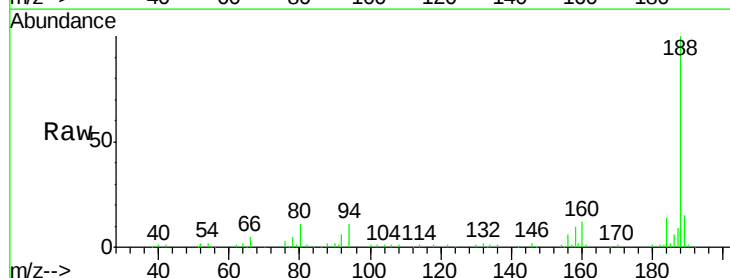
Tgt Ion: 188 Resp: 152024

Ion Ratio Lower Upper

188 100

94 10.6 7.9 11.9

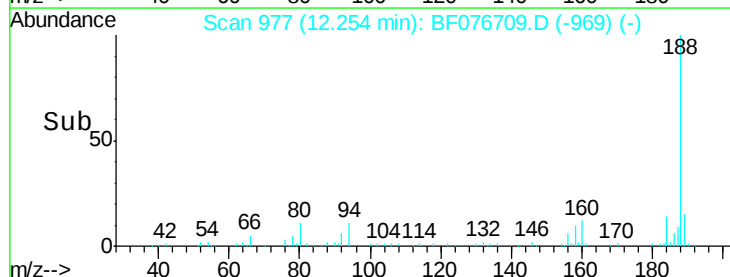
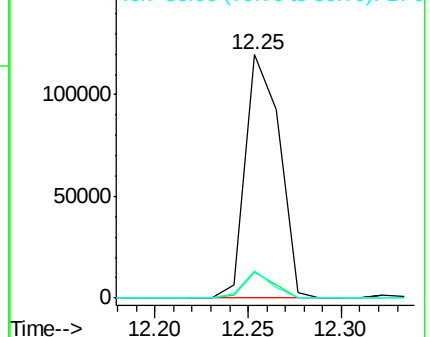
80 11.0 8.2 12.2

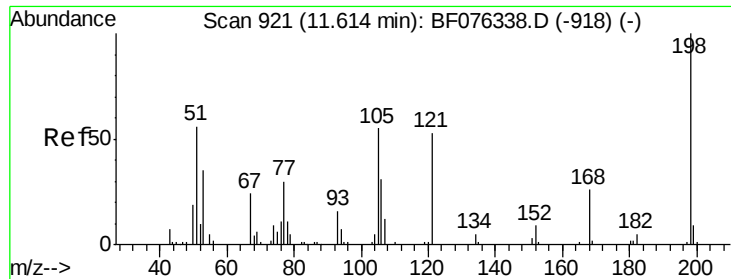


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

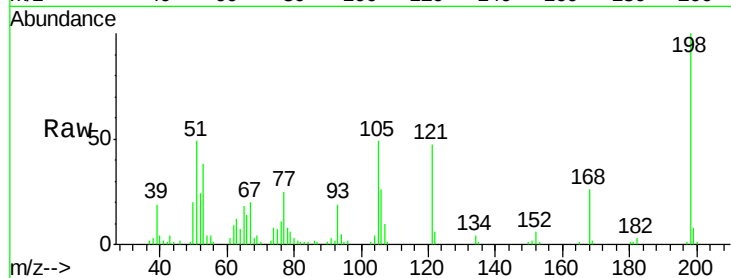




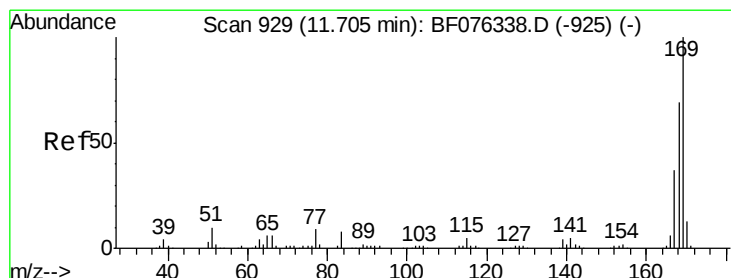
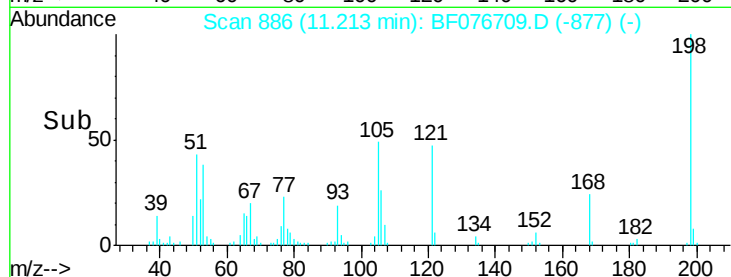
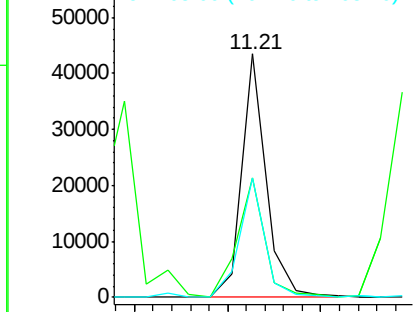
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.05 ng
 RT: 11.21 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

Tot Ion:198 Resp: 39990
 Ion Ratio Lower Upper
 198 100
 51 49.1 45.3 85.3
 105 48.8 36.3 76.3

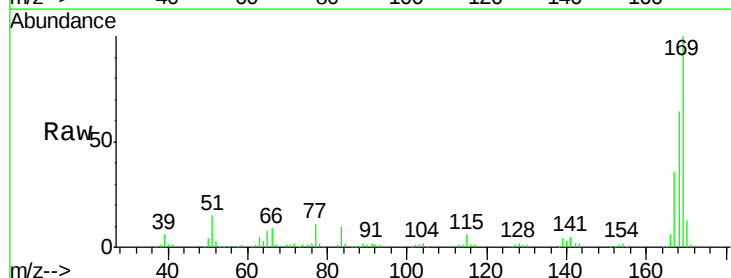


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

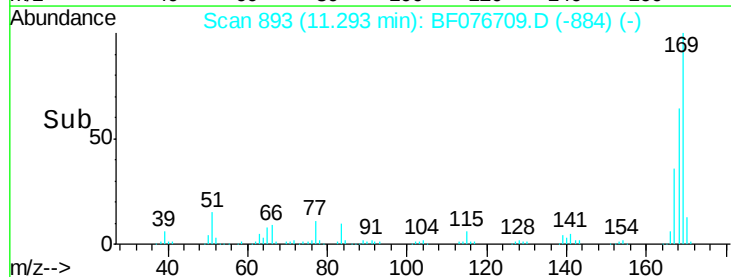
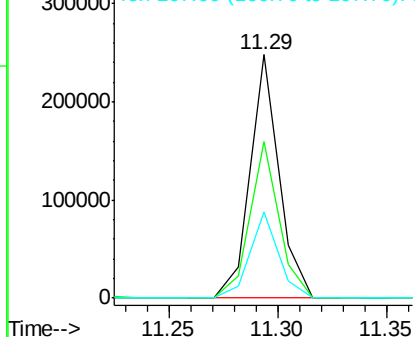


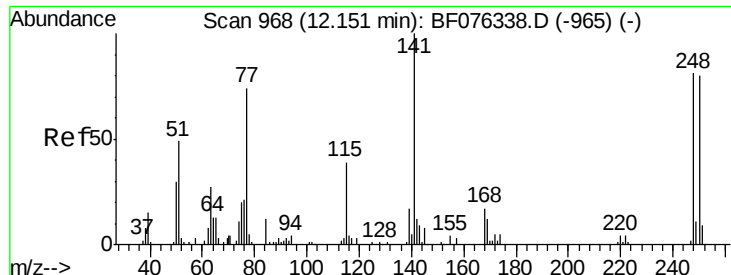
#65
 n-Nitrosodiphenylamine
 Concen: 42.98 ng
 RT: 11.29 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:169 Resp: 229524
 Ion Ratio Lower Upper
 169 100
 168 64.3 55.2 82.8
 167 35.6 29.5 44.3



