

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
 Data File : BF076758.D
 Acq On : 6 Jan 2015 15:00
 Operator : IZ / TP
 Sample : PB81207BS
 Misc : W DOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

Quant Time: Jan 07 10:08:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	47183	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	204003	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	110669	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	192725	20.00	ng	0.00
75) Chrysene-d12	15.51	240	175837	20.00	ng	-0.01
86) Perylene-d12	17.17	264	157299	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	300666	108.03	ng	0.02
7) Phenol-d6	6.32	99	378687	111.41	ng	0.01
23) Nitrobenzene-d5	7.42	82	228041	66.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.43	330	106205	113.55	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	473946	66.64	ng	0.00
78) Terphenyl-d14	14.25	244	496836	62.33	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.41	88	31484	26.47	ng	# 100
3) Pyridine	1.92	79	83761	27.97	ng	97
4) n-Nitrosodimethylamine	1.86	42	56389	38.92	ng	93
6) Aniline	6.29	93	81205m	16.73	ng	
8) 2-Chlorophenol	6.44	128	109340	34.30	ng	90
10) Phenol	6.34	94	131915	31.98	ng	# 78
11) bis(2-Chloroethyl)ether	6.41	93	107645	36.25	ng	98
12) 1,3-Dichlorobenzene	6.63	146	122145	33.01	ng	98
13) 1,4-Dichlorobenzene	6.73	146	124048	33.10	ng	97
14) 1,2-Dichlorobenzene	6.92	146	117124	32.96	ng	97
15) Benzyl Alcohol	6.93	79	106586	36.21	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	145562	33.84	ng	77
17) 2-Methylphenol	7.10	107	88618	33.84	ng	# 92
18) Hexachloroethane	7.34	117	46661	34.84	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	83404	33.60	ng	# 90
20) 3+4-Methylphenols	7.30	107	119047	33.66	ng	98
22) Acetophenone	7.25	105	182329	37.29	ng	# 89
24) Nitrobenzene	7.44	77	122026	34.31	ng	95
25) Isophorone	7.75	82	220142	33.30	ng	# 90
26) 2-Nitrophenol	7.84	139	60000	34.54	ng	# 84
27) 2,4-Dimethylphenol	7.94	122	104960	37.33	ng	90
28) bis(2-Chloroethoxy)methane	8.06	93	144560	37.25	ng	99
29) 2,4-Dichlorophenol	8.15	162	97976	35.46	ng	93
30) 1,2,4-Trichlorobenzene	8.24	180	100275	33.66	ng	98
31) Naphthalene	8.32	128	344705	34.11	ng	99
32) Benzoic acid	8.09	122	71797	43.01	ng	96
33) 4-Chloroaniline	8.42	127	78439	19.01	ng	96
34) Hexachlorobutadiene	8.49	225	58198	33.61	ng	92
35) Caprolactam	8.86	113	30079	37.75	ng	96
36) 4-Chloro-3-methylphenol	9.06	107	108253	35.20	ng	94
37) 2-Methylnaphthalene	9.18	142	235026	33.33	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	96145	35.32	ng	# 76
40) Hexachlorocyclopentadiene	9.37	237	99973	64.84	ng	92
42) 2,4,6-Trichlorophenol	9.56	196	64782	32.80	ng	94

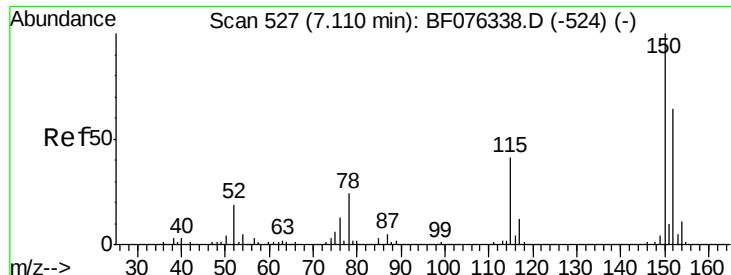
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.60	196	73331	34.51	nq	97
45) 1,1'-Biphenyl	9.77	154	294405	35.81	nq	98
46) 2-Chloronaphthalene	9.77	162	229498	35.20	nq	96
47) 2-Nitroaniline	9.92	65	74359	37.49	nq	95
48) Acenaphthylene	10.28	152	385855	34.79	nq	99
49) Dimethylphthalate	10.17	163	282541	36.09	nq	99
50) 2,6-Dinitrotoluene	10.24	165	63060	39.31	nq	# 87
51) Acenaphthene	10.49	154	223027	35.54	nq	98
52) 3-Nitroaniline	10.44	138	48089	26.40	nq	# 91
53) 2,4-Dinitrophenol	10.57	184	42492	53.89	nq	95
54) Dibenzofuran	10.71	168	334817	36.89	nq	98
55) 4-Nitrophenol	10.69	139	142270m	101.88	nq	
56) 2,4-Dinitrotoluene	10.72	165	87250	40.82	nq	# 56
57) Fluorene	11.12	166	268922	35.27	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.87	232	58589	37.07	nq	# 100
59) Diethylphthalate	11.04	149	284128	35.53	nq	99
60) 4-Chlorophenyl-phenylether	11.15	204	121465	36.82	nq	# 71
61) 4-Nitroaniline	11.18	138	58083	30.34	nq	92
62) Azobenzene	11.34	77	283171	35.94	nq	89
64) 4,6-Dinitro-2-methylphenol	11.23	198	32929	27.31	nq	# 68
65) n-Nitrosodiphenylamine	11.31	169	231839	34.24	nq	100
66) 4-Bromophenyl-phenylether	11.75	248	70428	37.52	nq	# 71
67) Hexachlorobenzene	11.79	284	74460	33.98	nq	# 87
68) Atrazine	11.99	200	76809	37.97	nq	98
69) Pentachlorophenol	12.05	266	72471	67.57	nq	96
70) Phenanthrene	12.30	178	402504	34.61	nq	99
71) Anthracene	12.36	178	417168	36.57	nq	99
72) Carbazole	12.57	167	363602	32.86	nq	97
73) Di-n-butylphthalate	13.05	149	482480	35.50	nq	99
74) Fluoranthene	13.75	202	439405	37.01	nq	94
76) Benzidine	13.96	184	176265	24.05	nq	100
77) Pyrene	14.03	202	438140	35.62	nq	99
79) Butylbenzylphthalate	14.89	149	219007	37.24	nq	97
80) Benzo(a)anthracene	15.50	228	386843	35.33	nq	99
81) 3,3'-Dichlorobenzidine	15.50	252	75228	20.55	nq	97
82) Chrysene	15.53	228	366257	36.55	nq	98
83) Bis(2-ethylhexyl)phthalate	15.61	149	297181	33.40	nq	97
84) Di-n-octyl phthalate	16.39	149	543540	35.78	nq	99
85) Indeno(1,2,3-cd)pyrene	18.32	276	402886m	36.64	nq	
87) Benzo(b)fluoranthene	16.75	252	398513	38.40	nq	# 97
88) Benzo(k)fluoranthene	16.78	252	300687m	31.11	nq	
89) Benzo(a)pyrene	17.11	252	338355	36.54	nq	# 98
90) Dibenzo(a,h)anthracene	18.35	278	311489	33.94	nq	99
91) Benzo(q,h,i)perylene	18.63	276	333109m	37.30	nq	

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

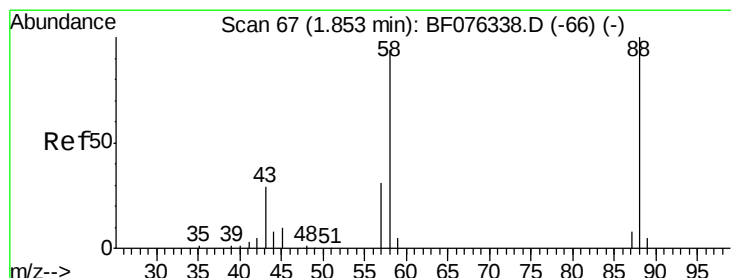
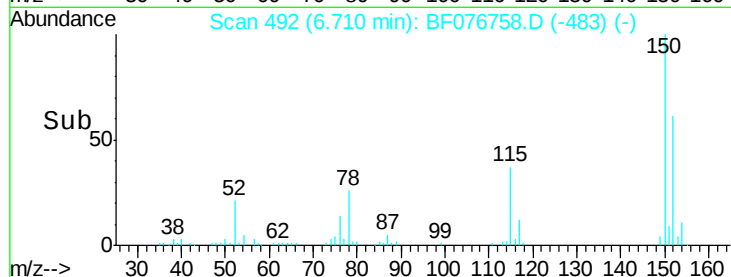
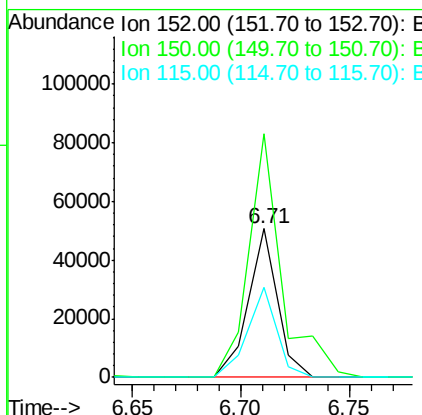
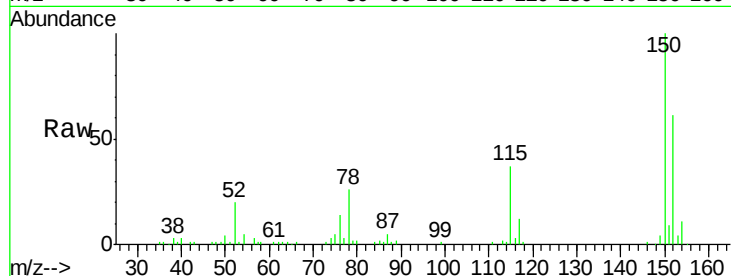


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

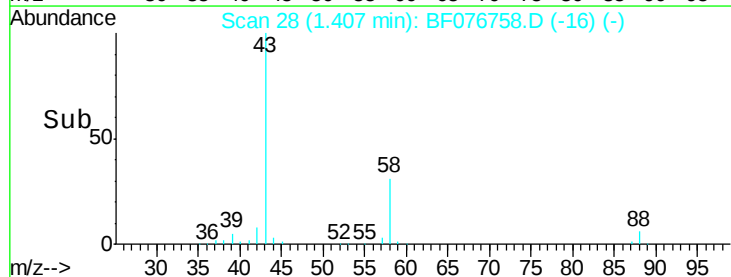
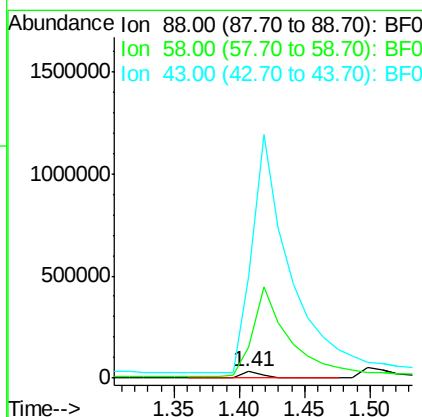
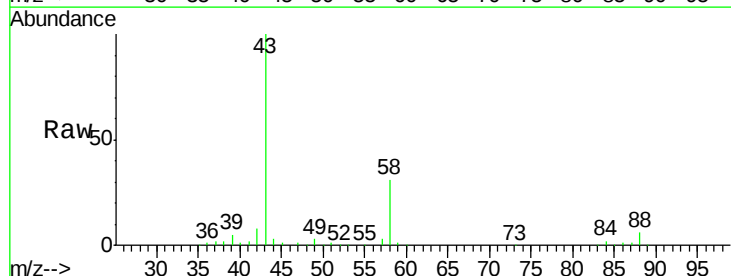
Tot Ion:152 Resp: 47183
Ion Ratio Lower Upper
152 100
150 164.0 125.2 187.8
115 60.9 51.4 77.0

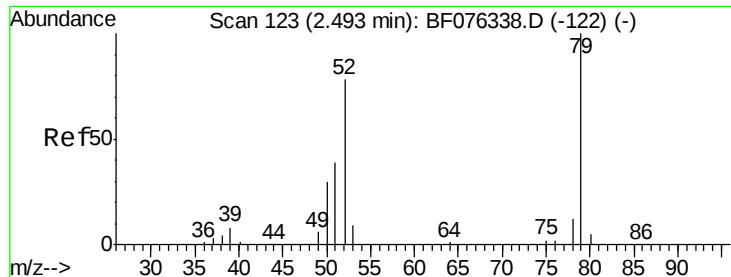


#2

1,4-Dioxane
Concen: 26.47 ng
RT: 1.41 min Scan# 28
Delta R.T. 0.03 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion: 88 Resp: 31484
Ion Ratio Lower Upper
88 100
58 2947.2 0.0 0.0#
43 8050.7 0.0 0.0#





#3

Pvridine

Concen: 27.97 ng

RT: 1.92 min Scan# 73

Delta R.T. 0.05 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampled :

PB81207BS

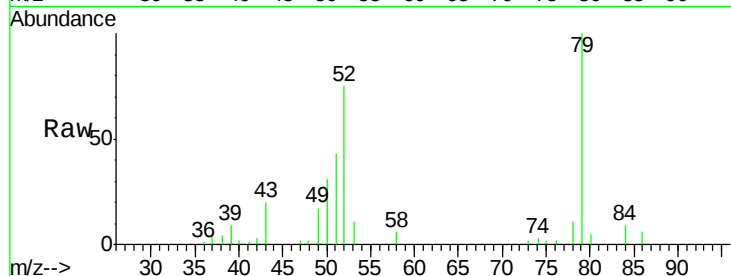
Tot Ion: 79 Resp: 83761

Ion Ratio Lower Upper

79 100

52 75.4 62.2 93.4

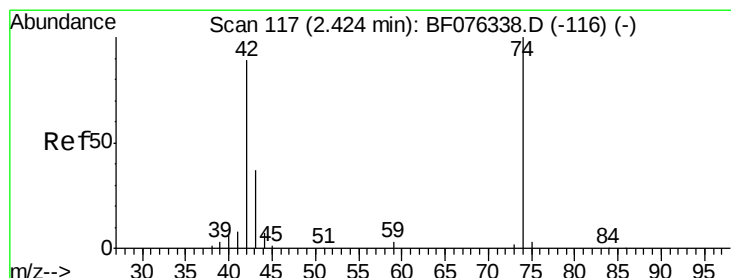
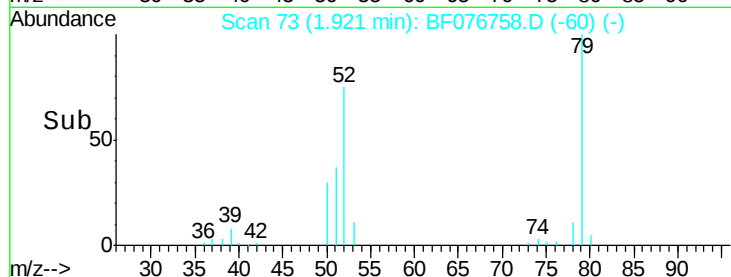
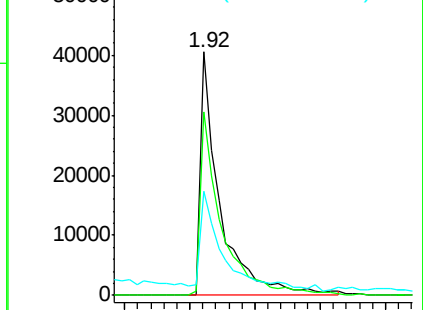
51 42.7 32.1 48.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.92 ng

RT: 1.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

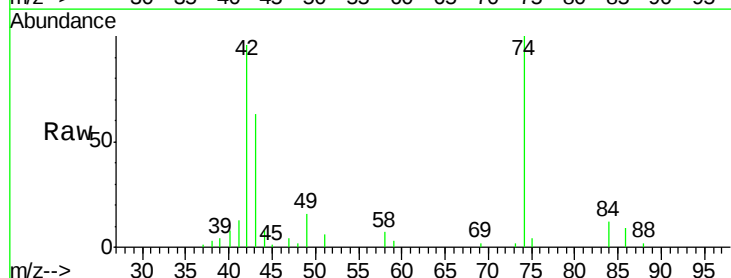
Tgt Ion: 42 Resp: 56389

Ion Ratio Lower Upper

42 100

74 104.5 89.9 134.9

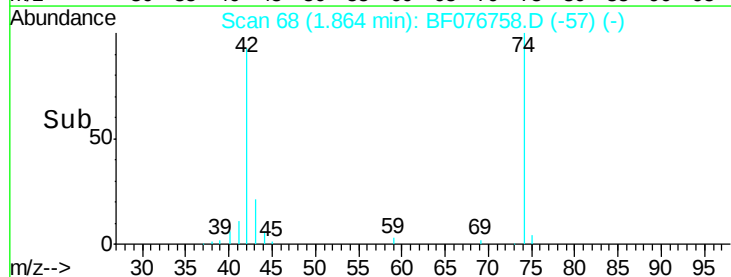
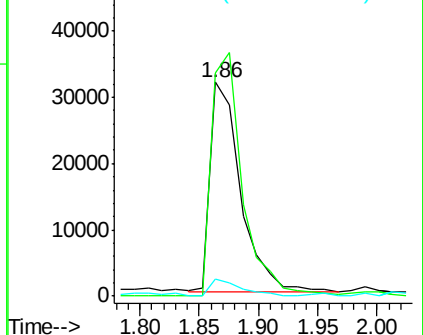
44 8.1 6.4 9.6

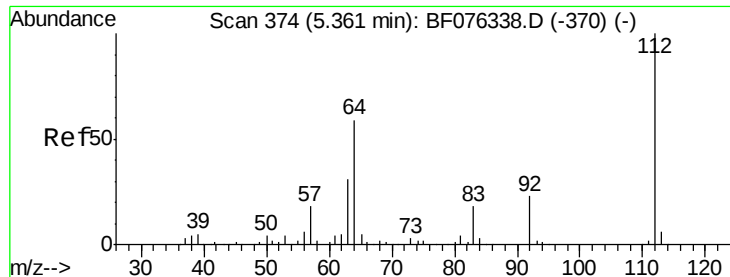


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.03 ng

RT: 4.90 min Scan# 334

Delta R.T. 0.02 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

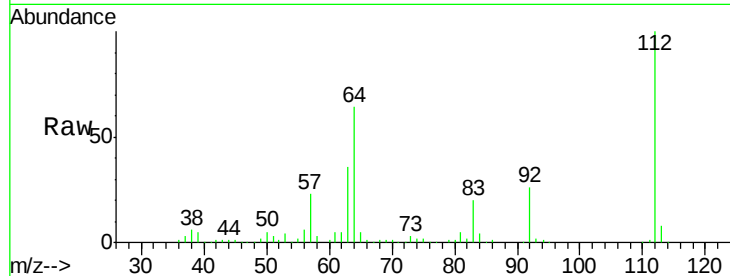
Tot Ion: 112 Resp: 300666

Ion Ratio Lower Upper

112 100

64 64.2 47.4 71.0

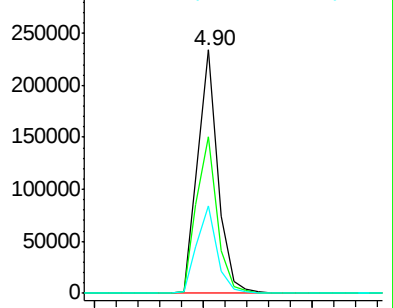
63 35.8 25.0 37.4



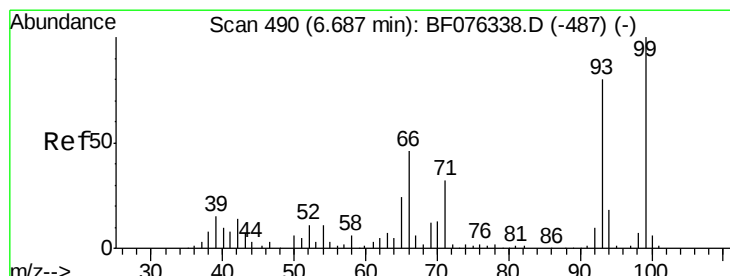
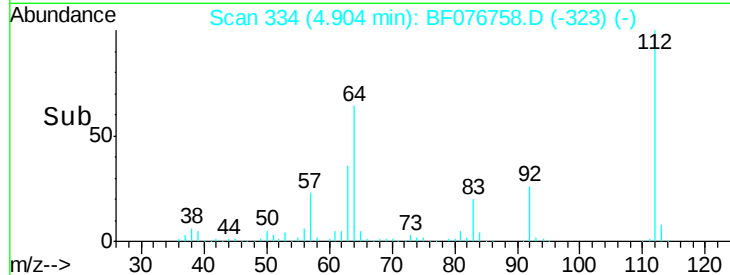
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time--> 4.80 4.90 5.00



#6

Aniline

Concen: 16.73 ng m

RT: 6.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

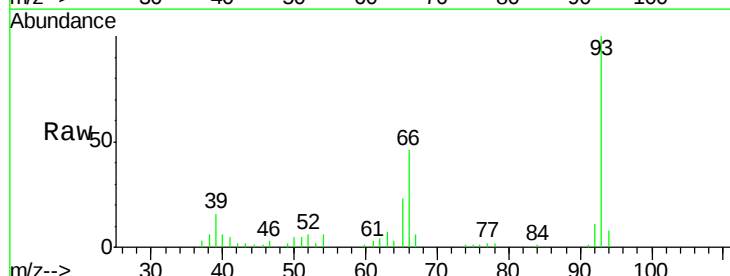
Tgt Ion: 93 Resp: 81205

Ion Ratio Lower Upper

93 100

66 45.9 45.7 68.5

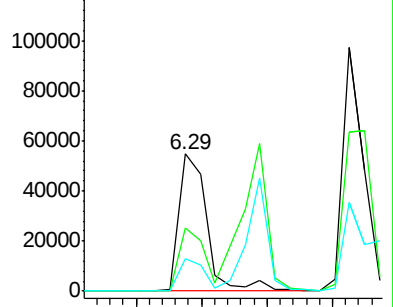
65 23.4 24.3 36.5#



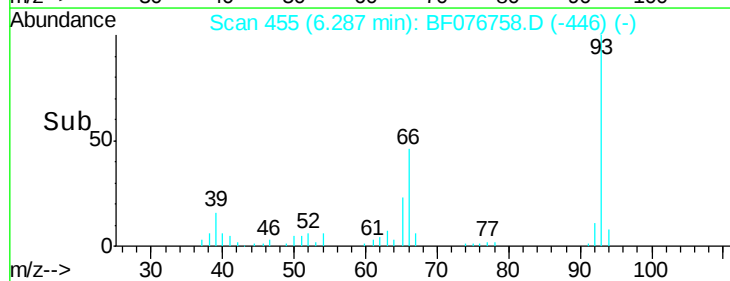
Abundance Ion 93.00 (92.70 to 93.70): BF0

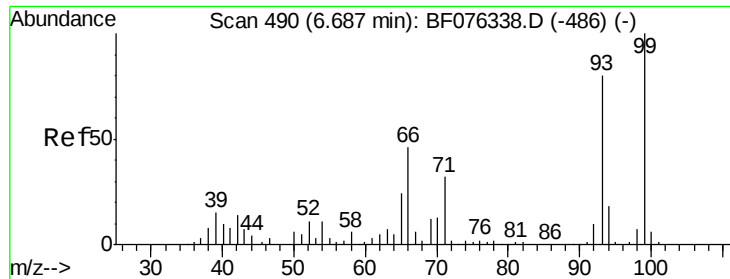
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time--> 6.25 6.30 6.35 6.40





#7

Phenol-d6

Concen: 111.41 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

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PB81207BS

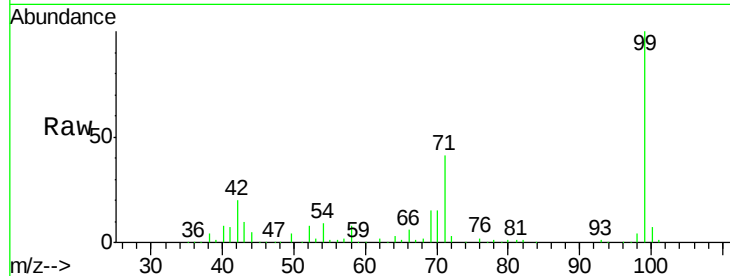
Tot Ion: 99 Resp: 378687

Ion Ratio Lower Upper

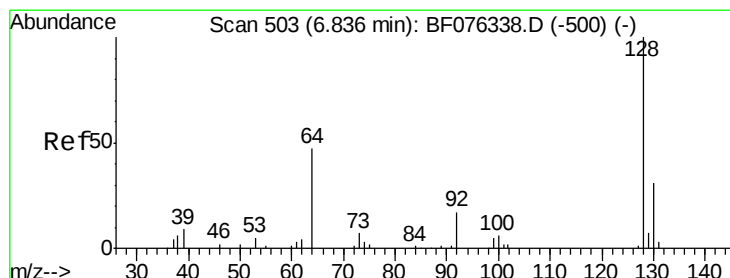
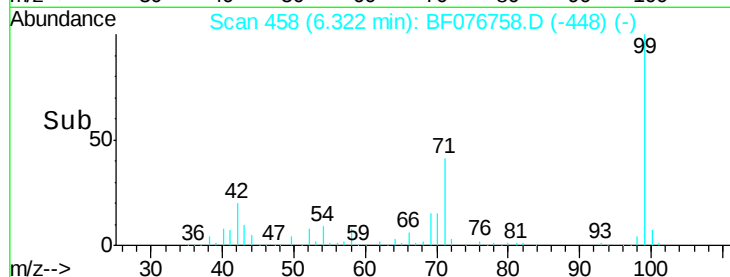
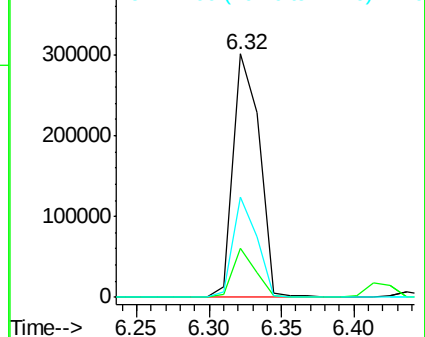
99 100

42 20.2 11.6 17.4#

71 41.0 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: 34.30 ng

RT: 6.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

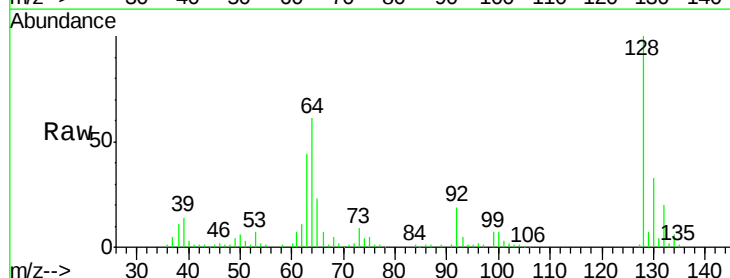
Tgt Ion:128 Resp: 109340

Ion Ratio Lower Upper

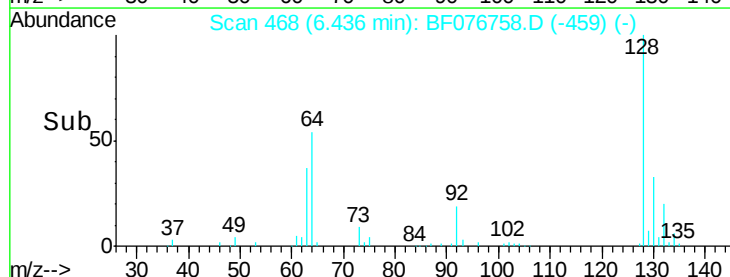
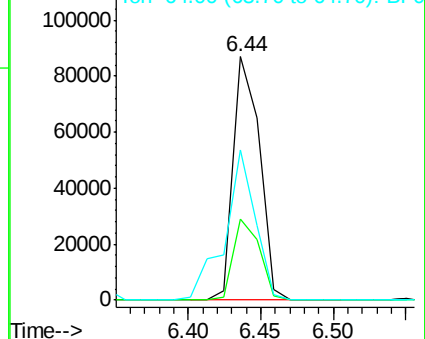
128 100

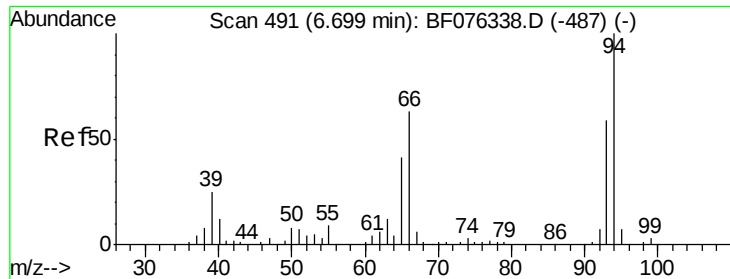
130 33.3 11.3 51.3

64 61.4 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: 31.98 ng

RT: 6.34 min Scan# 460

Delta R.T. 0.02 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

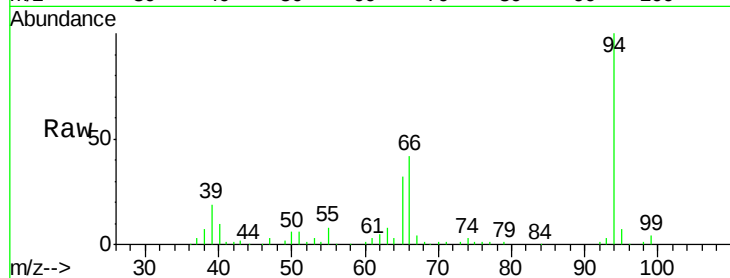
BNA_F

ClientSampleId :

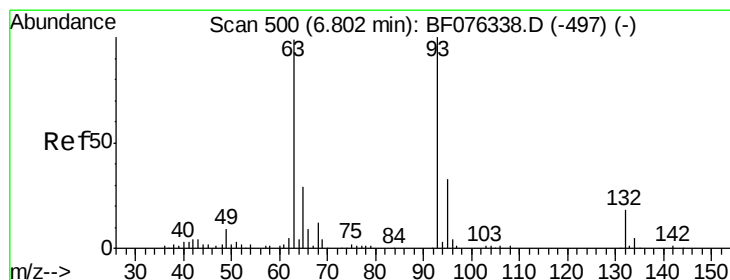
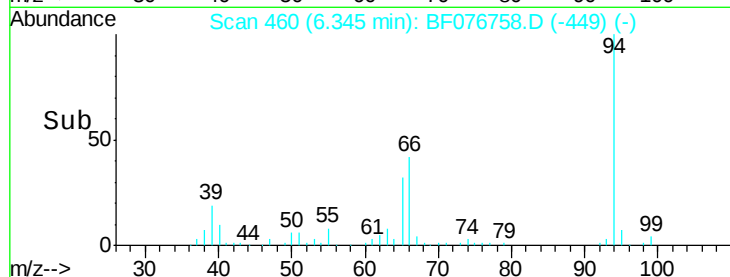
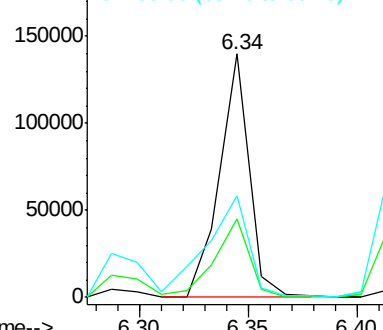
PB81207BS

