

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076853.D
 Acq On : 13 Jan 2015 20:53
 Operator : IZ / TP
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:47:36 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	30285	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	126521	20.00	ng	-0.03
38) Acenaphthene-d10	15.09	164	68605	20.00	ng	-0.05
63) Phenanthrene-d10	17.82	188	114082	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	113433	20.00	ng	-0.05
86) Perylene-d12	22.96	264	108630	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	158320	87.23	ng	-0.05
7) Phenol-d6	7.45	99	198708	86.97	ng	-0.05
23) Nitrobenzene-d5	9.35	82	199673	87.70	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	47570	83.07	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	378538	81.21	ng	-0.05
78) Terphenyl-d14	20.04	244	392677	76.01	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.33	88	29993	38.75	ng	98
3) Pyridine	1.82	79	96596	46.89	ng	98
4) n-Nitrosodimethylamine	1.78	42	39976	38.60	ng	# 71
6) Aniline	7.34	93	135545	42.97	ng	98
8) 2-Chlorophenol	7.59	128	89622	41.76	ng	98
9) Benzaldehyde	7.06	77	47298	34.87	ng	99
10) Phenol	7.49	94	108915	43.75	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	81124	40.67	ng	93
12) 1,3-Dichlorobenzene	7.90	146	101853	42.75	ng	99
13) 1,4-Dichlorobenzene	8.09	146	107900	43.18	ng	98
14) 1,2-Dichlorobenzene	8.41	146	98131	42.14	ng	98
15) Benzyl Alcohol	8.48	79	83578	43.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.84	45	105351	39.30	ng	70
17) 2-Methylphenol	8.84	107	73944	43.03	ng	94
18) Hexachloroethane	9.16	117	37966	42.03	ng	95
19) n-Nitroso-di-n-propylamine	9.11	70	66557	41.00	ng	# 95
20) 3+4-Methylphenols	9.21	107	97795	43.09	ng	91
22) Acetophenone	9.04	105	131845	42.41	ng	99
24) Nitrobenzene	9.40	77	101394	44.09	ng	95
25) Isophorone	9.99	82	177073	42.77	ng	97
26) 2-Nitrophenol	10.13	139	48514	44.10	ng	95
27) 2,4-Dimethylphenol	10.40	122	79251	44.36	ng	95
28) bis(2-Chloroethoxy)methane	10.61	93	100855	41.47	ng	97
29) 2,4-Dichlorophenol	10.73	162	75454	44.39	ng	94
30) 1,2,4-Trichlorobenzene	10.87	180	82429	42.98	ng	93
31) Naphthalene	11.01	128	276179	42.55	ng	97
32) Benzoic acid	10.76	122	27487	31.52	ng	95
33) 4-Chloroaniline	11.25	127	113723	44.73	ng	97
34) Hexachlorobutadiene	11.37	225	46823	42.69	ng	98
35) Caprolactam	12.07	113	21885	43.36	ng	# 92
36) 4-Chloro-3-methylphenol	12.54	107	83930	44.50	ng	98
37) 2-Methylnaphthalene	12.65	142	190110	41.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	72397	42.47	ng	98
40) Hexachlorocyclopentadiene	13.05	237	32222	38.28	ng	95

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
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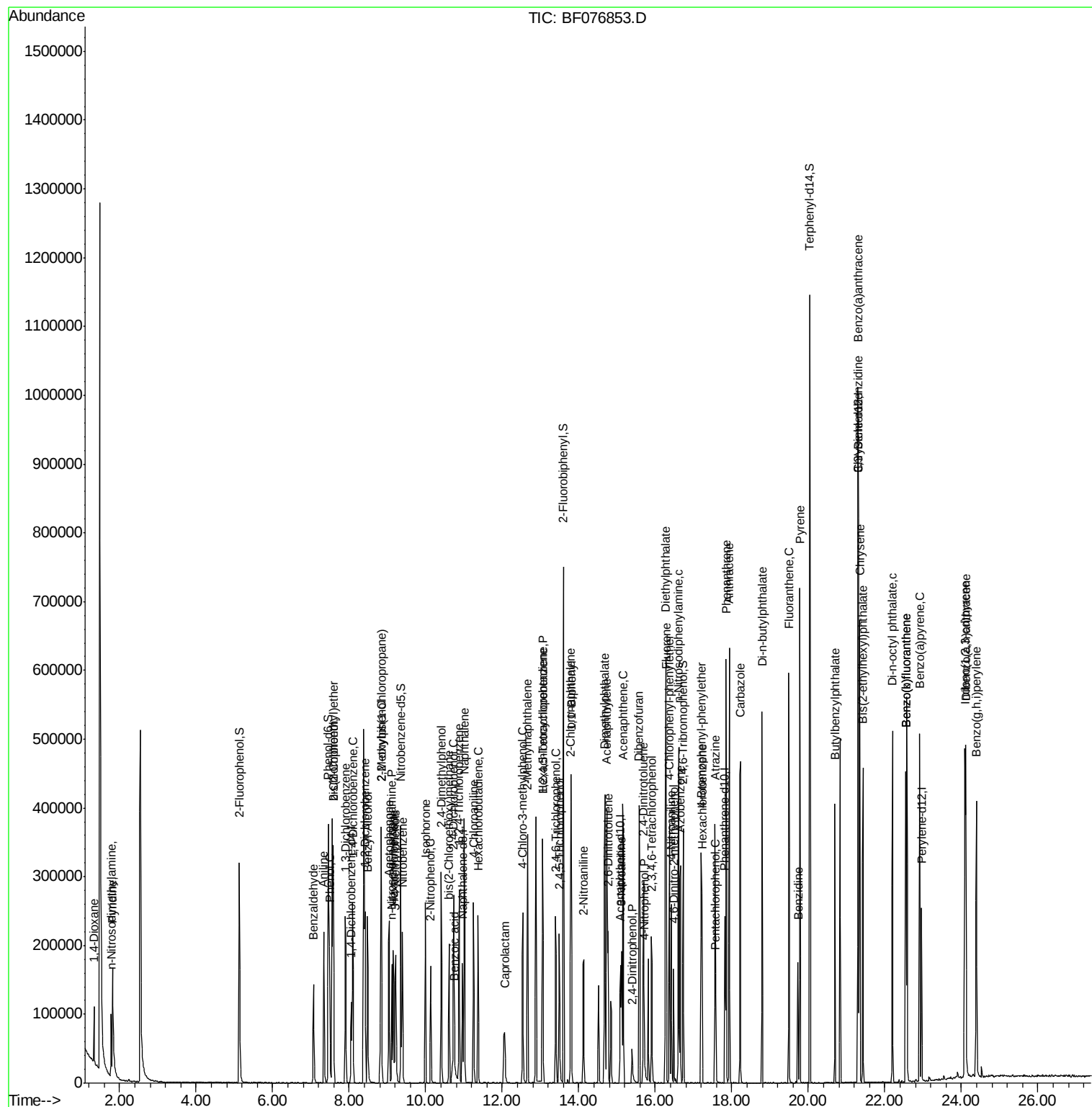
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.40	196	53720	43.39	nq	92
43) 2,4,5-Trichlorophenol	13.49	196	54918	42.20	nq	93
45) 1,1'-Biphenyl	13.81	154	218931	41.51	nq	98
46) 2-Chloronaphthalene	13.79	162	177563	41.89	nq	97
47) 2-Nitroaniline	14.13	65	59283	46.93	nq	95
48) Acenaphthylene	14.73	152	308598	42.96	nq	98
49) Dimethylphthalate	14.68	163	204856	41.09	nq	97
50) 2,6-Dinitrotoluene	14.77	165	43170	40.84	nq	98
51) Acenaphthene	15.16	154	165738	40.85	nq	98
52) 3-Nitroaniline	15.12	138	51963	43.01	nq	97
53) 2,4-Dinitrophenol	15.40	184	11902	42.29	nq	89
54) Dibenzofuran	15.58	168	248041	41.78	nq	98
55) 4-Nitrophenol	15.71	139	33030	42.46	nq	86
56) 2,4-Dinitrotoluene	15.69	165	59554	44.12	nq	# 94
57) Fluorene	16.29	166	211661	42.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.90	232	40022	42.51	nq	# 97
59) Diethylphthalate	16.28	149	203841	39.68	nq	98
60) 4-Chlorophenyl-phenylether	16.37	204	82684	38.86	nq	91
61) 4-Nitroaniline	16.41	138	53204	47.60	nq	87
62) Azobenzene	16.64	77	217099	41.22	nq	94
64) 4,6-Dinitro-2-methylphenol	16.48	198	28655	44.28	nq	93
65) n-Nitrosodiphenylamine	16.61	169	172847	41.71	nq	98
66) 4-Bromophenyl-phenylether	17.20	248	47451	40.09	nq	96
67) Hexachlorobenzene	17.23	284	51520	41.59	nq	98
68) Atrazine	17.56	200	52513	41.84	nq	97
69) Pentachlorophenol	17.58	266	20050	43.00	nq	96
70) Phenanthrene	17.85	178	301198	42.37	nq	99
71) Anthracene	17.93	178	296421	42.93	nq	97
72) Carbazole	18.22	167	297647	43.97	nq	98
73) Di-n-butylphthalate	18.79	149	311138	38.68	nq	99
74) Fluoranthene	19.49	202	316284	43.44	nq	96
76) Benzidine	19.73	184	103303	29.12	nq	98
77) Pyrene	19.77	202	330640	40.51	nq	99
79) Butylbenzylphthalate	20.69	149	143988	38.01	nq	90
80) Benzo(a)anthracene	21.29	228	300169	41.54	nq	98
81) 3,3'-Dichlorobenzidine	21.31	252	92270	39.98	nq	# 95
82) Chrysene	21.34	228	280556	42.91	nq	98
83) Bis(2-ethylhexyl)phthalate	21.43	149	183687	34.99	nq	# 100
84) Di-n-octyl phthalate	22.20	149	320950	36.24	nq	100
85) Indeno(1,2,3-cd)pyrene	24.09	276	317766	49.11	nq	# 100
87) Benzo(b)fluoranthene	22.55	252	300501	39.94	nq	# 97
88) Benzo(k)fluoranthene	22.55	252	300501	45.69	nq	# 96
89) Benzo(a)pyrene	22.91	252	274671	42.48	nq	97
90) Dibenzo(a,h)anthracene	24.12	278	246151	41.78	nq	96
91) Benzo(g,h,i)perylene	24.39	276	251075	41.76	nq	97

