

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076848.D
 Acq On : 13 Jan 2015 18:01
 Operator : IZ / TP
 Sample : G1062-01MSD
 Misc : S
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

Quant Time: Jan 14 10:46:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	32559	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	137998	20.00	ng	-0.03
38) Acenaphthene-d10	15.09	164	74772	20.00	ng	-0.05
63) Phenanthrene-d10	17.82	188	123116	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	122391	20.00	ng	-0.05
86) Perylene-d12	22.97	264	105673	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	163299	83.69	ng	-0.05
7) Phenol-d6	7.45	99	205473	83.65	ng	-0.05
23) Nitrobenzene-d5	9.35	82	124230	50.03	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	48156	77.16	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	240351	47.31	ng	-0.05
78) Terphenyl-d14	20.04	244	233172	41.83	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.34	88	19842	23.85	ng	94
3) Pyridine	1.85	79	41792	18.87	ng	94
4) n-Nitrosodimethylamine	1.80	42	26099	23.44	ng	82
6) Aniline	7.34	93	52202	15.39	ng	99
8) 2-Chlorophenol	7.59	128	57289	24.83	ng	95
9) Benzaldehyde	7.06	77	24067	16.51	ng	96
10) Phenol	7.49	94	74781	27.94	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	54525	25.42	ng	90
12) 1,3-Dichlorobenzene	7.90	146	62396	24.36	ng	99
13) 1,4-Dichlorobenzene	8.09	146	63781	23.74	ng	96
14) 1,2-Dichlorobenzene	8.41	146	61311	24.49	ng	99
15) Benzyl Alcohol	8.48	79	50482	24.70	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.84	45	69525	24.13	ng	# 67
17) 2-Methylphenol	8.84	107	45698	24.74	ng	92
18) Hexachloroethane	9.16	117	24244	24.96	ng	95
19) n-Nitroso-di-n-propylamine	9.11	70	40803	23.38	ng	98
20) 3+4-Methylphenols	9.21	107	60345	24.73	ng	100
22) Acetophenone	9.03	105	85684	25.27	ng	100
24) Nitrobenzene	9.40	77	66422	26.48	ng	96
25) Isophorone	9.99	82	112746	24.97	ng	98
26) 2-Nitrophenol	10.13	139	30981	25.82	ng	91
27) 2,4-Dimethylphenol	10.40	122	50955	26.15	ng	97
28) bis(2-Chloroethoxy)methane	10.61	93	69047	26.03	ng	98
29) 2,4-Dichlorophenol	10.73	162	48910	26.38	ng	97
30) 1,2,4-Trichlorobenzene	10.87	180	50936	24.35	ng	94
31) Naphthalene	11.01	128	172929	24.43	ng	100
32) Benzoic acid	10.70	122	11927	12.54	ng	95
33) 4-Chloroaniline	11.25	127	45261	16.32	ng	97
34) Hexachlorobutadiene	11.37	225	28885	24.14	ng	96
35) Caprolactam	12.04	113	13219	24.01	ng	92
36) 4-Chloro-3-methylphenol	12.54	107	53978	26.24	ng	94
37) 2-Methylnaphthalene	12.67	142	120544	24.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	46482	25.02	ng	97
40) Hexachlorocyclopentadiene	13.04	237	43632	45.47	ng	93

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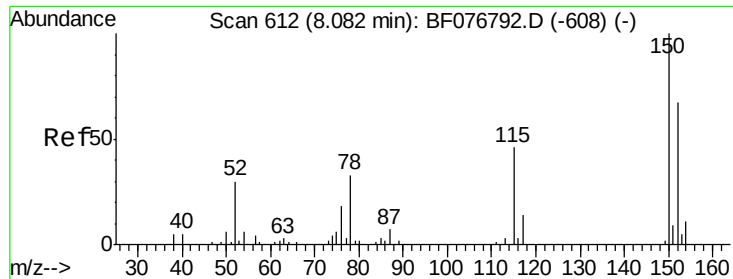
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.40	196	33663	24.95	ng	95
43) 2,4,5-Trichlorophenol	13.49	196	34258	24.15	ng	# 93
45) 1,1'-Biphenyl	13.81	154	138170	24.04	ng	99
46) 2-Chloronaphthalene	13.79	162	111292	24.09	ng	98
47) 2-Nitroaniline	14.12	65	39029	28.35	ng	# 81
48) Acenaphthylene	14.73	152	182053	23.25	ng	100
49) Dimethylphthalate	14.67	163	151950	27.96	ng	100
50) 2,6-Dinitrotoluene	14.77	165	27515	23.88	ng	94
51) Acenaphthene	15.16	154	104598	23.65	ng	97
52) 3-Nitroaniline	15.11	138	24419	18.54	ng	99
53) 2,4-Dinitrophenol	15.40	184	18887	53.64	ng	92
54) Dibenzofuran	15.58	168	162597	25.13	ng	97
55) 4-Nitrophenol	15.71	139	44785	52.83	ng	96
56) 2,4-Dinitrotoluene	15.69	165	38885	26.43	ng	# 85
57) Fluorene	16.29	166	129822	24.03	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.91	232	25723	25.07	ng	# 95
59) Diethylphthalate	16.27	149	135326	24.17	ng	98
60) 4-Chlorophenyl-phenylether	16.37	204	55470	23.92	ng	89
61) 4-Nitroaniline	16.41	138	28192	23.14	ng	92
62) Azobenzene	16.64	77	144728	25.22	ng	95
64) 4,6-Dinitro-2-methylphenol	16.48	198	16715	23.93	ng	90
65) n-Nitrosodiphenylamine	16.61	169	110761	24.77	ng	95
66) 4-Bromophenyl-phenylether	17.20	248	31474	24.64	ng	96
67) Hexachlorobenzene	17.23	284	33870	25.34	ng	95
68) Atrazine	17.56	200	37342	27.57	ng	99
69) Pentachlorophenol	17.58	266	24379	47.28	ng	93
70) Phenanthrene	17.85	178	182550	23.79	ng	97
71) Anthracene	17.93	178	181325	24.33	ng	98
72) Carbazole	18.21	167	178862	24.48	ng	99
73) Di-n-butylphthalate	18.79	149	206686	23.81	ng	99
74) Fluoranthene	19.49	202	186942	23.79	ng	97
76) Benzidine	19.73	184	96377	25.18	ng	99
77) Pyrene	19.77	202	198408	22.53	ng	99
79) Butylbenzylphthalate	20.70	149	91718	22.44	ng	90
80) Benzo(a)anthracene	21.29	228	175702	22.54	ng	98
81) 3,3'-Dichlorobenzidine	21.31	252	47407	19.04	ng	# 93
82) Chrysene	21.34	228	167691	23.77	ng	100
83) Bis(2-ethylhexyl)phthalate	21.43	149	124575	21.99	ng	# 99
84) Di-n-octyl phthalate	22.20	149	212249	22.21	ng	99
85) Indeno(1,2,3-cd)pyrene	24.12	276	169342	24.26	ng	# 100
87) Benzo(b)fluoranthene	22.55	252	185886	25.40	ng	98
88) Benzo(k)fluoranthene	22.55	252	185922	29.06	ng	# 98
89) Benzo(a)pyrene	22.92	252	158448	25.19	ng	98
90) Dibenzo(a,h)anthracene	24.14	278	140924	24.59	ng	98
91) Benzo(g,h,i)perylene	24.41	276	140824	24.08	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

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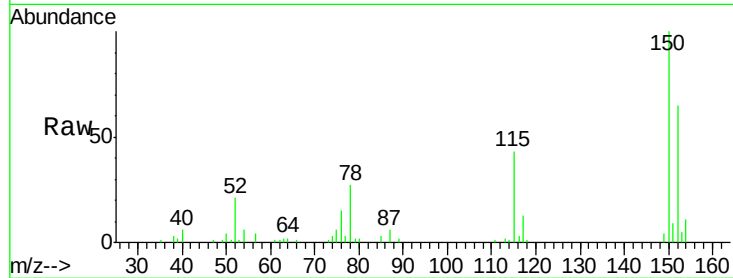
Tot Ion:152 Resp: 32559

Ion Ratio Lower Upper

152 100

150 153.6 119.5 179.3

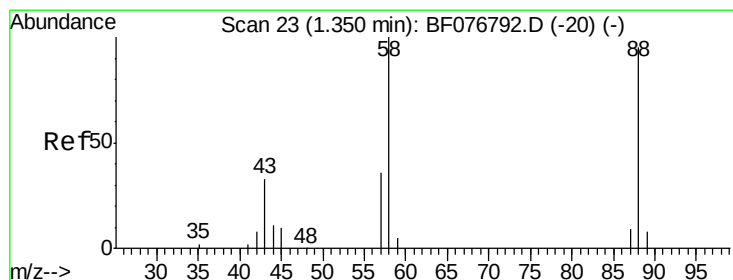
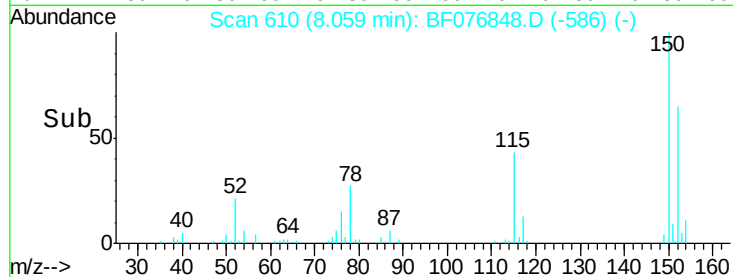
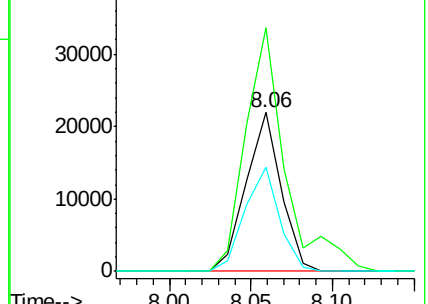
115 66.0 54.6 81.8



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: 23.85 ng

RT: 1.34 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

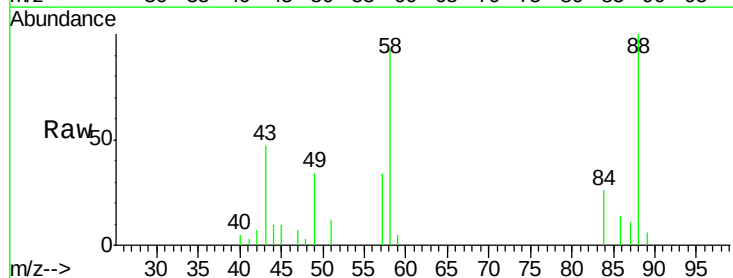
Tgt Ion: 88 Resp: 19842

Ion Ratio Lower Upper

88 100

58 83.6 72.4 108.6

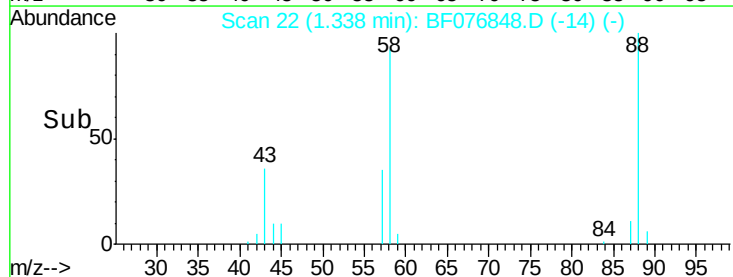
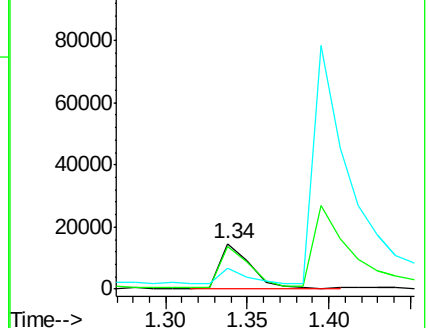
43 30.6 24.0 36.0

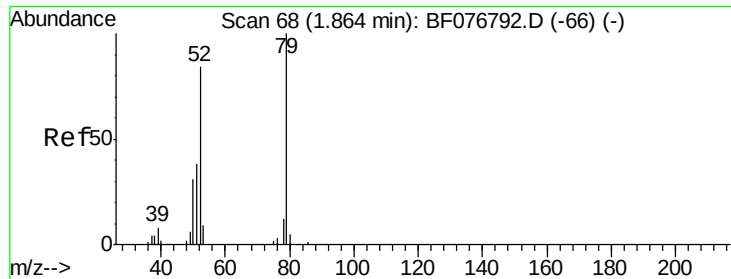


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 18.87 ng

RT: 1.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

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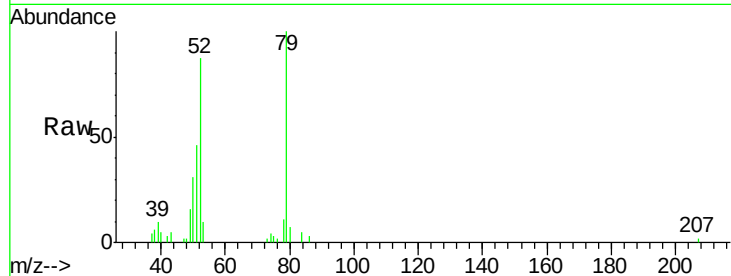
Tot Ion: 79 Resp: 41792

Ion Ratio Lower Upper

79 100

52 86.7 66.9 100.3

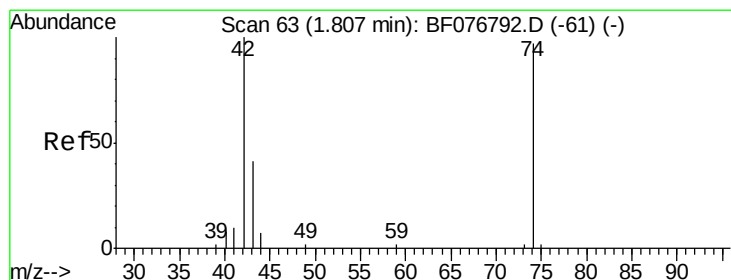
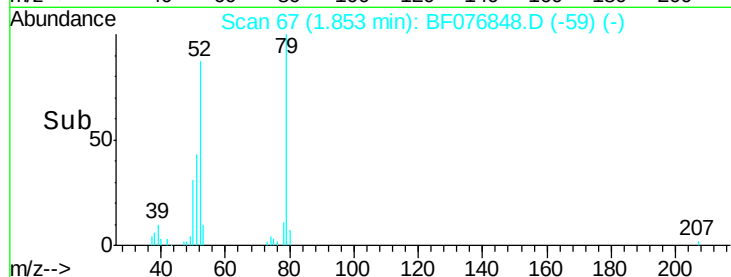
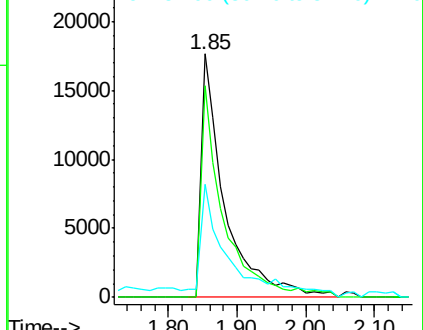
51 46.4 31.6 47.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 23.44 ng

RT: 1.80 min Scan# 62

Delta R.T. -0.01 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

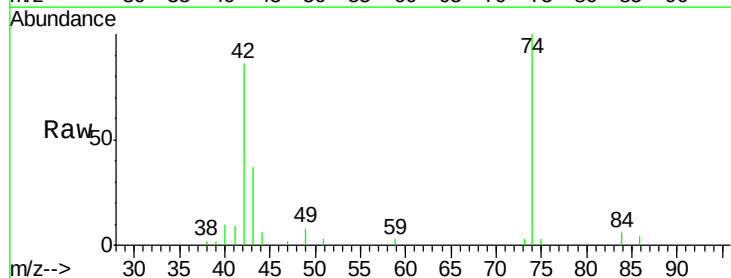
Tgt Ion: 42 Resp: 26099

Ion Ratio Lower Upper

42 100

74 116.8 77.9 116.9

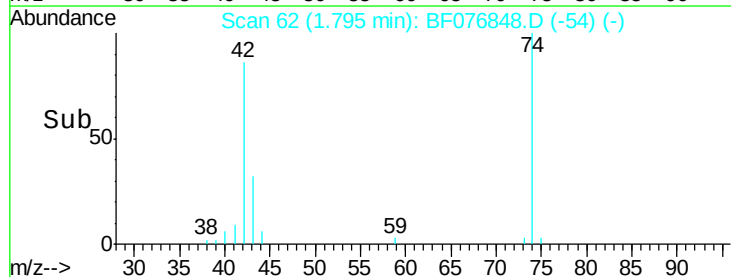
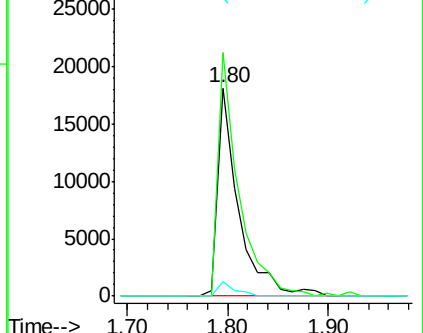
44 6.7 5.8 8.6

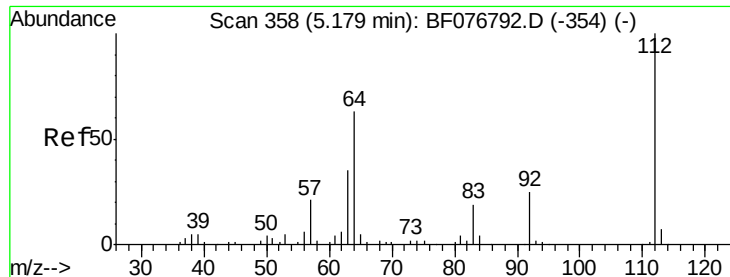


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.69 ng

RT: 5.13 min Scan# 354

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

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ClientSampleId :

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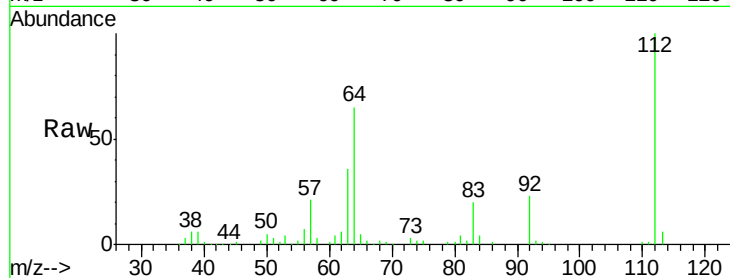
Tot Ion: 112 Resp: 163299

Ion Ratio Lower Upper

112 100

64 65.4 50.2 75.4

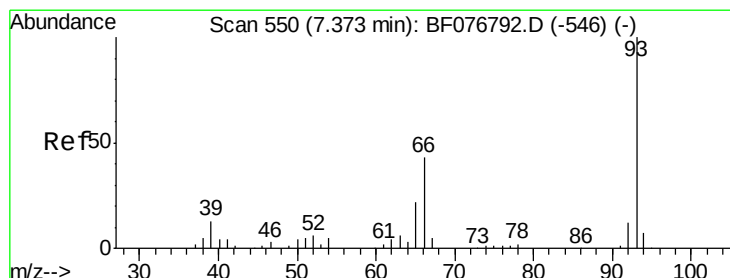
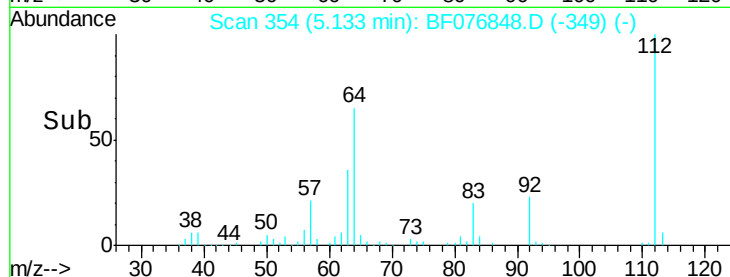
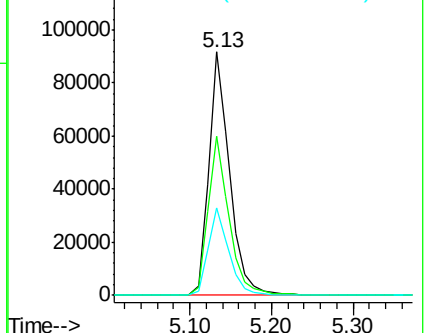
63 36.0 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.39 ng

RT: 7.34 min Scan# 547

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

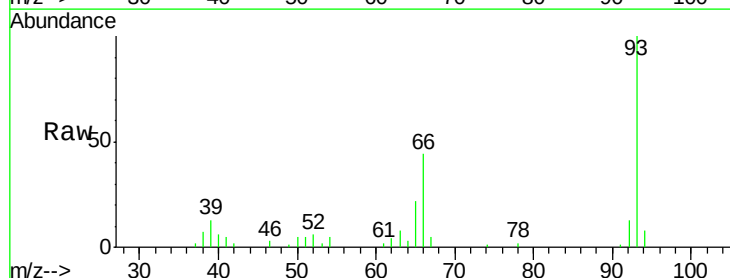
Tgt Ion: 93 Resp: 52202

Ion Ratio Lower Upper

93 100

66 43.6 34.1 51.1

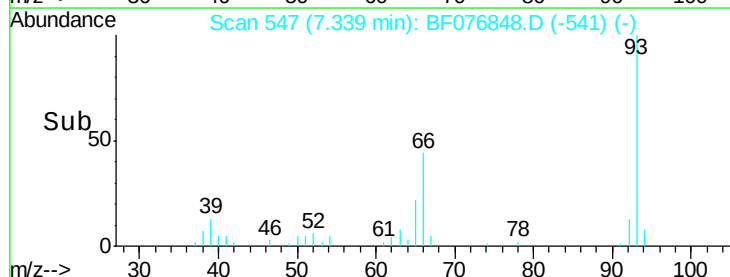
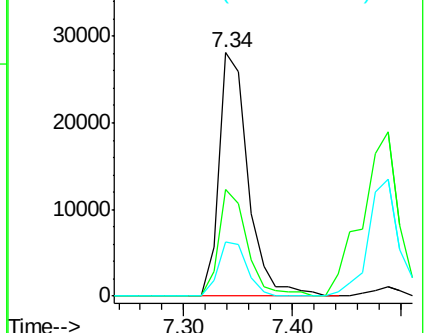
65 22.3 18.0 27.0

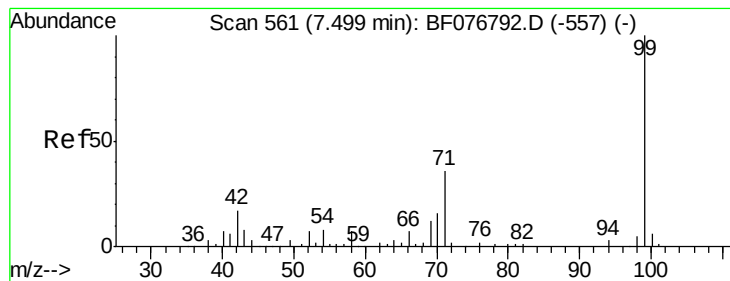


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.65 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.05 min

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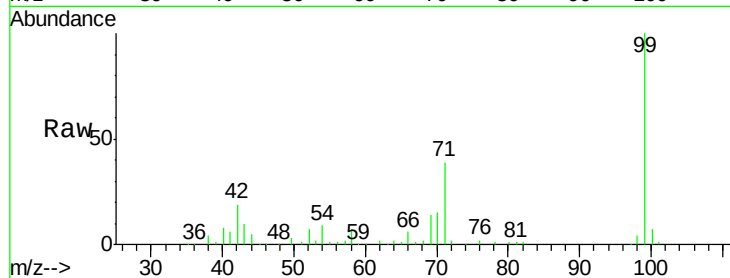
Tot Ion: 99 Resp: 205473

Ion Ratio Lower Upper

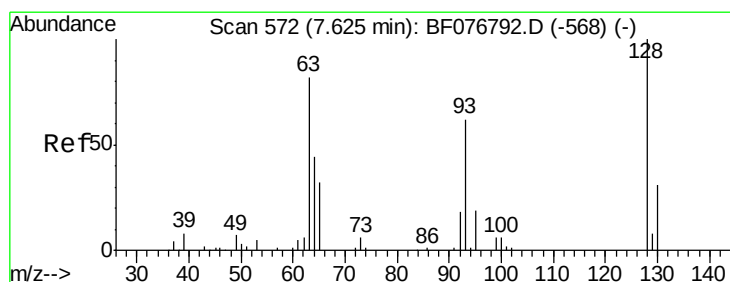
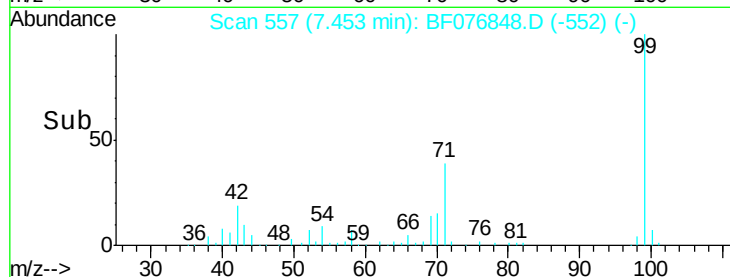
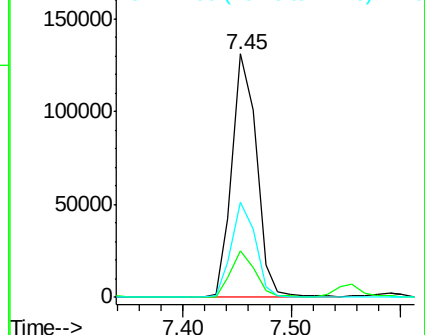
99 100

42 19.0 13.3 19.9

71 39.0 29.2 43.8



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: 24.83 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

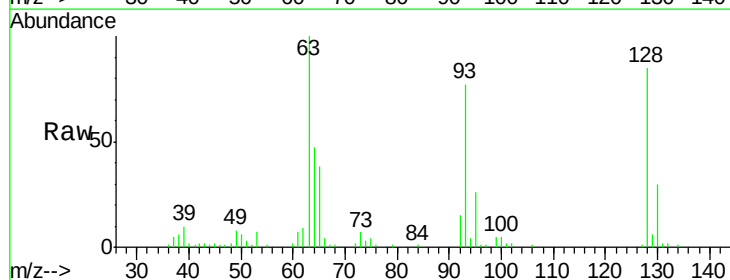
Tgt Ion: 128 Resp: 57289

Ion Ratio Lower Upper

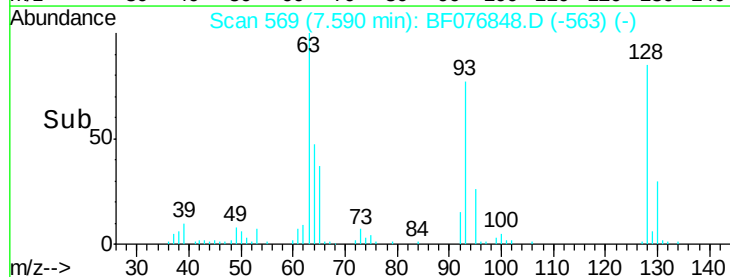
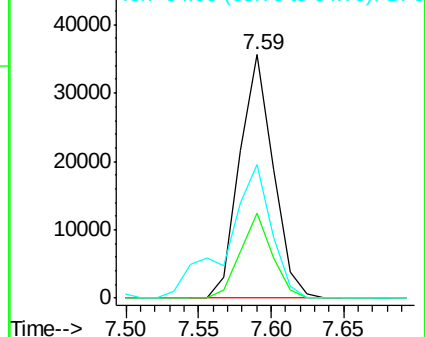
128 100

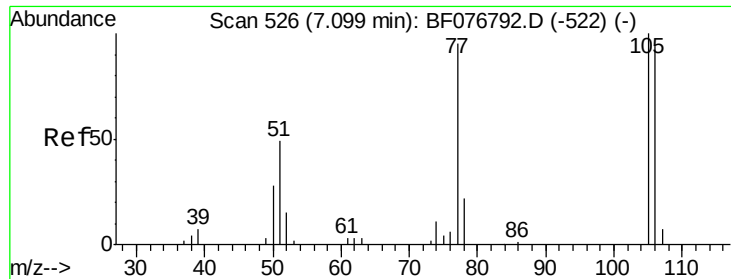
130 35.0 10.6 50.6

64 55.0 32.8 72.8



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





#9

Benzaldehyde

Concen: 16.51 ng

RT: 7.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

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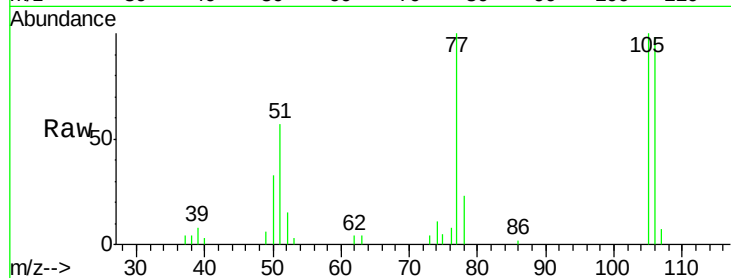
Tot Ion: 77 Resp: 24067

Ion Ratio Lower Upper

77 100

105 99.5 85.5 125.5

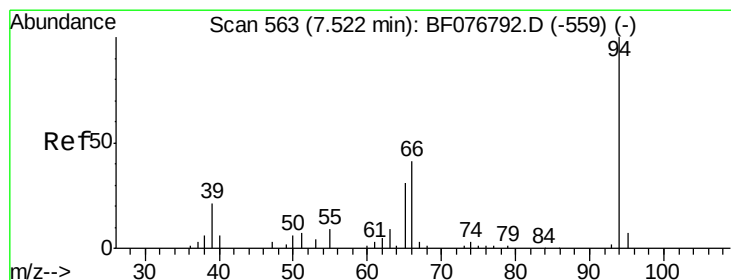
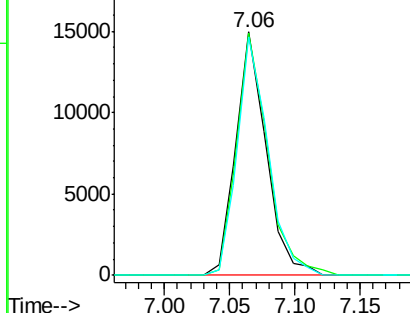
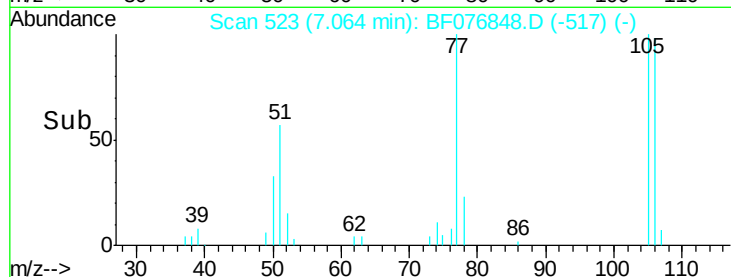
106 97.8 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 27.94 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