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

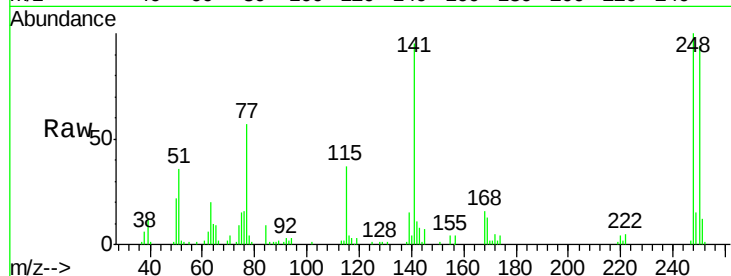




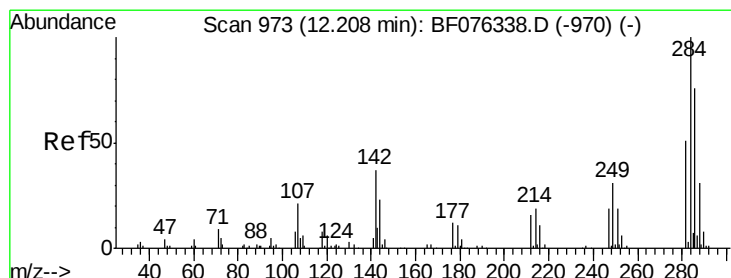
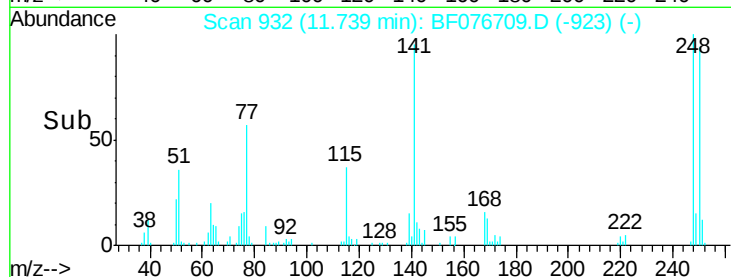
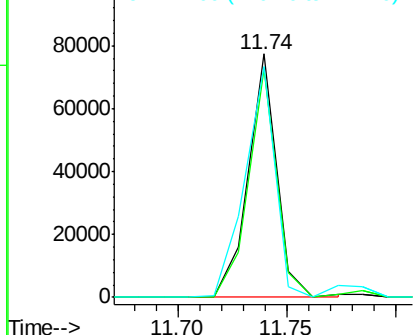
#66
4-Bromophenyl-phenylether
Concen: 47.44 ng
RT: 11.74 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion:248 Resp: 70253
Ion Ratio Lower Upper
248 100
250 93.7 78.4 117.6
141 94.7 98.5 147.7#

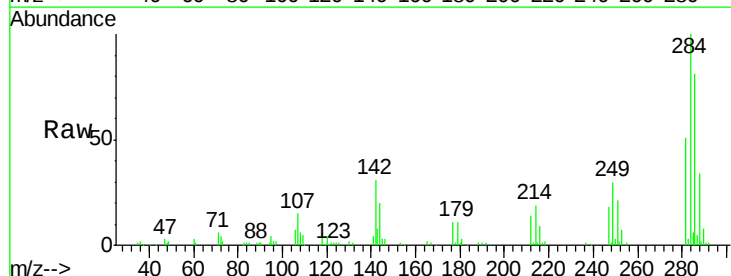


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

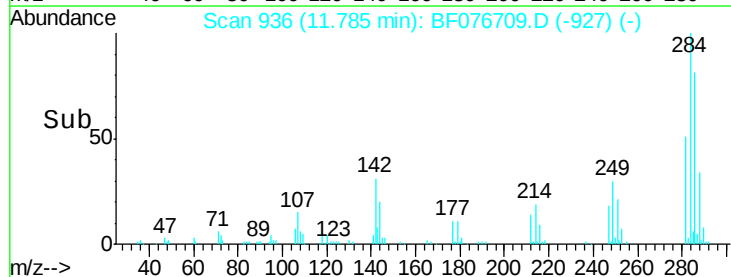
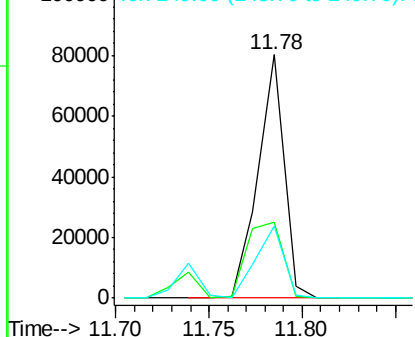


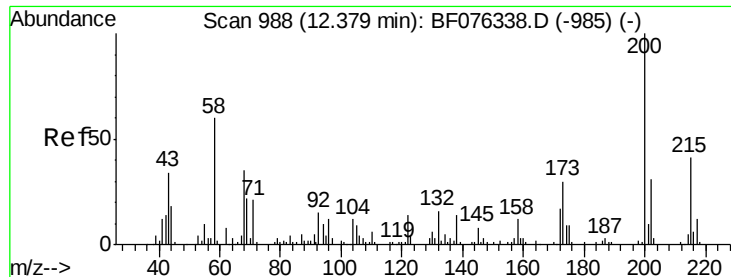
#67
Hexachlorobenzene
Concen: 44.89 ng
RT: 11.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:284 Resp: 77583
Ion Ratio Lower Upper
284 100
142 31.3 30.0 45.0
249 29.8 24.7 37.1



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

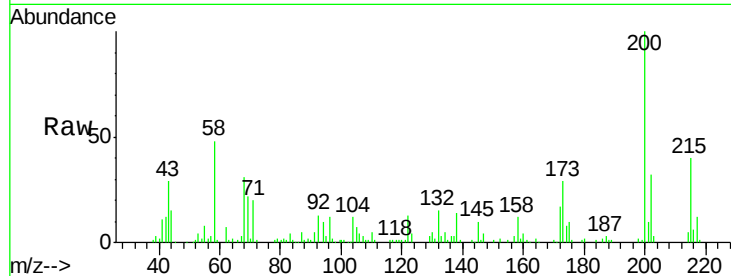




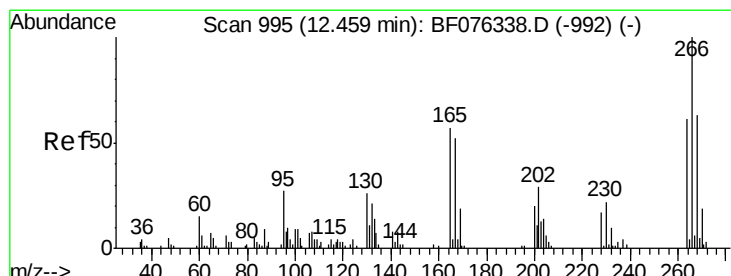
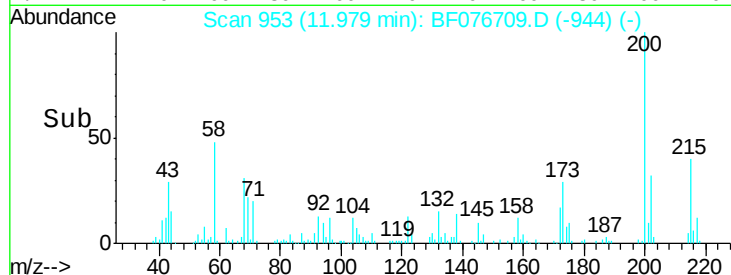
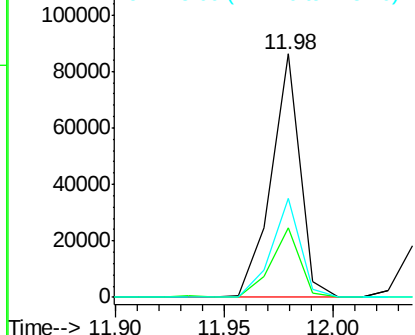
#68
Atrazine
Concen: 50.19 ng
RT: 11.98 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	10.0	50.0
215	40.5	21.4	61.4

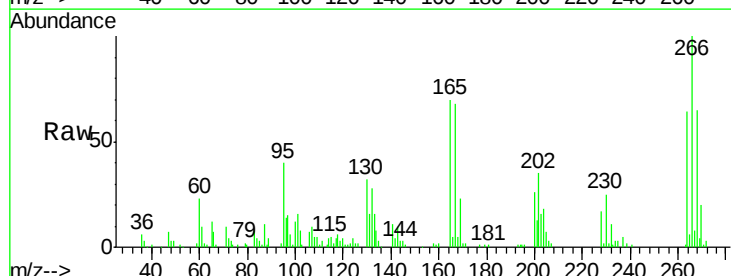


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

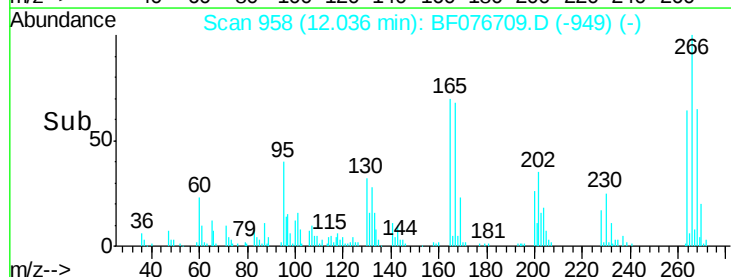
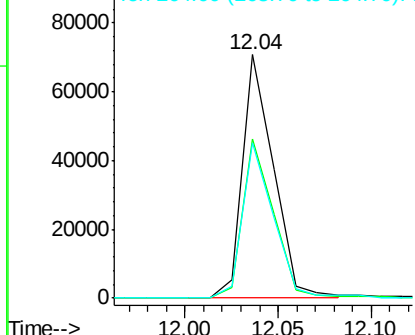


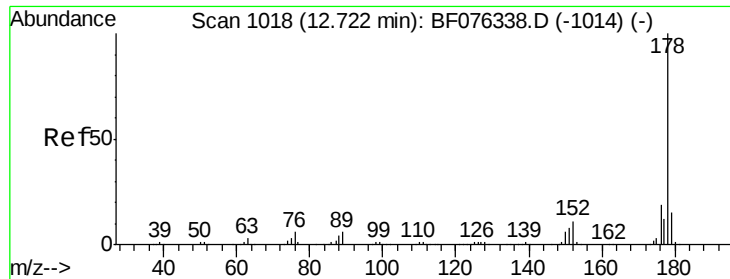
#69
Pentachlorophenol
Concen: 96.87 ng
RT: 12.04 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.7	76.1
264	63.9	48.7	73.1



