

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
 Data File : BF076712.D
 Acq On : 31 Dec 2014 20:18
 Operator : IZ / TP
 Sample : PB81154BS
 Misc : W
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

Quant Time: Jan 01 06:56:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 31 23:59:08 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	34790	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	149500	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	85441	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	141035	20.00	ng	-0.01
75) Chrysene-d12	15.49	240	130859	20.00	ng	-0.01
86) Perylene-d12	17.15	264	123972	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	296409	144.44	ng	0.00
7) Phenol-d6	6.32	99	368488	147.02	ng	0.00
23) Nitrobenzene-d5	7.43	82	236182	93.95	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	102391	141.79	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	460203	83.82	ng	-0.01
78) Terphenyl-d14	14.24	244	486942	82.08	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.41	88	33570	38.27	ng	# 100
3) Pyridine	1.92	79	96606	43.75	ng	89
4) n-Nitrosodimethylamine	1.88	42	41726	39.06	ng	88
6) Aniline	6.30	93	73059	20.41	ng	# 81
8) 2-Chlorophenol	6.45	128	102574	43.65	ng	93
10) Phenol	6.33	94	126229	41.50	ng	85
11) bis(2-Chloroethyl)ether	6.42	93	99531	45.46	ng	99
12) 1,3-Dichlorobenzene	6.63	146	114937	42.13	ng	# 93
13) 1,4-Dichlorobenzene	6.74	146	115133	41.67	ng	99
14) 1,2-Dichlorobenzene	6.93	146	108234	41.30	ng	96
15) Benzyl Alcohol	6.93	79	95816	44.15	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	138048	43.52	ng	97
17) 2-Methylphenol	7.10	107	84356	43.68	ng	98
18) Hexachloroethane	7.34	117	45899	46.48	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	78832	43.07	ng	99
20) 3+4-Methylphenols	7.29	107	111333	42.69	ng	96
22) Acetophenone	7.25	105	165549	46.20	ng	# 98
24) Nitrobenzene	7.45	77	121569	46.64	ng	94
25) Isophorone	7.76	82	222471	45.92	ng	97
26) 2-Nitrophenol	7.84	139	50611	39.76	ng	# 64
27) 2,4-Dimethylphenol	7.94	122	94170	45.71	ng	92
28) bis(2-Chloroethoxy)methane	8.06	93	138794	48.80	ng	97
29) 2,4-Dichlorophenol	8.15	162	89031	43.97	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	93093	42.64	ng	97
31) Naphthalene	8.32	128	318192	42.96	ng	99
32) Benzoic acid	8.08	122	52156	42.67	ng	89
33) 4-Chloroaniline	8.42	127	61891	20.47	ng	96
34) Hexachlorobutadiene	8.49	225	56472	44.50	ng	94
35) Caprolactam	8.85	113	27646	47.35	ng	# 85
36) 4-Chloro-3-methylphenol	9.05	107	99477	44.14	ng	95
37) 2-Methylnaphthalene	9.18	142	215085	41.62	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	91965	43.76	ng	# 76
40) Hexachlorocyclopentadiene	9.37	237	94339	77.74	ng	95
42) 2,4,6-Trichlorophenol	9.54	196	60508	39.68	ng	98

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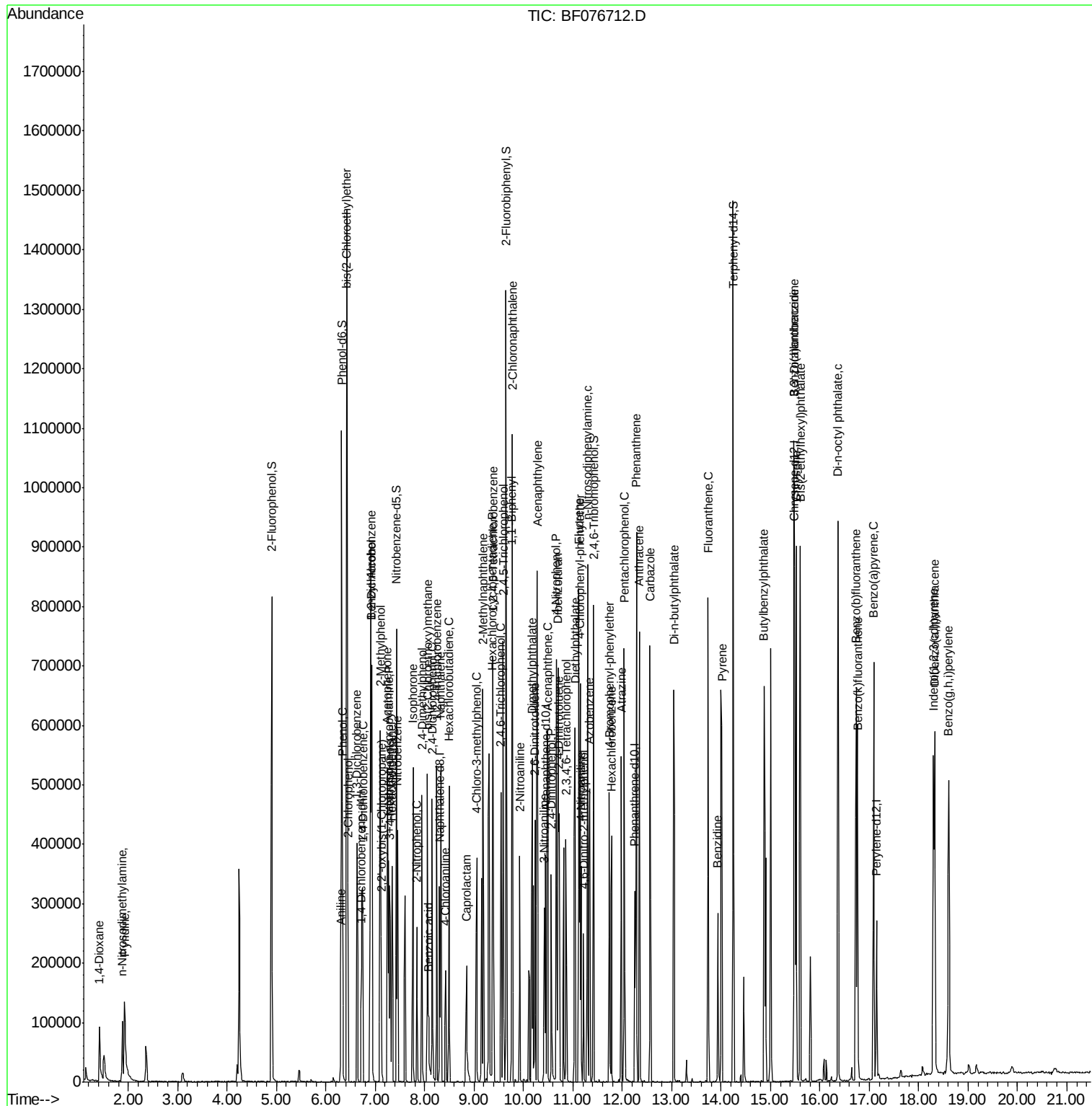
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.59	196	62902	38.34	nq	# 90
45) 1,1'-Biphenyl	9.76	154	273777	43.13	nq	97
46) 2-Chloronaphthalene	9.77	162	214452	42.60	nq	99
47) 2-Nitroaniline	9.92	65	70081	45.76	nq	# 75
48) Acenaphthylene	10.28	152	361462	42.21	nq	99
49) Dimethylphthalate	10.17	163	273569	45.26	nq	99
50) 2,6-Dinitrotoluene	10.23	165	52058	42.04	nq	# 46
51) Acenaphthene	10.49	154	197949	40.86	nq	99
52) 3-Nitroaniline	10.42	138	41894	29.80	nq	99
53) 2,4-Dinitrophenol	10.56	184	39950	62.14	nq	# 67
54) Dibenzofuran	10.70	168	293400	41.87	nq	95
55) 4-Nitrophenol	10.66	139	88589m	82.17	nq	
56) 2,4-Dinitrotoluene	10.72	165	80741	48.92	nq	88
57) Fluorene	11.12	166	255755	43.45	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.86	232	53960	44.23	nq	# 100
59) Diethylphthalate	11.04	149	283178	45.87	nq	97
60) 4-Chlorophenyl-phenylether	11.15	204	113693	44.63	nq	# 87
61) 4-Nitroaniline	11.17	138	59868	40.51	nq	93
62) Azobenzene	11.34	77	270886	44.53	nq	99
64) 4,6-Dinitro-2-methylphenol	11.21	198	32785	37.16	nq	89
65) n-Nitrosodiphenylamine	11.29	169	211511	42.69	nq	99
66) 4-Bromophenyl-phenylether	11.74	248	63755	46.41	nq	# 80
67) Hexachlorobenzene	11.79	284	71303	44.47	nq	# 90
68) Atrazine	11.98	200	73881	49.91	nq	95
69) Pentachlorophenol	12.04	266	77477	98.71	nq	100
70) Phenanthrene	12.29	178	368311	43.28	nq	99
71) Anthracene	12.35	178	387394	46.40	nq	98
72) Carbazole	12.56	167	341329	42.15	nq	99
73) Di-n-butylphthalate	13.04	149	470266	47.28	nq	99
74) Fluoranthene	13.74	202	382215	43.99	nq	98
76) Benzidine	13.93	184	137684	25.25	nq	98
77) Pyrene	14.01	202	409938	44.78	nq	99
79) Butylbenzylphthalate	14.87	149	206185	47.11	nq	# 75
80) Benzo(a)anthracene	15.48	228	361930	44.42	nq	98
81) 3,3'-Dichlorobenzidine	15.48	252	71701	26.32	nq	# 95
82) Chrysene	15.52	228	342393	45.92	nq	97
83) Bis(2-ethylhexyl)phthalate	15.60	149	302431	45.67	nq	# 94
84) Di-n-octyl phthalate	16.37	149	539389	47.71	nq	99
85) Indeno(1,2,3-cd)pyrene	18.30	276	390674m	47.74	nq	
87) Benzo(b)fluoranthene	16.73	252	351597	42.99	nq	99
88) Benzo(k)fluoranthene	16.77	252	327396m	42.98	nq	
89) Benzo(a)pyrene	17.09	252	326721	44.77	nq	99
90) Dibenzo(a,h)anthracene	18.32	278	319846	44.22	nq	100
91) Benzo(g,h,i)perylene	18.61	276	324041	46.04	nq	98

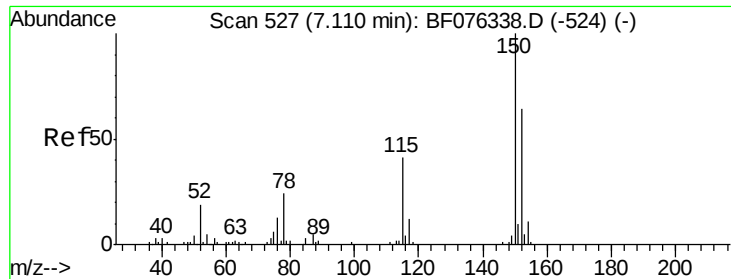
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

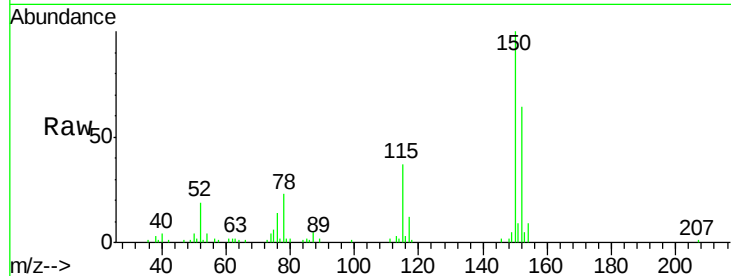
Tot Ion:152 Resp: 34790

Ion Ratio Lower Upper

152 100

150 156.7 125.2 187.8

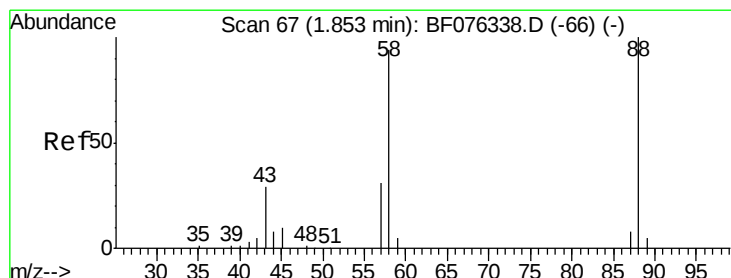
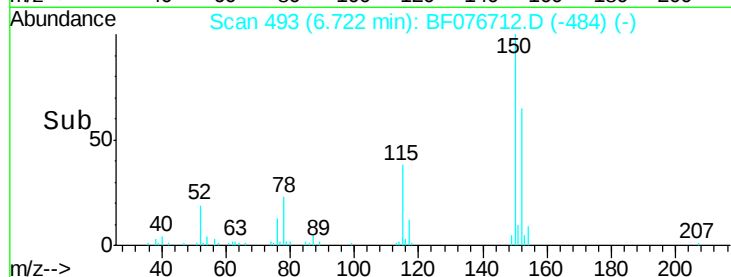
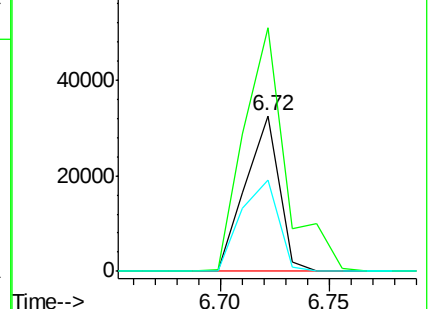
115 58.7 51.4 77.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.27 ng

RT: 1.41 min Scan# 28

Delta R.T. 0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

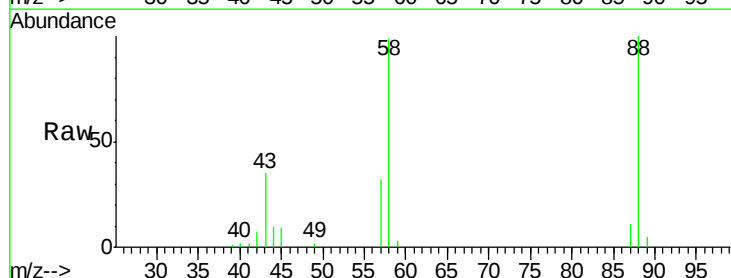
Tgt Ion: 88 Resp: 33570

Ion Ratio Lower Upper

88 100

58 157.8 0.0 0.0#

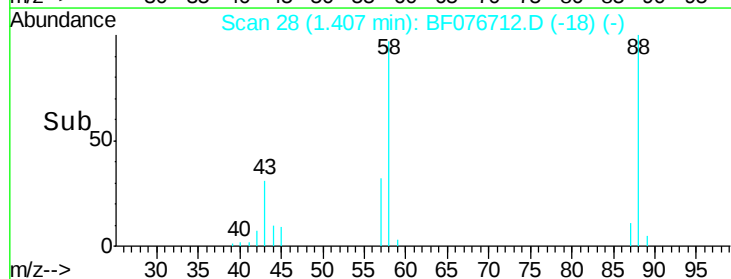
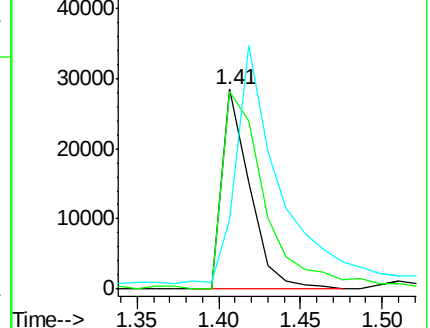
43 202.0 0.0 0.0#

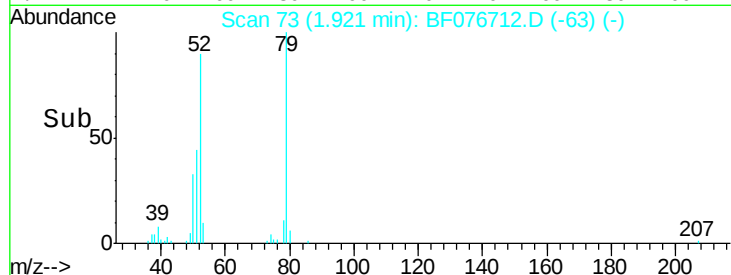
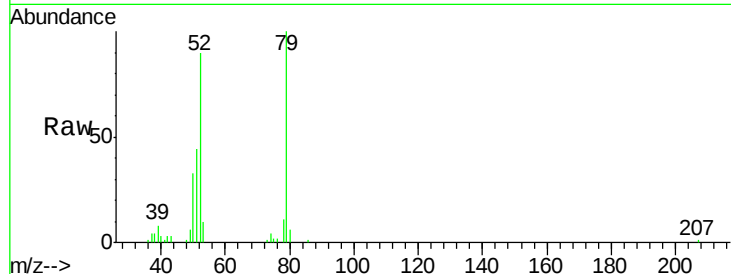
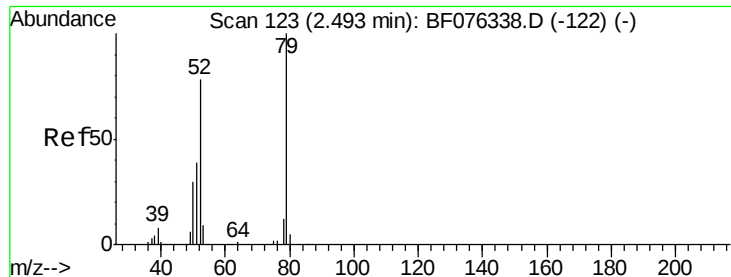


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

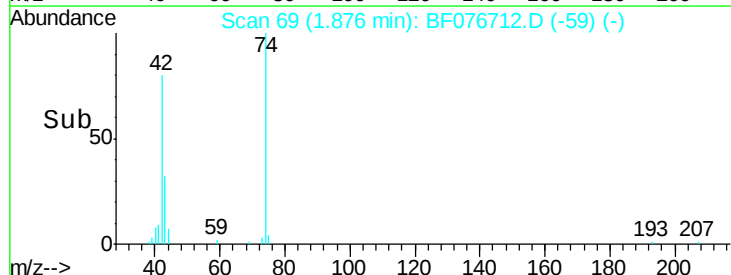
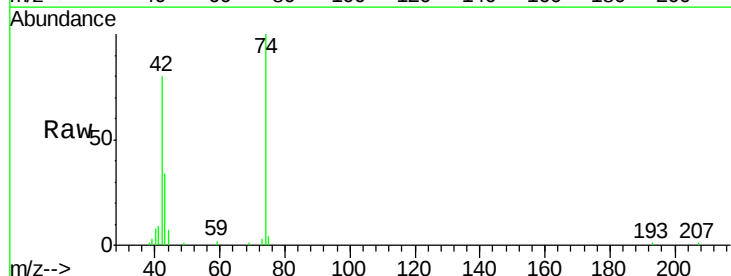
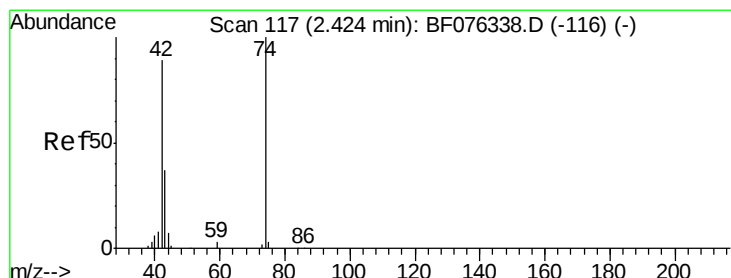
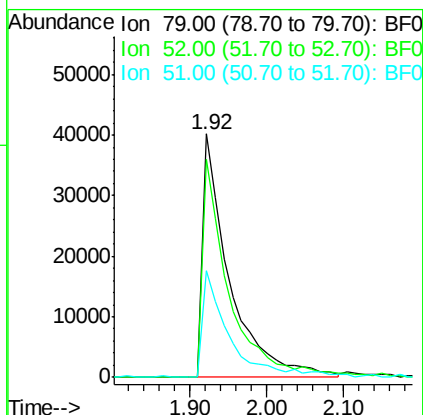




#3
 Pvridine
 Concen: 43.75 ng
 RT: 1.92 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

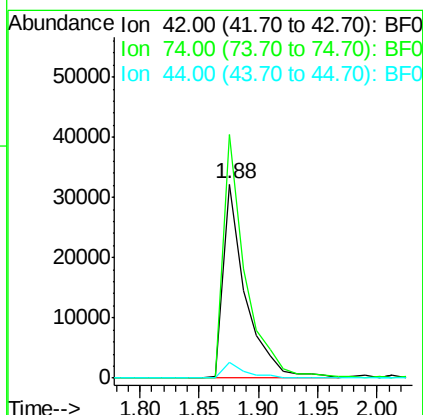
Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

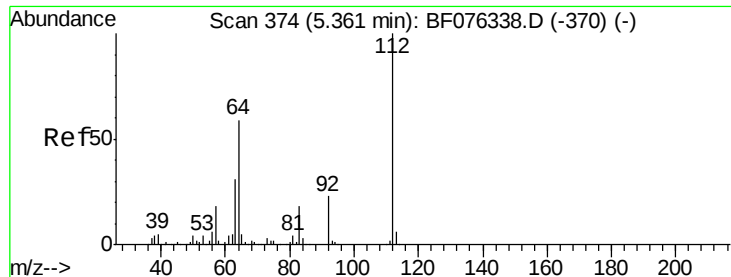
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	89.7	62.2	93.4	
51	43.8	32.1	48.1	



#4
 n-Nitrosodimethylamine
 Concen: 39.06 ng
 RT: 1.88 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	125.6	89.9	134.9	
44	8.2	6.4	9.6	





#5

2-Fluorophenol

Concen: 144.44 ng

RT: 4.90 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

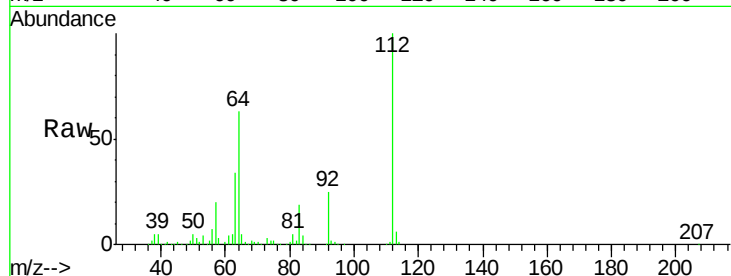
Tot Ion:112 Resp: 296409

Ion Ratio Lower Upper

112 100

64 63.0 47.4 71.0

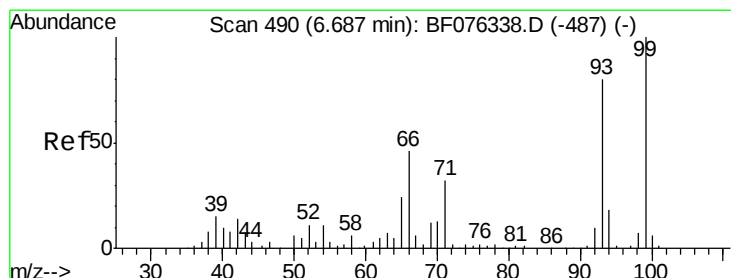
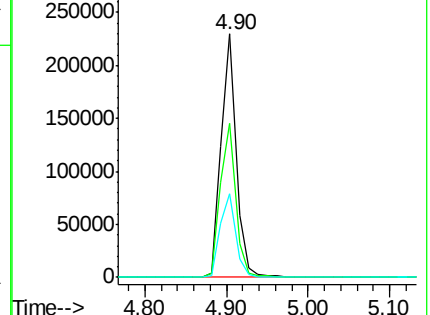
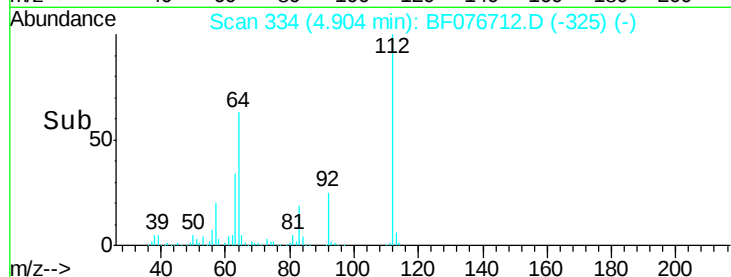
63 34.3 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.41 ng

RT: 6.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

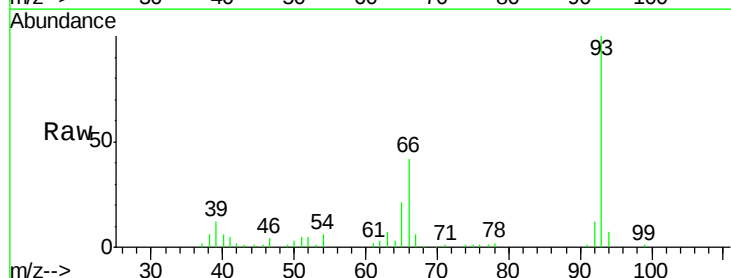
Tgt Ion: 93 Resp: 73059

Ion Ratio Lower Upper

93 100

66 42.3 45.7 68.5#

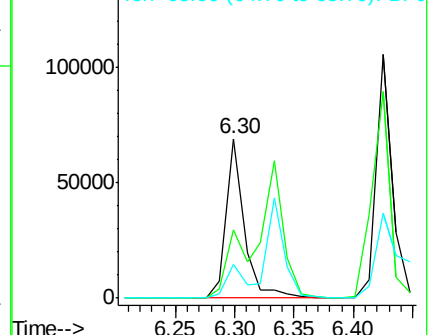
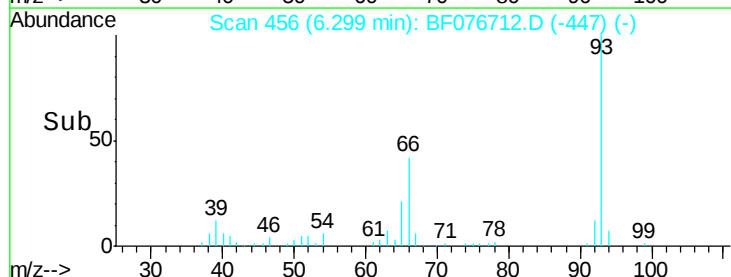
65 20.8 24.3 36.5#

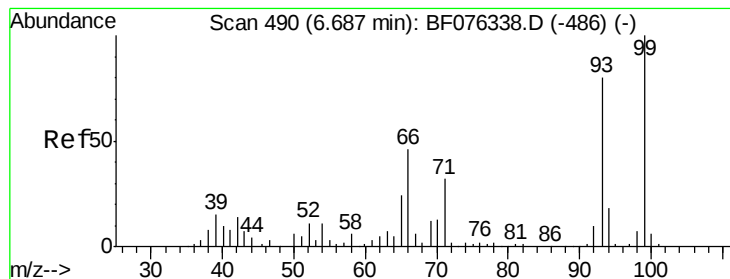


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.02 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

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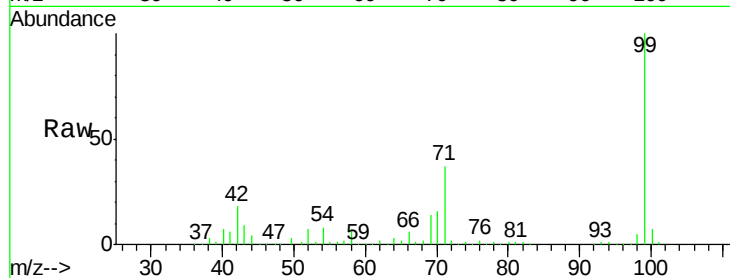
Tot Ion: 99 Resp: 368488

Ion Ratio Lower Upper

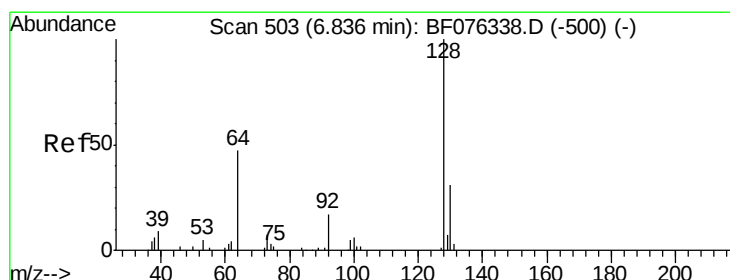
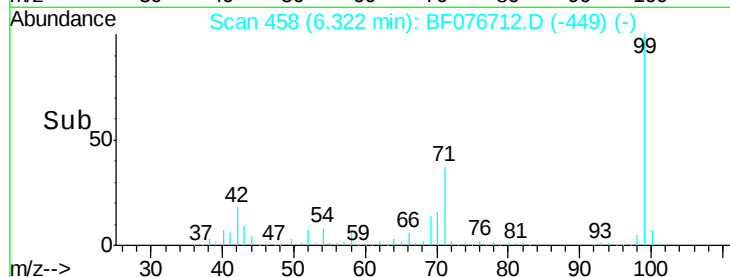
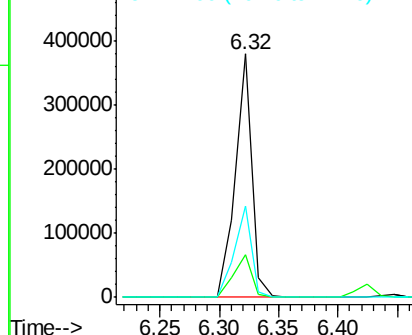
99 100

42 17.6 11.6 17.4#

71 37.4 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: 43.65 ng

RT: 6.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

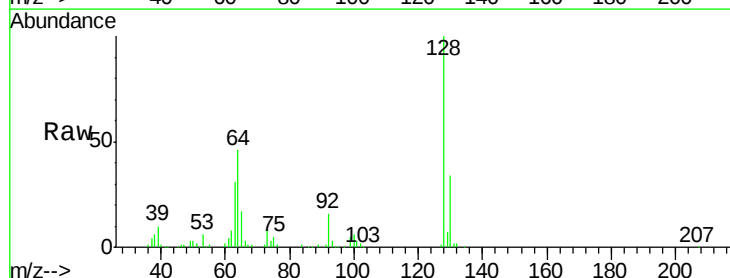
Tgt Ion:128 Resp: 102574

Ion Ratio Lower Upper

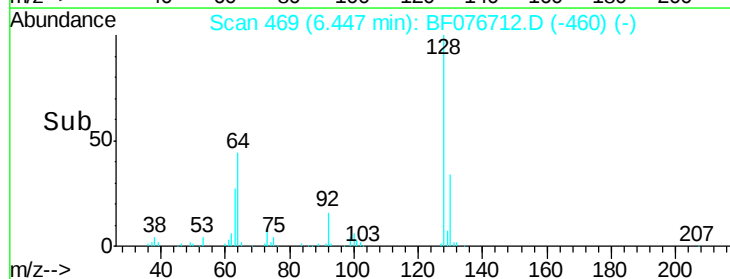
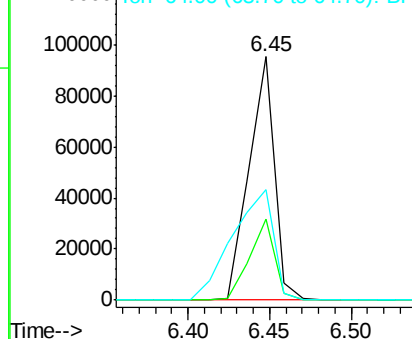
128 100