Tot Ion: 94 Resp: 131915

Ion	Ratio	Lower	Upper
94	100		
65	32.2	21.5	61.5
66	42.0	42.9	82.9#



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



#11

bis(2-Chloroethyl)ether

Concen: 36.25 ng

RT: 6.41 min Scan# 466

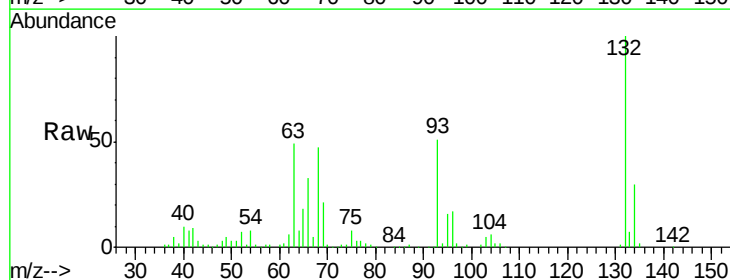
Delta R.T. -0.01 min

Lab File: BF076758.D

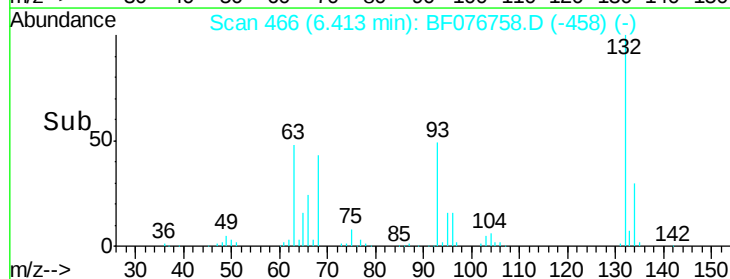
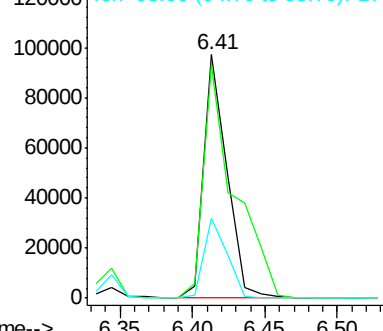
Acq: 6 Jan 2015 15:00

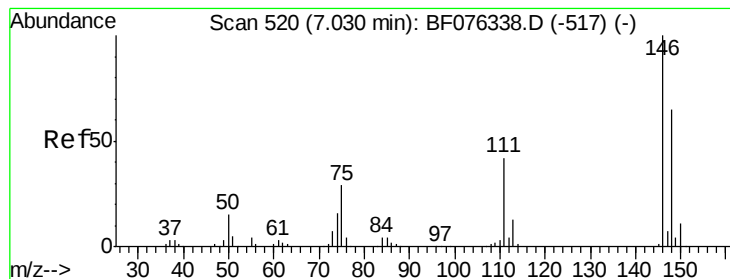
Tgt Ion: 93 Resp: 107645

Ion	Ratio	Lower	Upper
93	100		
63	96.1	79.1	119.1
95	32.6	12.6	52.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 33.01 ng

RT: 6.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

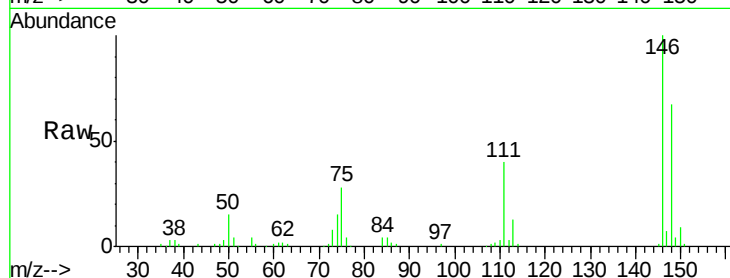
Tot Ion:146 Resp: 122145

Ion Ratio Lower Upper

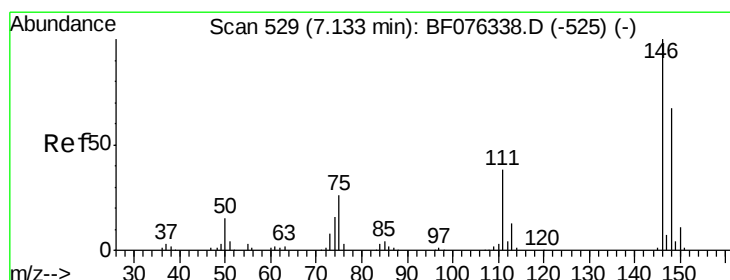
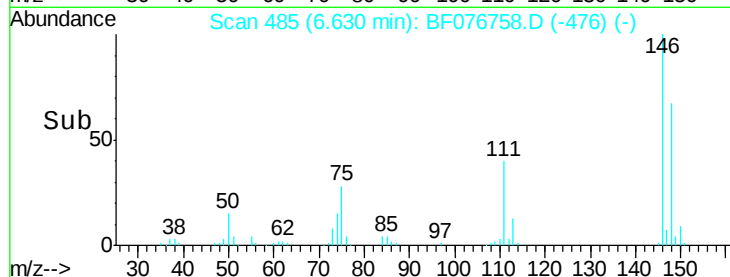
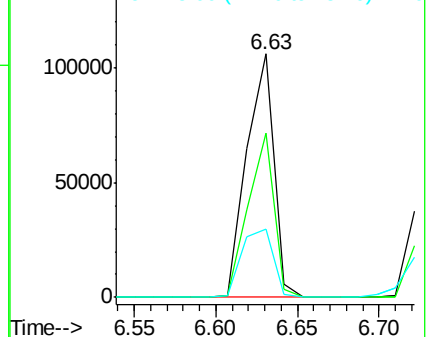
146 100

148 67.3 52.2 78.2

75 28.1 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: 33.10 ng

RT: 6.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

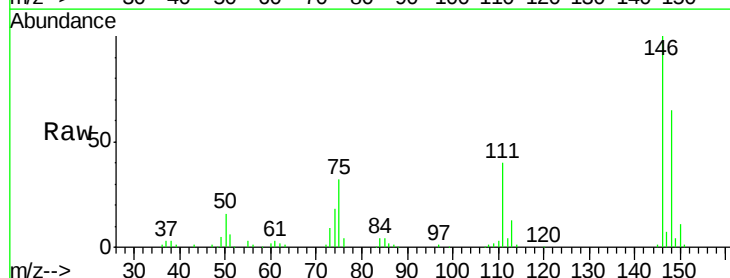
Tgt Ion:146 Resp: 124048

Ion Ratio Lower Upper

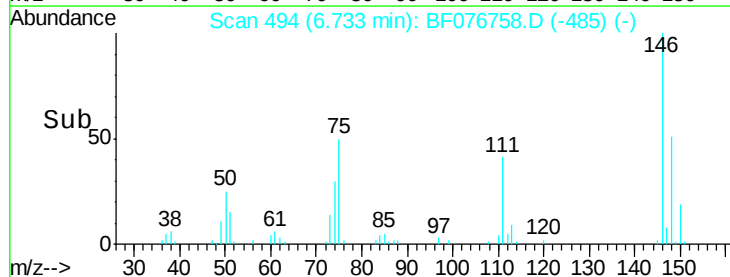
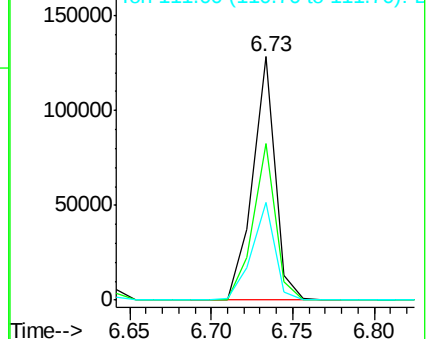
146 100

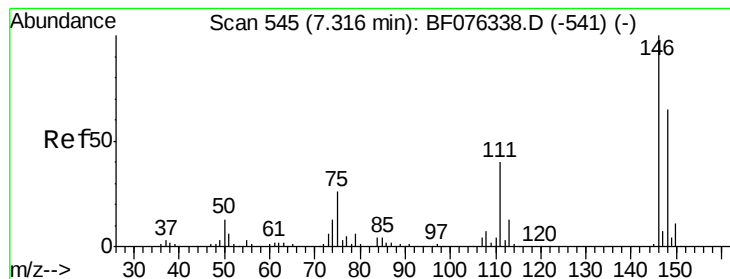
148 64.5 53.2 79.8

111 40.3 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: 32.96 ng

RT: 6.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

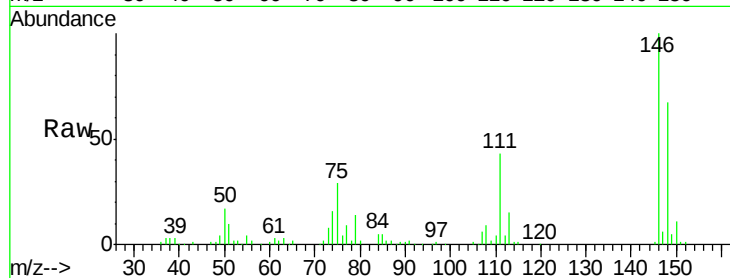
Tot Ion:146 Resp: 117124

Ion Ratio Lower Upper

146 100

148 67.1 52.2 78.2

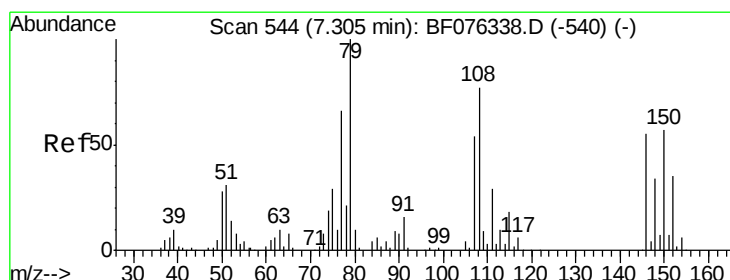
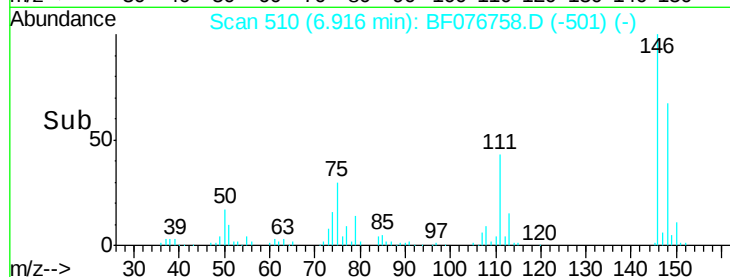
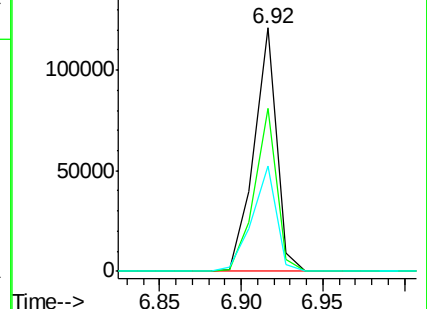
111 43.1 32.2 48.2



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: 36.21 ng

RT: 6.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

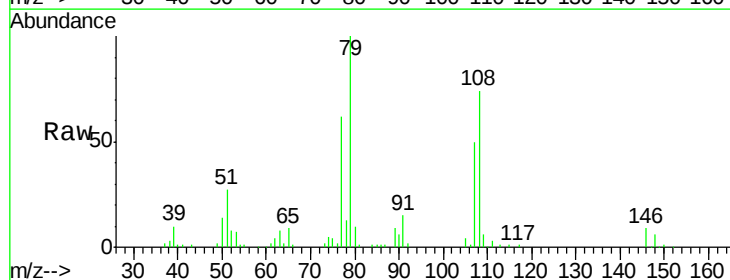
Tgt Ion: 79 Resp: 106586

Ion Ratio Lower Upper

79 100

108 74.0 62.0 93.0

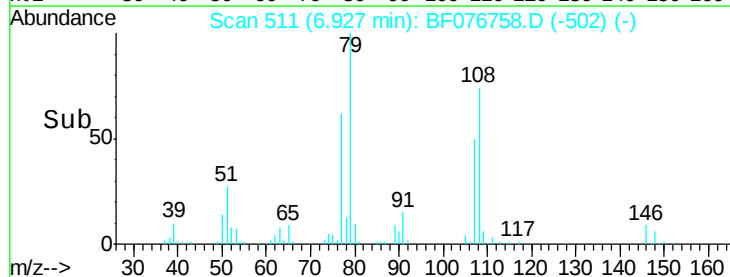
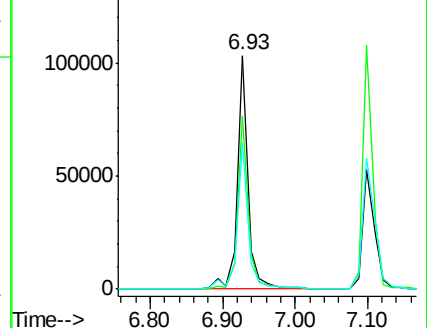
77 62.4 53.0 79.6

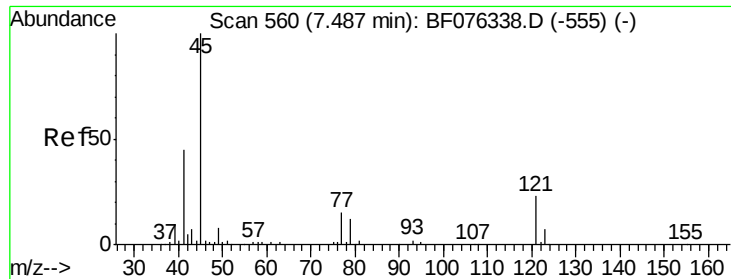


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

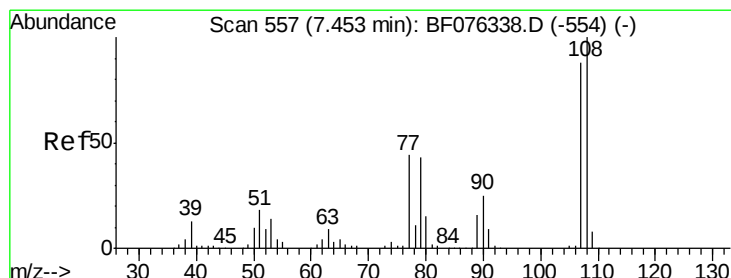
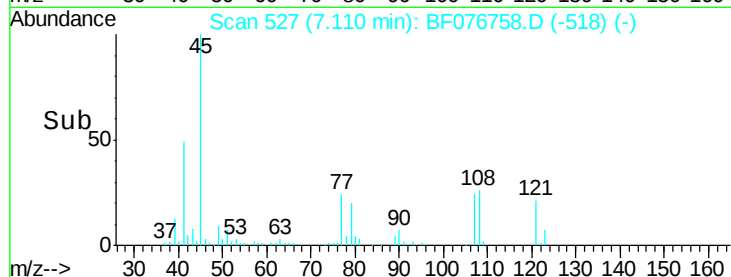
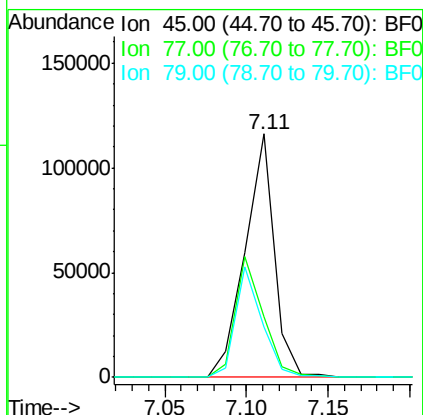
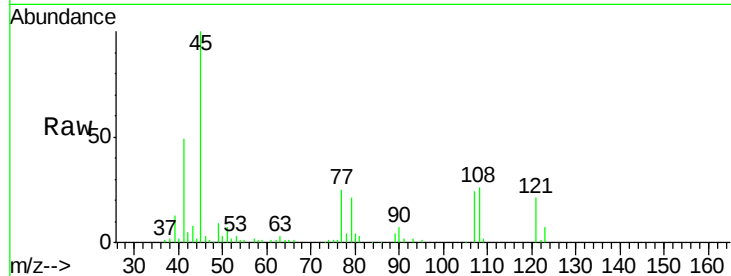




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 33.84 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

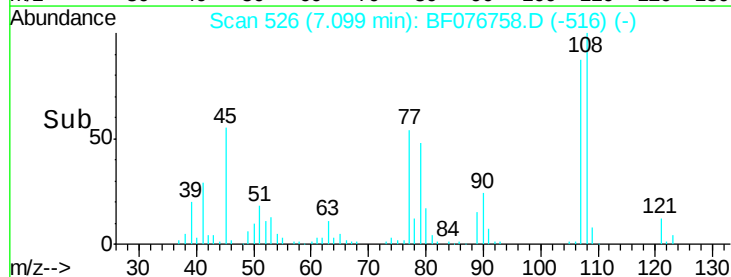
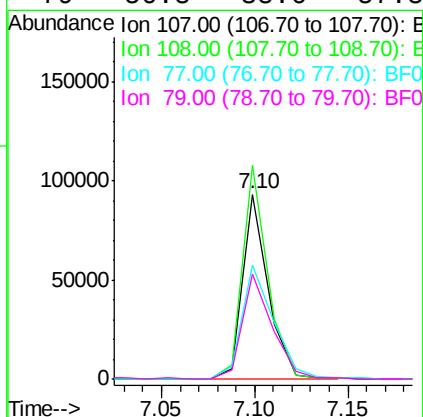
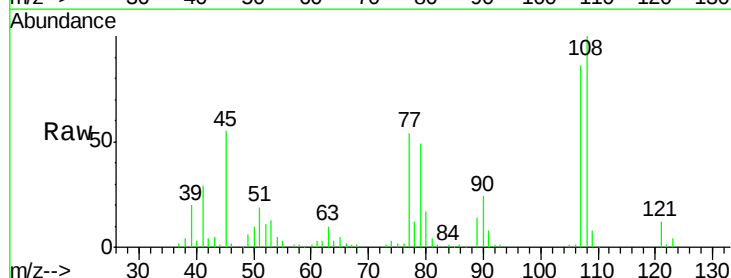
Instrument :
BNA_F
ClientSampleId :
PB81207BS

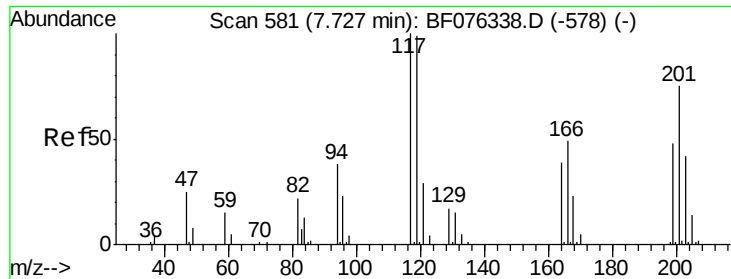
Tot Ion: 45 Resp: 145562
Ion Ratio Lower Upper
45 100
77 24.7 0.0 34.5
79 20.8 0.0 32.3



#17
2-Methylphenol
Concen: 33.84 ng
RT: 7.10 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion: 107 Resp: 88618
Ion Ratio Lower Upper
107 100
108 115.8 90.6 135.8
77 62.1 40.1 60.1#
79 56.8 38.6 57.8

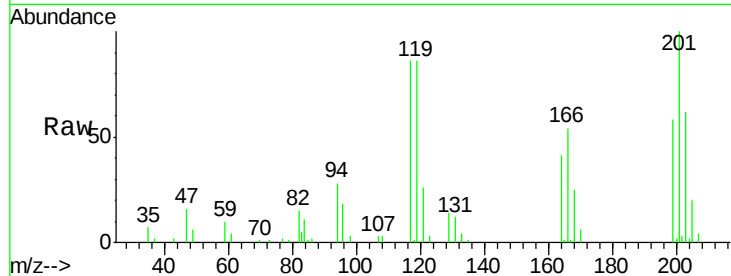




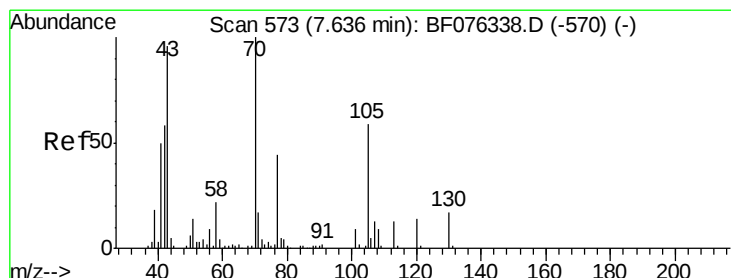
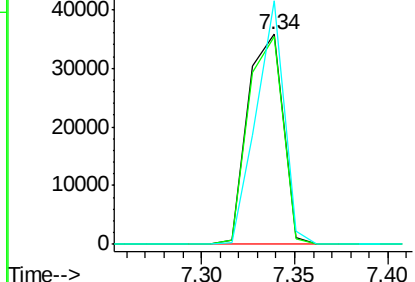
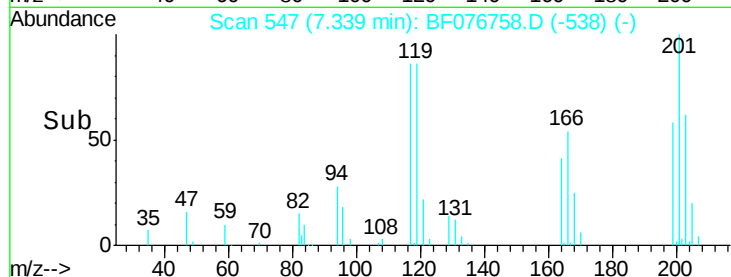
#18
Hexachloroethane
Concen: 34.84 ng
RT: 7.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampled :
PB81207BS

Tot Ion:117 Resp: 46661
Ion Ratio Lower Upper
117 100
119 99.2 79.3 118.9
201 116.0 59.7 89.5#

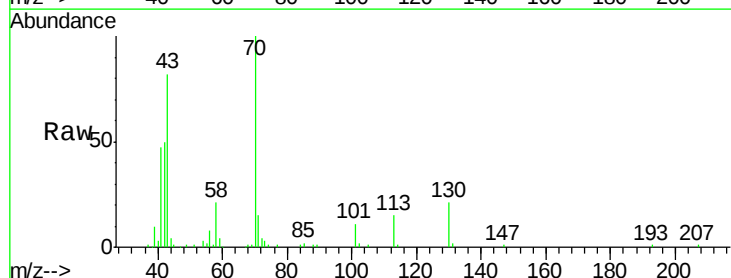


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

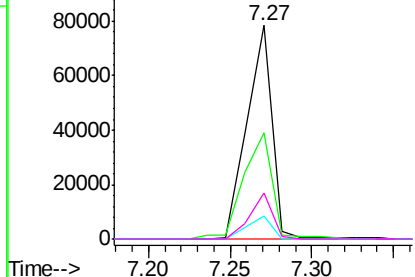
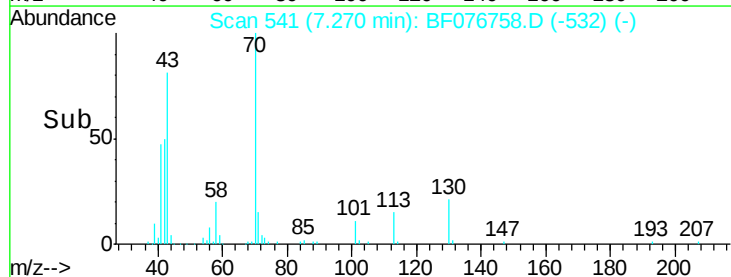


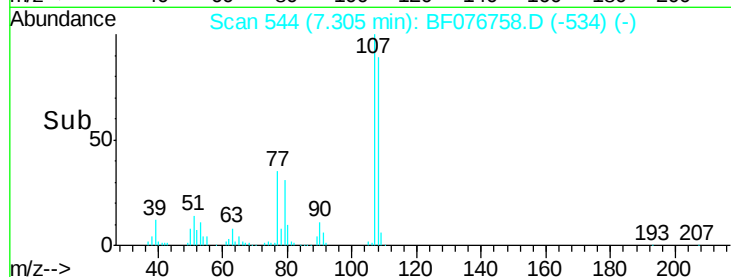
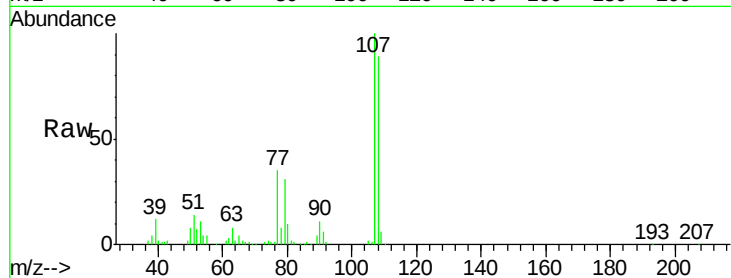
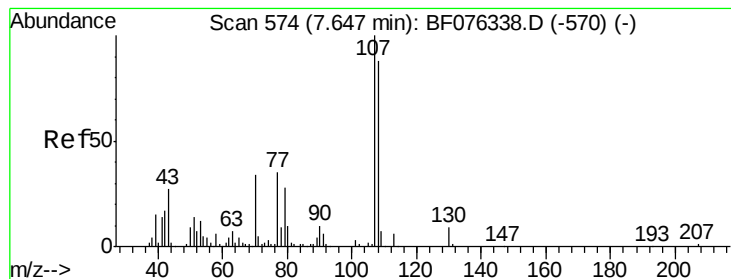
#19
n-Nitroso-di-n-propylamine
Concen: 33.60 ng
RT: 7.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion: 70 Resp: 83404
Ion Ratio Lower Upper
70 100
42 49.7 46.6 70.0
101 10.6 7.0 10.6#
130 21.3 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: 33.66 ng

RT: 7.30 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

Tot Ion:107 Resp: 119047

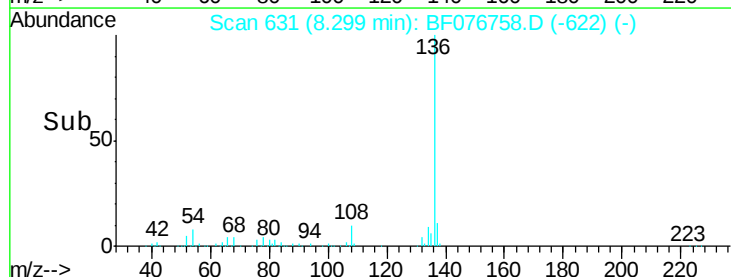
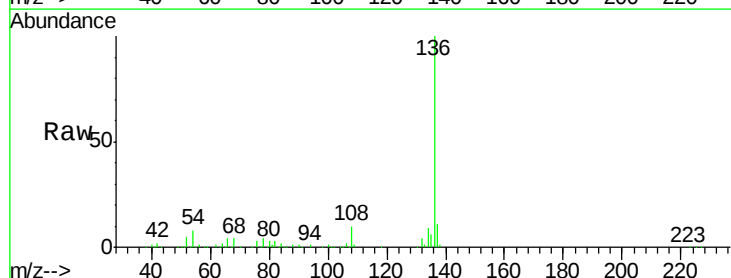
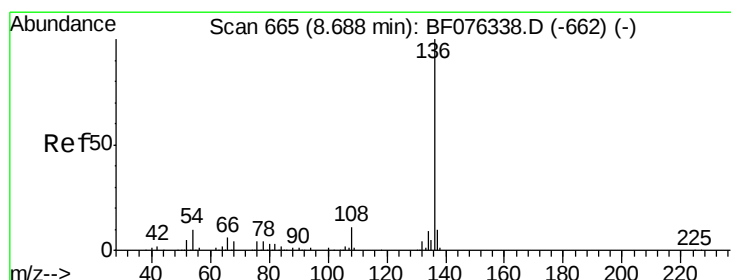
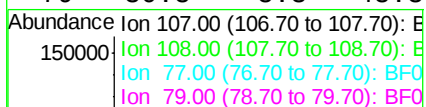
Ion Ratio Lower Upper

107 100

108 89.3 67.5 107.5

77 35.4 15.2 55.2

79 30.8 8.3 48.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Tgt Ion:136 Resp: 204003

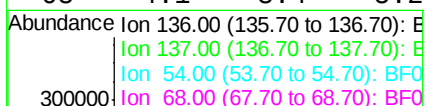
Ion Ratio Lower Upper

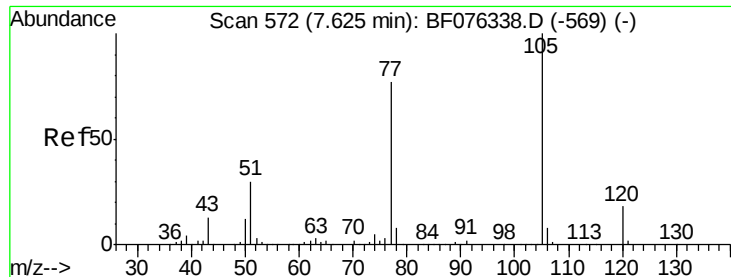
136 100

137 10.8 8.4 12.6

54 7.7 7.8 11.6#

68 4.1 3.4 5.2

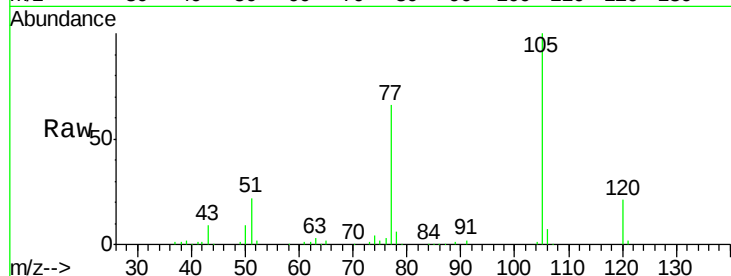




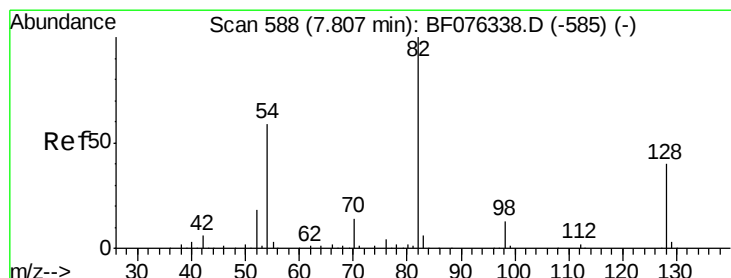
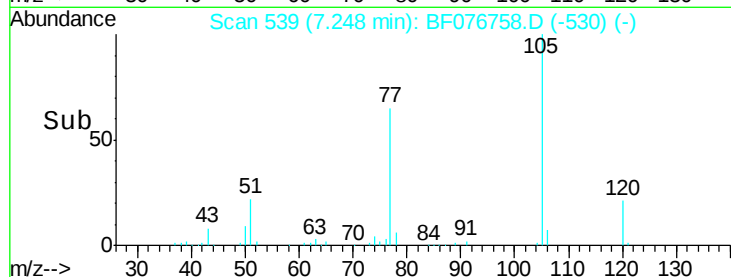
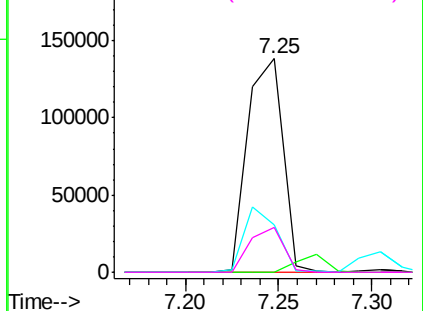
#22
Acetophenone
Concen: 37.29 ng
RT: 7.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