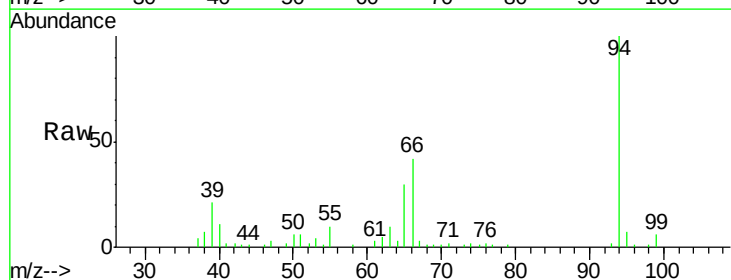
Tgt Ion: 94 Resp: 74781

Ion Ratio Lower Upper

94 100

65 30.1 11.6 51.6

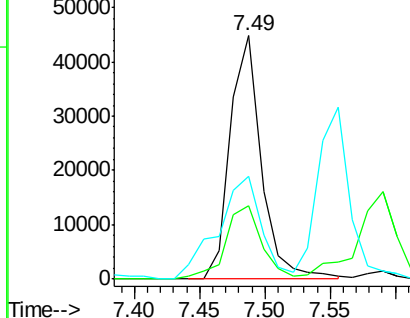
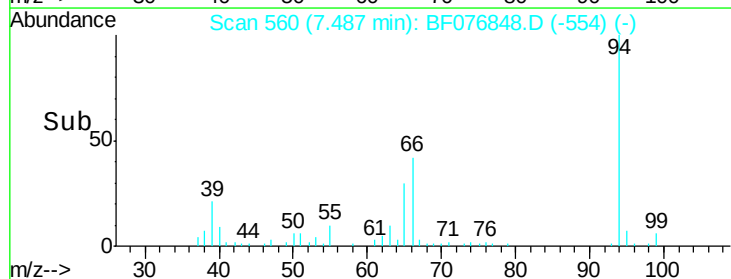
66 42.4 22.3 62.3

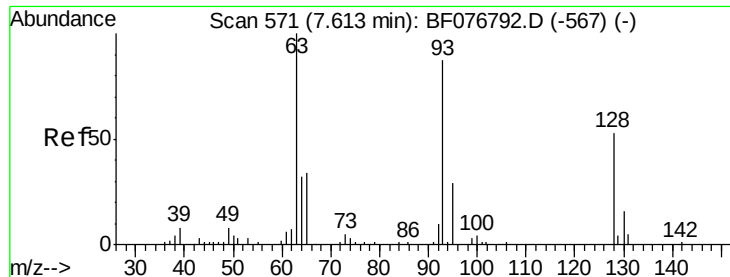


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

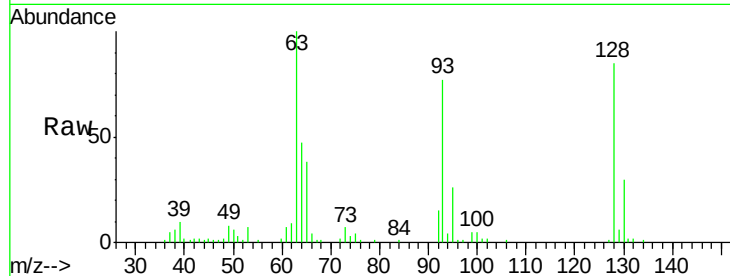




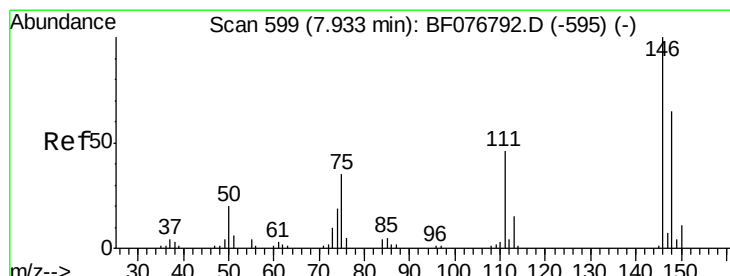
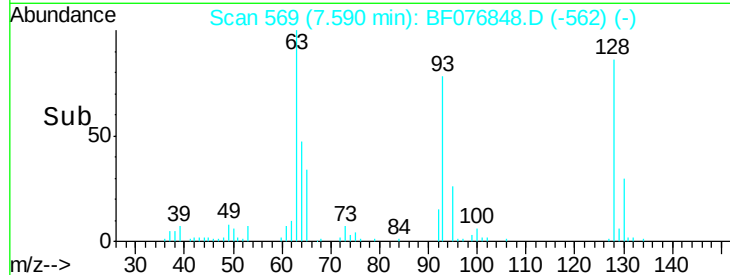
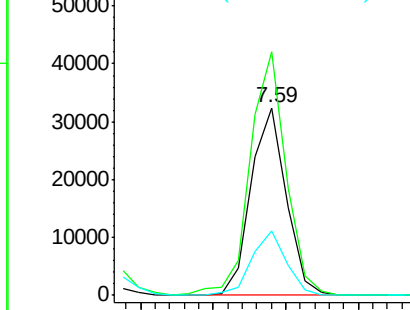
#11
bis(2-Chloroethyl)ether
Concen: 25.42 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Instrument :
BNA_F
ClientSampled :
SW-011MSD

Tot Ion: 93 Resp: 54525
Ion Ratio Lower Upper
93 100
63 129.9 96.1 136.1
95 34.3 14.0 54.0

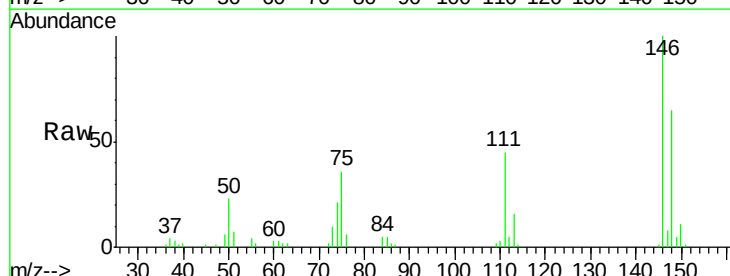


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

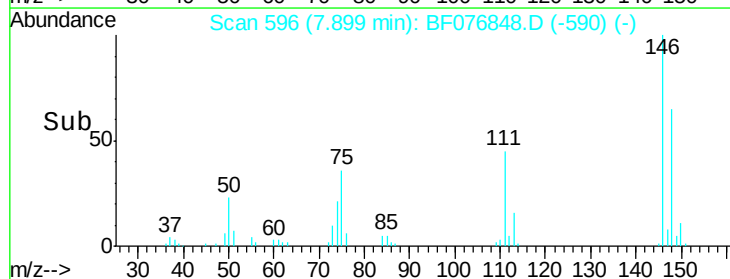
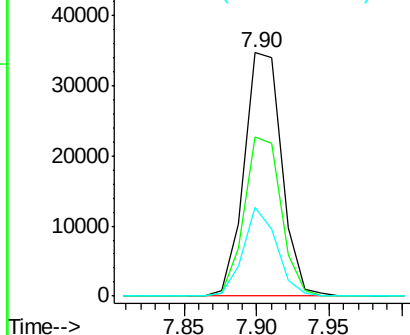


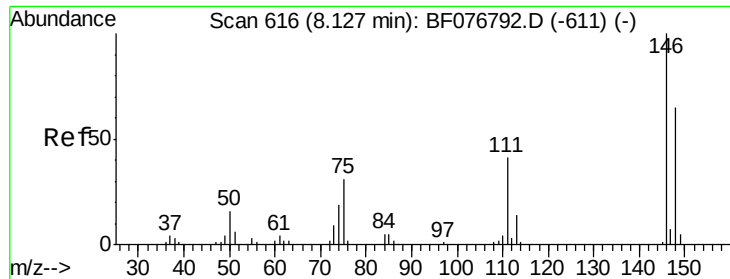
#12
1,3-Dichlorobenzene
Concen: 24.36 ng
RT: 7.90 min Scan# 596
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion: 146 Resp: 62396
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 36.4 28.0 42.0



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

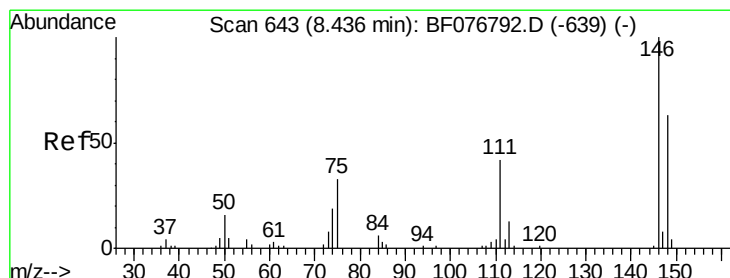
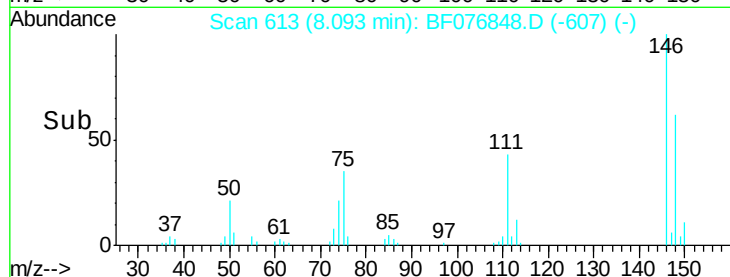
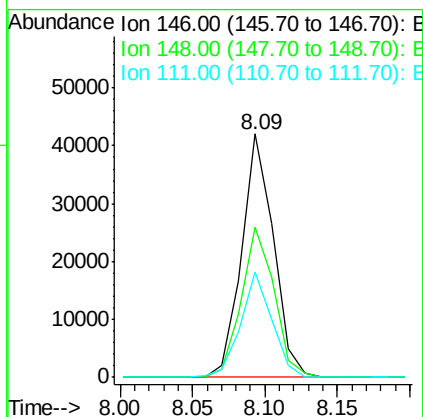
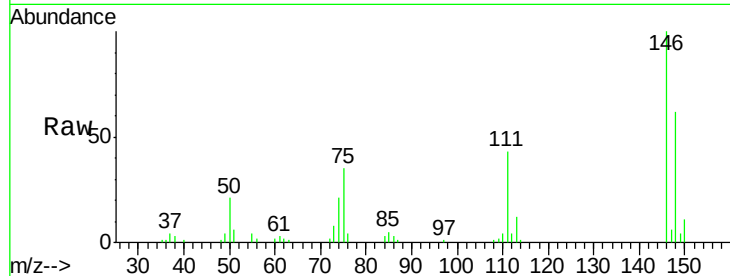




#13
 1,4-Dichlorobenzene
 Concen: 23.74 ng
 RT: 8.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

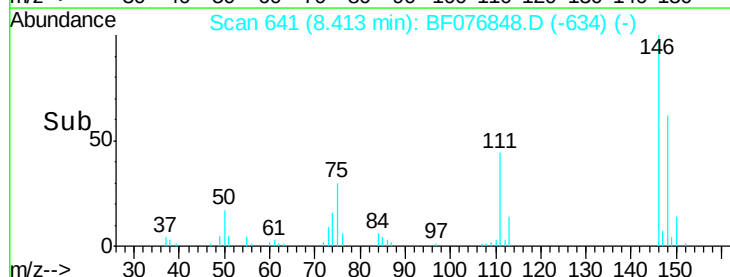
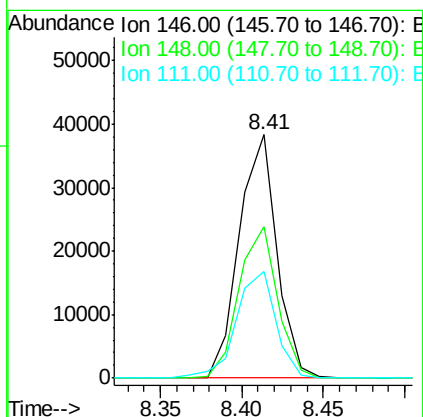
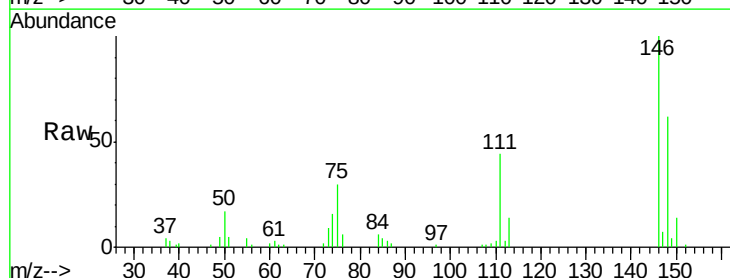
Instrument :
 BNA_F
 ClientSampled :
 SW-011MSD

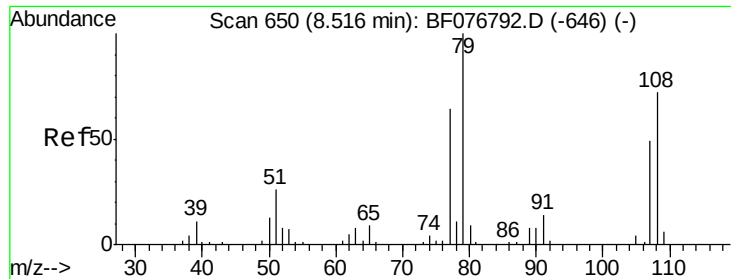
Tot Ion:146 Resp: 63781
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.8 77.8
 111 43.3 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 24.49 ng
 RT: 8.41 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:146 Resp: 61311
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.2 75.2
 111 44.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 24.70 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

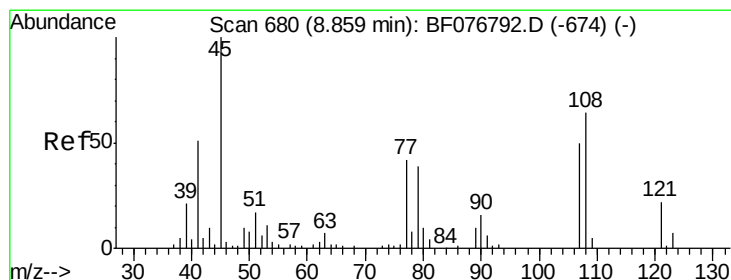
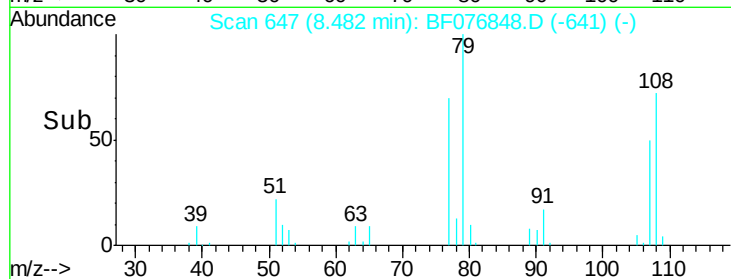
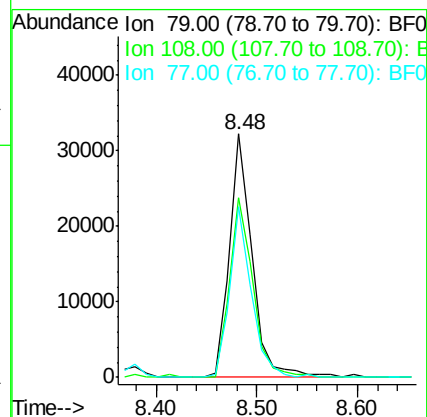
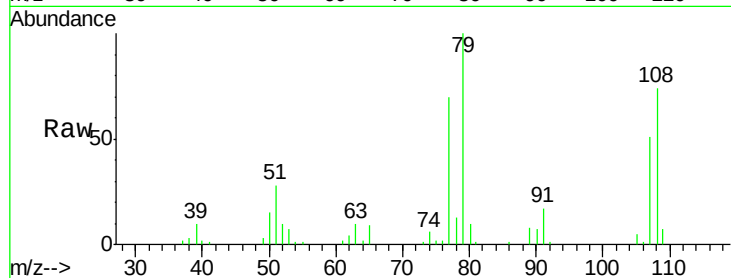
Tot Ion: 79 Resp: 50482

Ion Ratio Lower Upper

79 100

108 73.6 57.4 86.0

77 70.3 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.13 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

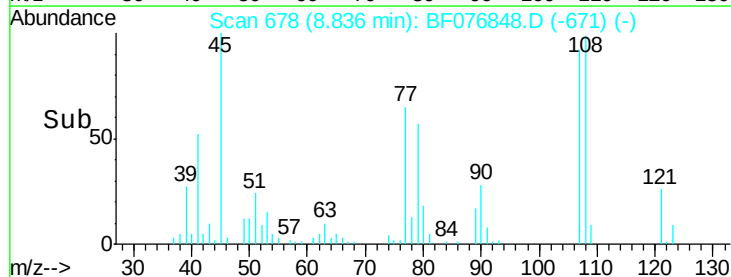
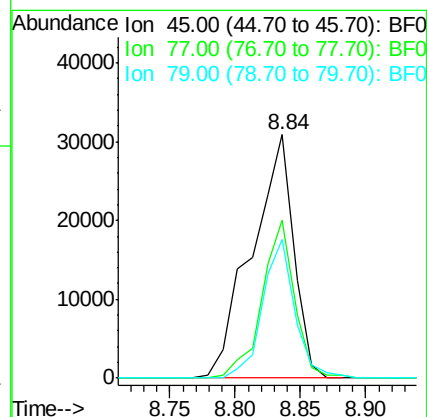
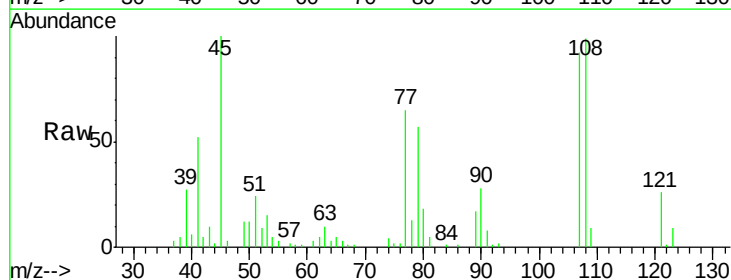
Tgt Ion: 45 Resp: 69525

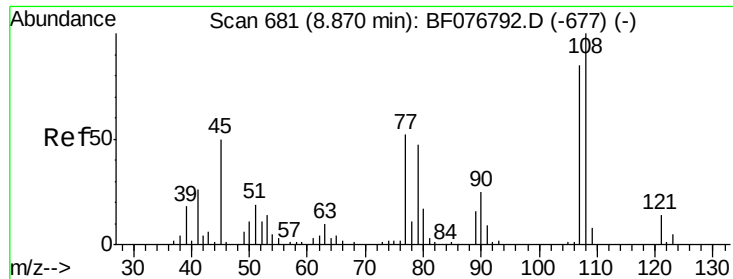
Ion Ratio Lower Upper

45 100

77 65.1 21.9 61.9#

79 57.1 19.0 59.0

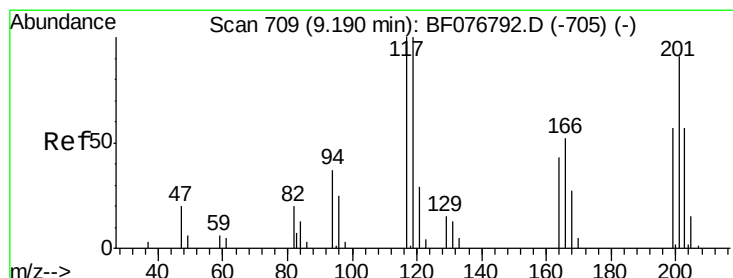
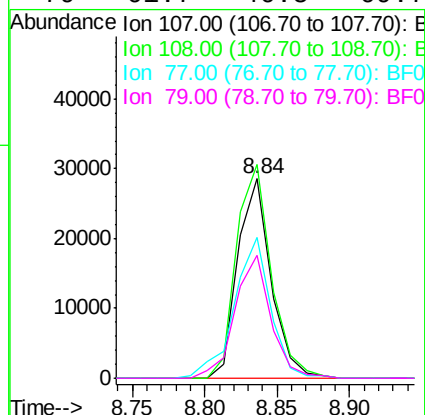
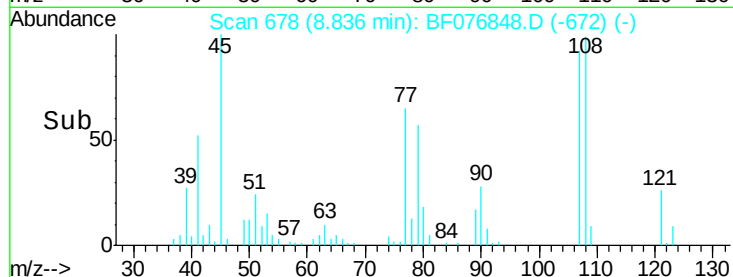
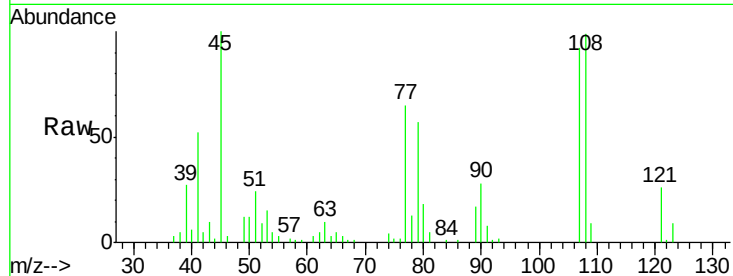




#17
2-Methylphenol
Concen: 24.74 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

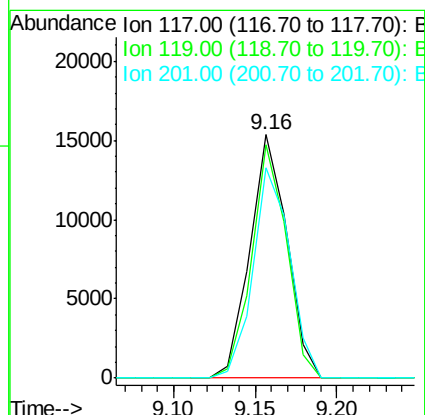
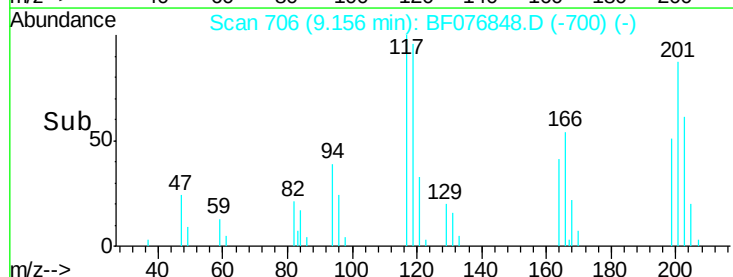
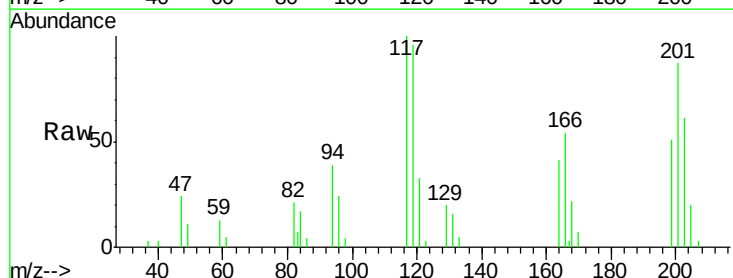
Instrument :
BNA_F
ClientSampleId :
SW-011MSD

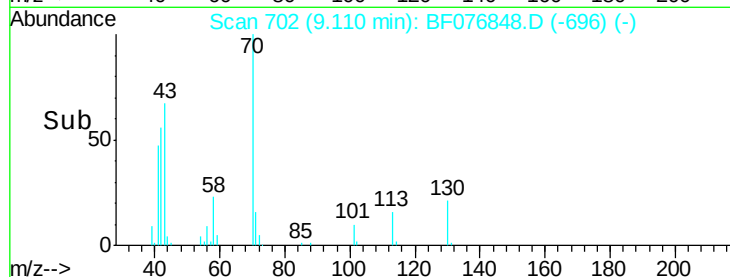
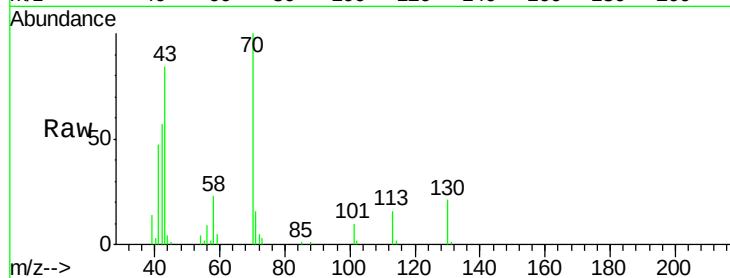
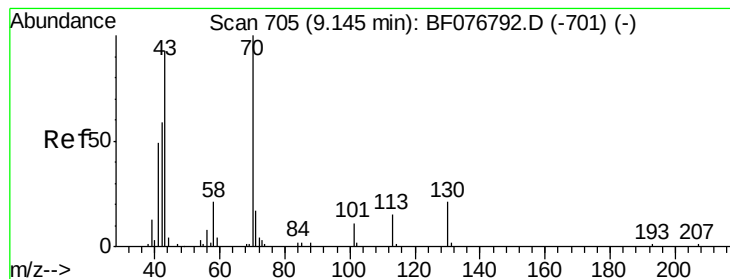
Tot Ion:107 Resp: 45698
Ion Ratio Lower Upper
107 100
108 107.1 93.8 140.8
77 70.4 51.3 76.9
79 61.7 46.5 69.7



#18
Hexachloroethane
Concen: 24.96 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:117 Resp: 24244
Ion Ratio Lower Upper
117 100
119 95.8 80.0 120.0
201 86.6 73.0 109.4





#19

n-Nitroso-di-n-propylamine

Concen: 23.38 ng

RT: 9.11 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

Tot Ion: 70 Resp: 40803

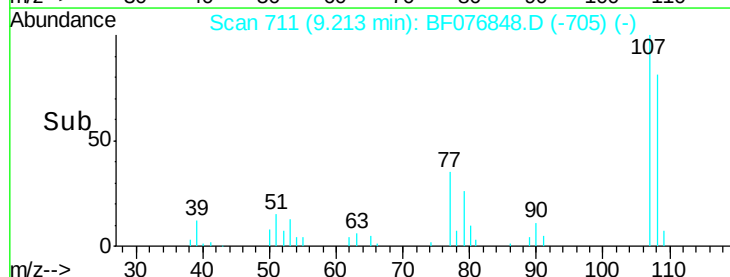
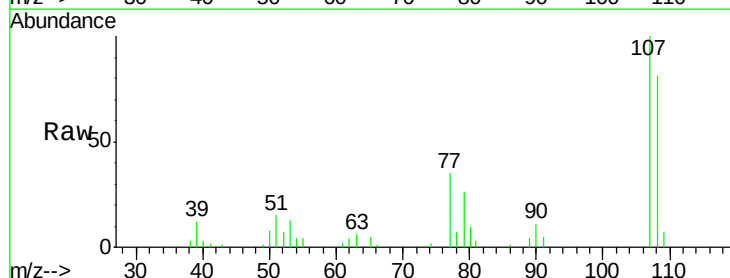
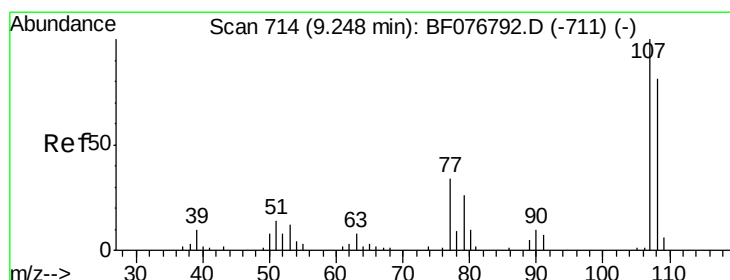
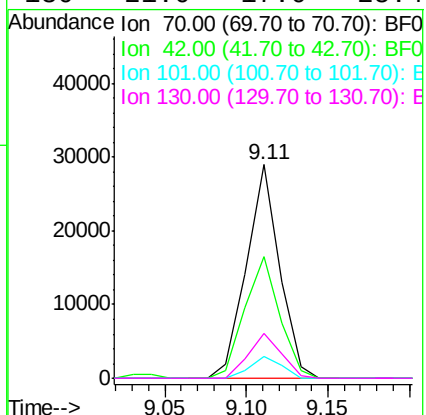
Ion Ratio Lower Upper

70 100

42 57.2 47.1 70.7

101 10.0 8.5 12.7

130 21.0 17.0 25.4



#20

3+4-Methylphenols

Concen: 24.73 ng

RT: 9.21 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Tgt Ion: 107 Resp: 60345

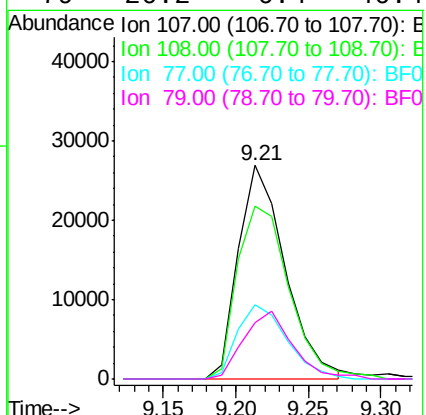
Ion Ratio Lower Upper

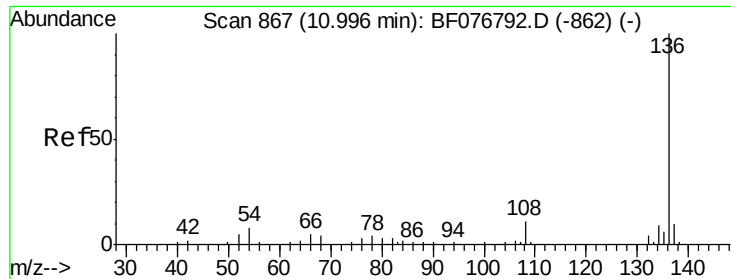
107 100

108 81.2 61.4 101.4

77 34.8 14.4 54.4

79 26.2 6.4 46.4

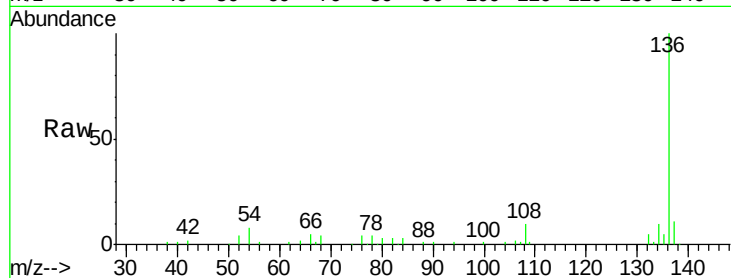




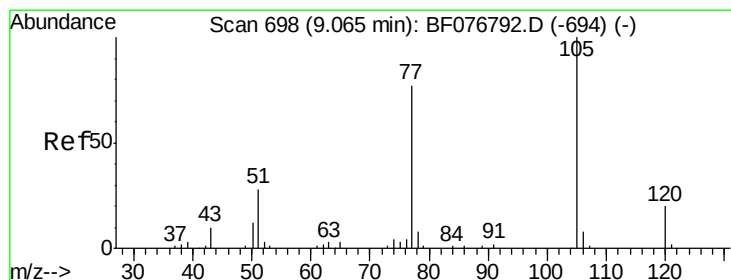
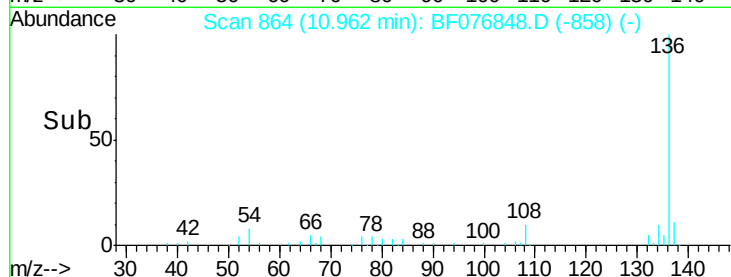
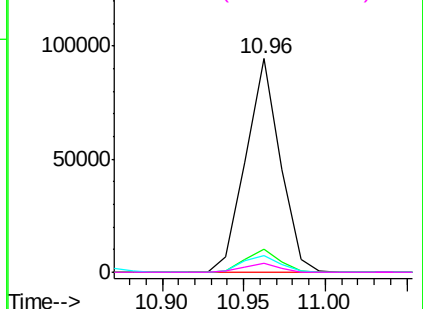
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SW-011MSD