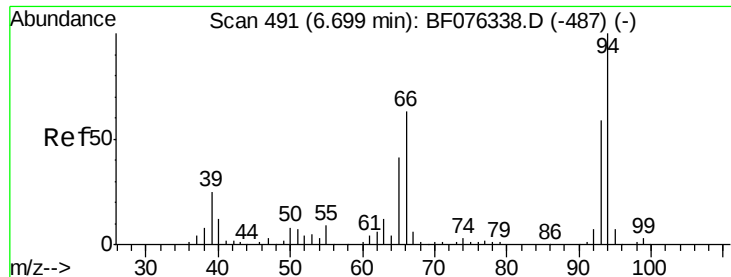
130 33.5 11.3 51.3

64 45.6 31.3 71.3



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





#10

Phenol

Concen: 41.50 ng

RT: 6.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

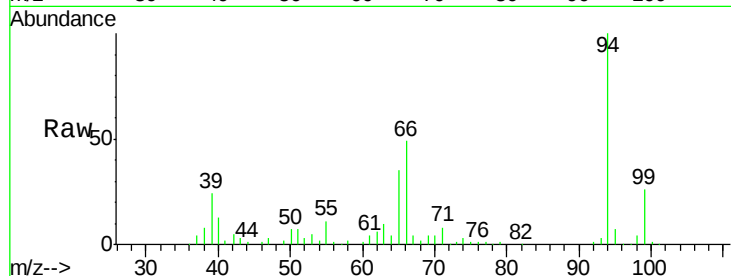
BNA_F

ClientSampleId :

PB81154BS

Tot Ion: 94 Resp: 126229

Ion	Ratio	Lower	Upper
94	100		
65	35.3	21.5	61.5
66	48.6	42.9	82.9

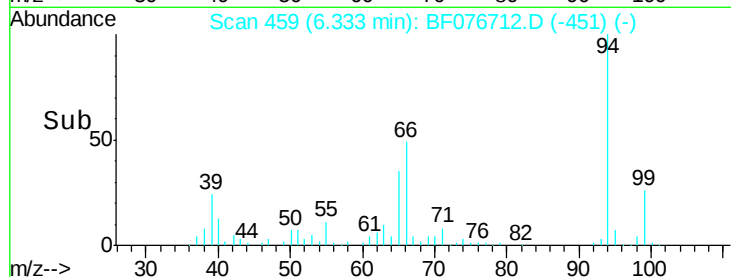


Abundance

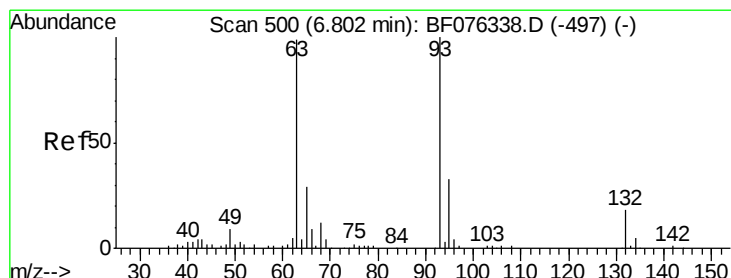
Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 45.46 ng

RT: 6.42 min Scan# 467

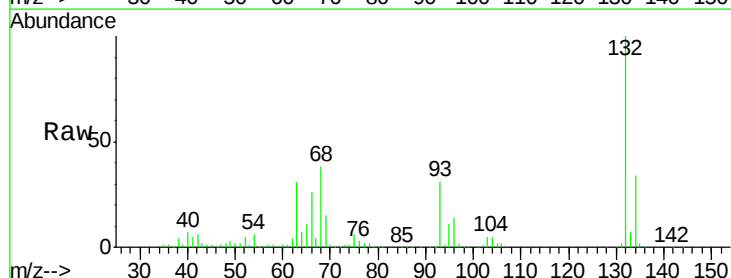
Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Tgt Ion: 93 Resp: 99531

Ion	Ratio	Lower	Upper
93	100		
63	99.7	79.1	119.1
95	34.6	12.6	52.6

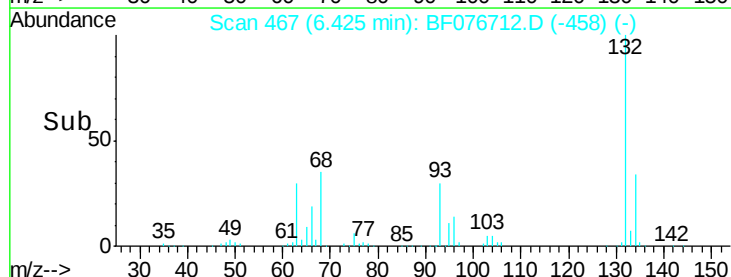


Abundance

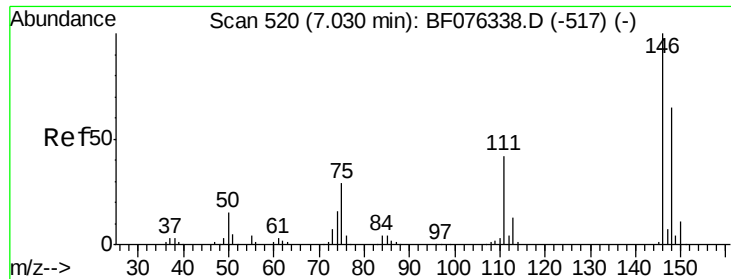
Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



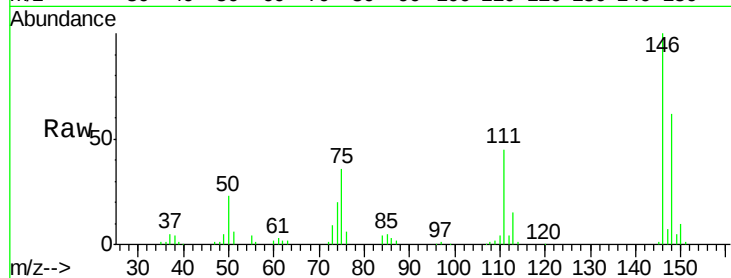
Time-->



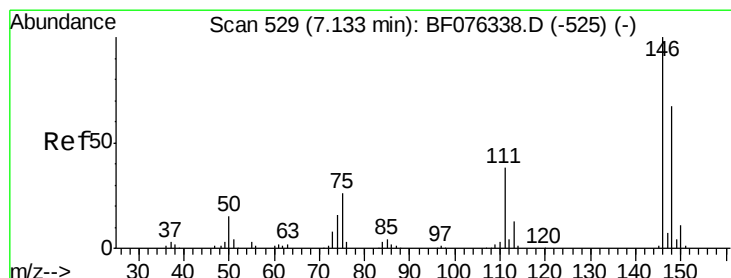
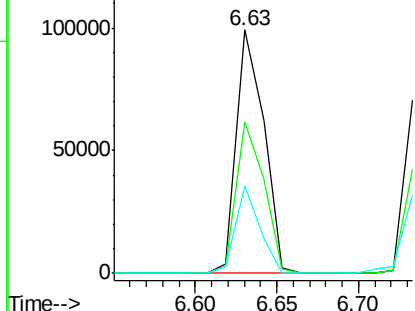
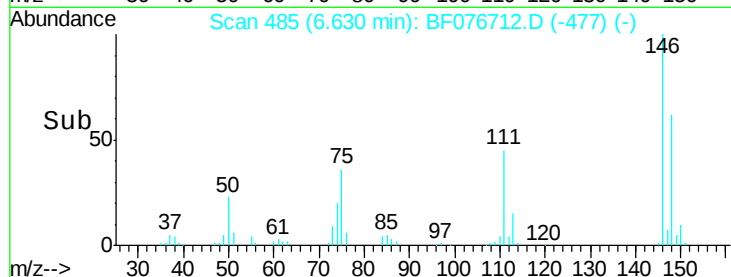
#12
 1,3-Dichlorobenzene
 Concen: 42.13 ng
 RT: 6.63 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Instrument :
 BNA_F
 ClientSampled :
 PB81154BS

Tot Ion:146 Resp: 114937
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.2 78.2
 75 35.7 23.0 34.4#

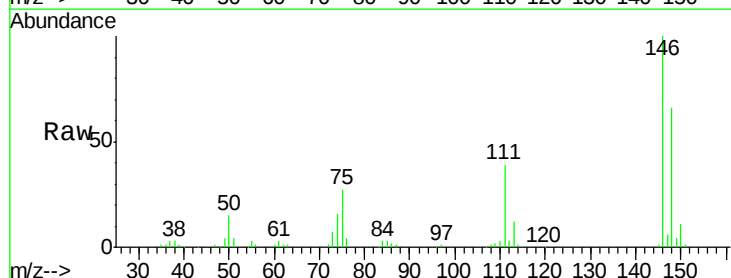


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

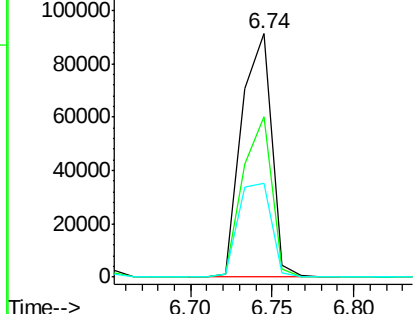
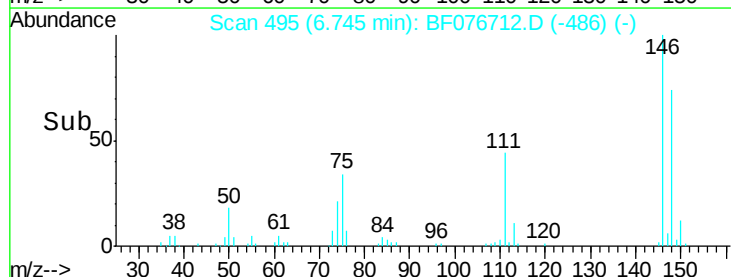


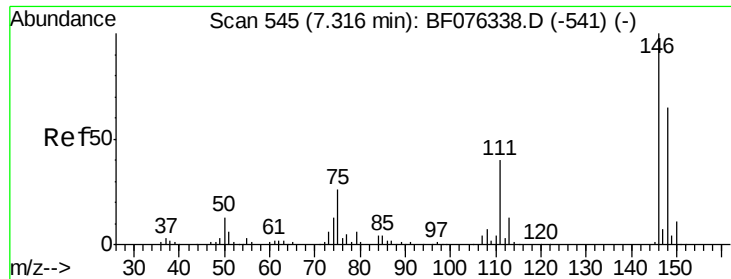
#13
 1,4-Dichlorobenzene
 Concen: 41.67 ng
 RT: 6.74 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion:146 Resp: 115133
 Ion Ratio Lower Upper
 146 100
 148 65.7 53.2 79.8
 111 38.6 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

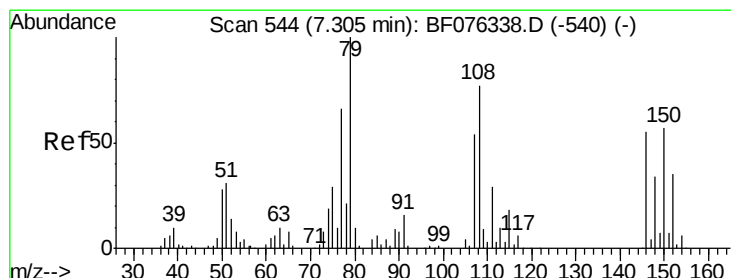
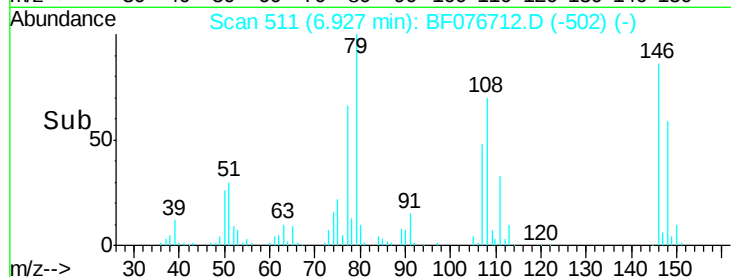
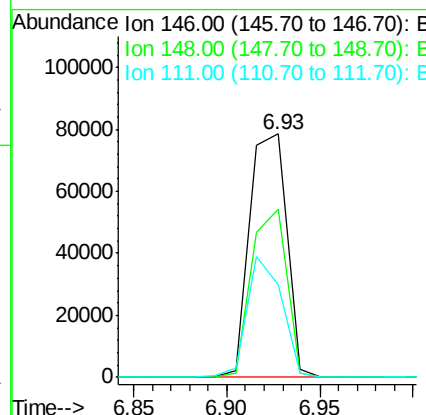
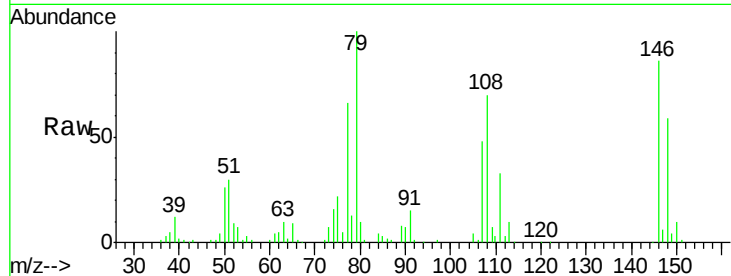




#14
 1,2-Dichlorobenzene
 Concen: 41.30 ng
 RT: 6.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

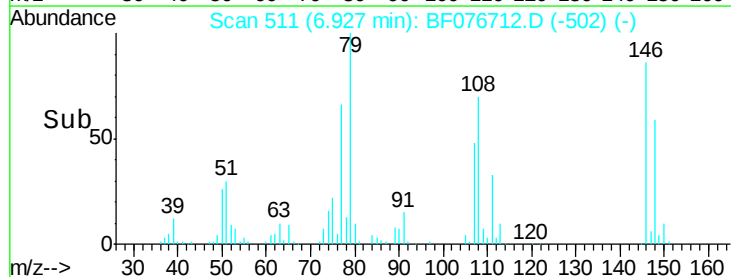
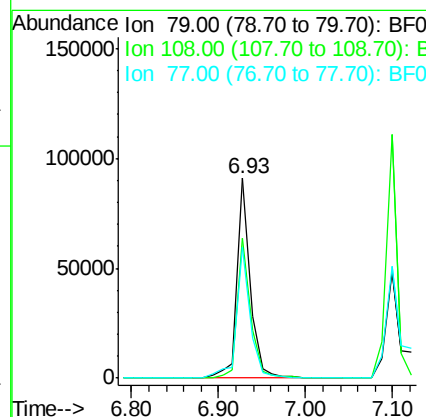
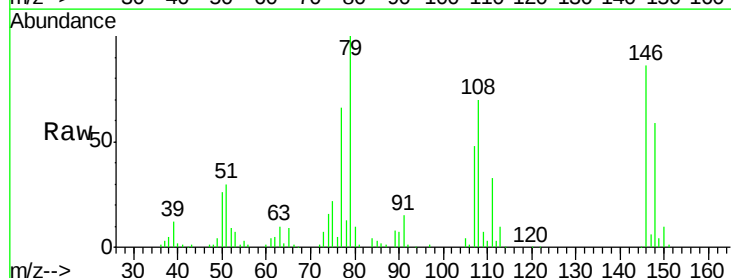
Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

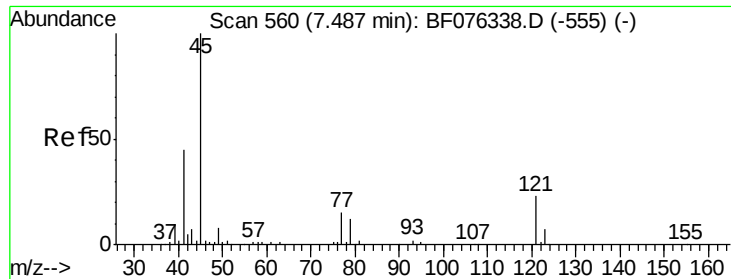
Tot Ion:146 Resp: 108234
 Ion Ratio Lower Upper
 146 100
 148 69.0 52.2 78.2
 111 37.8 32.2 48.2



#15
 Benzyl Alcohol
 Concen: 44.15 ng
 RT: 6.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion: 79 Resp: 95816
 Ion Ratio Lower Upper
 79 100
 108 69.8 62.0 93.0
 77 65.8 53.0 79.6

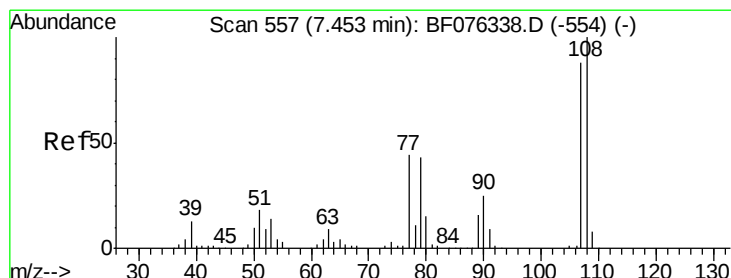
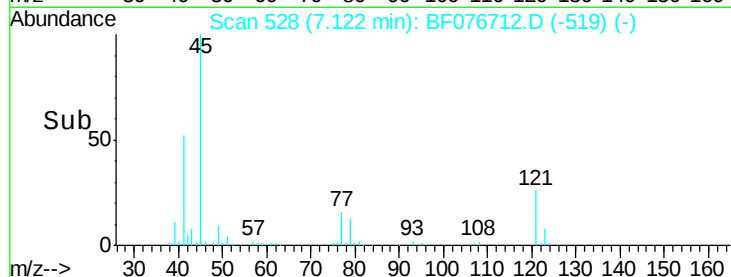
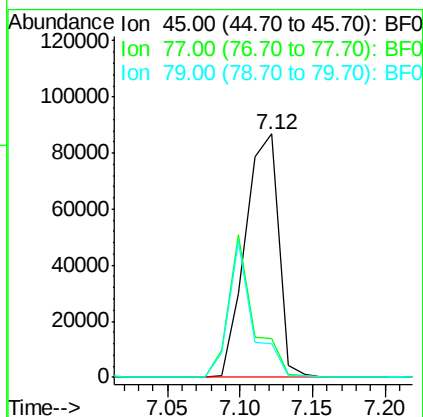
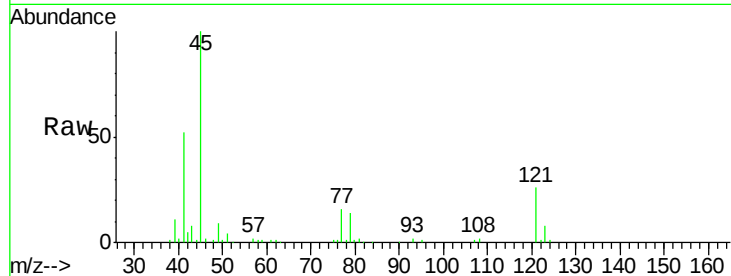




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 43.52 ng
RT: 7.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

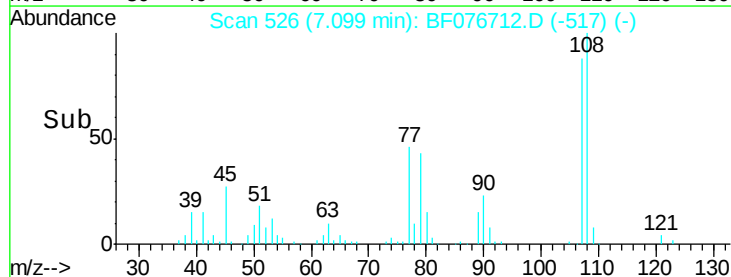
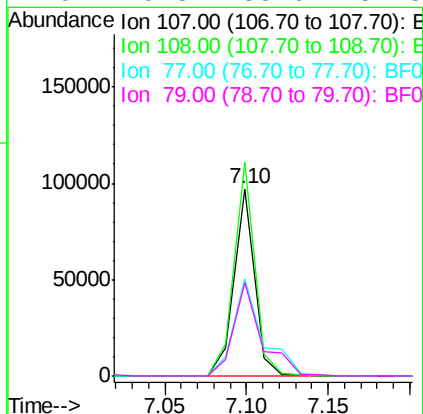
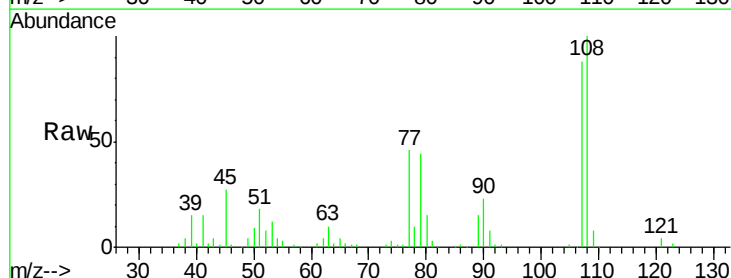
Instrument :
BNA_F
ClientSampleId :
PB81154BS

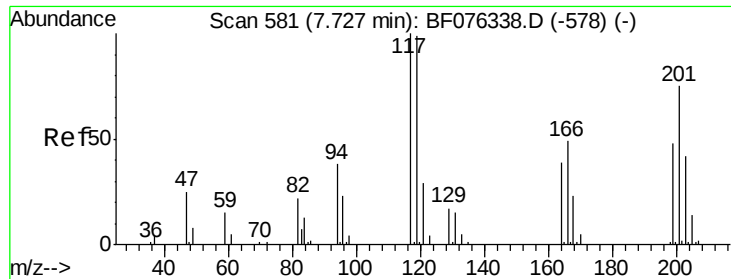
Tot Ion: 45 Resp: 138048
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.5
79 13.8 0.0 32.3



#17
2-Methylphenol
Concen: 43.68 ng
RT: 7.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion: 107 Resp: 84356
Ion Ratio Lower Upper
107 100
108 114.3 90.6 135.8
77 52.3 40.1 60.1
79 49.8 38.6 57.8

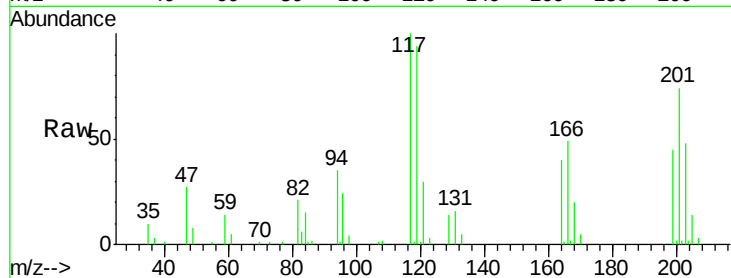




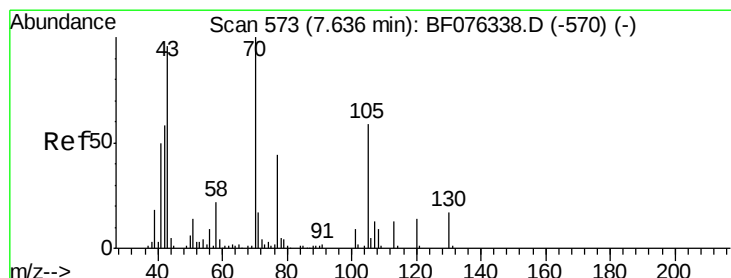
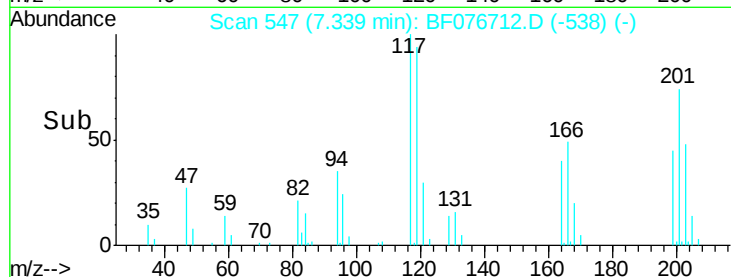
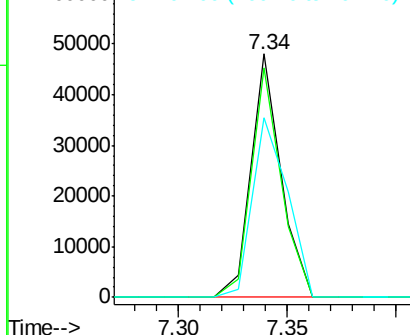
#18
Hexachloroethane
Concen: 46.48 ng
RT: 7.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:117 Resp: 45899
Ion Ratio Lower Upper
117 100
119 94.3 79.3 118.9
201 73.5 59.7 89.5

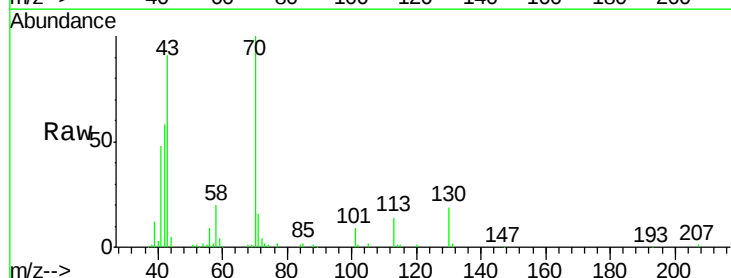


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

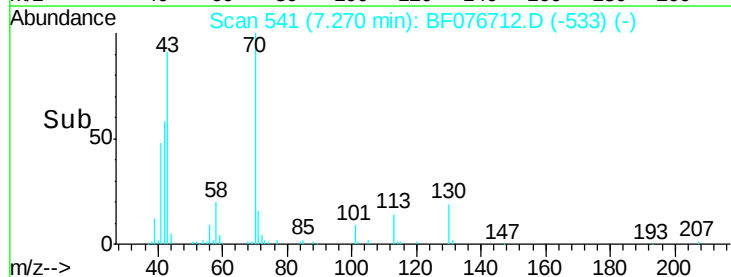
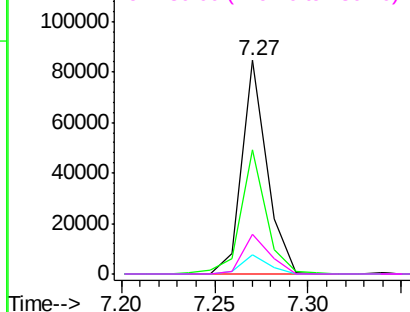


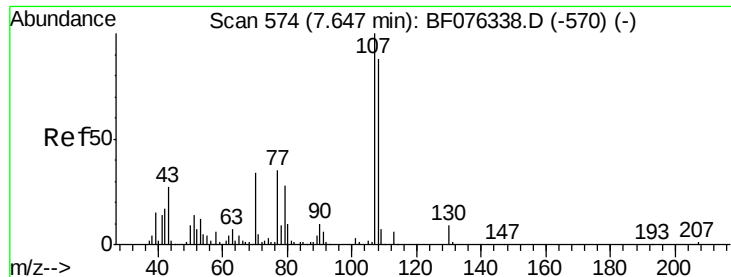
#19
n-Nitroso-di-n-propylamine
Concen: 43.07 ng
RT: 7.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion: 70 Resp: 78832
Ion Ratio Lower Upper
70 100
42 58.4 46.6 70.0
101 9.2 7.0 10.6
130 18.6 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: 42.69 ng

RT: 7.29 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

Tot Ion:107 Resp: 111333

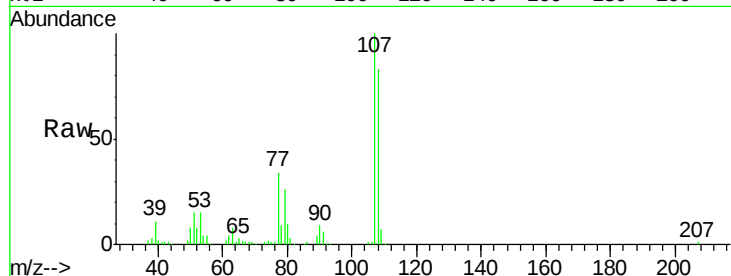
Ion Ratio Lower Upper

107 100

108 83.5 67.5 107.5

77 33.7 15.2 55.2

79 26.5 8.3 48.3

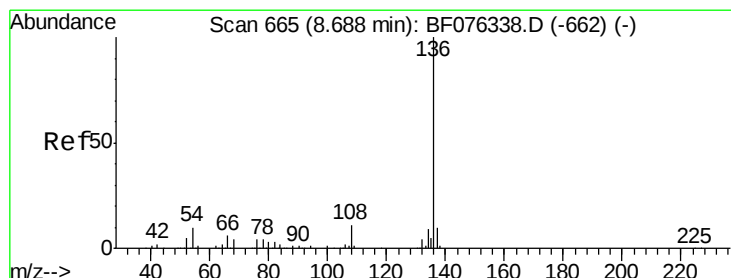
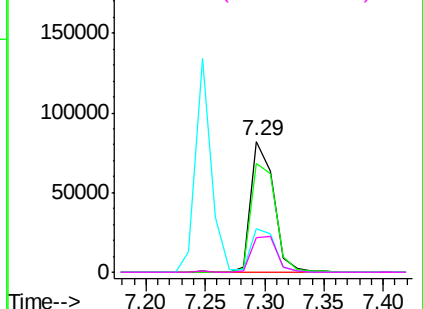
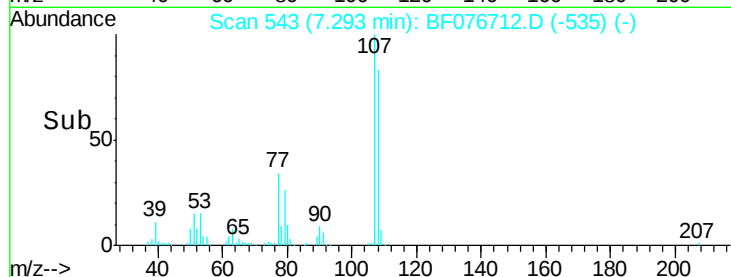


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Tgt Ion:136 Resp: 149500

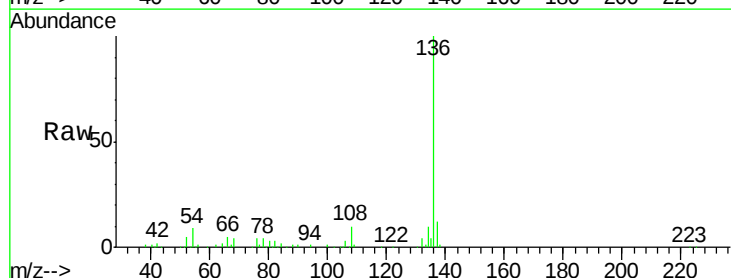
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 8.6 7.8 11.6