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

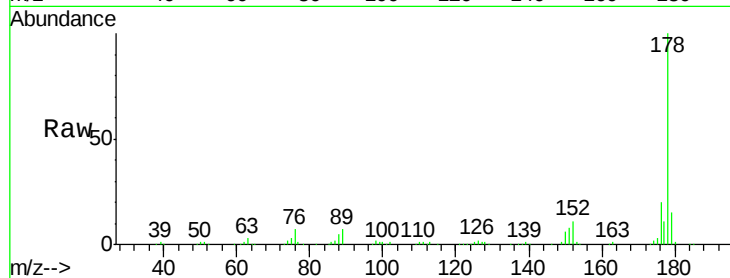




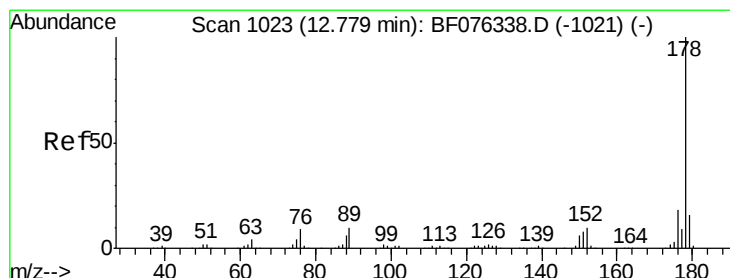
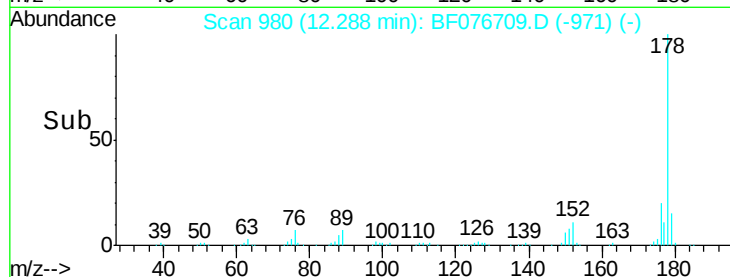
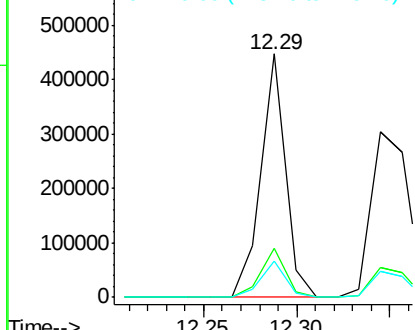
#70
Phenanthrene
Concen: 44.31 ng
RT: 12.29 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion:178 Resp: 406401
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 14.9 12.2 18.4

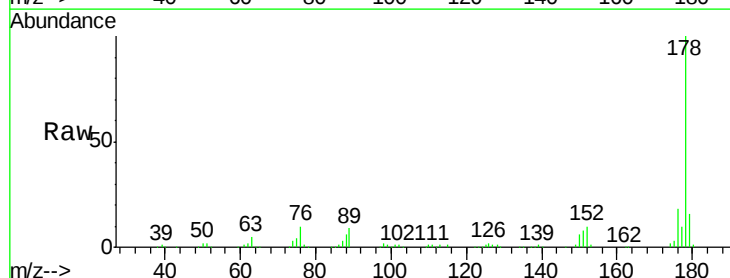


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

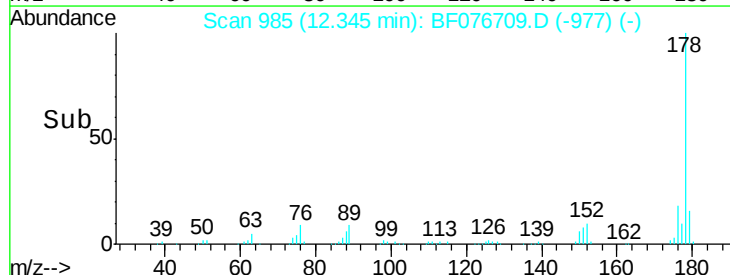
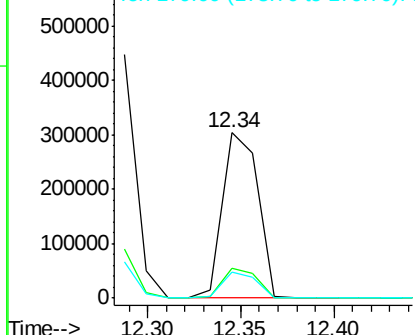


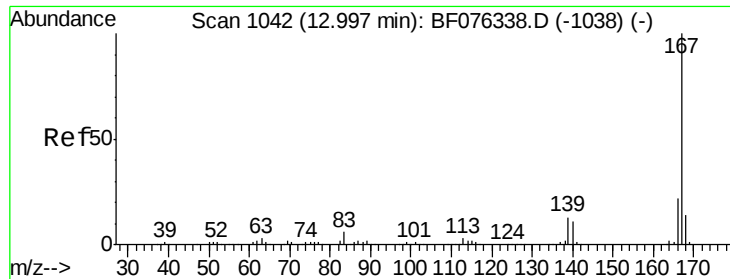
#71
Anthracene
Concen: 44.98 ng
RT: 12.34 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:178 Resp: 404805
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.8 12.7 19.1



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

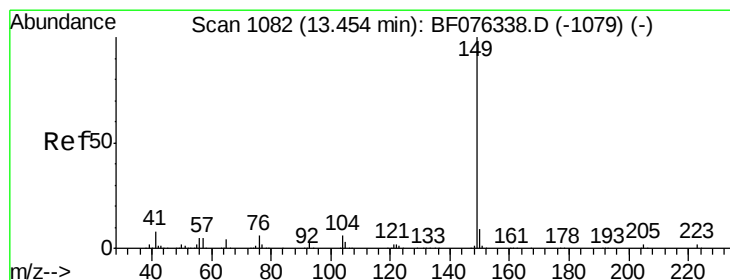
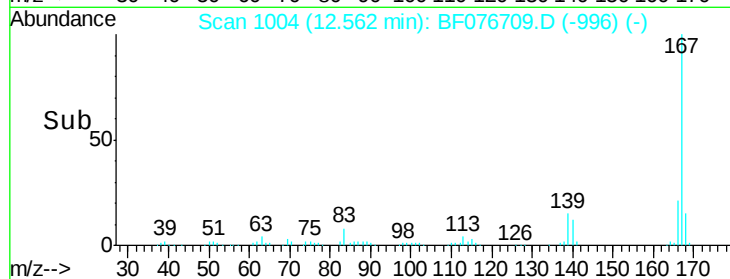
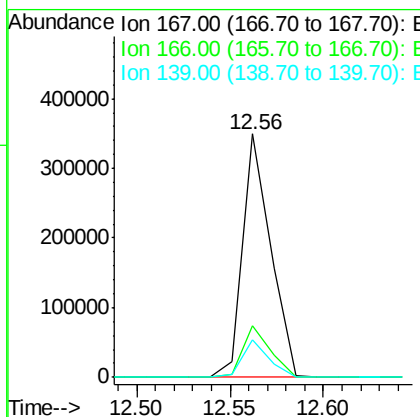
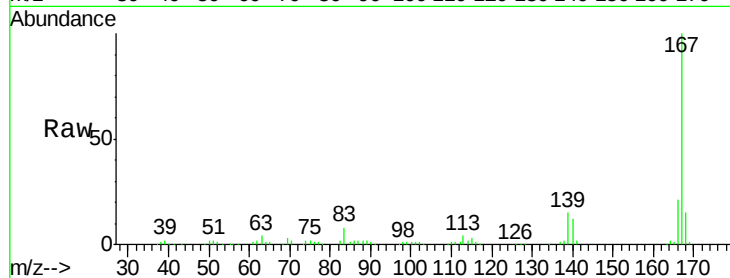




#72
 Carbazole
 Concen: 41.89 ng
 RT: 12.56 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

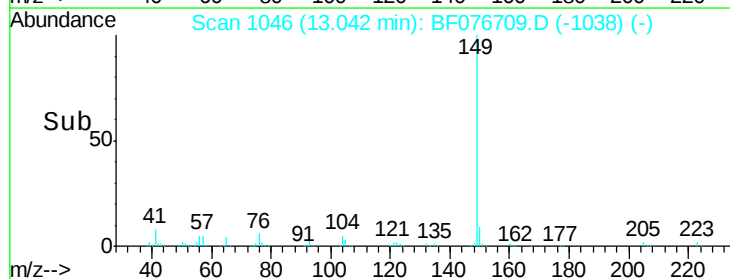
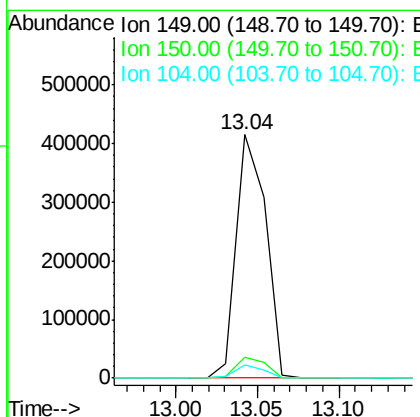
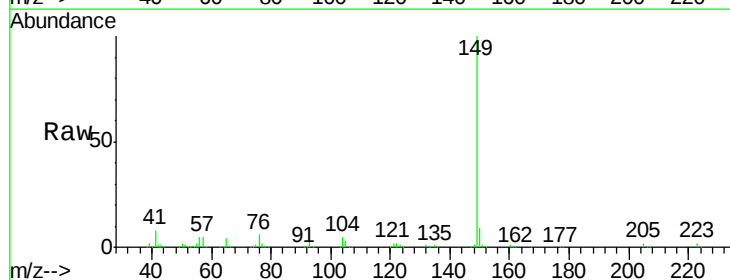
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