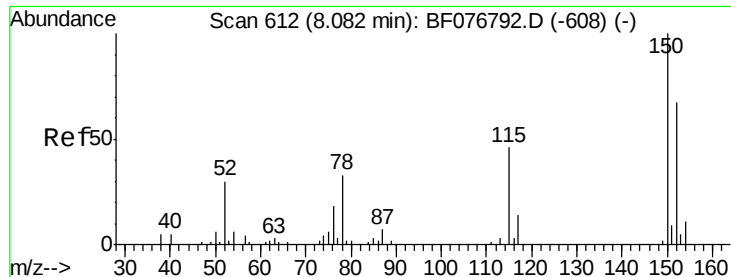
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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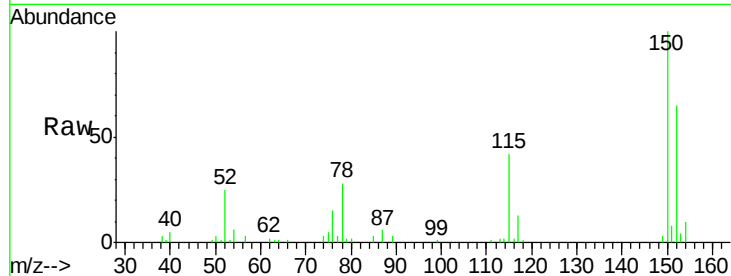


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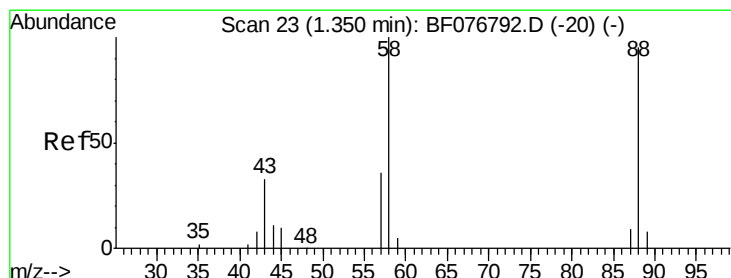
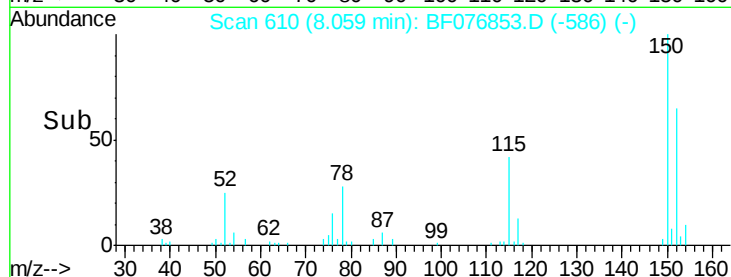
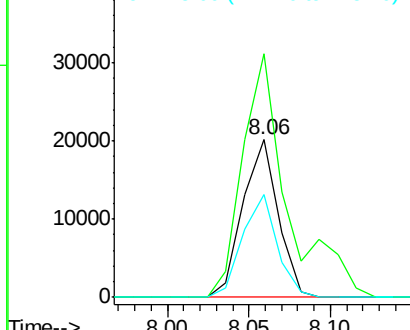
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30285
Ion Ratio Lower Upper
152 100
150 154.7 119.5 179.3
115 65.6 54.6 81.8



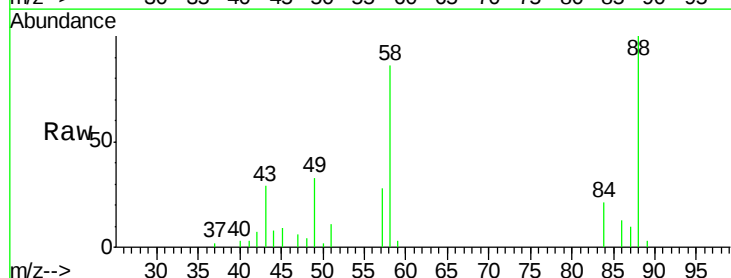
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



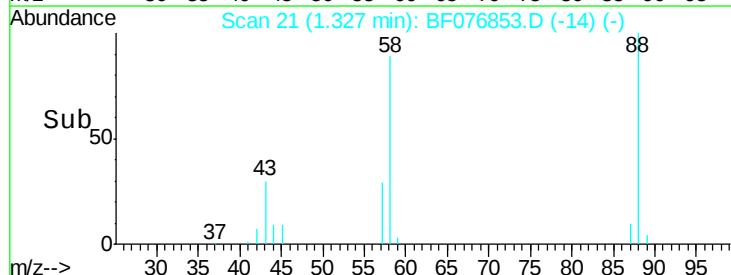
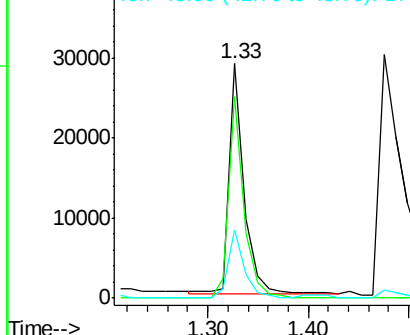
#2

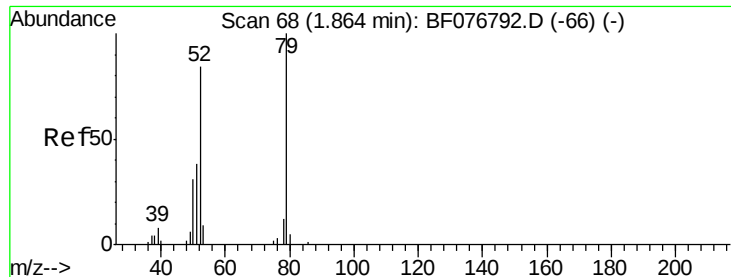
1,4-Dioxane
Concen: 38.75 ng
RT: 1.33 min Scan# 21
Delta R.T. -0.02 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion: 88 Resp: 29993
Ion Ratio Lower Upper
88 100
58 88.1 72.4 108.6
43 31.2 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: 46.89 ng