Tot Ion:136	Resp:	137998
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.1 12.1
54	8.0	6.3 9.5
68	4.5	3.4 5.0

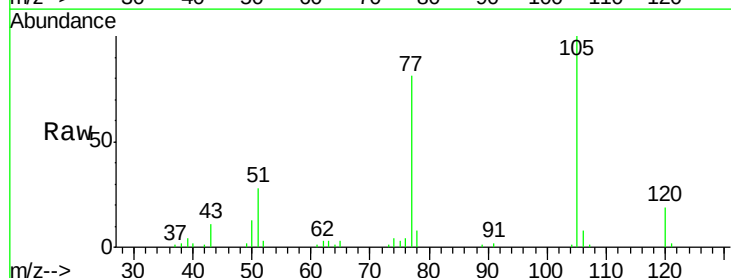


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

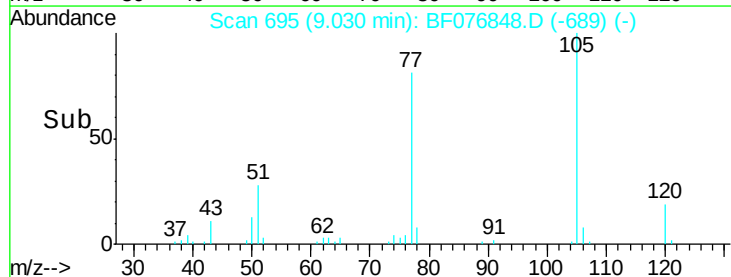
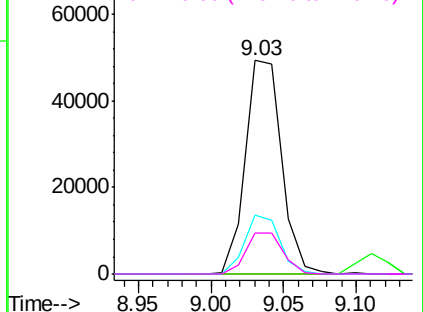


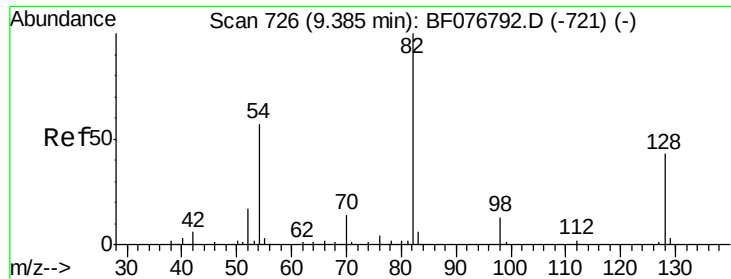
#22
Acetophenone
Concen: 25.27 ng
RT: 9.03 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:105	Resp:	85684
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	27.8	22.2 33.2
120	19.4	15.7 23.5



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

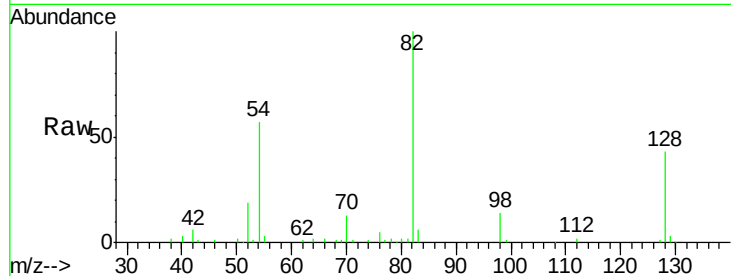




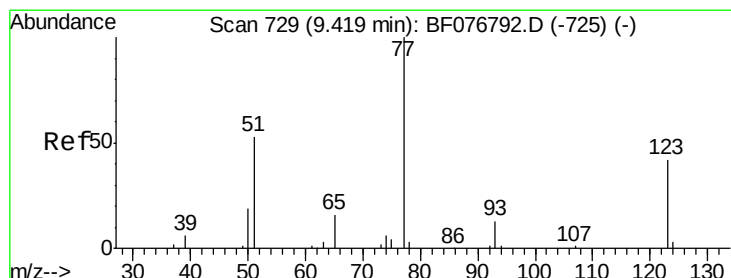
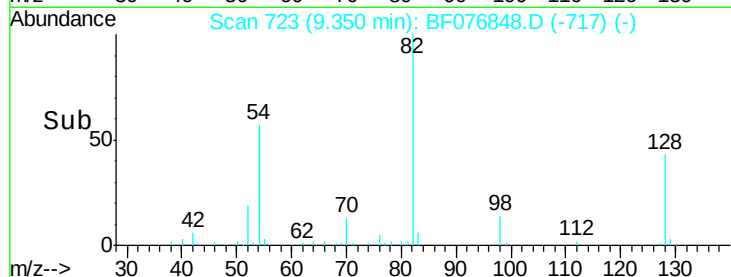
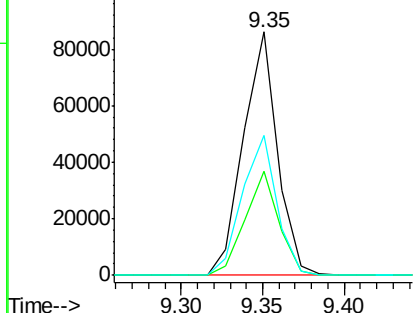
#23
 Nitrobenzene-d5
 Concen: 50.03 ng
 RT: 9.35 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Instrument :
 BNA_F
 ClientSampleID :
 SW-011MSD

Tot Ion	82	Resp	124230
Ion Ratio	100	Lower	Upper
128	42.9	34.0	51.0
54	57.2	45.6	68.4

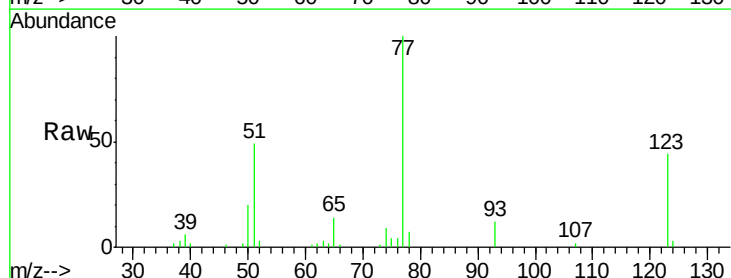


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

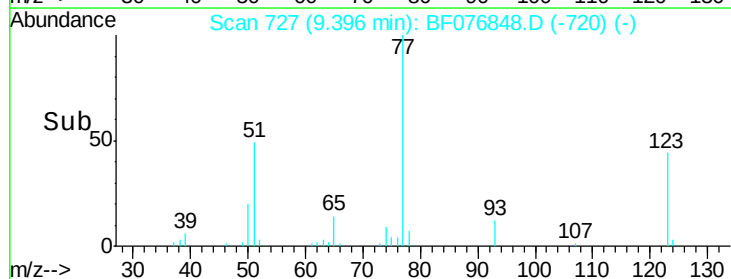
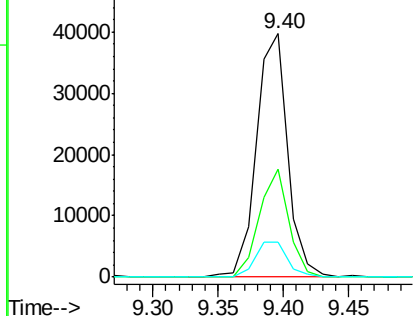


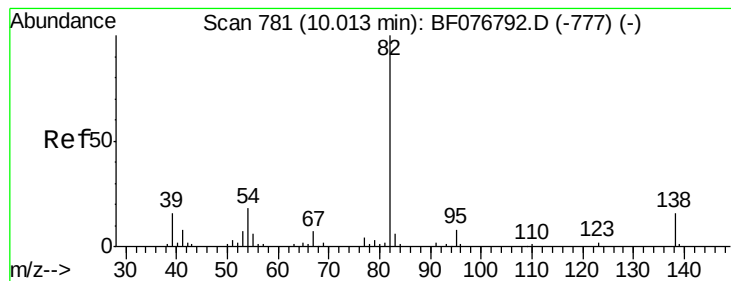
#24
 Nitrobenzene
 Concen: 26.48 ng
 RT: 9.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion	77	Resp	66422
Ion Ratio	100	Lower	Upper
123	44.3	33.3	49.9
65	14.4	13.1	19.7



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





#25

Isophorone

Concen: 24.97 ng

RT: 9.99 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

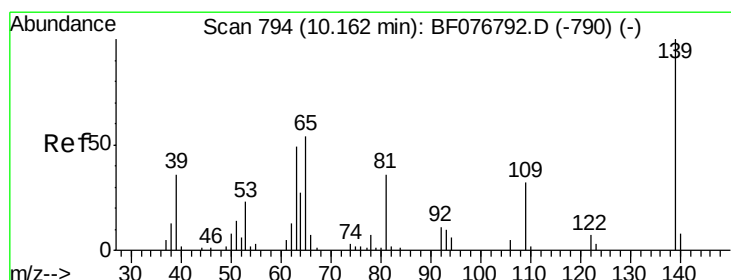
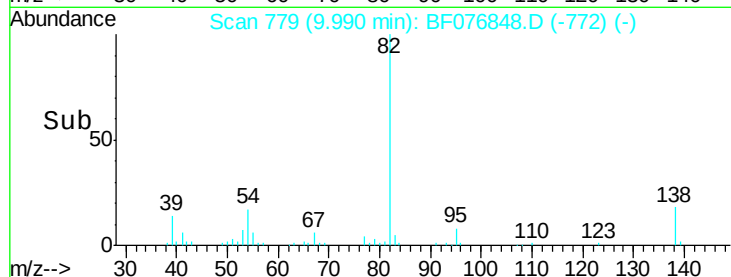
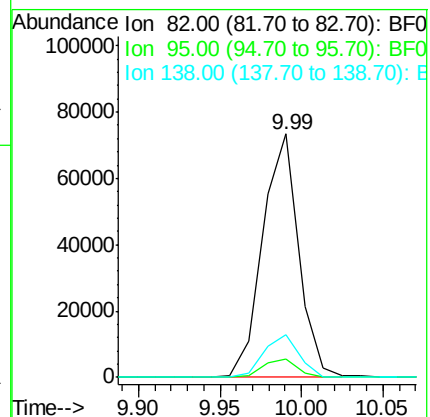
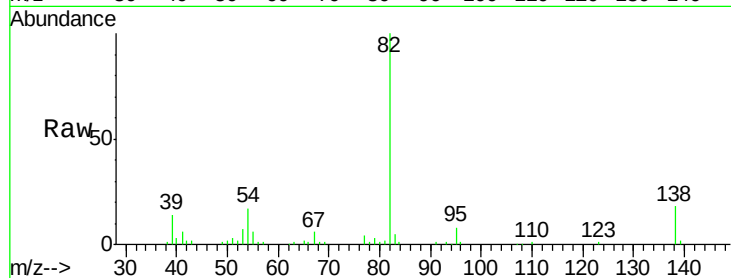
Tot Ion: 82 Resp: 112746

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 17.6 13.0 19.4



#26

2-Nitrophenol

Concen: 25.82 ng

RT: 10.13 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

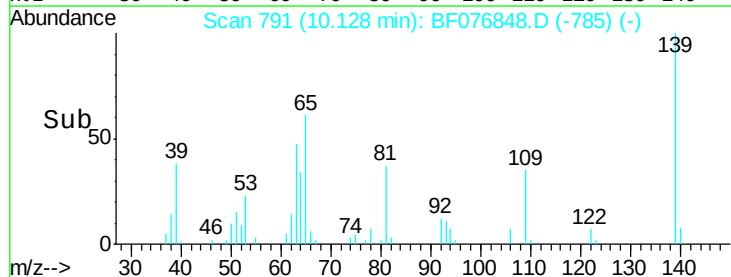
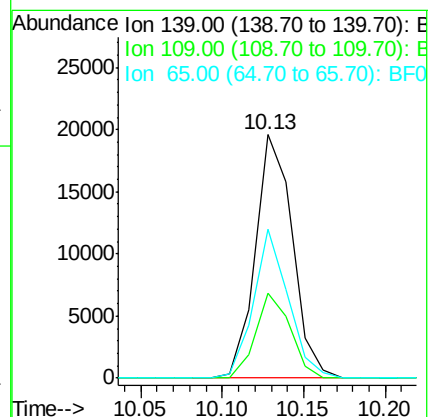
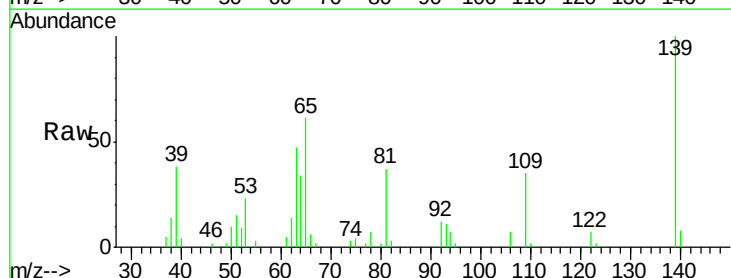
Tgt Ion: 139 Resp: 30981

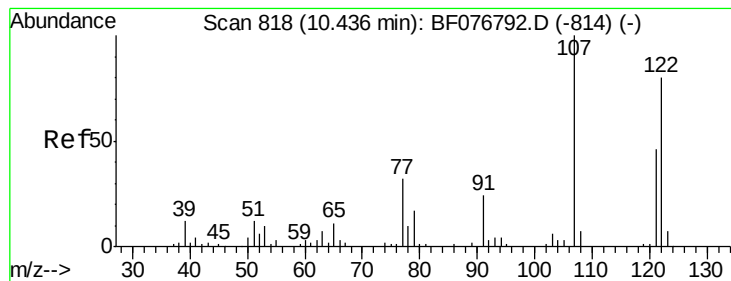
Ion Ratio Lower Upper

139 100

109 34.7 25.4 38.0

65 61.3 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 26.15 ng

RT: 10.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

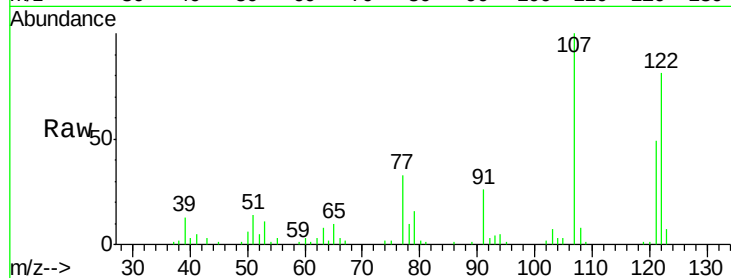
Tot Ion:122 Resp: 50955

Ion Ratio Lower Upper

122 100

107 123.3 100.6 150.8

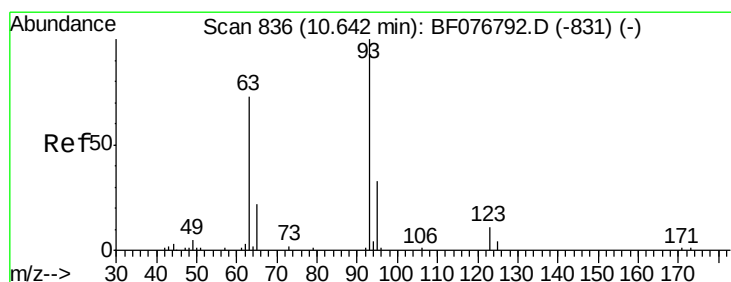
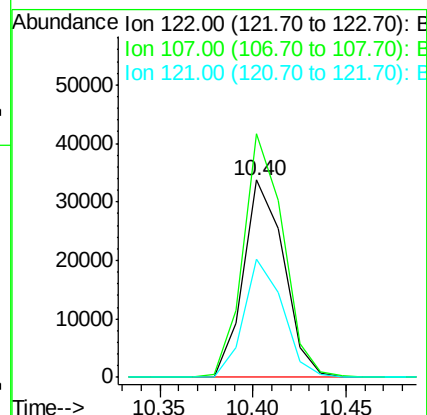
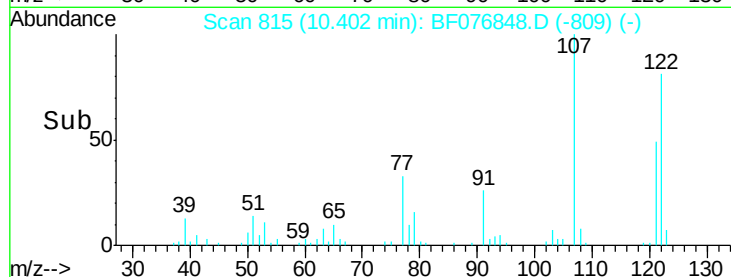
121 60.0 45.8 68.8



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: 26.03 ng

RT: 10.61 min Scan# 833

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

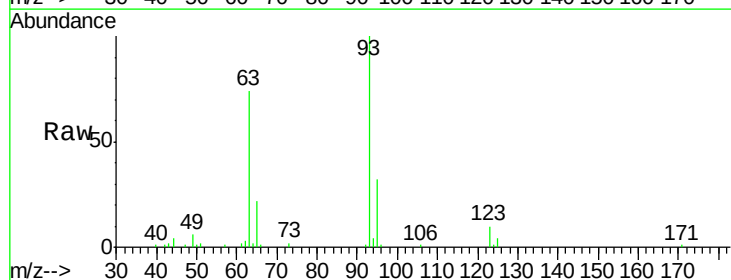
Tgt Ion: 93 Resp: 69047

Ion Ratio Lower Upper

93 100

95 31.5 26.1 39.1

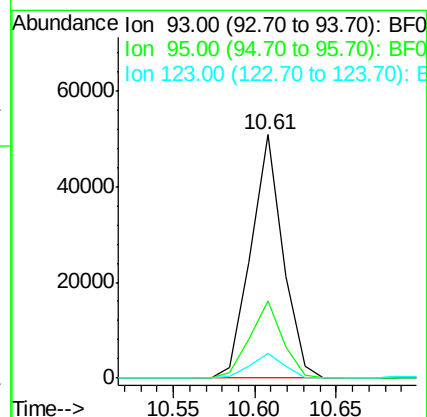
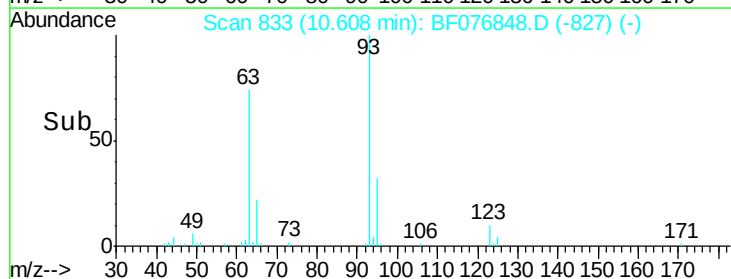
123 10.2 9.0 13.6

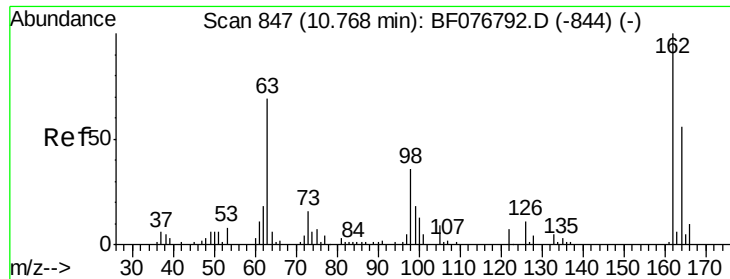


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

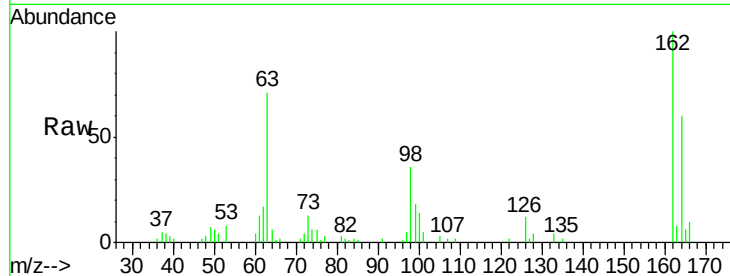




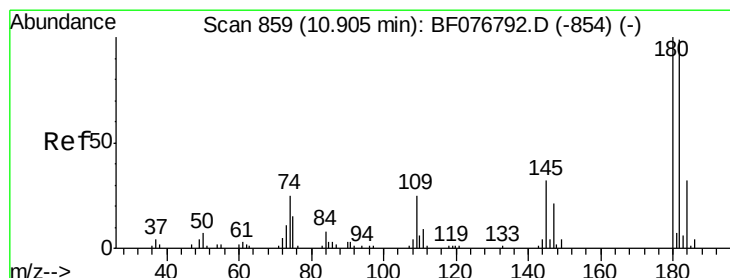
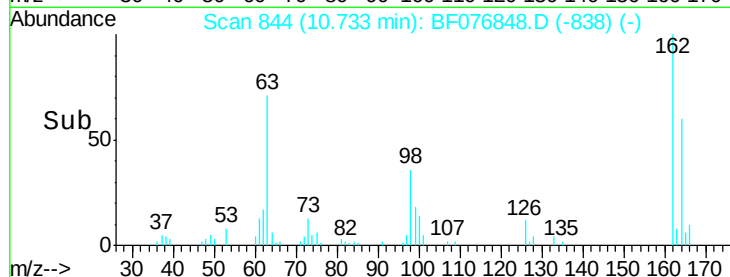
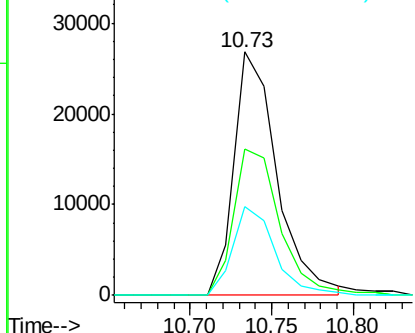
#29
2,4-Dichlorophenol
Concen: 26.38 ng
RT: 10.73 min Scan# 844
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SW-011MSD

Tot Ion:162 Resp: 48910
Ion Ratio Lower Upper
162 100
164 60.2 36.4 76.4
98 36.4 16.1 56.1

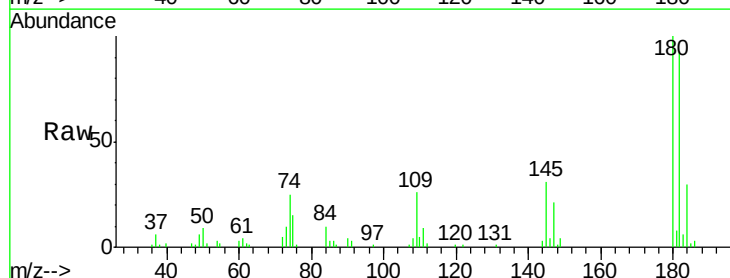


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

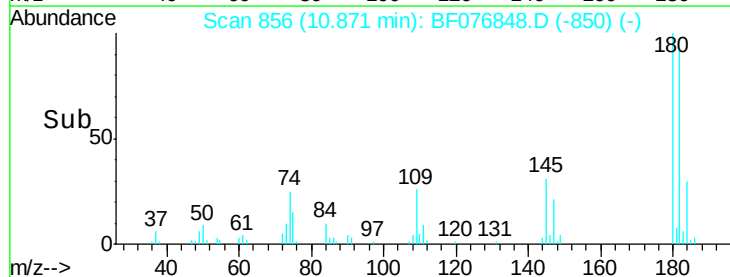
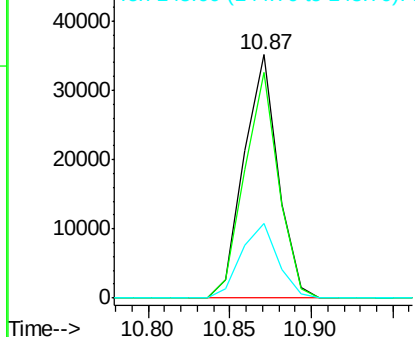


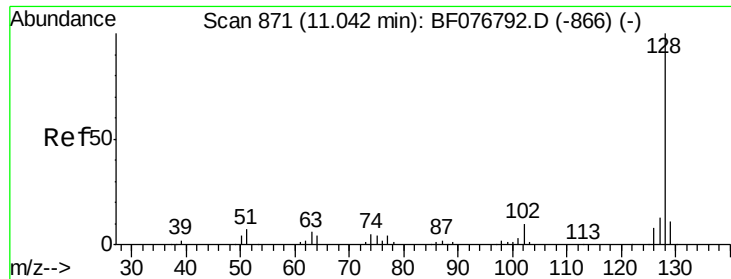
#30
1,2,4-Trichlorobenzene
Concen: 24.35 ng
RT: 10.87 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:180 Resp: 50936
Ion Ratio Lower Upper
180 100
182 92.6 79.4 119.2
145 30.7 25.6 38.4



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

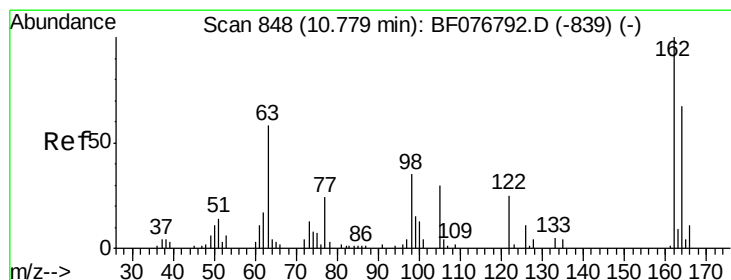
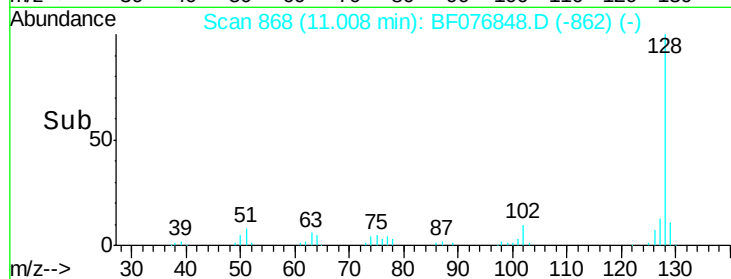
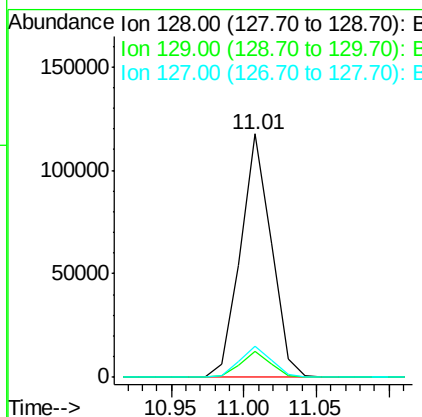
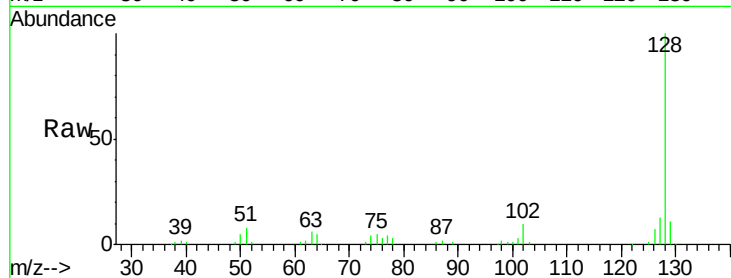




#31
Naphthalene
Concen: 24.43 ng
RT: 11.01 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

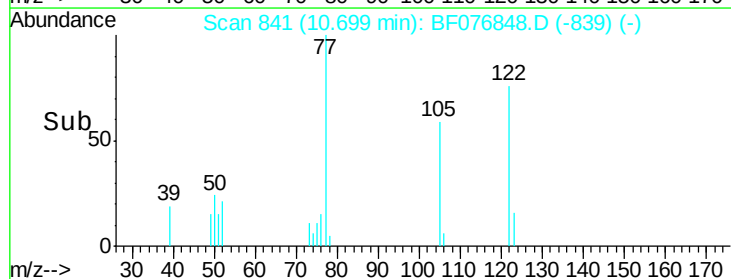
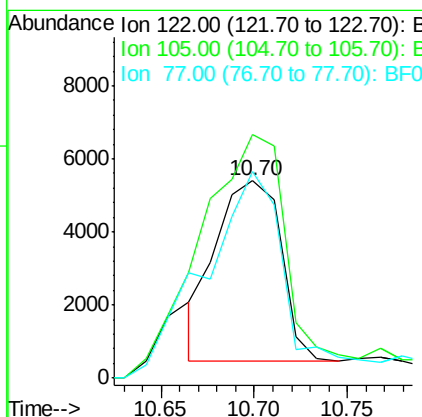
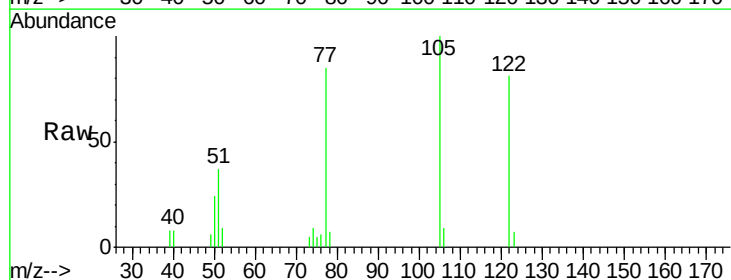
Instrument :
BNA_F
ClientSampleId :
SW-011MSD

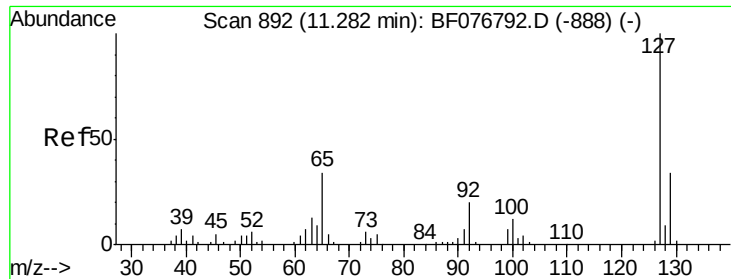
Tot Ion:128 Resp: 172929
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.1 15.1



#32
Benzoic acid
Concen: 12.54 ng
RT: 10.70 min Scan# 841
Delta R.T. -0.08 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:122 Resp: 11927
Ion Ratio Lower Upper
122 100
105 123.5 101.8 141.8
77 104.8 76.0 116.0