Tot Ion:105 Resp: 182329
Ion Ratio Lower Upper
105 100
71 0.0 0.3 0.5#
51 22.4 23.8 35.8#
120 21.3 14.6 22.0

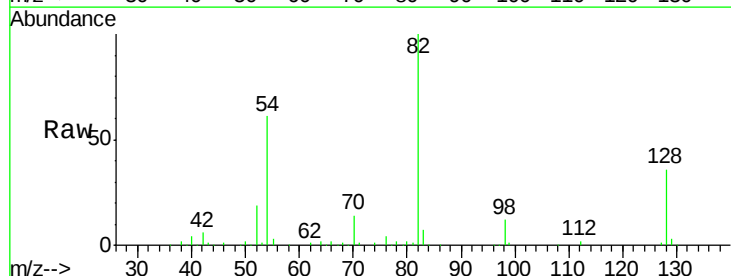


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

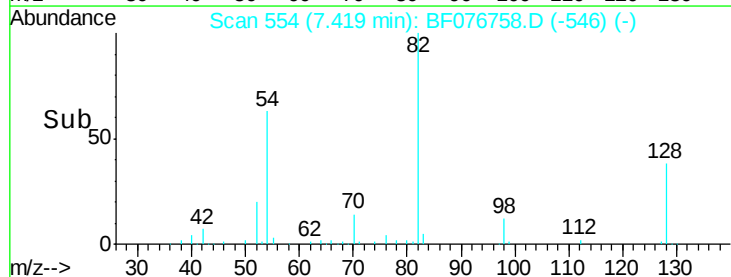
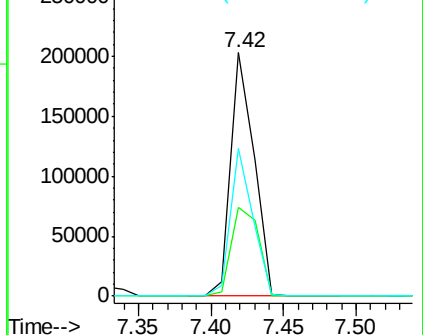


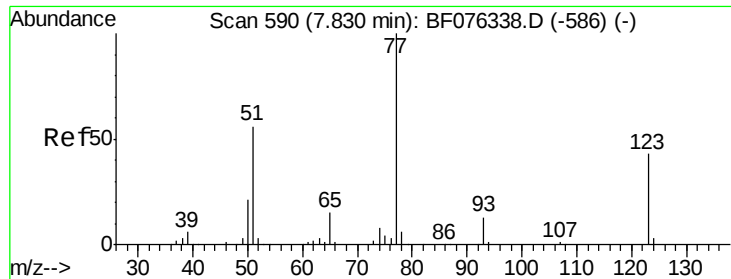
#23
Nitrobenzene-d5
Concen: 66.48 ng
RT: 7.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion: 82 Resp: 228041
Ion Ratio Lower Upper
82 100
128 36.4 31.9 47.9
54 60.7 47.2 70.8



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





#24

Nitrobenzene

Concen: 34.31 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

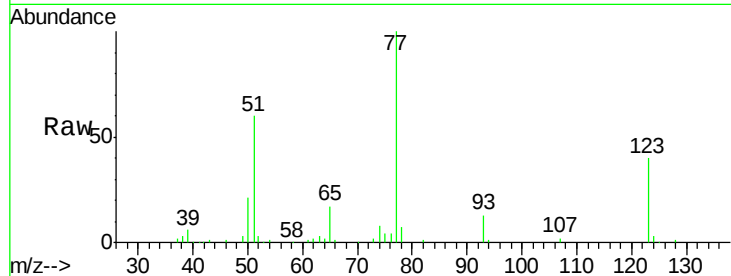
Tot Ion: 77 Resp: 122026

Ion Ratio Lower Upper

77 100

123 39.6 34.3 51.5

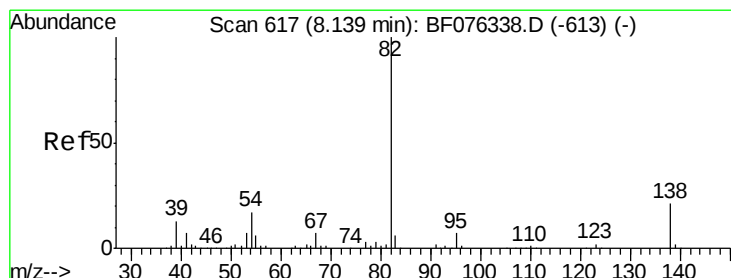
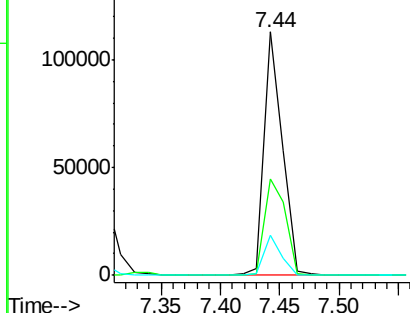
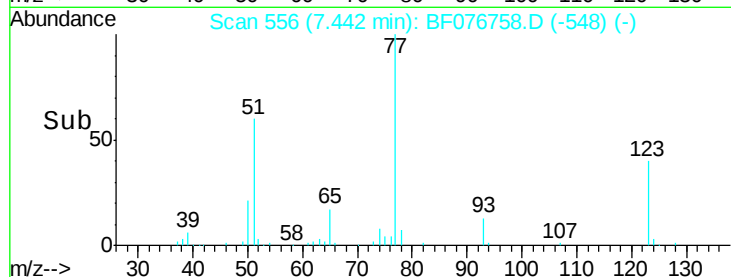
65 16.6 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 33.30 ng

RT: 7.75 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

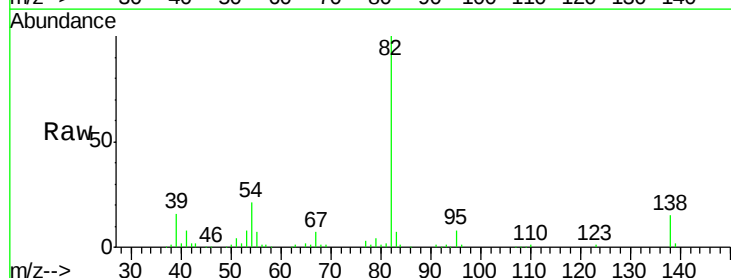
Tgt Ion: 82 Resp: 220142

Ion Ratio Lower Upper

82 100

95 7.7 5.9 8.9

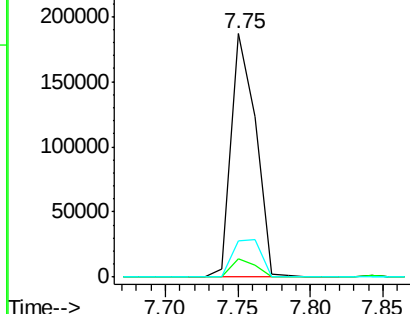
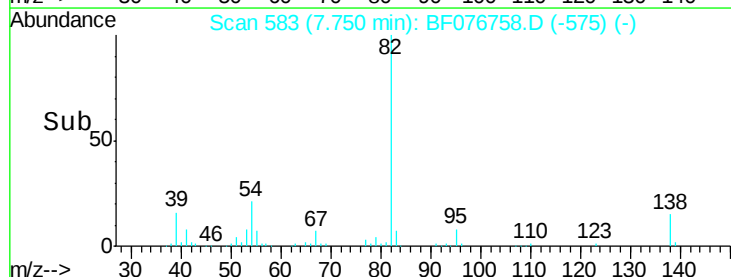
138 14.7 16.6 25.0#

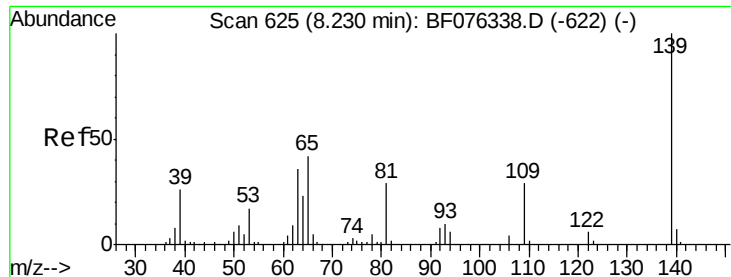


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

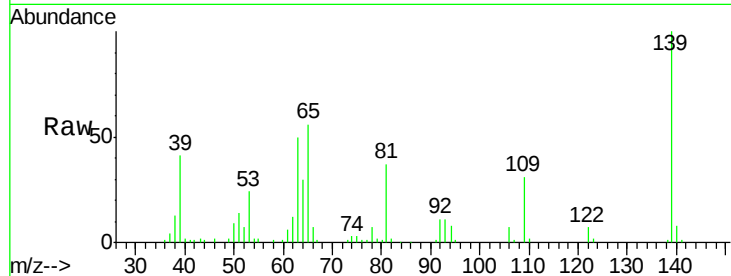




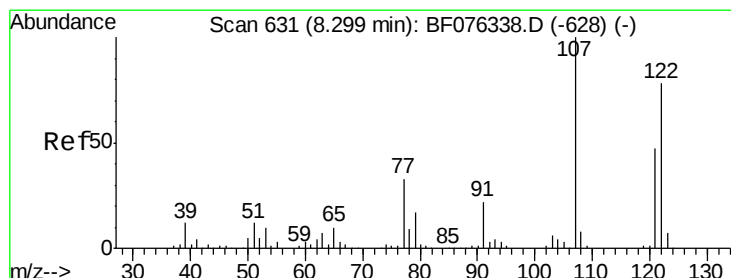
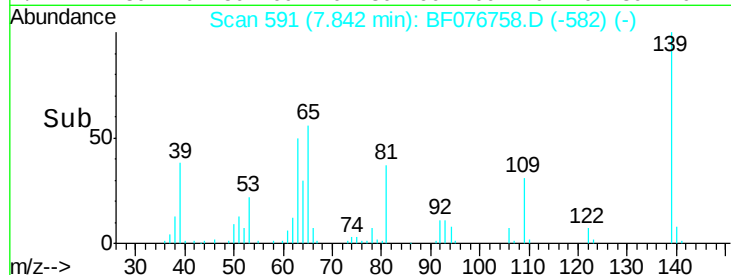
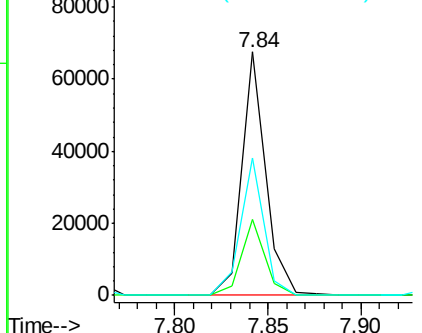
#26
2-Nitrophenol
Concen: 34.54 ng
RT: 7.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

Tot Ion:139 Resp: 60000
Ion Ratio Lower Upper
139 100
109 31.3 22.9 34.3
65 56.3 33.3 49.9#

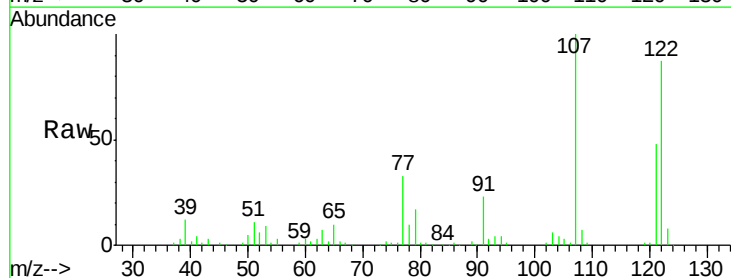


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

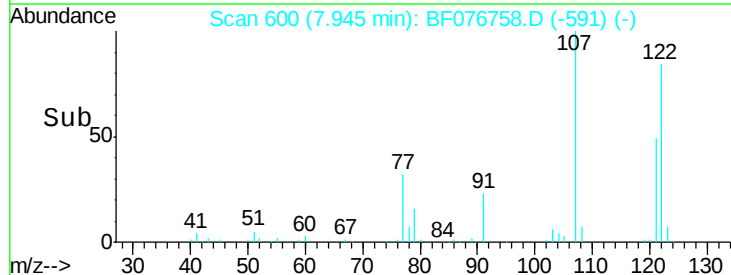
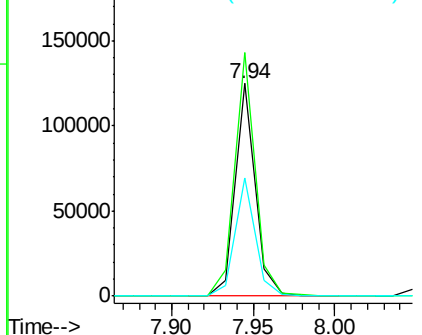


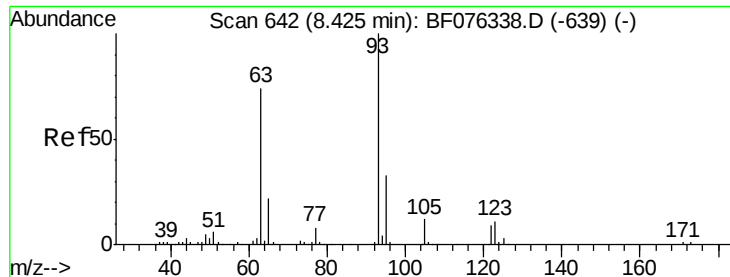
#27
2,4-Dimethylphenol
Concen: 37.33 ng
RT: 7.94 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:122 Resp: 104960
Ion Ratio Lower Upper
122 100
107 114.6 102.5 153.7
121 55.5 47.8 71.8



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





#28

bis(2-Chloroethoxy)methane

Concen: 37.25 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

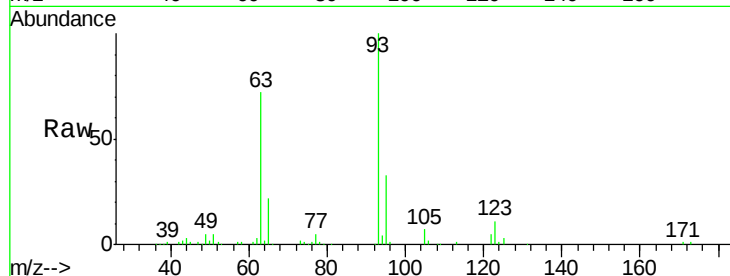
Tot Ion: 93 Resp: 144560

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

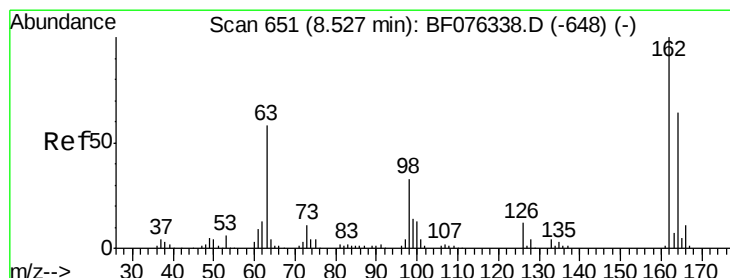
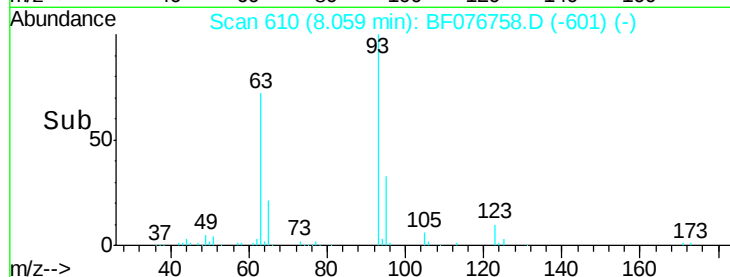
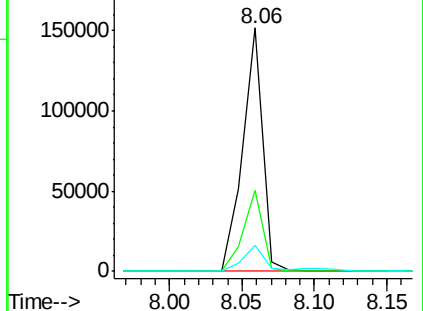
123 10.8 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF076338.D (-639) (-)

Ion 95.00 (94.70 to 95.70): BF076338.D (-639) (-)

Ion 123.00 (122.70 to 123.70): BF076338.D (-639) (-)



#29

2,4-Dichlorophenol

Concen: 35.46 ng

RT: 8.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

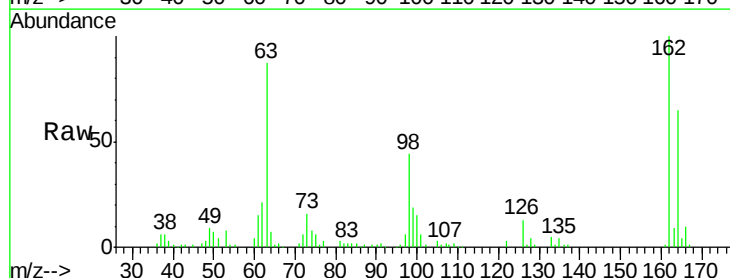
Tgt Ion: 162 Resp: 97976

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

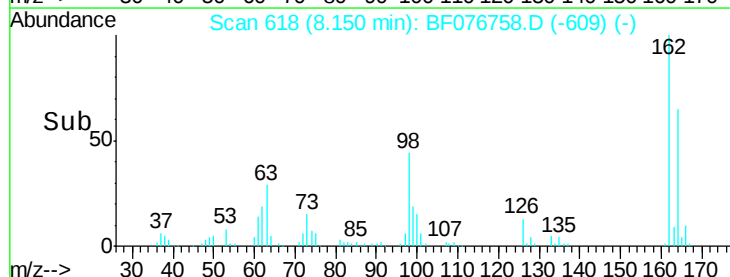
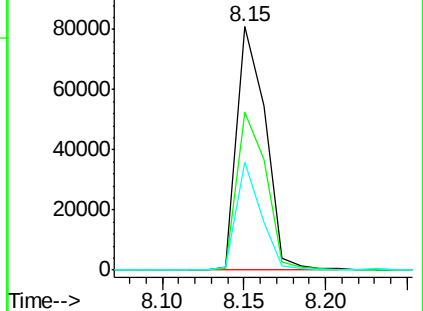
98 44.1 13.4 53.4

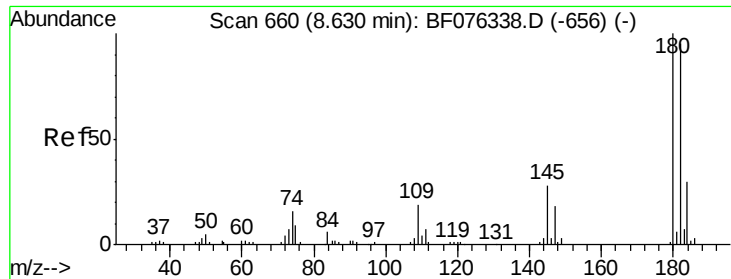


Abundance Ion 162.00 (161.70 to 162.70): BF076338.D (-648) (-)

Ion 164.00 (163.70 to 164.70): BF076338.D (-648) (-)

Ion 98.00 (97.70 to 98.70): BF076338.D (-648) (-)

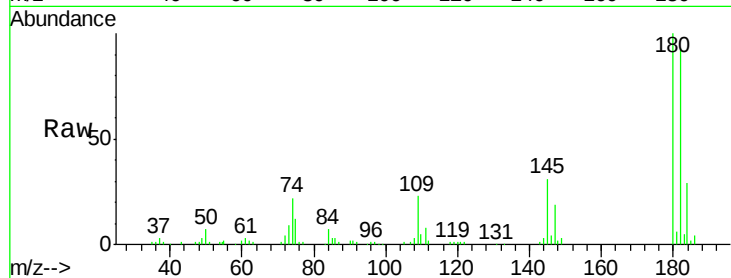




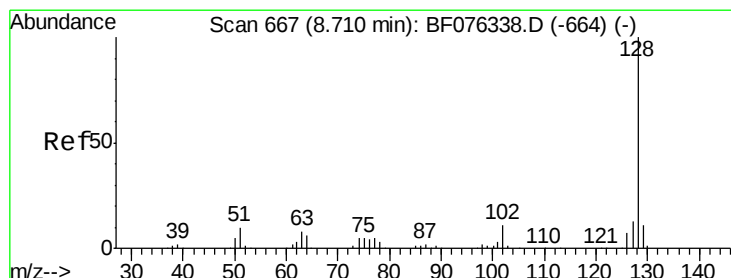
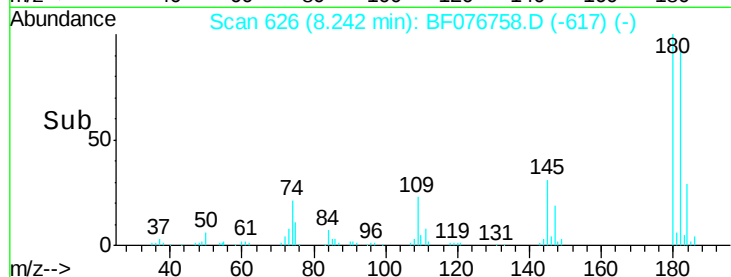
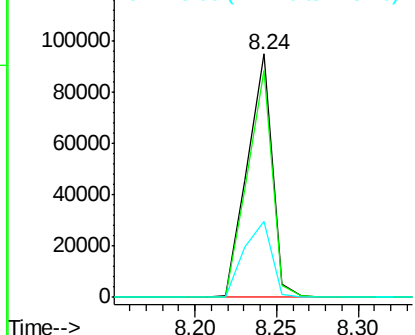
#30
 1,2,4-Trichlorobenzene
 Concen: 33.66 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

Tot Ion:180 Resp: 100275
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.8 113.6
 145 31.1 22.4 33.6

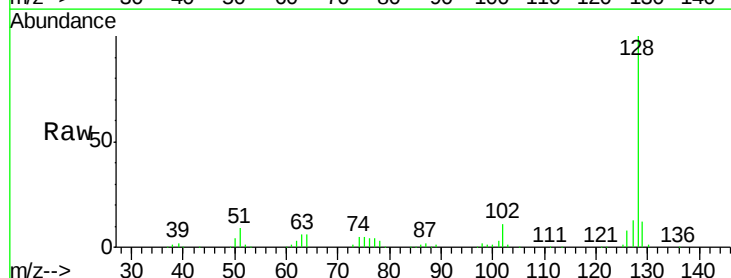


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

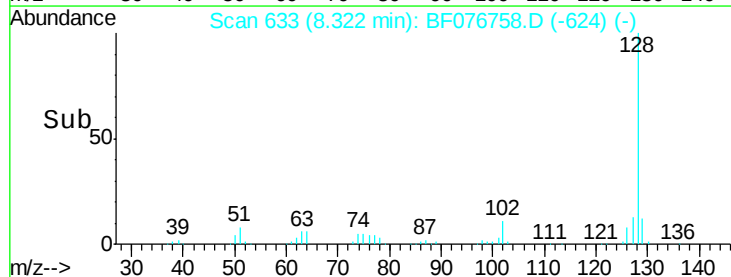
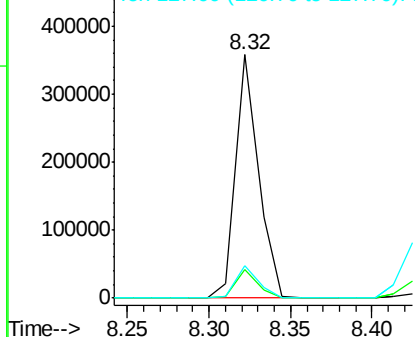


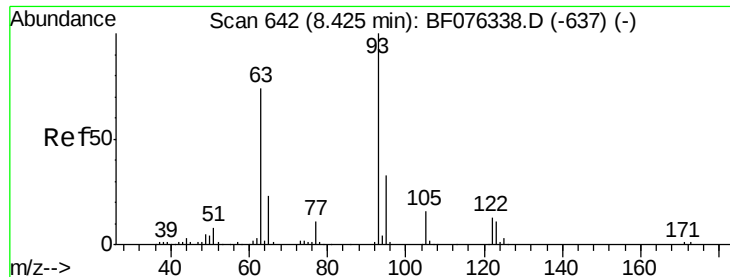
#31
 Naphthalene
 Concen: 34.11 ng
 RT: 8.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:128 Resp: 344705
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.1 13.7
 127 13.1 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: 43.01 ng

RT: 8.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

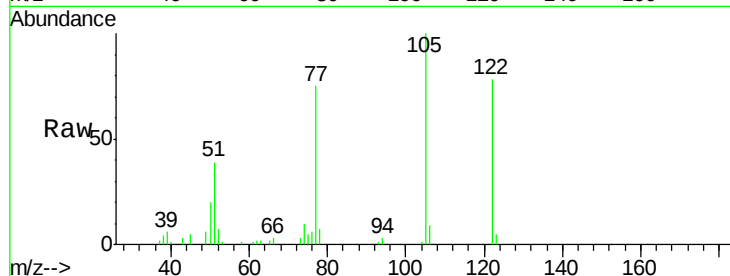
Tot Ion:122 Resp: 71797

Ion Ratio Lower Upper

122 100

105 128.6 110.2 150.2

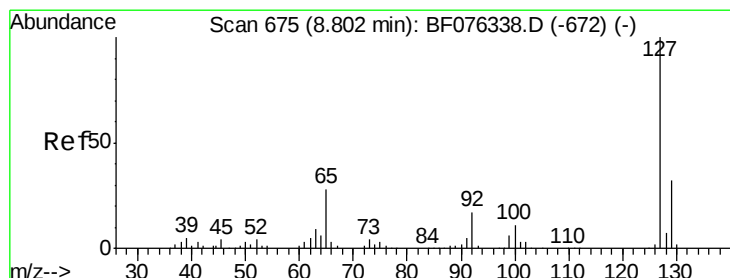
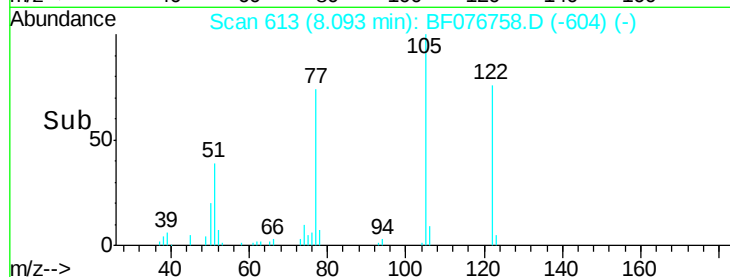
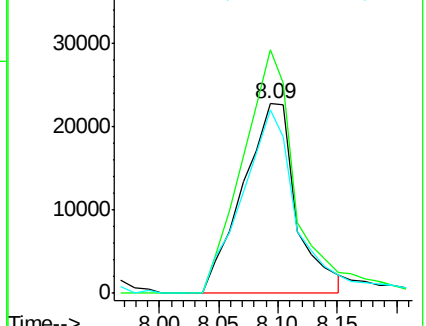
77 97.0 70.7 110.7



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: 19.01 ng

RT: 8.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Tgt Ion:127 Resp: 78439

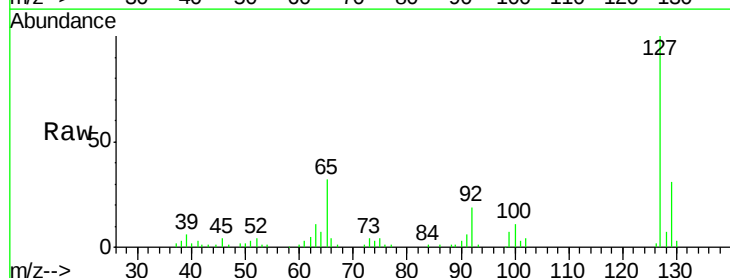
Ion Ratio Lower Upper

127 100

129 31.3 25.6 38.4

65 31.7 22.1 33.1

92 18.9 13.6 20.4

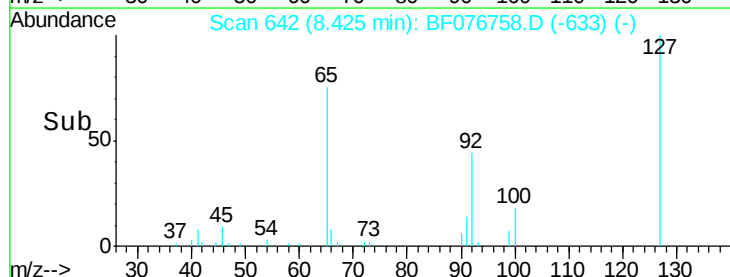
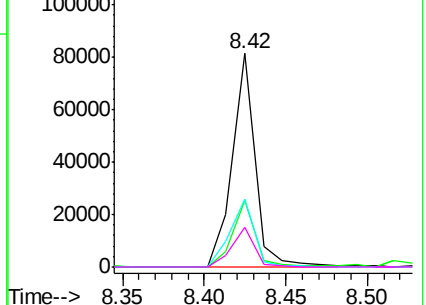


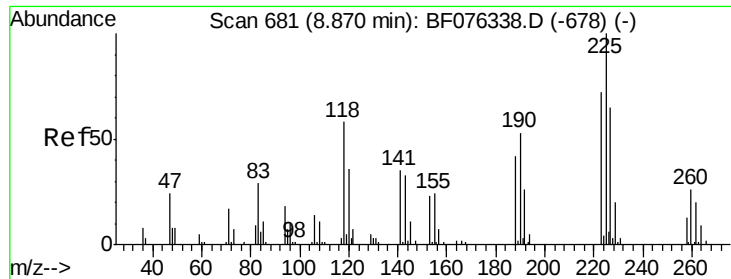
Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.61 ng