RT: 1.82 min Scan# 64

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

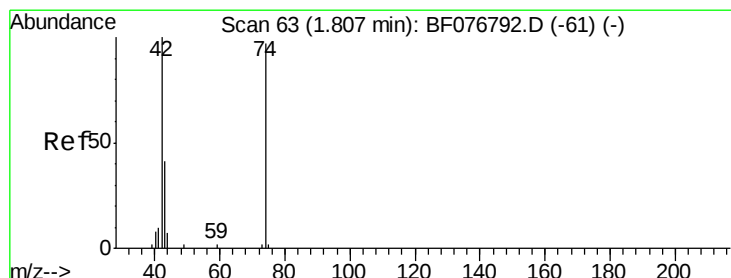
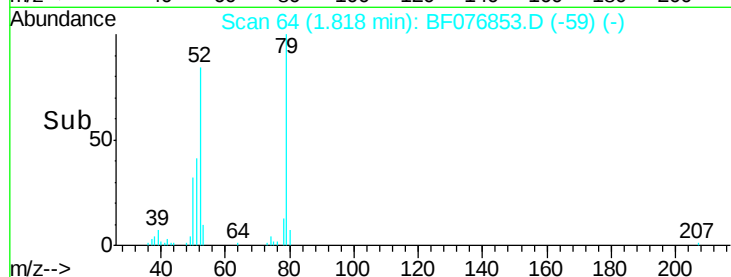
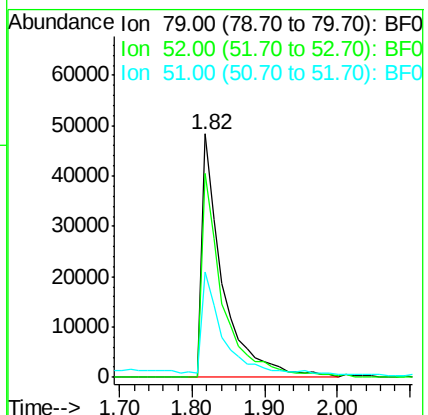
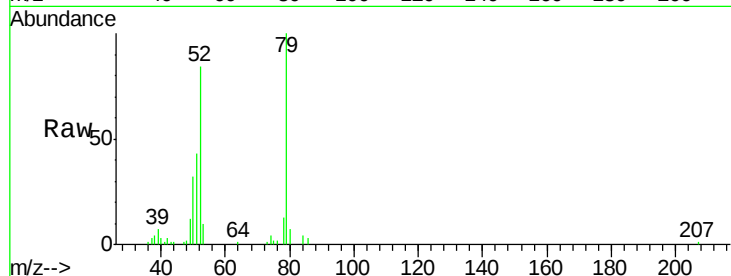
Tot Ion: 79 Resp: 96596

Ion Ratio Lower Upper

79 100

52 84.0 66.9 100.3

51 43.1 31.6 47.4



#4

n-Nitrosodimethylamine

Concen: 38.60 ng

RT: 1.78 min Scan# 61

Delta R.T. -0.02 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

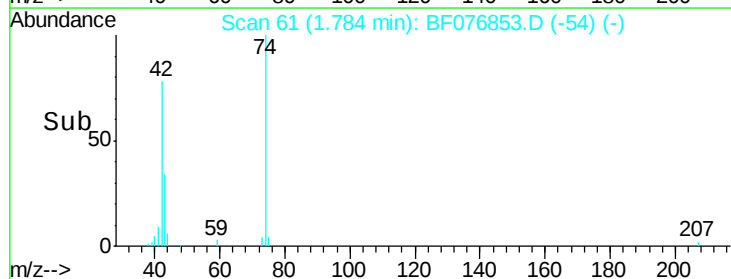
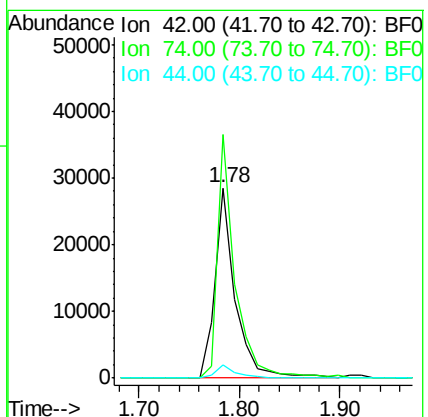
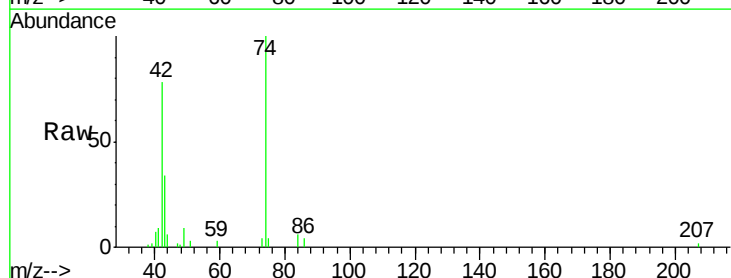
Tgt Ion: 42 Resp: 39976

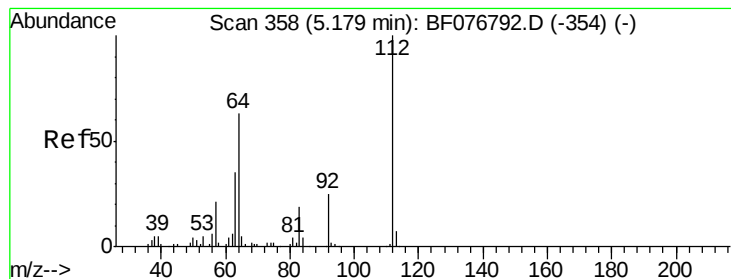
Ion Ratio Lower Upper

42 100

74 128.0 77.9 116.9#

44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 87.23 ng

RT: 5.13 min Scan# 354

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampleId :

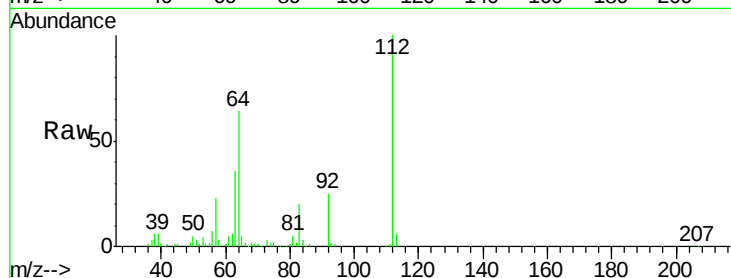
Tot Ion:112 Resp: 158320

Ion Ratio Lower Upper

112 100

64 64.3 50.2 75.4

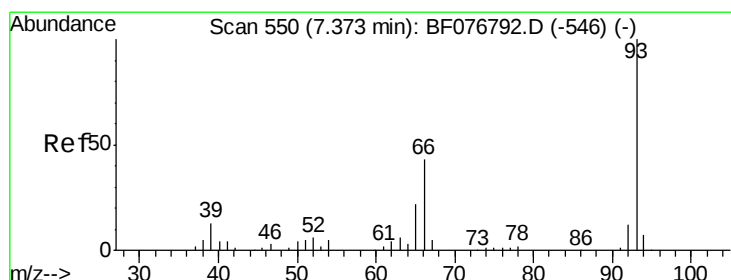
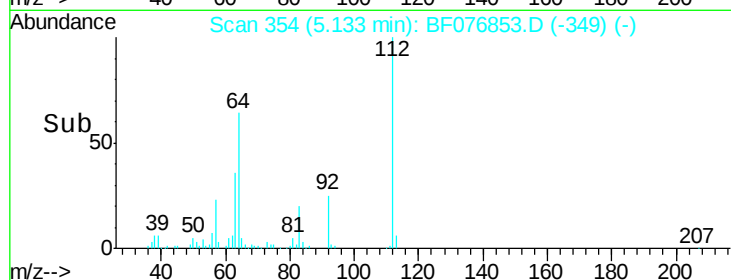
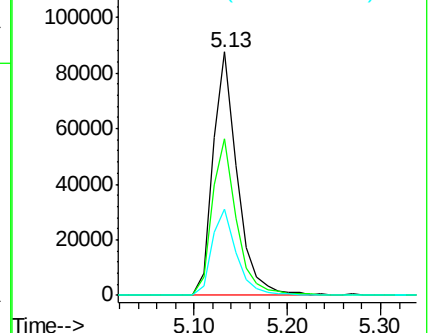
63 35.5 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): BF076792.D (-354) (-)

Ion 64.00 (63.70 to 64.70): BF076792.D (-354) (-)

Ion 63.00 (62.70 to 63.70): BF076792.D (-354) (-)