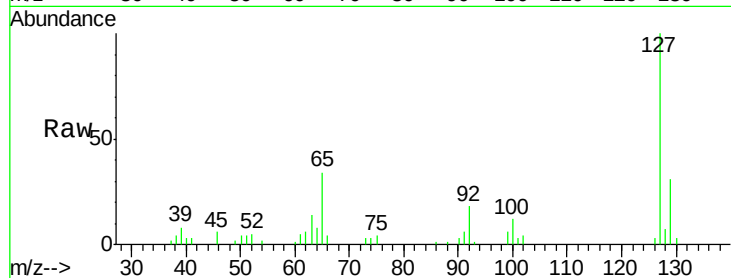




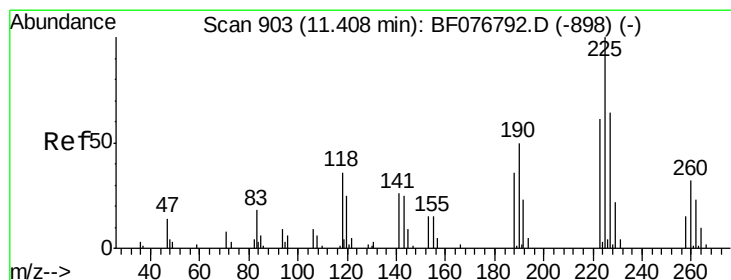
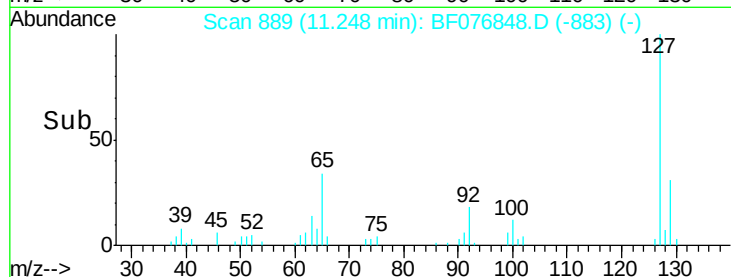
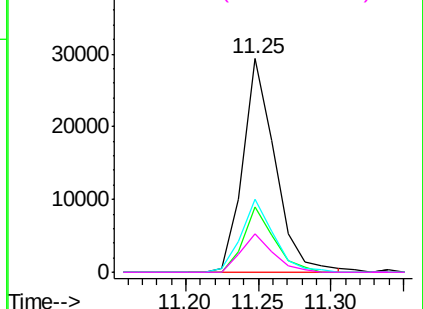
#33
4-Chloroaniline
Concen: 16.32 ng
RT: 11.25 min Scan# 889
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SW-011MSD

Tot Ion:	127	Resp:	45261
Ion	Ratio	Lower	Upper
127	100		
129	30.5	27.0	40.4
65	34.0	27.2	40.8
92	17.7	16.0	24.0

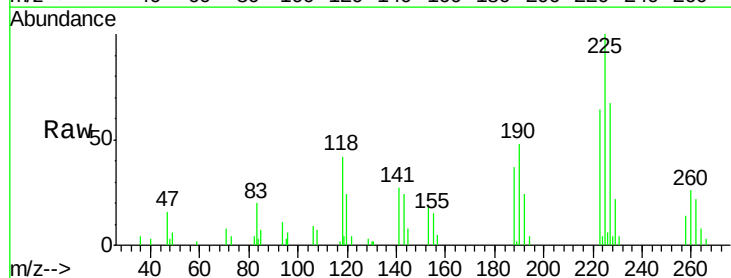


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

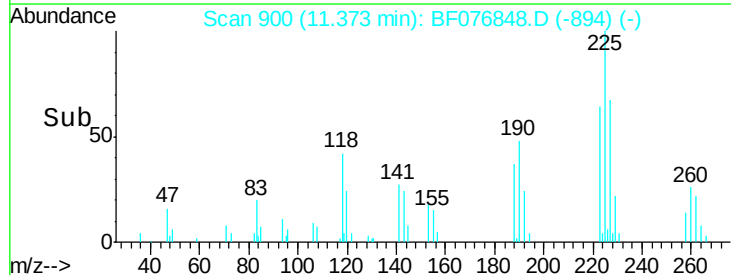
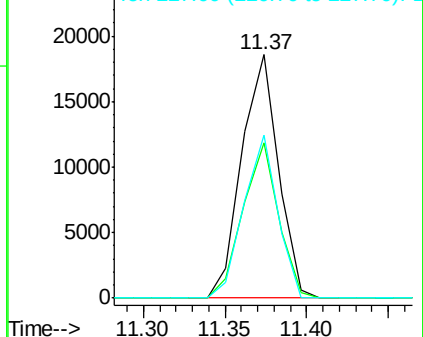


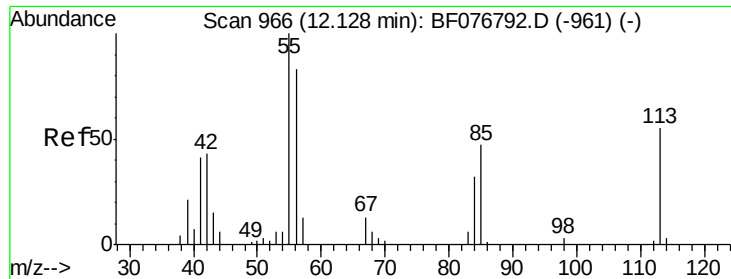
#34
Hexachlorobutadiene
Concen: 24.14 ng
RT: 11.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:	225	Resp:	28885
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.7	73.1
227	67.0	51.4	77.2



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

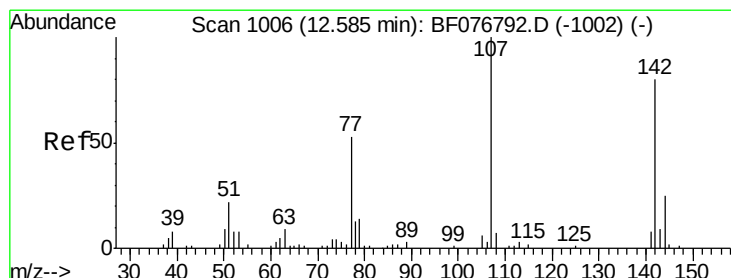
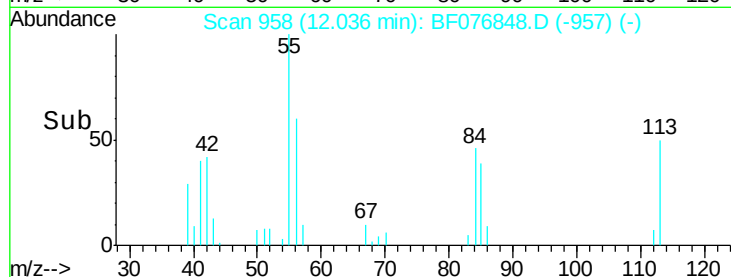
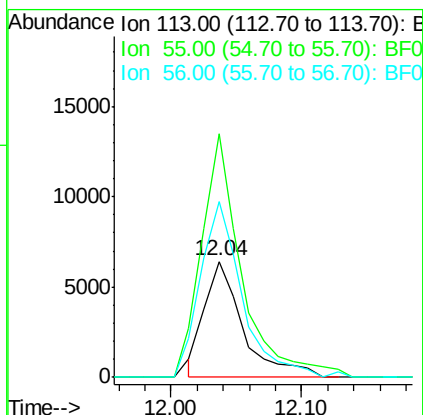
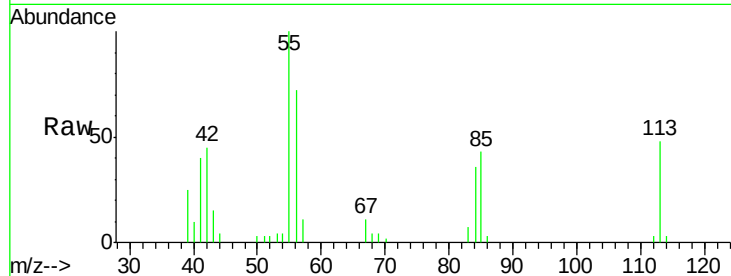




#35
 Caprolactam
 Concen: 24.01 ng
 RT: 12.04 min Scan# 958
 Delta R.T. -0.09 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

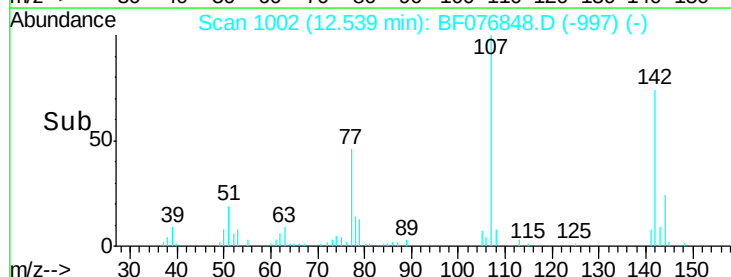
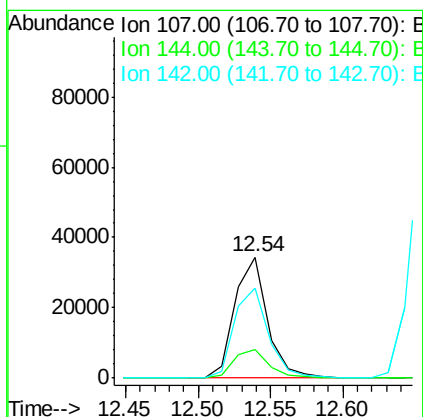
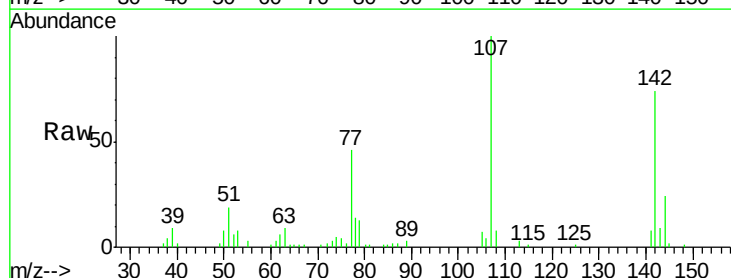
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

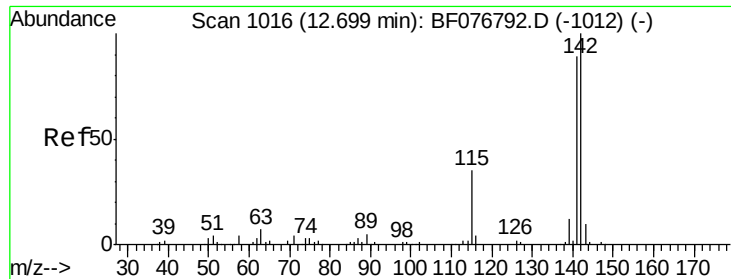
Tot Ion:113 Resp: 13219
 Ion Ratio Lower Upper
 113 100
 55 210.3 173.2 213.2
 56 152.2 137.6 177.6



#36
 4-Chloro-3-methylphenol
 Concen: 26.24 ng
 RT: 12.54 min Scan# 1002
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:107 Resp: 53978
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.8 29.8
 142 74.1 64.0 96.0

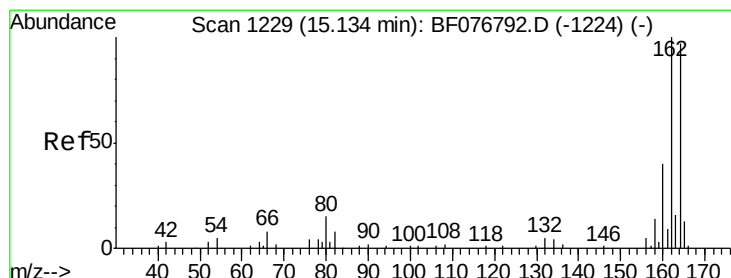
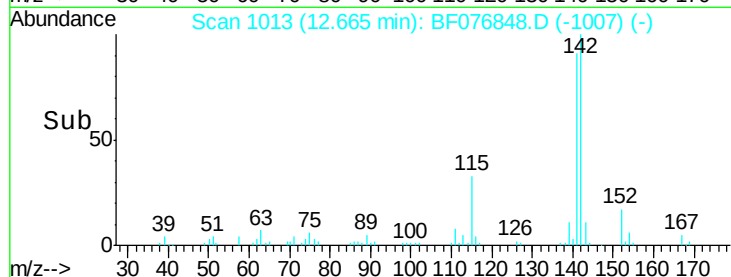
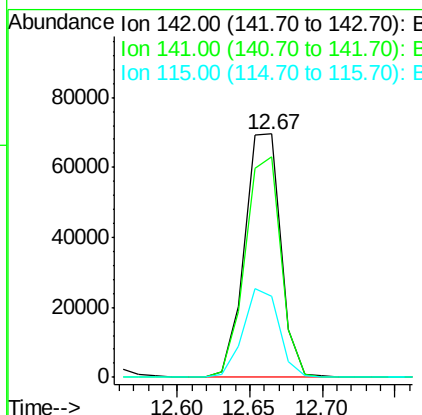
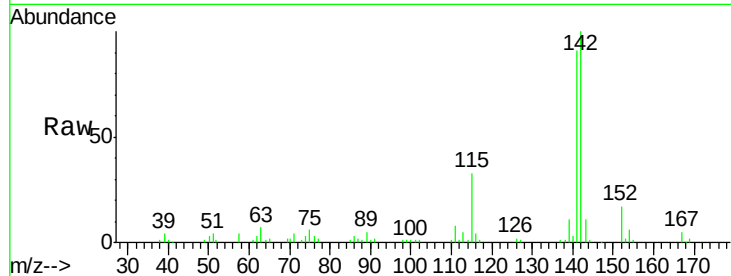




#37
 2-Methylnaphthalene
 Concen: 24.27 ng
 RT: 12.67 min Scan# 1013
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

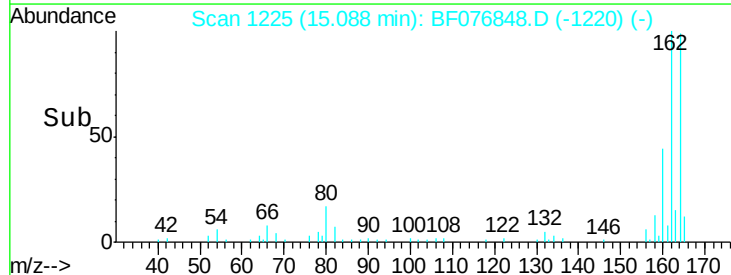
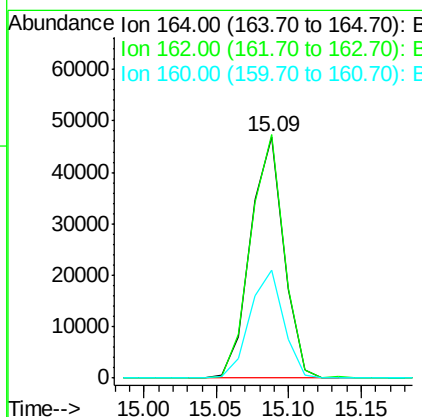
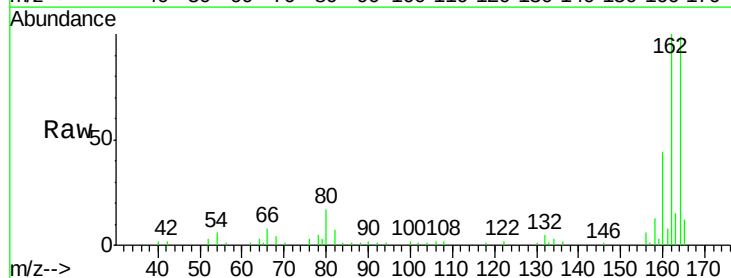
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

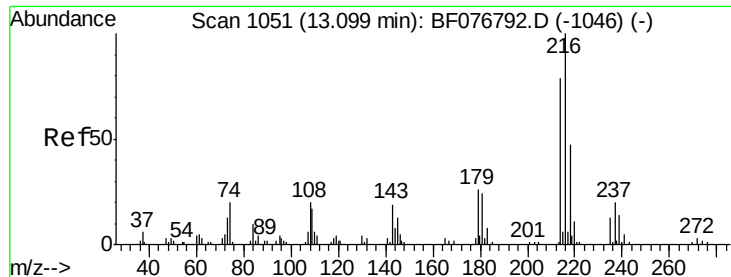
Tot Ion:142 Resp: 120544
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.4
 115 33.5 28.2 42.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1225
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:164 Resp: 74772
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.5 123.7
 160 44.6 33.1 49.7

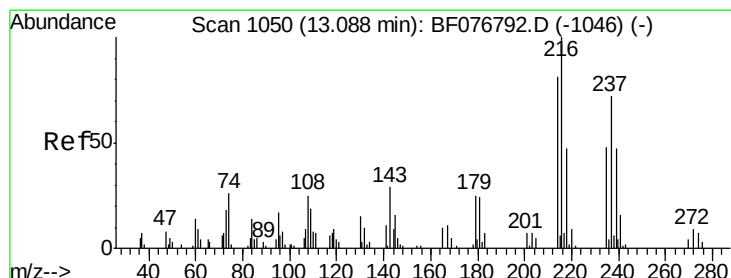
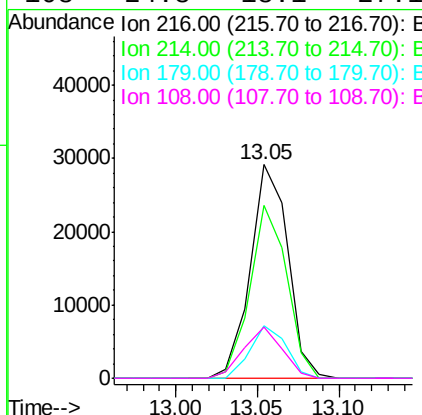
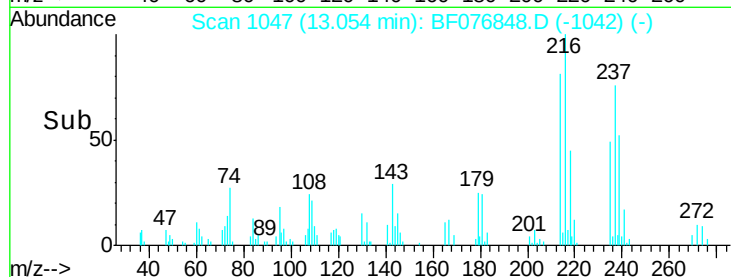
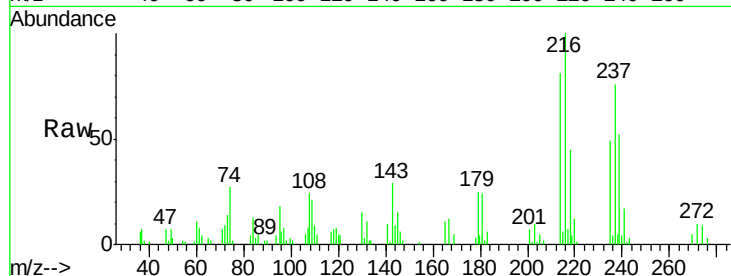




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.02 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

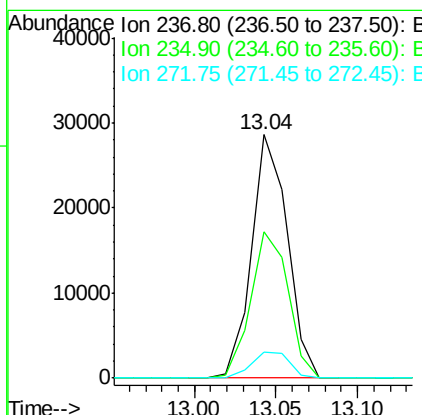
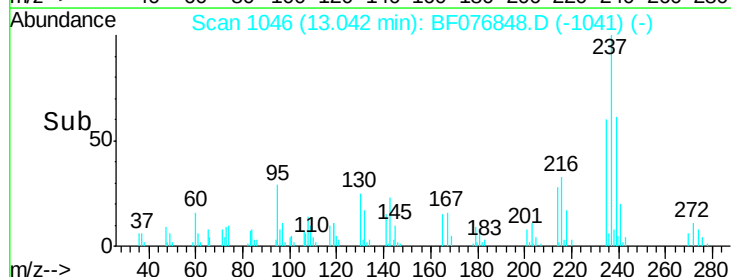
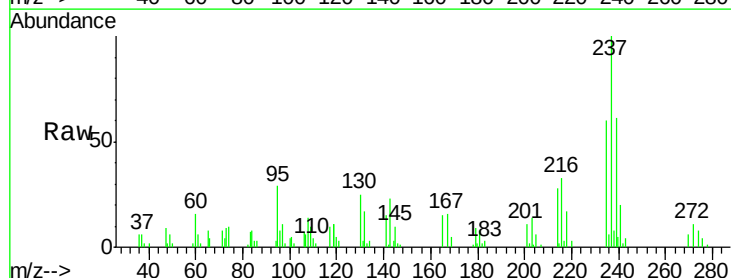
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

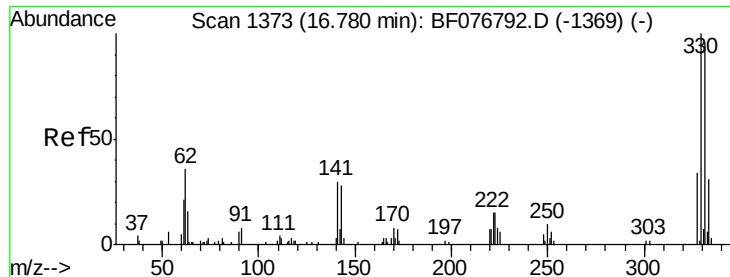
Tot Ion:216	Resp:	46482
Ion Ratio	Lower	Upper
216	100	
214	79.4	65.0 97.4
179	23.9	20.2 30.2
108	24.8	18.1 27.1



#40
 Hexachlorocyclopentadiene
 Concen: 45.47 ng
 RT: 13.04 min Scan# 1046
 Delta R.T. -0.04 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:237	Resp:	43632
Ion Ratio	Lower	Upper
237	100	
235	59.9	46.3 86.3
272	10.8	0.0 32.4





#41

2,4,6-Tribromophenol

Concen: 77.16 ng

RT: 16.73 min Scan# 1369

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampled :

SW-011MSD

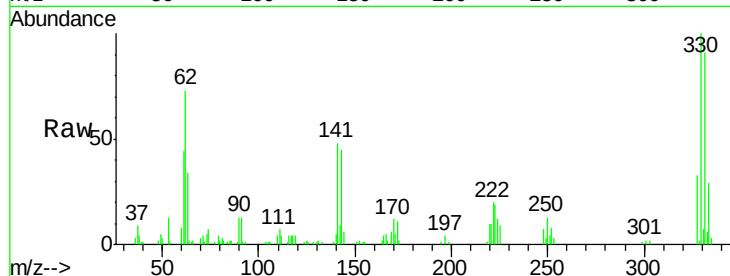
Tot Ion:330 Resp: 48156

Ion Ratio Lower Upper

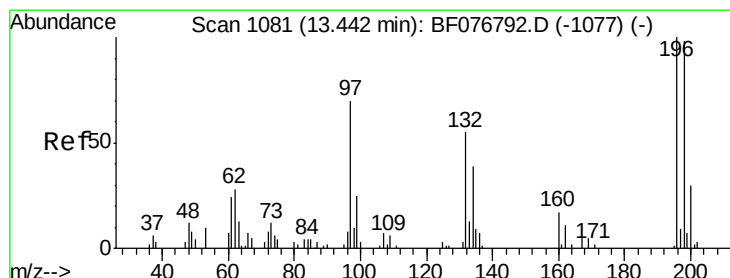
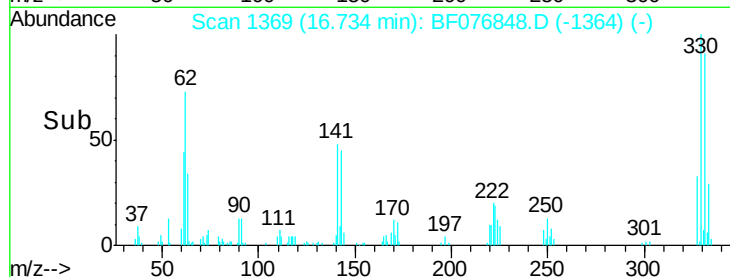
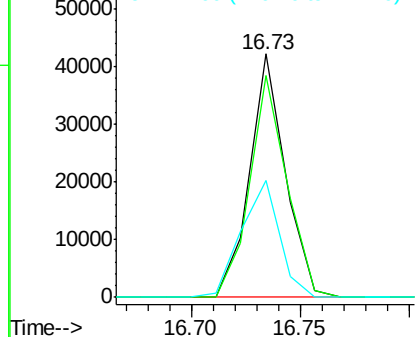
330 100

332 94.6 74.8 112.2

141 51.5 42.4 63.6



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: 24.95 ng

RT: 13.40 min Scan# 1077

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

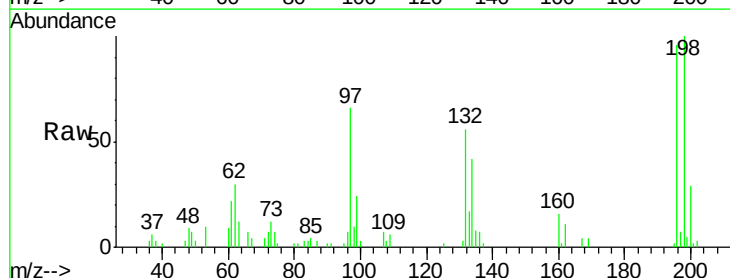
Tgt Ion:196 Resp: 33663

Ion Ratio Lower Upper

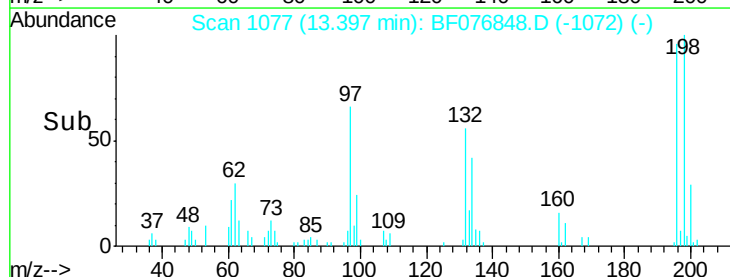
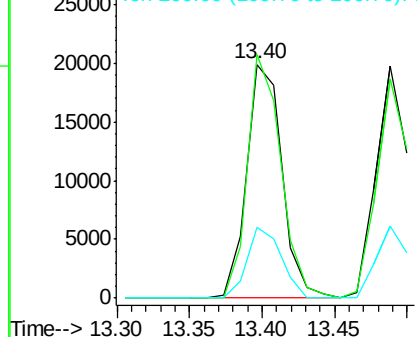
196 100

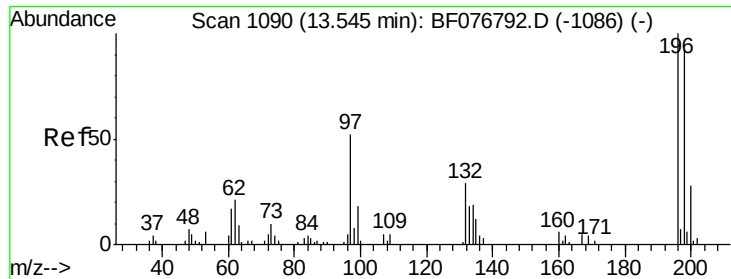
198 104.2 78.4 117.6

200 30.5 24.4 36.6



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

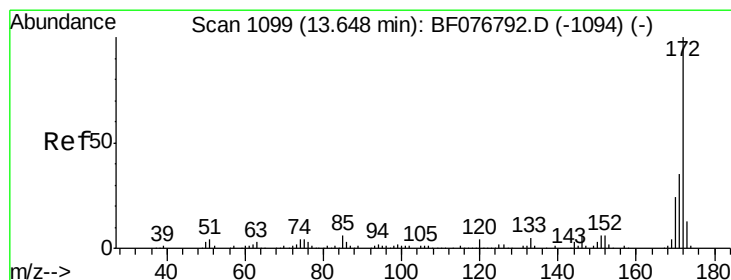
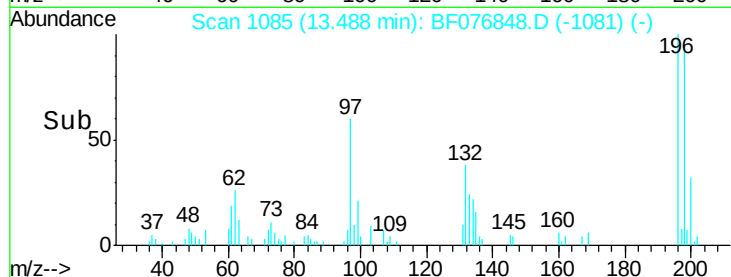
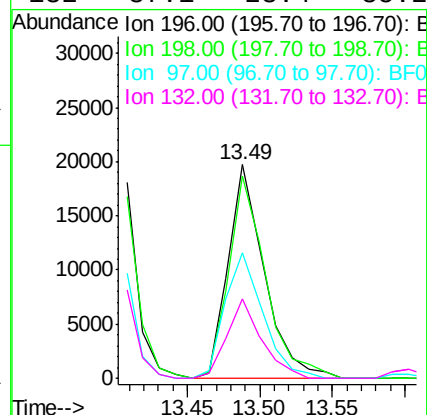
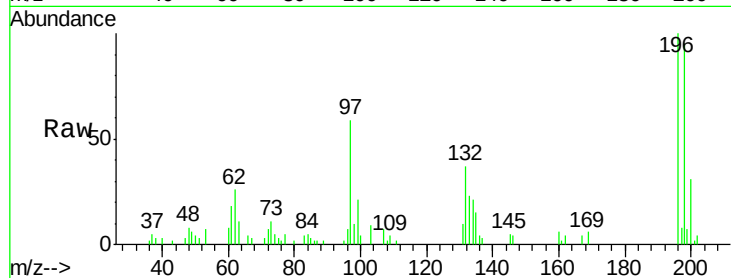




#43
 2,4,5-Trichlorophenol
 Concen: 24.15 ng
 RT: 13.49 min Scan# 1085
 Delta R.T. -0.06 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

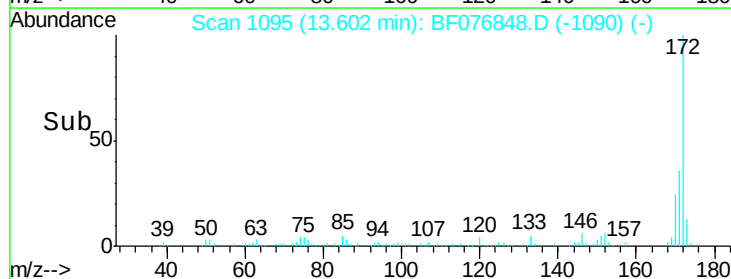
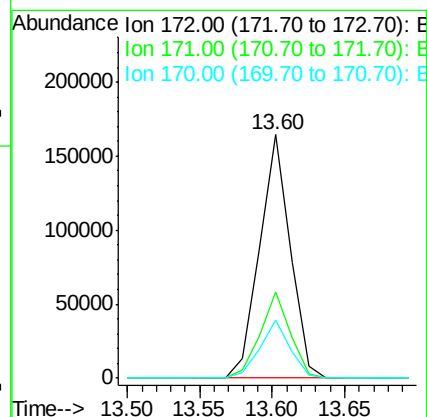
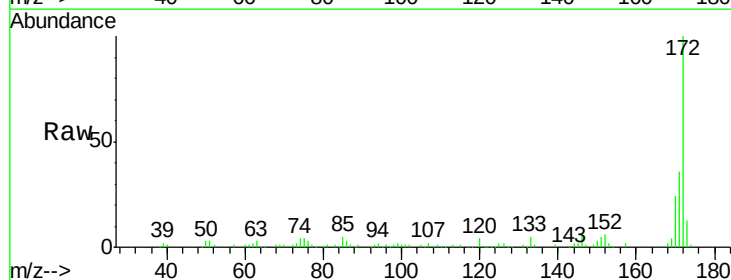
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