RT: 8.49 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

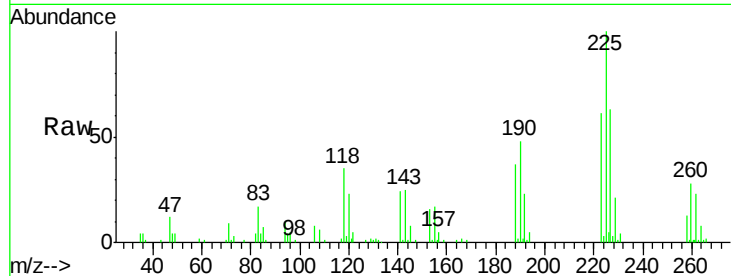
Tot Ion:225 Resp: 58198

Ion Ratio Lower Upper

225 100

223 61.4 57.3 85.9

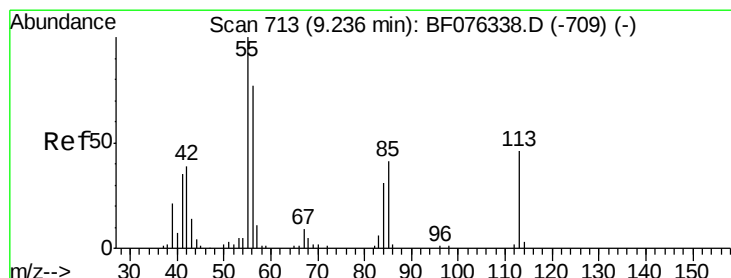
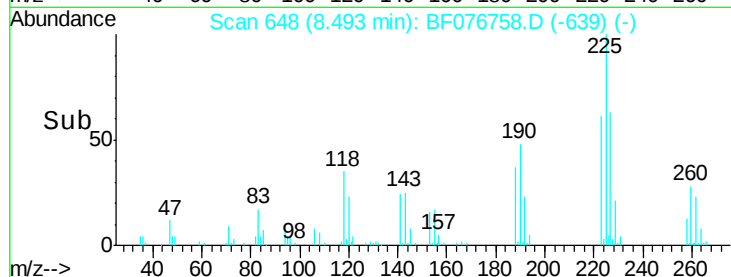
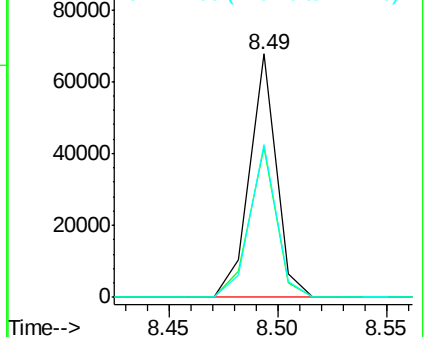
227 62.6 52.3 78.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 37.75 ng

RT: 8.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

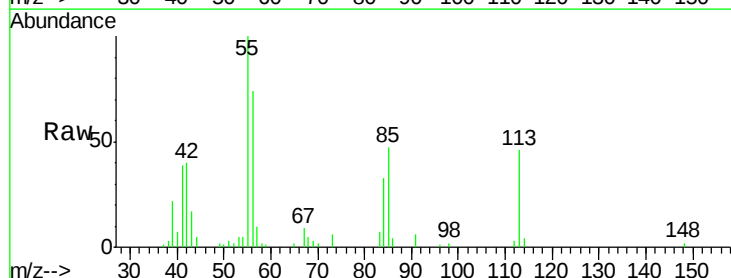
Tgt Ion:113 Resp: 30079

Ion Ratio Lower Upper

113 100

55 216.6 199.5 239.5

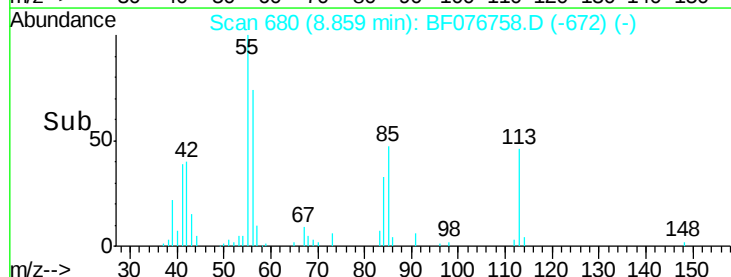
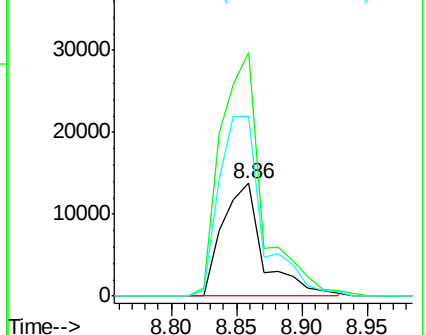
56 159.7 148.4 188.4

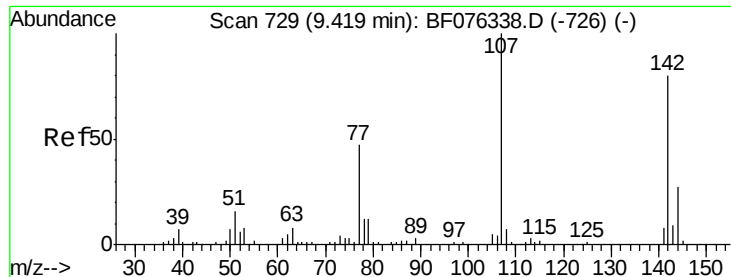


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

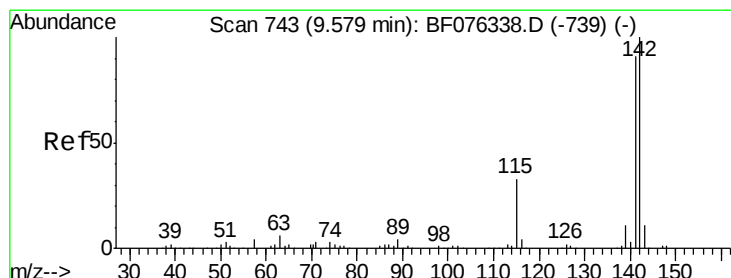
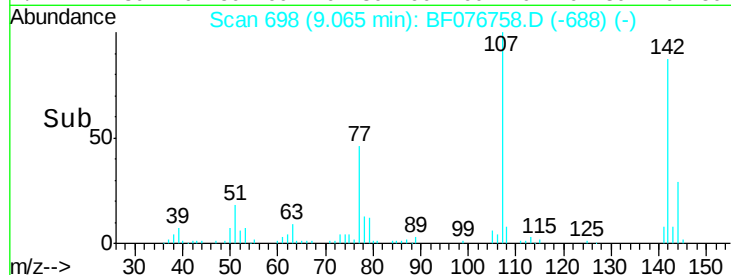
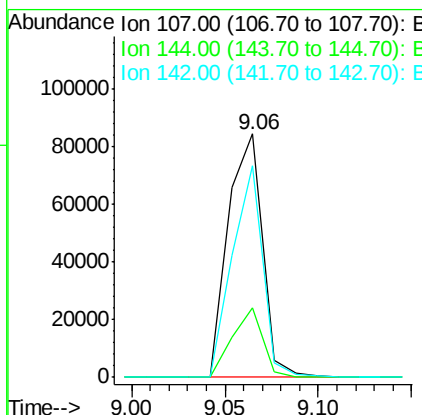
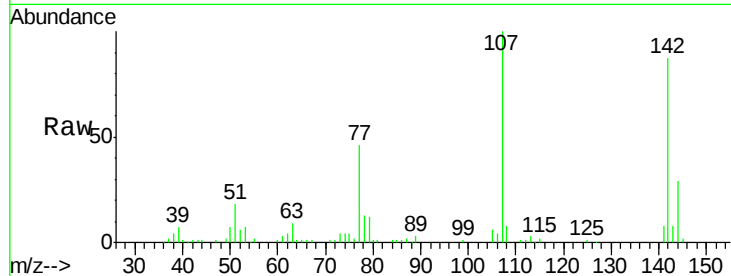




#36
 4-Chloro-3-methylphenol
 Concen: 35.20 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

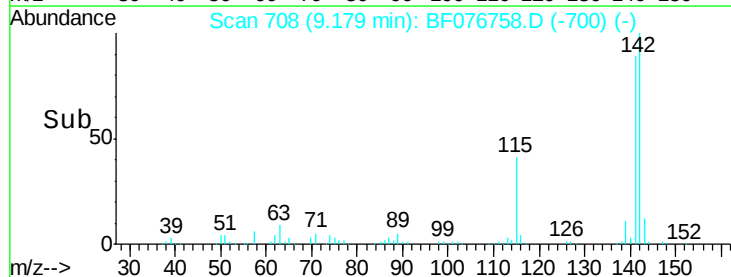
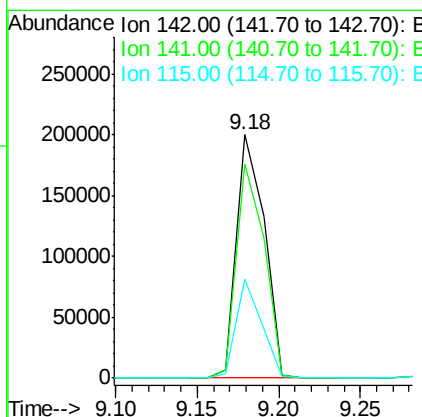
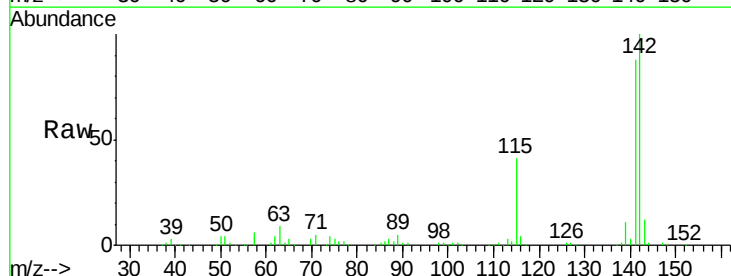
Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

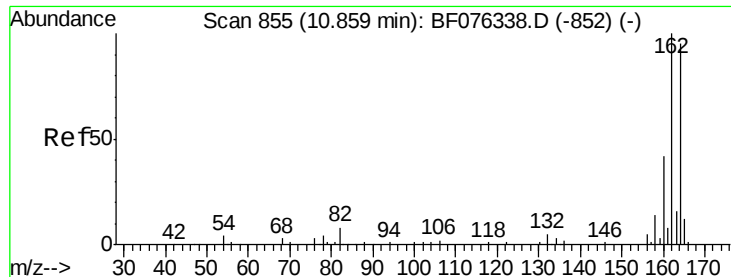
Tot Ion:107 Resp: 108253
 Ion Ratio Lower Upper
 107 100
 144 28.8 21.8 32.6
 142 86.8 64.4 96.6



#37
 2-Methylnaphthalene
 Concen: 33.33 ng
 RT: 9.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:142 Resp: 235026
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.4 108.6
 115 40.9 26.5 39.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

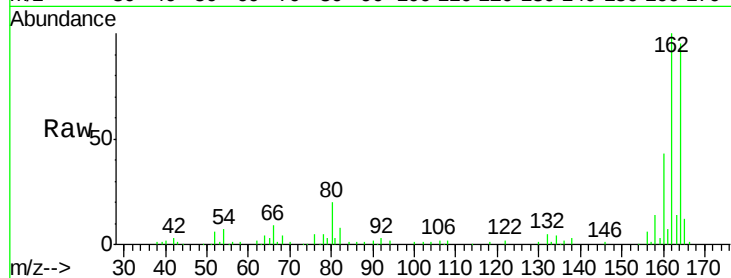
Tot Ion:164 Resp: 110669

Ion Ratio Lower Upper

164 100

162 105.4 84.2 126.2

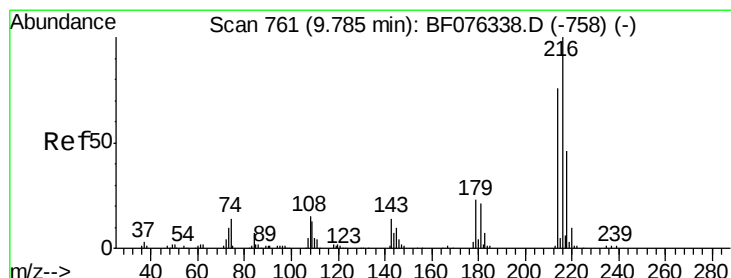
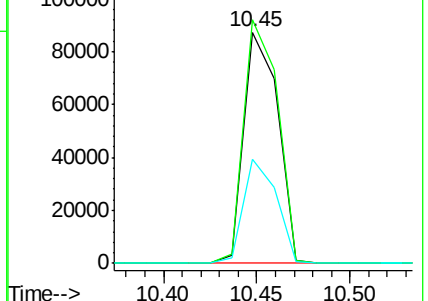
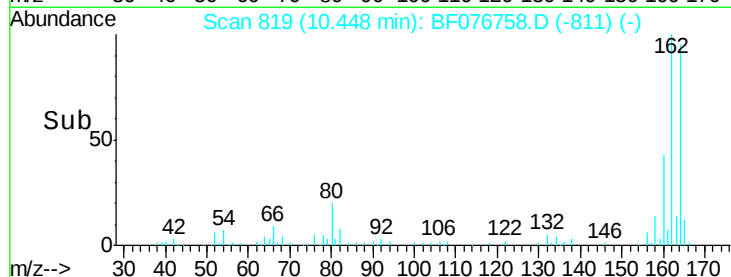
160 45.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.32 ng

RT: 9.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Tgt Ion:216 Resp: 96145

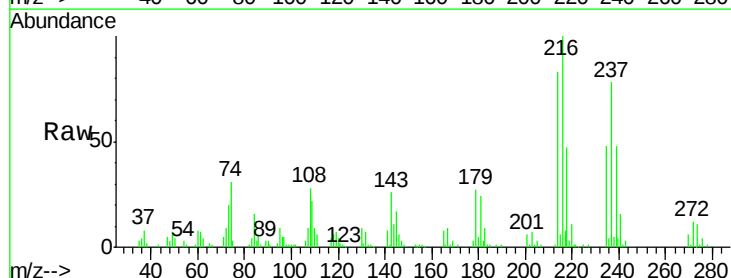
Ion Ratio Lower Upper

216 100

214 81.5 48.7 73.1#

179 23.7 14.5 21.7#

108 24.6 0.0 0.0#

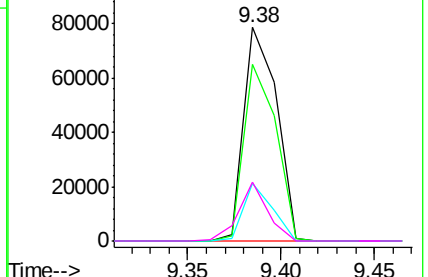
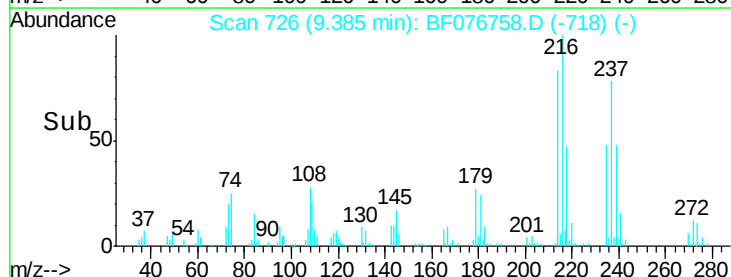


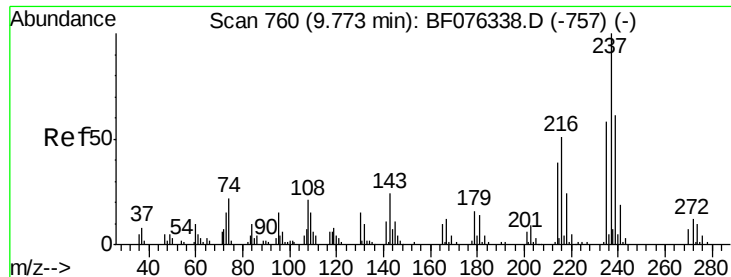
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

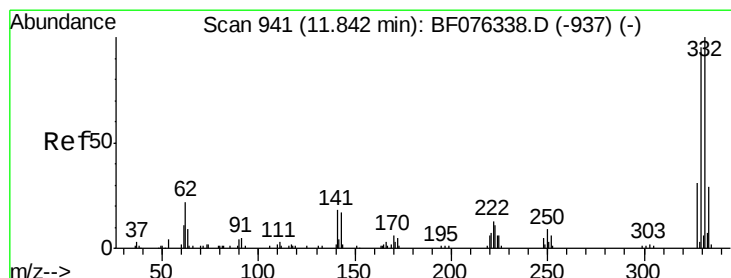
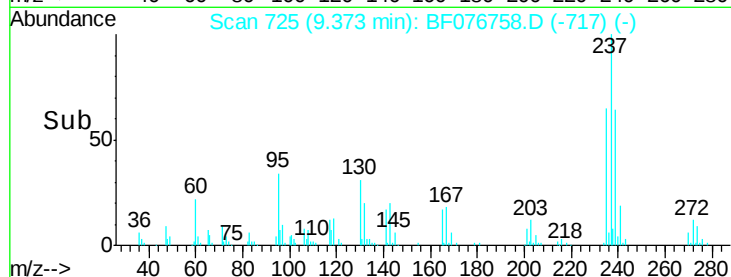
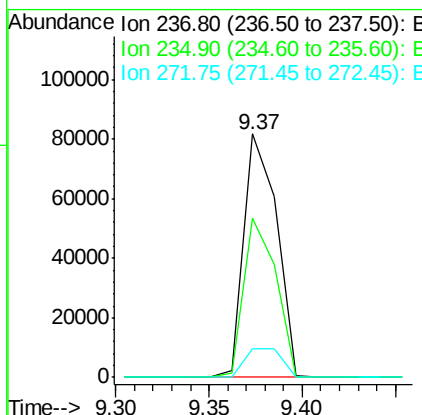
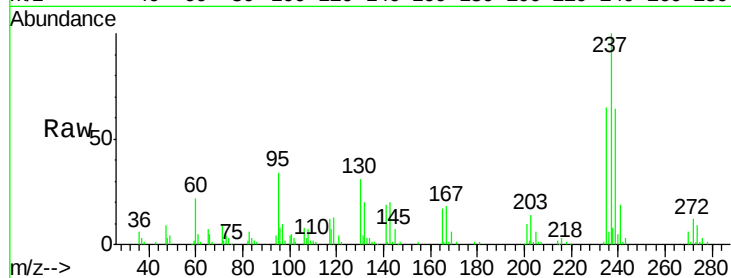




#40
Hexachlorocyclopentadiene
Concen: 64.84 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

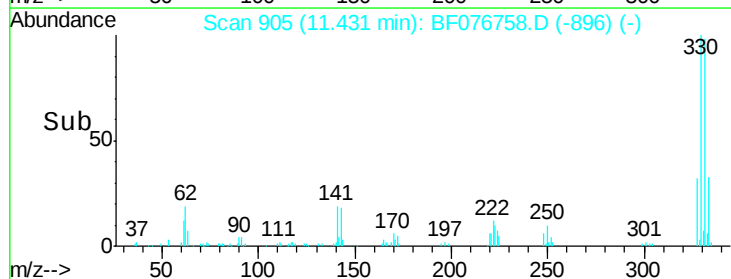
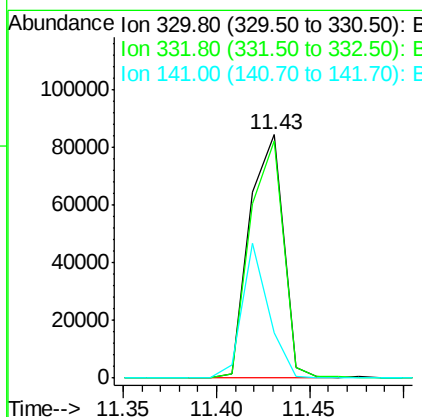
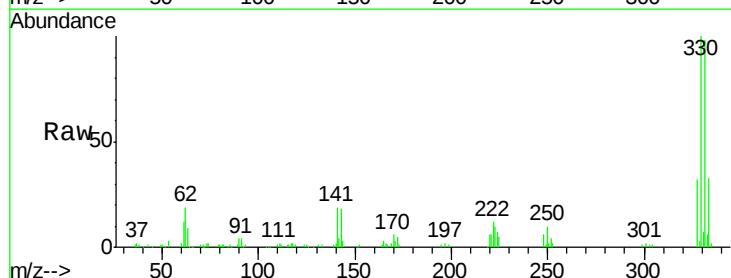
Instrument :
BNA_F
ClientSampleId :
PB81207BS

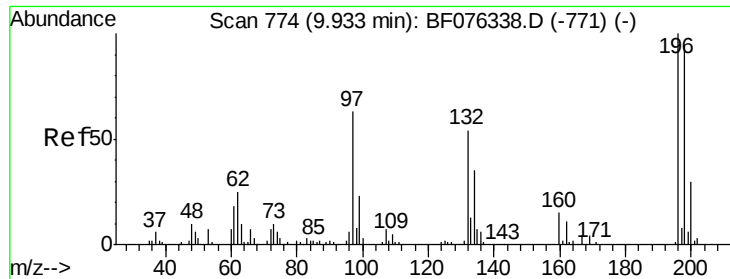
Tot Ion:237 Resp: 99973
Ion Ratio Lower Upper
237 100
235 65.2 38.5 78.5
272 11.7 0.0 32.2



#41
2,4,6-Tribromophenol
Concen: 113.55 ng
RT: 11.43 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:330 Resp: 106205
Ion Ratio Lower Upper
330 100
332 96.6 0.0 0.0#
141 44.1 0.0 0.0#

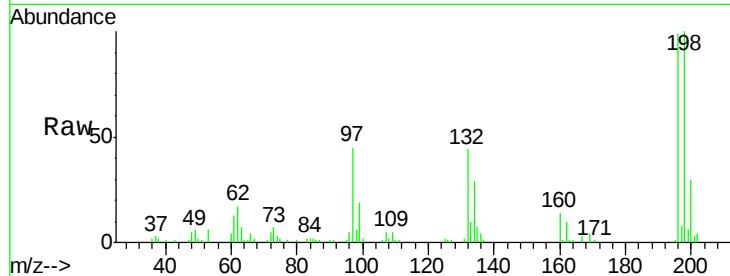




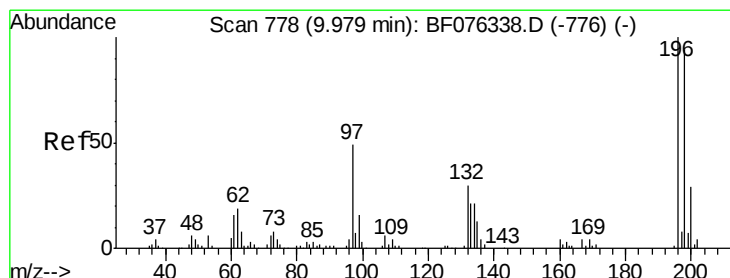
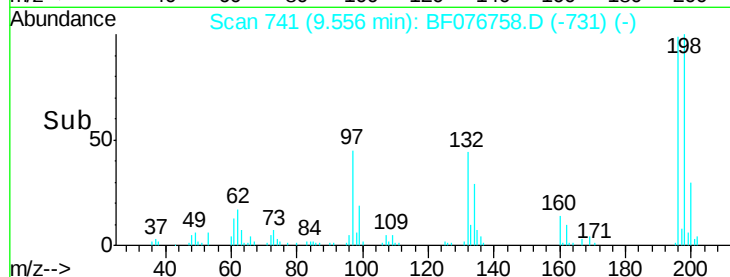
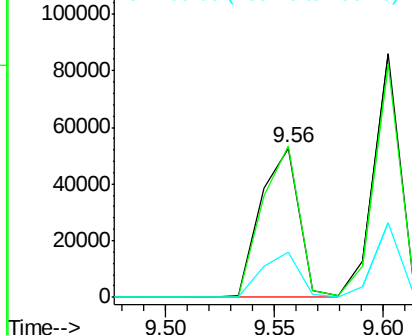
#42
 2,4,6-Trichlorophenol
 Concen: 32.80 ng
 RT: 9.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

Tot Ion:196 Resp: 64782
 Ion Ratio Lower Upper
 196 100
 198 101.4 75.6 113.4
 200 30.3 24.0 36.0

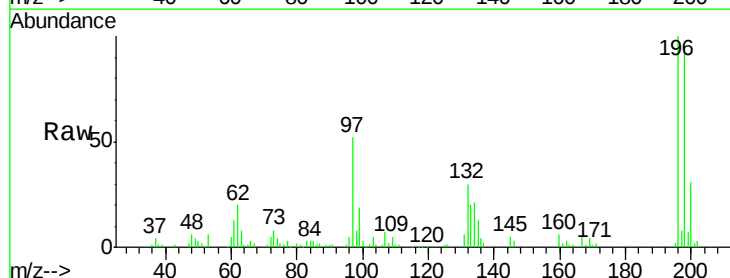


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

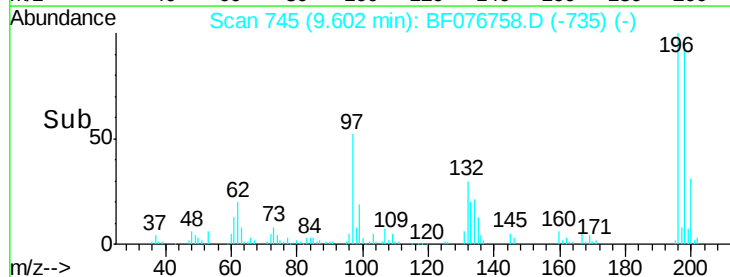
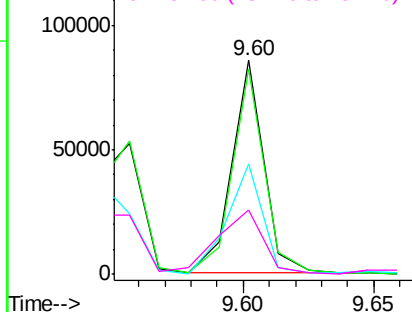


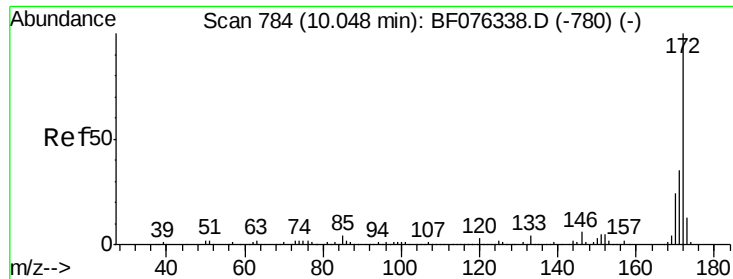
#43
 2,4,5-Trichlorophenol
 Concen: 34.51 ng
 RT: 9.60 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:196 Resp: 73331
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.2 112.8
 97 51.5 39.0 58.4
 132 29.7 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

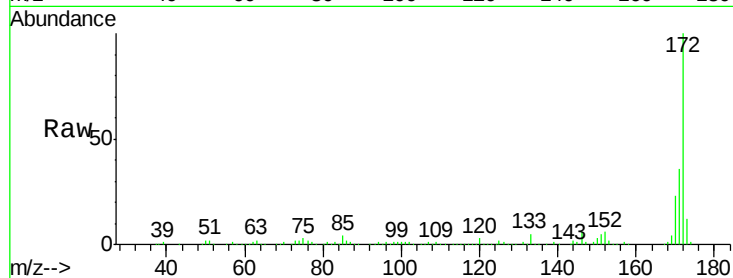




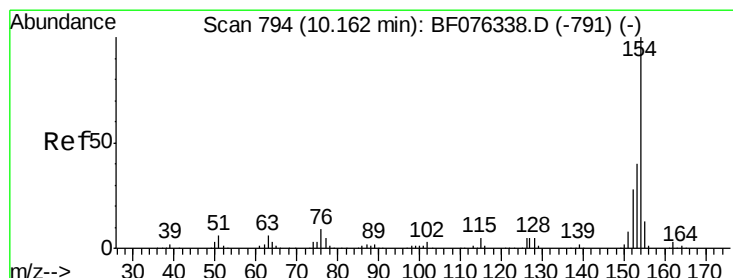
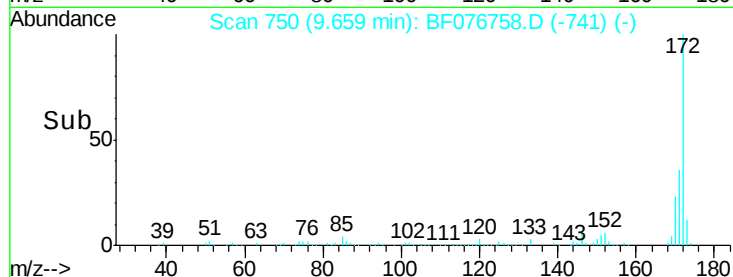
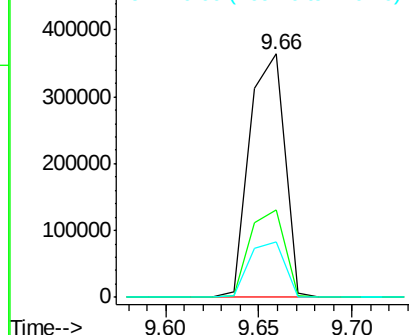
#44
2-Fluorobiphenyl
Concen: 66.64 ng
RT: 9.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

Tot Ion:172 Resp: 473946
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 22.9 19.0 28.4

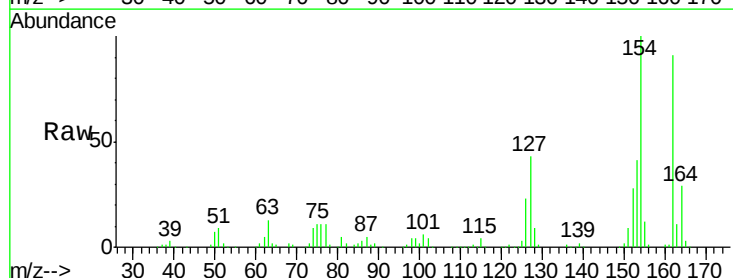


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

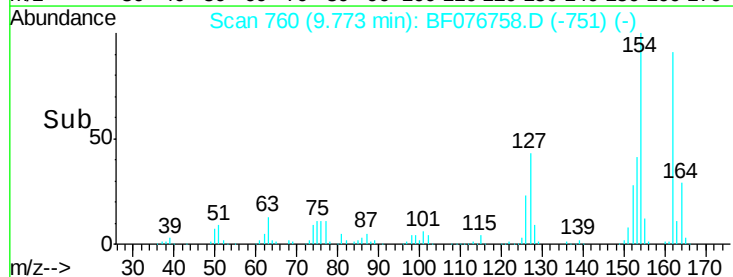
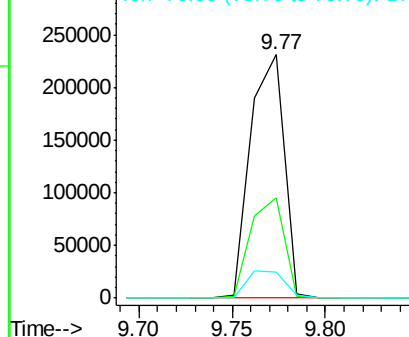