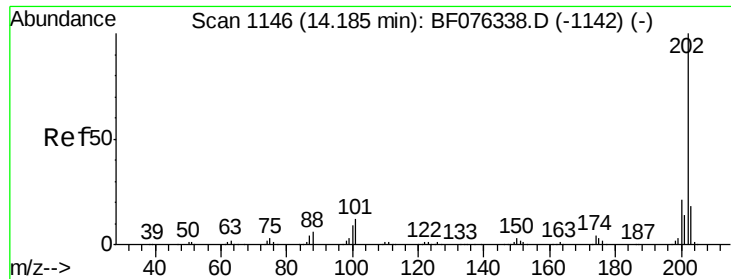
Tot Ion:167 Resp: 365634
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 15.2 10.6 16.0



#73
 Di-n-butylphthalate
 Concen: 48.16 ng
 RT: 13.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion:149 Resp: 516327
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.1 10.7
 104 5.4 4.5 6.7

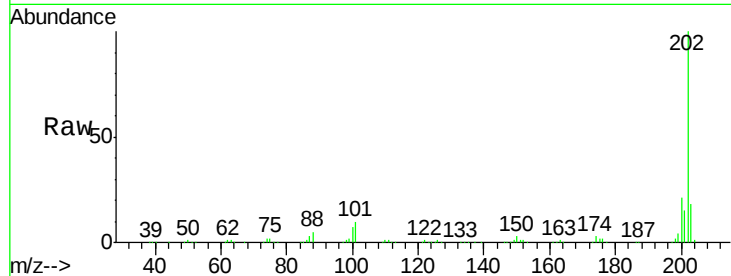




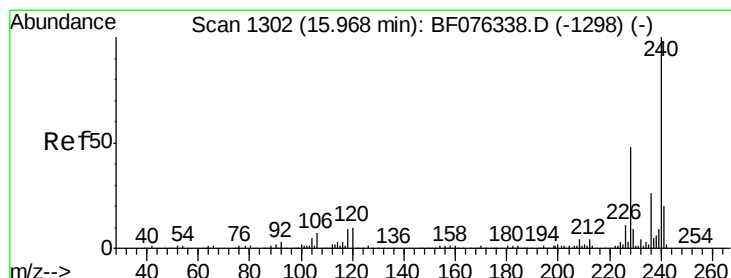
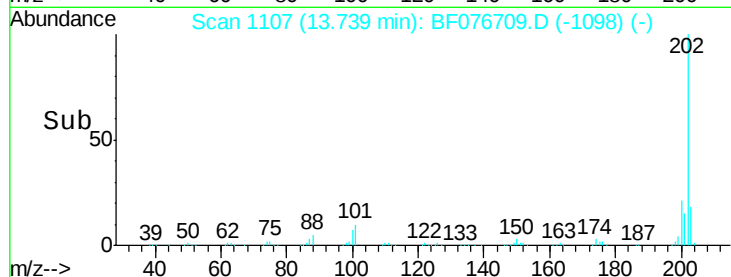
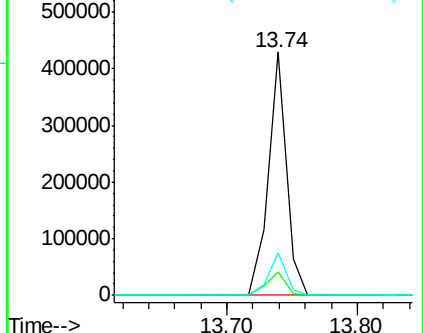
#74
 Fluoranthene
 Concen: 45.01 ng
 RT: 13.74 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.3
203	17.8	0.0	37.5

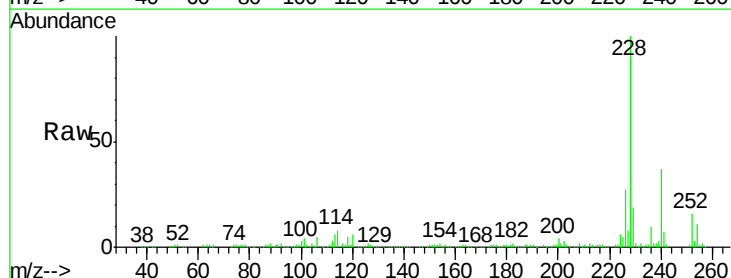


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

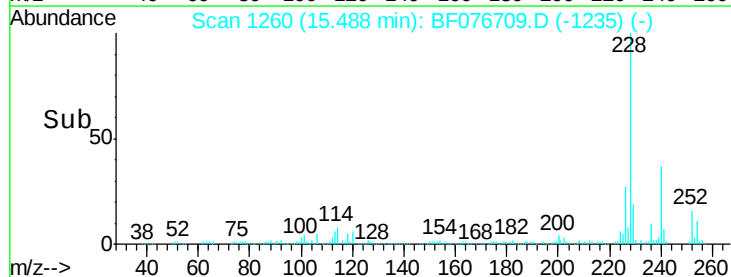
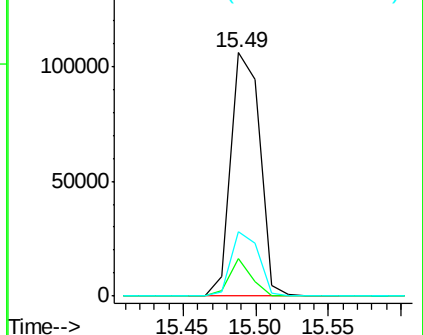


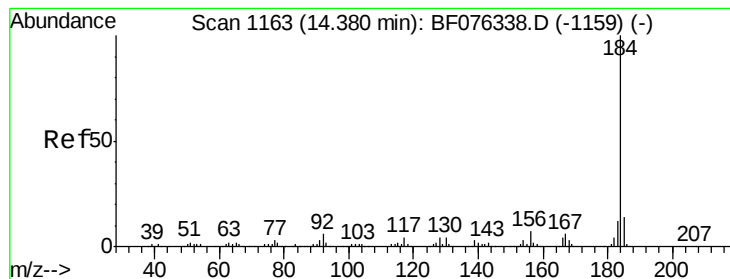
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	8.0	12.0#
236	26.3	20.6	30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 28.04 ng

RT: 13.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

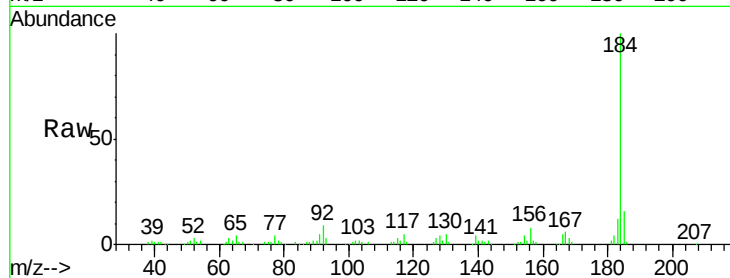
Tot Ion:184 Resp: 172083

Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.0

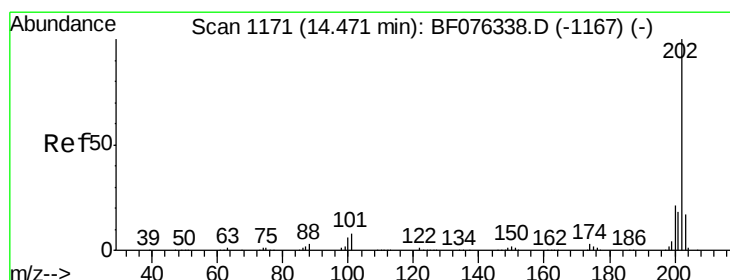
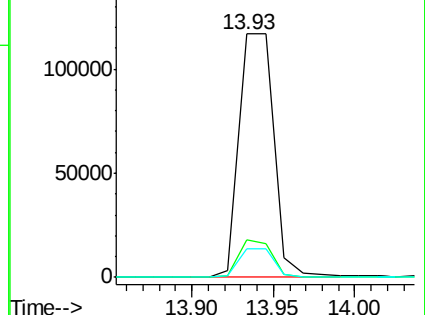
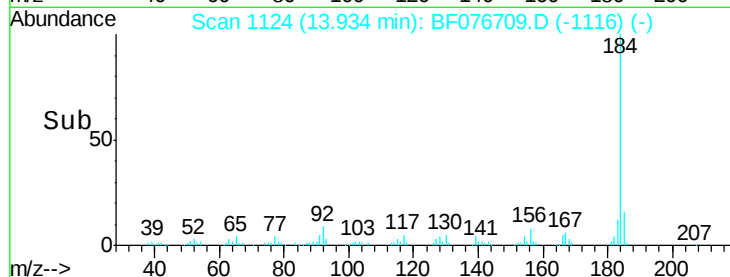
183 11.7 9.3 13.9