68 4.4 3.4 5.2

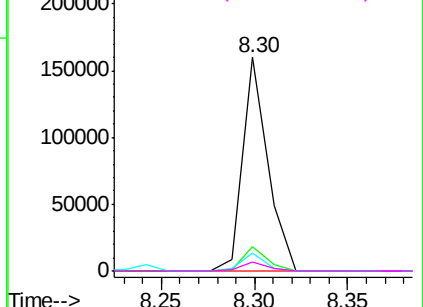
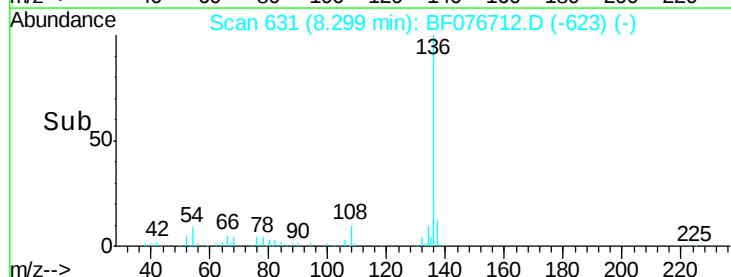


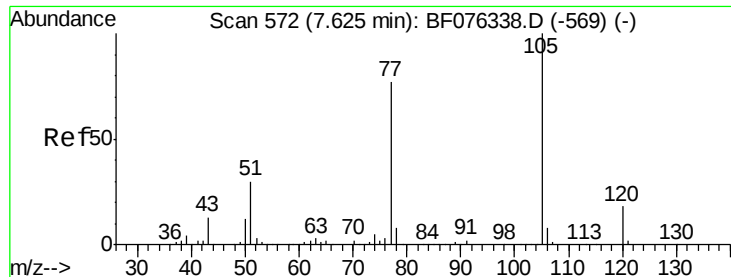
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 46.20 ng

RT: 7.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

Tot Ion:105 Resp: 165549

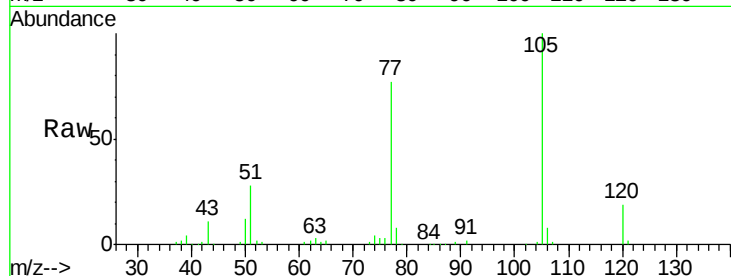
Ion Ratio Lower Upper

105 100

71 0.0 0.3 0.5#

51 28.2 23.8 35.8

120 18.8 14.6 22.0

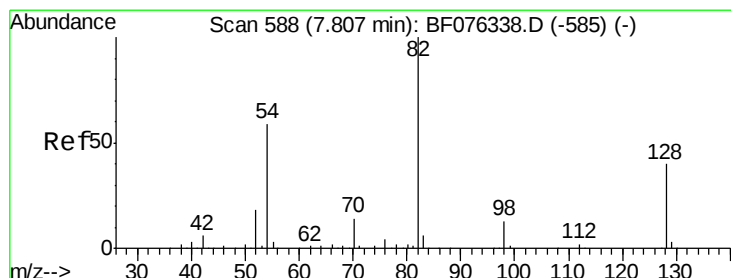
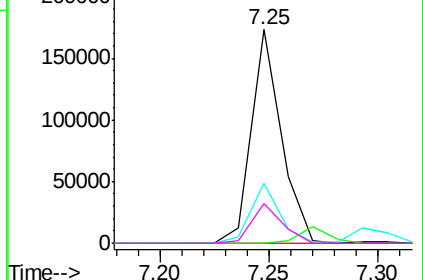
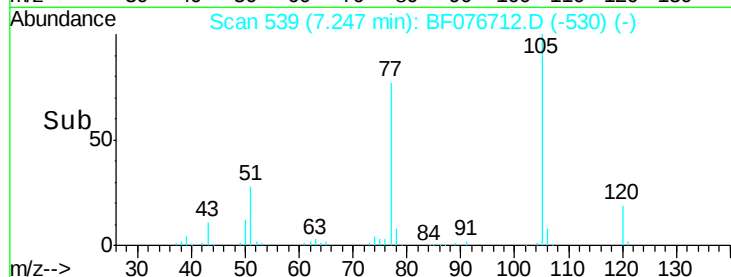


Abundance Ion 105.00 (104.70 to 105.70): E

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: 93.95 ng

RT: 7.43 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

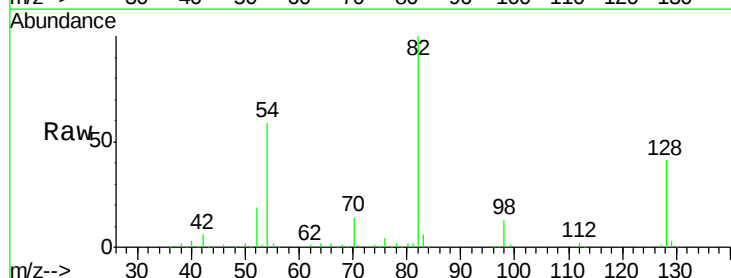
Tgt Ion: 82 Resp: 236182

Ion Ratio Lower Upper

82 100

128 41.0 31.9 47.9

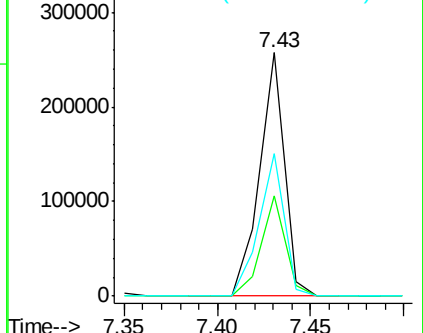
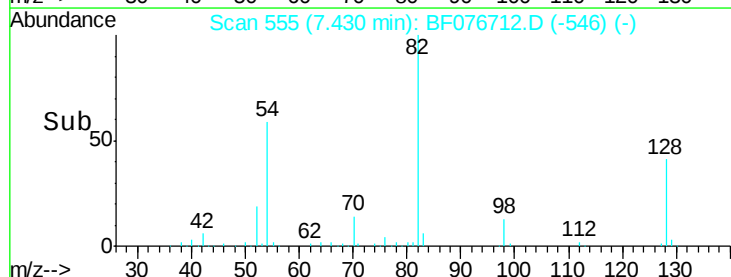
54 58.5 47.2 70.8

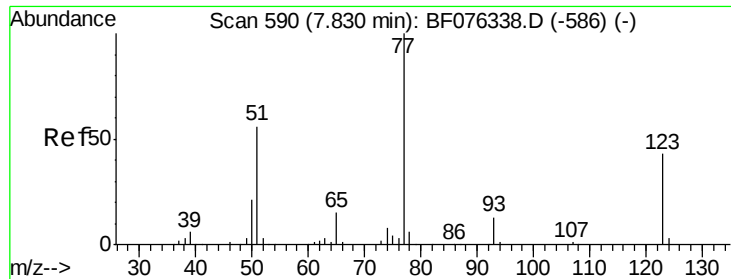


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 46.64 ng

RT: 7.45 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

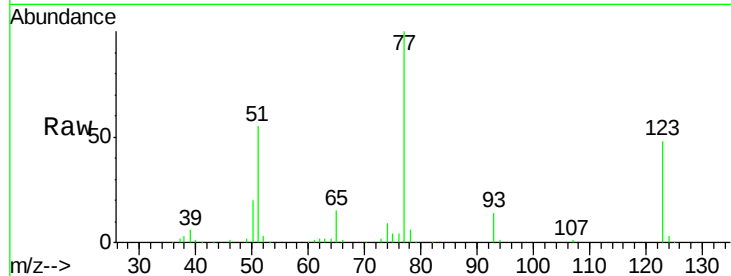
Tot Ion: 77 Resp: 121569

Ion Ratio Lower Upper

77 100

123 48.2 34.3 51.5

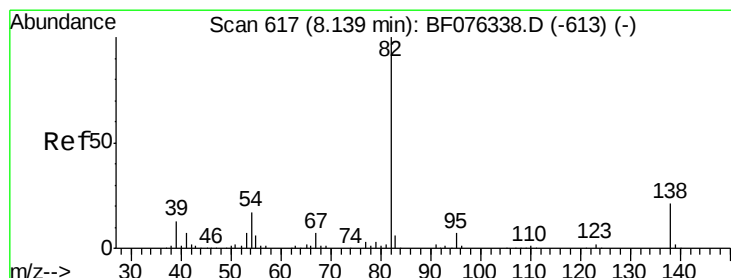
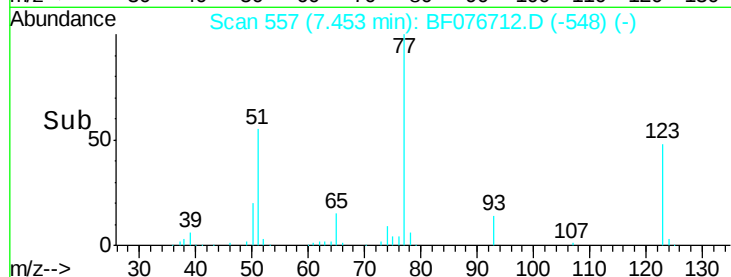
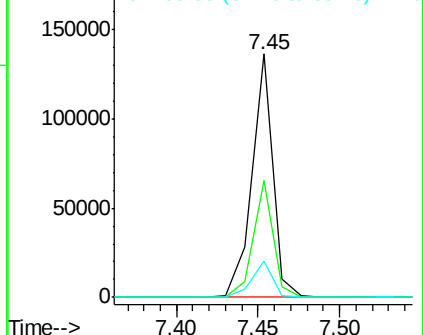
65 14.9 12.2 18.2



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: 45.92 ng

RT: 7.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

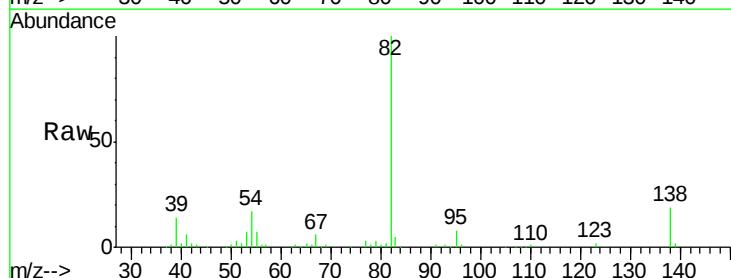
Tgt Ion: 82 Resp: 222471

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

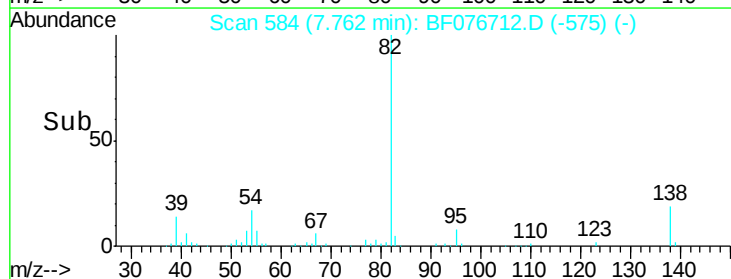
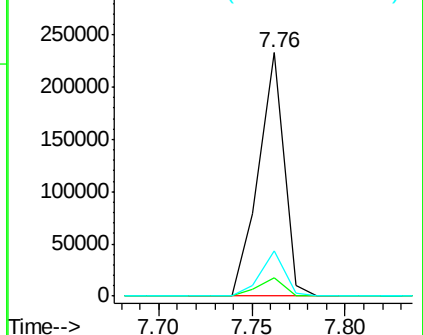
138 18.7 16.6 25.0

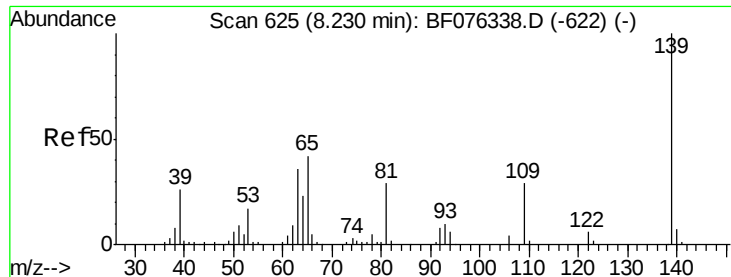


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

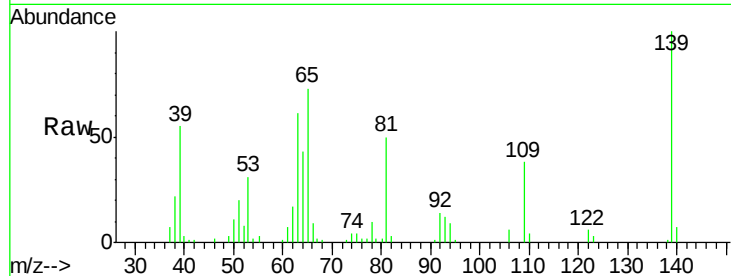




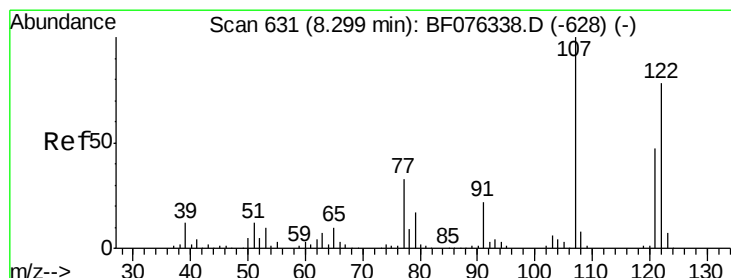
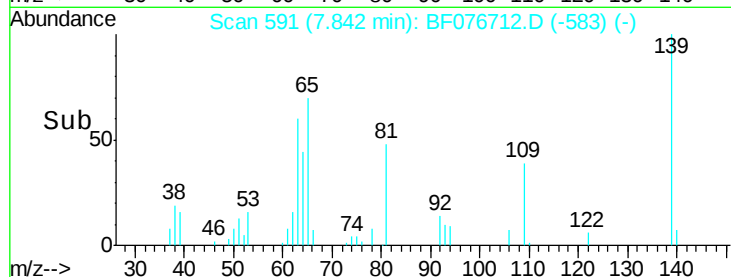
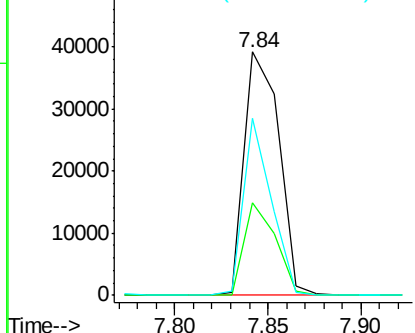
#26
2-Nitrophenol
Concen: 39.76 ng
RT: 7.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:139 Resp: 50611
Ion Ratio Lower Upper
139 100
109 37.8 22.9 34.3#
65 72.8 33.3 49.9#

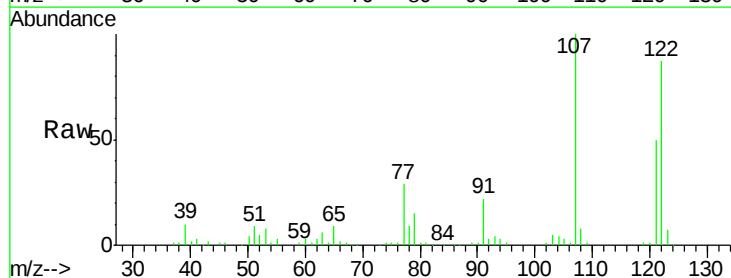


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

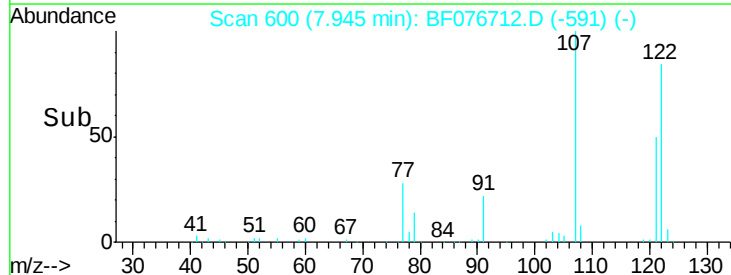
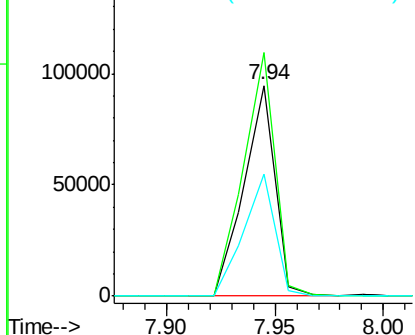


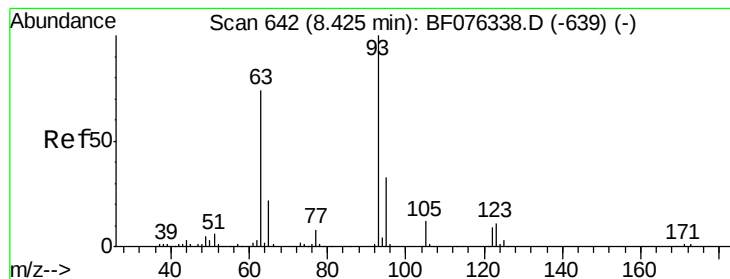
#27
2,4-Dimethylphenol
Concen: 45.71 ng
RT: 7.94 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:122 Resp: 94170
Ion Ratio Lower Upper
122 100
107 115.5 102.5 153.7
121 57.9 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: 48.80 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

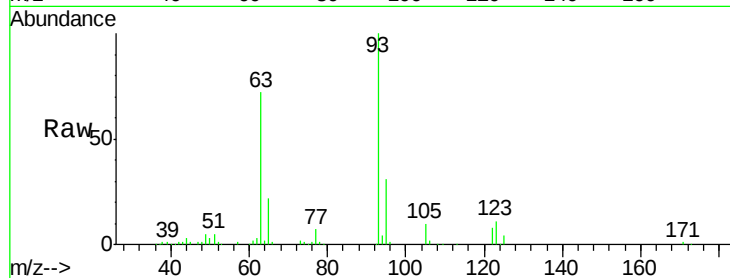
Tot Ion: 93 Resp: 138794

Ion Ratio Lower Upper

93 100

95 31.1 26.2 39.2

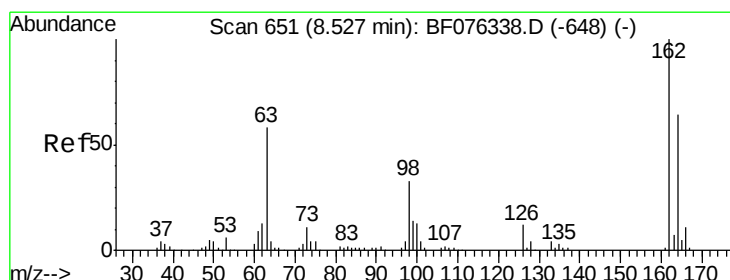
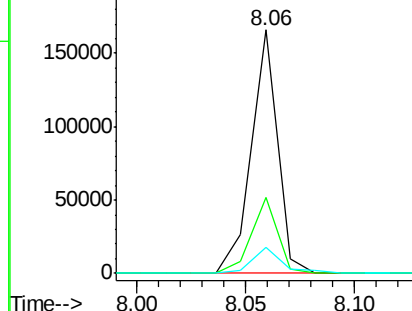
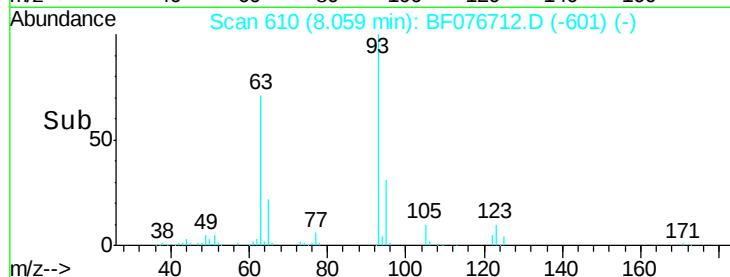
123 10.5 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF076712.D (-610) (-)

Ion 95.00 (94.70 to 95.70): BF076712.D (-610) (-)

Ion 123.00 (122.70 to 123.70): BF076712.D (-610) (-)



#29

2,4-Dichlorophenol

Concen: 43.97 ng

RT: 8.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

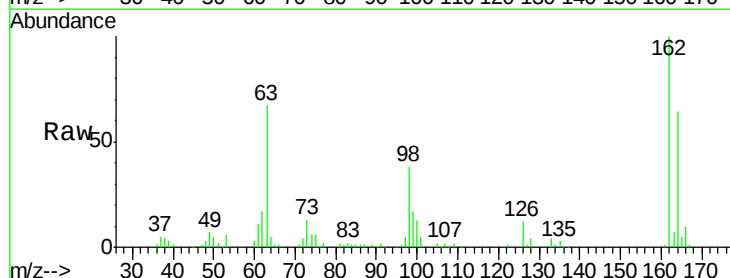
Tgt Ion: 162 Resp: 89031

Ion Ratio Lower Upper

162 100

164 64.3 44.0 84.0

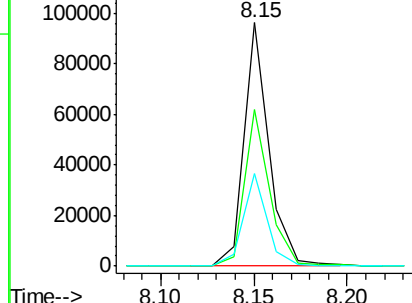
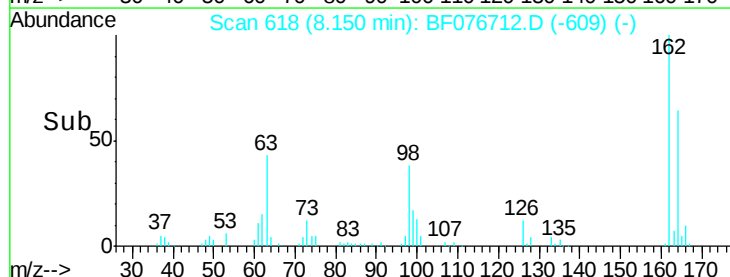
98 37.9 13.4 53.4

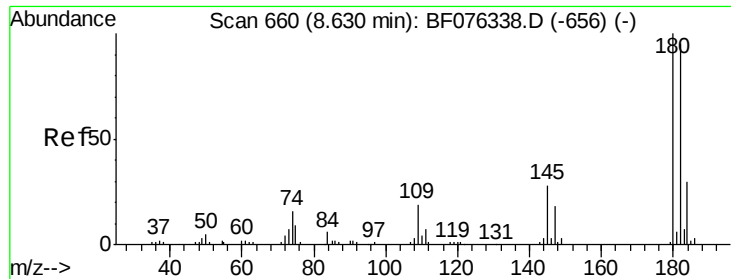


Abundance Ion 162.00 (161.70 to 162.70): BF076712.D (-618) (-)

Ion 164.00 (163.70 to 164.70): BF076712.D (-618) (-)

Ion 98.00 (97.70 to 98.70): BF076712.D (-618) (-)

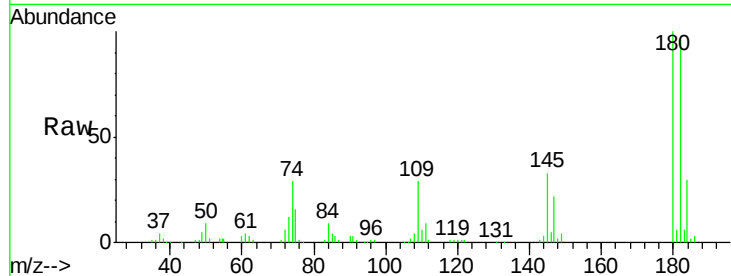




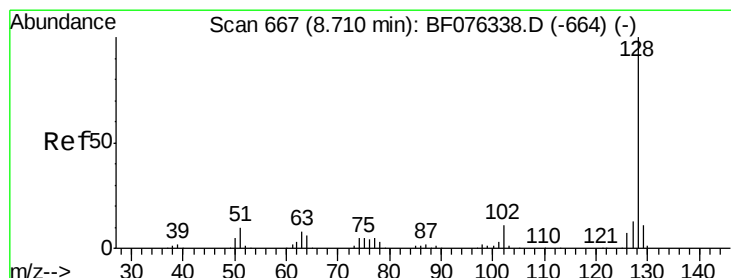
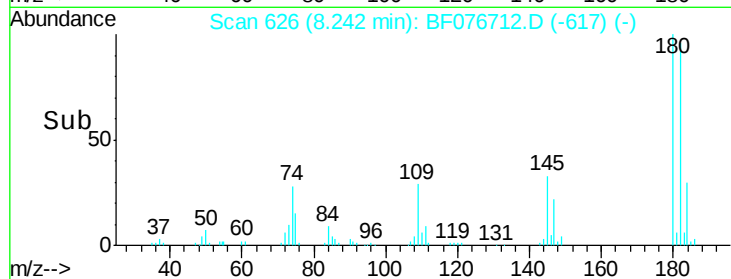
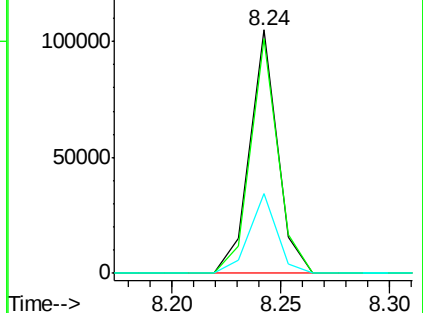
#30
 1,2,4-Trichlorobenzene
 Concen: 42.64 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

Tot Ion:180 Resp: 93093
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.8 113.6
 145 32.8 22.4 33.6

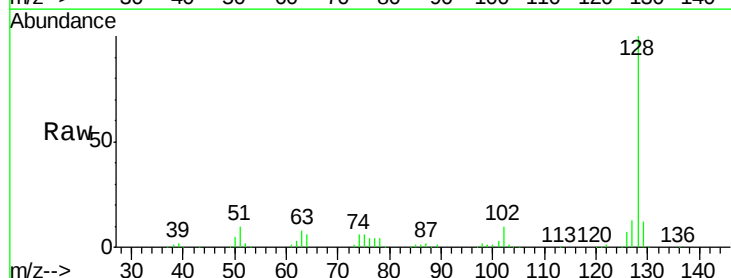


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

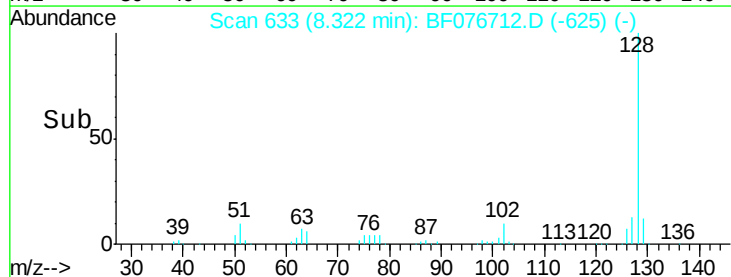
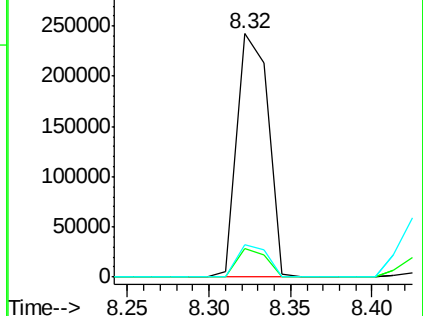


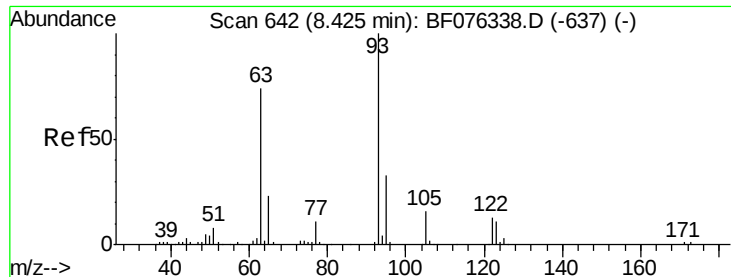
#31
 Naphthalene
 Concen: 42.96 ng
 RT: 8.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion:128 Resp: 318192
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 13.4 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: 42.67 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

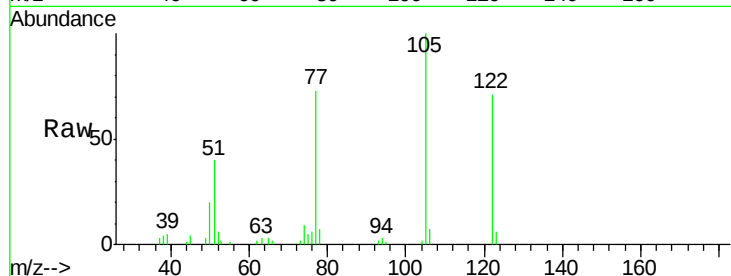
Tot Ion:122 Resp: 52156

Ion Ratio Lower Upper

122 100

105 141.3 110.2 150.2

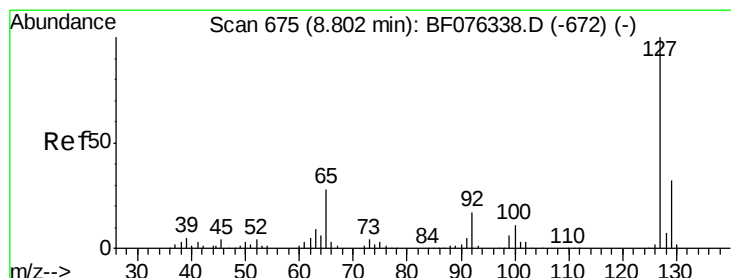
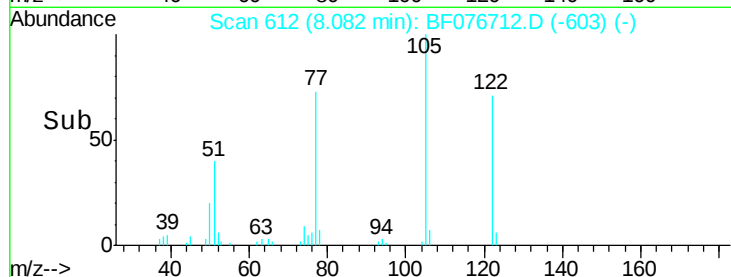
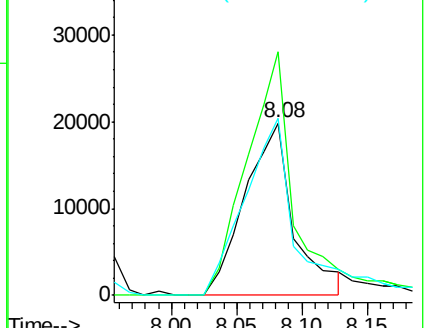
77 102.7 70.7 110.7



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: 20.47 ng

RT: 8.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Tgt Ion:127 Resp: 61891