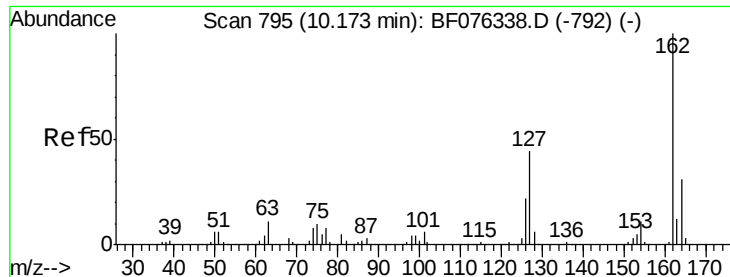
#45
1,1'-Biphenyl
Concen: 35.81 ng
RT: 9.77 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:154 Resp: 294405
Ion Ratio Lower Upper
154 100
153 41.0 20.0 60.0
76 10.7 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

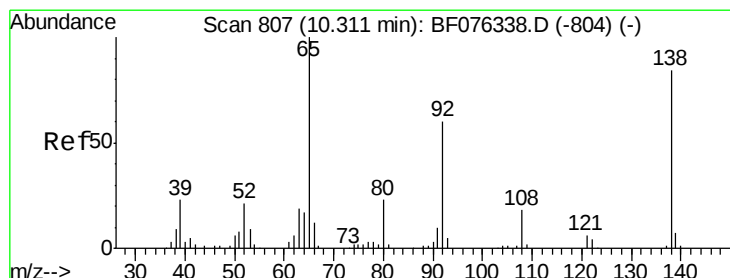
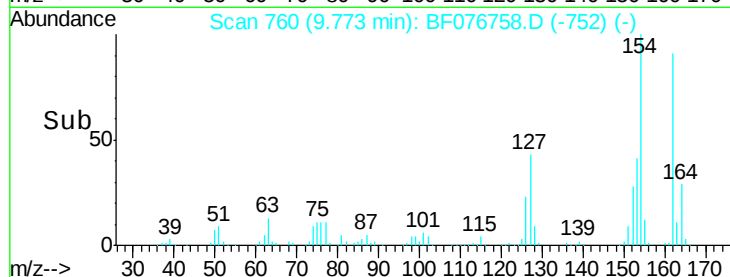
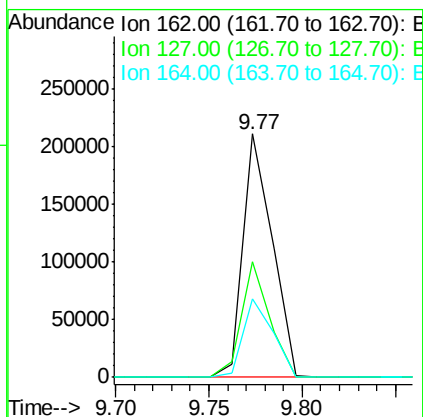
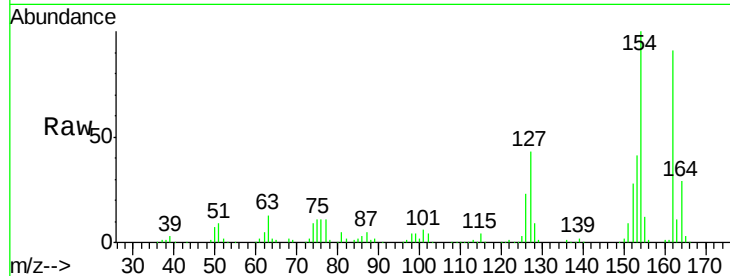




#46
 2-Chloronaphthalene
 Concen: 35.20 ng
 RT: 9.77 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

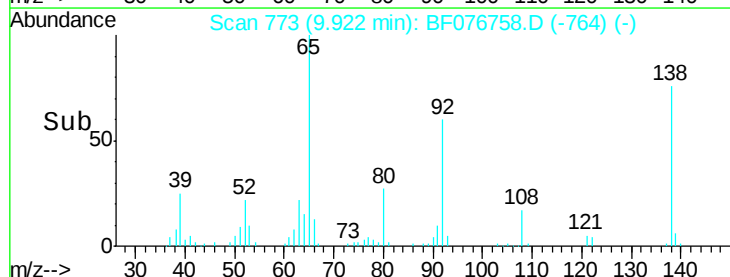
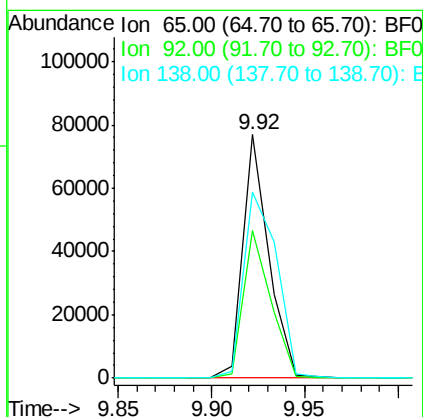
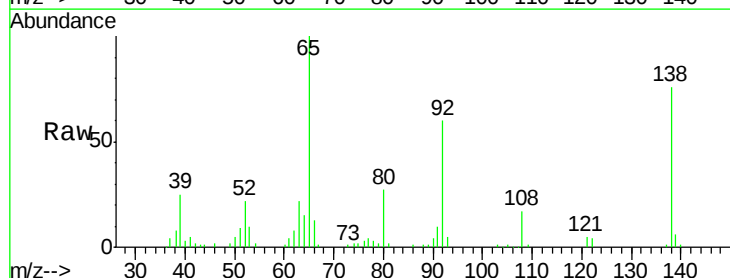
Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

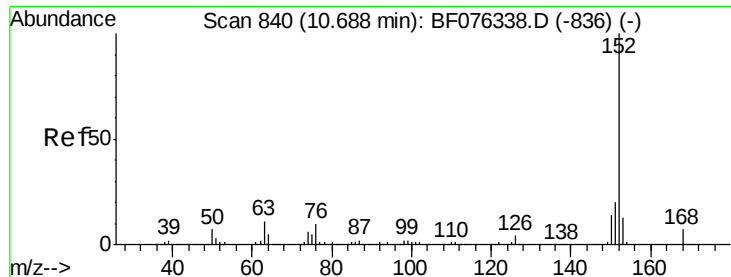
Tot Ion:162 Resp: 229498
 Ion Ratio Lower Upper
 162 100
 127 47.5 35.2 52.8
 164 32.2 24.6 36.8



#47
 2-Nitroaniline
 Concen: 37.49 ng
 RT: 9.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion: 65 Resp: 74359
 Ion Ratio Lower Upper
 65 100
 92 60.4 48.0 72.0
 138 76.3 67.0 100.6





#48

Acenaphthylene

Concen: 34.79 ng

RT: 10.28 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

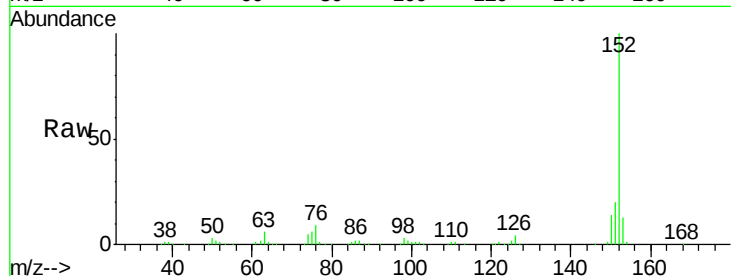
Tot Ion:152 Resp: 385855

Ion Ratio Lower Upper

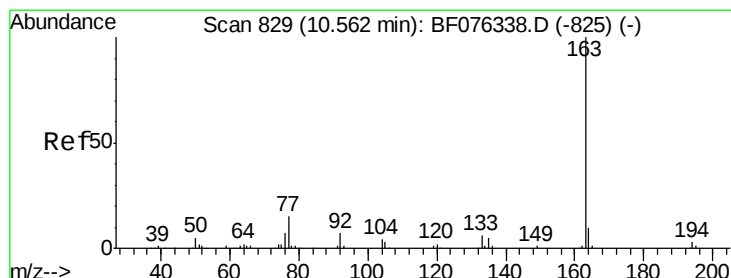
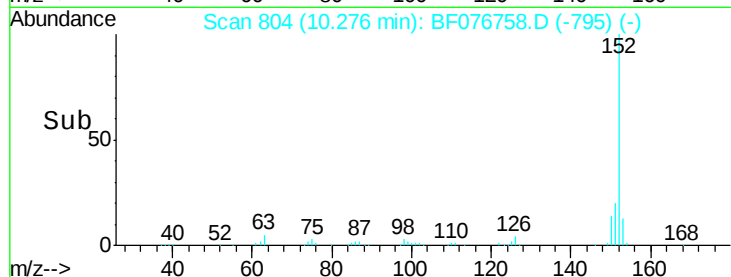
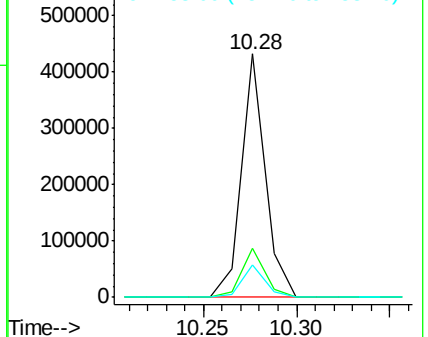
152 100

151 20.1 15.7 23.5

153 13.3 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: 36.09 ng

RT: 10.17 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

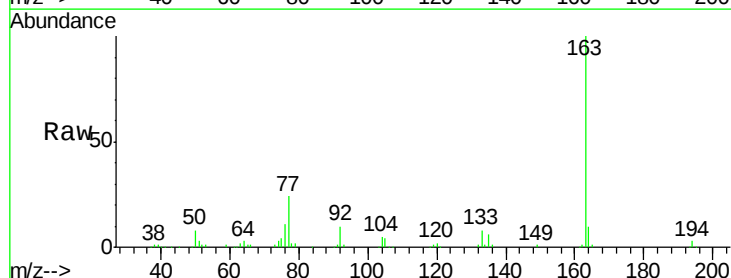
Tgt Ion:163 Resp: 282541

Ion Ratio Lower Upper

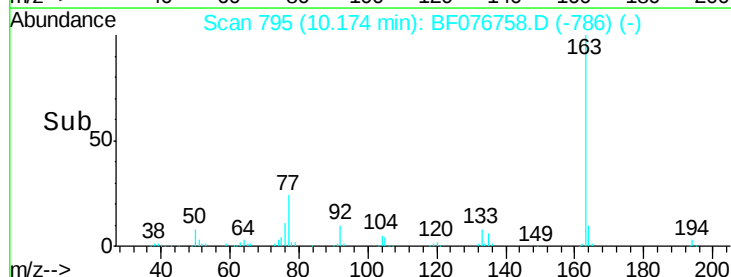
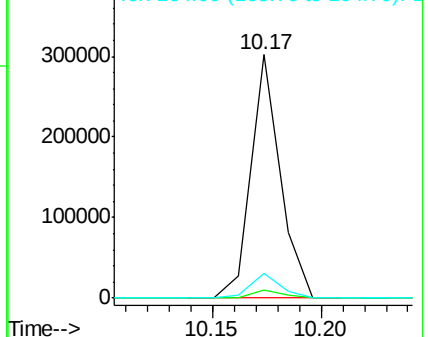
163 100

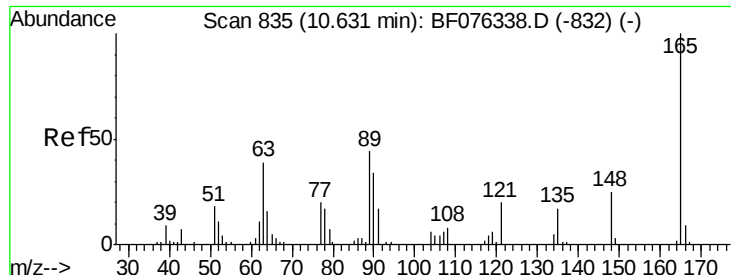
194 3.2 2.6 4.0

164 10.3 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

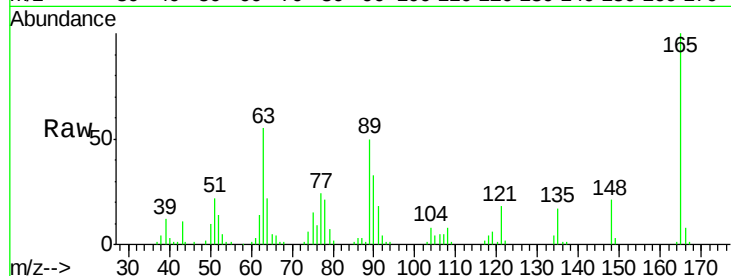




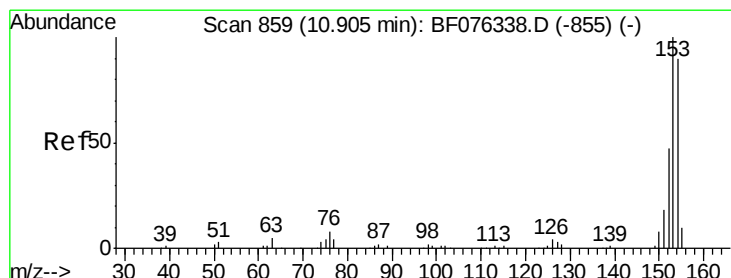
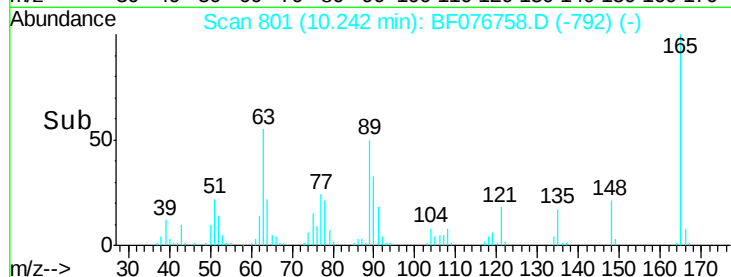
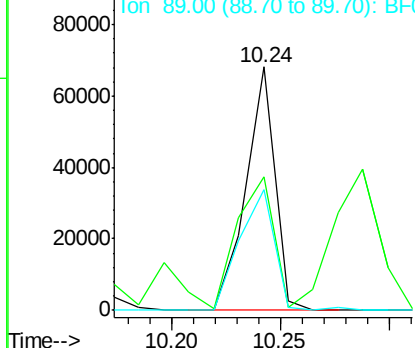
#50
2,6-Dinitrotoluene
Concen: 39.31 ng
RT: 10.24 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

Tot Ion:165 Resp: 63060
Ion Ratio Lower Upper
165 100
63 55.1 35.0 52.6#
89 49.8 35.4 53.2

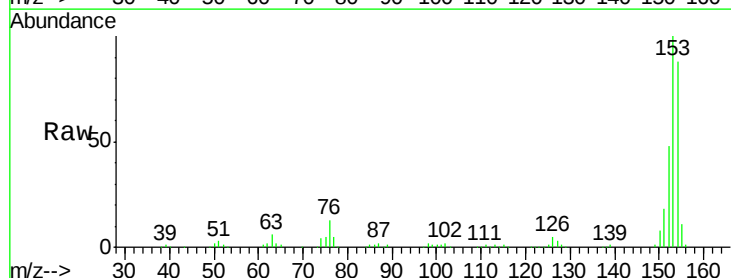


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

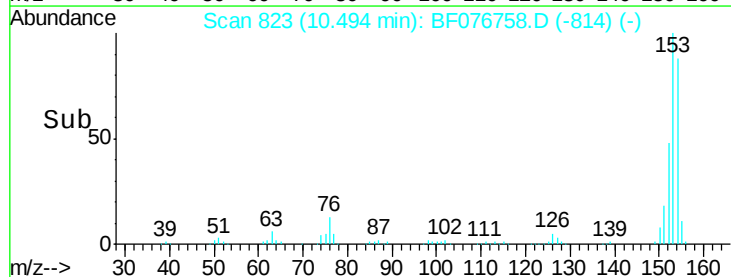
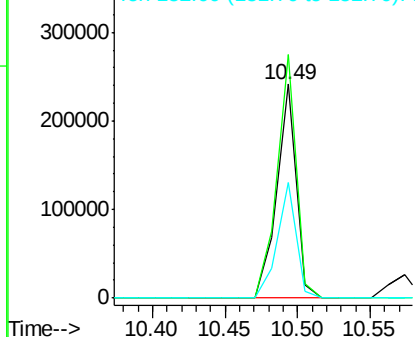


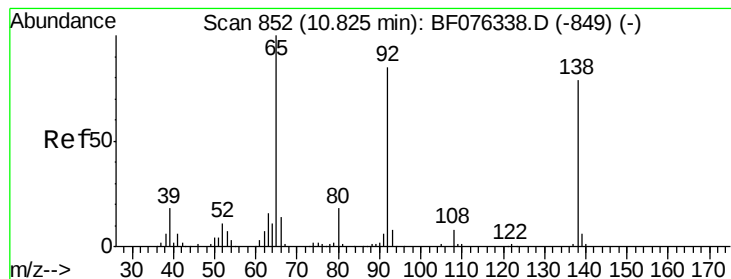
#51
Acenaphthene
Concen: 35.54 ng
RT: 10.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:154 Resp: 223027
Ion Ratio Lower Upper
154 100
153 114.0 89.4 134.0
152 54.2 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 26.40 ng

RT: 10.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

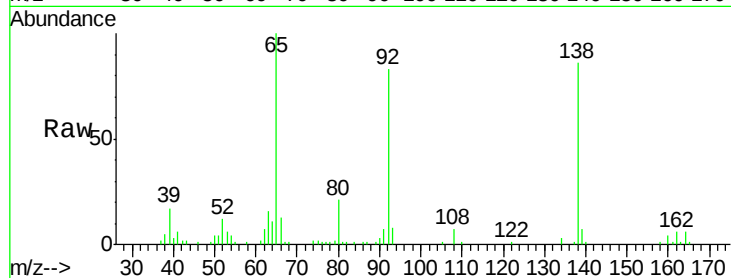
Tot Ion:138 Resp: 48089

Ion Ratio Lower Upper

138 100

108 7.6 8.5 12.7#

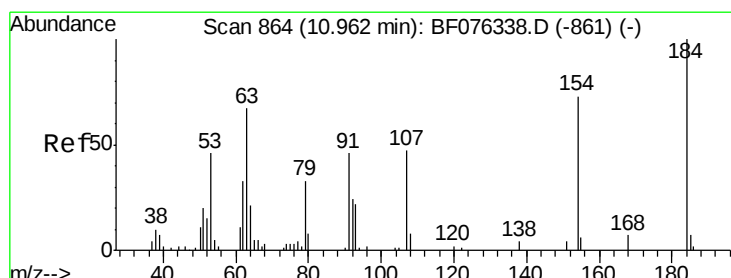
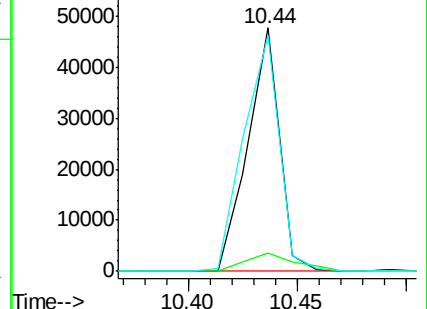
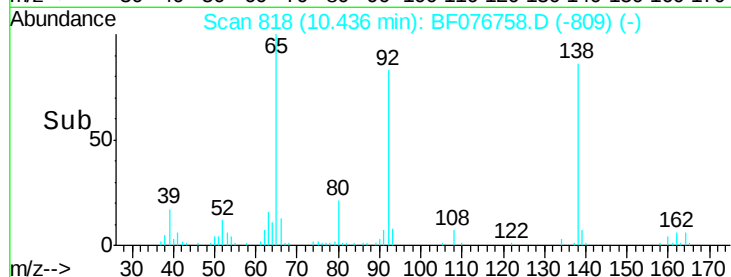
92 97.1 85.6 128.4



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: 53.89 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

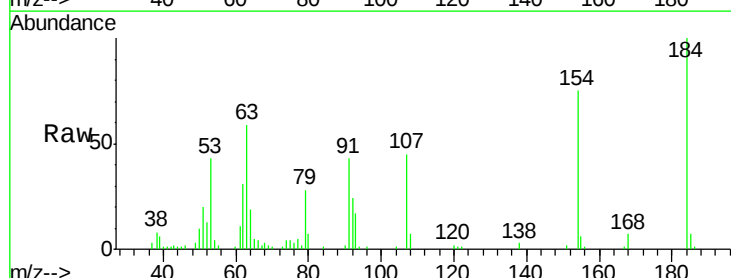
Tgt Ion:184 Resp: 42492

Ion Ratio Lower Upper

184 100

63 59.2 53.4 80.0

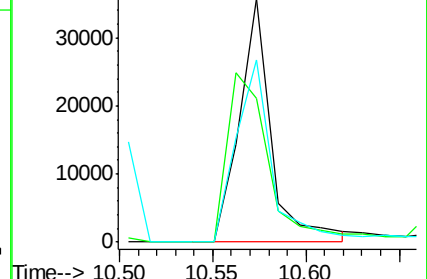
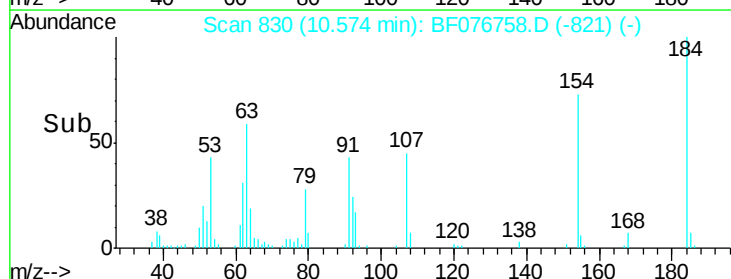
154 74.7 58.5 87.7

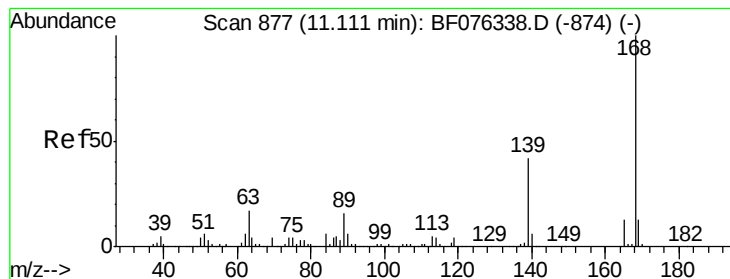


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 36.89 ng

RT: 10.71 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

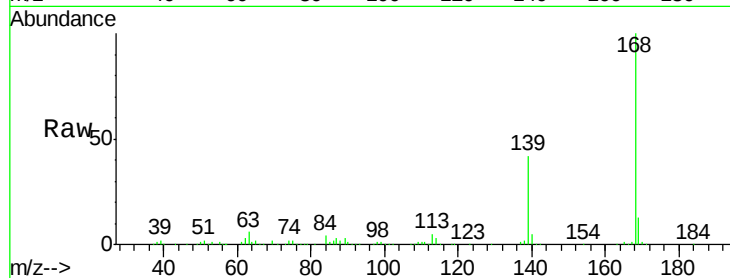
Tot Ion:168 Resp: 334817

Ion Ratio Lower Upper

168 100

139 41.7 34.2 51.4

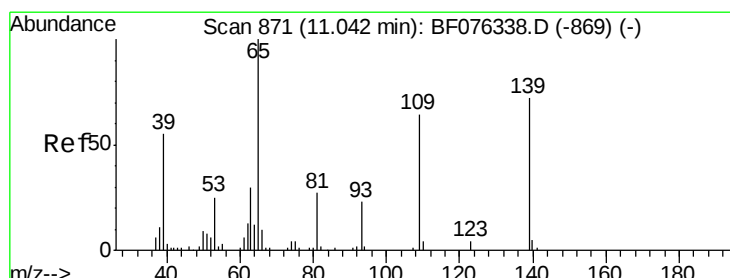
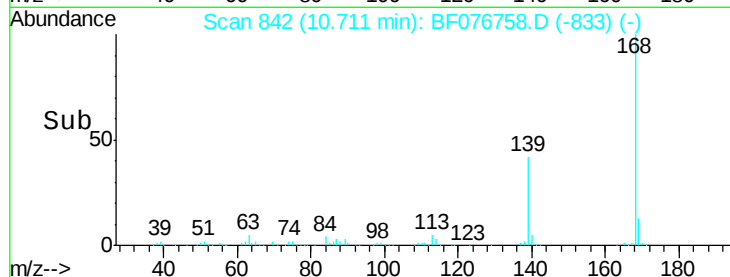
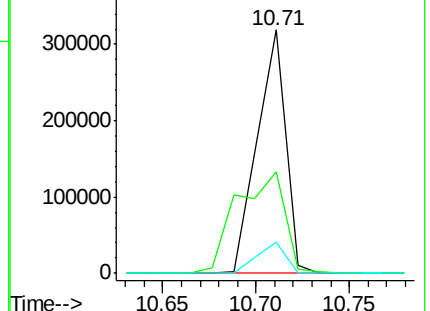
169 12.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 101.88 ng m

RT: 10.69 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

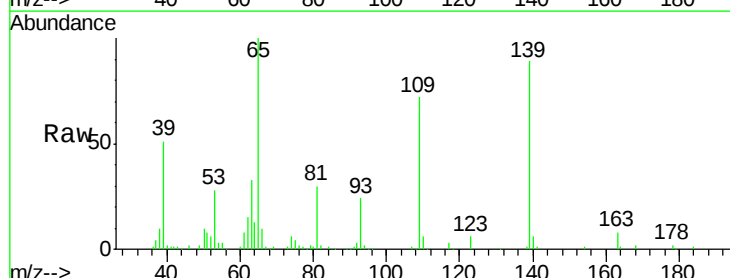
Tgt Ion:139 Resp: 142270

Ion Ratio Lower Upper

139 100

109 80.7 69.1 109.1

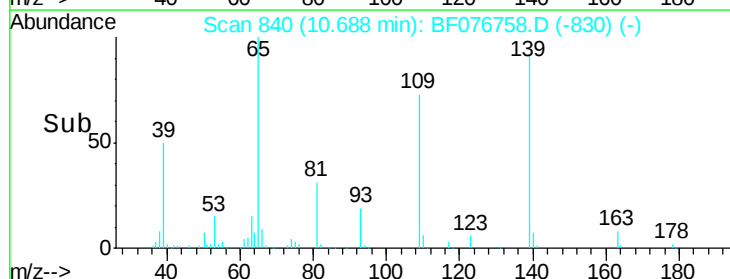
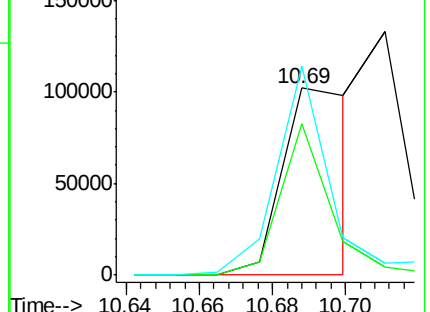
65 112.0 119.8 159.8#

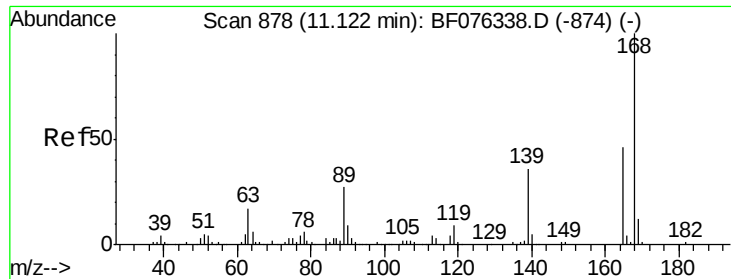


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 40.82 ng

RT: 10.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

Tot Ion:165 Resp: 87250

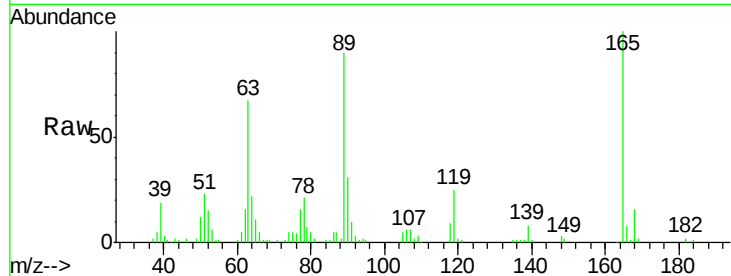
Ion Ratio Lower Upper

165 100

63 67.1 30.2 45.2#

89 89.6 46.8 70.2#

182 2.3 1.8 2.6

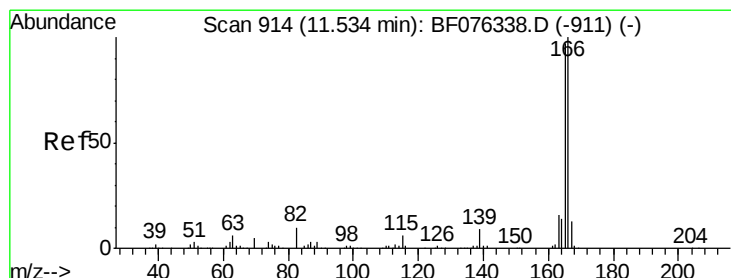
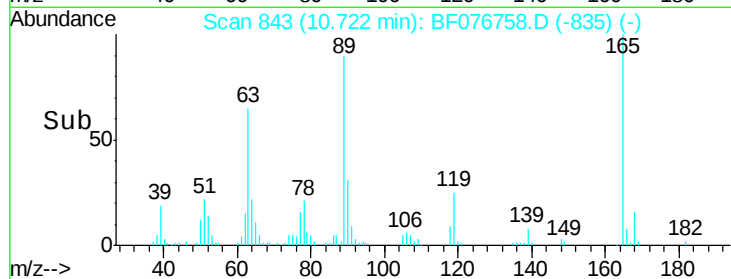
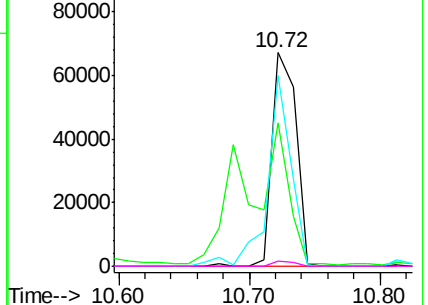