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: 42.67 ng

RT: 14.01 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

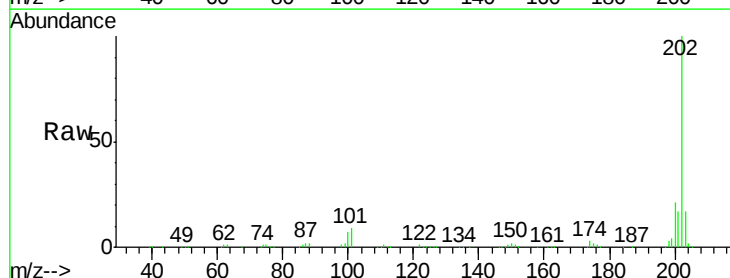
Tgt Ion:202 Resp: 439599

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

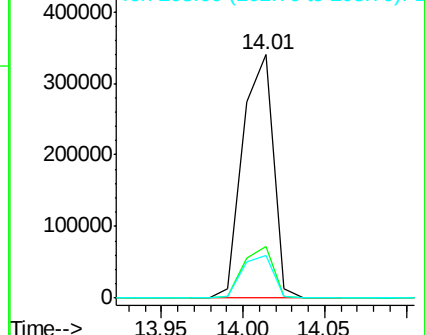
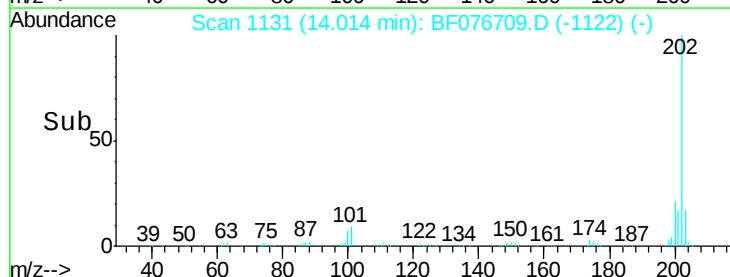
203 17.3 13.5 20.3

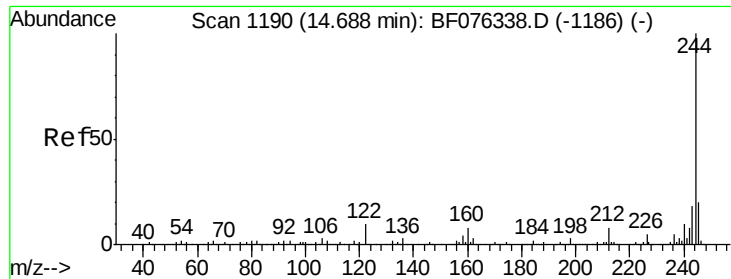


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.01 ng

RT: 14.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

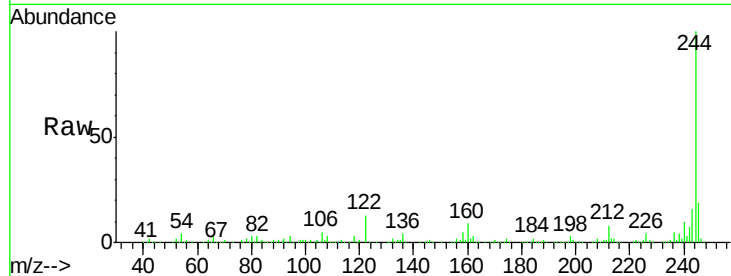
Tot Ion:244 Resp: 527476

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

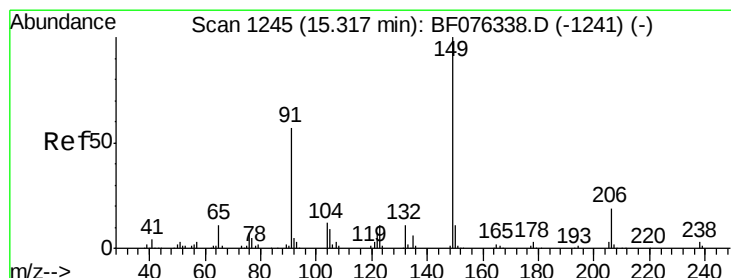
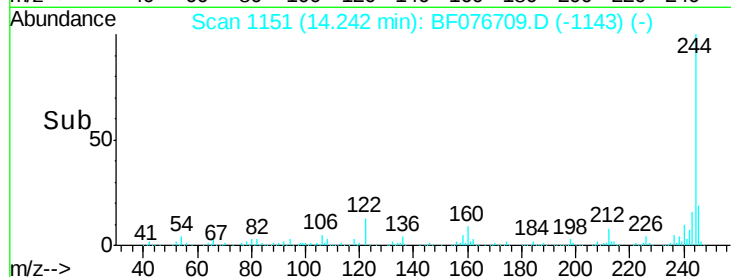
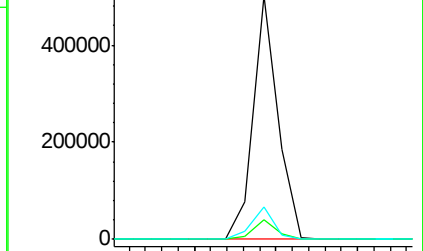
122 13.4 8.2 12.2#



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: 50.17 ng

RT: 14.87 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

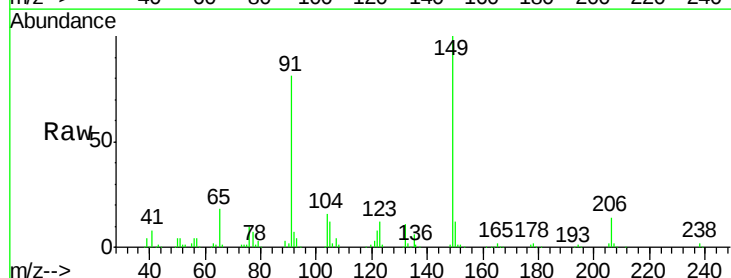
Tgt Ion:149 Resp: 247078

Ion Ratio Lower Upper

149 100

91 81.0 45.9 68.9#

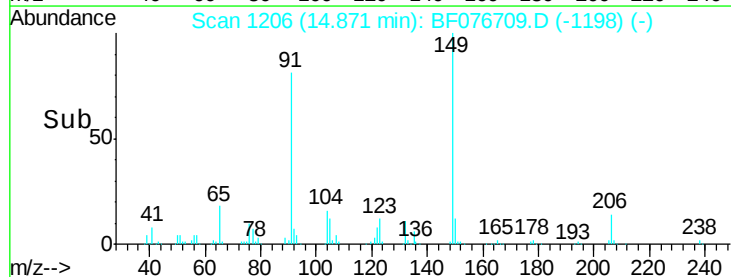
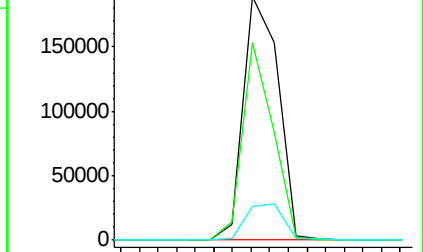
206 13.8 15.1 22.7#

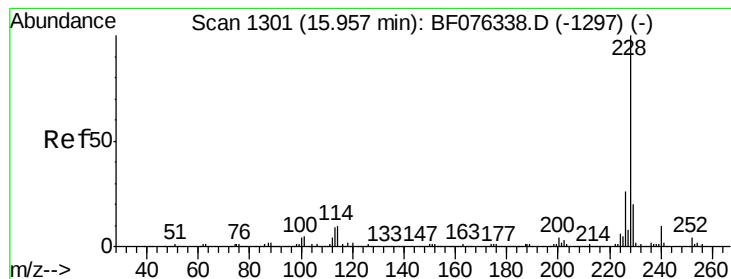


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.32 ng

RT: 15.49 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

Instrument :

BNA_F

ClientSampleId :

PB81132BS

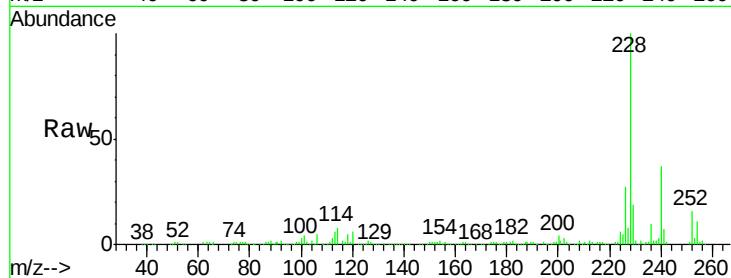
Tot Ion:228 Resp: 415585

Ion Ratio Lower Upper

228 100

226 26.9 20.9 31.3

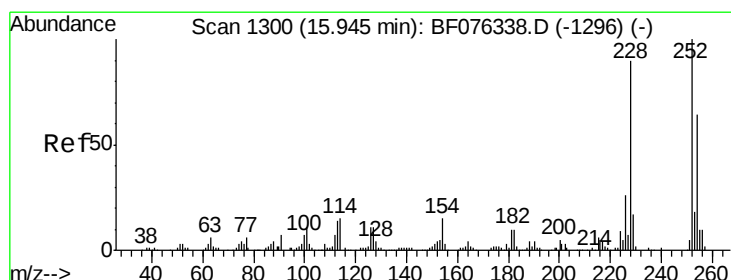
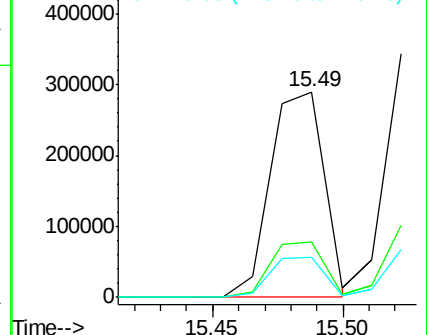
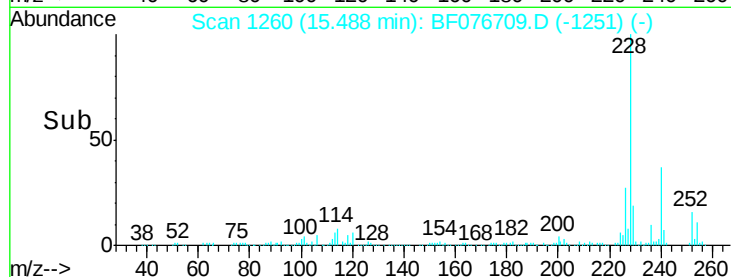
229 19.2 15.8 23.8