#6

Aniline

Concen: 42.97 ng

RT: 7.34 min Scan# 547

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

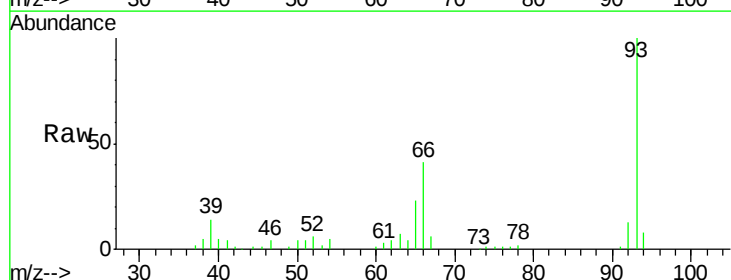
Tgt Ion: 93 Resp: 135545

Ion Ratio Lower Upper

93 100

66 41.2 34.1 51.1

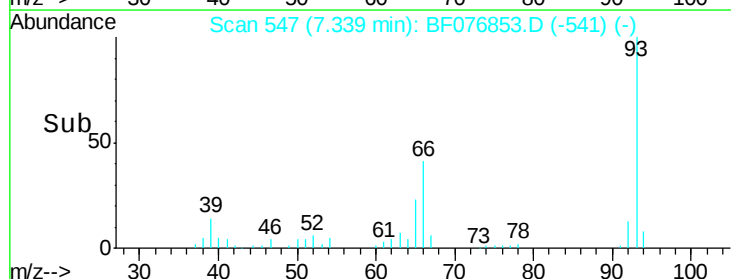
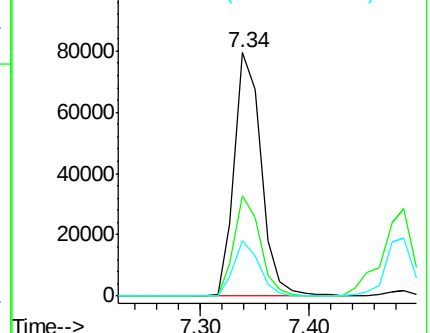
65 23.0 18.0 27.0

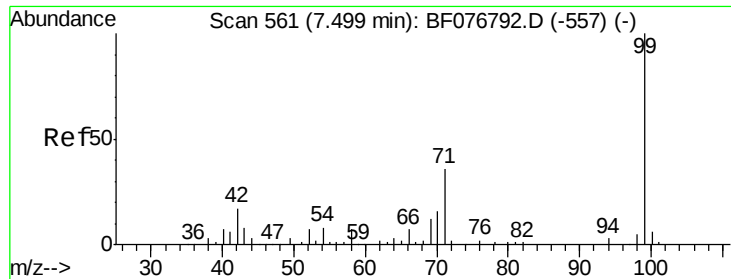


Abundance Ion 93.00 (92.70 to 93.70): BF076792.D (-546) (-)

Ion 66.00 (65.70 to 66.70): BF076792.D (-546) (-)

Ion 65.00 (64.70 to 65.70): BF076792.D (-546) (-)





#7

Phenol-d6

Concen: 86.97 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

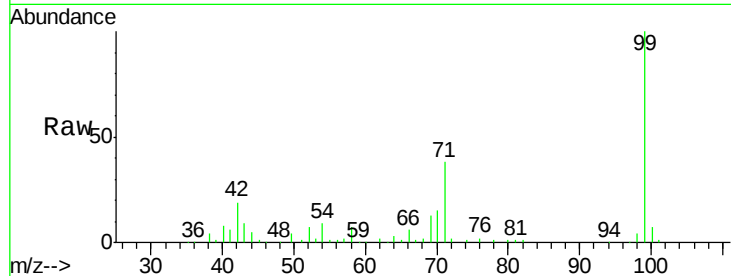
Tot Ion: 99 Resp: 198708

Ion Ratio Lower Upper

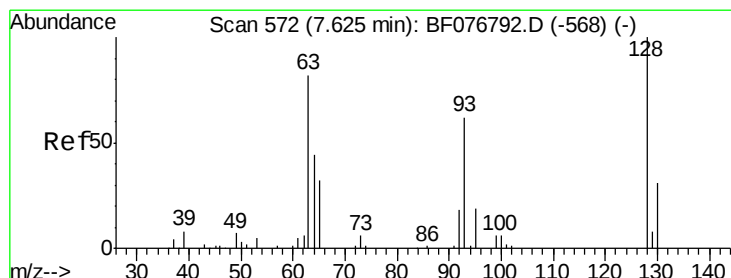
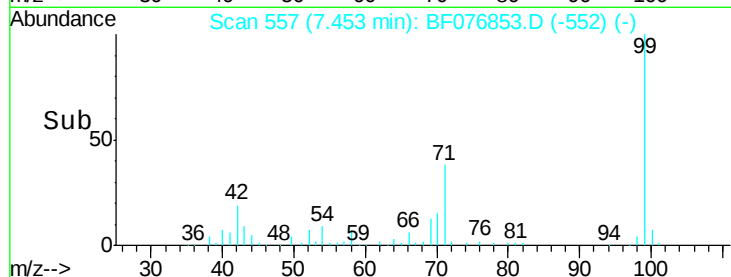
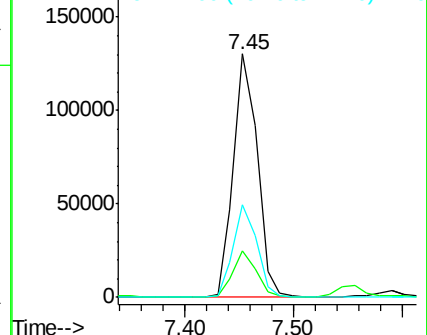
99 100

42 19.0 13.3 19.9

71 38.1 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: 41.76 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

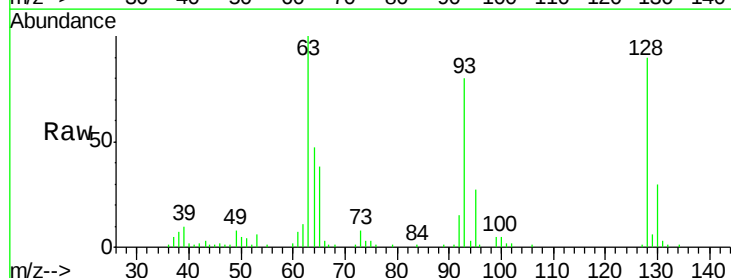
Tgt Ion: 128 Resp: 89622

Ion Ratio Lower Upper

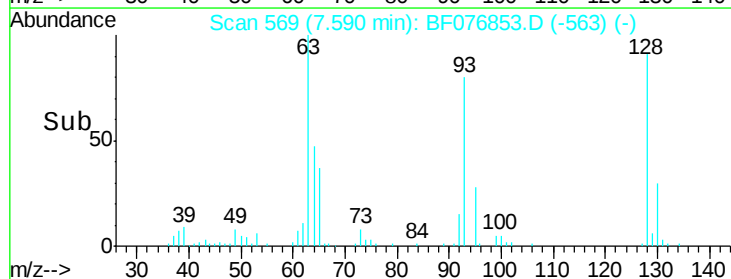
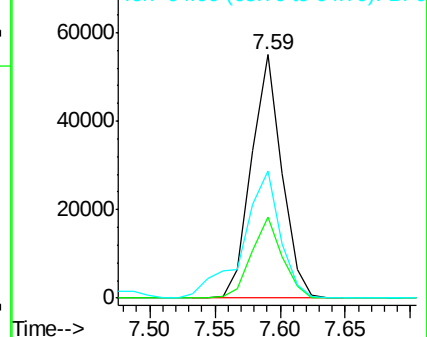
128 100

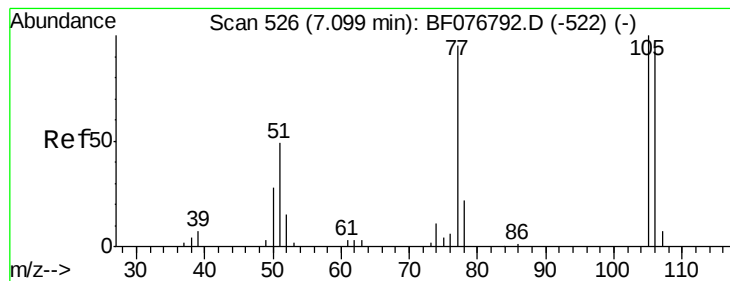
130 33.1 10.6 50.6

64 52.2 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: 34.87 ng

RT: 7.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampled :