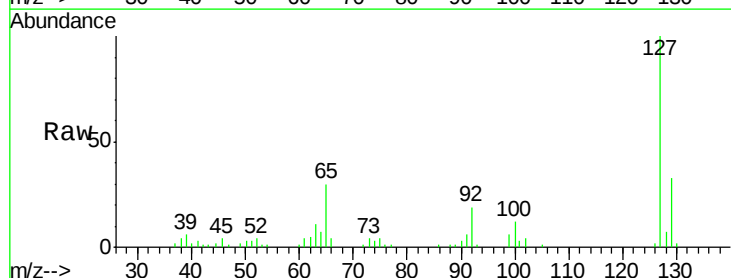
Ion Ratio Lower Upper

127 100

129 33.2 25.6 38.4

65 30.4 22.1 33.1

92 19.4 13.6 20.4

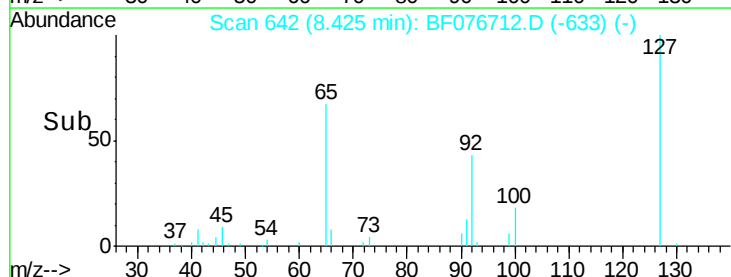
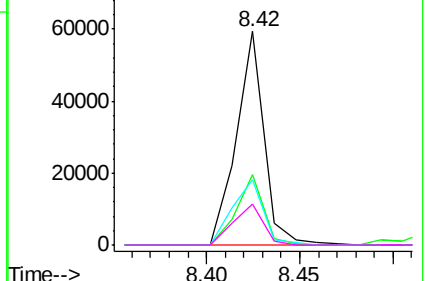


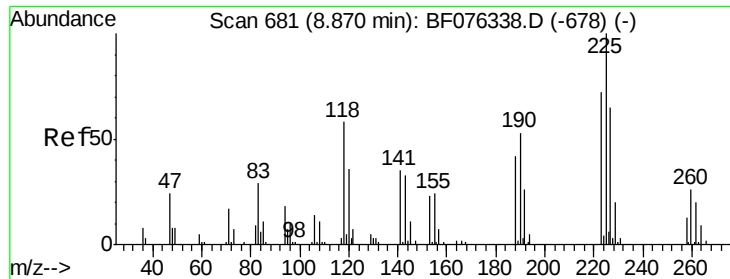
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

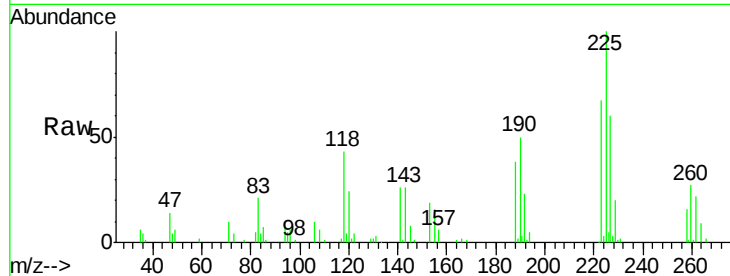




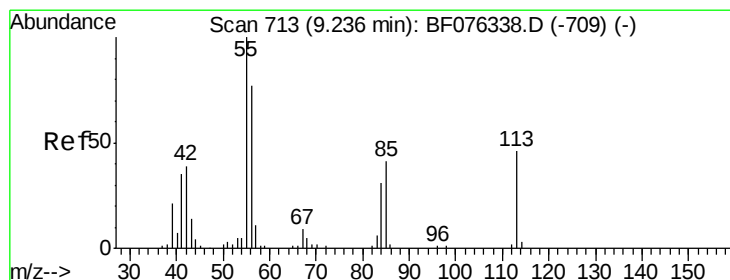
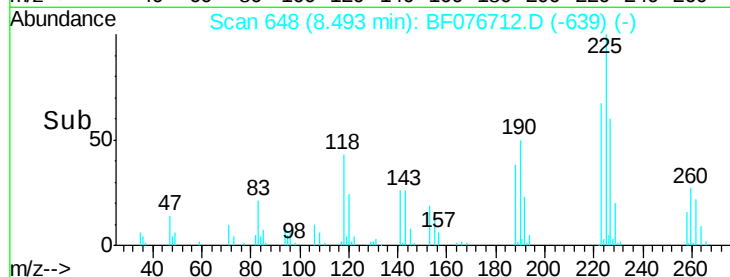
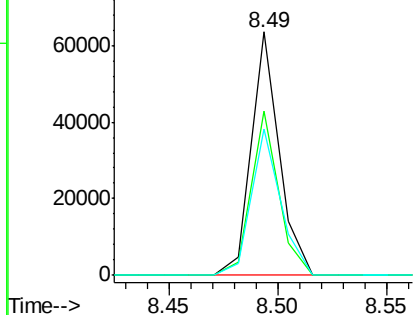
#34
Hexachlorobutadiene
Concen: 44.50 ng
RT: 8.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:225 Resp: 56472
Ion Ratio Lower Upper
225 100
223 67.4 57.3 85.9
227 60.2 52.3 78.5

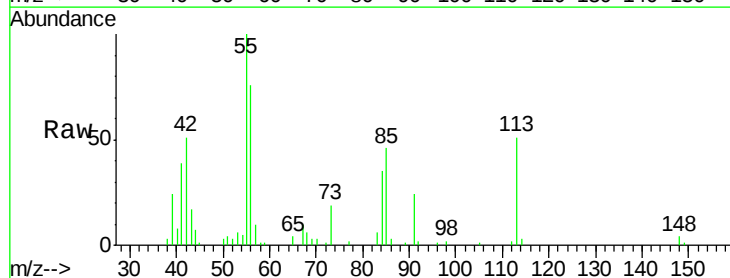


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

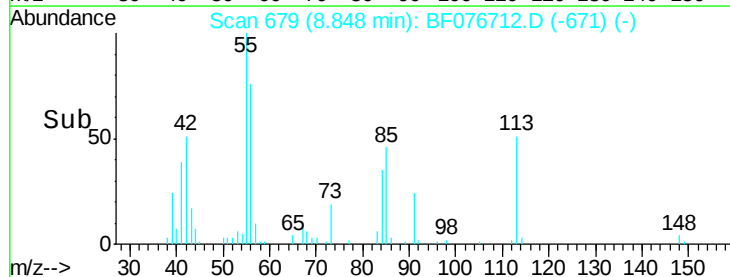
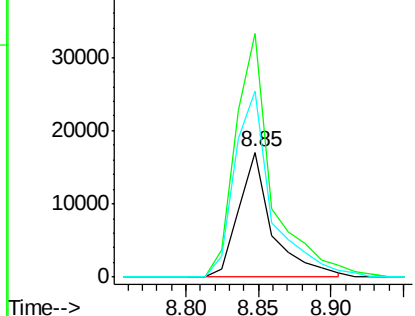


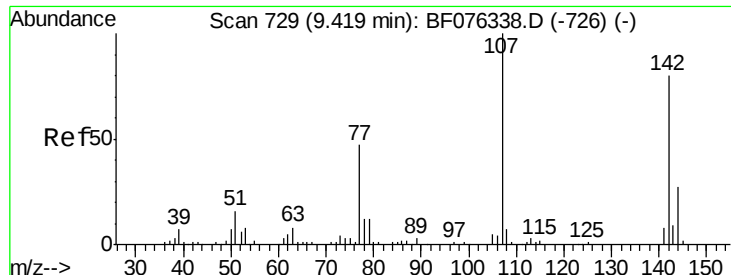
#35
Caprolactam
Concen: 47.35 ng
RT: 8.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:113 Resp: 27646
Ion Ratio Lower Upper
113 100
55 194.5 199.5 239.5#
56 148.7 148.4 188.4



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

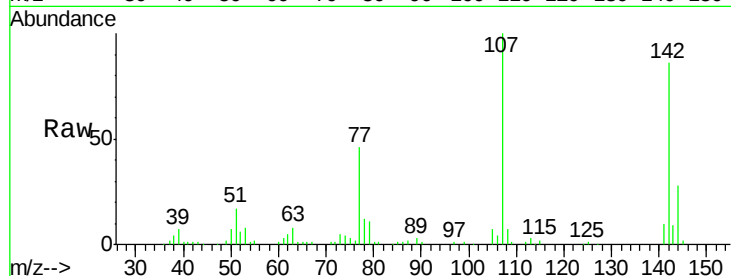




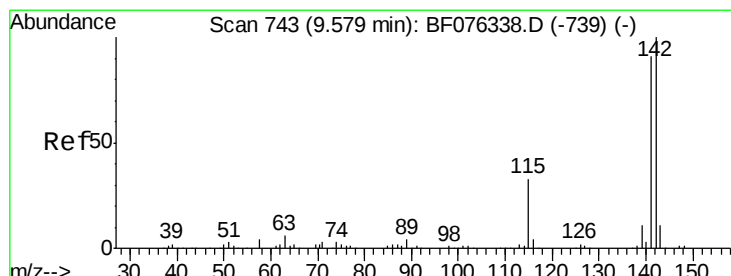
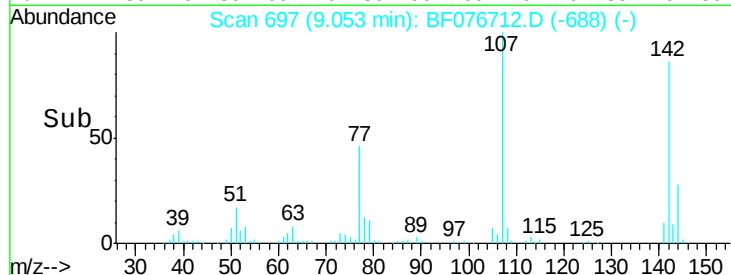
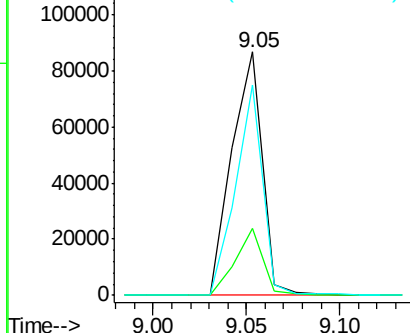
#36
 4-Chloro-3-methylphenol
 Concen: 44.14 ng
 RT: 9.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

Tot Ion:107 Resp: 99477
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.8 32.6
 142 86.3 64.4 96.6

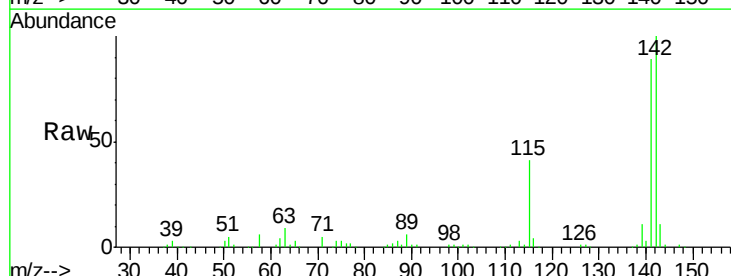


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

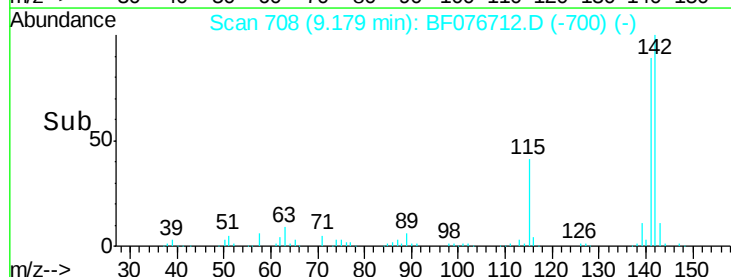
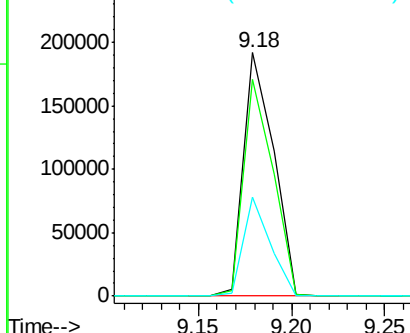


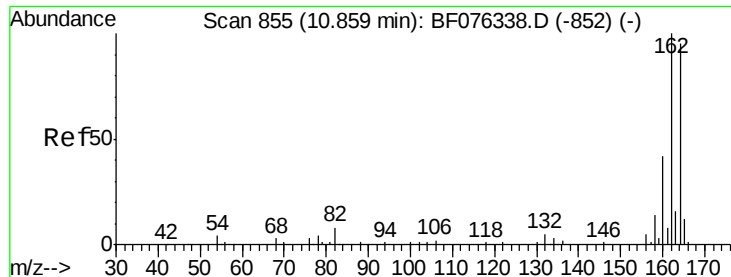
#37
 2-Methylnaphthalene
 Concen: 41.62 ng
 RT: 9.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion:142 Resp: 215085
 Ion Ratio Lower Upper
 142 100
 141 89.0 72.4 108.6
 115 40.6 26.5 39.7#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

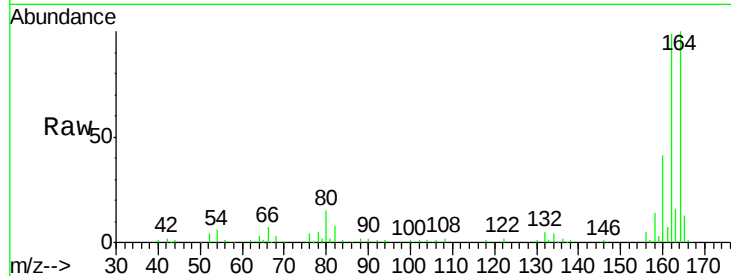
Tot Ion:164 Resp: 85441

Ion Ratio Lower Upper

164 100

162 99.5 84.2 126.2

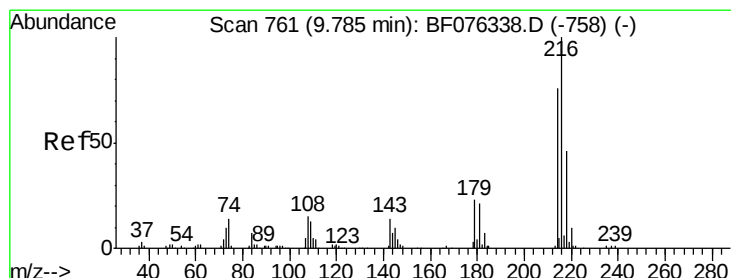
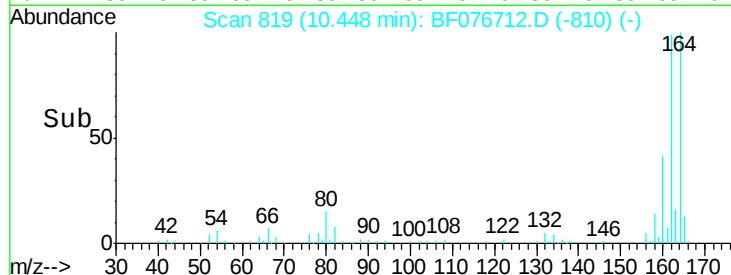
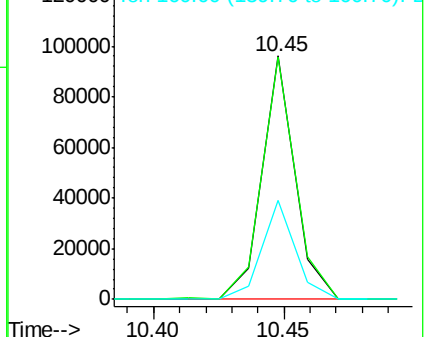
160 40.7 35.5 53.3



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: 43.76 ng

RT: 9.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Tgt Ion:216 Resp: 91965

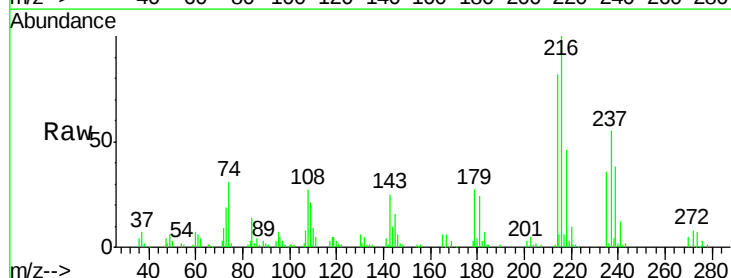
Ion Ratio Lower Upper

216 100

214 80.9 48.7 73.1#

179 24.5 14.5 21.7#

108 25.2 0.0 0.0#

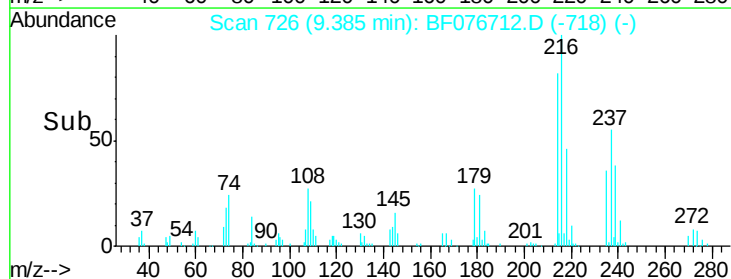
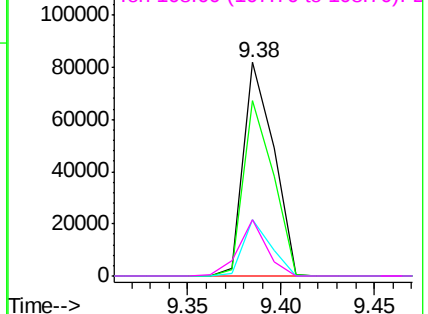


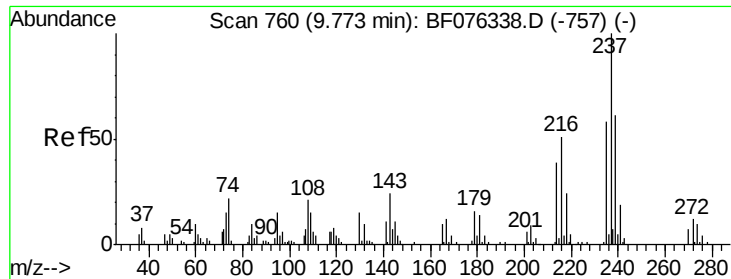
Abundance Ion 216.00 (215.70 to 216.70): E

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

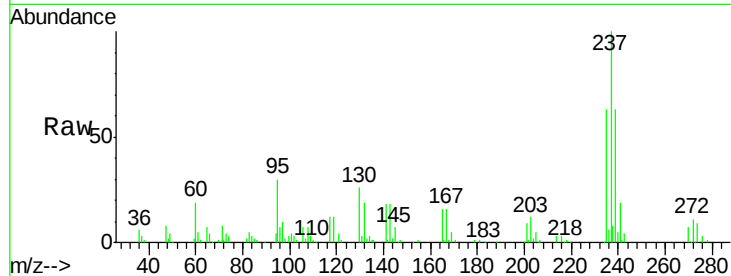




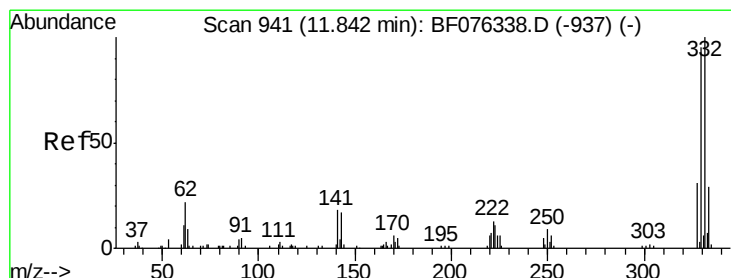
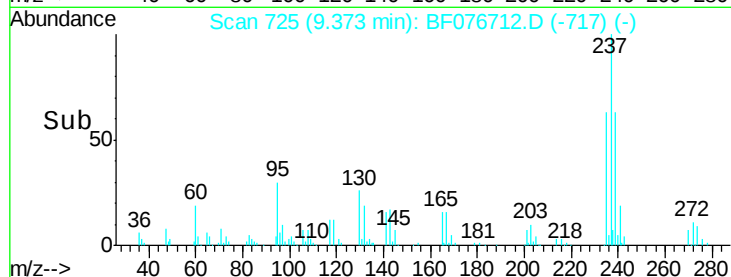
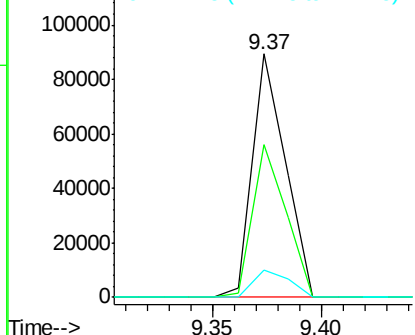
#40
Hexachlorocyclopentadiene
Concen: 77.74 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:237 Resp: 94339
Ion Ratio Lower Upper
237 100
235 62.5 38.5 78.5
272 11.2 0.0 32.2

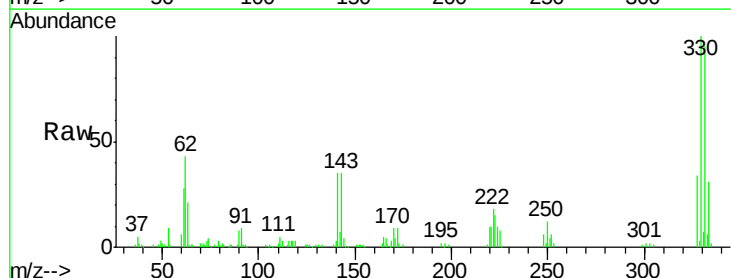


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

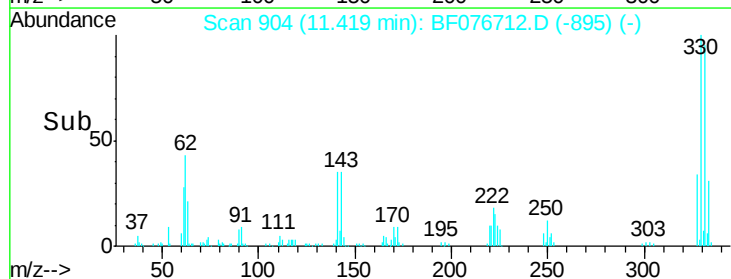
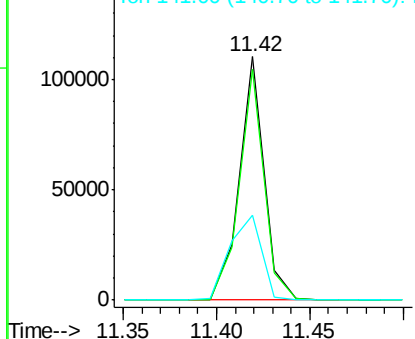


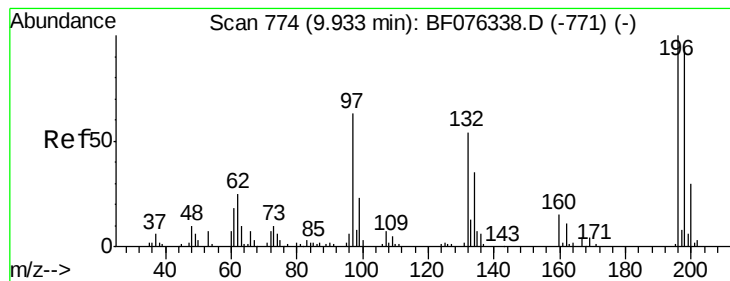
#41
2,4,6-Tribromophenol
Concen: 141.79 ng
RT: 11.42 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:330 Resp: 102391
Ion Ratio Lower Upper
330 100
332 95.2 0.0 0.0#
141 45.8 0.0 0.0#



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





#42

2,4,6-Trichlorophenol

Concen: 39.68 ng

RT: 9.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

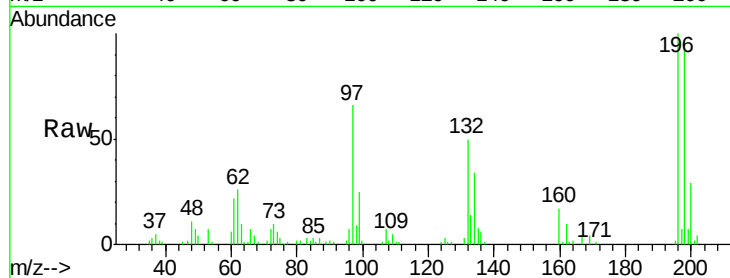
Tot Ion:196 Resp: 60508

Ion Ratio Lower Upper

196 100

198 97.2 75.6 113.4

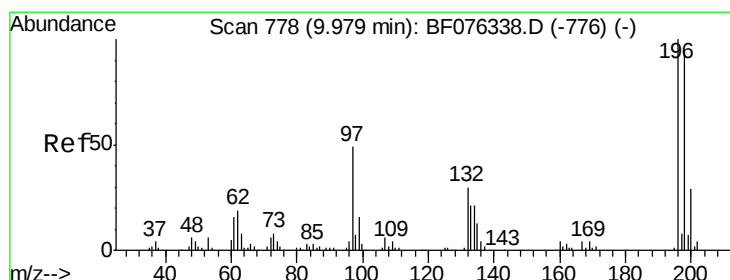
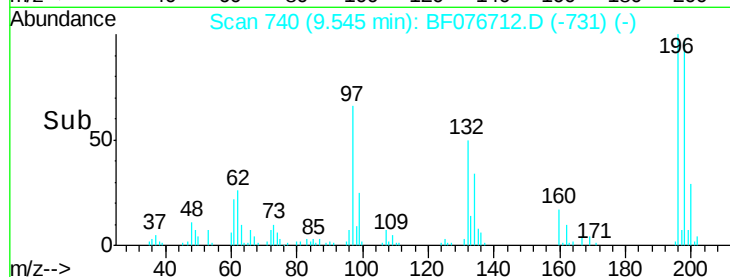
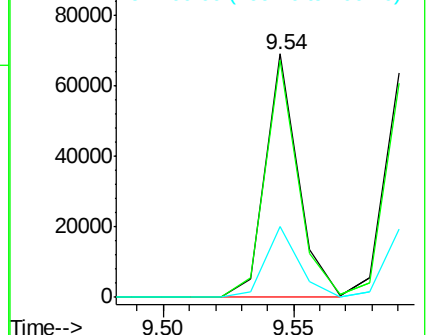
200 29.3 24.0 36.0



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: 38.34 ng

RT: 9.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Tgt Ion:196 Resp: 62902

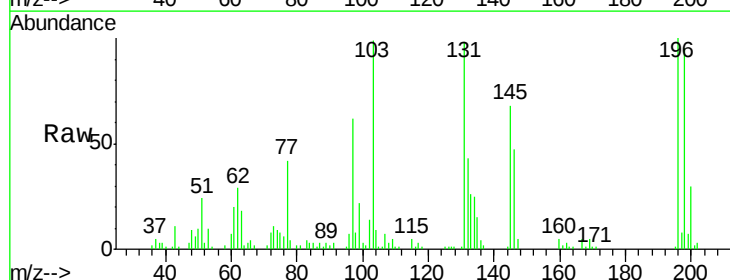
Ion Ratio Lower Upper

196 100

198 95.3 75.2 112.8

97 62.2 39.0 58.4#

132 43.3 24.4 36.6#

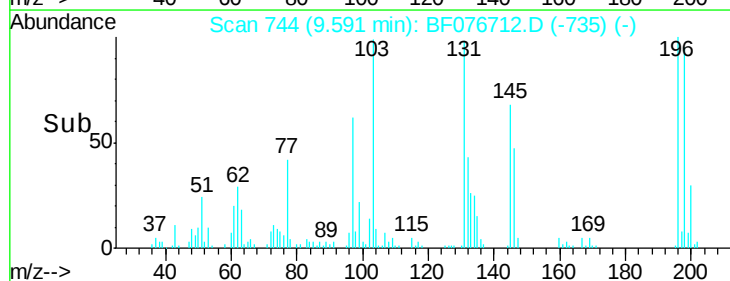
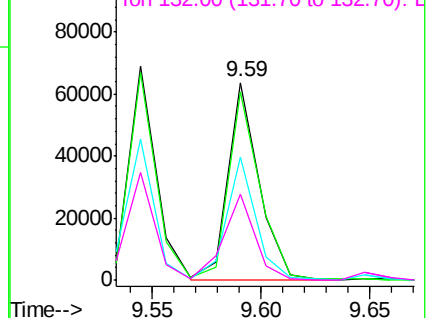


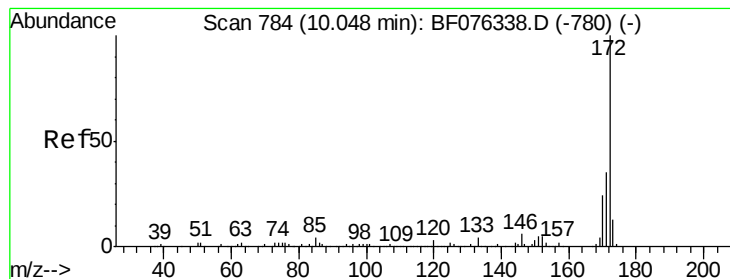
Abundance Ion 196.00 (195.70 to 196.70): E

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: 83.82 ng

RT: 9.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

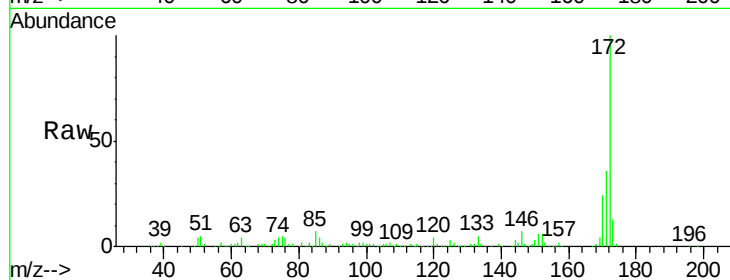
Tot Ion:172 Resp: 460203

Ion Ratio Lower Upper

172 100

171 36.5 27.8 41.8

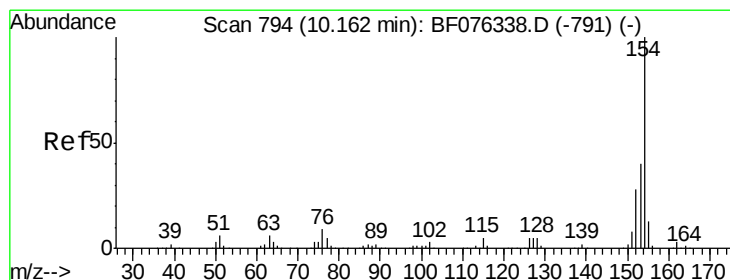
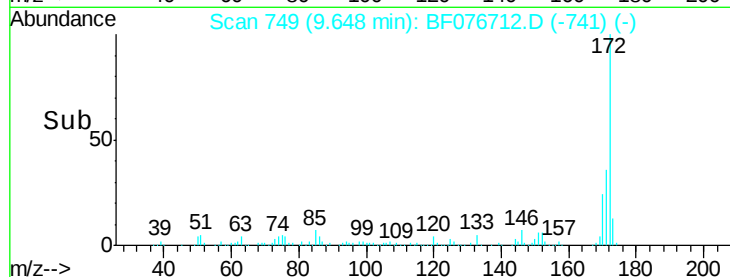
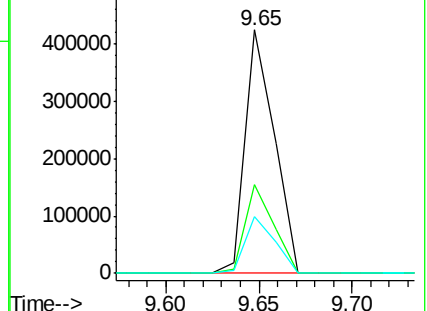
170 23.5 19.0 28.4