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: 28.42 ng

RT: 15.48 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF076709.D

Acq: 31 Dec 2014 18:53

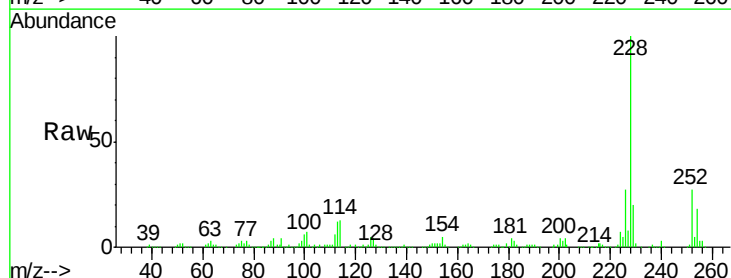
Tgt Ion:252 Resp: 87112

Ion Ratio Lower Upper

252 100

254 64.3 50.9 76.3

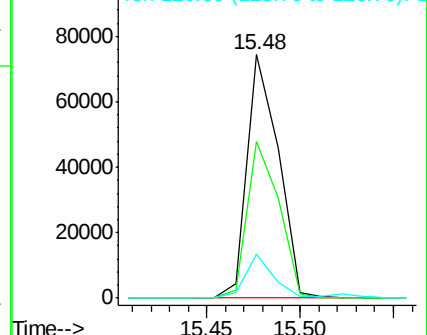
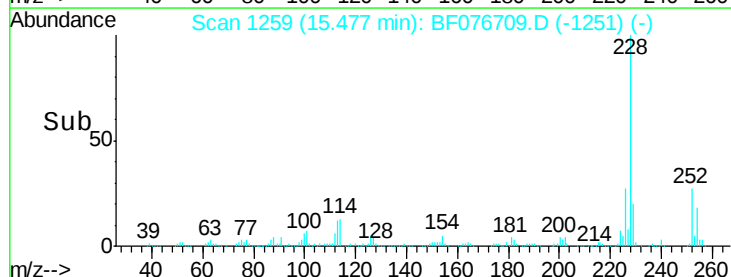
126 18.1 8.4 12.6#

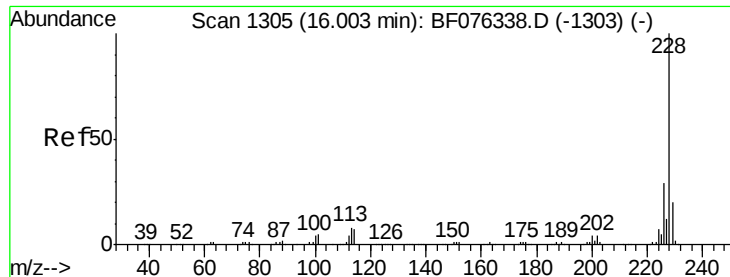


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

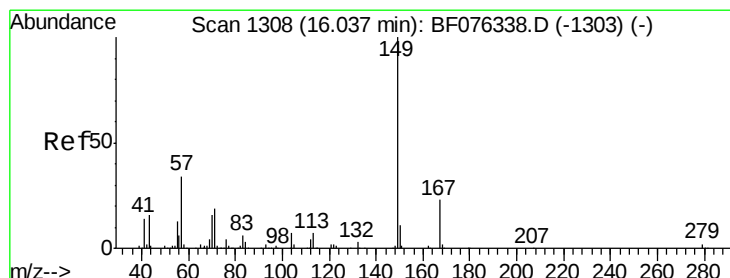
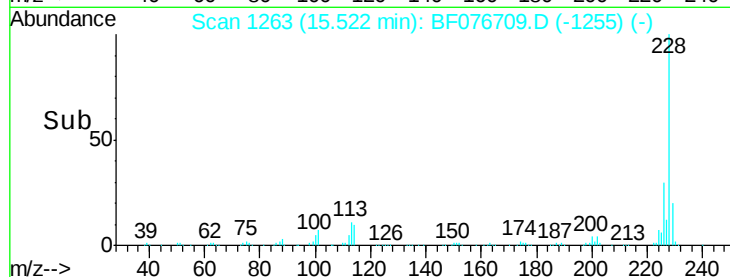
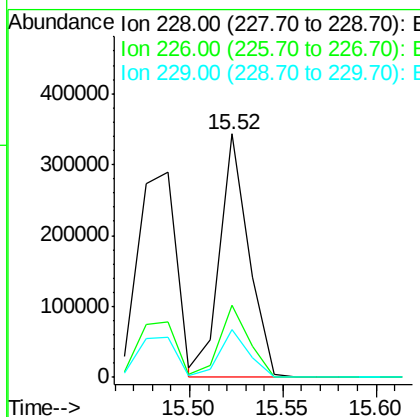
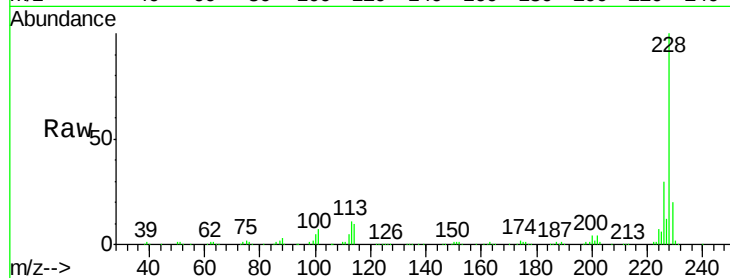




#82
 Chrysene
 Concen: 44.37 ng
 RT: 15.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

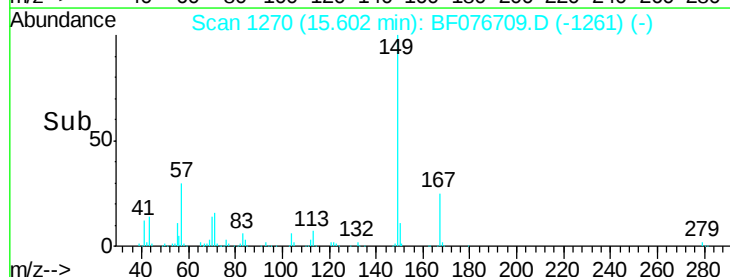
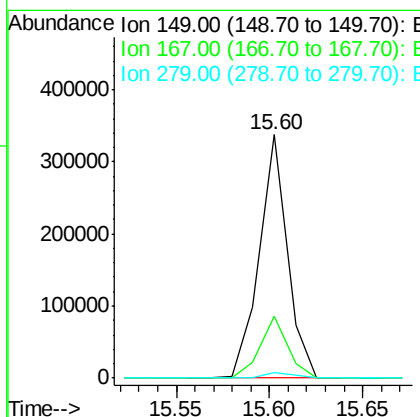
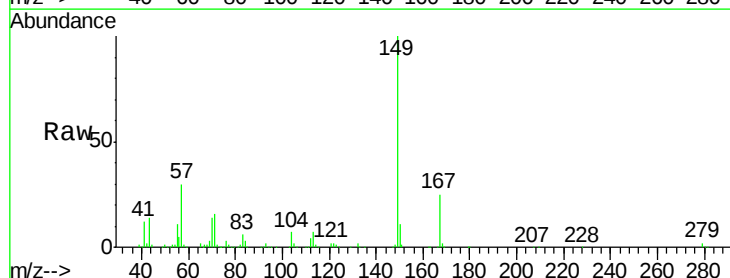
Instrument :
 BNA_F
 ClientSampleId :
 PB81132BS

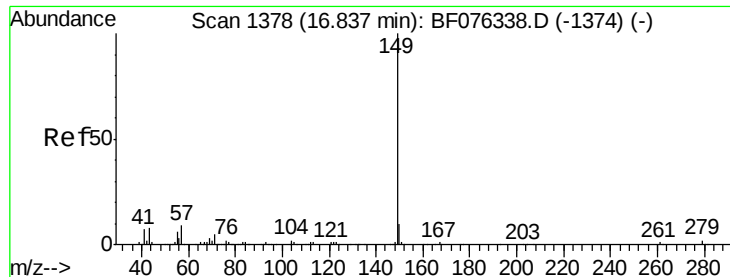
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	19.8	15.9	23.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.15 ng
 RT: 15.60 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF076709.D
 Acq: 31 Dec 2014 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	18.7	28.1
279	2.3	1.5	2.3#