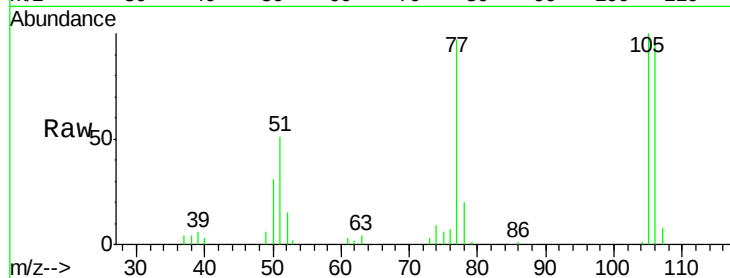
Tot Ion: 77 Resp: 47298

Ion Ratio Lower Upper

77 100

105 103.1 85.5 125.5

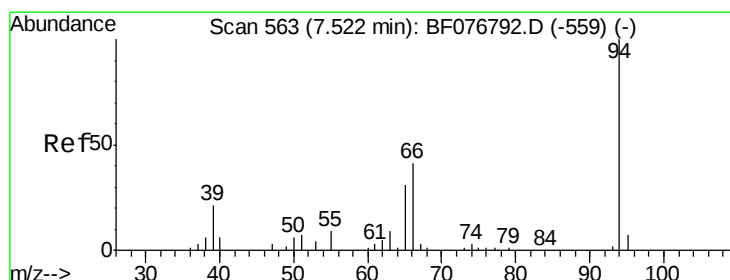
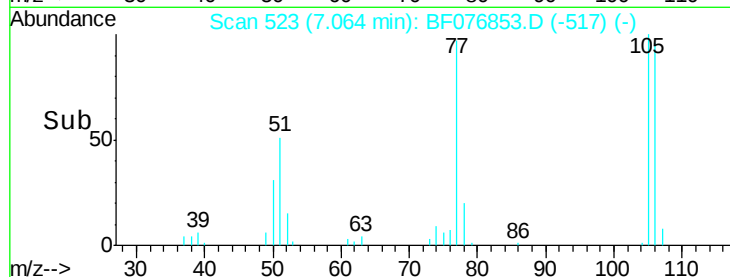
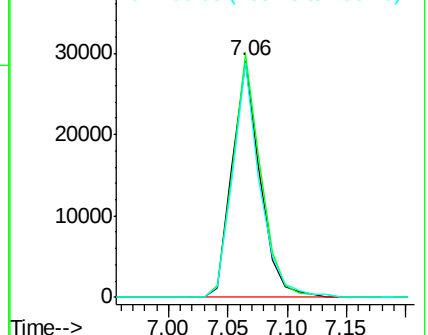
106 99.1 79.0 119.0



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: 43.75 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

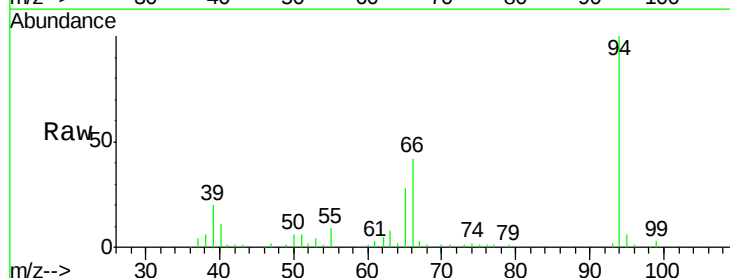
Tgt Ion: 94 Resp: 108915

Ion Ratio Lower Upper

94 100

65 28.1 11.6 51.6

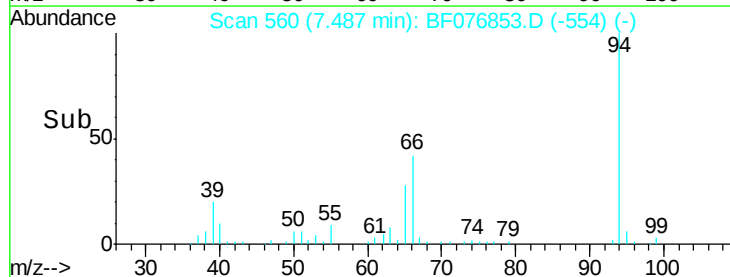
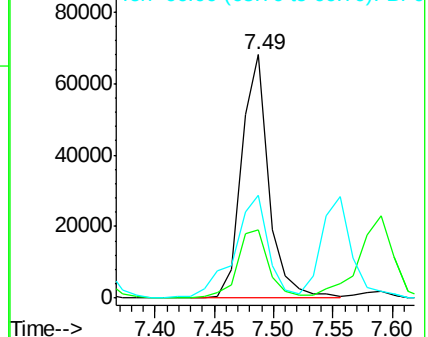
66 42.1 22.3 62.3

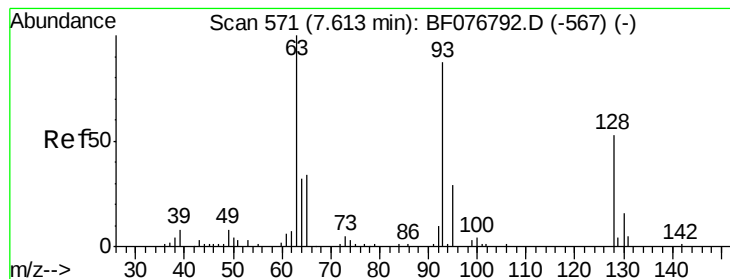


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

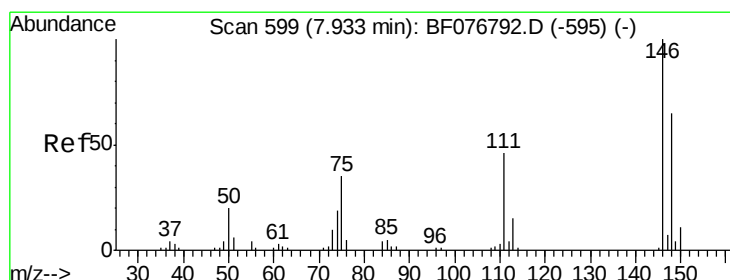
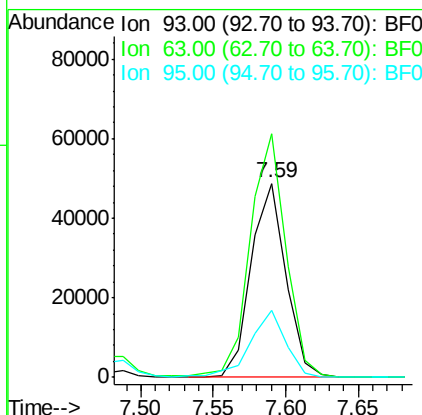
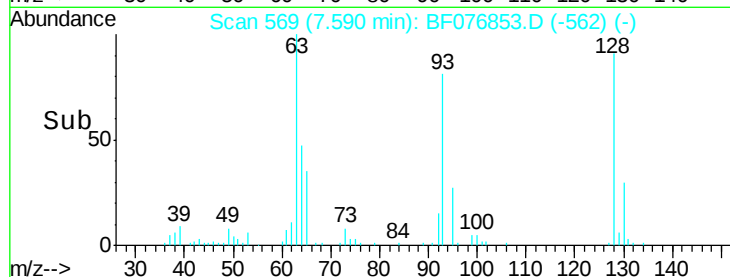
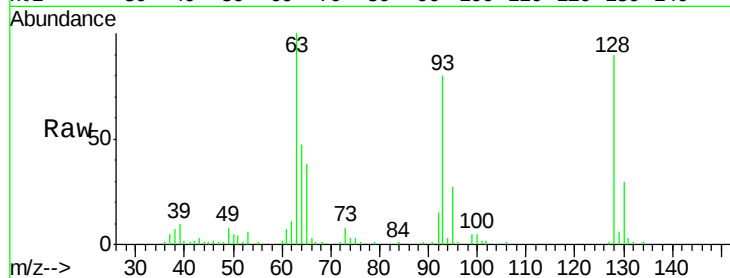




#11
bis(2-Chloroethyl)ether
Concen: 40.67 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

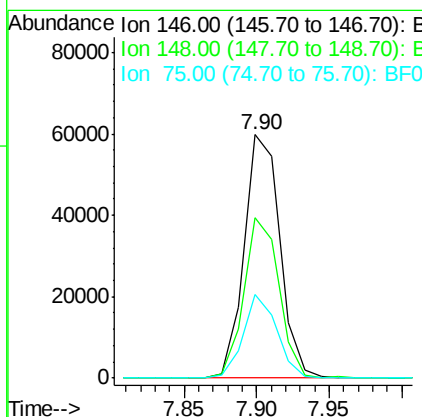
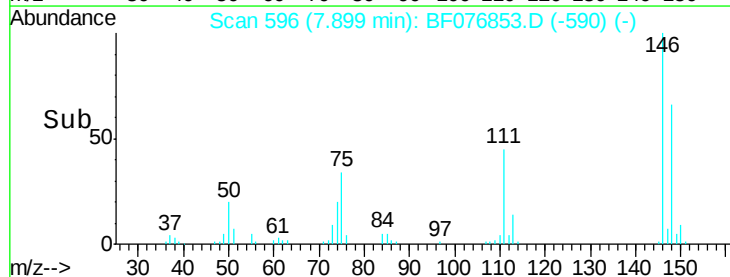
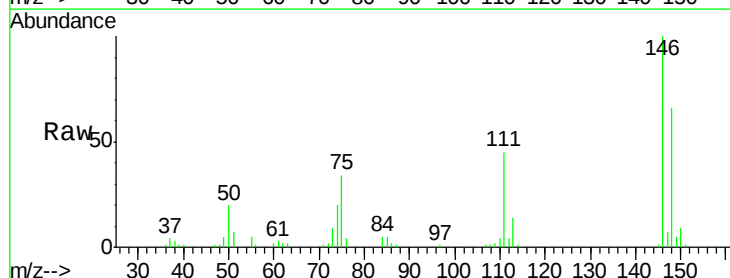
Instrument :
BNA_F
ClientSampleId :