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 35.27 ng

RT: 11.12 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

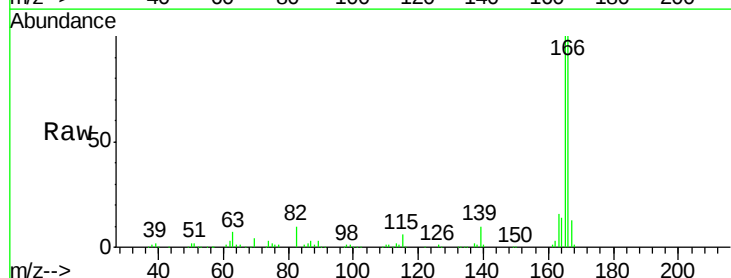
Tgt Ion:166 Resp: 268922

Ion Ratio Lower Upper

166 100

165 100.3 77.9 116.9

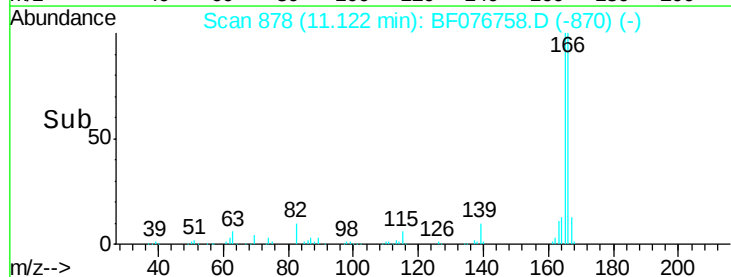
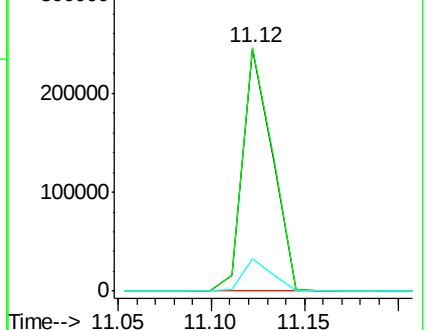
167 13.5 10.6 15.8

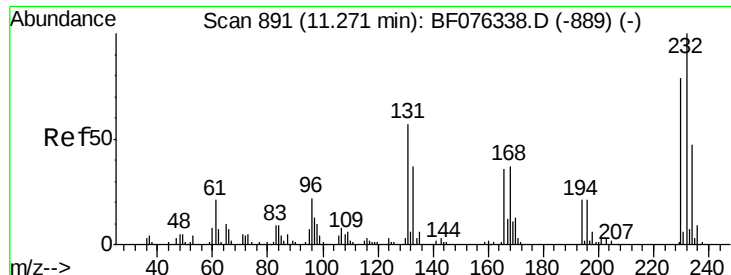


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

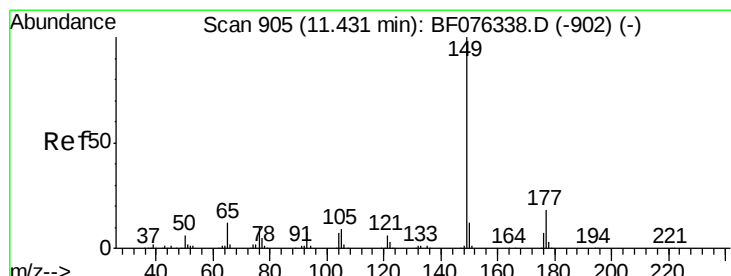
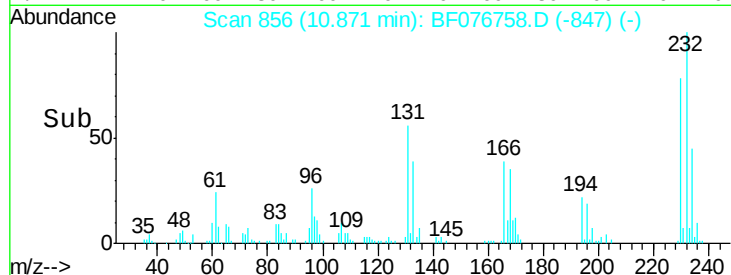
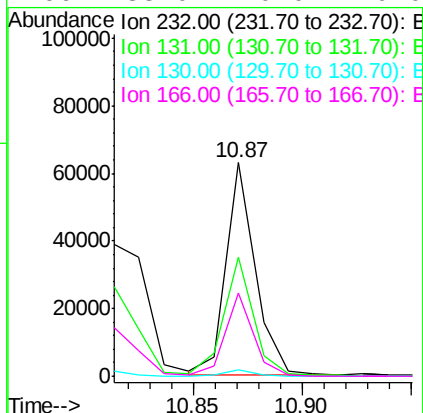
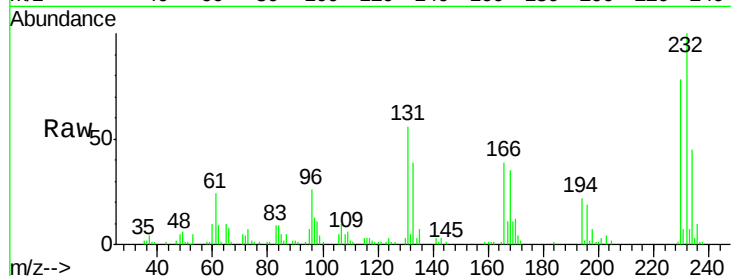




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.07 ng
 RT: 10.87 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

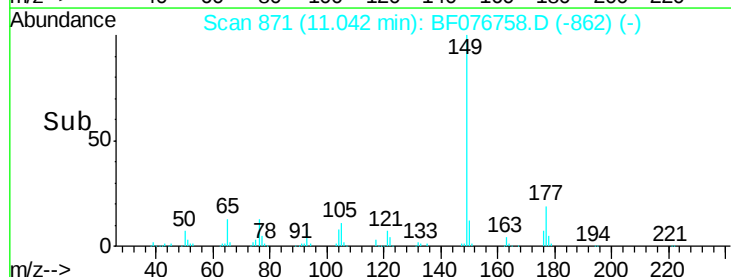
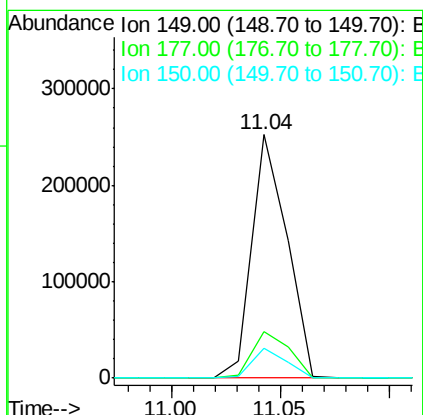
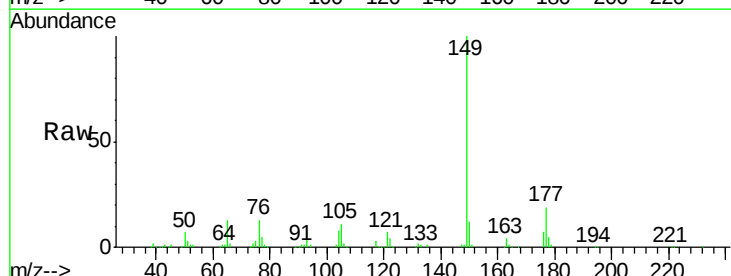
Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

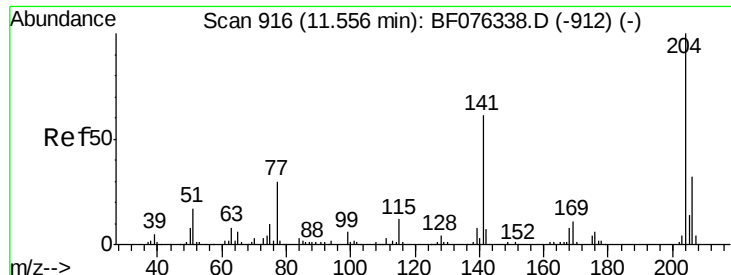
Tot Ion:232 Resp: 58589
 Ion Ratio Lower Upper
 232 100
 131 56.5 0.0 0.0#
 130 3.2 0.0 0.0#
 166 38.0 0.0 0.0#



#59
 Diethylphthalate
 Concen: 35.53 ng
 RT: 11.04 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:149 Resp: 284128
 Ion Ratio Lower Upper
 149 100
 177 19.2 14.7 22.1
 150 12.2 9.8 14.6

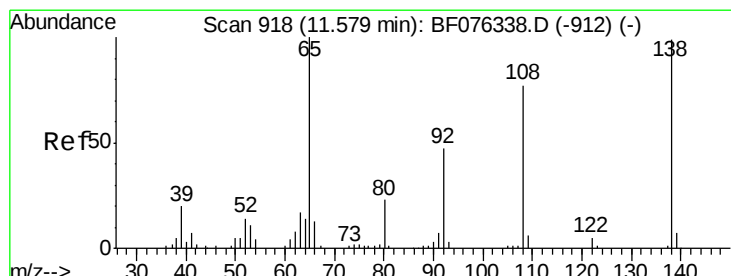
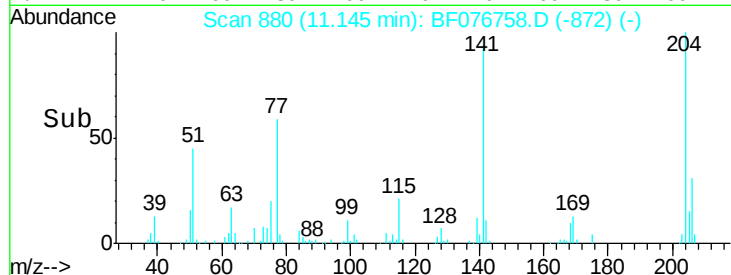
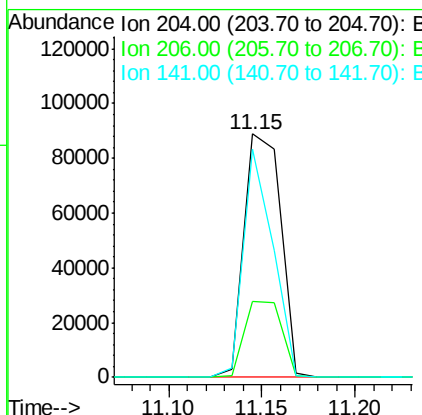
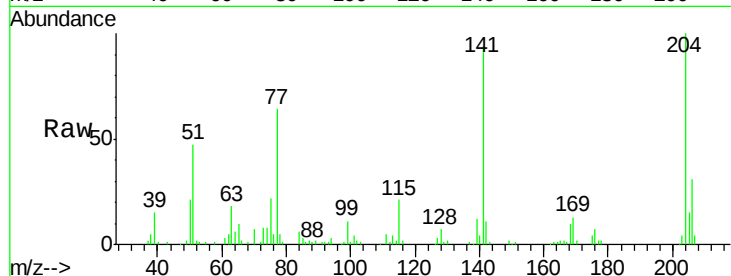




#60
 4-Chlorophenyl-phenylether
 Concen: 36.82 ng
 RT: 11.15 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

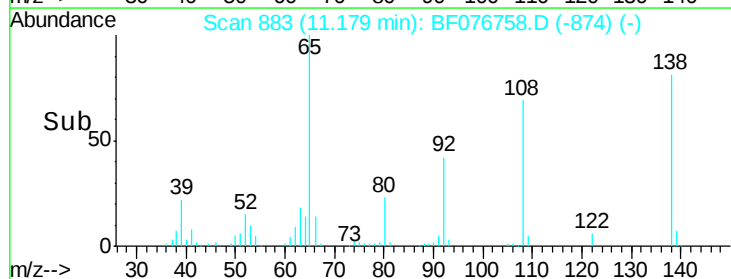
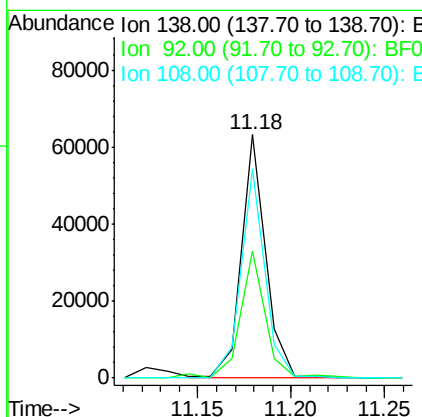
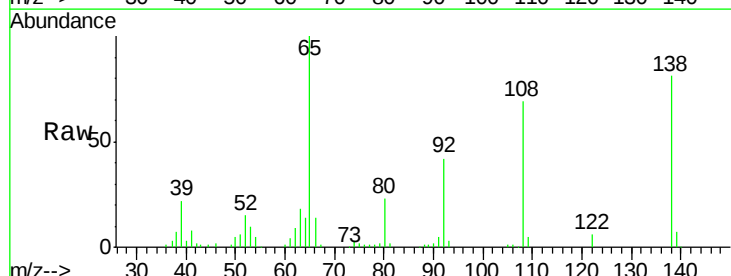
Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

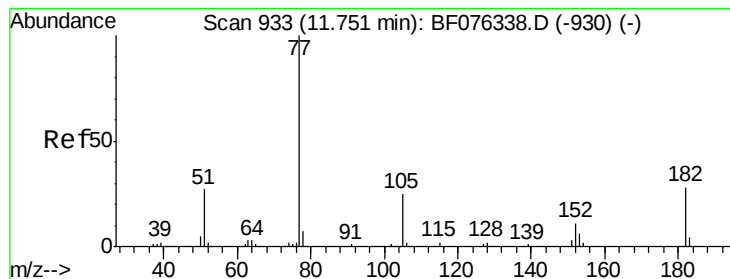
Tot Ion:204 Resp: 121465
 Ion Ratio Lower Upper
 204 100
 206 31.1 25.6 38.4
 141 93.6 48.5 72.7#



#61
 4-Nitroaniline
 Concen: 30.34 ng
 RT: 11.18 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:138 Resp: 58083
 Ion Ratio Lower Upper
 138 100
 92 52.1 27.7 67.7
 108 85.8 57.5 97.5





#62

Azobenzene

Concen: 35.94 ng

RT: 11.34 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

Tot Ion: 77 Resp: 283171

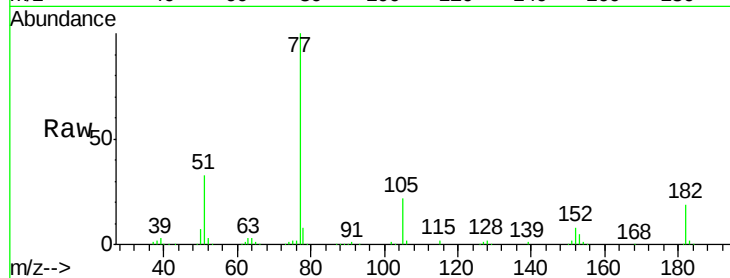
Ion Ratio Lower Upper

77 100

182 19.3 8.3 48.3

105 22.5 4.6 44.6

51 32.6 7.6 47.6

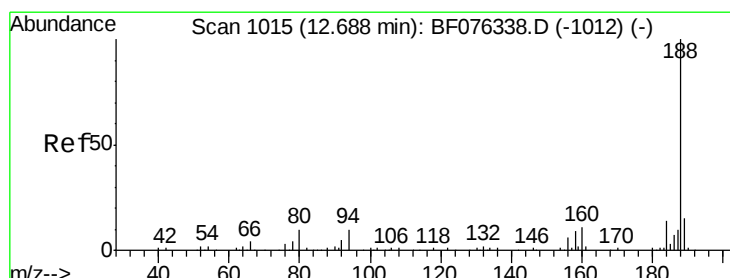
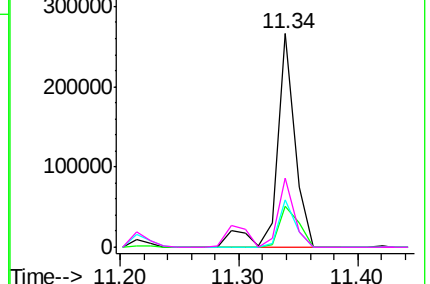
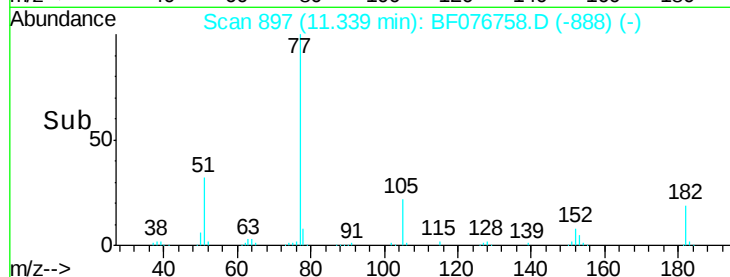


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.27 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

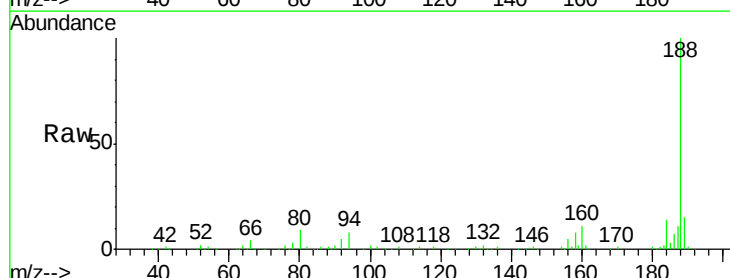
Tgt Ion: 188 Resp: 192725

Ion Ratio Lower Upper

188 100

94 7.7 7.9 11.9#

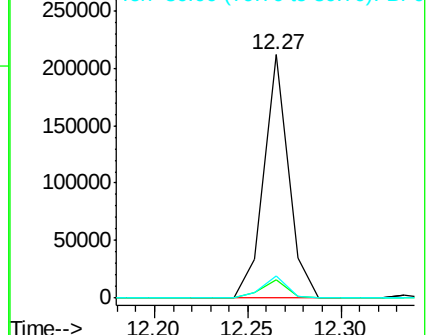
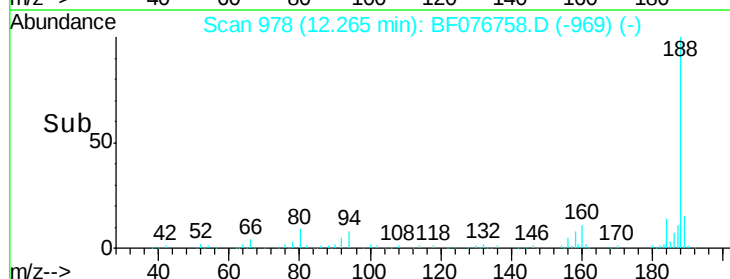
80 9.0 8.2 12.2

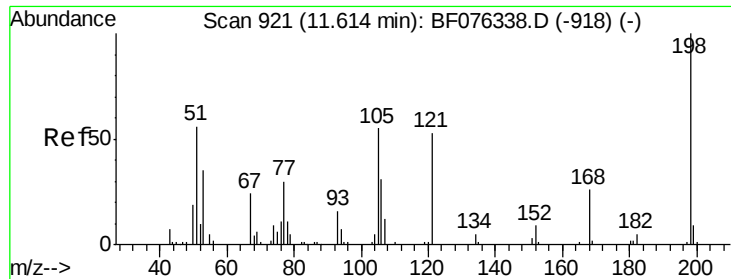


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

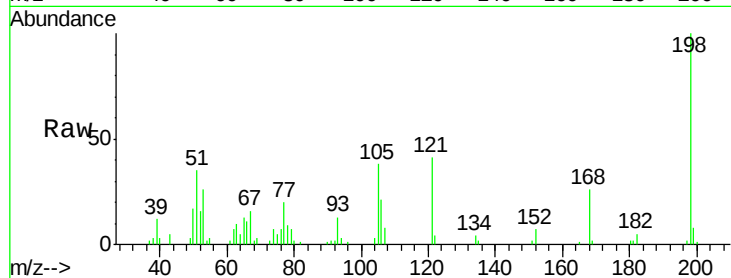




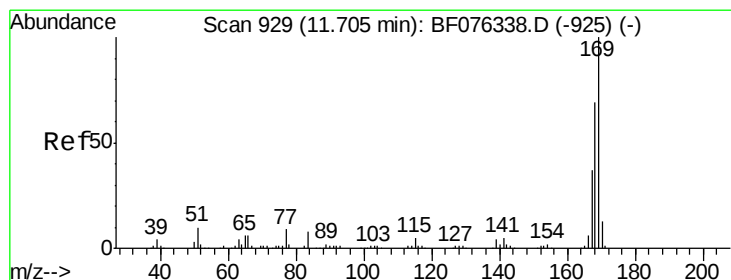
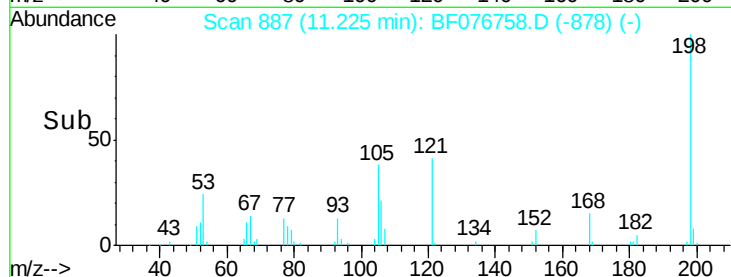
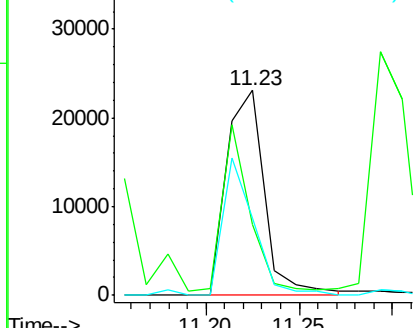
#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.31 ng
 RT: 11.23 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

Tot Ion:198 Resp: 32929
 Ion Ratio Lower Upper
 198 100
 51 34.5 45.3 85.3#
 105 38.0 36.3 76.3

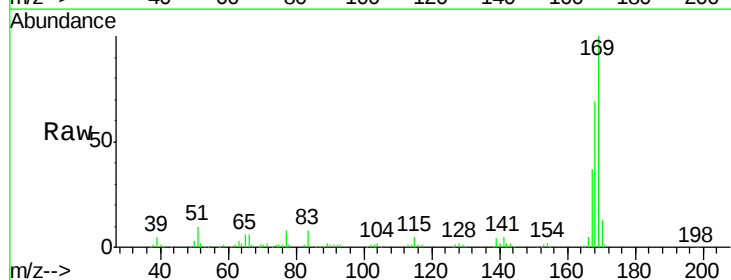


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

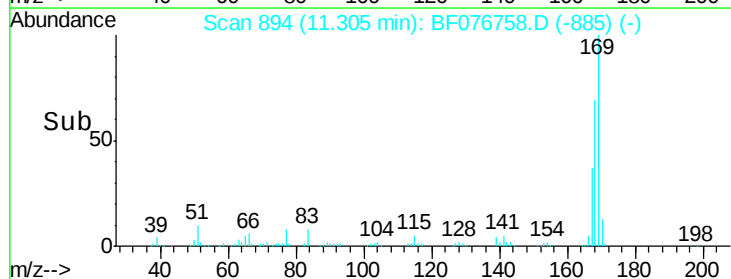
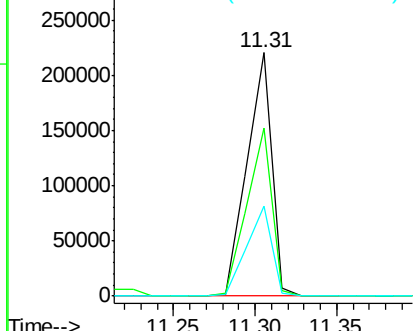


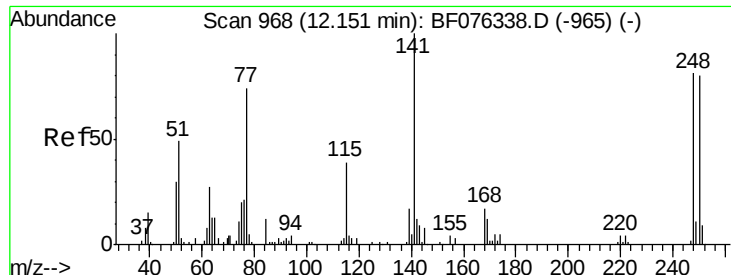
#65
 n-Nitrosodiphenylamine
 Concen: 34.24 ng
 RT: 11.31 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:169 Resp: 231839
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.2 82.8
 167 36.8 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

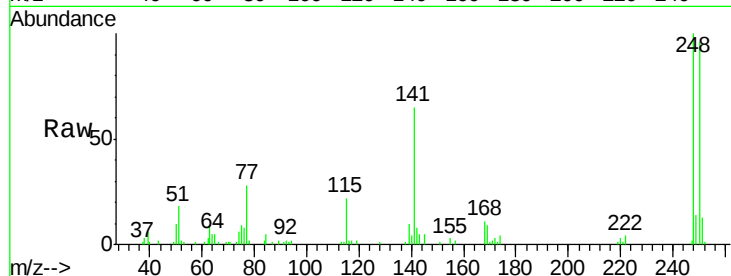




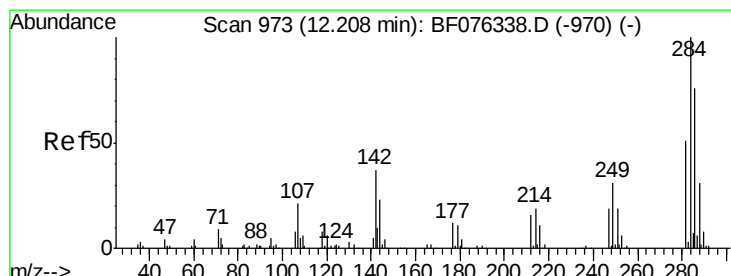
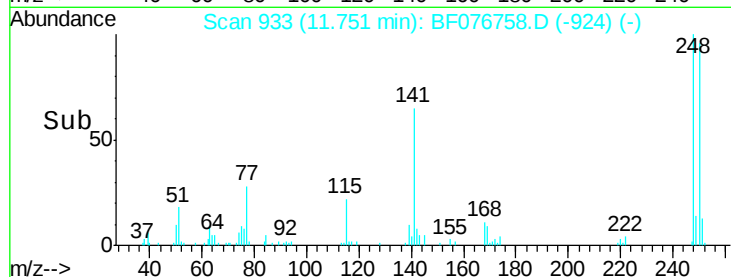
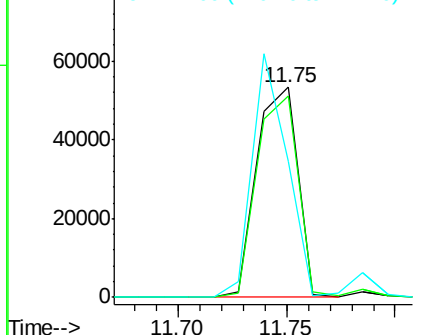
#66
4-Bromophenyl-phenylether
Concen: 37.52 ng
RT: 11.75 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

Tot Ion:248 Resp: 70428
Ion Ratio Lower Upper
248 100
250 96.1 78.4 117.6
141 65.1 98.5 147.7#

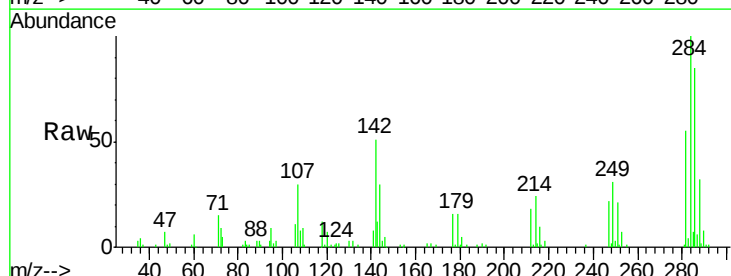


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

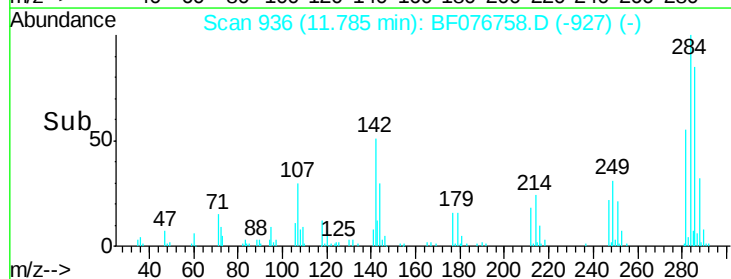
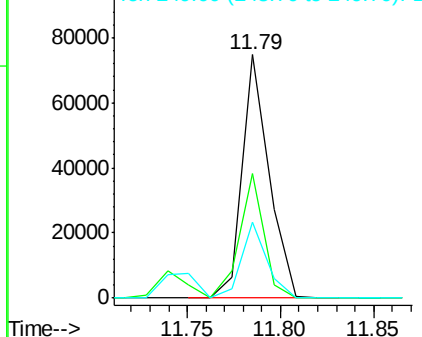


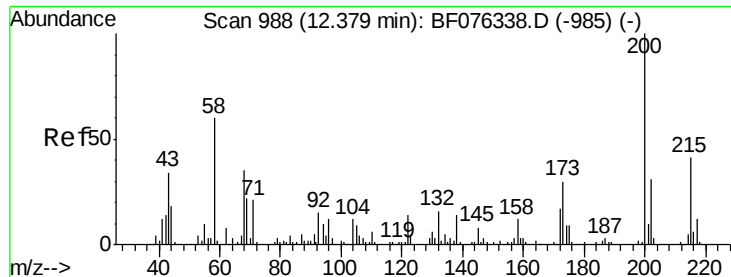
#67
Hexachlorobenzene
Concen: 33.98 ng
RT: 11.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:284 Resp: 74460
Ion Ratio Lower Upper
284 100
142 51.1 30.0 45.0#
249 31.4 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