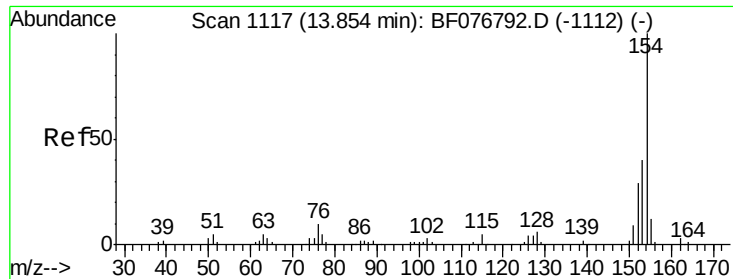
Tot Ion:196 Resp: 34258
 Ion Ratio Lower Upper
 196 100
 198 94.8 73.8 110.8
 97 58.8 41.3 61.9
 132 37.1 23.4 35.2#



#44
 2-Fluorobiphenyl
 Concen: 47.31 ng
 RT: 13.60 min Scan# 1095
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:172 Resp: 240351
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.8
 170 23.6 18.8 28.2

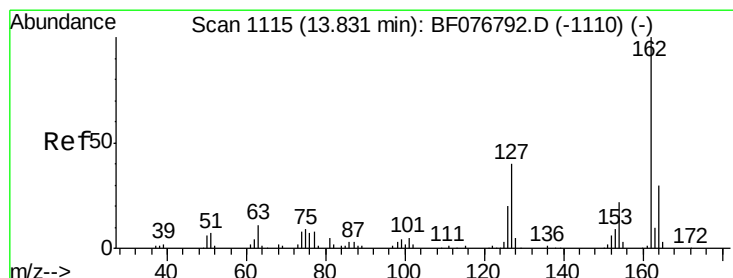
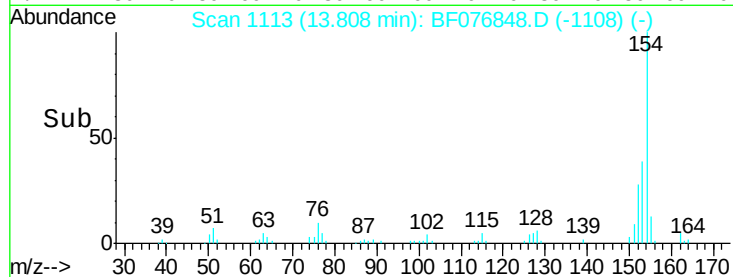
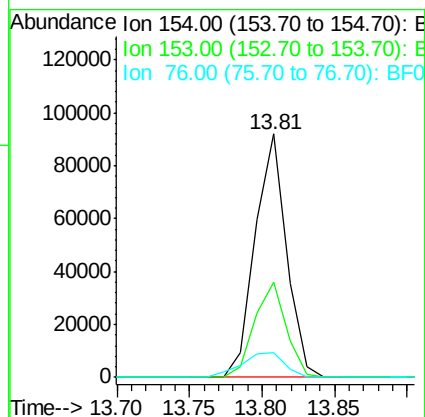
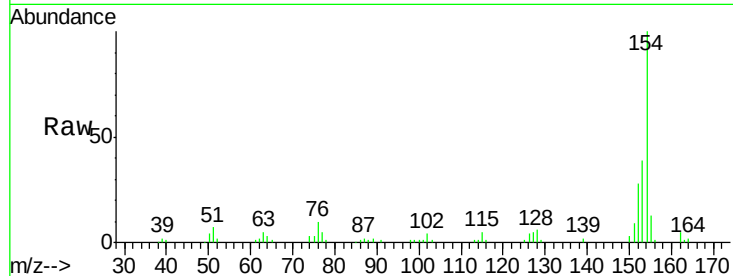




#45
 1,1'-Biphenyl
 Concen: 24.04 ng
 RT: 13.81 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

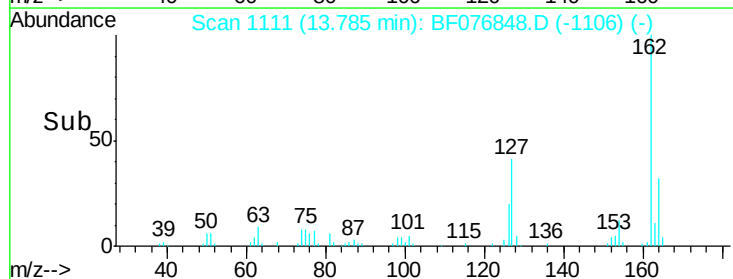
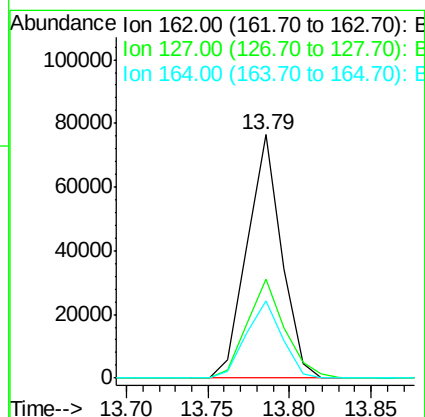
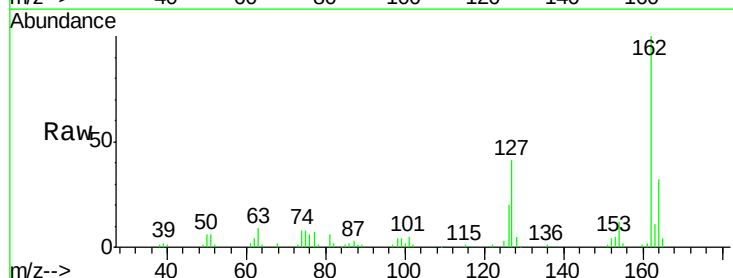
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

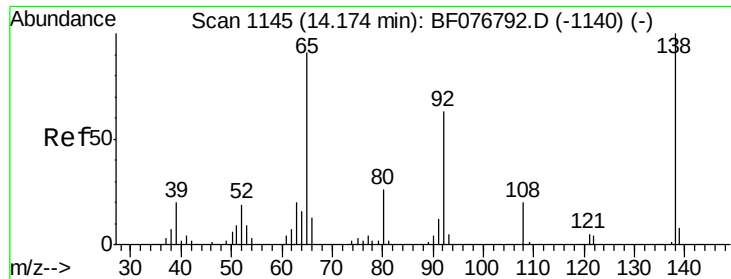
Tot Ion:154 Resp: 138170
 Ion Ratio Lower Upper
 154 100
 153 39.0 19.9 59.9
 76 10.2 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 24.09 ng
 RT: 13.79 min Scan# 1111
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:162 Resp: 111292
 Ion Ratio Lower Upper
 162 100
 127 40.7 31.8 47.6
 164 31.6 24.1 36.1

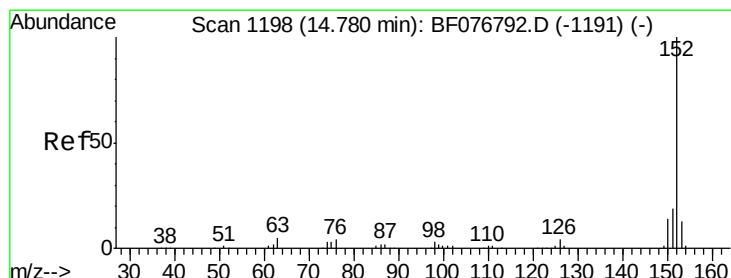
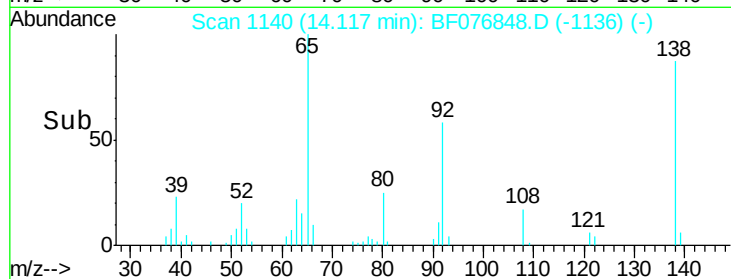
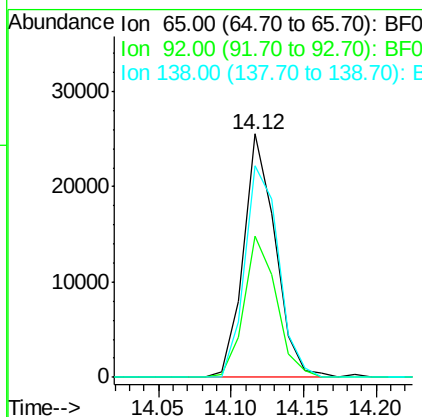
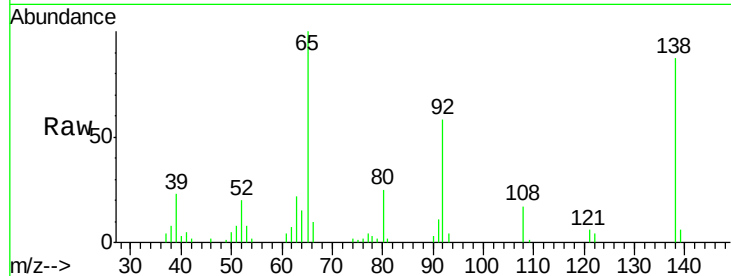




#47
2-Nitroaniline
Concen: 28.35 ng
RT: 14.12 min Scan# 1140
Delta R.T. -0.06 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

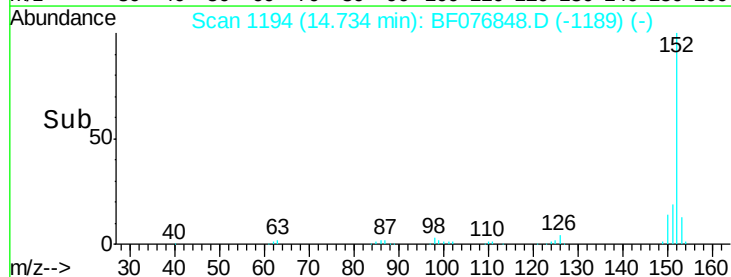
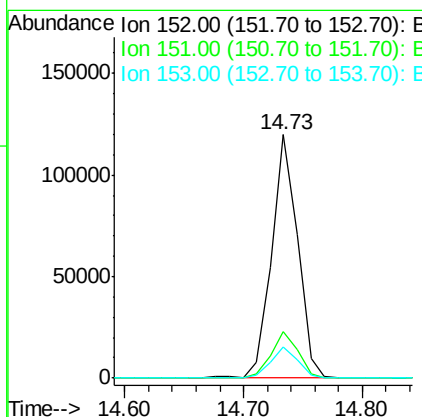
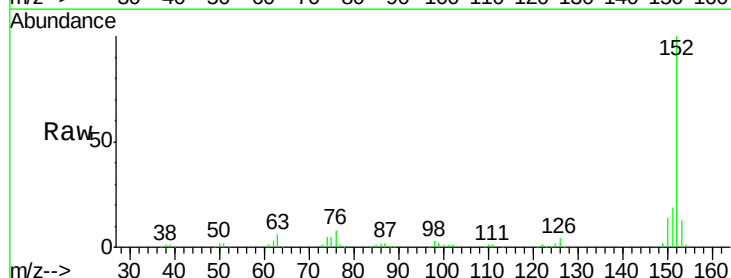
Instrument :
BNA_F
ClientSampleId :
SW-011MSD

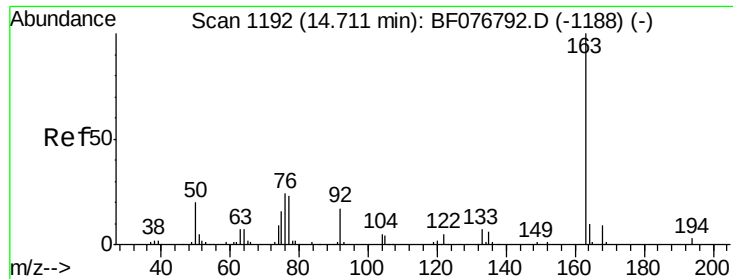
Tot Ion: 65 Resp: 39029
Ion Ratio Lower Upper
65 100
92 57.8 56.0 84.0
138 86.7 88.2 132.4#



#48
Acenaphthylene
Concen: 23.25 ng
RT: 14.73 min Scan# 1194
Delta R.T. -0.05 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion: 152 Resp: 182053
Ion Ratio Lower Upper
152 100
151 18.9 15.2 22.8
153 13.0 10.5 15.7

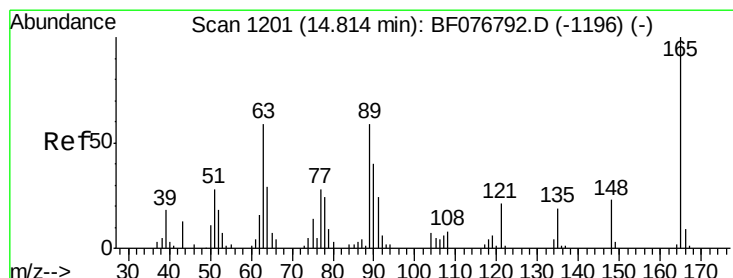
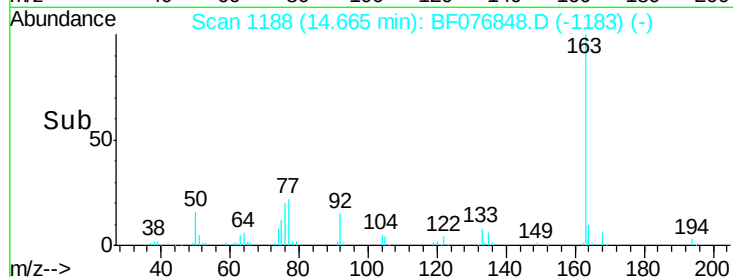
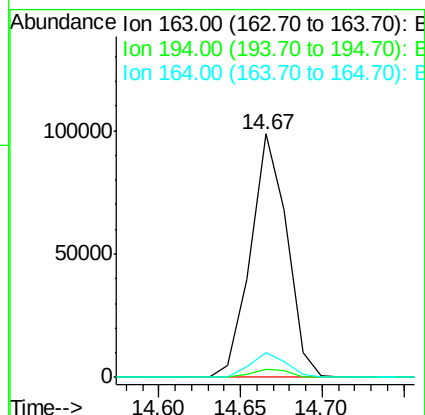
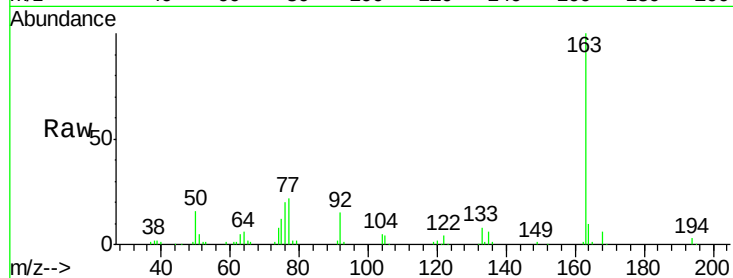




#49
Dimethylphthalate
Concen: 27.96 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

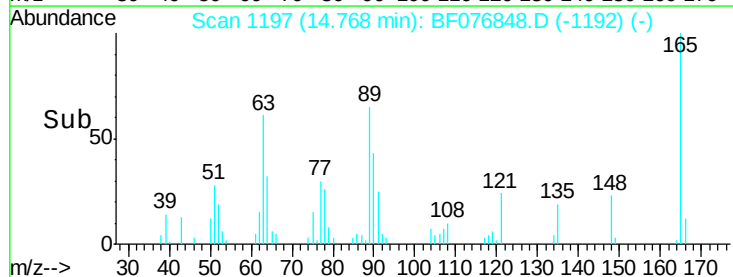
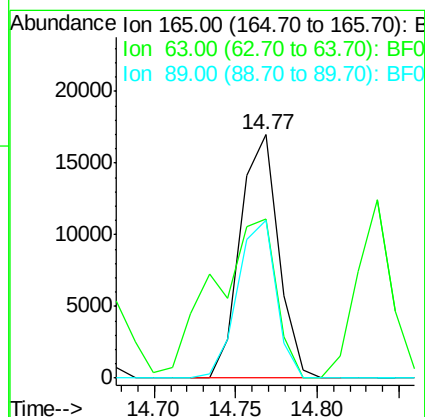
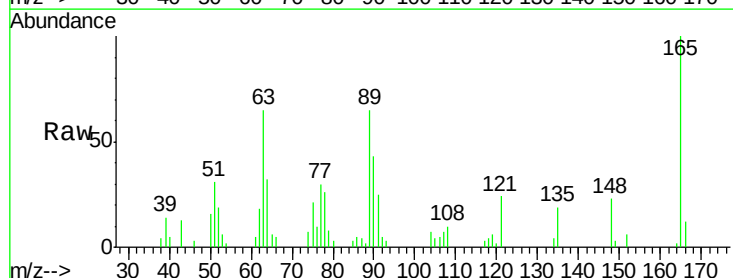
Instrument :
BNA_F
ClientSampleId :
SW-011MSD

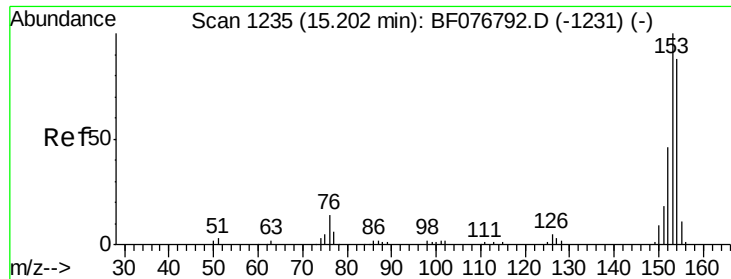
Tot Ion:163 Resp: 151950
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 23.88 ng
RT: 14.77 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:165 Resp: 27515
Ion Ratio Lower Upper
165 100
63 65.3 49.8 74.8
89 64.9 46.8 70.2





#51

Acenaphthene

Concen: 23.65 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

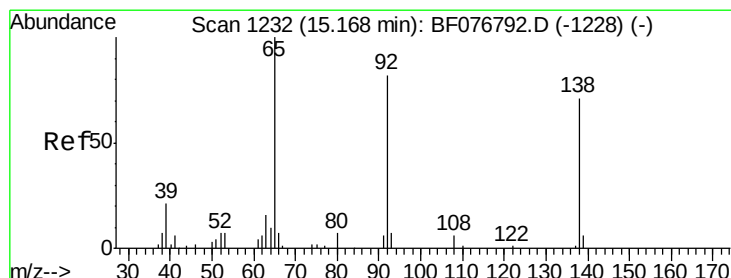
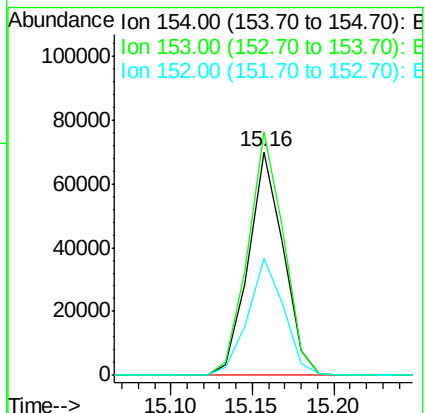
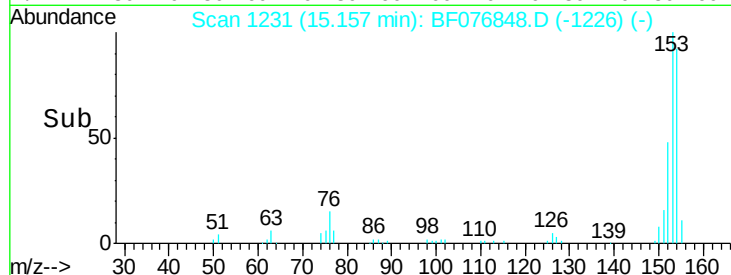
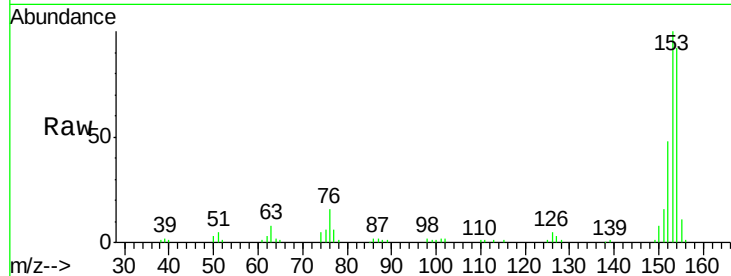
Tot Ion:154 Resp: 104598

Ion Ratio Lower Upper

154 100

153 109.0 91.0 136.6

152 52.2 42.2 63.2



#52

3-Nitroaniline

Concen: 18.54 ng

RT: 15.11 min Scan# 1227

Delta R.T. -0.06 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

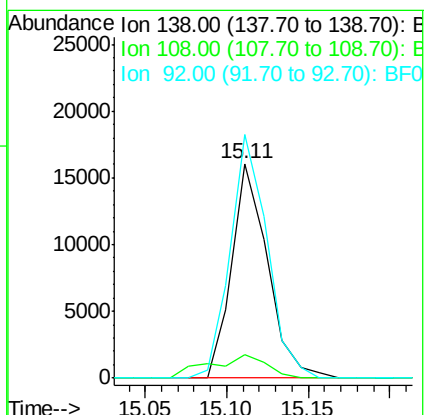
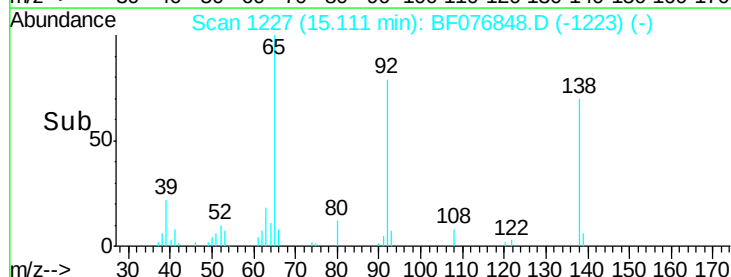
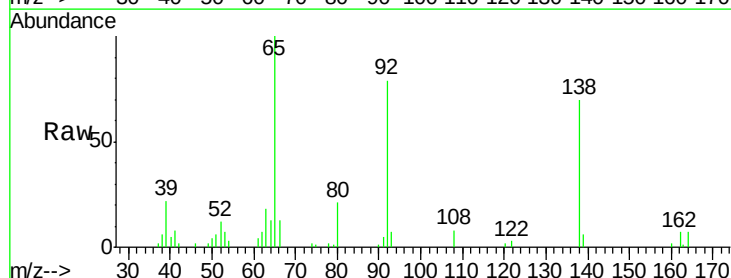
Tgt Ion:138 Resp: 24419

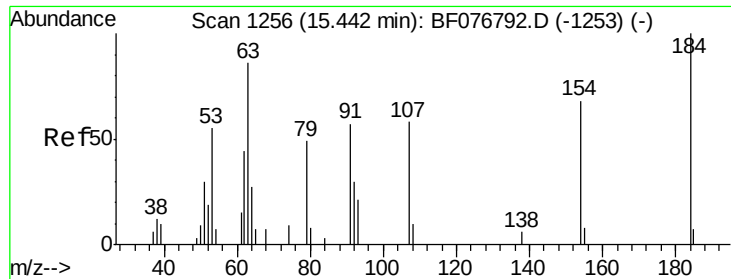
Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

92 113.6 92.0 138.0

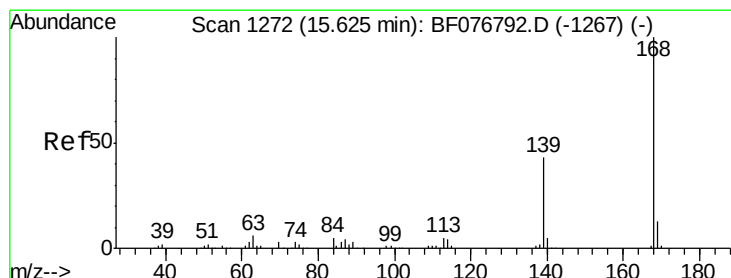
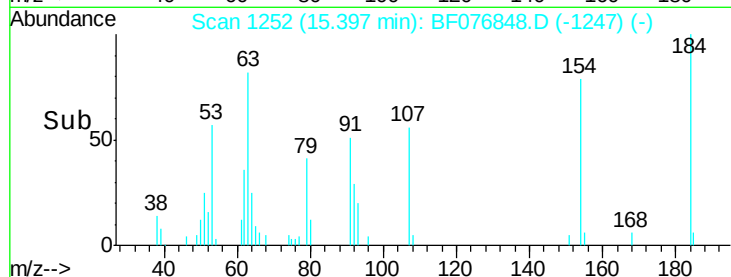
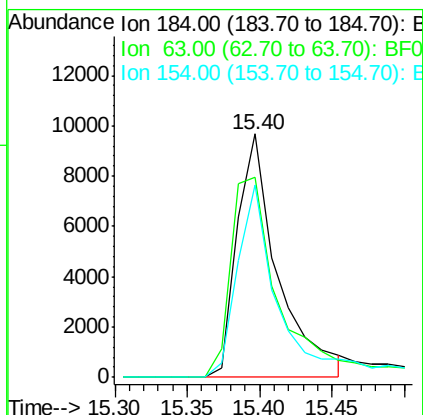
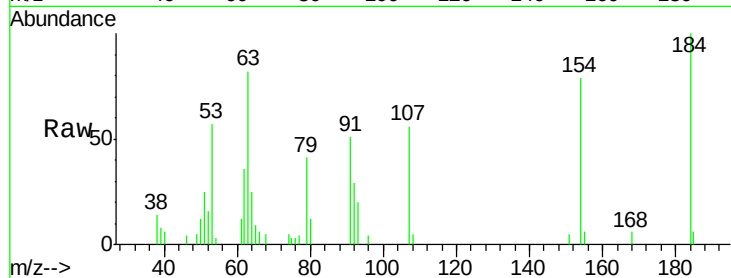




#53
 2,4-Dinitrophenol
 Concen: 53.64 ng
 RT: 15.40 min Scan# 1252
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

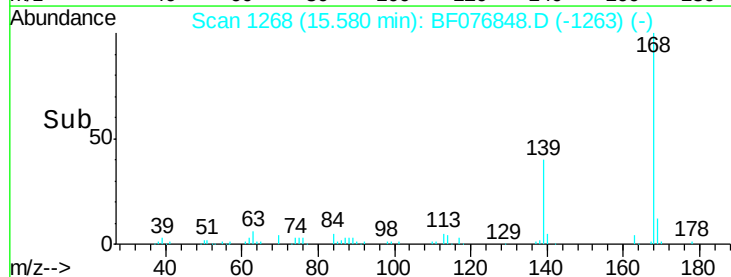
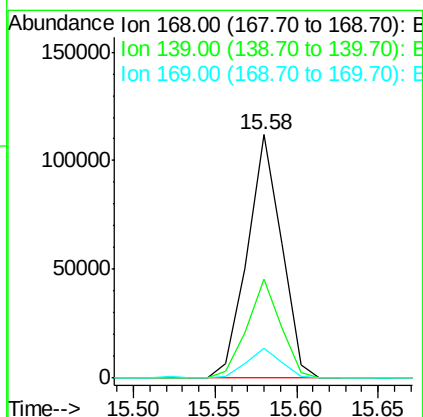
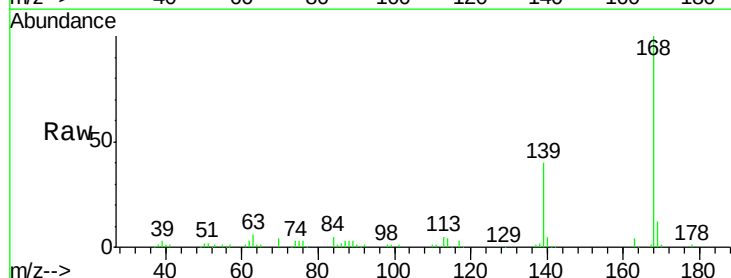
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

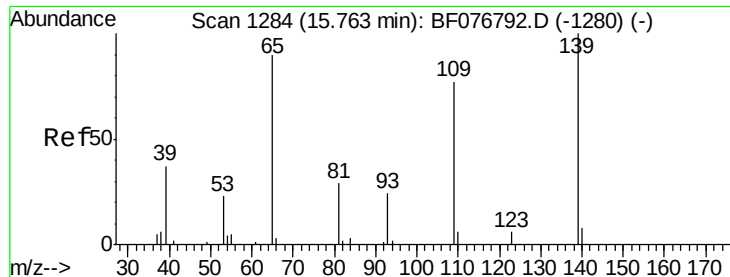
Tot Ion:184 Resp: 18887
 Ion Ratio Lower Upper
 184 100
 63 82.1 68.6 102.8
 154 78.8 54.8 82.2



#54
 Dibenzofuran
 Concen: 25.13 ng
 RT: 15.58 min Scan# 1268
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:168 Resp: 162597
 Ion Ratio Lower Upper
 168 100
 139 40.5 34.2 51.4
 169 12.4 10.5 15.7

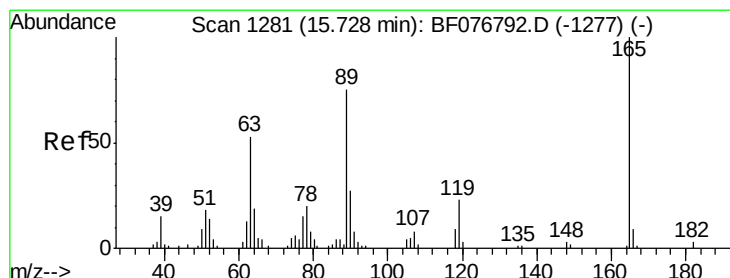
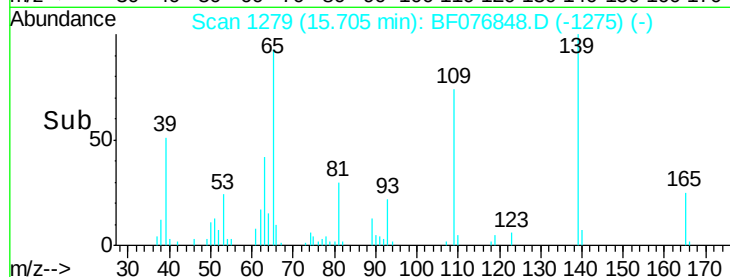
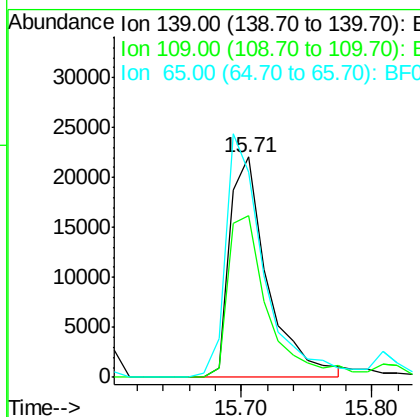
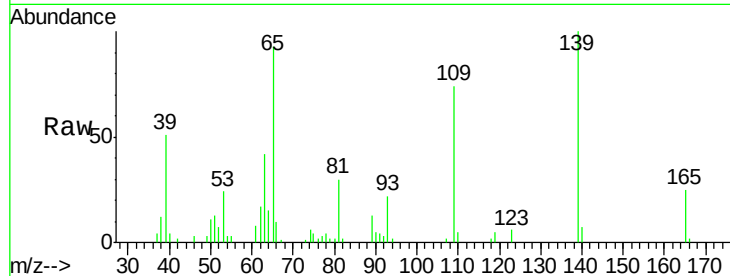