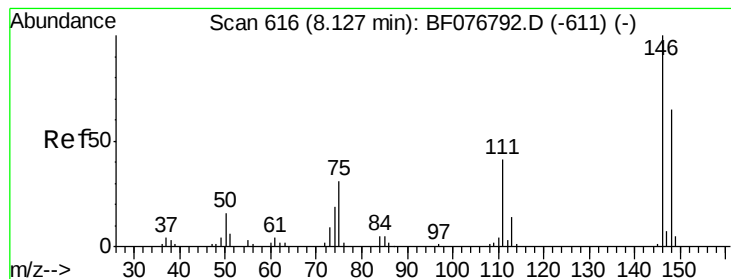
Tot Ion: 93 Resp: 81124
Ion Ratio Lower Upper
93 100
63 125.4 96.1 136.1
95 34.3 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 42.75 ng
RT: 7.90 min Scan# 596
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion: 146 Resp: 101853
Ion Ratio Lower Upper
146 100
148 65.8 52.1 78.1
75 34.2 28.0 42.0





#13

1,4-Dichlorobenzene

Concen: 43.18 ng

RT: 8.09 min Scan# 613

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

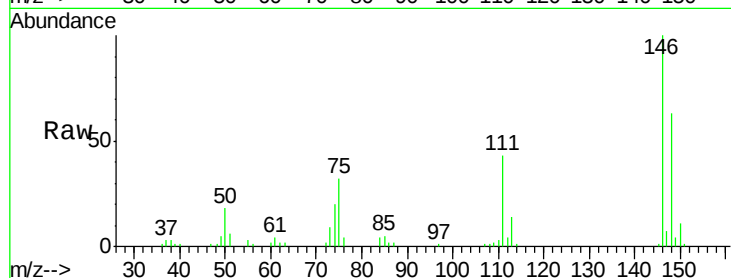
Tot Ion:146 Resp: 107900

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

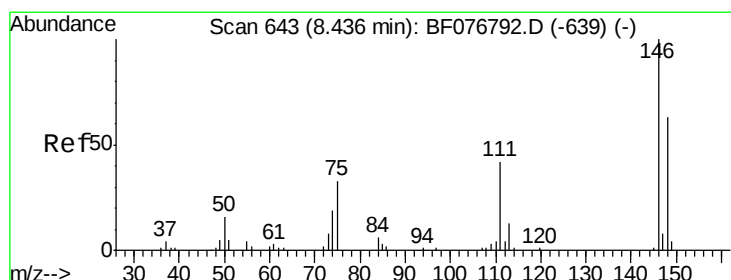
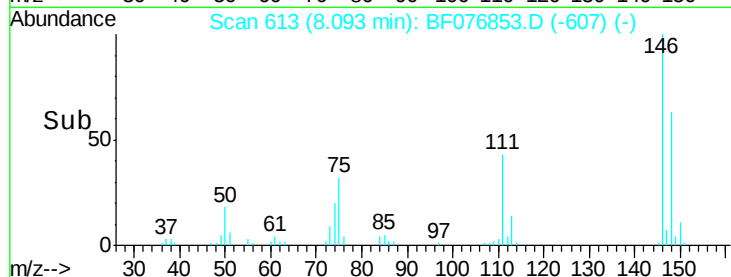
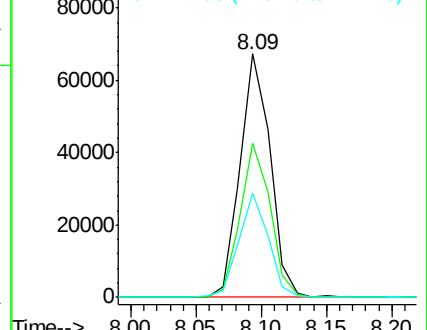
111 42.7 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.14 ng

RT: 8.41 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

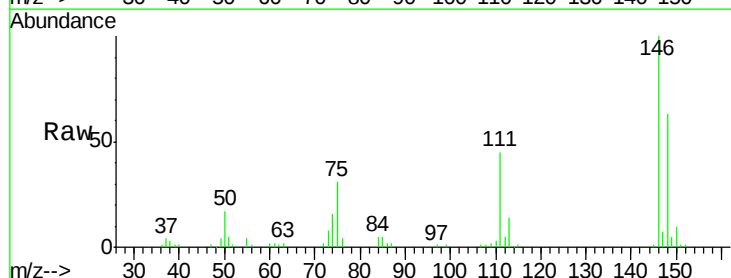
Tgt Ion:146 Resp: 98131

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

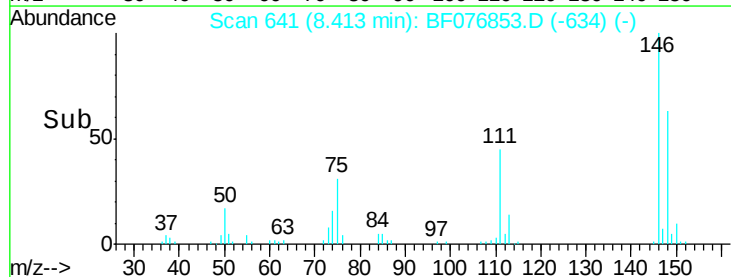
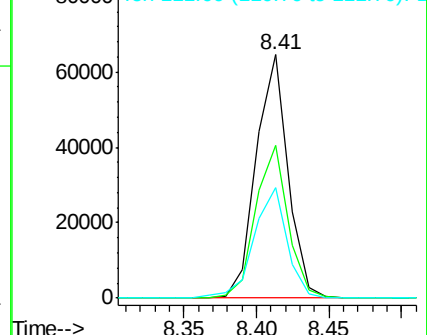
111 45.2 34.3 51.5

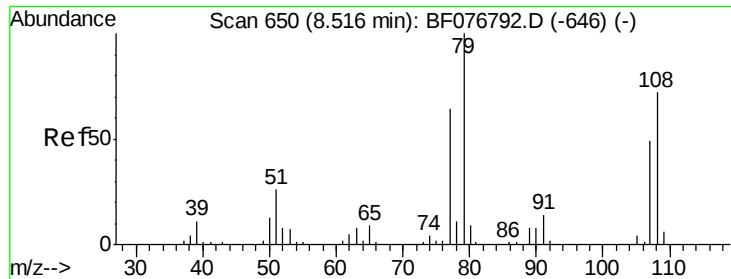


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.97 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampled :

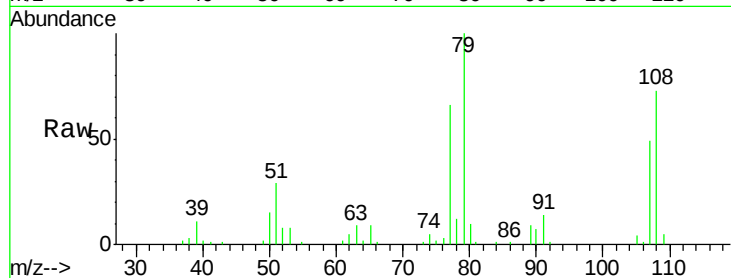
Tot Ion: 79 Resp: 83578

Ion Ratio Lower Upper

79 100

108 73.1 57.4 86.0

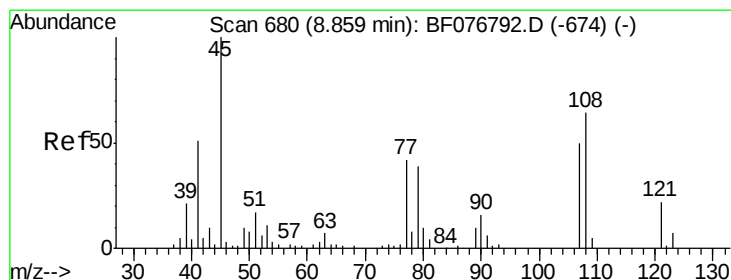
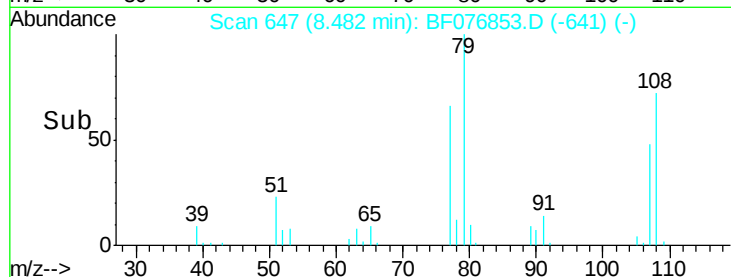
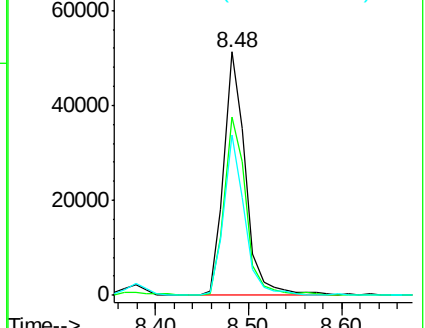
77 66.0 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.30 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