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: 43.13 ng

RT: 9.76 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

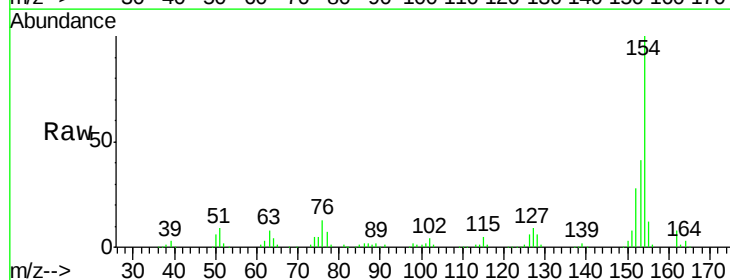
Tgt Ion:154 Resp: 273777

Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

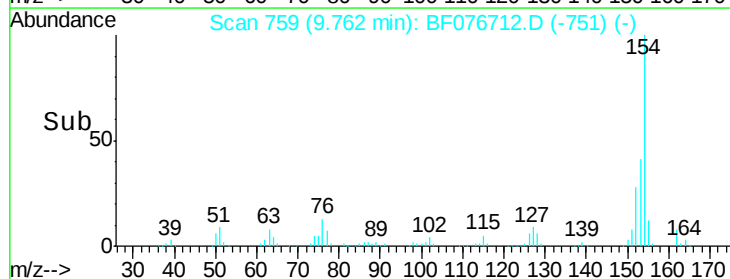
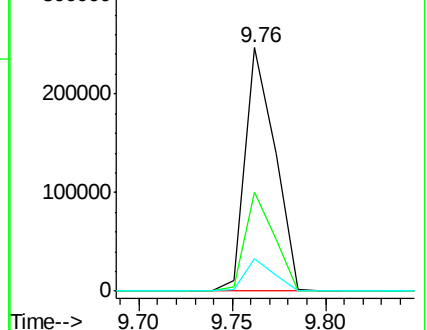
76 13.4 0.0 29.4

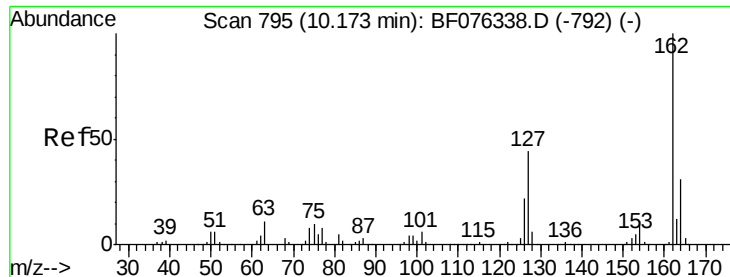


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

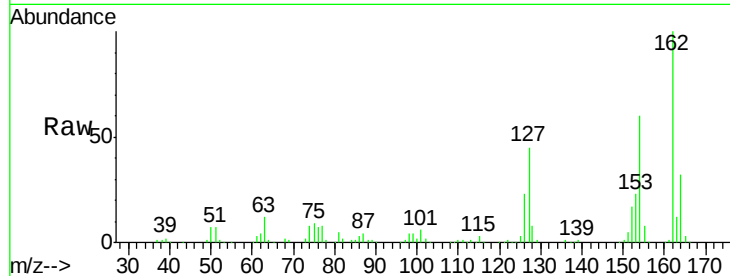




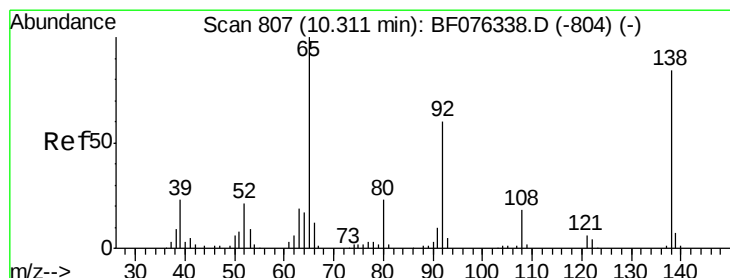
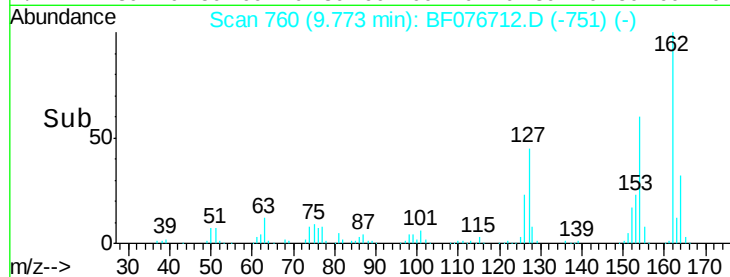
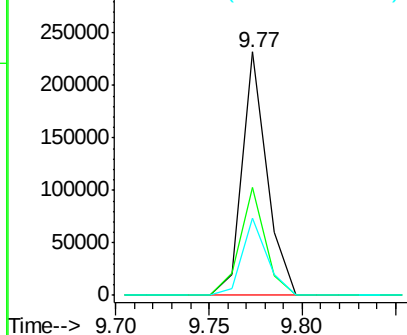
#46
 2-Chloronaphthalene
 Concen: 42.60 ng
 RT: 9.77 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

Tot Ion:162 Resp: 214452
 Ion Ratio Lower Upper
 162 100
 127 44.6 35.2 52.8
 164 31.8 24.6 36.8

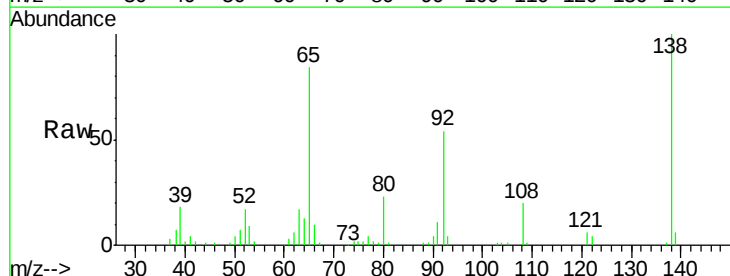


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

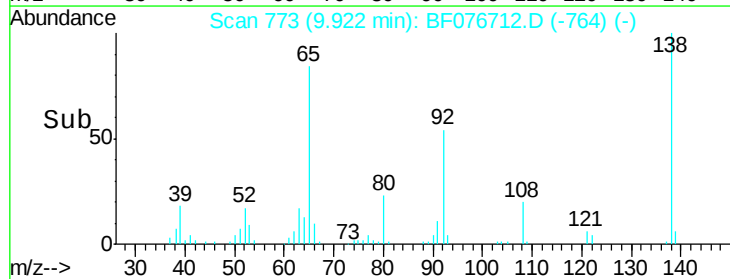
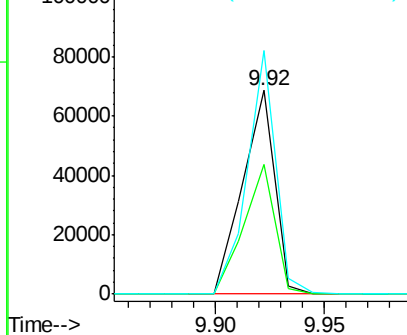


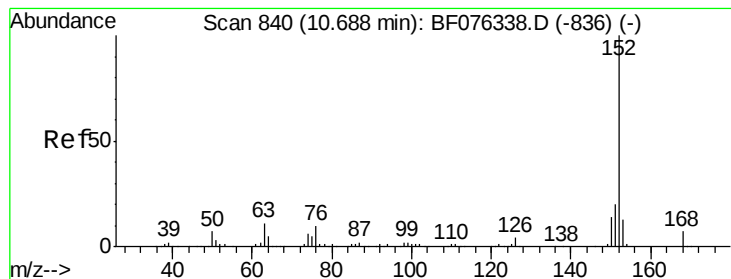
#47
 2-Nitroaniline
 Concen: 45.76 ng
 RT: 9.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion: 65 Resp: 70081
 Ion Ratio Lower Upper
 65 100
 92 64.0 48.0 72.0
 138 119.6 67.0 100.6#



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





#48

Acenaphthylene

Concen: 42.21 ng

RT: 10.28 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

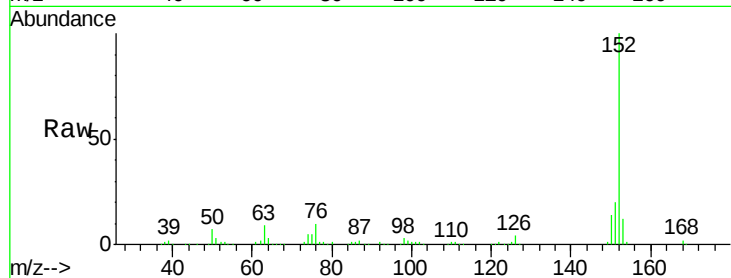
Tot Ion:152 Resp: 361462

Ion Ratio Lower Upper

152 100

151 20.4 15.7 23.5

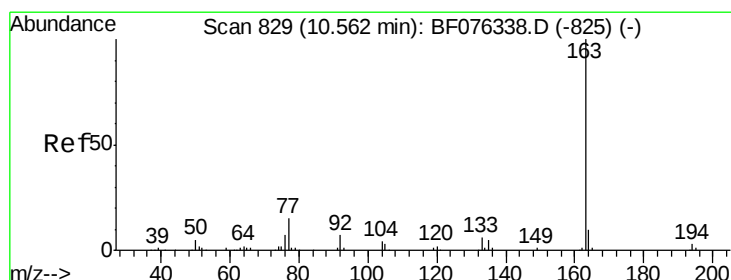
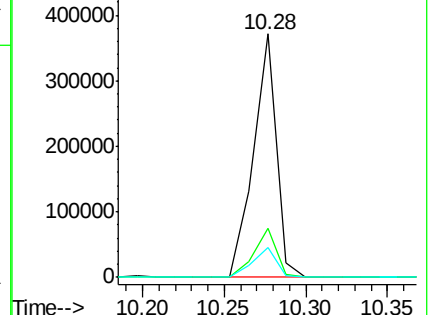
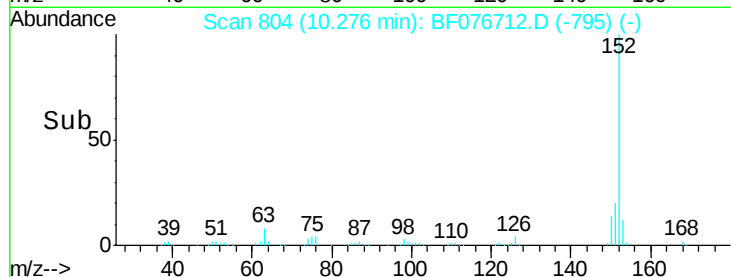
153 12.3 10.2 15.2



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: 45.26 ng

RT: 10.17 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

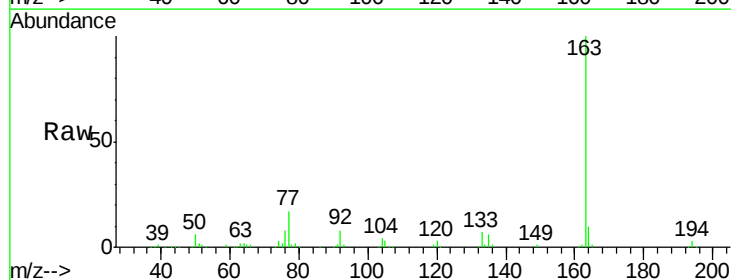
Tgt Ion:163 Resp: 273569

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

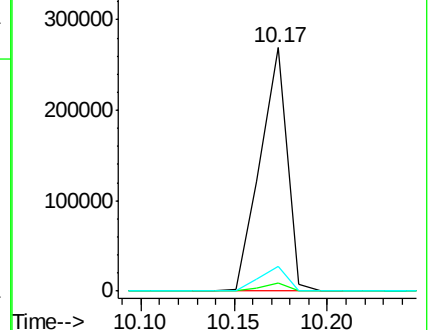
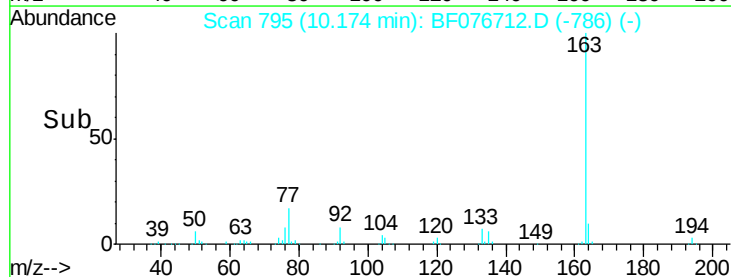
164 10.1 7.7 11.5

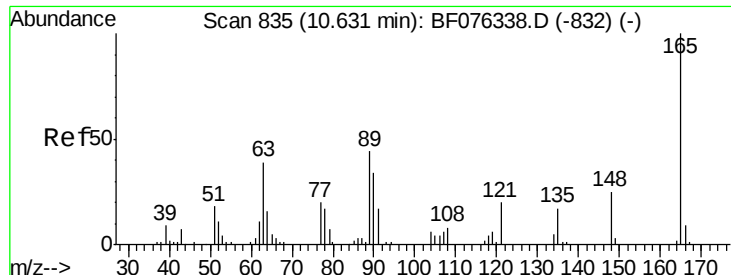


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

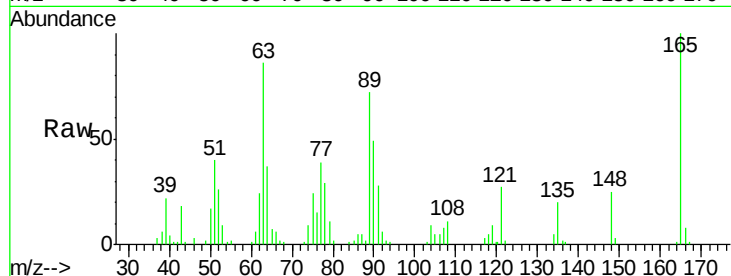




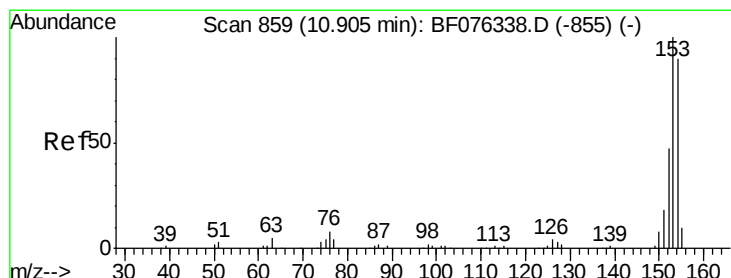
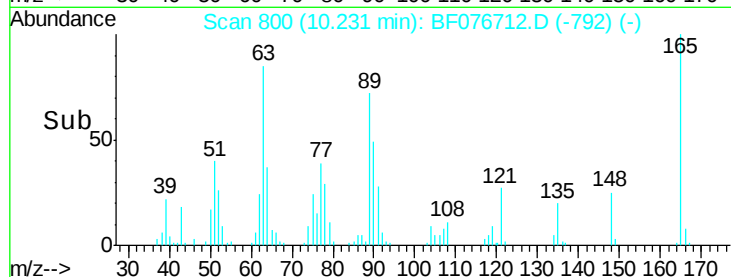
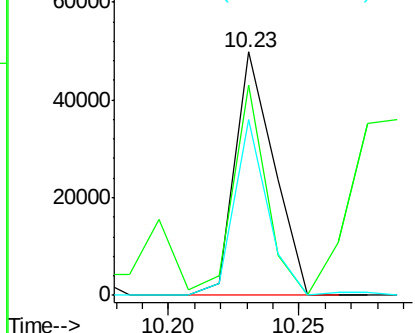
#50
 2,6-Dinitrotoluene
 Concen: 42.04 ng
 RT: 10.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

Tot Ion:165 Resp: 52058
 Ion Ratio Lower Upper
 165 100
 63 86.2 35.0 52.6#
 89 72.2 35.4 53.2#

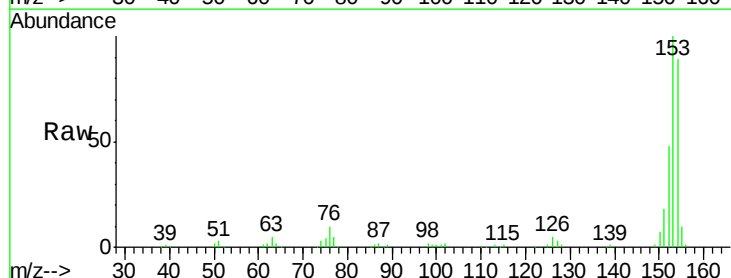


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

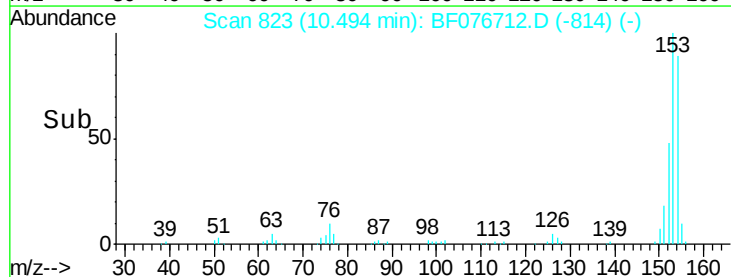
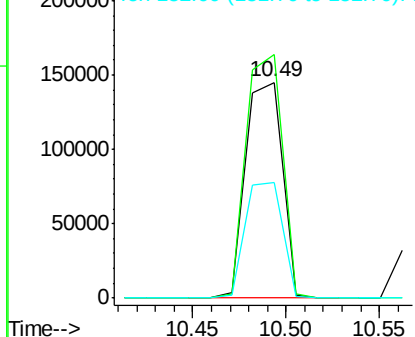


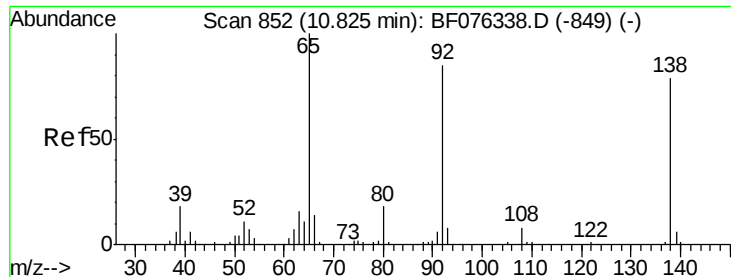
#51
 Acenaphthene
 Concen: 40.86 ng
 RT: 10.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion:154 Resp: 197949
 Ion Ratio Lower Upper
 154 100
 153 112.8 89.4 134.0
 152 53.7 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

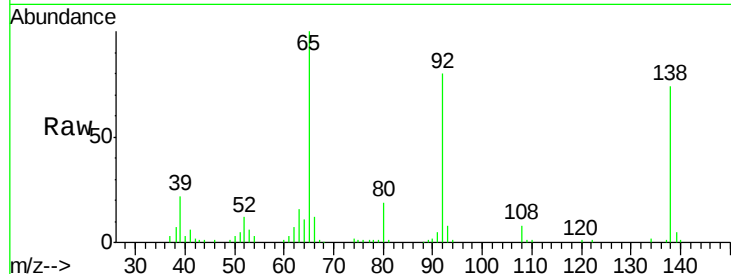




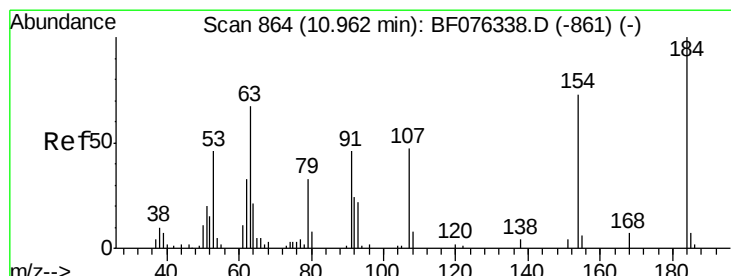
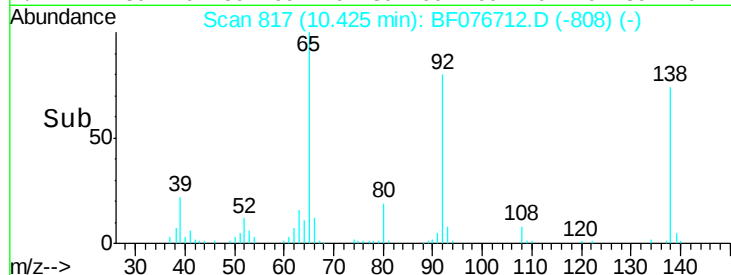
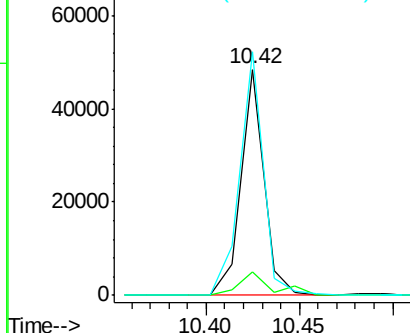
#52
3-Nitroaniline
Concen: 29.80 ng
RT: 10.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:138 Resp: 41894
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 107.7 85.6 128.4

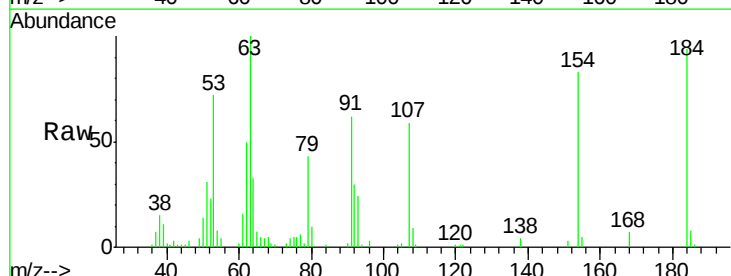


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

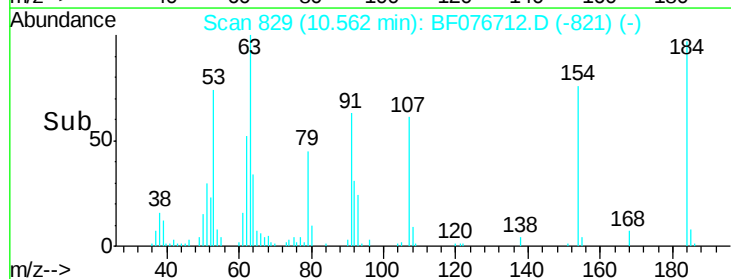
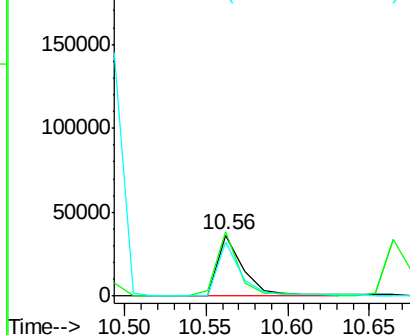


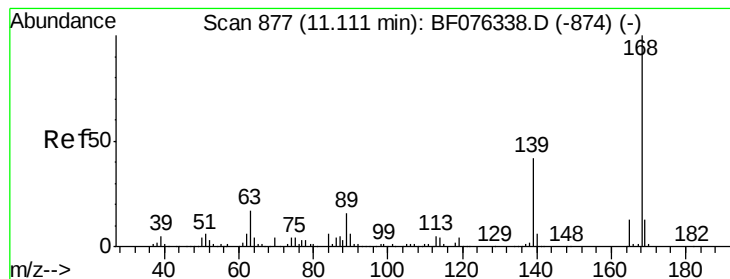
#53
2,4-Dinitrophenol
Concen: 62.14 ng
RT: 10.56 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:184 Resp: 39950
Ion Ratio Lower Upper
184 100
63 106.4 53.4 80.0#
154 88.2 58.5 87.7#



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





#54

Dibenzenofuran

Concen: 41.87 ng

RT: 10.70 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

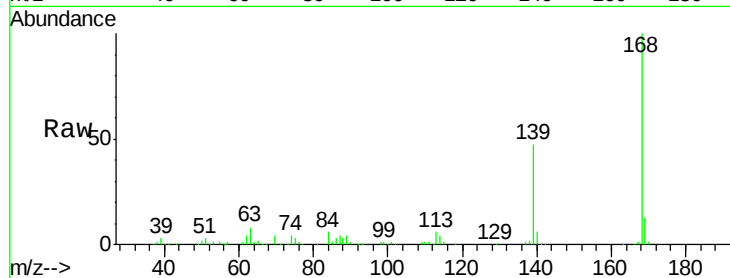
Tot Ion:168 Resp: 293400

Ion Ratio Lower Upper

168 100

139 46.8 34.2 51.4

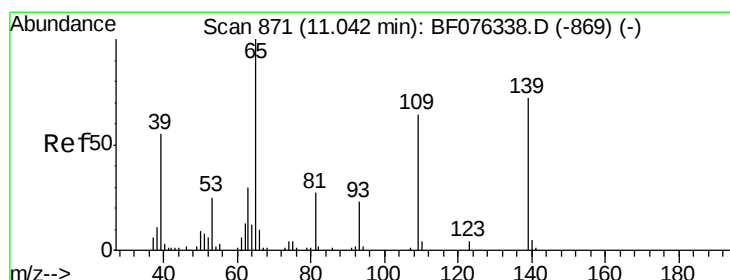
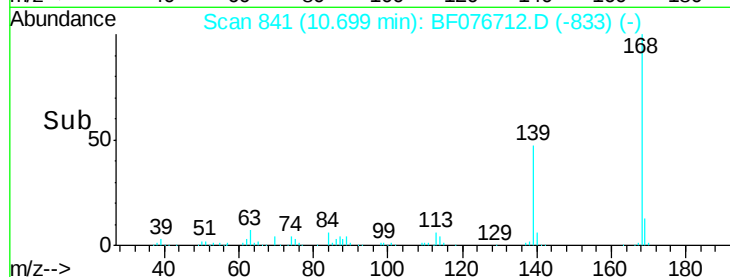
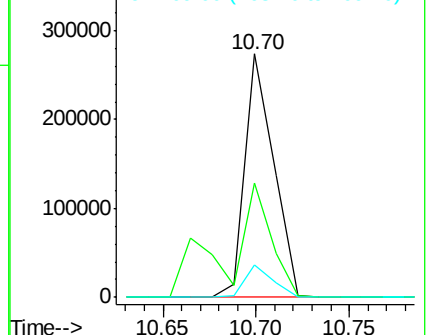
169 13.4 10.6 16.0



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: 82.17 ng m

RT: 10.66 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

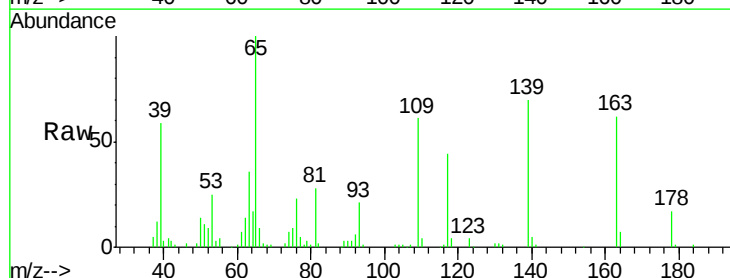
Tgt Ion:139 Resp: 88589

Ion Ratio Lower Upper

139 100

109 86.2 69.1 109.1

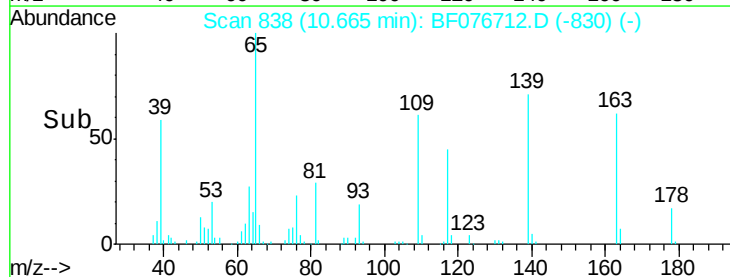
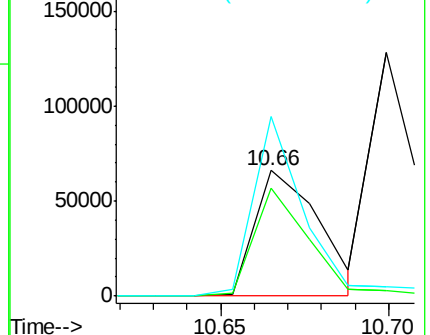
65 142.5 119.8 159.8