#55
4-Nitrophenol
Concen: 52.83 ng
RT: 15.71 min Scan# 1279
Delta R.T. -0.06 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

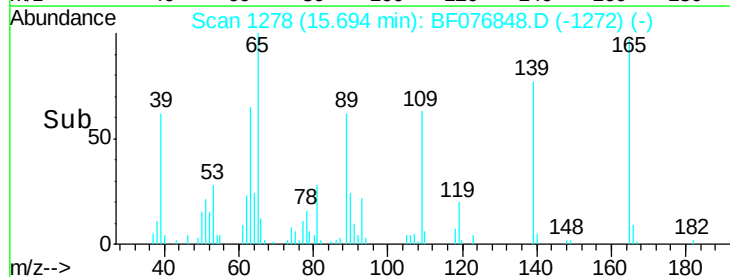
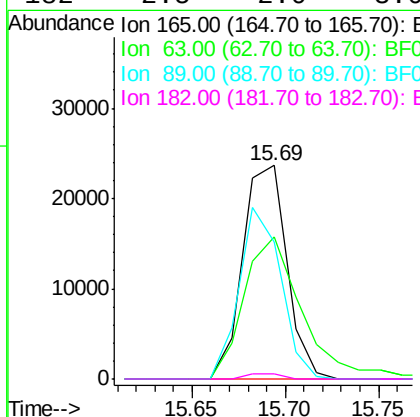
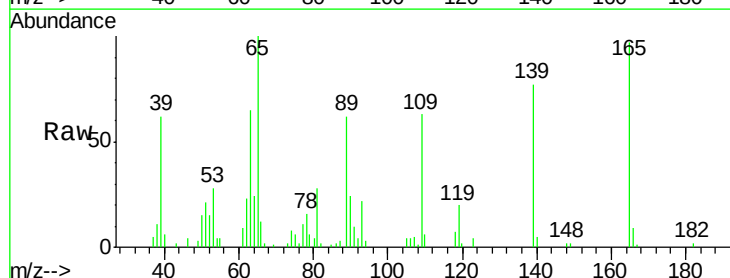
Instrument :
BNA_F
ClientSampleId :
SW-011MSD

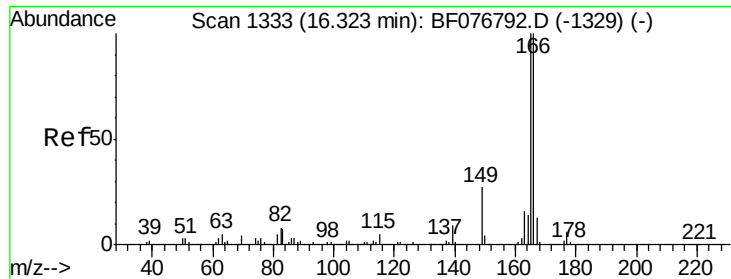
Tot Ion:139 Resp: 44785
Ion Ratio Lower Upper
139 100
109 73.5 57.5 97.5
65 93.2 77.3 117.3



#56
2,4-Dinitrotoluene
Concen: 26.43 ng
RT: 15.69 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:165 Resp: 38885
Ion Ratio Lower Upper
165 100
63 66.8 42.5 63.7#
89 64.2 60.2 90.2
182 2.5 2.0 3.0





#57

Fluorene

Concen: 24.03 ng

RT: 16.29 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

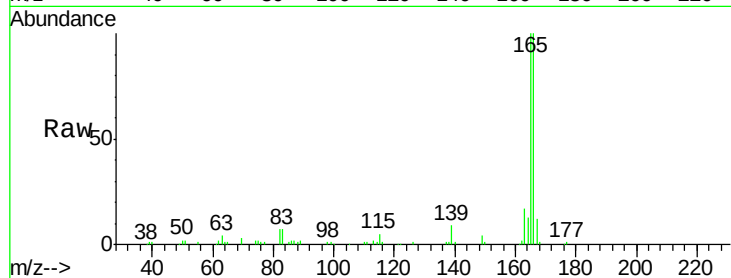
Tot Ion:166 Resp: 129822

Ion Ratio Lower Upper

166 100

165 99.8 79.6 119.4

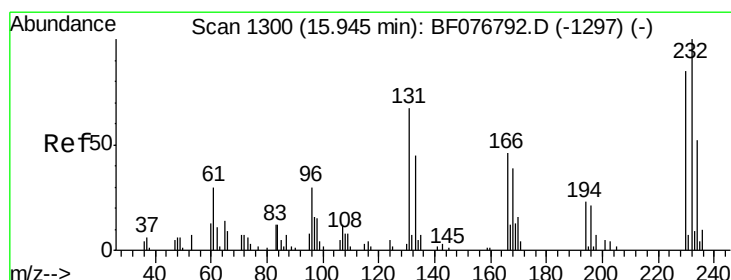
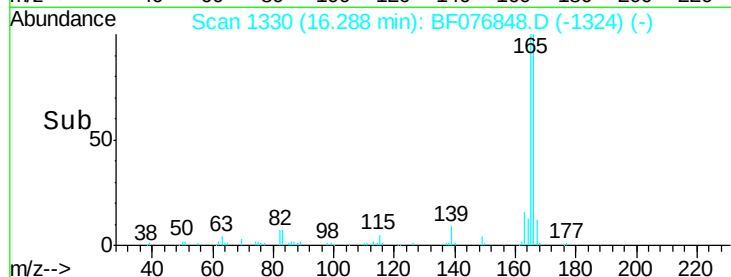
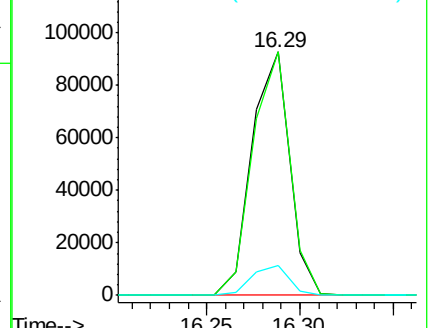
167 12.0 10.2 15.2



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: 25.07 ng

RT: 15.91 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Tgt Ion:232 Resp: 25723

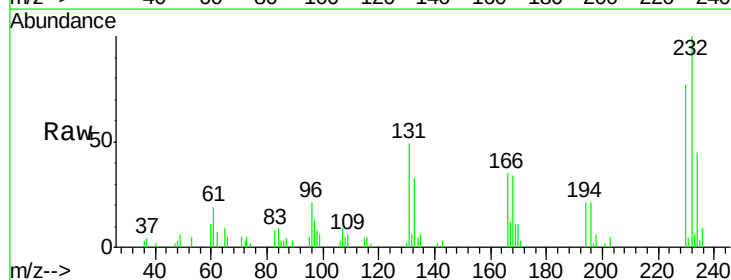
Ion Ratio Lower Upper

232 100

131 57.5 49.4 74.0

130 2.1 2.4 3.6#

166 37.4 32.8 49.2

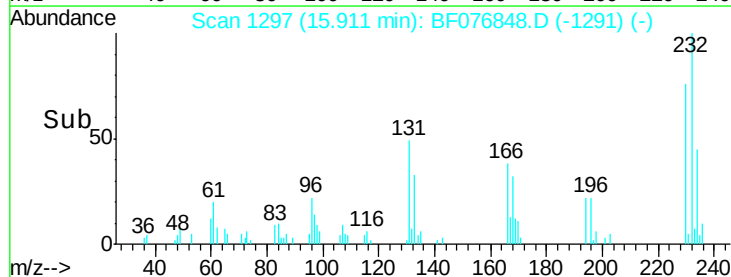
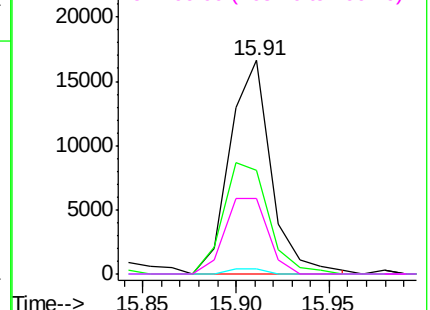


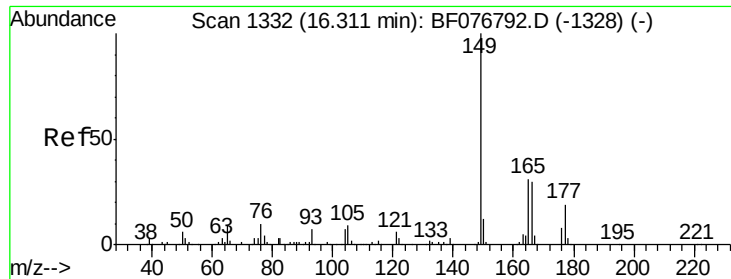
Abundance Ion 232.00 (231.70 to 232.70): E

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

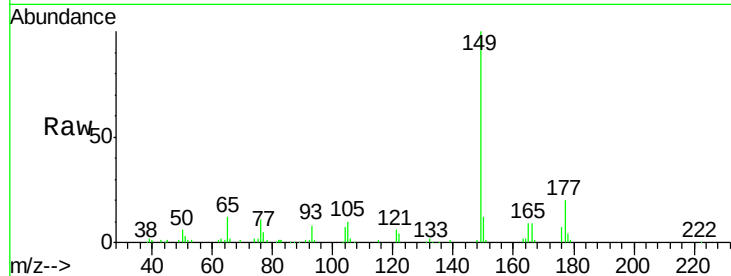




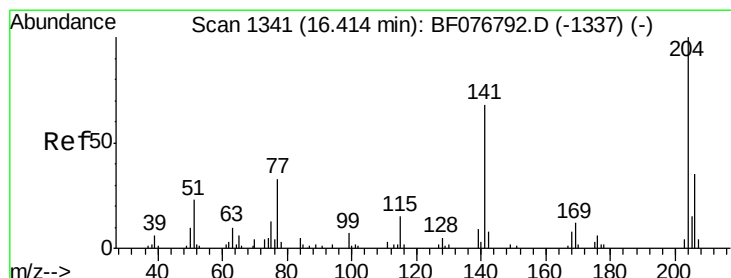
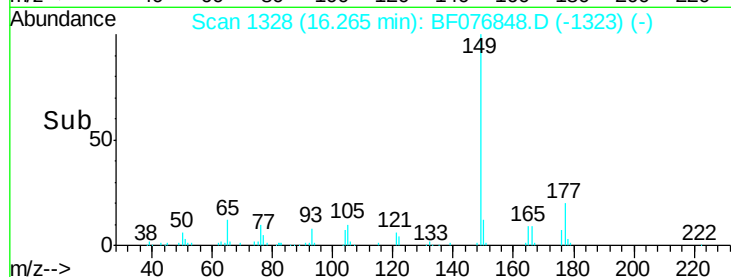
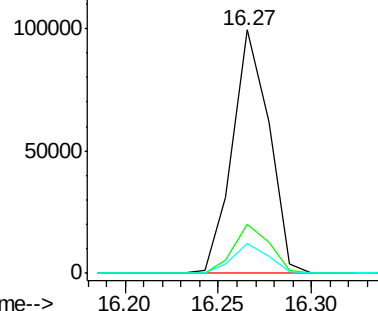
#59
Diethylphthalate
Concen: 24.17 ng
RT: 16.27 min Scan# 1328
Delta R.T. -0.05 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SW-011MSD

Tot Ion:149 Resp: 135326
Ion Ratio Lower Upper
149 100
177 20.4 15.4 23.2
150 12.3 9.4 14.0

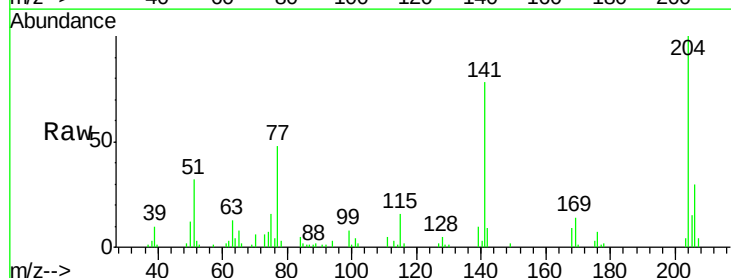


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

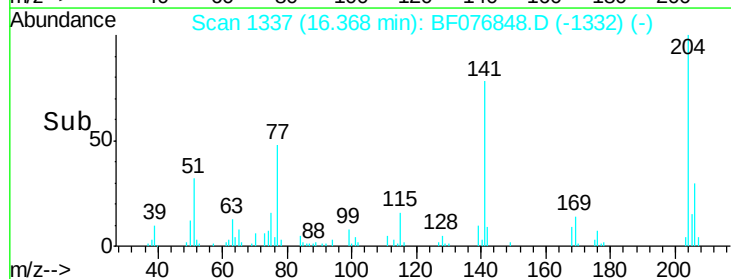
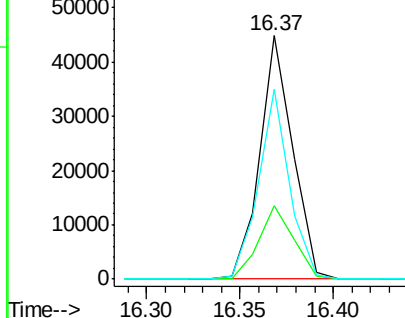


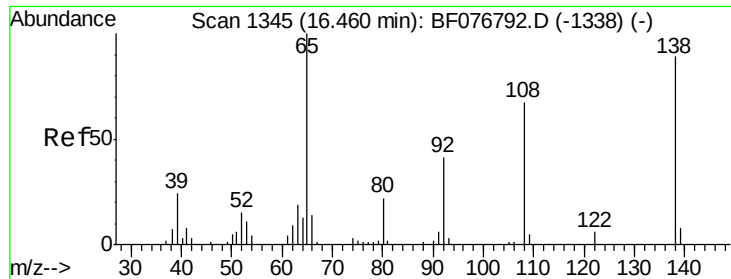
#60
4-Chlorophenyl-phenylether
Concen: 23.92 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.05 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:204 Resp: 55470
Ion Ratio Lower Upper
204 100
206 30.1 27.7 41.5
141 78.2 54.6 82.0



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

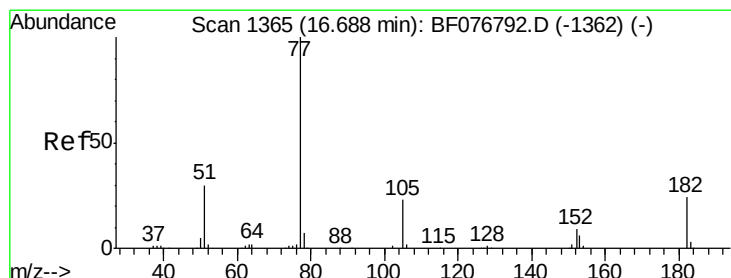
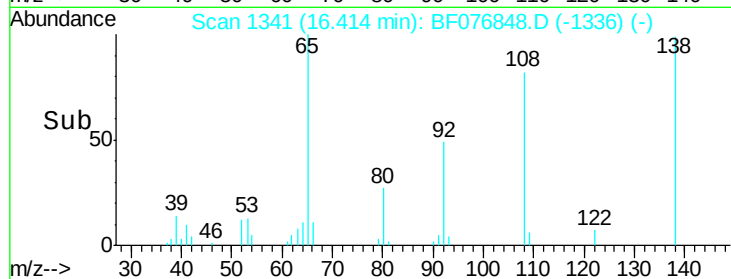
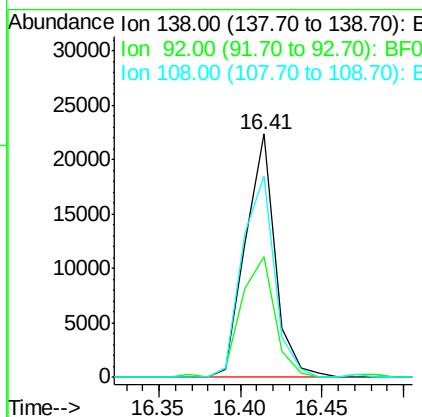
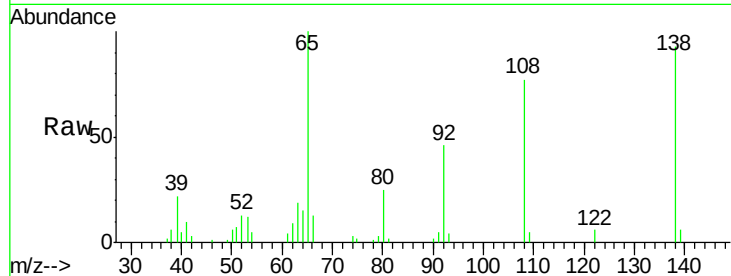




#61
4-Nitroaniline
Concen: 23.14 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.05 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

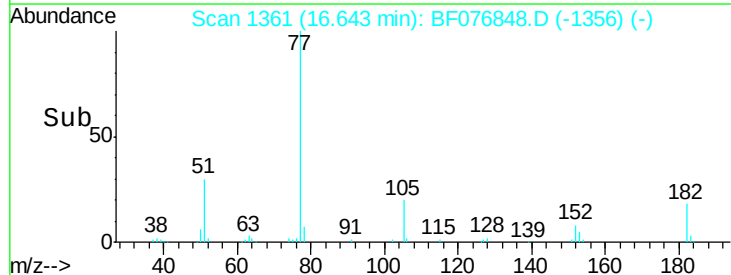
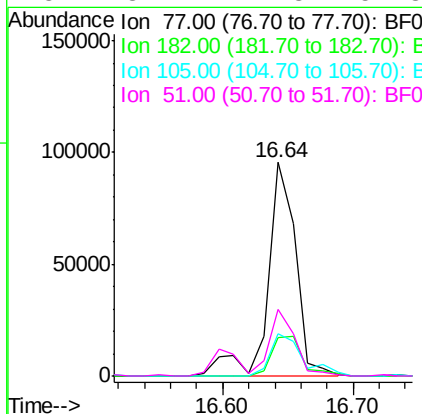
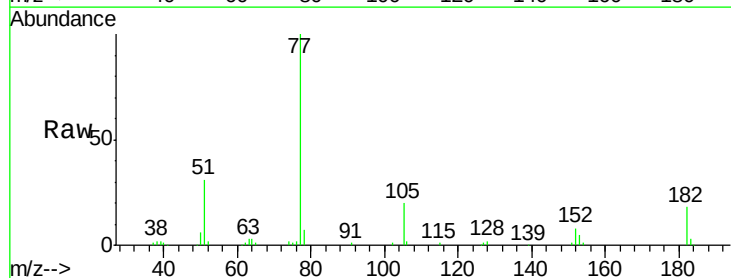
Instrument :
BNA_F
ClientSampleId :
SW-011MSD

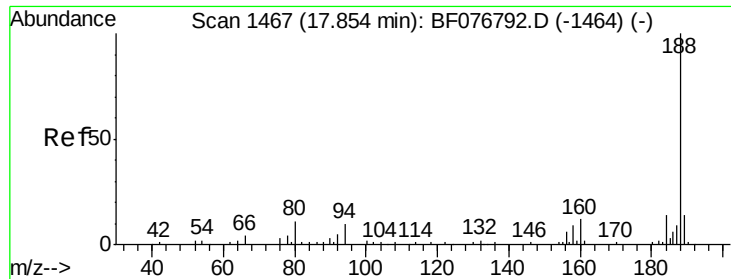
Tot Ion:138 Resp: 28192
Ion Ratio Lower Upper
138 100
92 49.8 26.3 66.3
108 82.9 54.5 94.5



#62
Azobenzene
Concen: 25.22 ng
RT: 16.64 min Scan# 1361
Delta R.T. -0.05 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion: 77 Resp: 144728
Ion Ratio Lower Upper
77 100
182 18.2 3.7 43.7
105 20.0 2.7 42.7
51 31.4 11.8 51.8

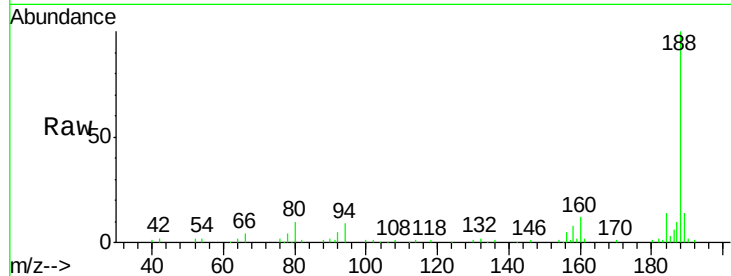




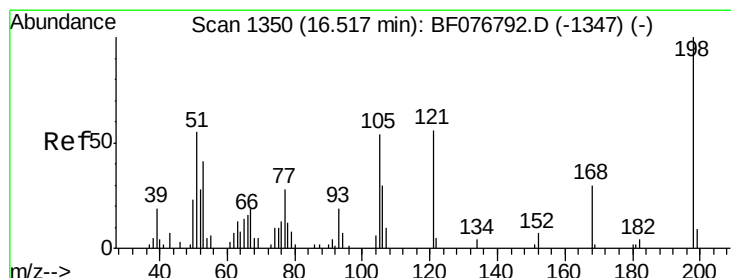
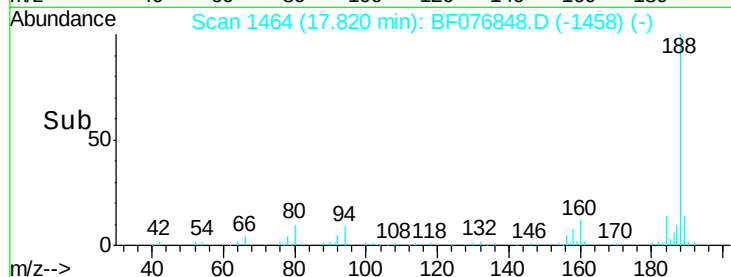
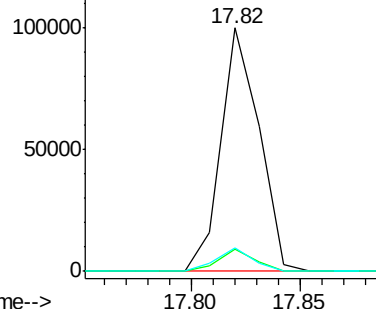
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SW-011MSD

Tot Ion:188 Resp: 123116
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.8 8.6 13.0

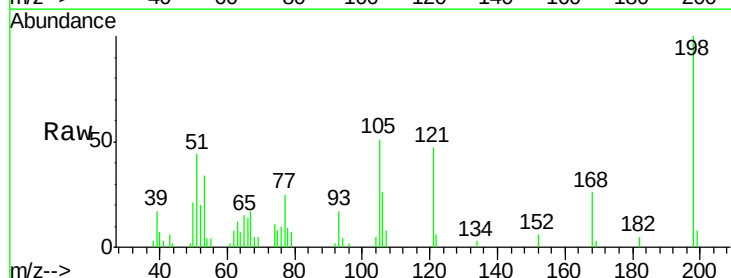


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

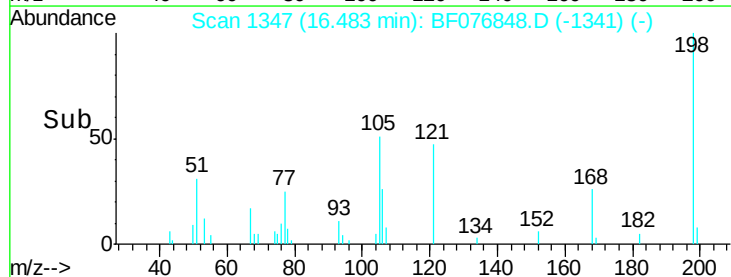
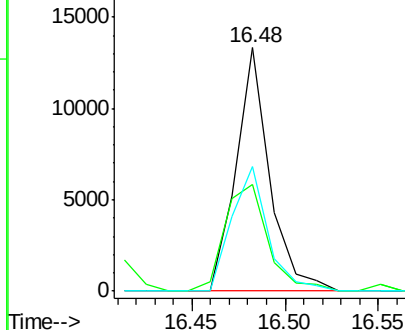


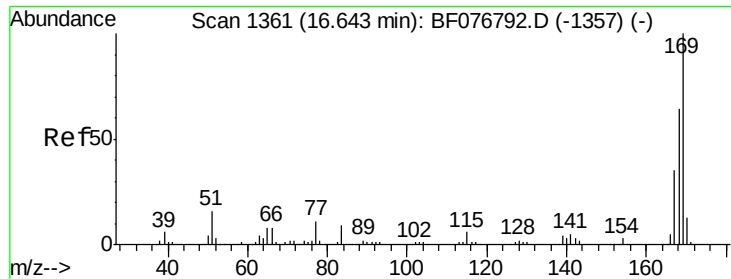
#64
4,6-Dinitro-2-methylphenol
Concen: 23.93 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:198 Resp: 16715
Ion Ratio Lower Upper
198 100
51 43.6 35.2 75.2
105 50.9 34.2 74.2



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

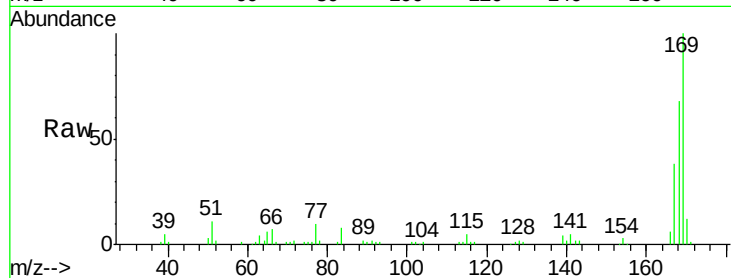




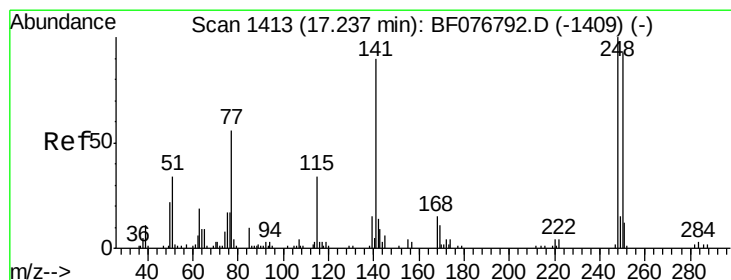
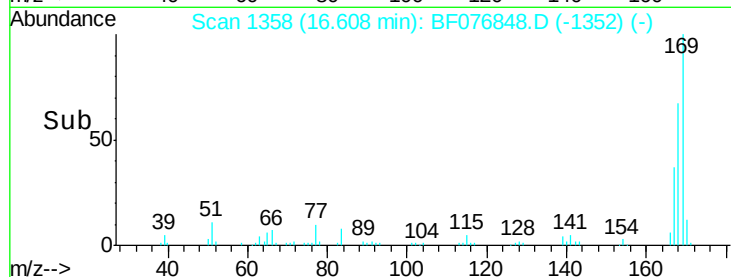
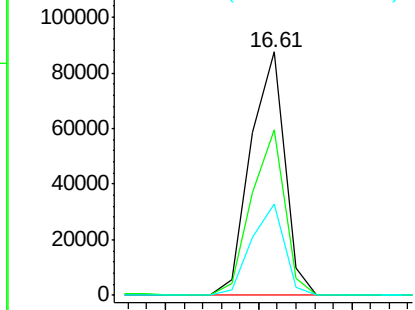
#65
 n-Nitrosodiphenylamine
 Concen: 24.77 ng
 RT: 16.61 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

Tot Ion:169 Resp: 110761
 Ion Ratio Lower Upper
 169 100
 168 67.9 51.2 76.8
 167 37.5 28.2 42.2

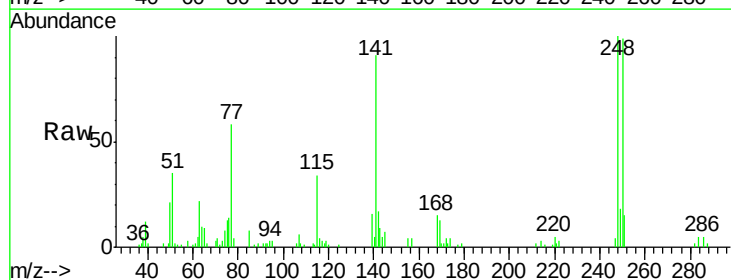


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

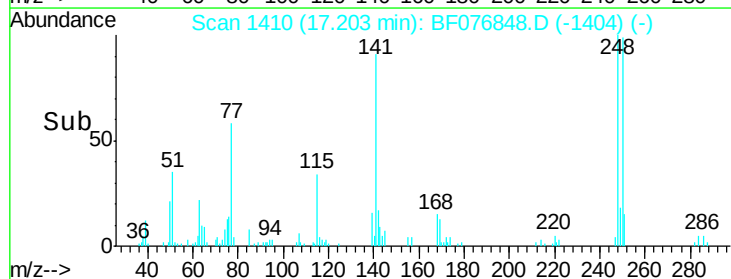
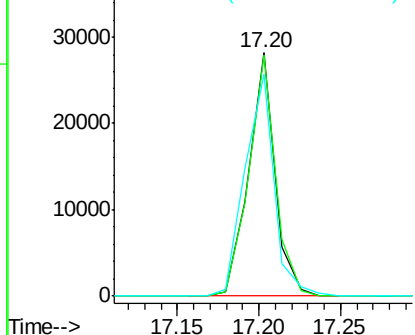


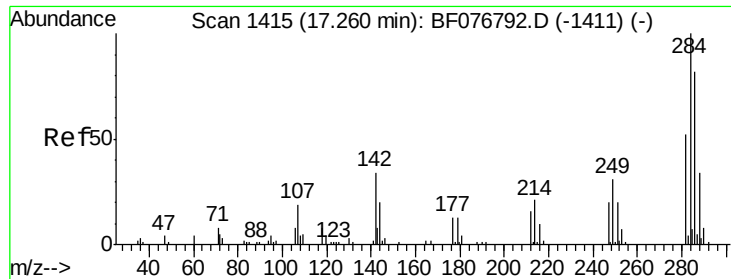
#66
 4-Bromophenyl-phenylether
 Concen: 24.64 ng
 RT: 17.20 min Scan# 1410
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:248 Resp: 31474
 Ion Ratio Lower Upper
 248 100
 250 98.9 74.7 112.1
 141 91.1 71.8 107.6