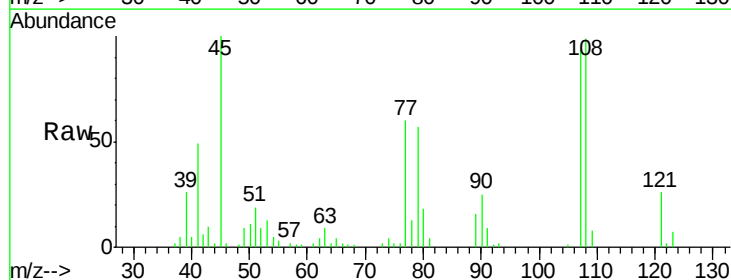
Tgt Ion: 45 Resp: 105351

Ion Ratio Lower Upper

45 100

77 60.4 21.9 61.9

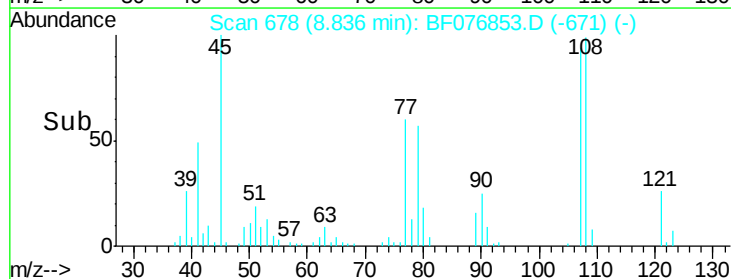
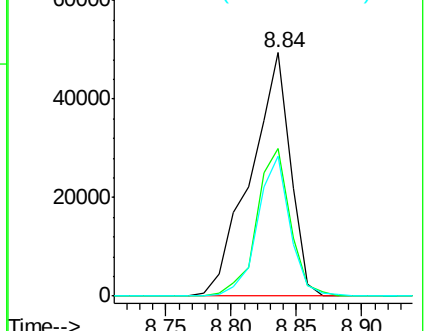
79 57.2 19.0 59.0

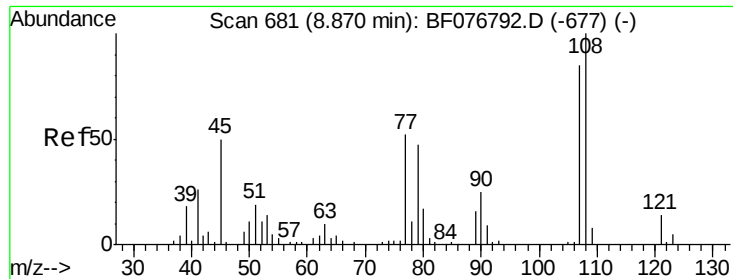


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

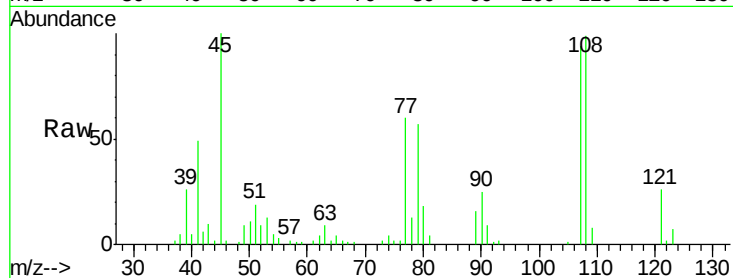




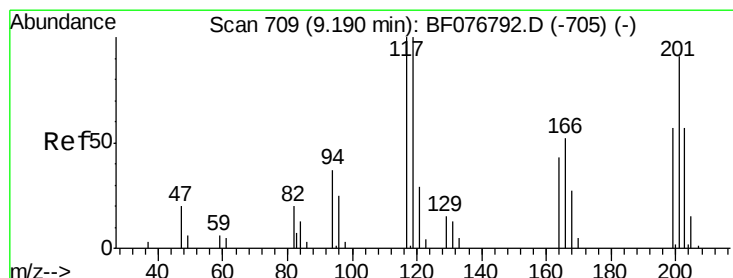
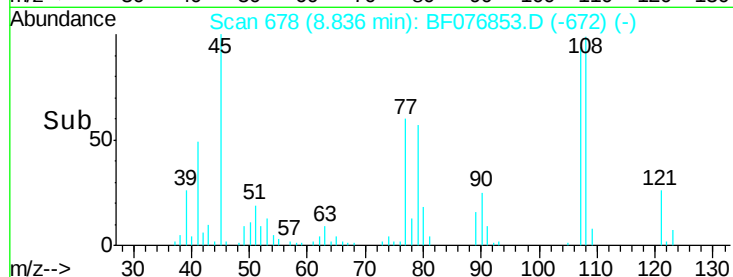
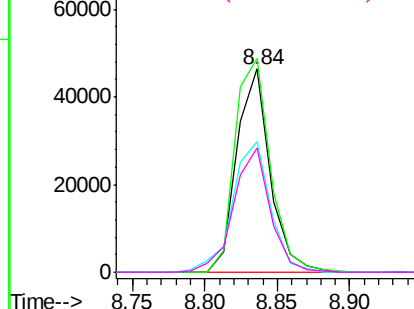
#17
2-Methylphenol
Concen: 43.03 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 73944
Ion Ratio Lower Upper
107 100
108 105.0 93.8 140.8
77 64.3 51.3 76.9
79 60.9 46.5 69.7

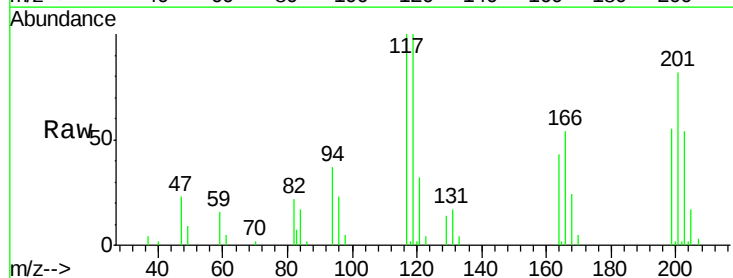


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

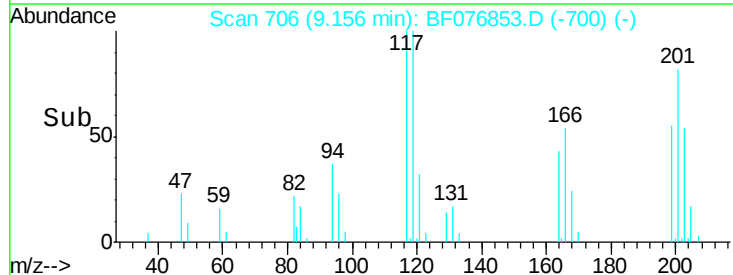
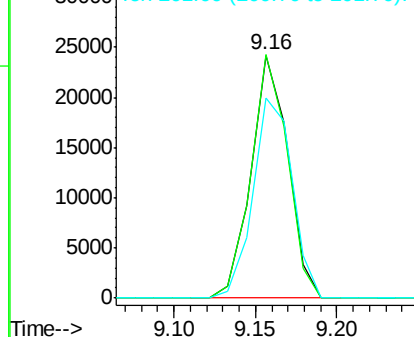


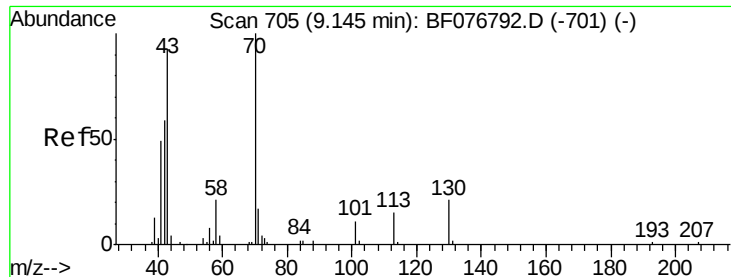
#18
Hexachloroethane
Concen: 42.03 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:117 Resp: 37966
Ion Ratio Lower Upper
117 100
119 100.4 80.0 120.0
201 82.5 73.0 109.4