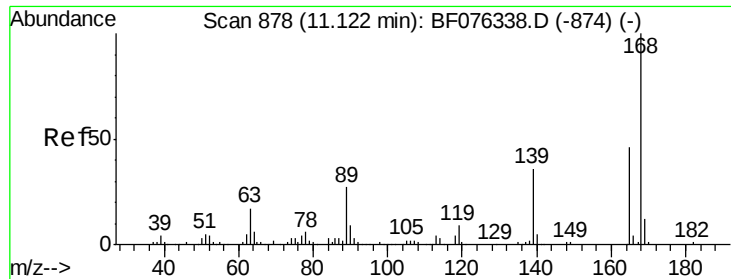


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 48.92 ng

RT: 10.72 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

Tot Ion:165 Resp: 80741

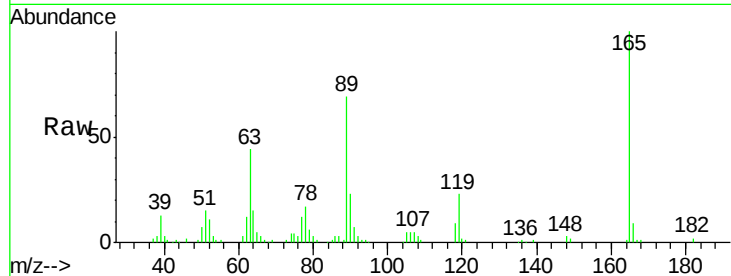
Ion Ratio Lower Upper

165 100

63 44.3 30.2 45.2

89 68.9 46.8 70.2

182 2.3 1.8 2.6

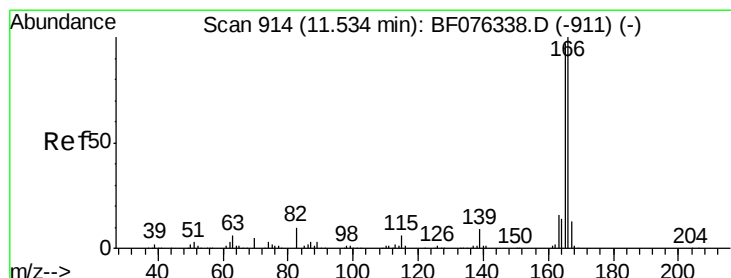
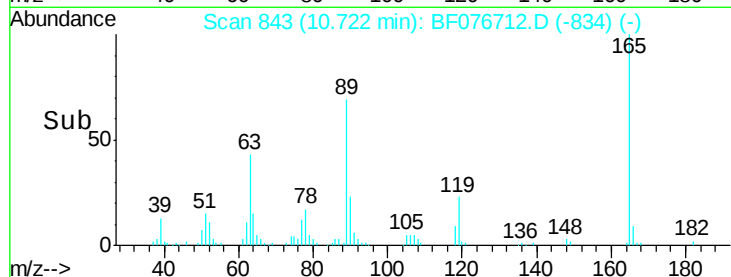
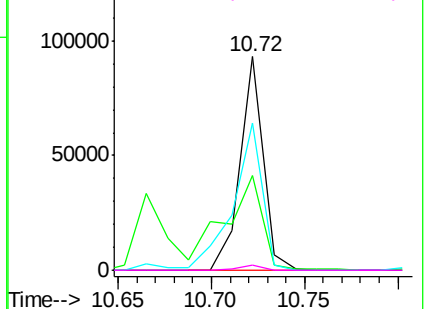


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.45 ng

RT: 11.12 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

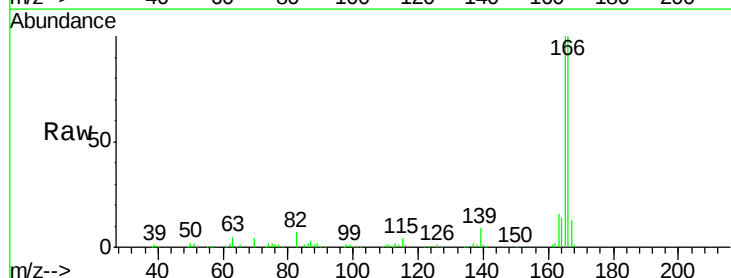
Tgt Ion:166 Resp: 255755

Ion Ratio Lower Upper

166 100

165 99.8 77.9 116.9

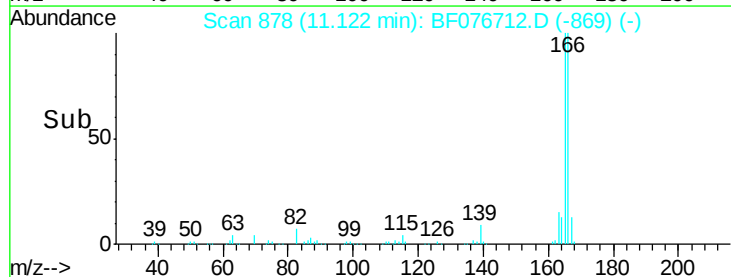
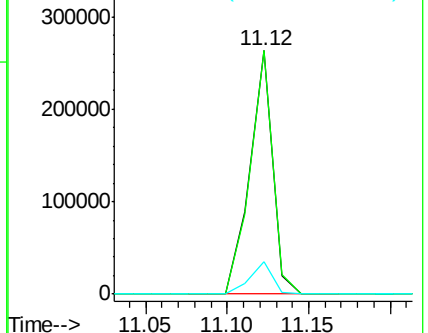
167 13.1 10.6 15.8

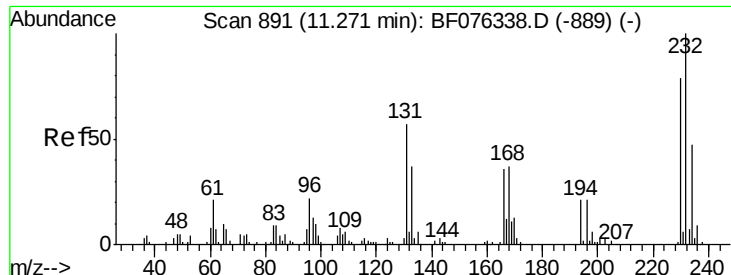


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

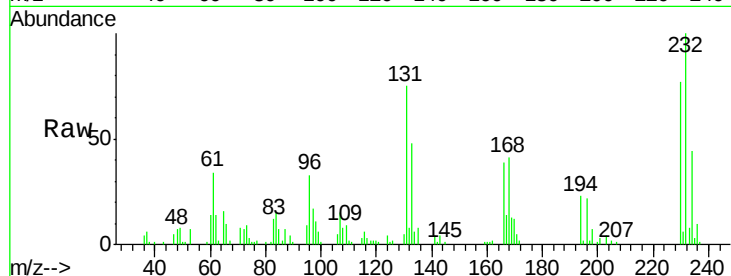




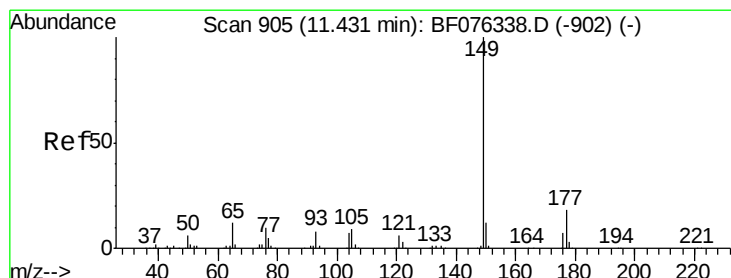
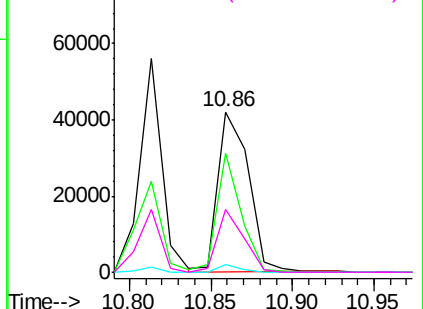
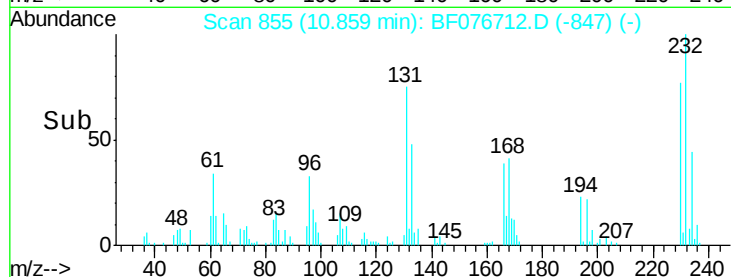
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.23 ng
 RT: 10.86 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

Tot Ion:232 Resp: 53960
 Ion Ratio Lower Upper
 232 100
 131 59.2 0.0 0.0#
 130 3.2 0.0 0.0#
 166 33.8 0.0 0.0#

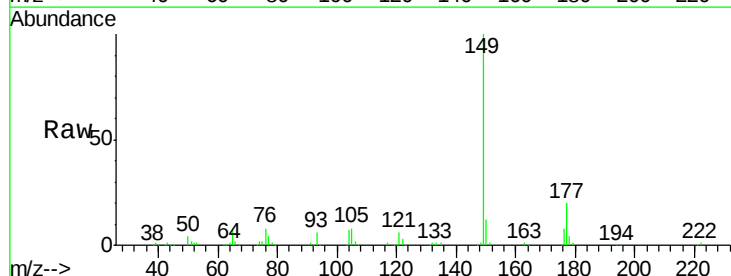


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

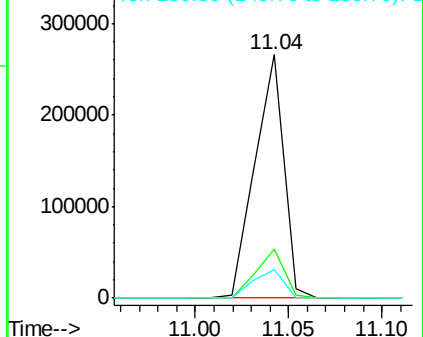
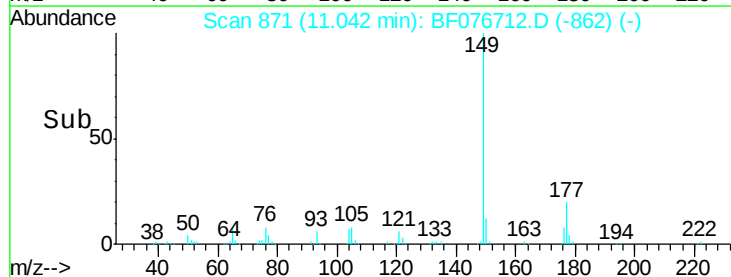


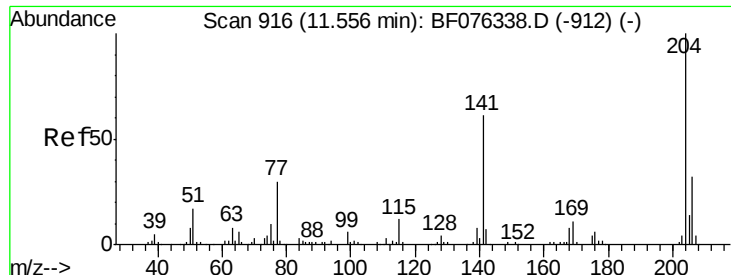
#59
 Diethylphthalate
 Concen: 45.87 ng
 RT: 11.04 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion:149 Resp: 283178
 Ion Ratio Lower Upper
 149 100
 177 20.4 14.7 22.1
 150 11.7 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

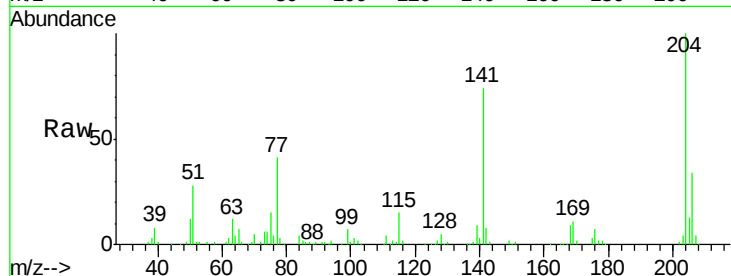




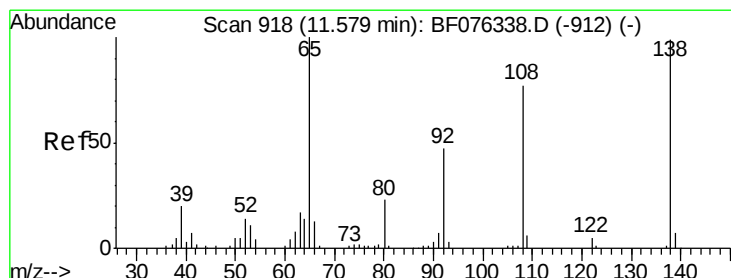
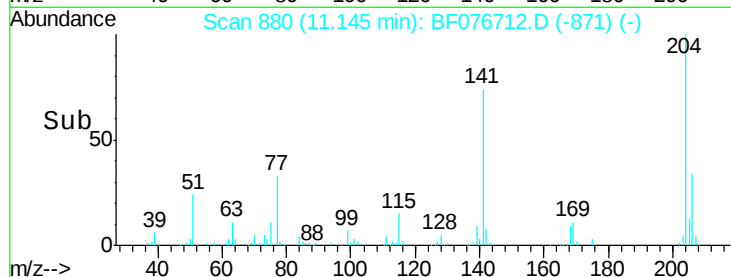
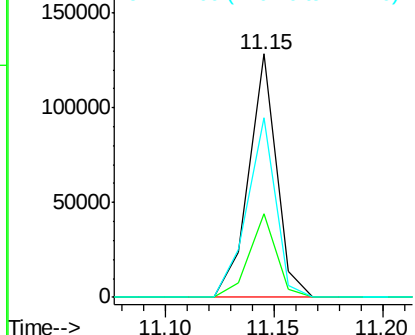
#60
4-Chlorophenyl-phenylether
Concen: 44.63 ng
RT: 11.15 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:204 Resp: 113693
Ion Ratio Lower Upper
204 100
206 34.4 25.6 38.4
141 73.9 48.5 72.7#

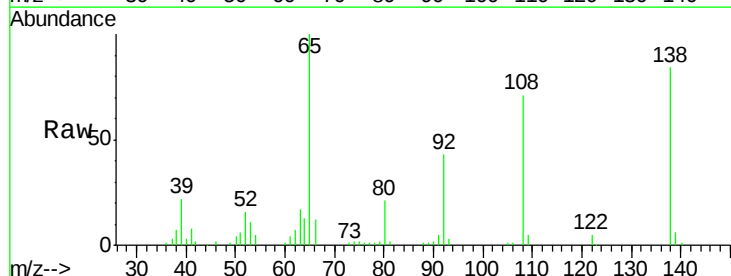


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

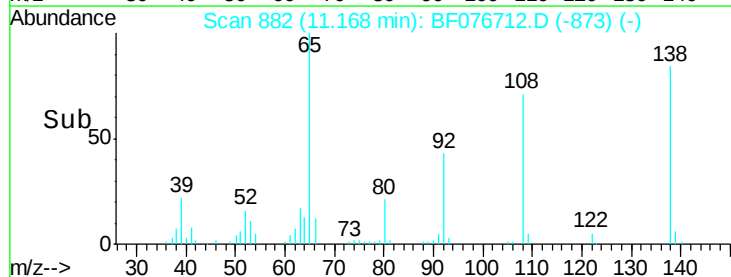
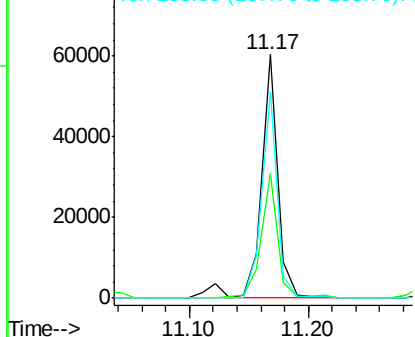


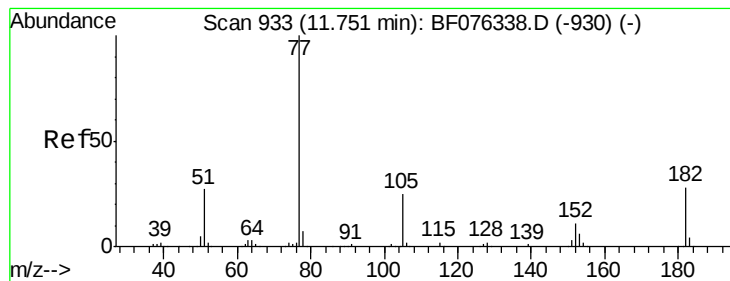
#61
4-Nitroaniline
Concen: 40.51 ng
RT: 11.17 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:138 Resp: 59868
Ion Ratio Lower Upper
138 100
92 51.1 27.7 67.7
108 85.0 57.5 97.5



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





#62

Azobenzene

Concen: 44.53 ng

RT: 11.34 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

Tot Ion: 77 Resp: 270886

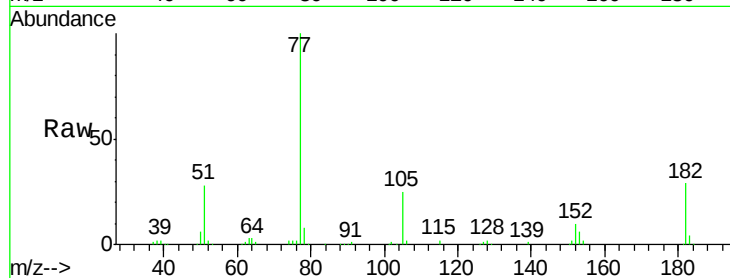
Ion Ratio Lower Upper

77 100

182 29.1 8.3 48.3

105 24.9 4.6 44.6

51 28.3 7.6 47.6

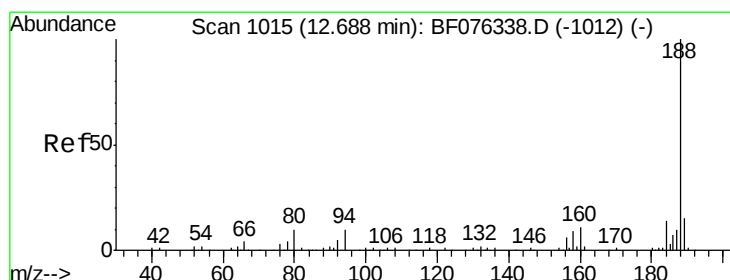
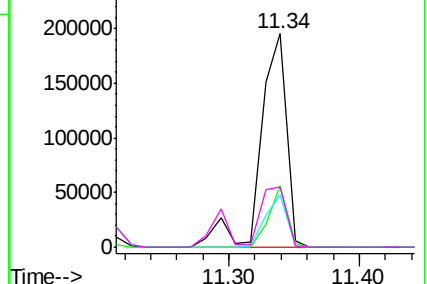
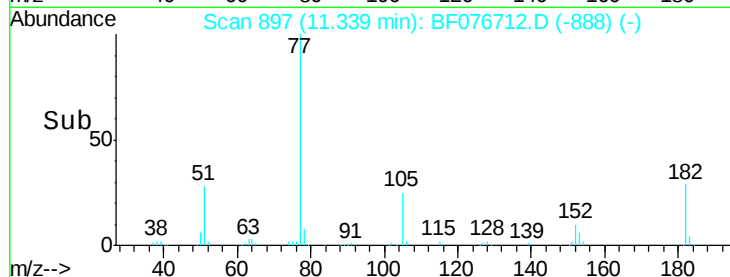


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.25 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

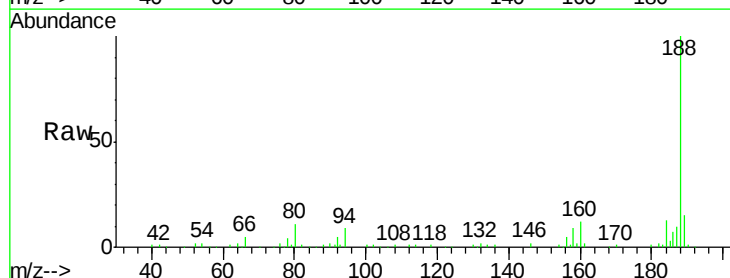
Tgt Ion: 188 Resp: 141035

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

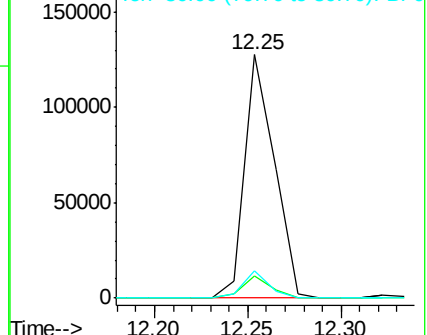
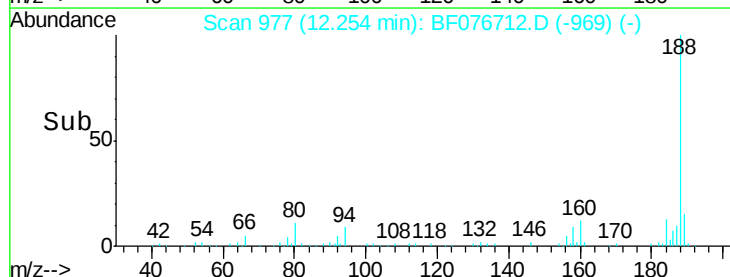
80 11.3 8.2 12.2

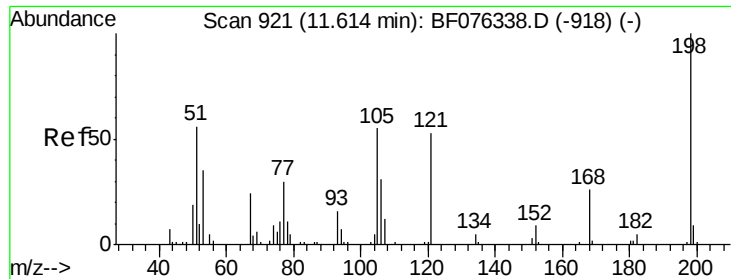


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

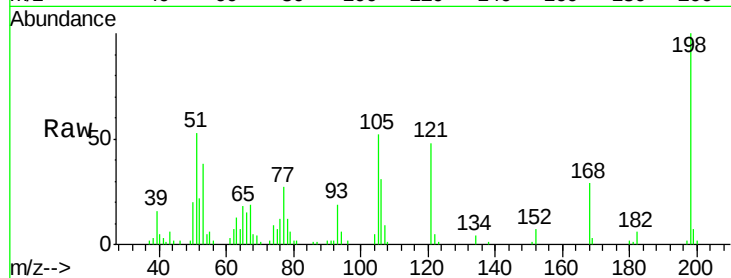




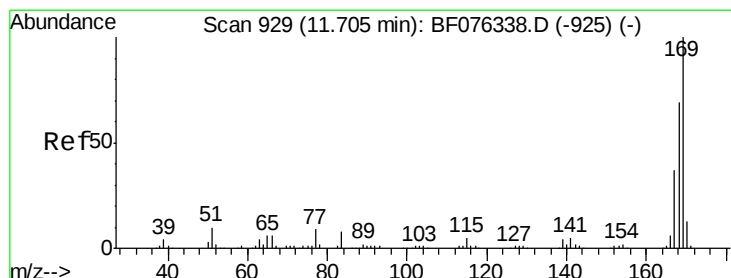
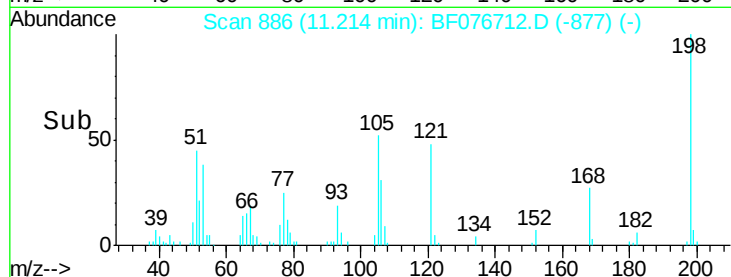
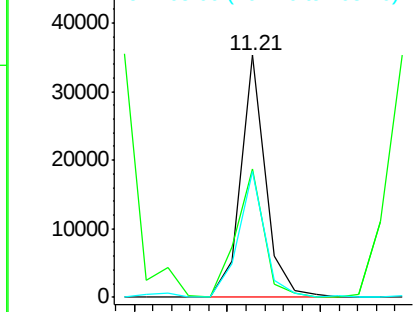
#64
4,6-Dinitro-2-methylphenol
Concen: 37.16 ng
RT: 11.21 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:198 Resp: 32785
Ion Ratio Lower Upper
198 100
51 53.2 45.3 85.3
105 52.2 36.3 76.3

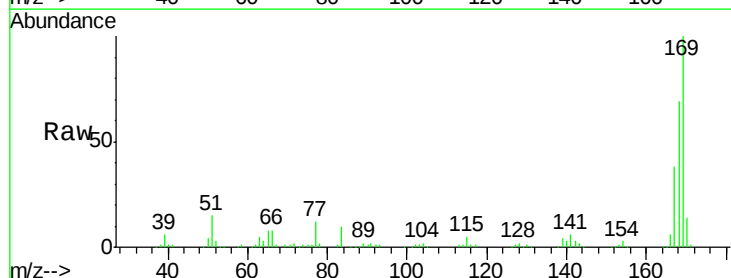


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

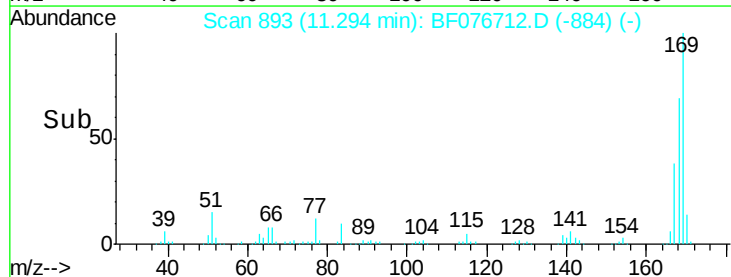
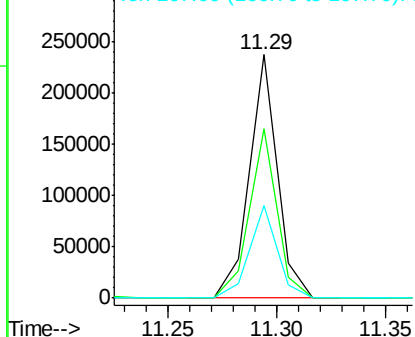


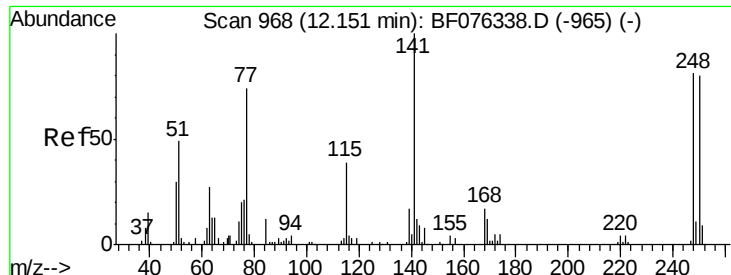
#65
n-Nitrosodiphenylamine
Concen: 42.69 ng
RT: 11.29 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:169 Resp: 211511
Ion Ratio Lower Upper
169 100
168 69.4 55.2 82.8
167 37.8 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

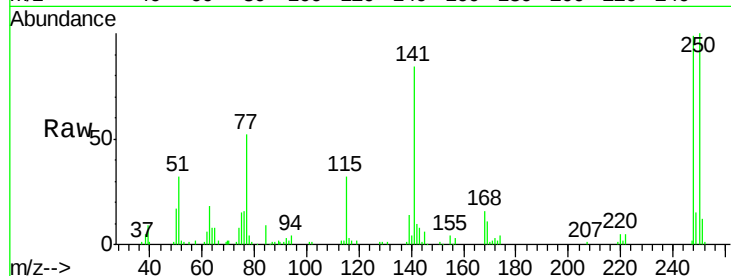




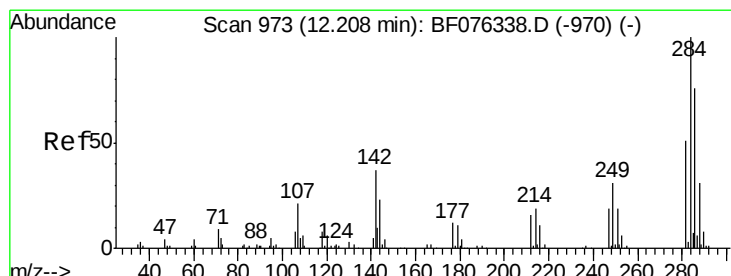
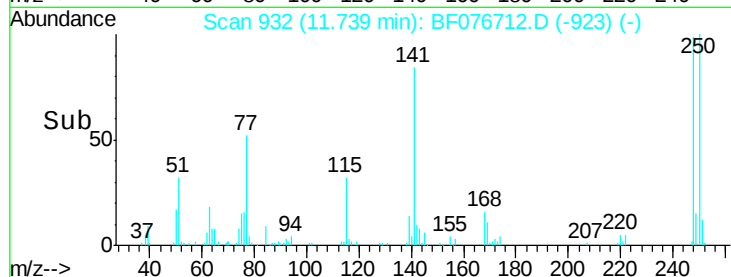
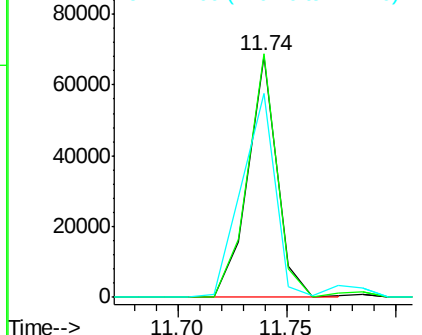
#66
4-Bromophenyl-phenylether
Concen: 46.41 ng
RT: 11.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:248 Resp: 63755
Ion Ratio Lower Upper
248 100
250 101.0 78.4 117.6
141 84.5 98.5 147.7#

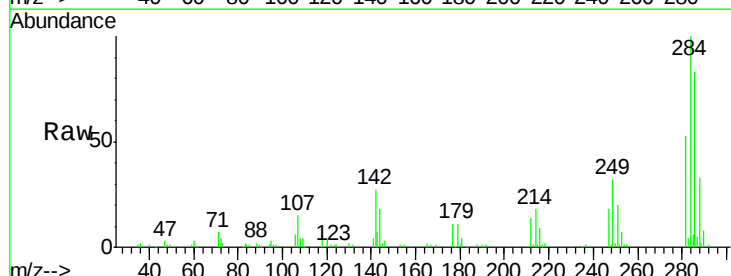


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

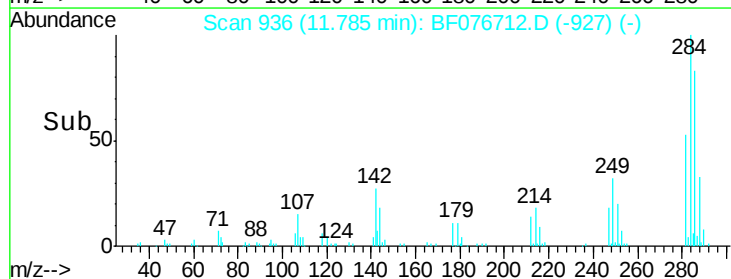
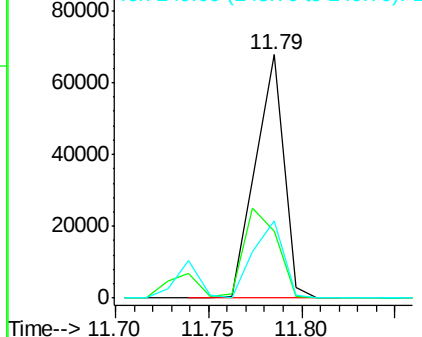


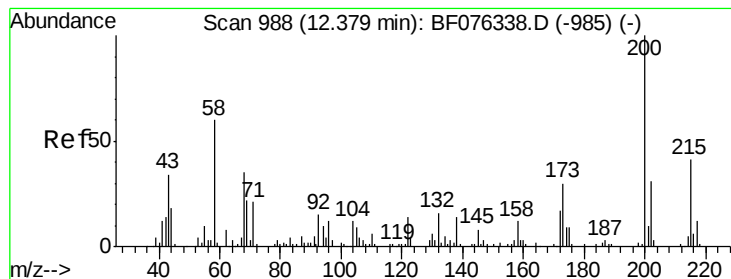
#67
Hexachlorobenzene
Concen: 44.47 ng
RT: 11.79 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:284 Resp: 71303
Ion Ratio Lower Upper
284 100
142 27.3 30.0 45.0#
249 31.9 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: 49.91 ng