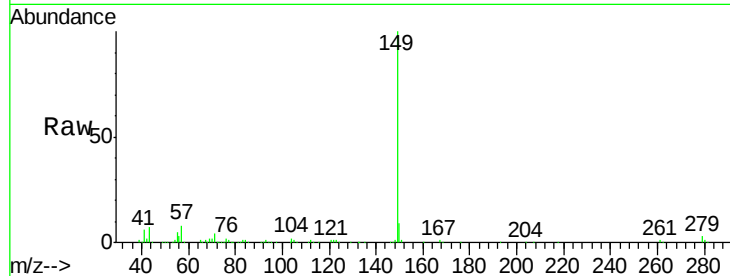




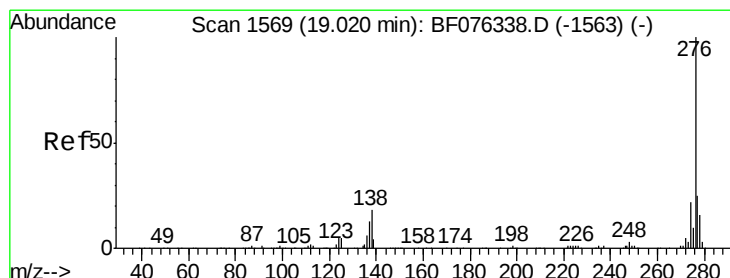
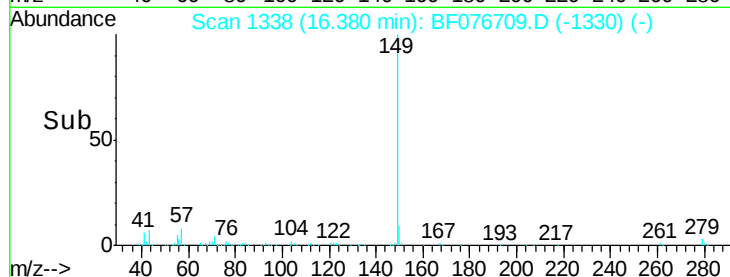
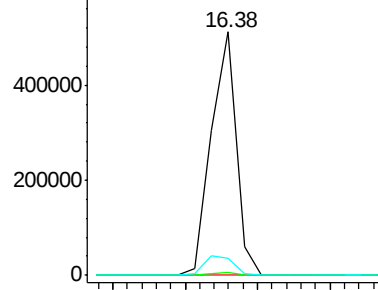
#84
Di-n-octyl phthalate
Concen: 48.23 ng
RT: 16.38 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion:149 Resp: 613652
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 7.1 10.7

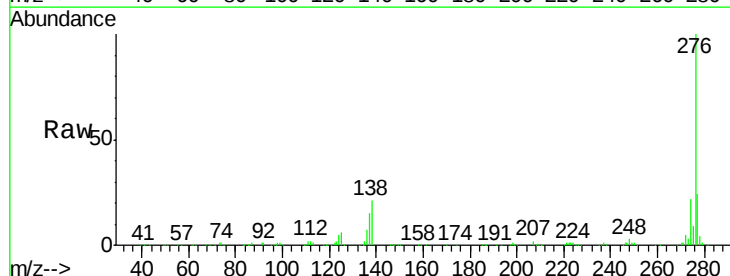


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

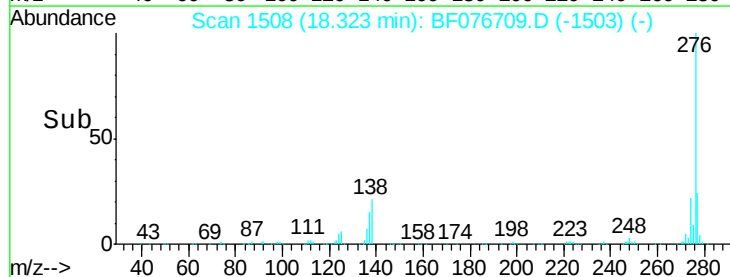
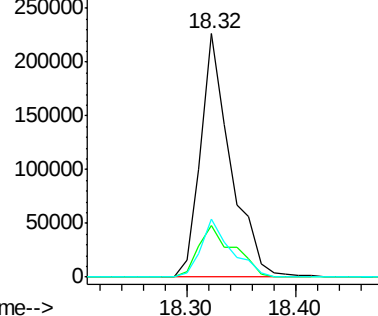


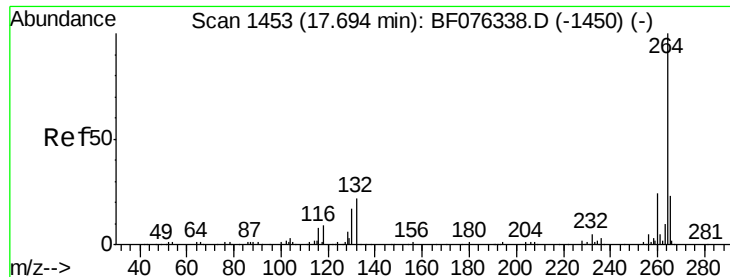
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.99 ng
RT: 18.32 min Scan# 1508
Delta R.T. -0.05 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:276 Resp: 432694
Ion Ratio Lower Upper
276 100
138 25.5 19.1 28.7
277 24.2 18.7 28.1



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

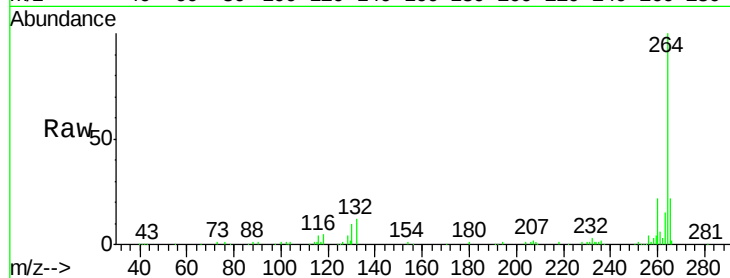




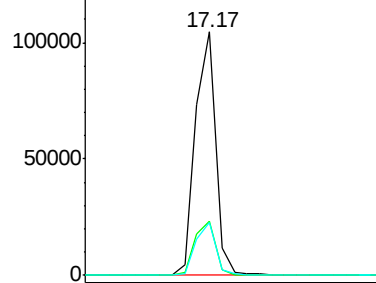
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.17 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

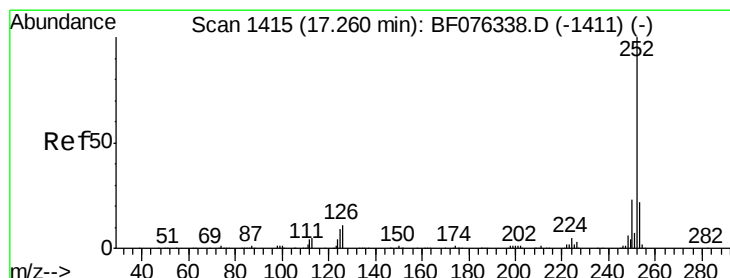
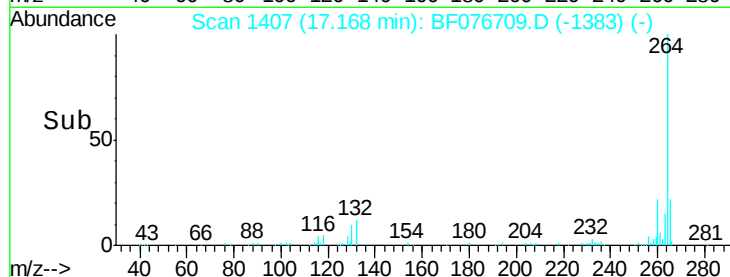
Tot Ion:264 Resp: 136057
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 21.5 18.1 27.1



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

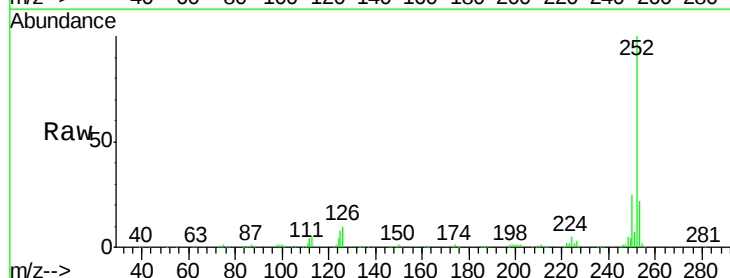


Time-->

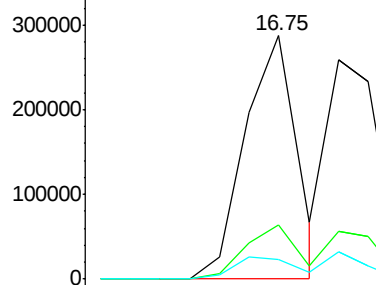


#87
Benzo(b)fluoranthene
Concen: 44.14 ng
RT: 16.75 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

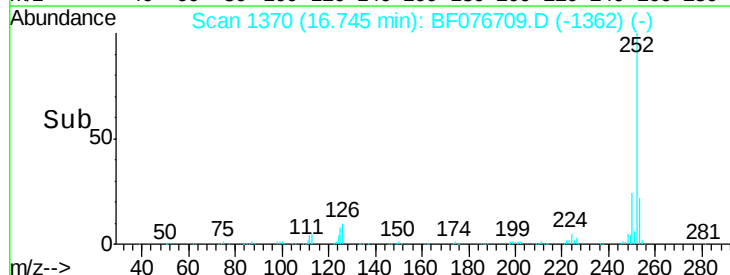
Tgt Ion:252 Resp: 396199
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 7.9 7.0 10.6