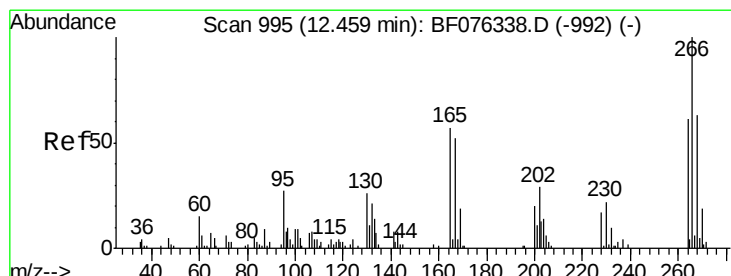
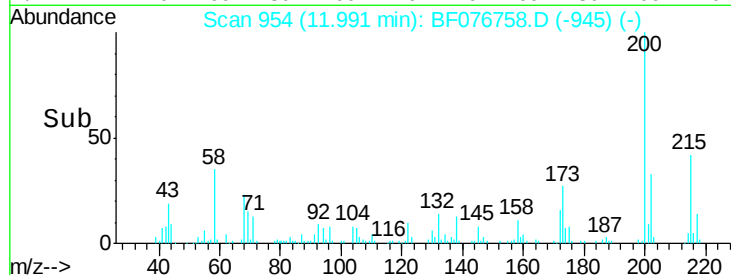
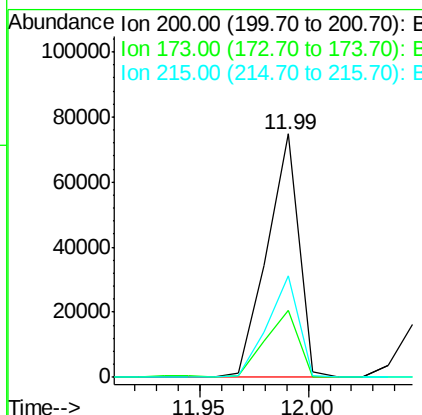
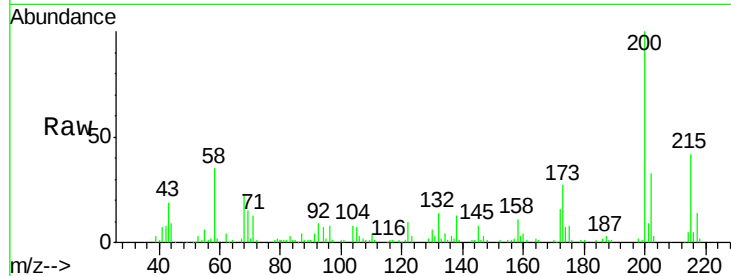




#68
Atrazine
Concen: 37.97 ng
RT: 11.99 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

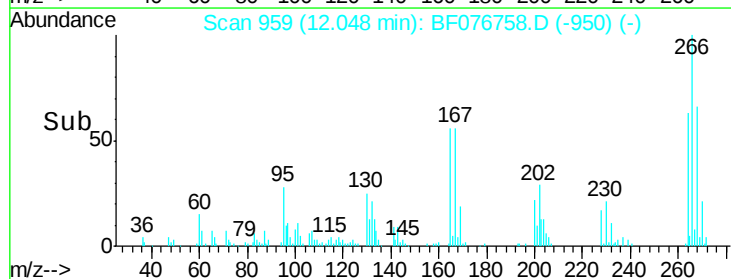
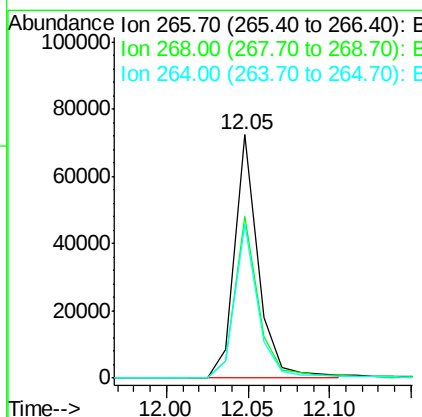
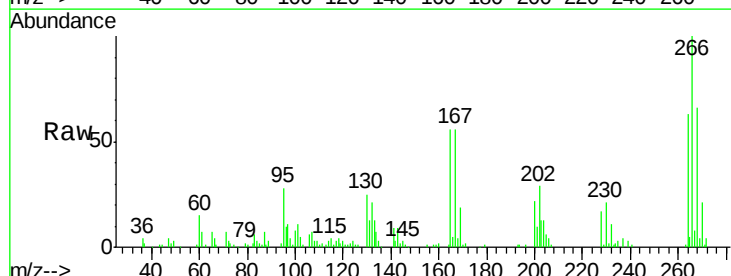
Instrument :
BNA_F
ClientSampleId :
PB81207BS

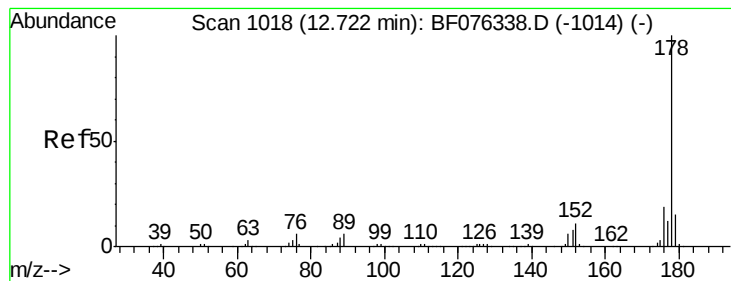
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	10.0	50.0
215	41.9	21.4	61.4



#69
Pentachlorophenol
Concen: 67.57 ng
RT: 12.05 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	50.7	76.1
264	63.3	48.7	73.1





#70

Phenanthrene

Concen: 34.61 ng

RT: 12.30 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

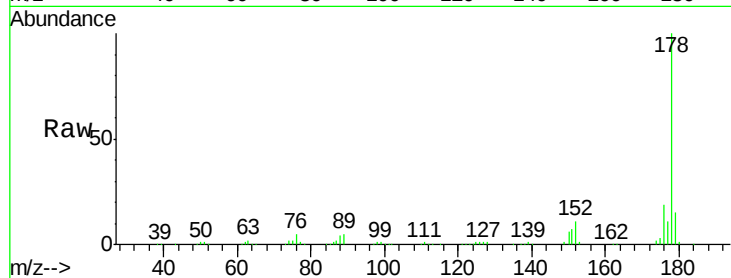
Tot Ion:178 Resp: 402504

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

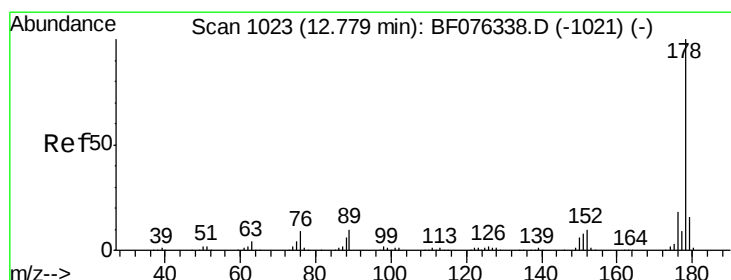
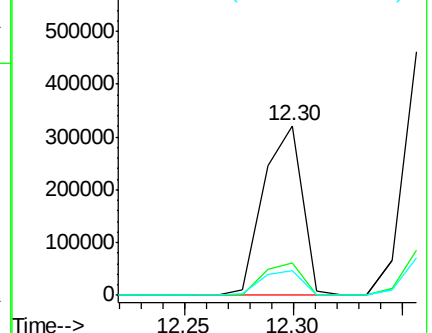
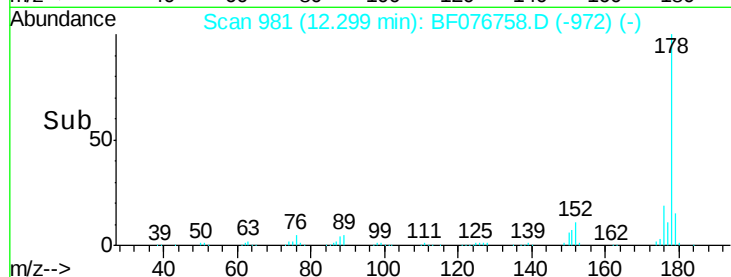
179 14.6 12.2 18.4



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: 36.57 ng

RT: 12.36 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

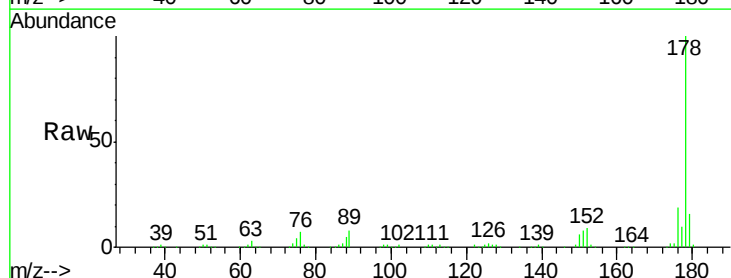
Tgt Ion:178 Resp: 417168

Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

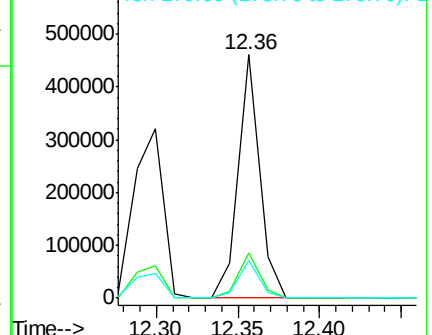
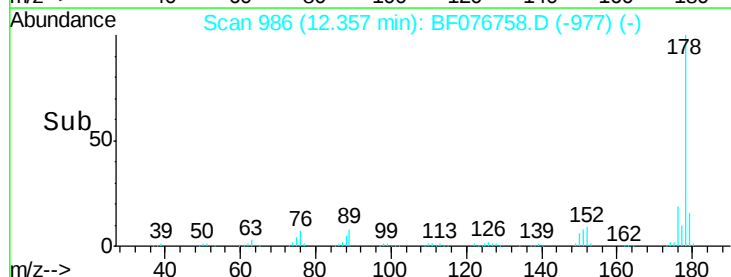
179 15.5 12.7 19.1

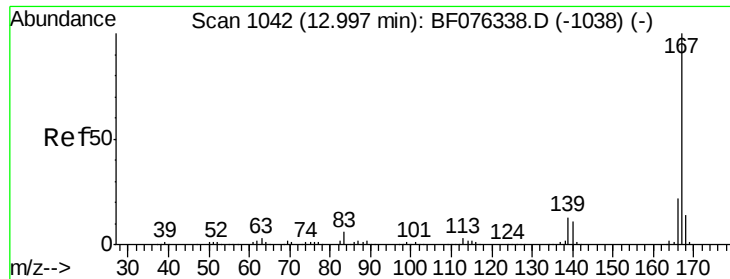


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

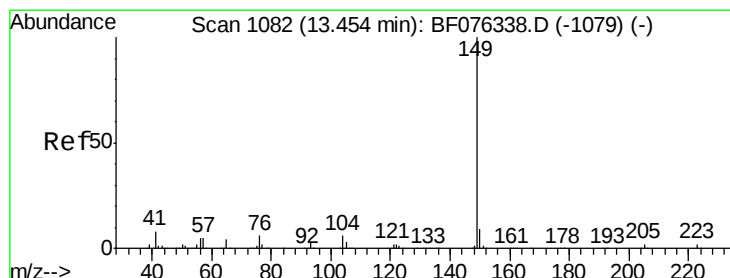
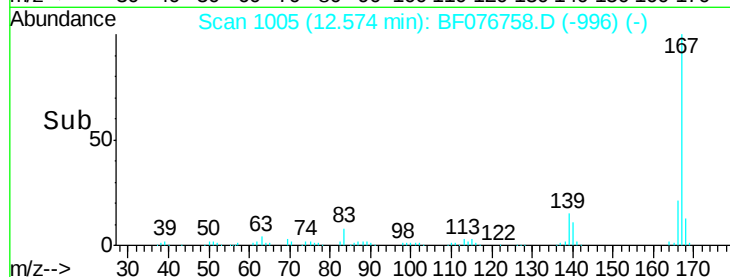
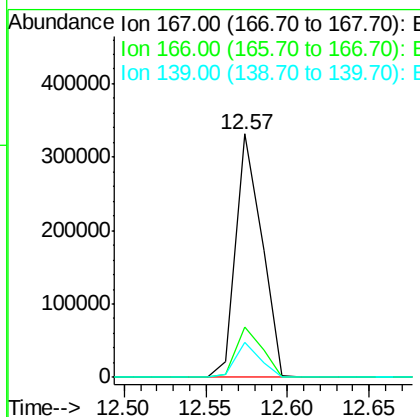
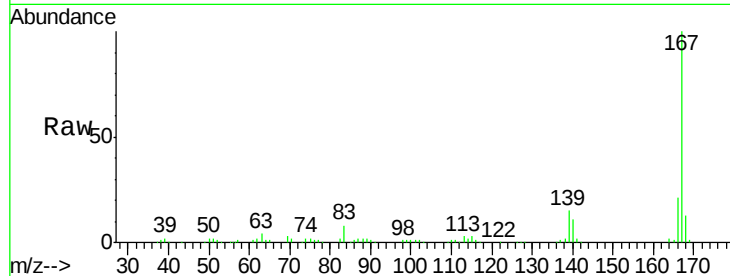




#72
 Carbazole
 Concen: 32.86 ng
 RT: 12.57 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

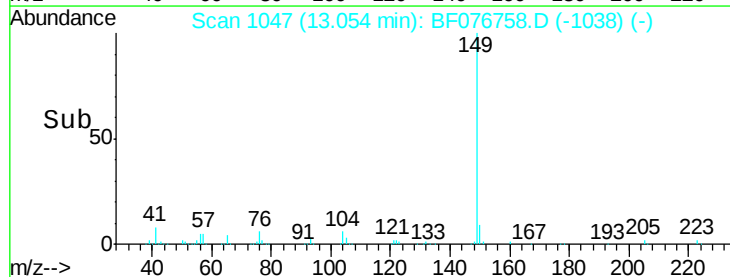
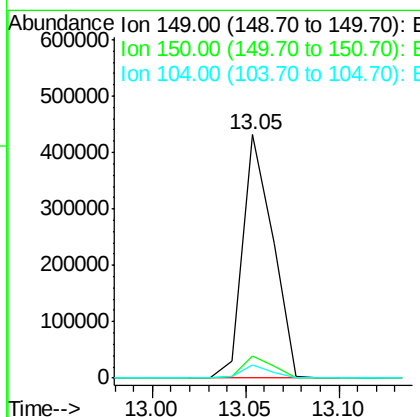
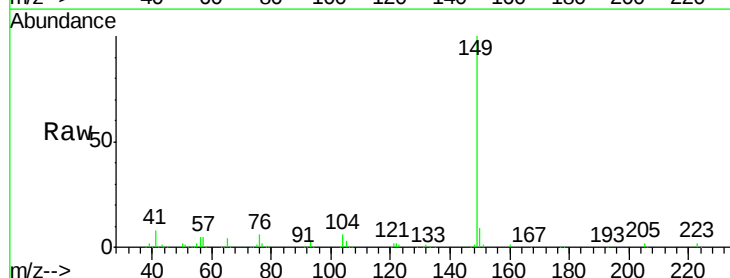
Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

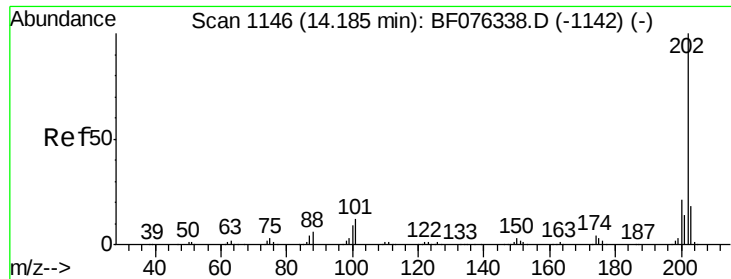
Tot Ion:167 Resp: 363602
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.4 26.2
 139 14.6 10.6 16.0



#73
 Di-n-butylphthalate
 Concen: 35.50 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:149 Resp: 482480
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.5 4.5 6.7

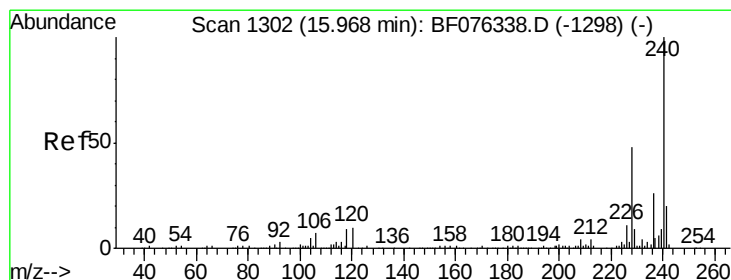
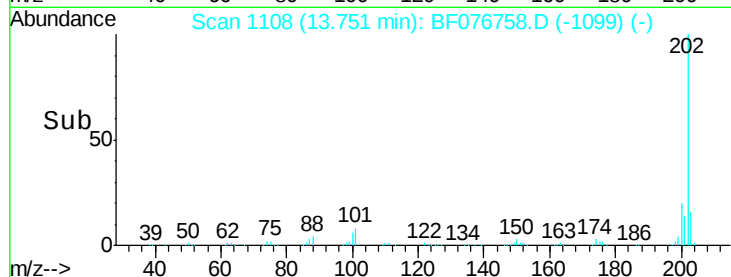
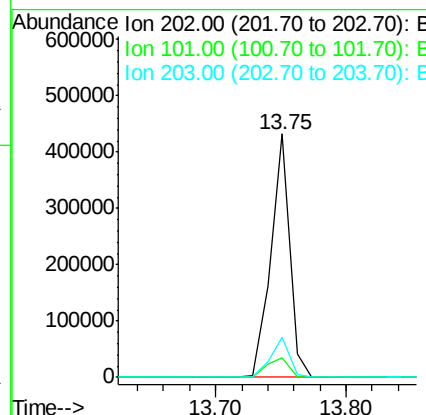
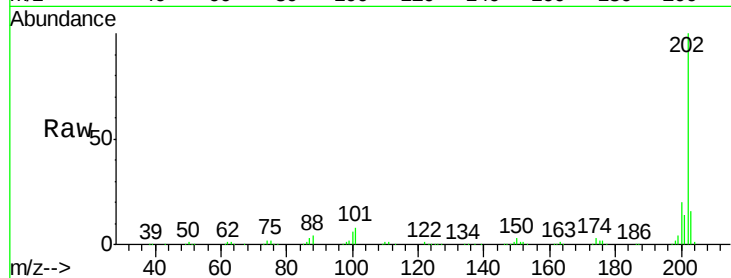




#74
 Fluoranthene
 Concen: 37.01 ng
 RT: 13.75 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

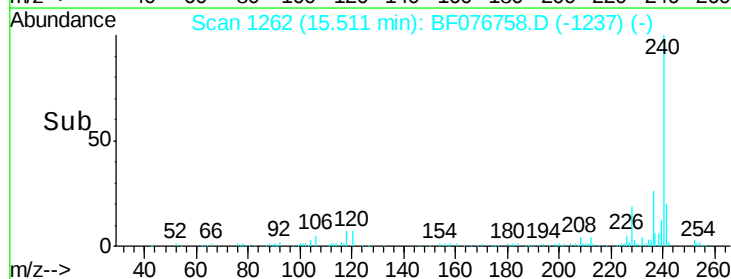
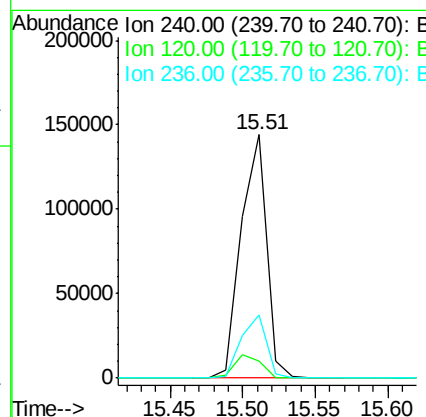
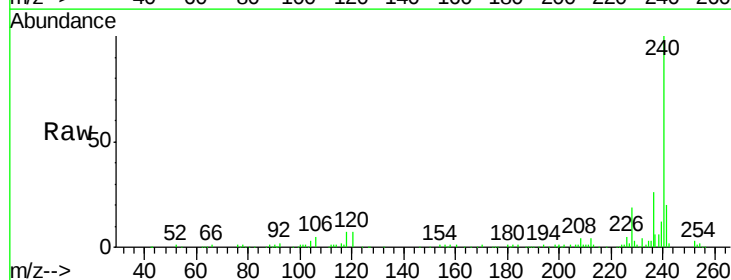
Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

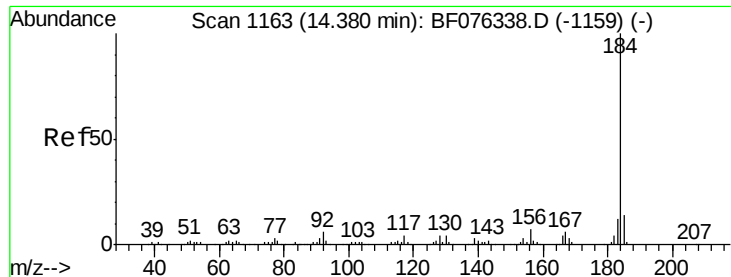
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	32.3
203	16.4	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.0	12.0#
236	25.8	20.6	30.8

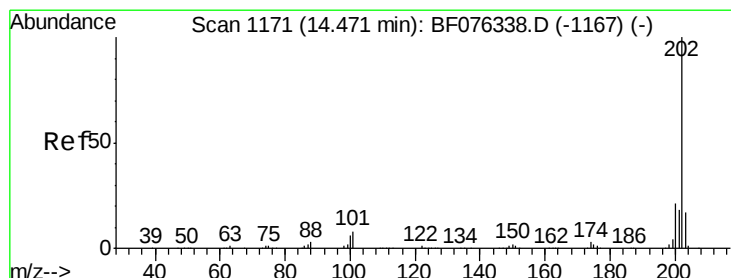
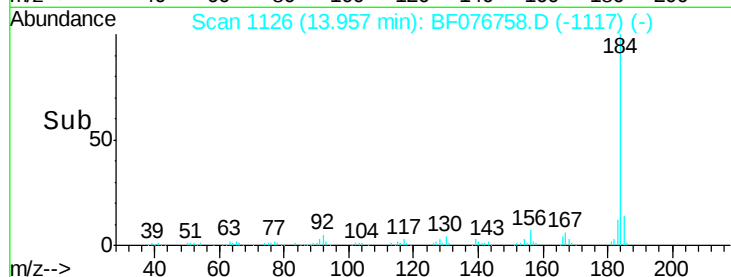
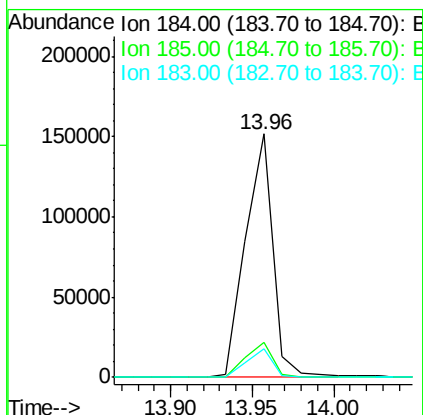
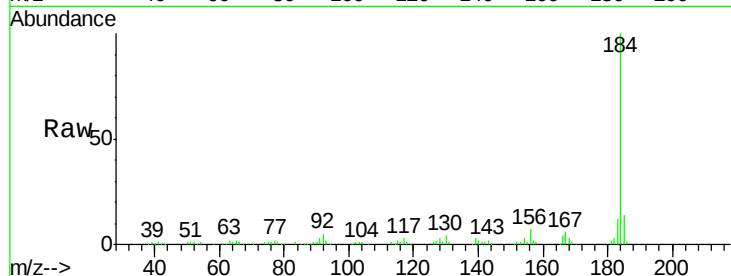




#76
Benzidine
Concen: 24.05 ng
RT: 13.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

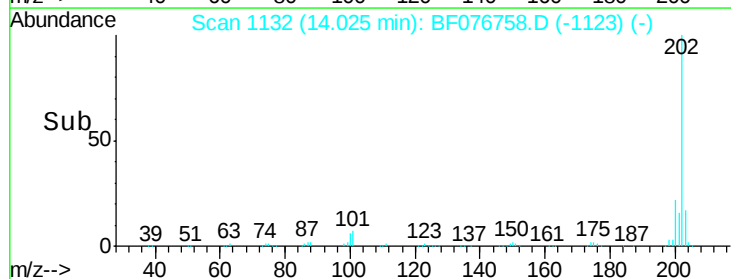
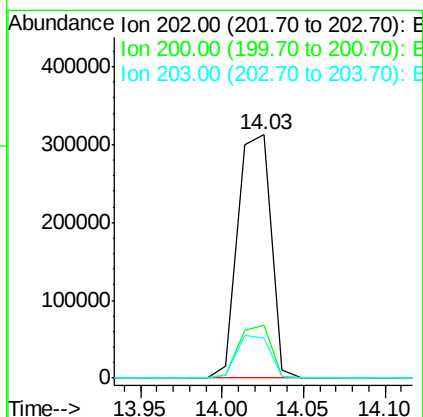
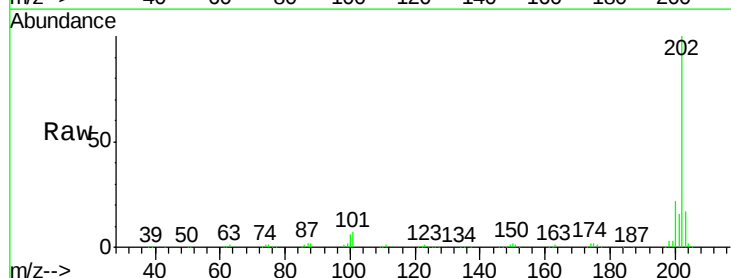
Instrument :
BNA_F
ClientSampleId :
PB81207BS

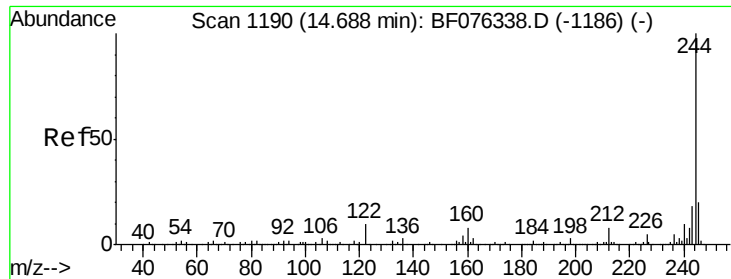
Tot Ion:184 Resp: 176265
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.6 9.3 13.9



#77
Pyrene
Concen: 35.62 ng
RT: 14.03 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:202 Resp: 438140
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 16.6 13.5 20.3

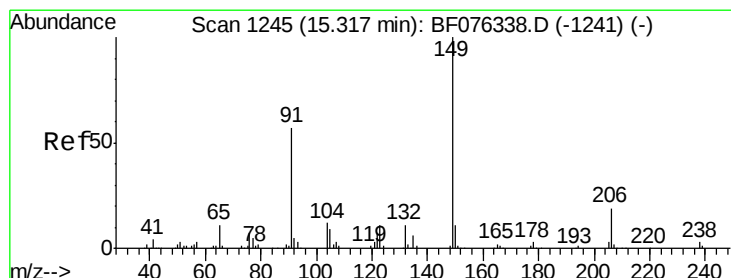
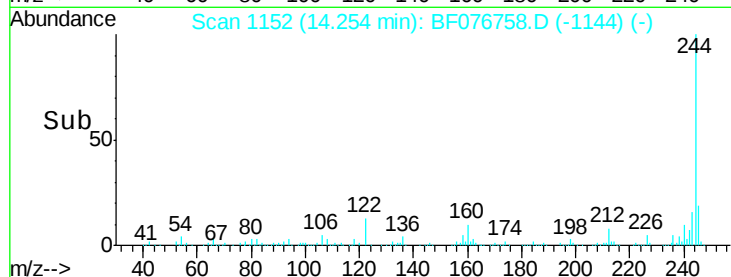
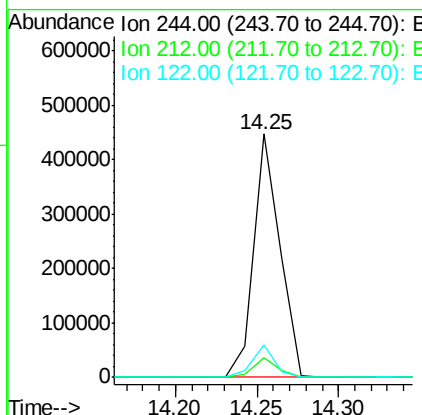
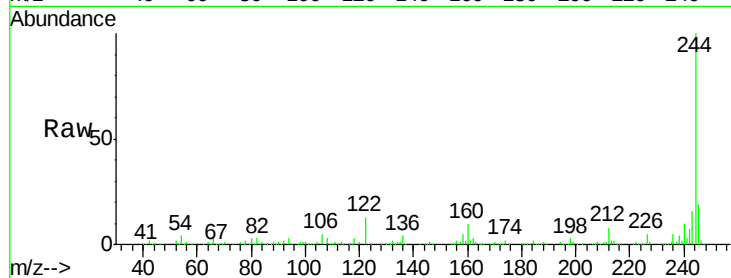




#78
 Terphenyl-d14
 Concen: 62.33 ng
 RT: 14.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

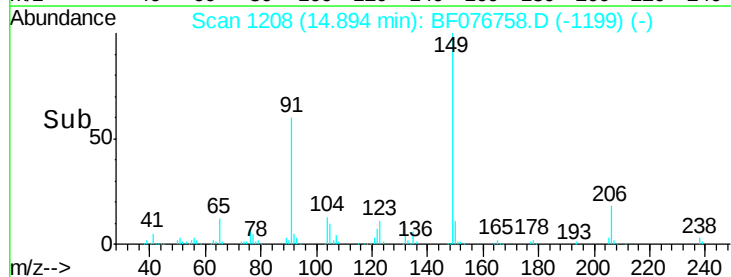
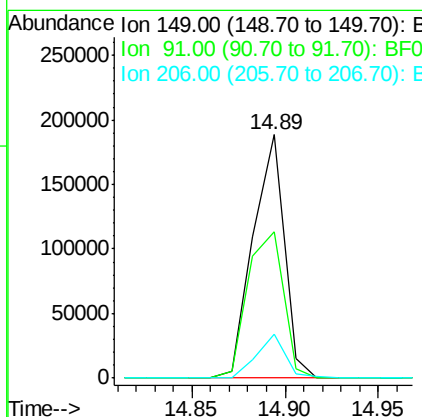
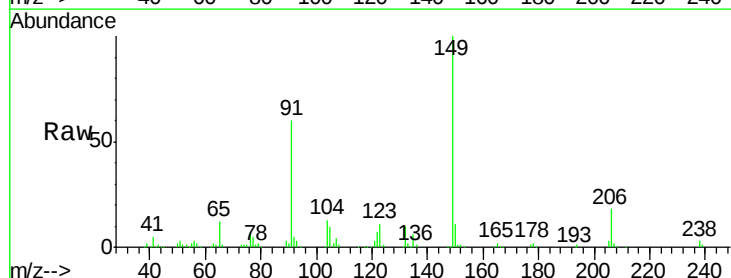
Instrument :
 BNA_F
 ClientSampleId :
 PB81207BS

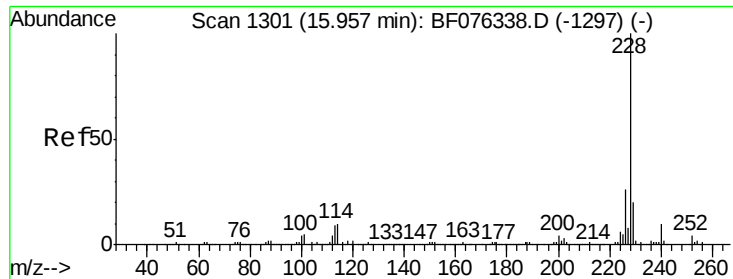
Tot Ion:244 Resp: 496836
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.4 8.2 12.2#