RT: 11.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

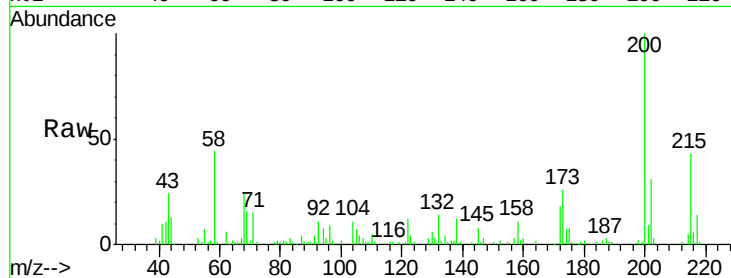
Tot Ion:200 Resp: 73881

Ion Ratio Lower Upper

200 100

173 25.7 10.0 50.0

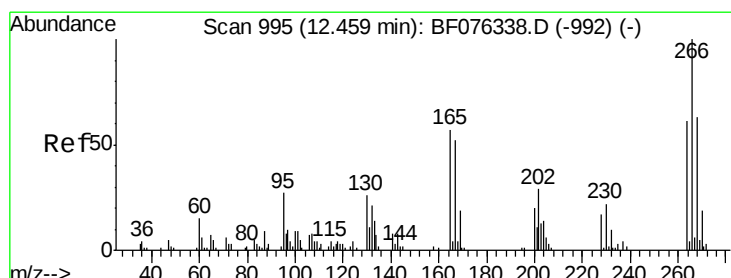
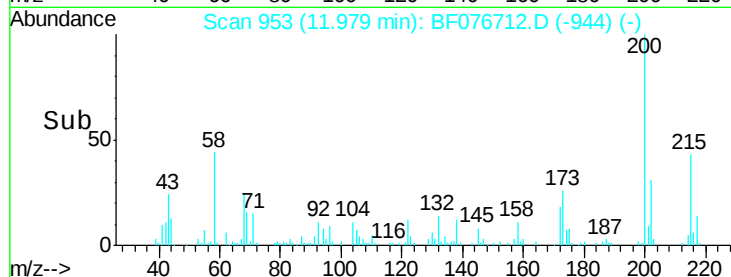
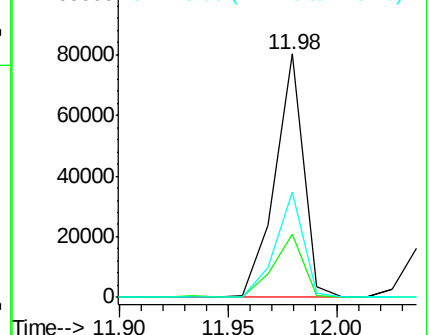
215 43.3 21.4 61.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 98.71 ng

RT: 12.04 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

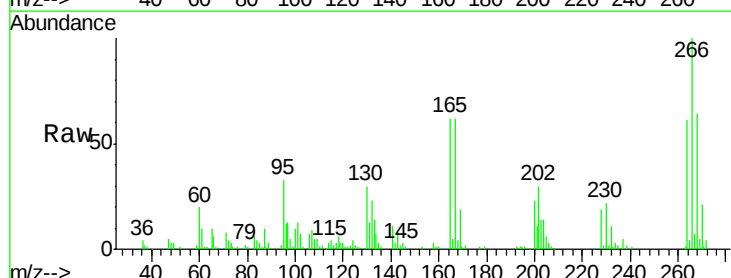
Tgt Ion:266 Resp: 77477

Ion Ratio Lower Upper

266 100

268 63.7 50.7 76.1

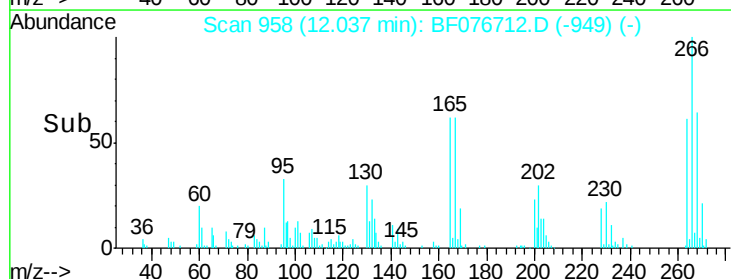
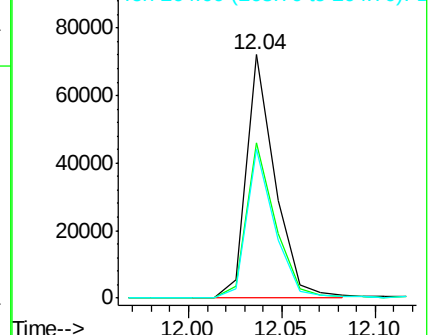
264 61.0 48.7 73.1

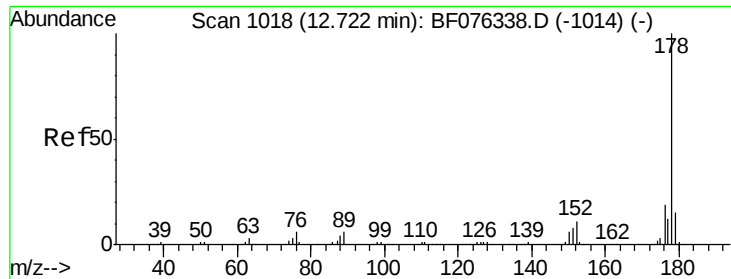


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

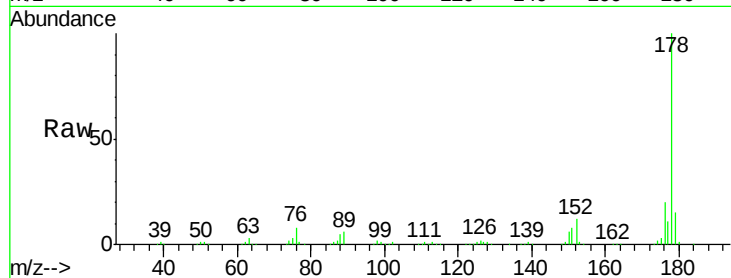




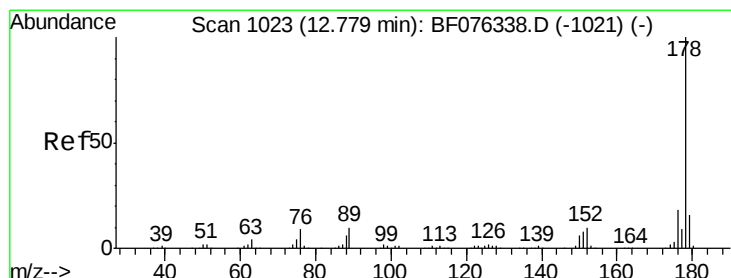
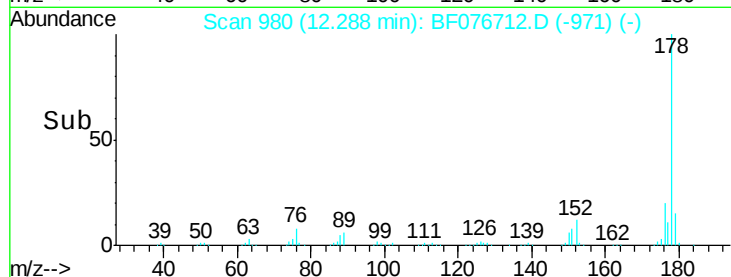
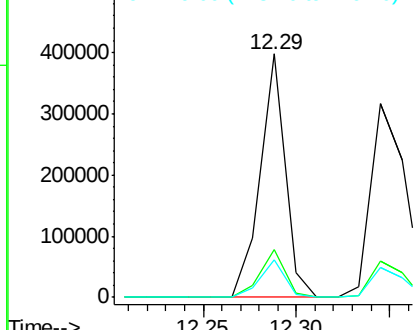
#70
Phenanthrene
Concen: 43.28 ng
RT: 12.29 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:178 Resp: 368311
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 12.2 18.4

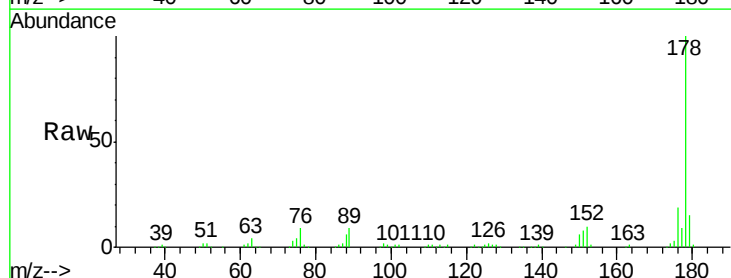


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

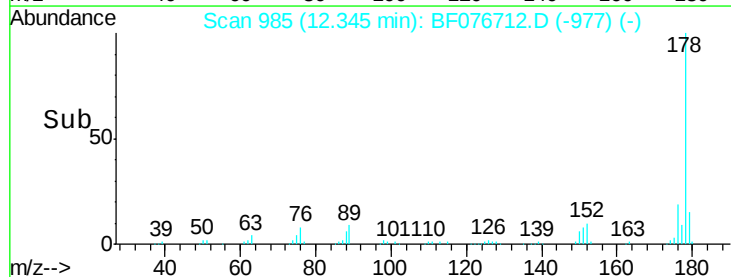
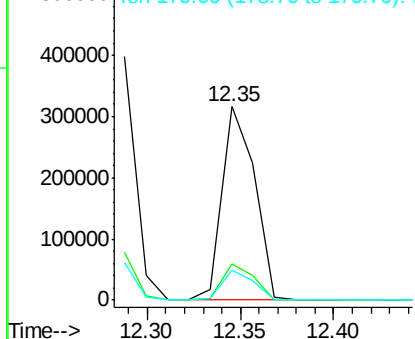


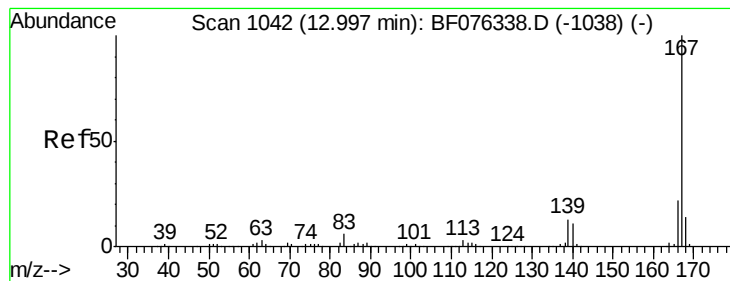
#71
Anthracene
Concen: 46.40 ng
RT: 12.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:178 Resp: 387394
Ion Ratio Lower Upper
178 100
176 18.6 14.3 21.5
179 15.2 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: 42.15 ng

RT: 12.56 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

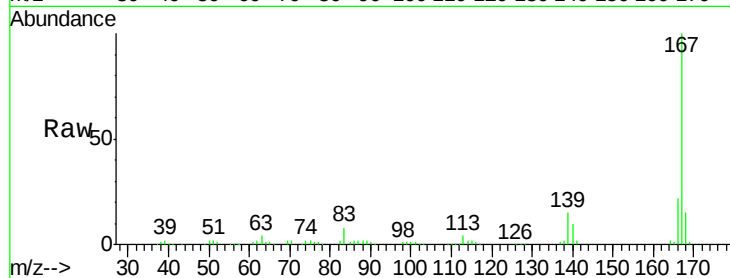
Tot Ion:167 Resp: 341329

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

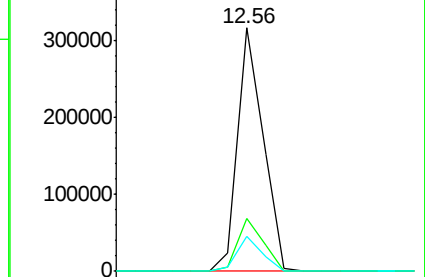
139 14.6 10.6 16.0



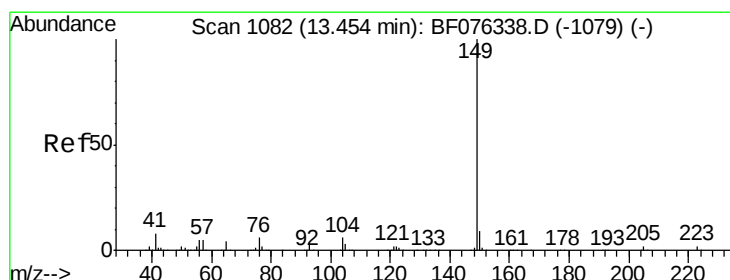
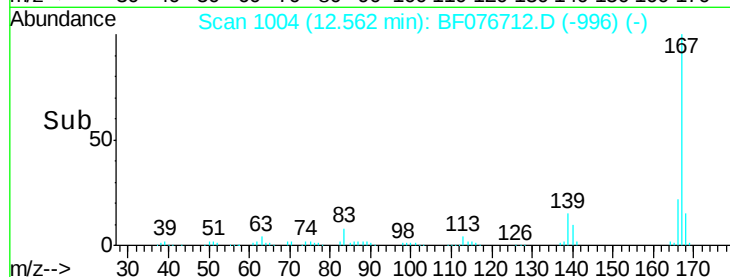
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 47.28 ng

RT: 13.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

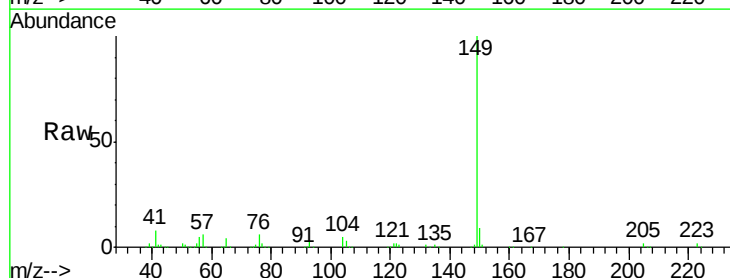
Tgt Ion:149 Resp: 470266

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

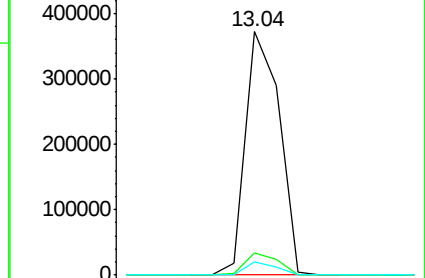
104 5.2 4.5 6.7



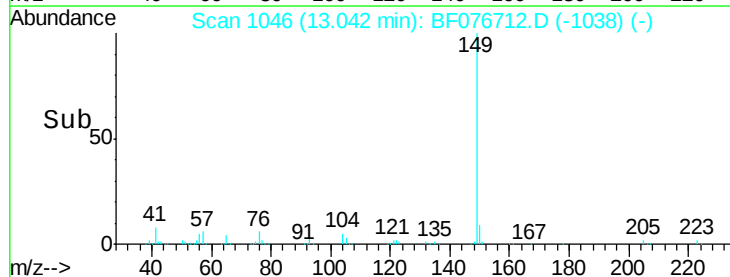
Abundance Ion 149.00 (148.70 to 149.70): E

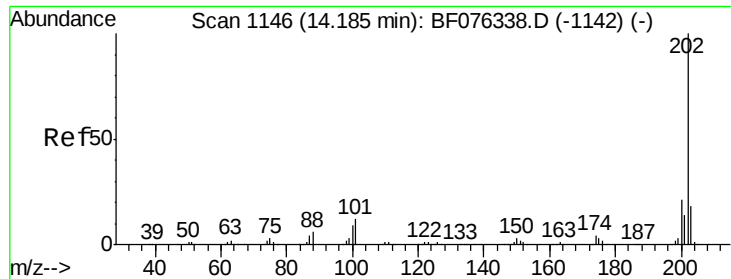
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

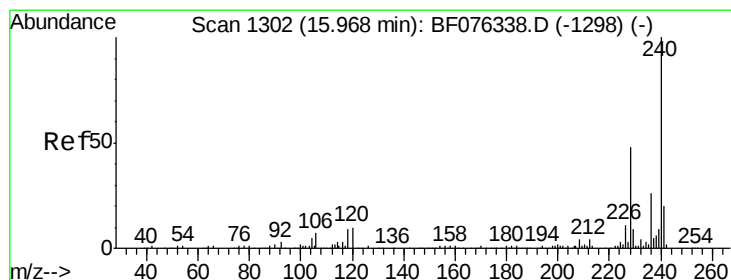
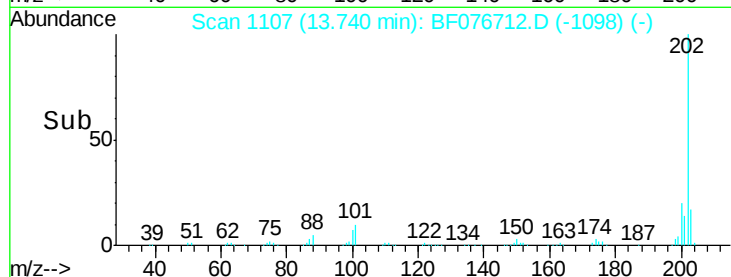
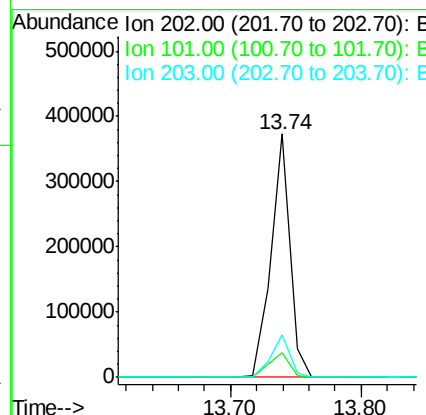
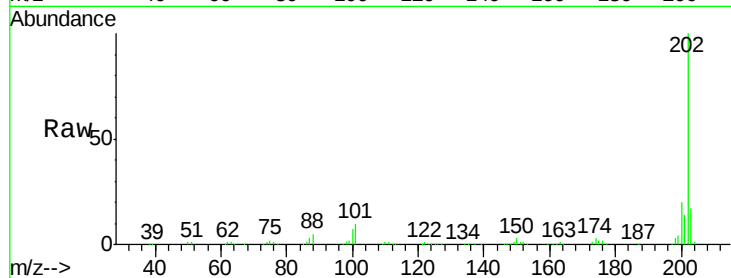




#74
 Fluoranthene
 Concen: 43.99 ng
 RT: 13.74 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

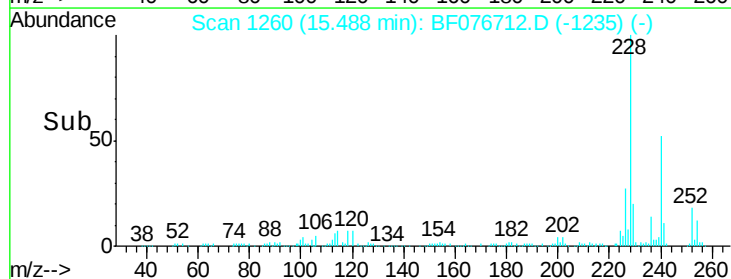
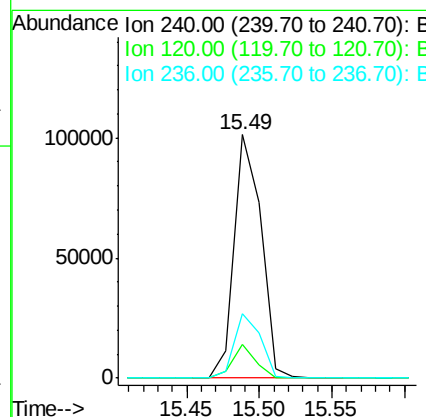
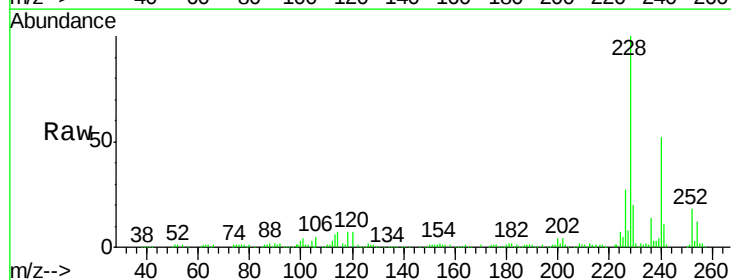
Instrument :
 BNA_F
 ClientSampleId :
 PB81154BS

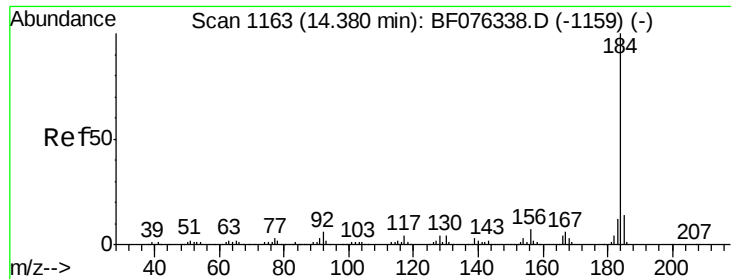
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.3
203	17.5	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF076712.D
 Acq: 31 Dec 2014 20:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.0	12.0#
236	26.4	20.6	30.8

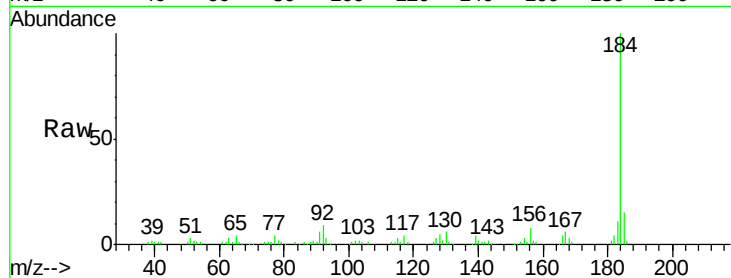




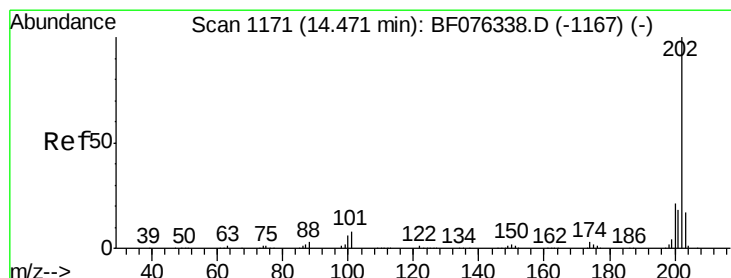
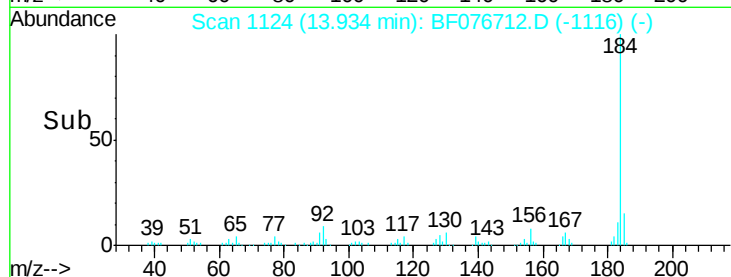
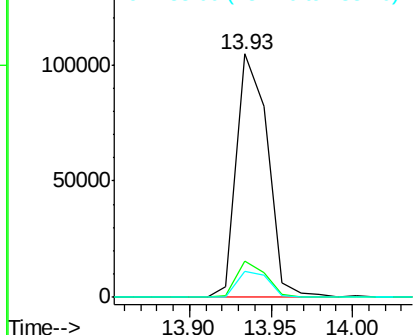
#76
Benzidine
Concen: 25.25 ng
RT: 13.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:184 Resp: 137684
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.0
183 10.9 9.3 13.9

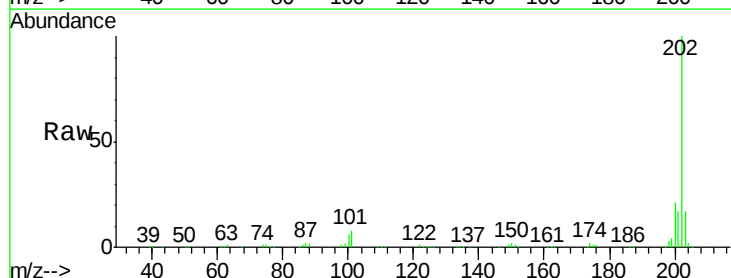


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

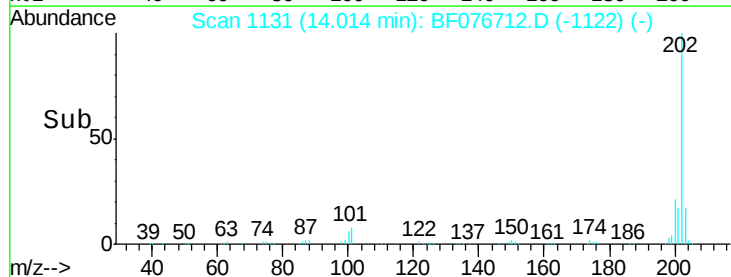
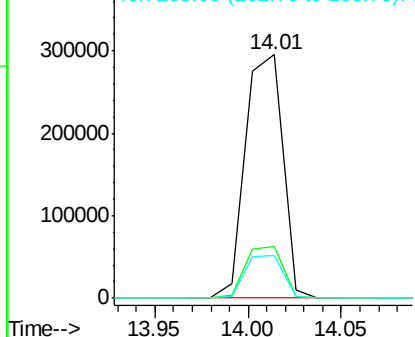


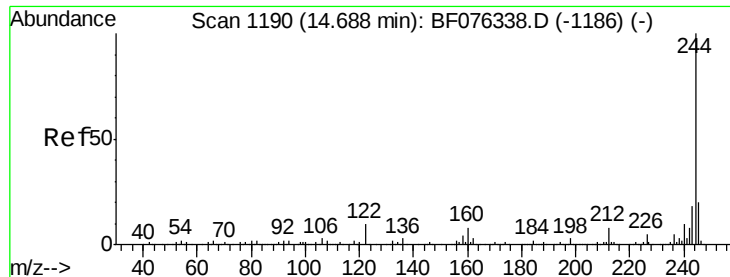
#77
Pyrene
Concen: 44.78 ng
RT: 14.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:202 Resp: 409938
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.4 13.5 20.3



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





#78

Terphenyl-d14

Concen: 82.08 ng

RT: 14.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

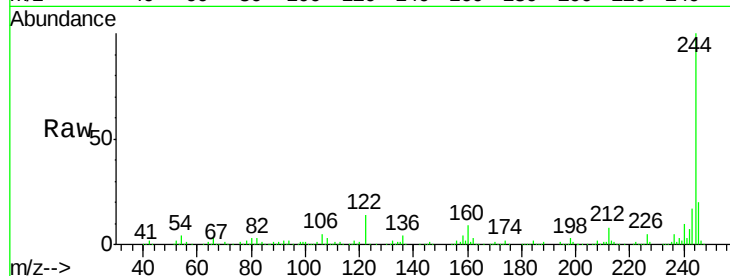
Tot Ion:244 Resp: 486942

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

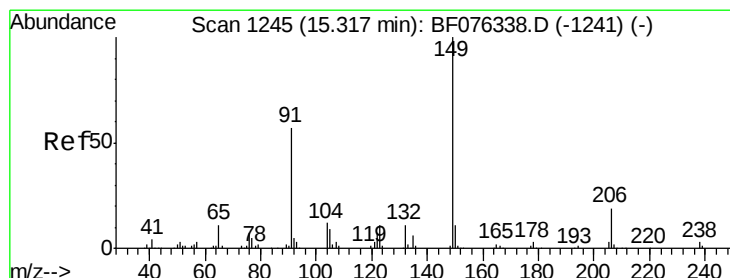
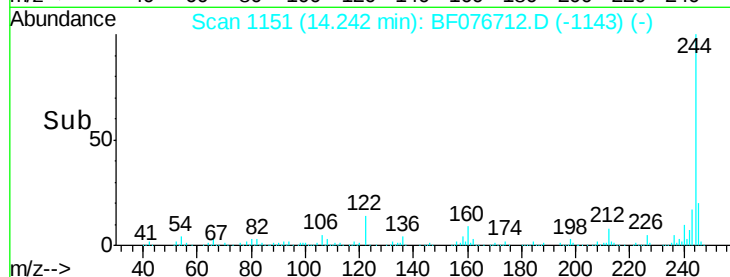
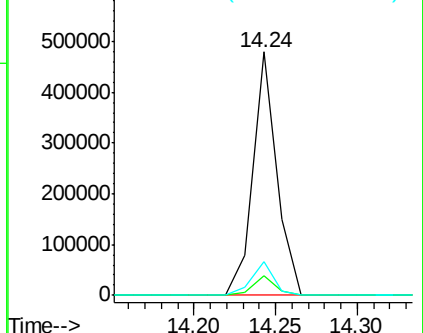
122 13.6 8.2 12.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.11 ng

RT: 14.87 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

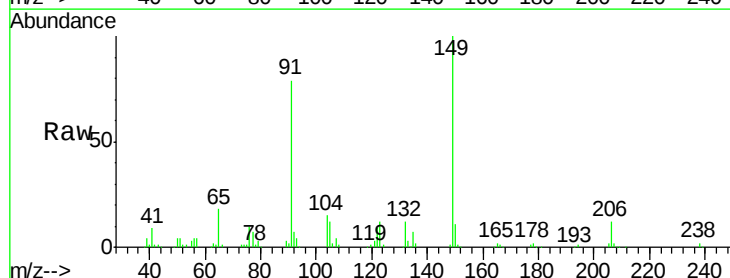
Tgt Ion:149 Resp: 206185

Ion Ratio Lower Upper

149 100

91 78.6 45.9 68.9#

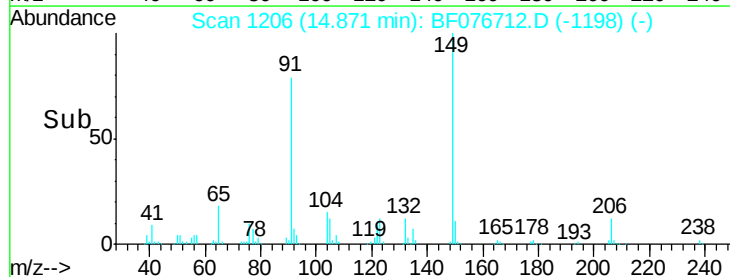
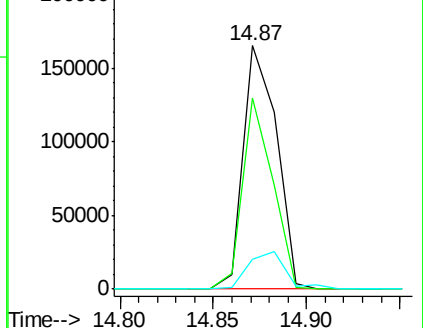
206 12.4 15.1 22.7#