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

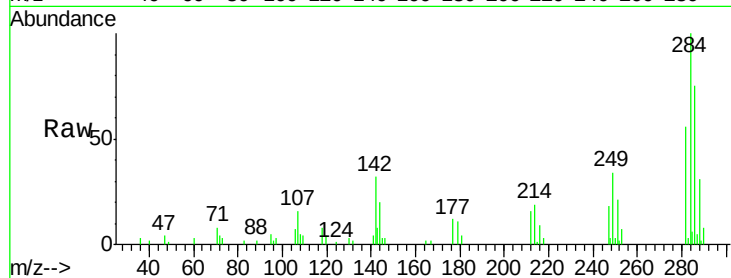




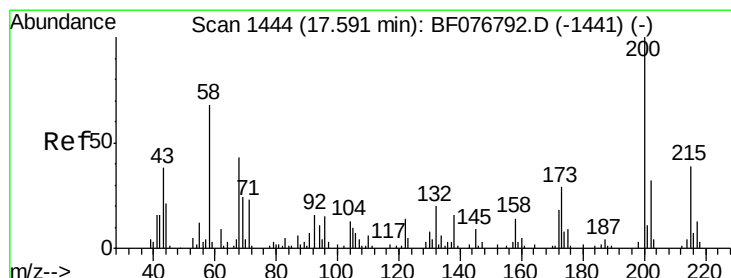
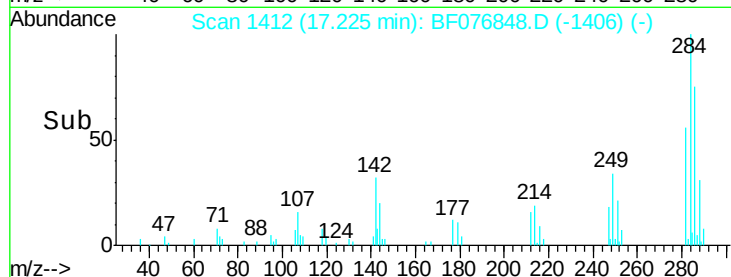
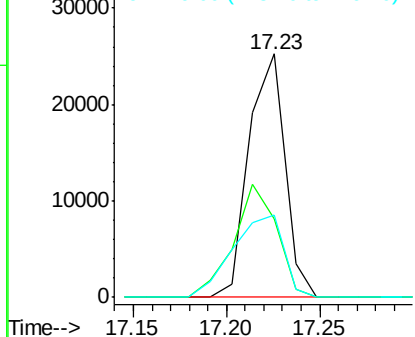
#67
Hexachlorobenzene
Concen: 25.34 ng
RT: 17.23 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SW-011MSD

Tot Ion:284 Resp: 33870
Ion Ratio Lower Upper
284 100
142 32.3 27.5 41.3
249 33.7 24.5 36.7

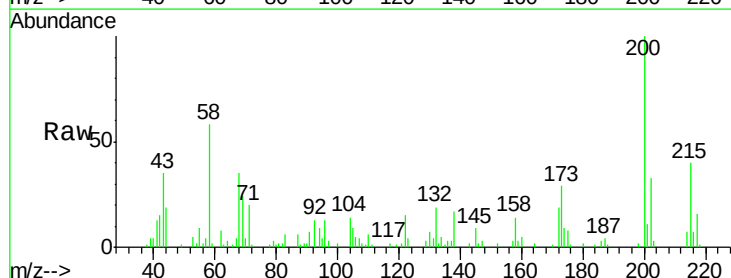


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

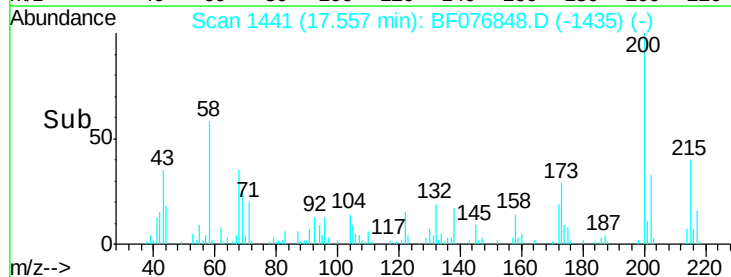
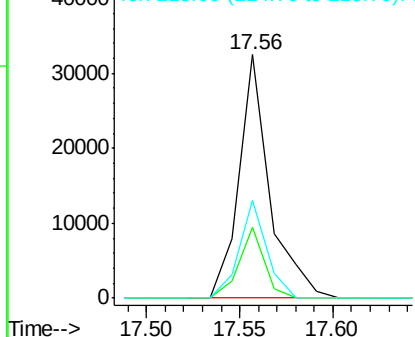


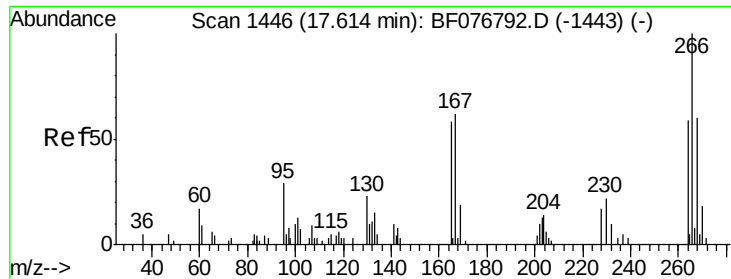
#68
Atrazine
Concen: 27.57 ng
RT: 17.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:200 Resp: 37342
Ion Ratio Lower Upper
200 100
173 29.3 9.2 49.2
215 40.3 19.2 59.2



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

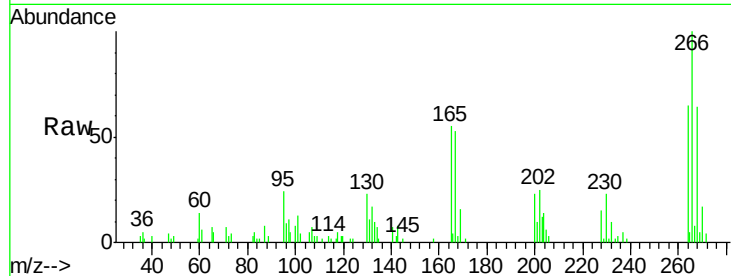




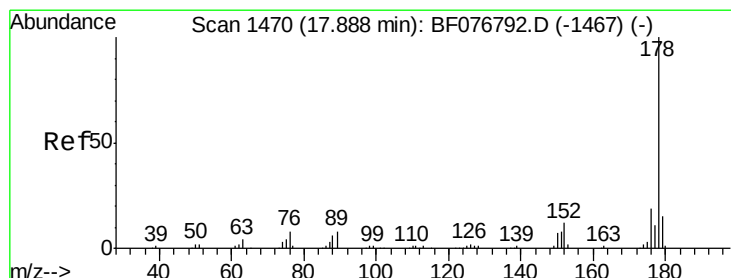
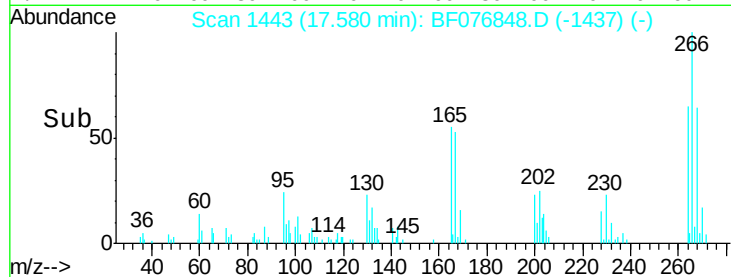
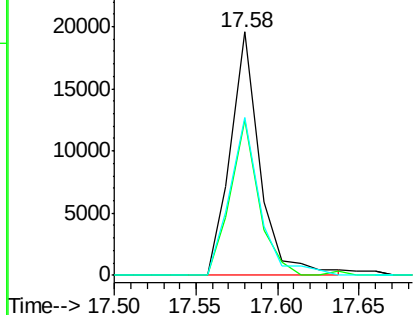
#69
 Pentachlorophenol
 Concen: 47.28 ng
 RT: 17.58 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

Tot Ion:266 Resp: 24379
 Ion Ratio Lower Upper
 266 100
 268 63.8 48.1 72.1
 264 65.0 47.1 70.7

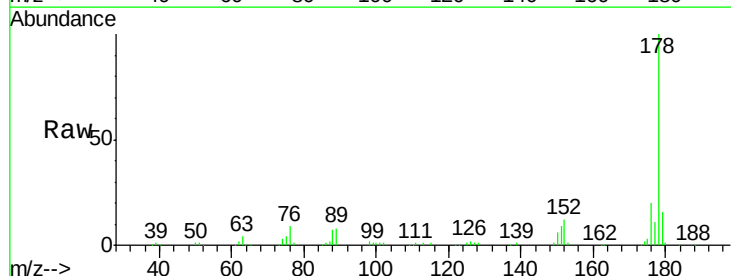


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

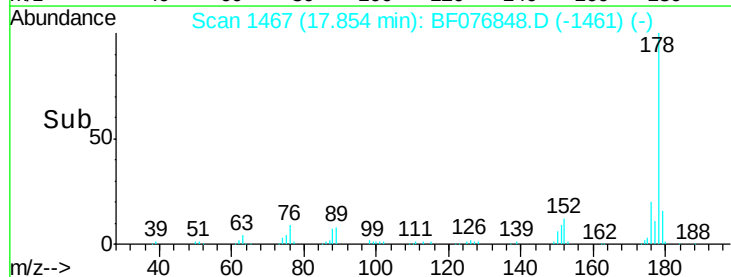
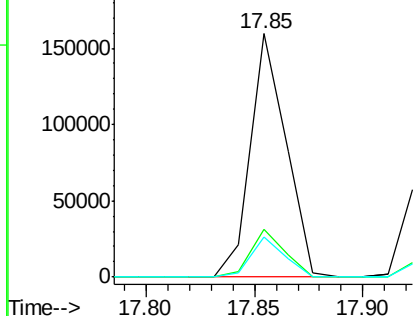


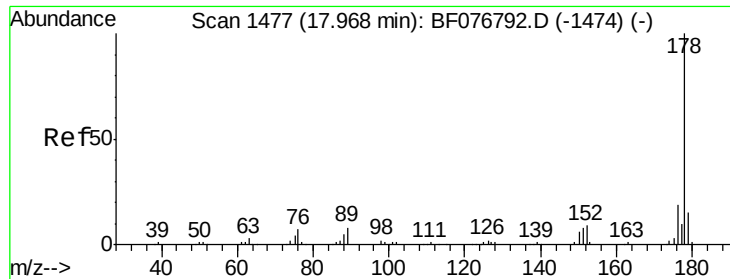
#70
 Phenanthrene
 Concen: 23.79 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:178 Resp: 182550
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.2 22.8
 179 16.2 11.8 17.8



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

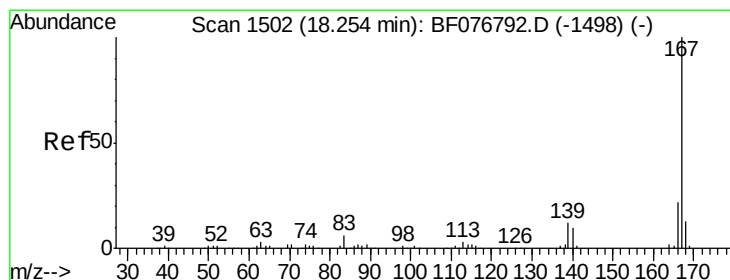
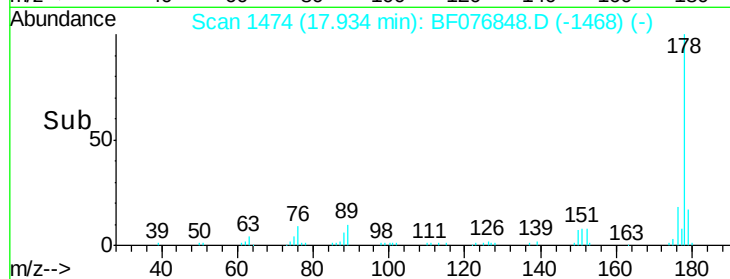
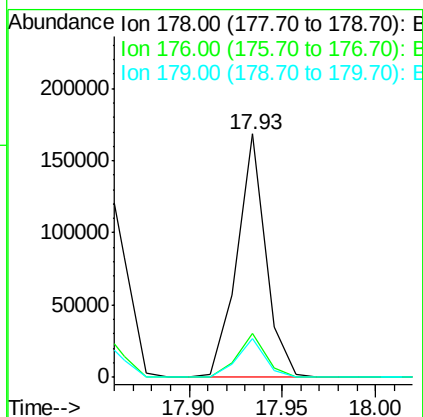
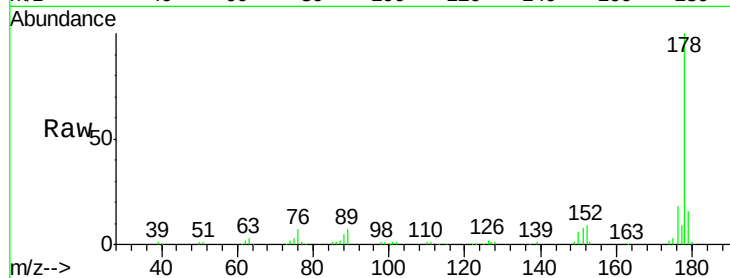




#71
 Anthracene
 Concen: 24.33 ng
 RT: 17.93 min Scan# 1474
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

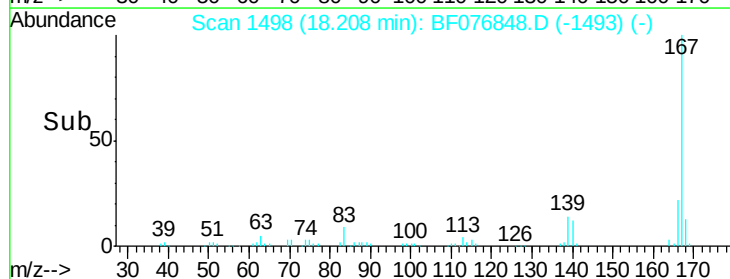
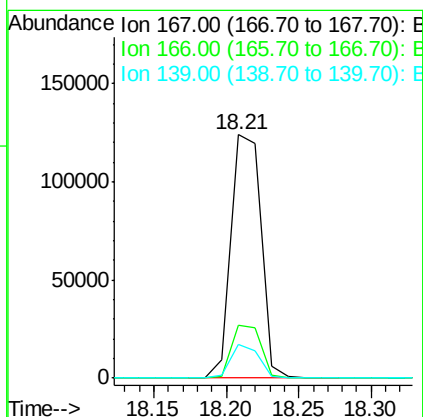
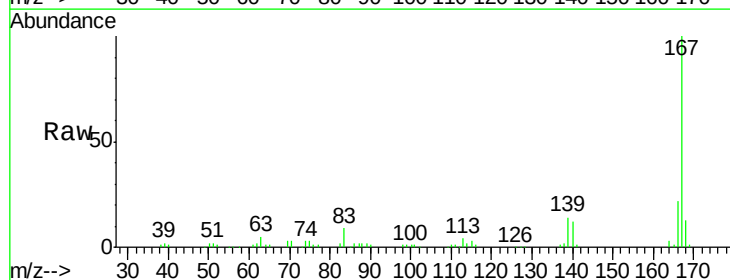
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

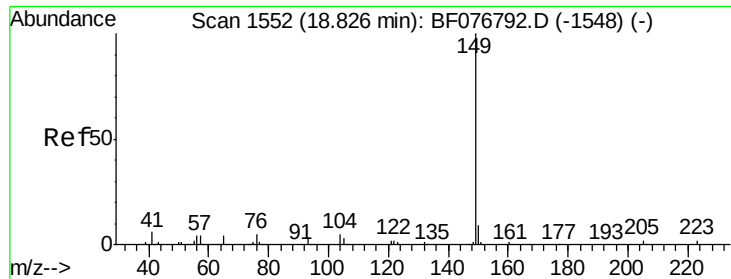
Tot Ion:178 Resp: 181325
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.3 22.9
 179 15.8 12.2 18.4



#72
 Carbazole
 Concen: 24.48 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:167 Resp: 178862
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 14.0 10.0 15.0





#73

Di-n-butylphthalate

Concen: 23.81 ng

RT: 18.79 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

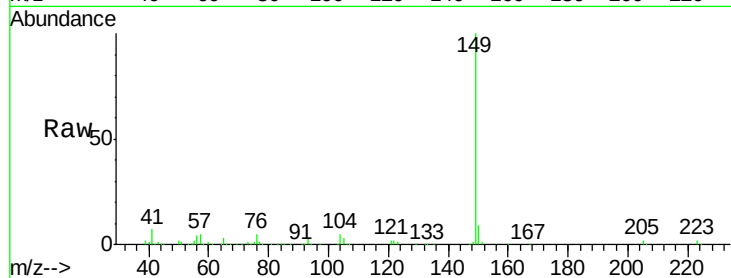
Tot Ion:149 Resp: 206686

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

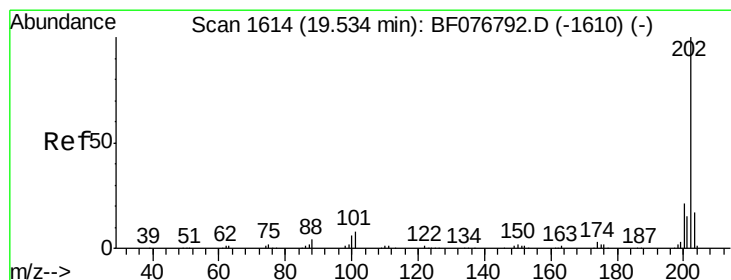
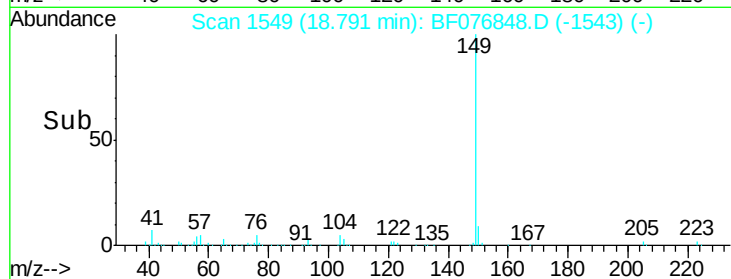
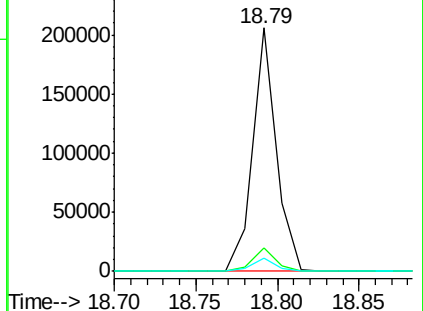
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.79 ng

RT: 19.49 min Scan# 1610

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

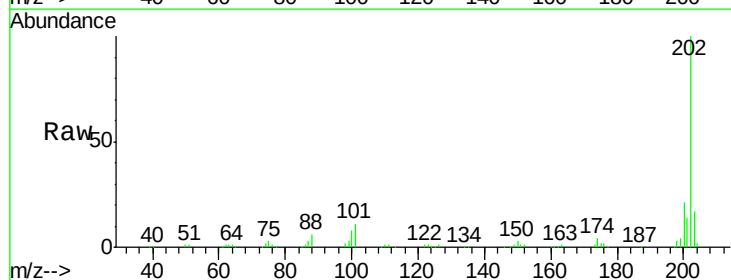
Tgt Ion:202 Resp: 186942

Ion Ratio Lower Upper

202 100

101 11.3 0.0 28.0

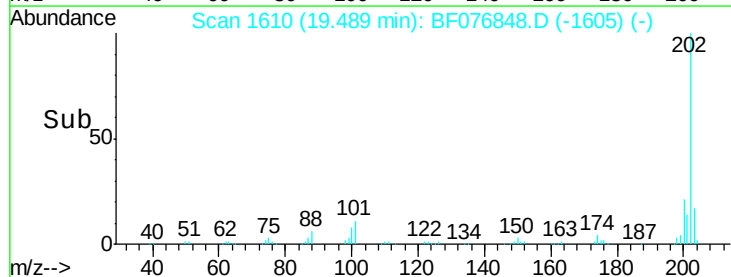
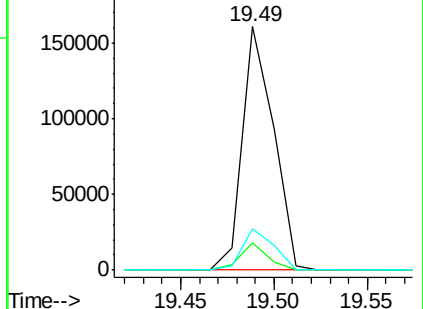
203 17.1 0.0 37.2

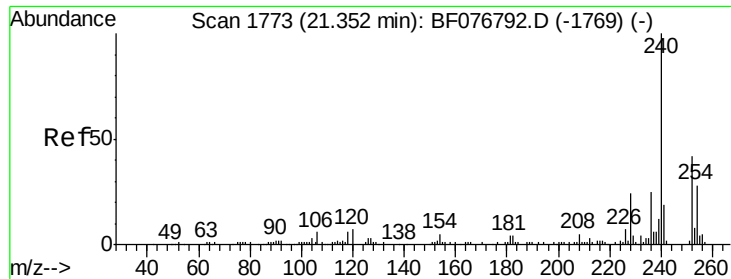


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

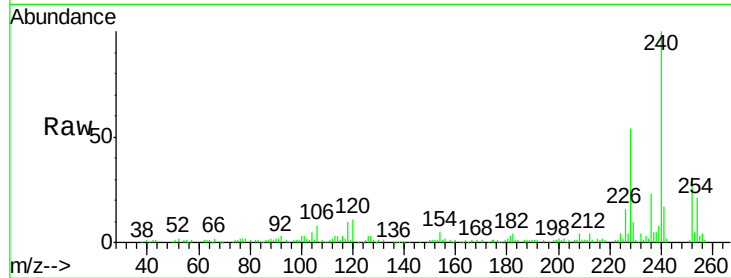
Tot Ion:240 Resp: 122391

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

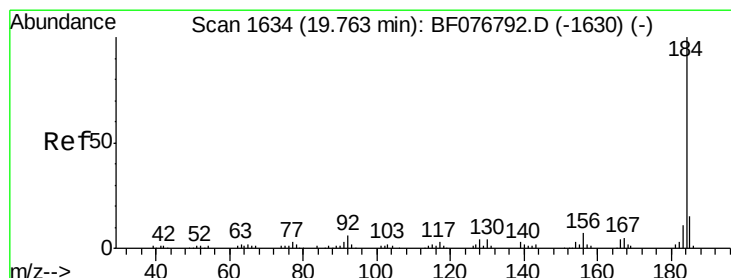
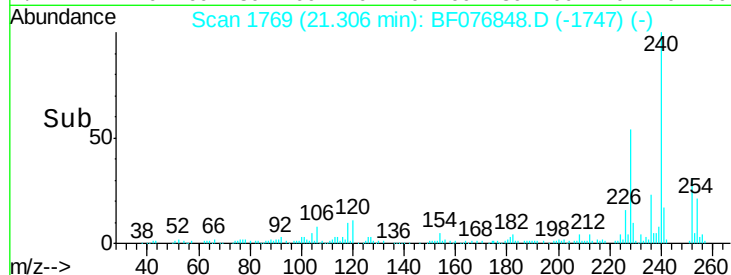
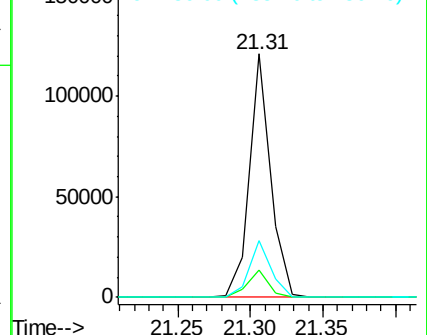
236 23.3 19.7 29.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.18 ng

RT: 19.73 min Scan# 1631

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

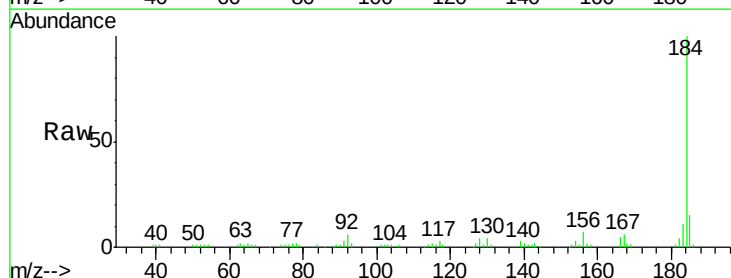
Tgt Ion:184 Resp: 96377

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

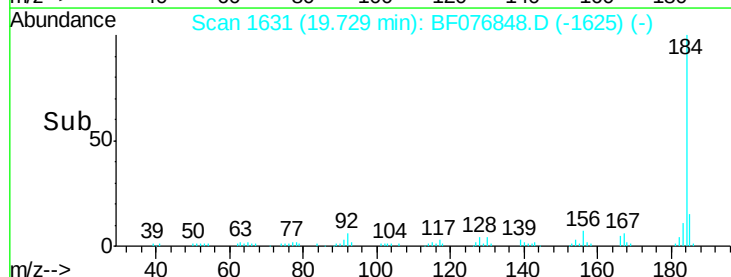
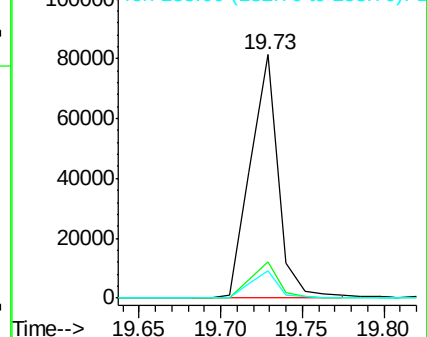
183 11.3 8.7 13.1

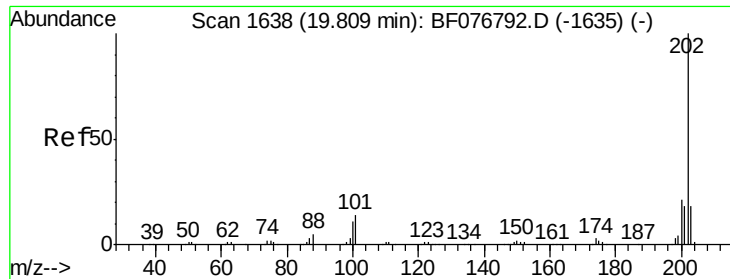


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

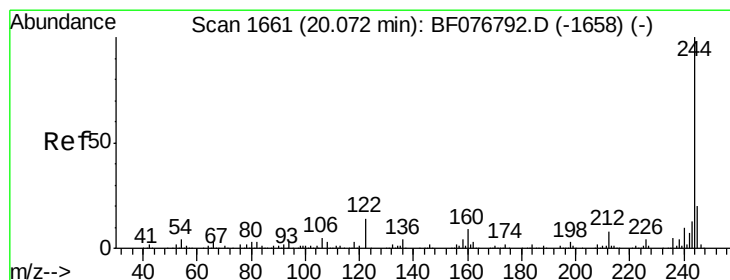
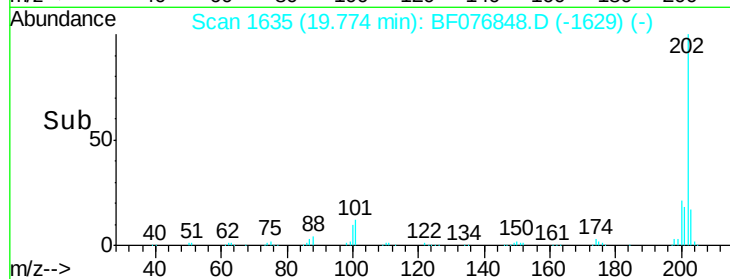
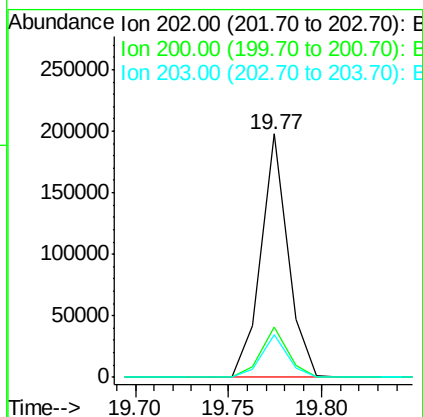
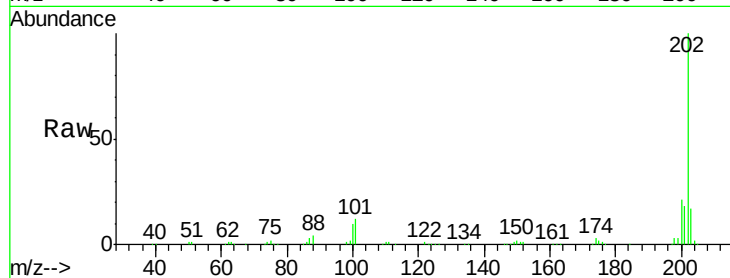




#77
Pvrene
Concen: 22.53 ng
RT: 19.77 min Scan# 1635
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

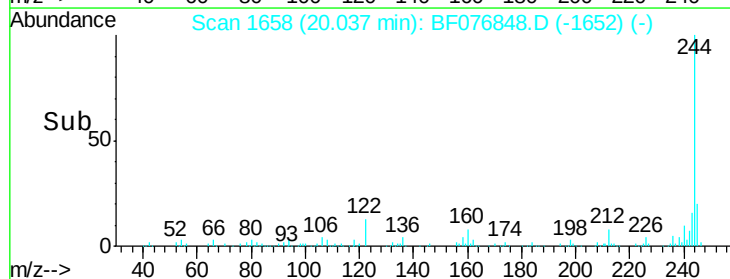
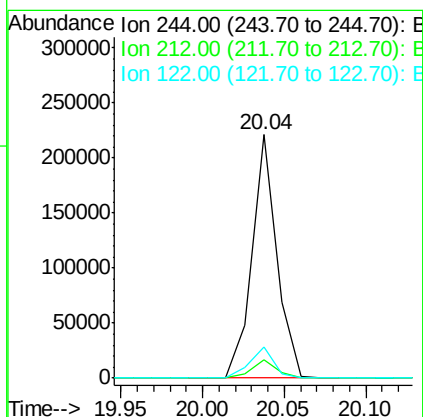
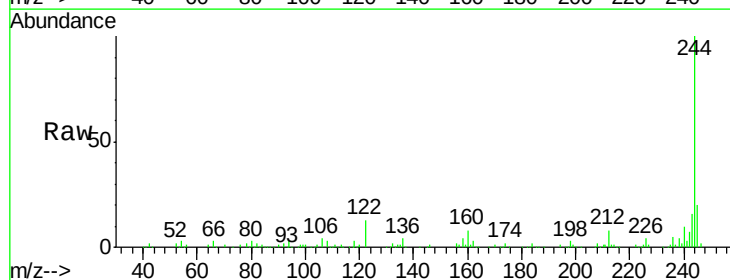
Instrument :
BNA_F
ClientSampleId :
SW-011MSD

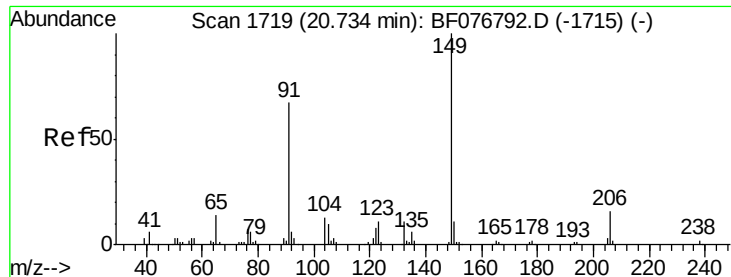
Tot Ion:202 Resp: 198408
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.4 14.6 22.0



#78
Terphenyl-d14
Concen: 41.83 ng
RT: 20.04 min Scan# 1658
Delta R.T. -0.03 min
Lab File: BF076848.D
Acq: 13 Jan 2015 18:01

Tgt Ion:244 Resp: 233172
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 12.6 11.3 16.9