#79
 Butylbenzylphthalate
 Concen: 37.24 ng
 RT: 14.89 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF076758.D
 Acq: 6 Jan 2015 15:00

Tgt Ion:149 Resp: 219007
 Ion Ratio Lower Upper
 149 100
 91 59.9 45.9 68.9
 206 17.9 15.1 22.7

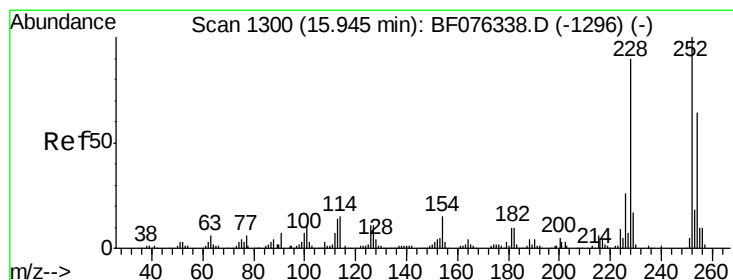
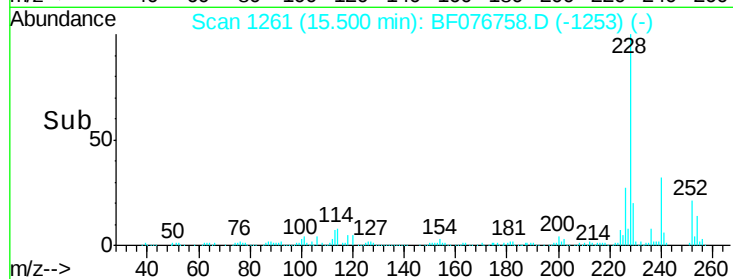
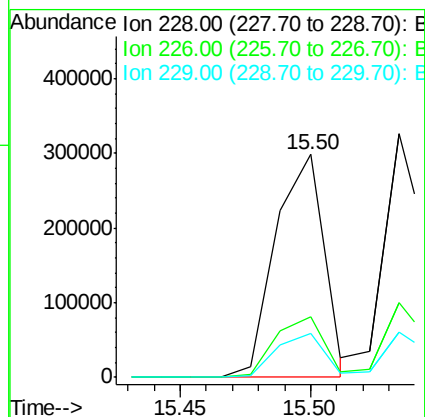
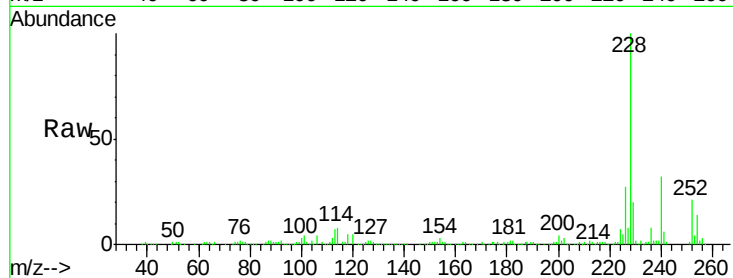




#80
Benzo(a)anthracene
Concen: 35.33 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

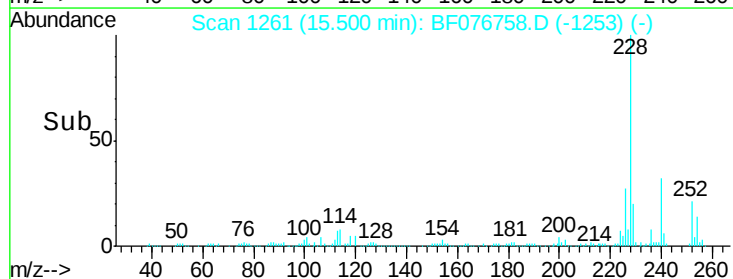
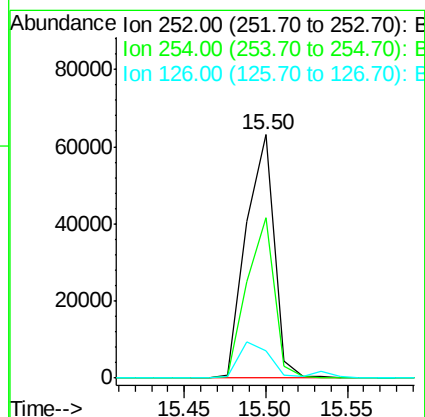
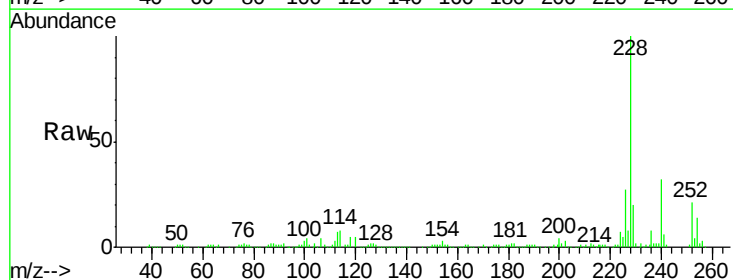
Instrument :
BNA_F
ClientSampleId :
PB81207BS

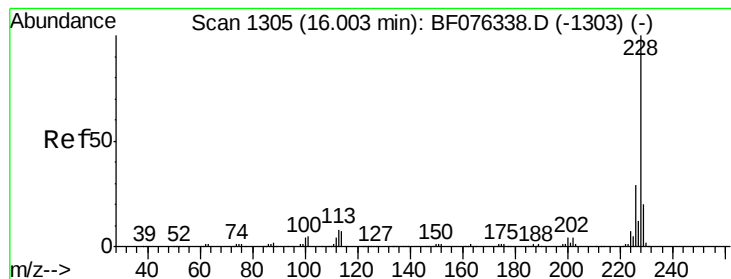
Tot Ion:228 Resp: 386843
Ion Ratio Lower Upper
228 100
226 27.3 20.9 31.3
229 19.7 15.8 23.8



#81
3,3'-Dichlorobenzidine
Concen: 20.55 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:252 Resp: 75228
Ion Ratio Lower Upper
252 100
254 65.7 50.9 76.3
126 11.1 8.4 12.6





#82

Chrysene

Concen: 36.55 ng

RT: 15.53 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

Instrument :

BNA_F

ClientSampleId :

PB81207BS

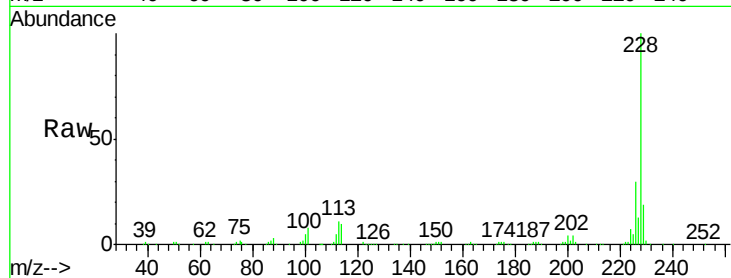
Tot Ion:228 Resp: 366257

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

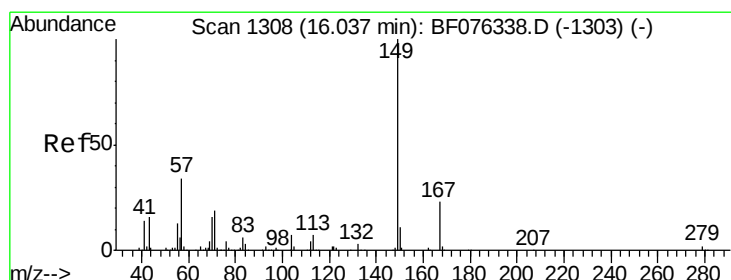
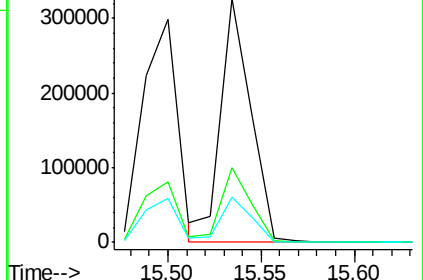
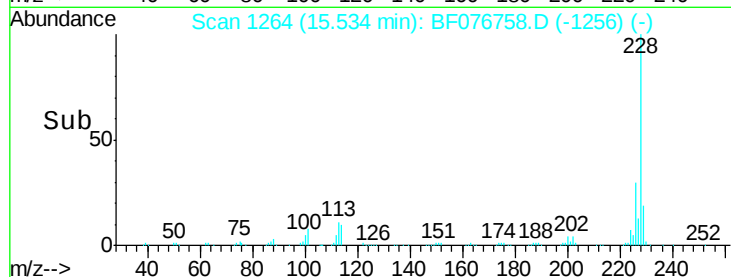
229 18.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.40 ng

RT: 15.61 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF076758.D

Acq: 6 Jan 2015 15:00

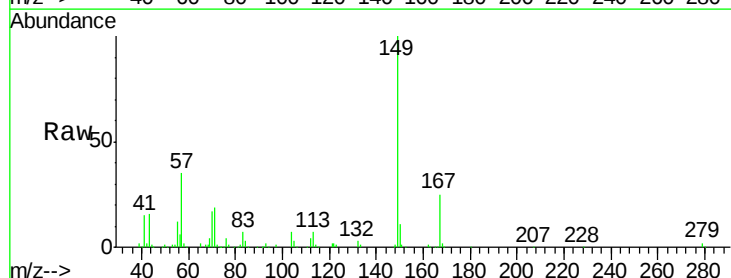
Tgt Ion:149 Resp: 297181

Ion Ratio Lower Upper

149 100

167 24.8 18.7 28.1

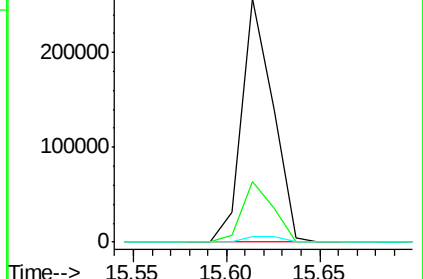
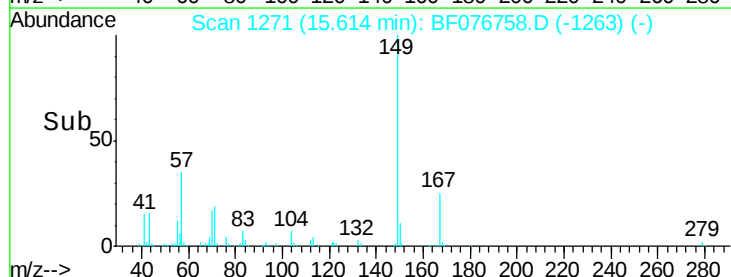
279 2.0 1.5 2.3

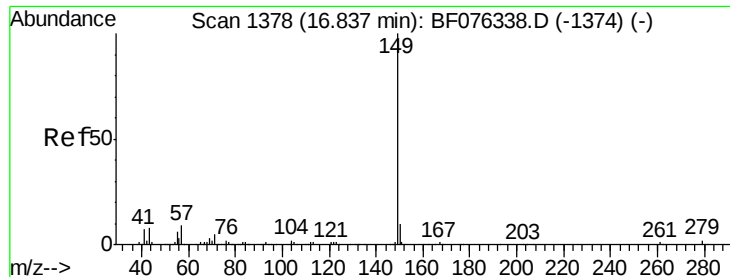


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

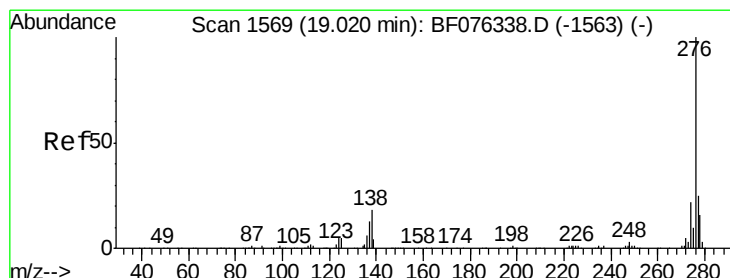
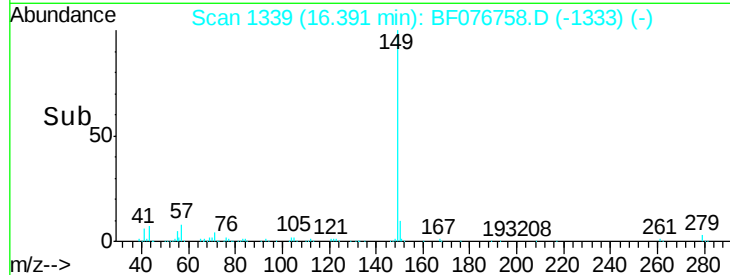
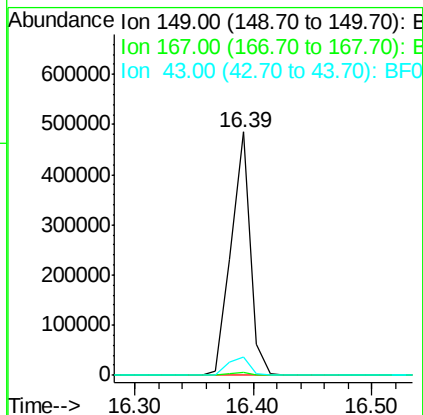
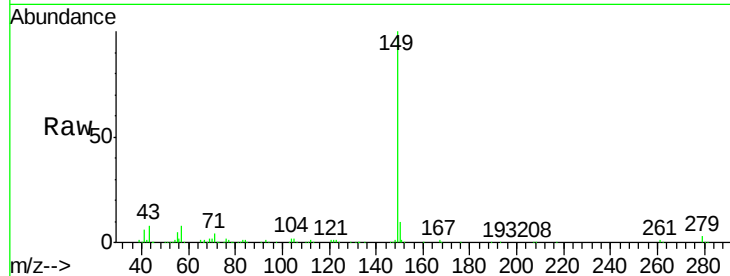




#84
Di-n-octyl phthalate
Concen: 35.78 ng
RT: 16.39 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

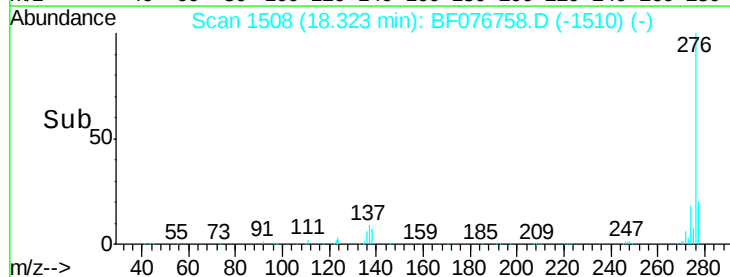
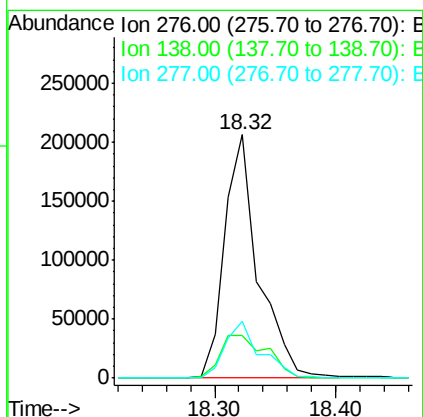
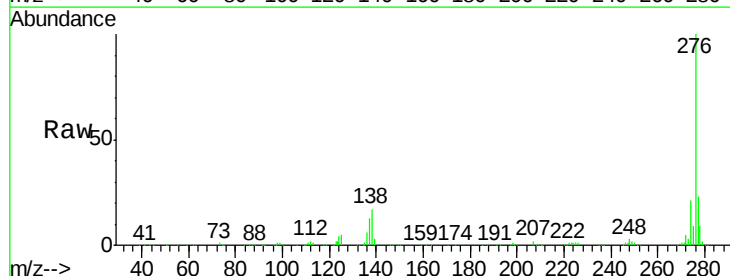
Instrument :
BNA_F
ClientSampleId :
PB81207BS

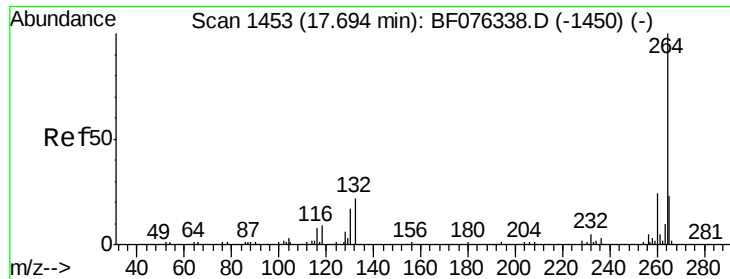
Tot Ion:149 Resp: 543540
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 8.5 7.1 10.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 36.64 ng m
RT: 18.32 min Scan# 1508
Delta R.T. -0.13 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:276 Resp: 402886
Ion Ratio Lower Upper
276 100
138 0.0 19.1 28.7#
277 0.0 18.7 28.1#

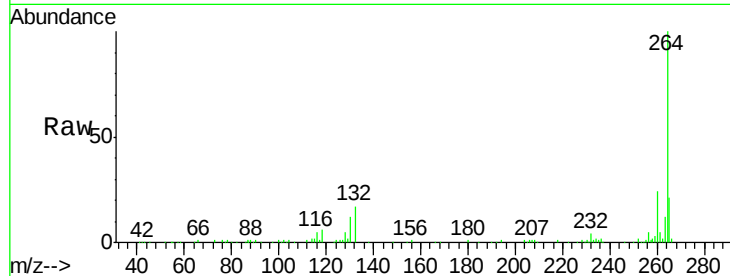




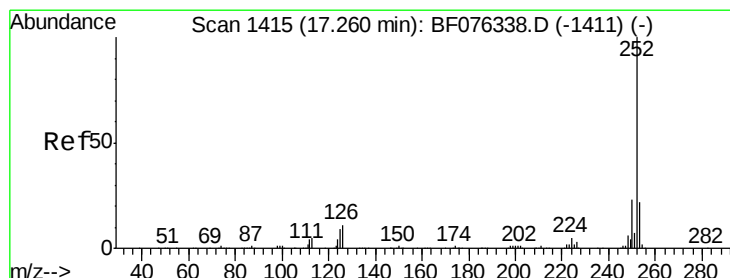
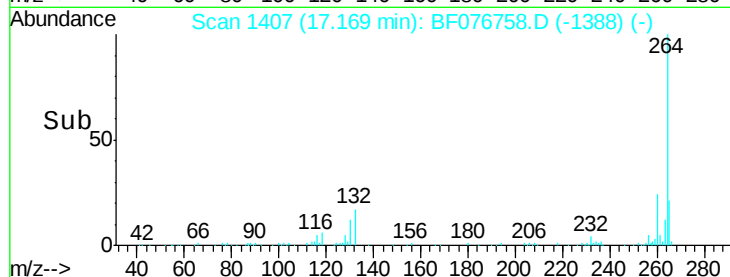
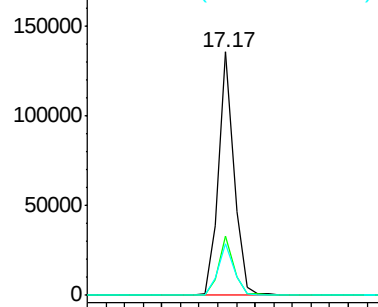
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.17 min Scan# 1407
Delta R.T. -0.08 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

Tot Ion:264 Resp: 157299
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 20.9 18.1 27.1

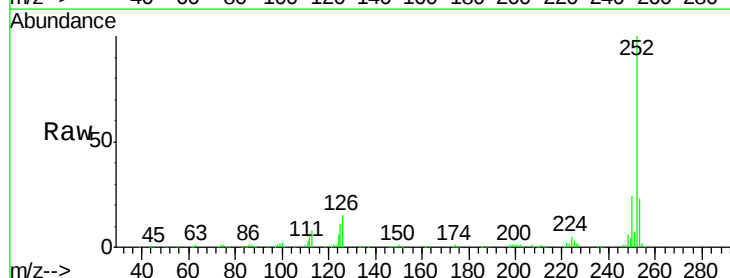


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

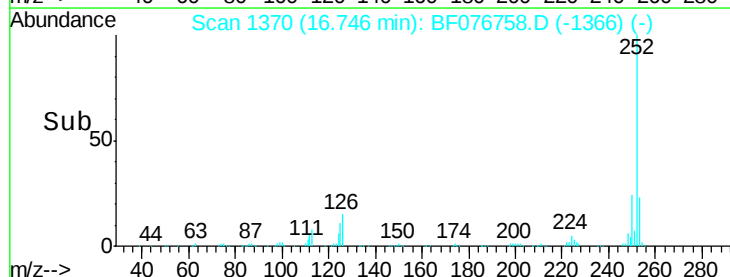
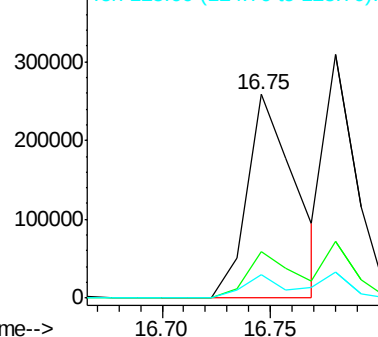


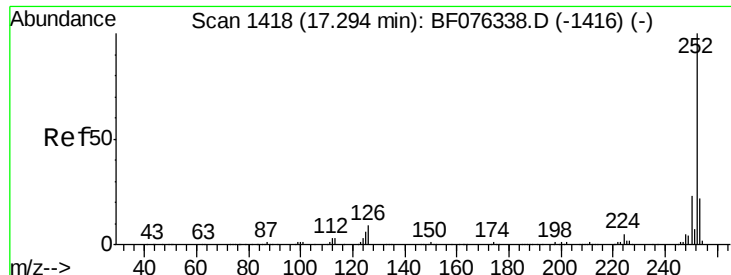
#87
Benzo(b)fluoranthene
Concen: 38.40 ng
RT: 16.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:252 Resp: 398513
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.3 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

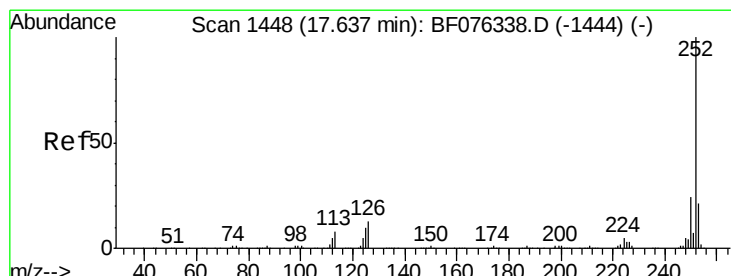
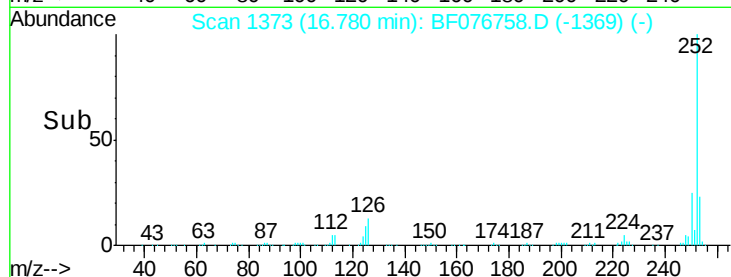
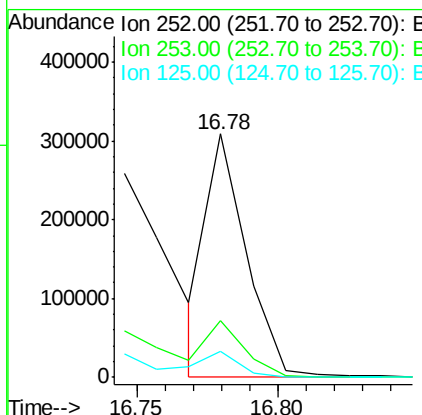
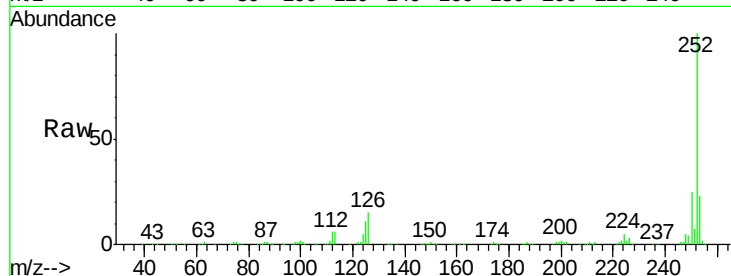




#88
Benzo(k)fluoranthene
Concen: 31.11 ng m
RT: 16.78 min Scan# 1373
Delta R.T. -0.06 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

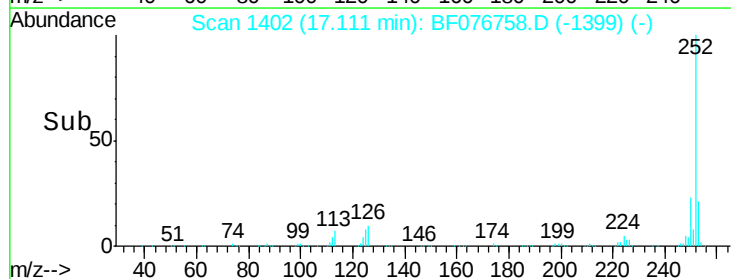
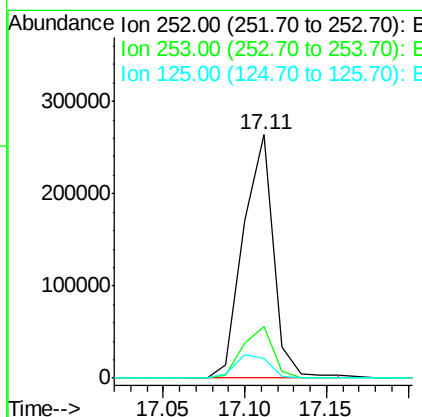
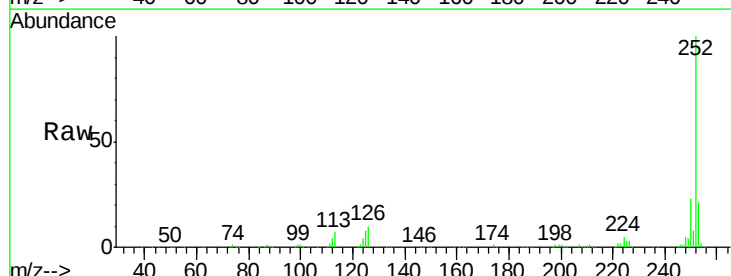
Instrument :
BNA_F
ClientSampleId :
PB81207BS

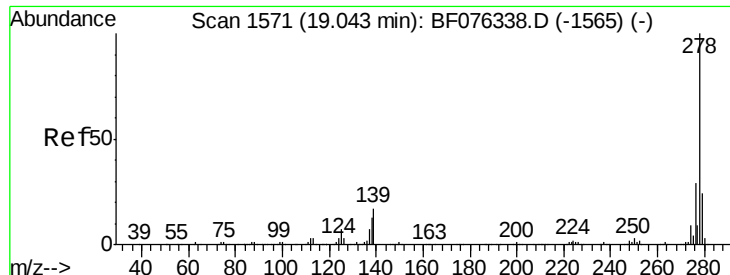
Tot Ion:252 Resp: 300687
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 10.8 5.4 8.2#



#89
Benzo(a)pyrene
Concen: 36.54 ng
RT: 17.11 min Scan# 1402
Delta R.T. -0.07 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:252 Resp: 338355
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.4
125 7.8 8.2 12.2#



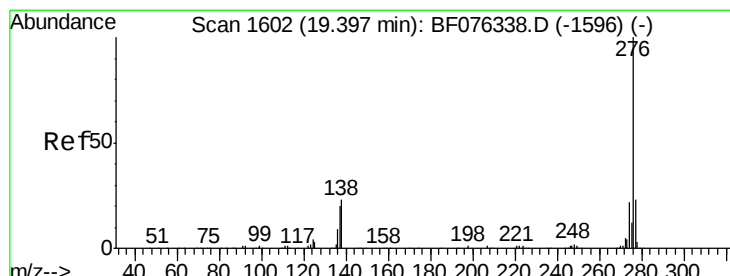
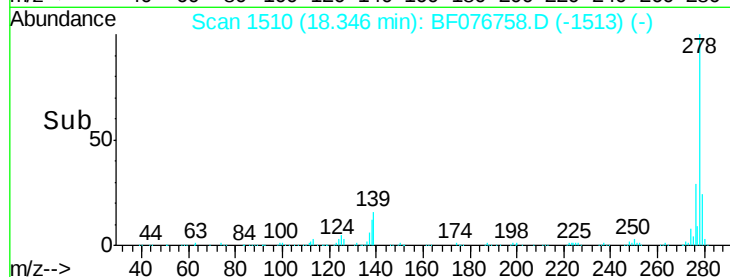
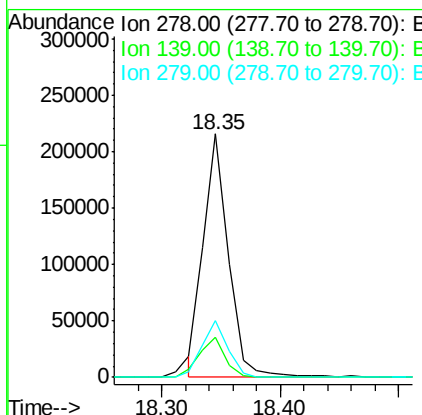
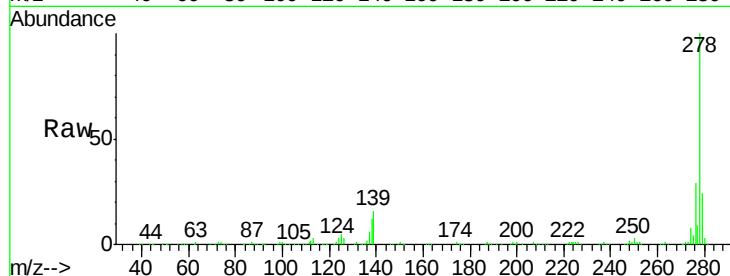


#90
Dibenzo(a,h)anthracene
Concen: 33.94 ng
RT: 18.35 min Scan# 1510
Delta R.T. -0.14 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB81207BS

Tot Ion:278 Resp: 311489

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.8	20.8
279	23.5	19.0	28.6



#91
Benzo(g,h,i)perylene
Concen: 37.30 ng m
RT: 18.63 min Scan# 1535
Delta R.T. -0.14 min
Lab File: BF076758.D
Acq: 6 Jan 2015 15:00

Tgt Ion:276 Resp: 333109

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	21.6	18.2	27.4