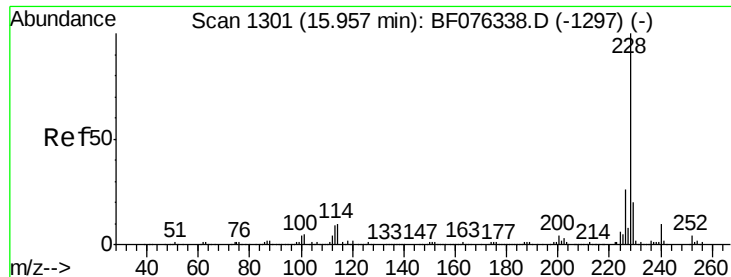


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.42 ng

RT: 15.48 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

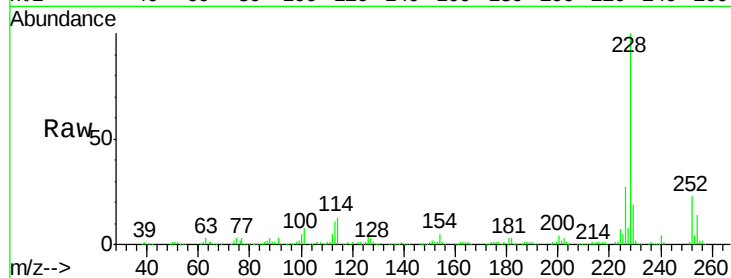
Tot Ion:228 Resp: 361930

Ion Ratio Lower Upper

228 100

226 27.3 20.9 31.3

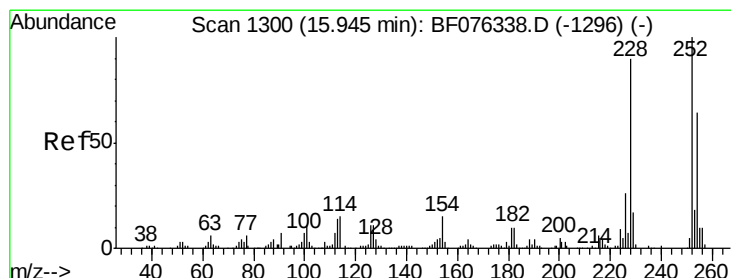
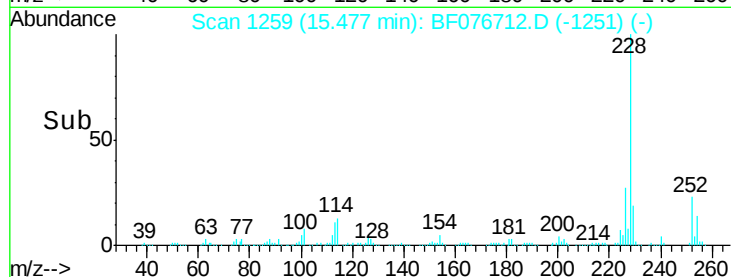
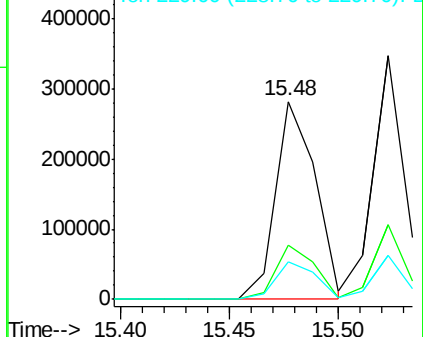
229 19.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 26.32 ng

RT: 15.48 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

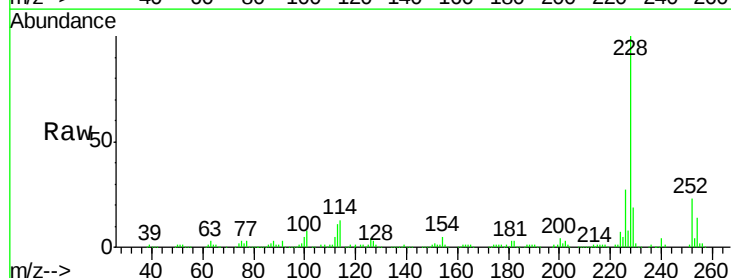
Tgt Ion:252 Resp: 71701

Ion Ratio Lower Upper

252 100

254 61.8 50.9 76.3

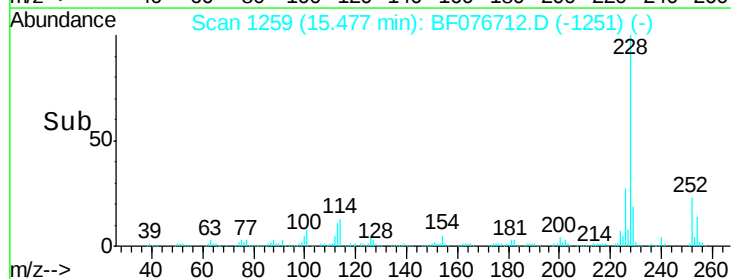
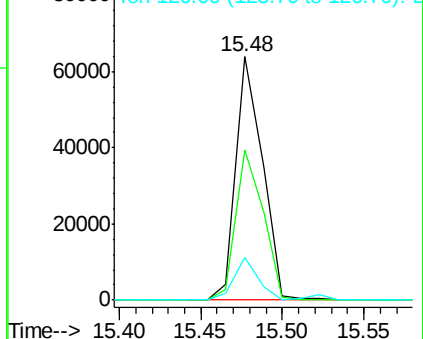
126 17.6 8.4 12.6#

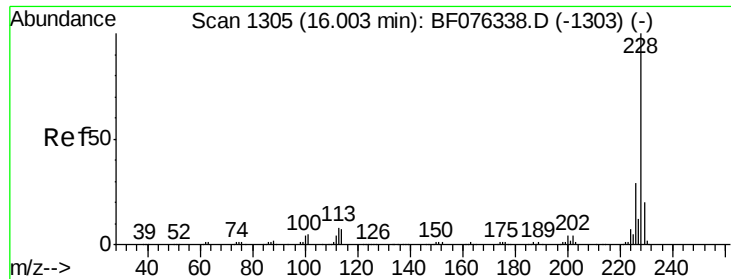


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.92 ng

RT: 15.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

Instrument :

BNA_F

ClientSampleId :

PB81154BS

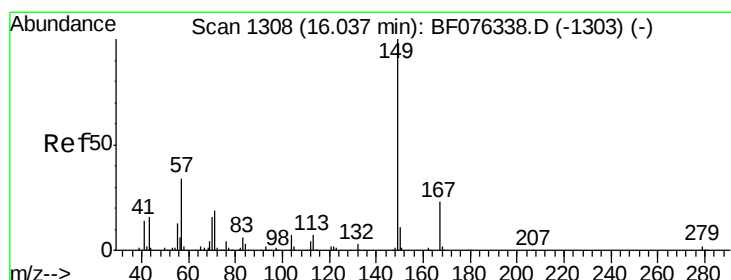
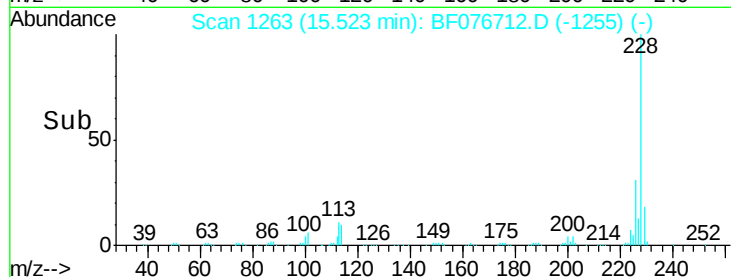
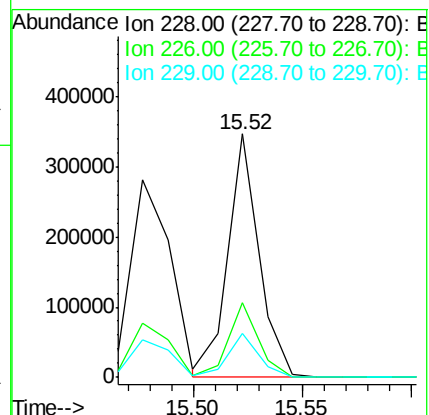
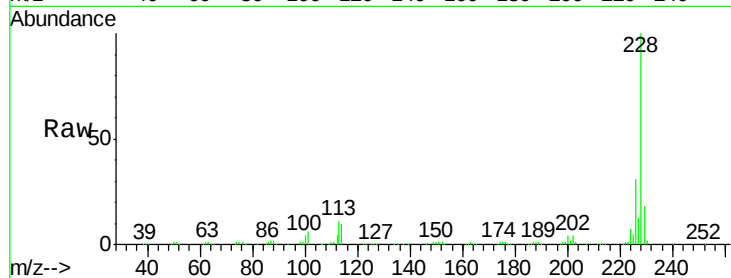
Tot Ion:228 Resp: 342393

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 18.3 15.9 23.9



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.67 ng

RT: 15.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF076712.D

Acq: 31 Dec 2014 20:18

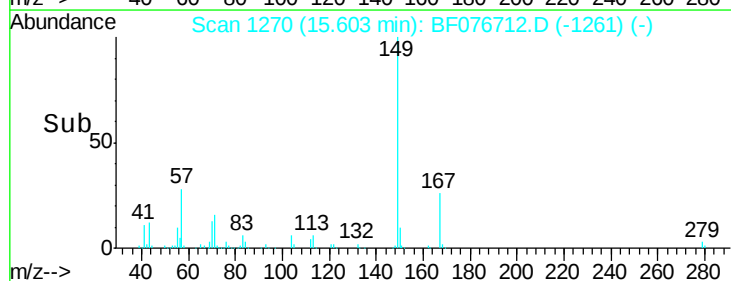
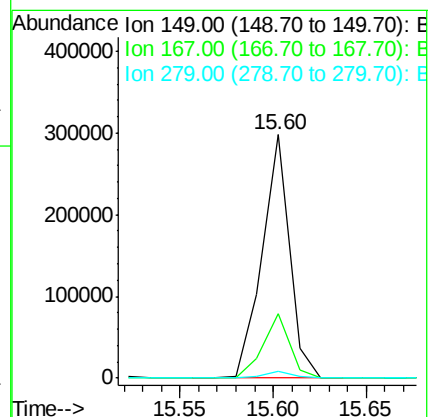
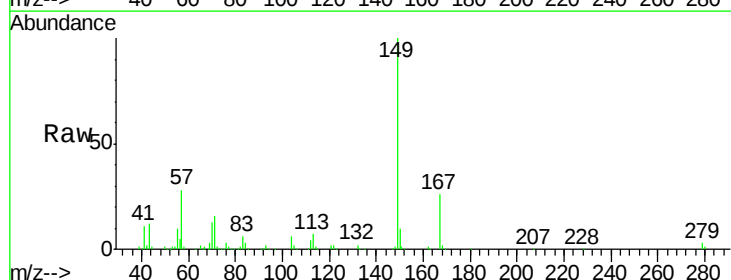
Tgt Ion:149 Resp: 302431

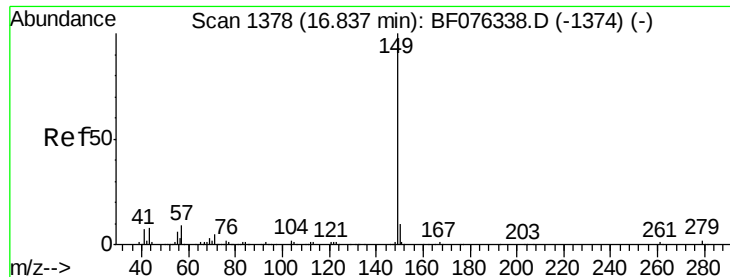
Ion Ratio Lower Upper

149 100

167 26.3 18.7 28.1

279 2.9 1.5 2.3#

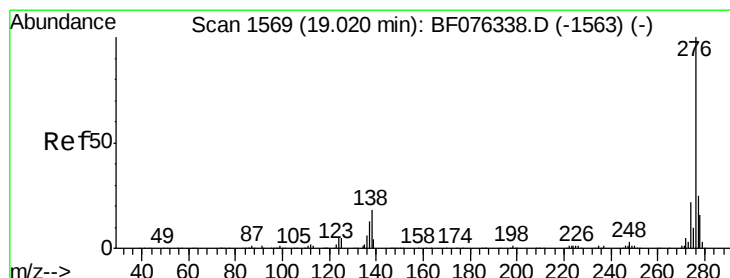
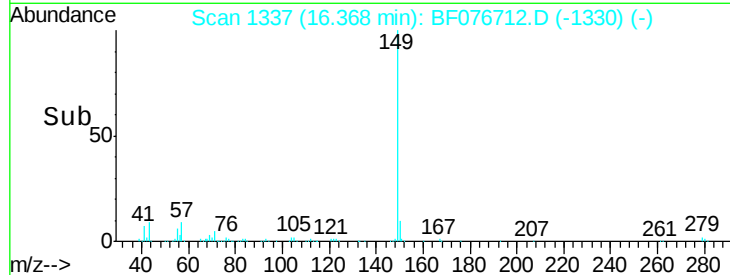
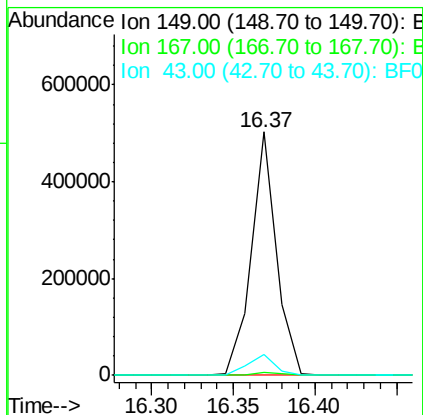
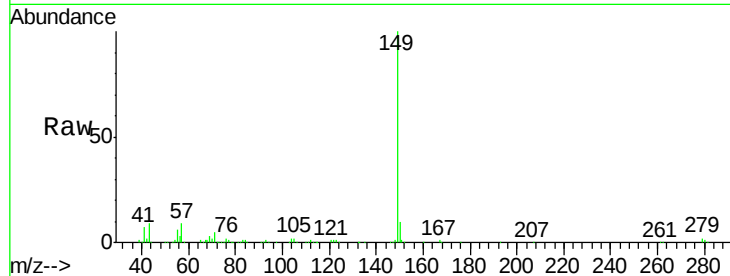




#84
Di-n-octyl phthalate
Concen: 47.71 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

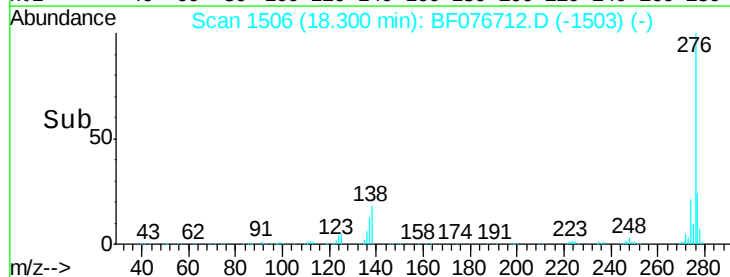
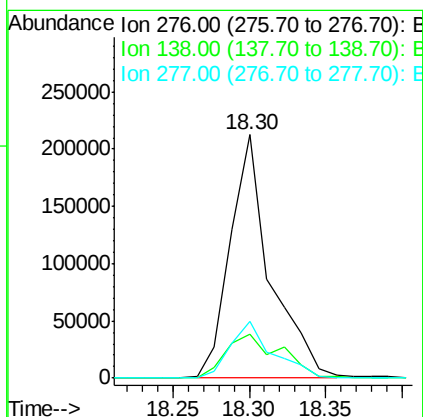
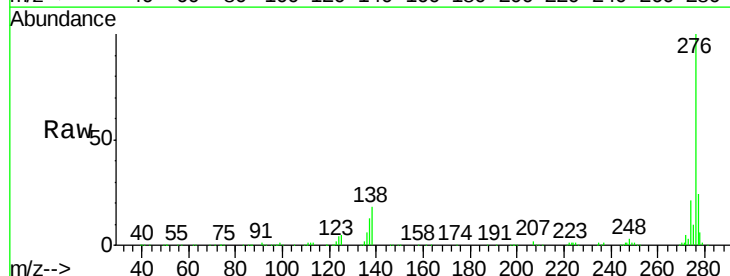
Instrument :
BNA_F
ClientSampleId :
PB81154BS

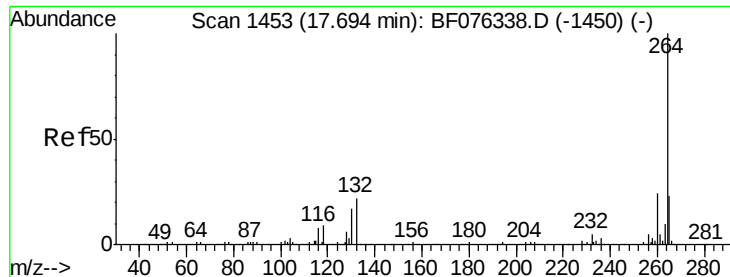
Tot Ion:149 Resp: 539389
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 9.2 7.1 10.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 47.74 ng m
RT: 18.30 min Scan# 1506
Delta R.T. -0.07 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:276 Resp: 390674
Ion Ratio Lower Upper
276 100
138 23.4 19.1 28.7
277 23.8 18.7 28.1

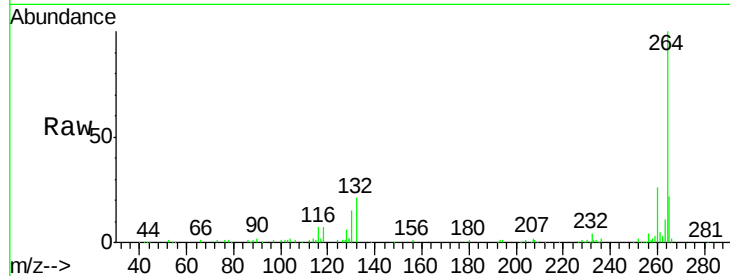




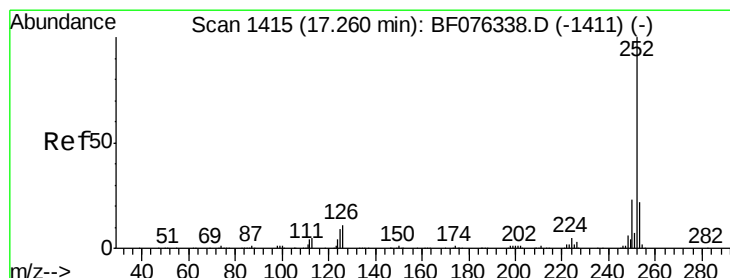
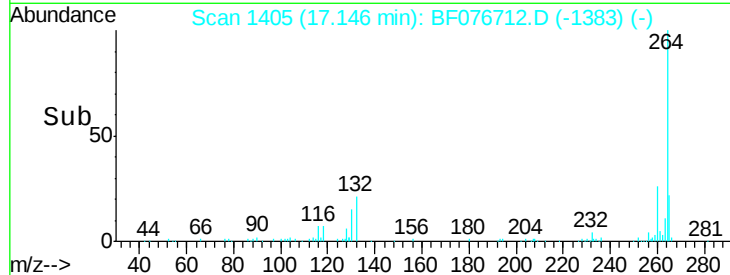
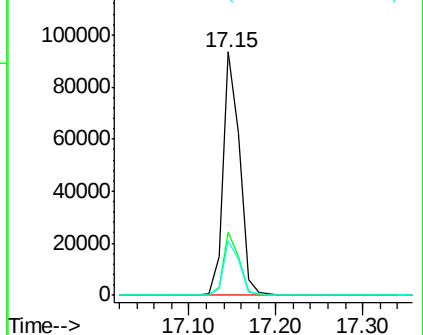
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.15 min Scan# 1405
Delta R.T. -0.05 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampleId :
PB81154BS

Tot Ion:264 Resp: 123972
Ion Ratio Lower Upper
264 100
260 25.9 19.4 29.2
265 22.3 18.1 27.1

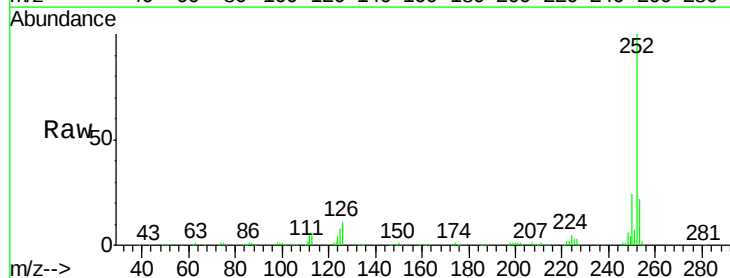


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

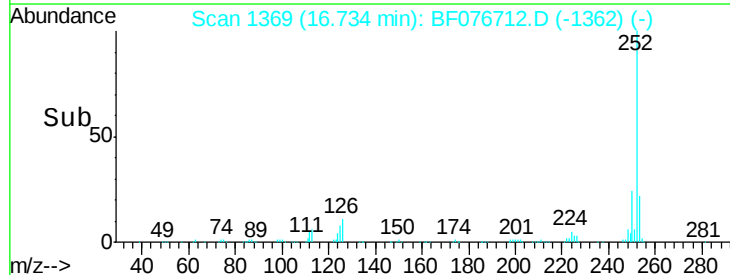
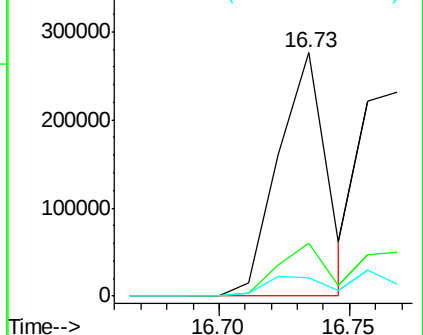


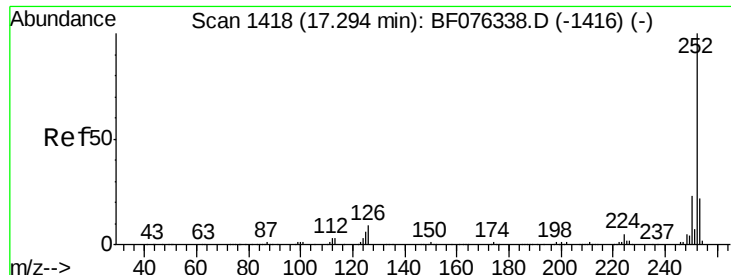
#87
Benzo(b)fluoranthene
Concen: 42.99 ng
RT: 16.73 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:252 Resp: 351597
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.6 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

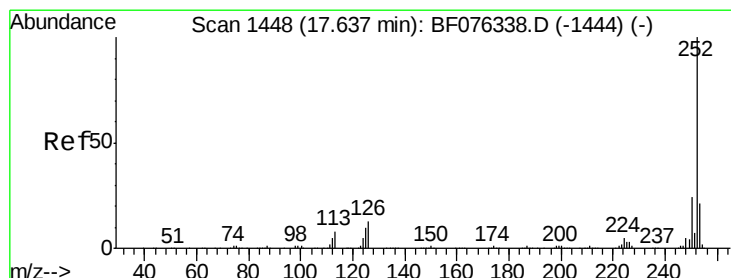
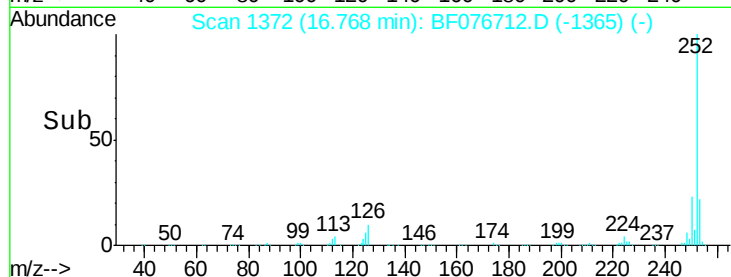
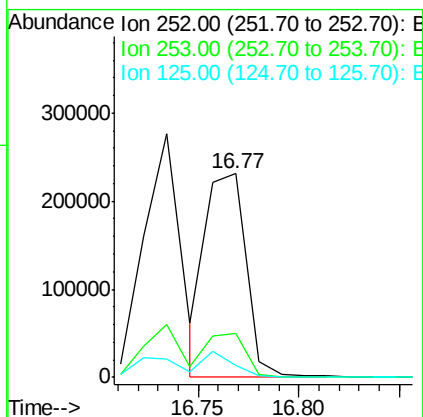
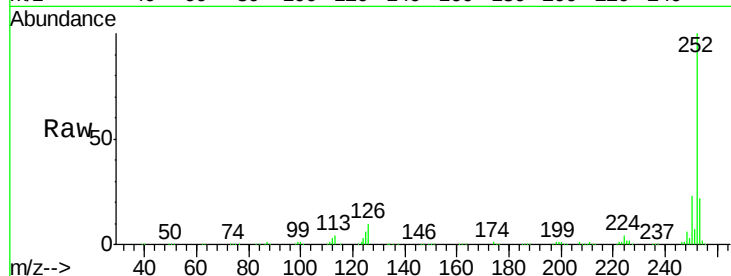




#88
Benzo(k)fluoranthene
Concen: 42.98 ng m
RT: 16.77 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

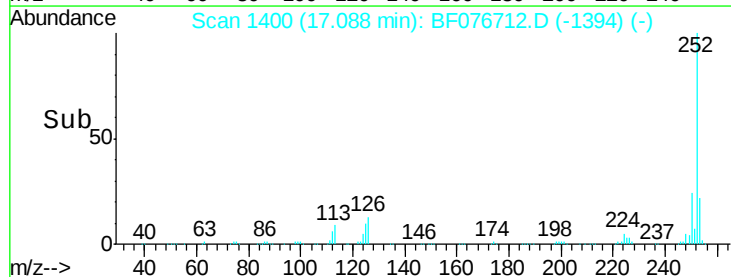
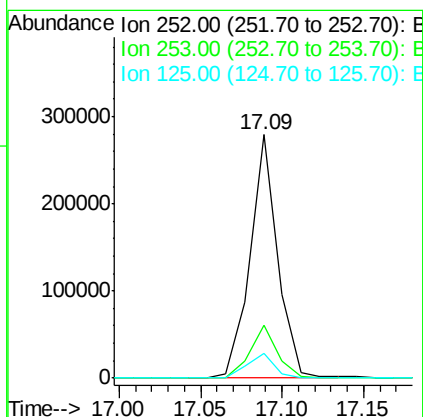
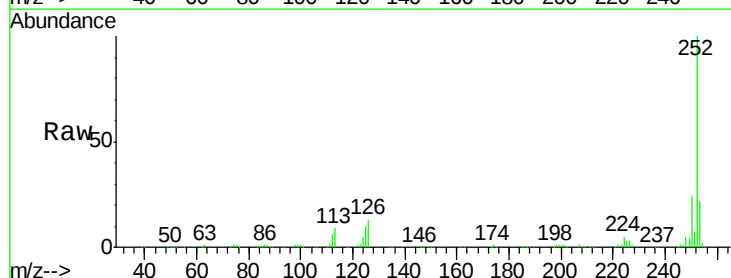
Instrument :
BNA_F
ClientSampleId :
PB81154BS

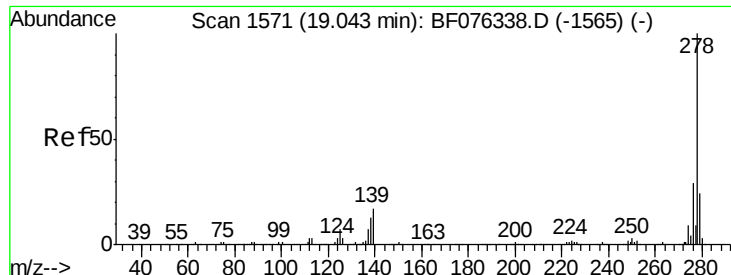
Tot Ion:252 Resp: 327396
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 5.8 5.4 8.2



#89
Benzo(a)pyrene
Concen: 44.77 ng
RT: 17.09 min Scan# 1400
Delta R.T. -0.03 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:252 Resp: 326721
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 10.4 8.2 12.2

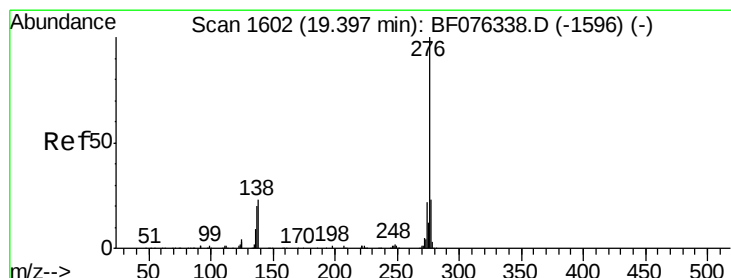
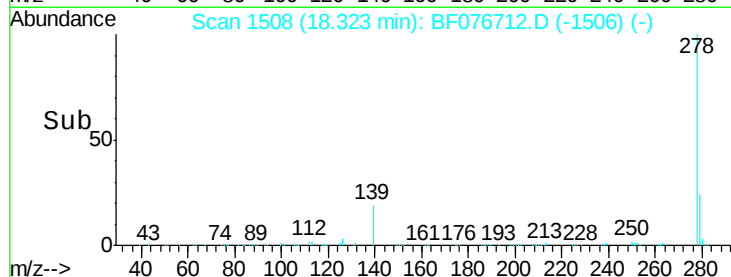
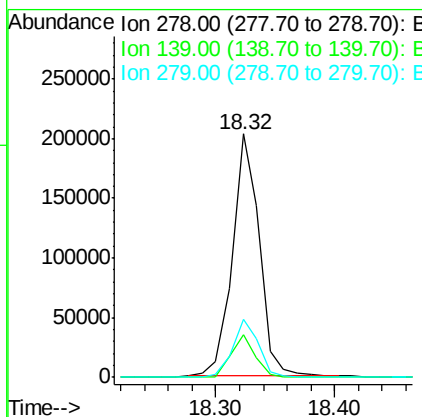
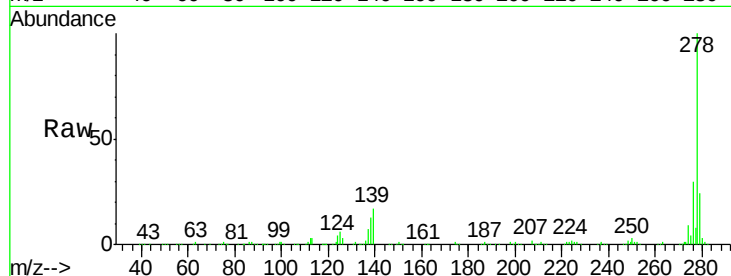




#90
Dibenzo(a,h)anthracene
Concen: 44.22 ng
RT: 18.32 min Scan# 1508
Delta R.T. -0.08 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Instrument :
BNA_F
ClientSampled :
PB81154BS

Tot Ion:278 Resp: 319846
Ion Ratio Lower Upper
278 100
139 17.4 13.8 20.8
279 23.6 19.0 28.6



#91
Benzo(g,h,i)perylene
Concen: 46.04 ng
RT: 18.61 min Scan# 1533
Delta R.T. -0.08 min
Lab File: BF076712.D
Acq: 31 Dec 2014 20:18

Tgt Ion:276 Resp: 324041
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 21.1 18.2 27.4