#79

Butylbenzylphthalate

Concen: 22.44 ng

RT: 20.70 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

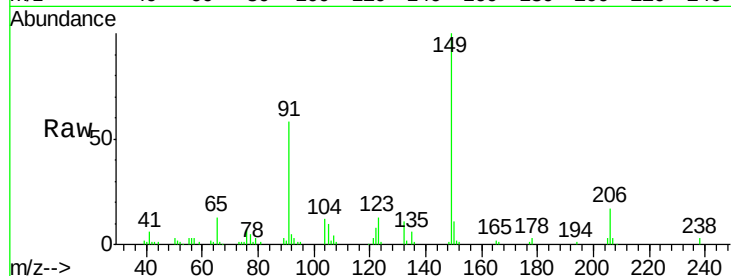
Tot Ion:149 Resp: 91718

Ion Ratio Lower Upper

149 100

91 57.7 53.3 79.9

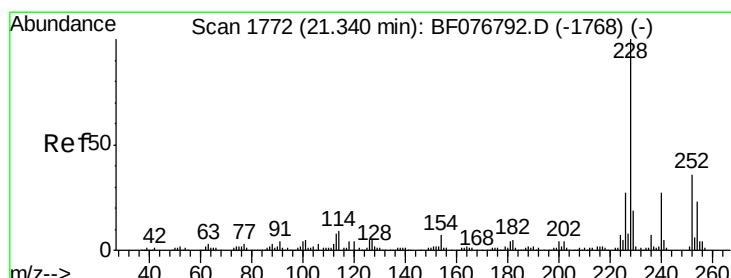
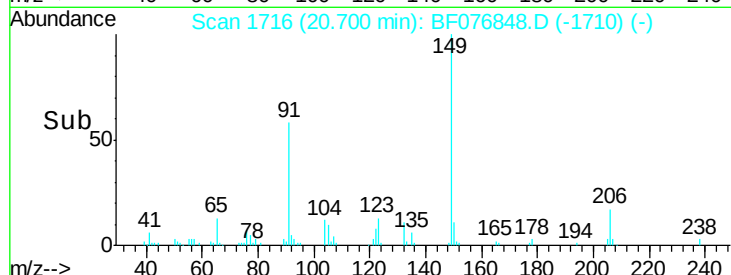
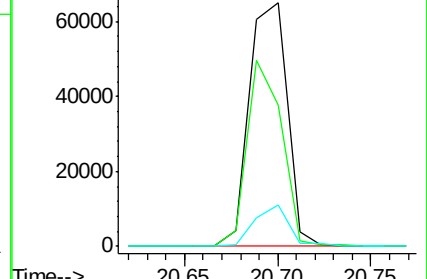
206 16.9 12.6 18.8



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: 22.54 ng

RT: 21.29 min Scan# 1768

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

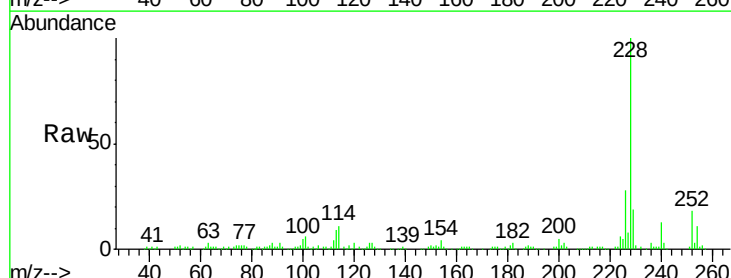
Tgt Ion:228 Resp: 175702

Ion Ratio Lower Upper

228 100

226 27.8 21.4 32.0

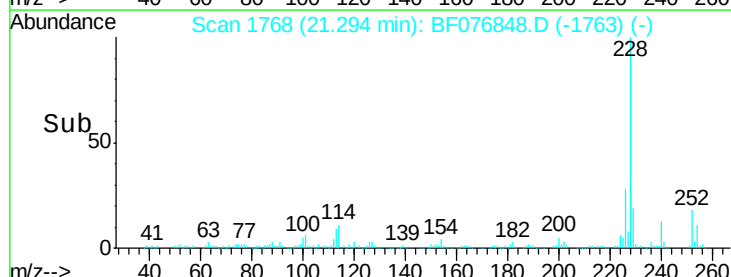
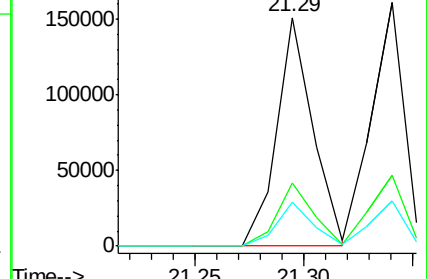
229 19.0 15.0 22.4

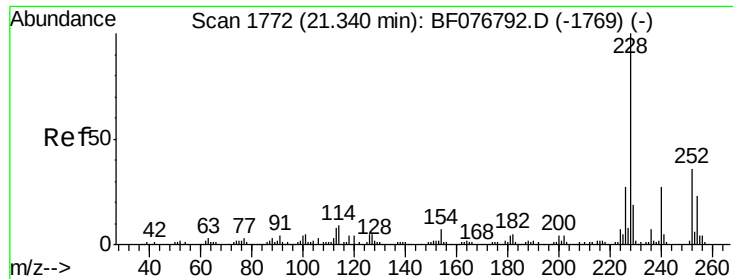


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

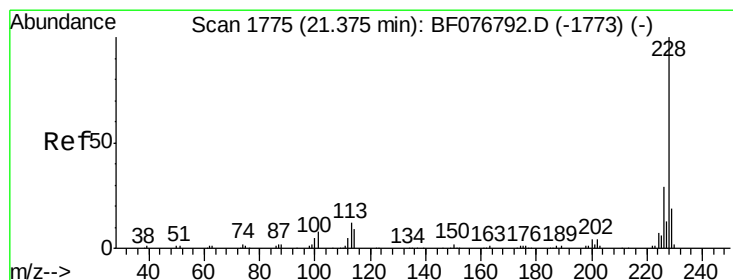
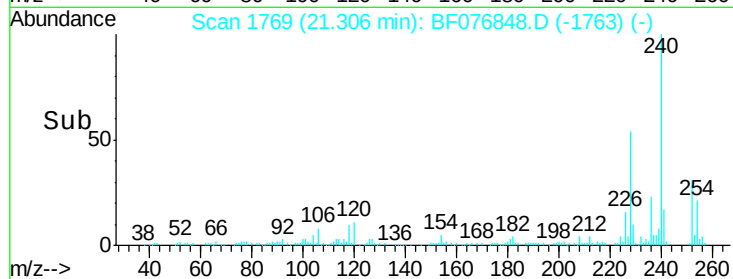
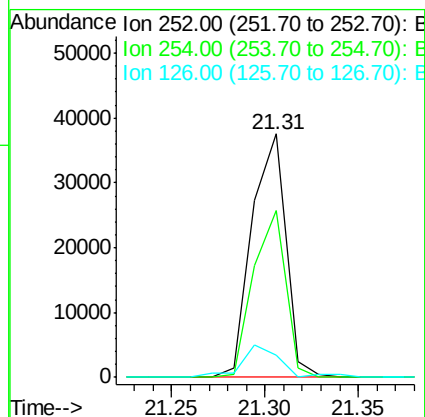
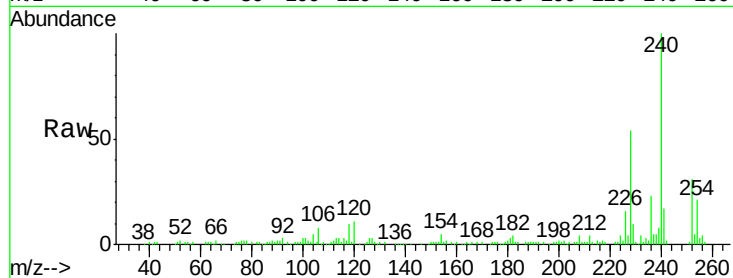




#81
 3,3'-Dichlorobenzidine
 Concen: 19.04 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

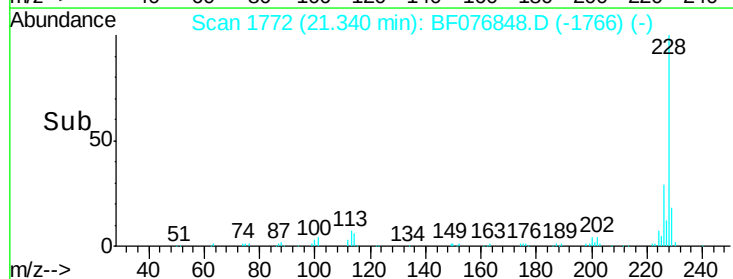
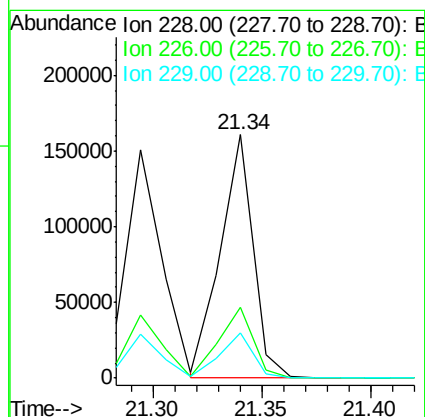
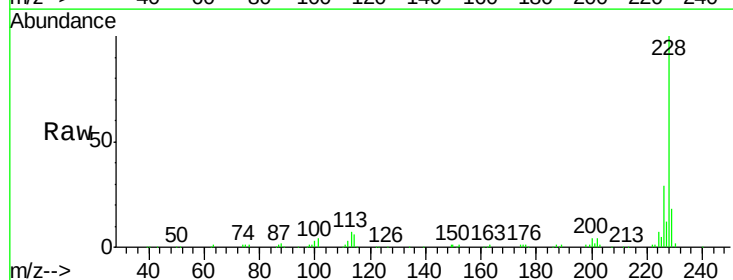
Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

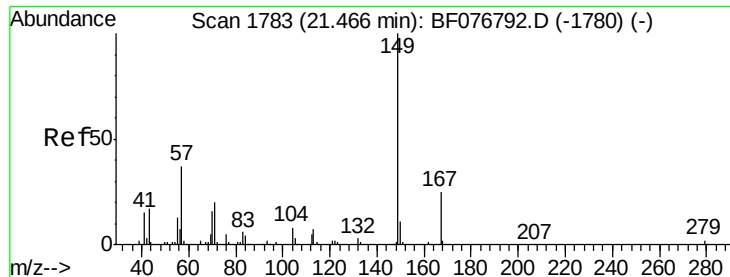
Tot Ion:252 Resp: 47407
 Ion Ratio Lower Upper
 252 100
 254 68.8 51.5 77.3
 126 9.1 11.4 17.0#



#82
 Chrysene
 Concen: 23.77 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. -0.03 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:228 Resp: 167691
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.3 34.9
 229 18.4 14.6 22.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.99 ng

RT: 21.43 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

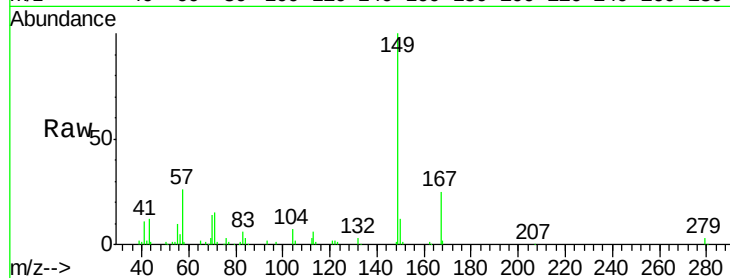
Tot Ion:149 Resp: 124575

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

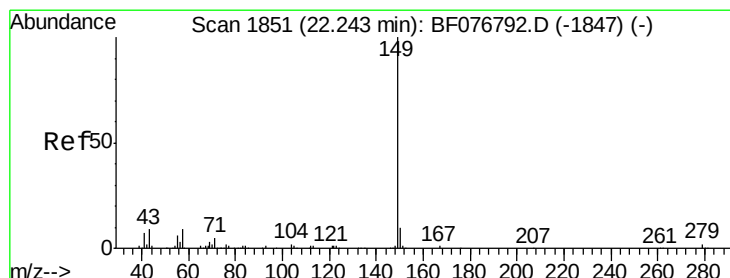
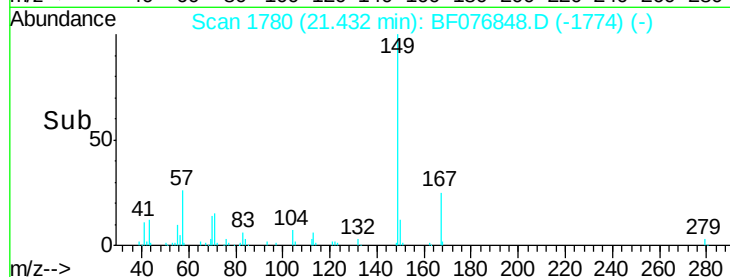
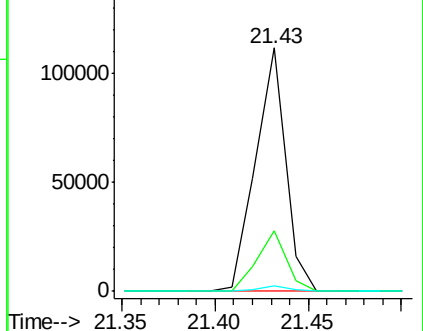
279 2.5 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 22.21 ng

RT: 22.20 min Scan# 1847

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

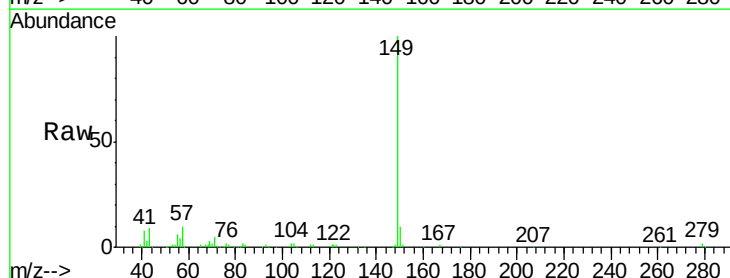
Tgt Ion:149 Resp: 212249

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

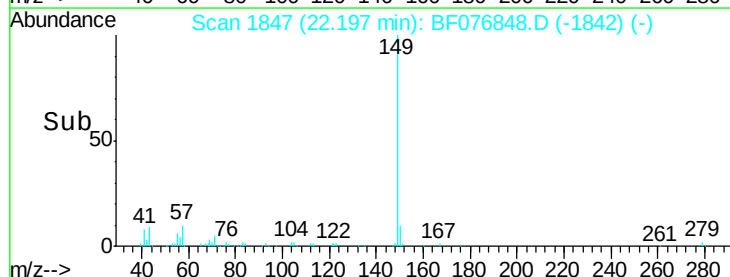
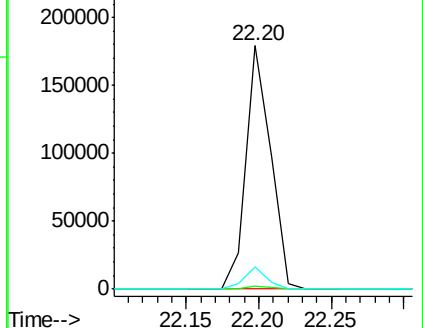
43 9.2 7.0 10.6

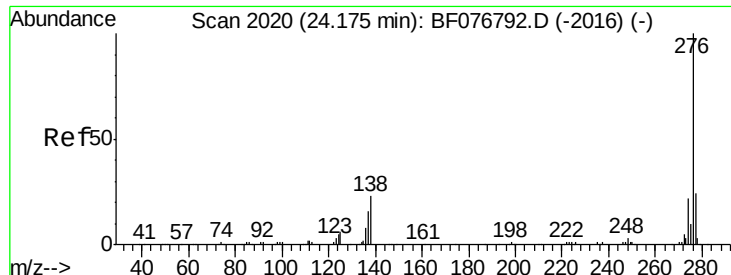


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

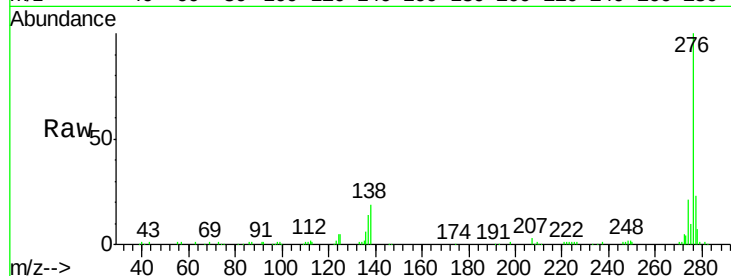




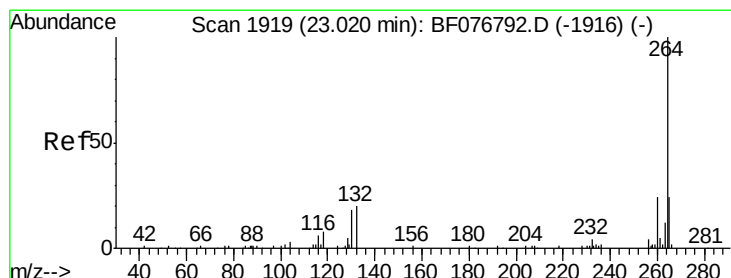
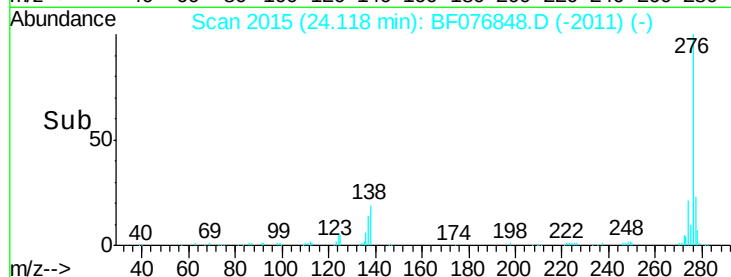
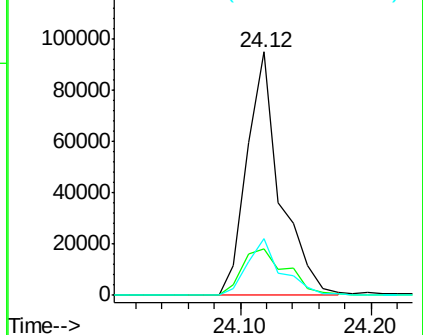
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.26 ng
 RT: 24.12 min Scan# 2015
 Delta R.T. -0.06 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

Tot Ion:276 Resp: 169342
 Ion Ratio Lower Upper
 276 100
 138 25.9 0.0 0.0#
 277 24.0 0.0 0.0#

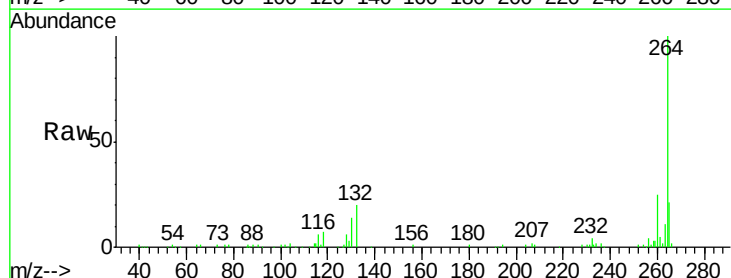


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

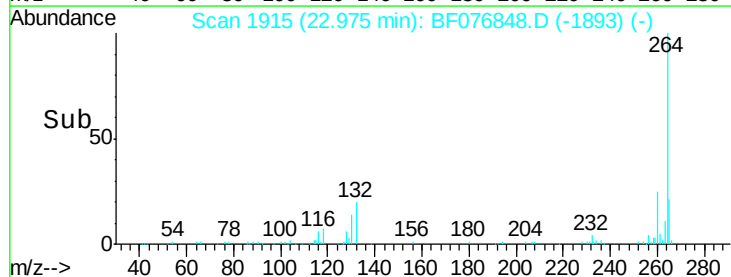
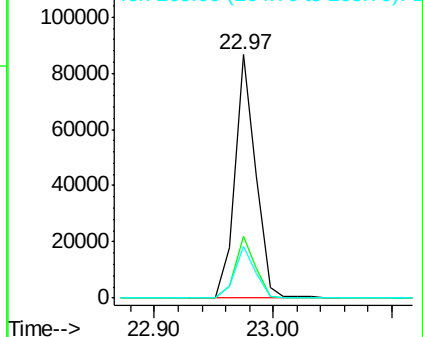


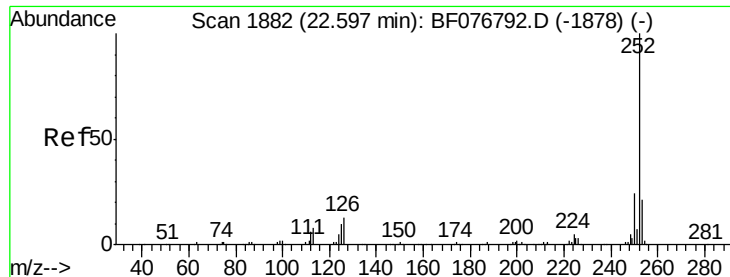
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.97 min Scan# 1915
 Delta R.T. -0.05 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Tgt Ion:264 Resp: 105673
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.0
 265 21.3 18.9 28.3



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: 25.40 ng

RT: 22.55 min Scan# 1878

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

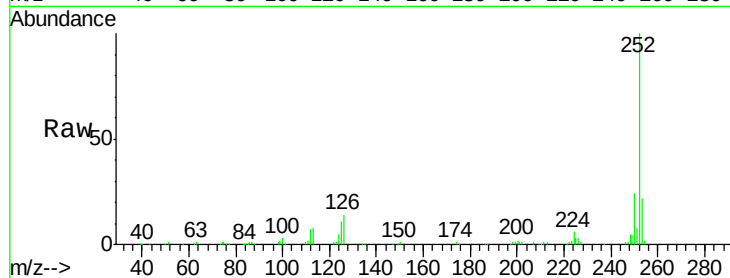
Tot Ion:252 Resp: 185886

Ion Ratio Lower Upper

252 100

253 21.7 16.6 25.0

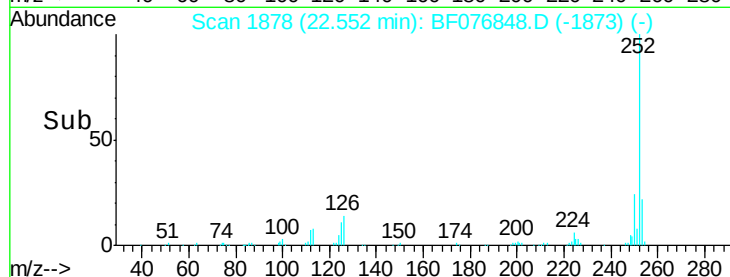
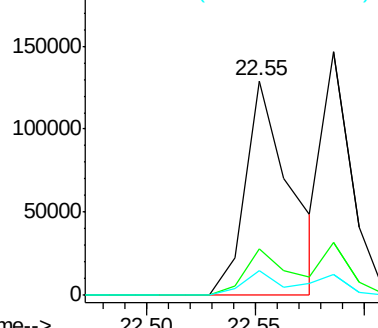
125 11.3 8.1 12.1



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: 29.06 ng

RT: 22.55 min Scan# 1878

Delta R.T. -0.08 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

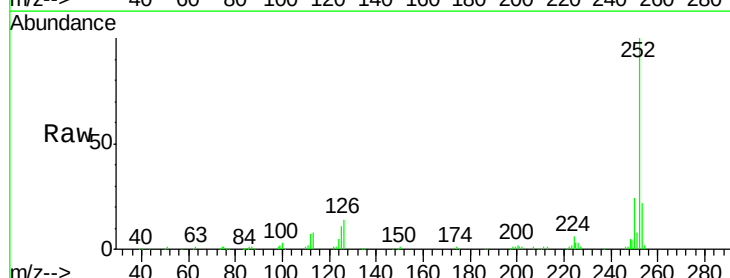
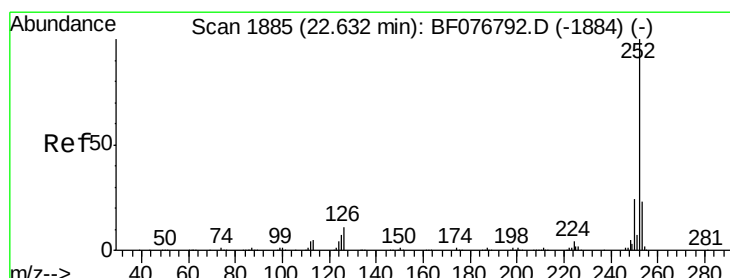
Tgt Ion:252 Resp: 185922

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

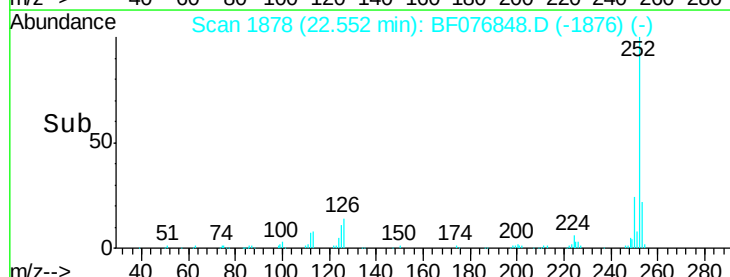
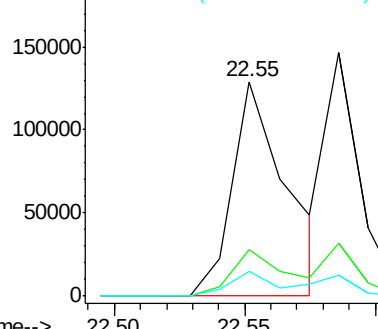
125 11.3 7.5 11.3#

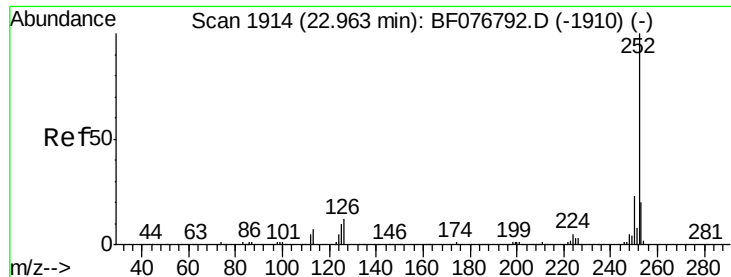


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.19 ng

RT: 22.92 min Scan# 1910

Delta R.T. -0.05 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SW-011MSD

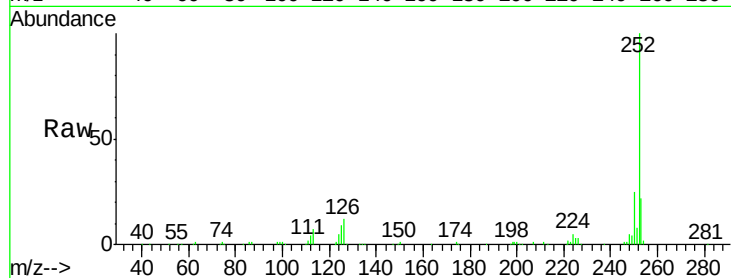
Tot Ion:252 Resp: 158448

Ion Ratio Lower Upper

252 100

253 21.7 16.2 24.4

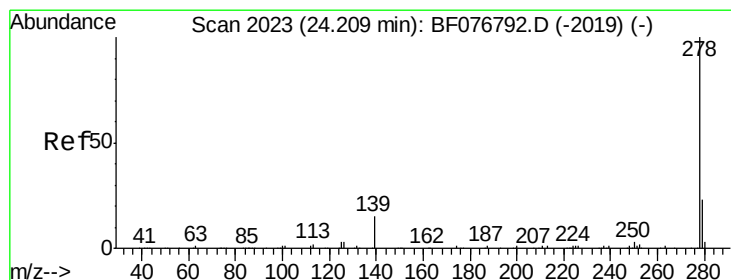
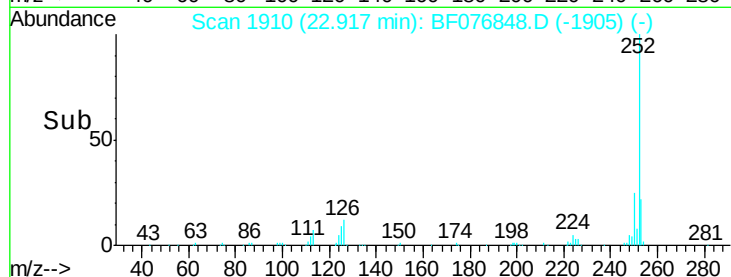
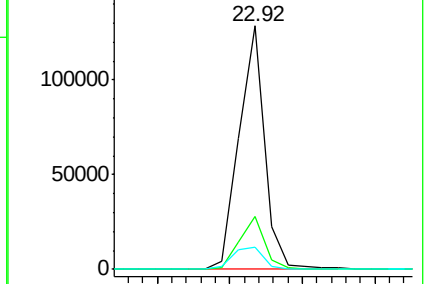
125 9.3 7.8 11.6



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



#90

Dibenzo(a,h)anthracene

Concen: 24.59 ng

RT: 24.14 min Scan# 2017

Delta R.T. -0.07 min

Lab File: BF076848.D

Acq: 13 Jan 2015 18:01

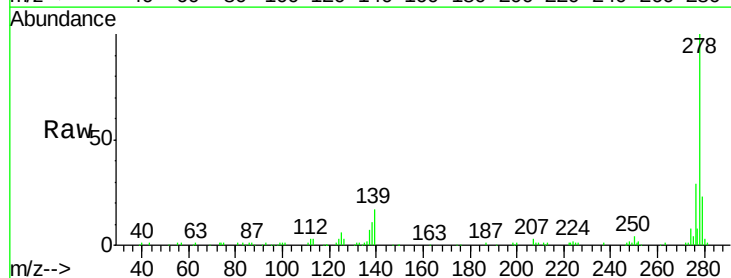
Tgt Ion:278 Resp: 140924

Ion Ratio Lower Upper

278 100

139 17.0 12.2 18.4

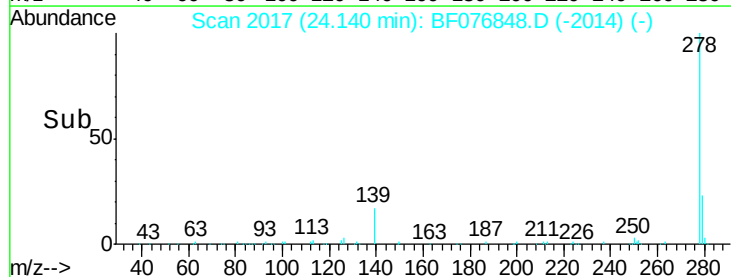
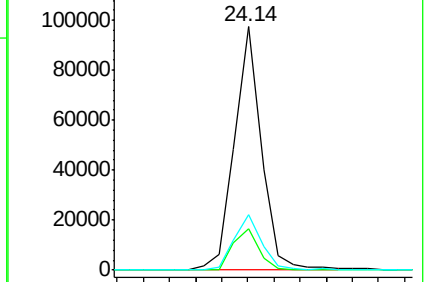
279 22.8 17.9 26.9

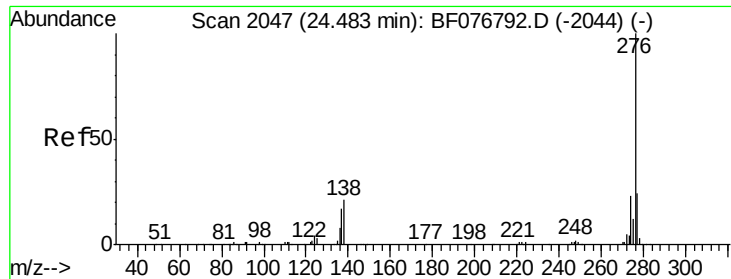


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 24.08 ng
 RT: 24.41 min Scan# 2041
 Delta R.T. -0.07 min
 Lab File: BF076848.D
 Acq: 13 Jan 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SW-011MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.9	19.0	28.6	
138	21.8	16.7	25.1	