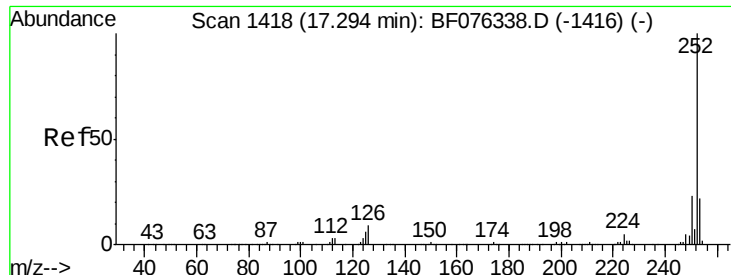


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

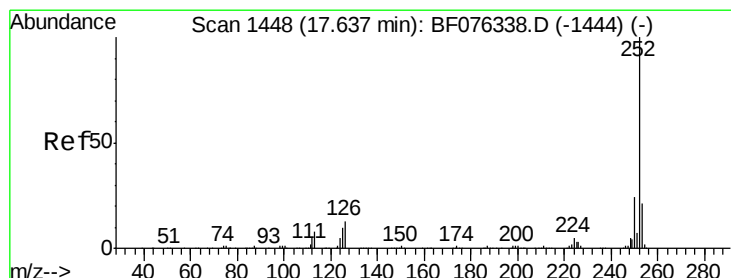
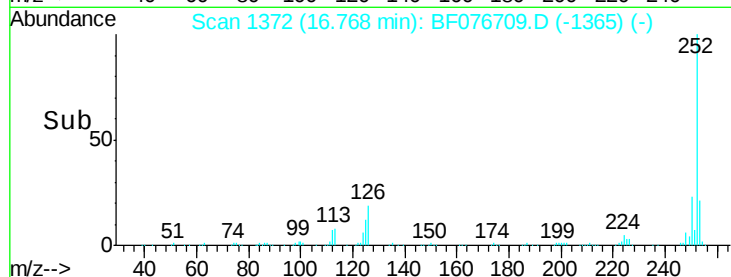
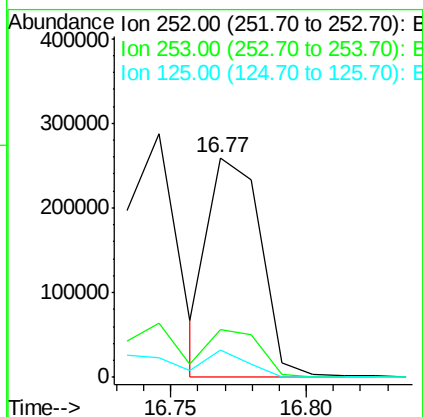
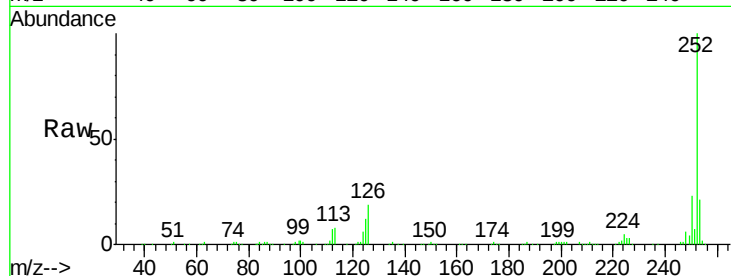




#88
Benzo(k)fluoranthene
Concen: 42.19 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

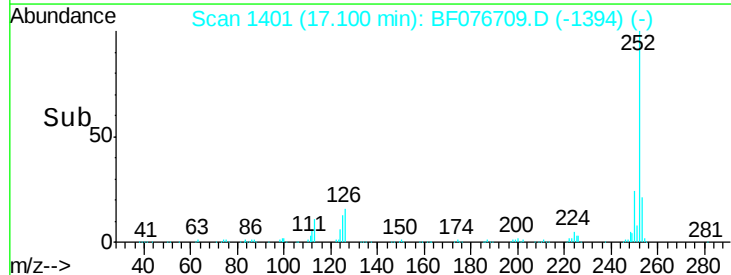
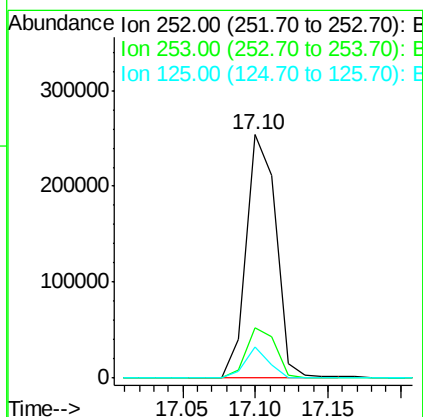
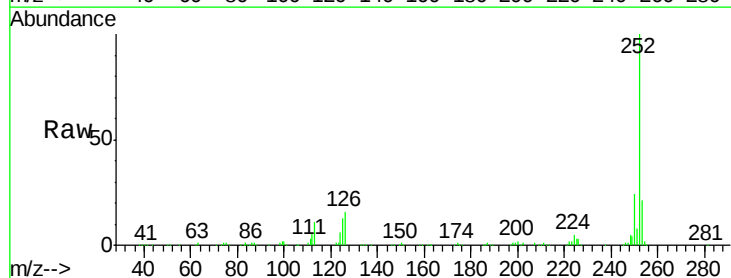
Instrument :
BNA_F
ClientSampleId :
PB81132BS

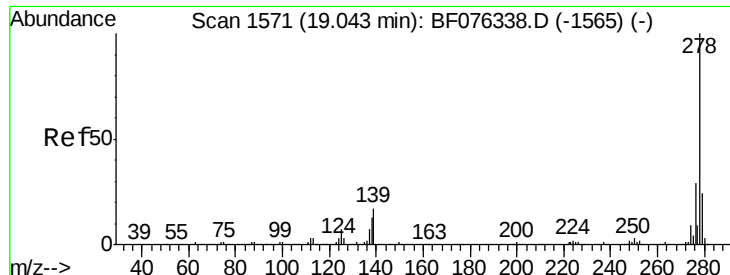
Tot Ion:252 Resp: 352680
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 12.3 5.4 8.2#



#89
Benzo(a)pyrene
Concen: 45.36 ng
RT: 17.10 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion:252 Resp: 363336
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.4
125 12.9 8.2 12.2#

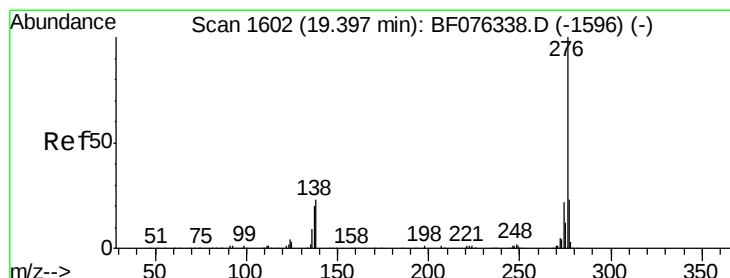
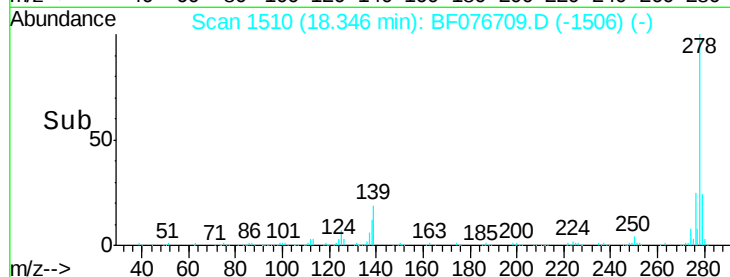
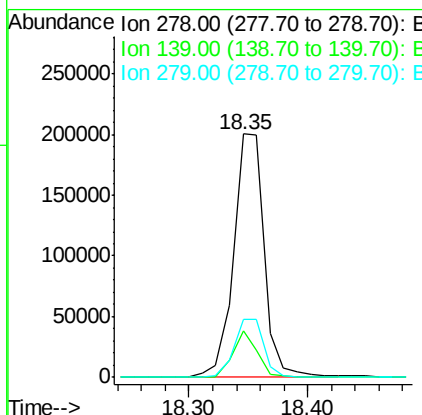
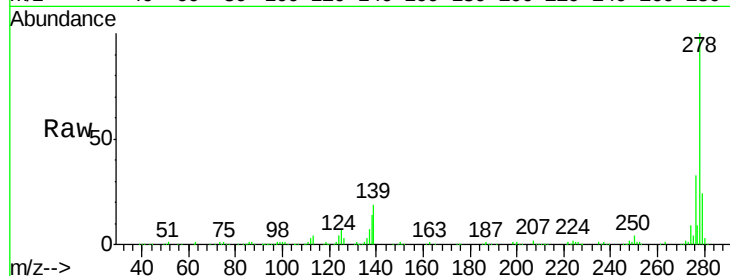




#90
Dibenzo(a,h)anthracene
Concen: 44.70 ng
RT: 18.35 min Scan# 1510
Delta R.T. -0.06 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Instrument :
BNA_F
ClientSampleId :
PB81132BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.8	20.8
279	24.1	19.0	28.6



#91
Benzo(g,h,i)perylene
Concen: 45.61 ng
RT: 18.63 min Scan# 1535
Delta R.T. -0.06 min
Lab File: BF076709.D
Acq: 31 Dec 2014 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	19.8	18.2	27.4