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

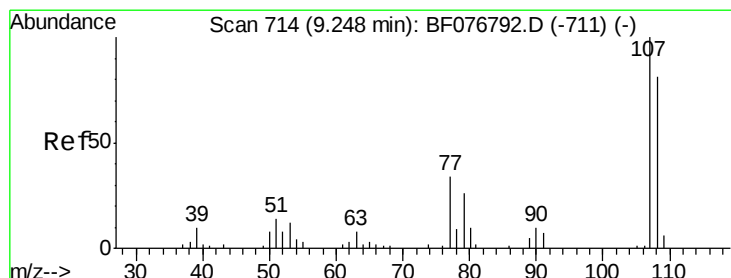
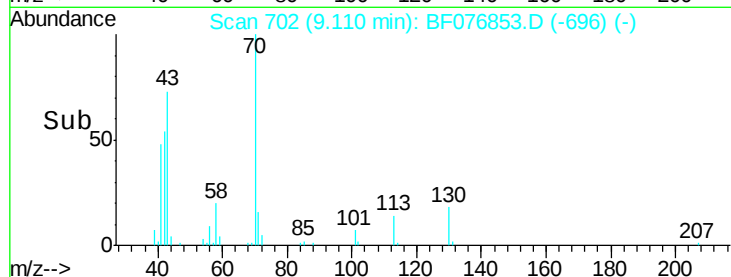
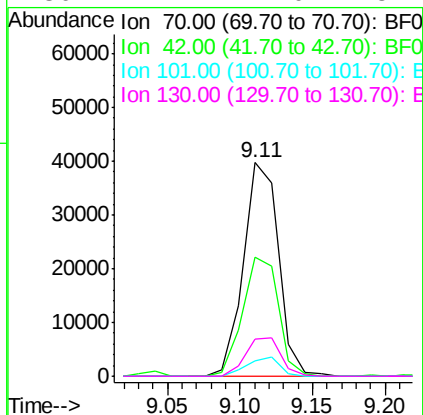
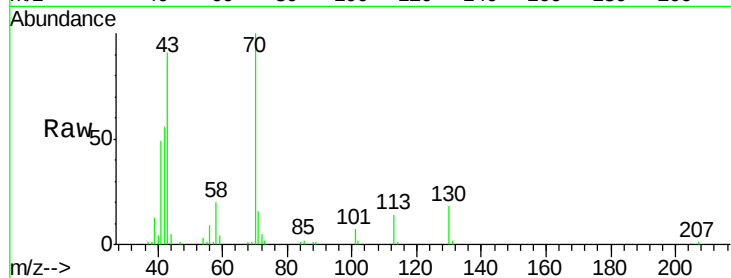




#19
n-Nitroso-di-n-propylamine
Concen: 41.00 ng
RT: 9.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

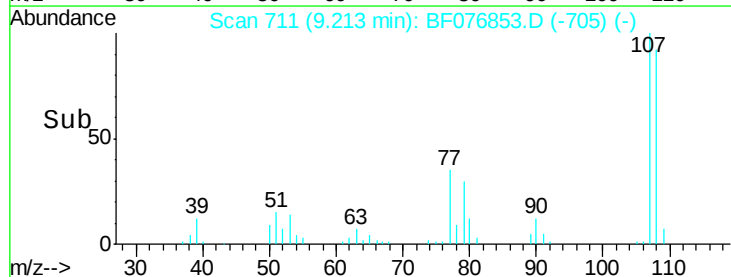
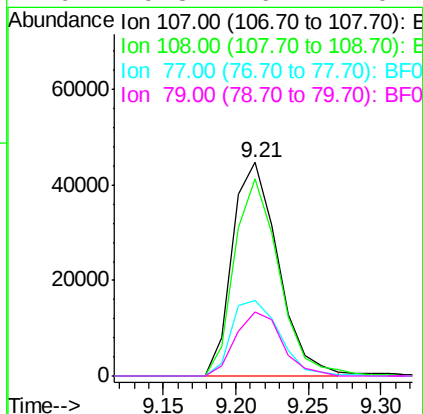
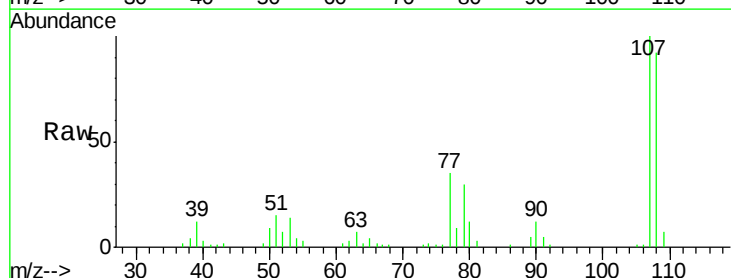
Instrument :
BNA_F
ClientSampleId :

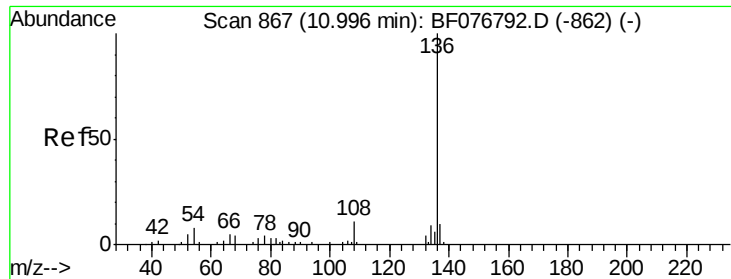
Tot Ion: 70 Resp: 66557
Ion Ratio Lower Upper
70 100
42 56.0 47.1 70.7
101 7.5 8.5 12.7#
130 17.7 17.0 25.4



#20
3+4-Methylphenols
Concen: 43.09 ng
RT: 9.21 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion: 107 Resp: 97795
Ion Ratio Lower Upper
107 100
108 92.4 61.4 101.4
77 35.3 14.4 54.4
79 29.8 6.4 46.4

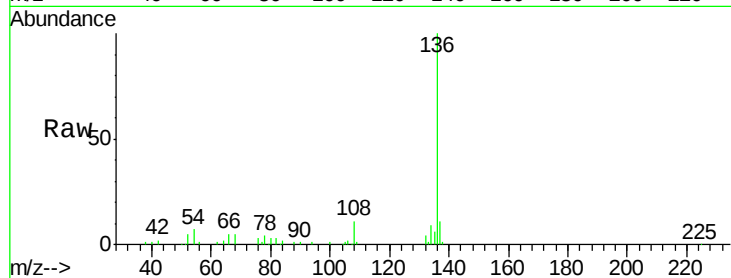




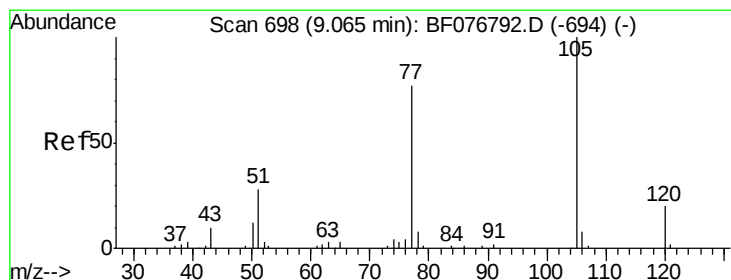
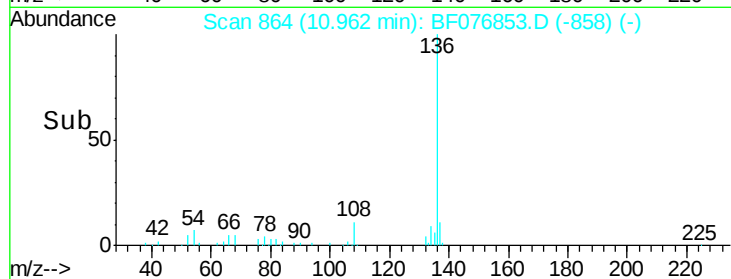
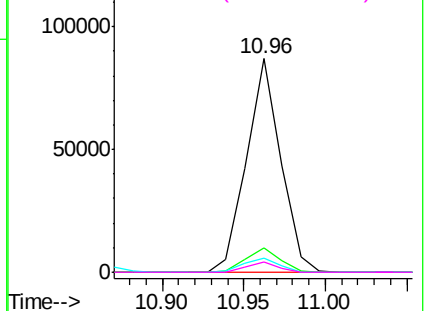
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	126521
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.1 12.1
54	6.9	6.3 9.5
68	4.7	3.4 5.0

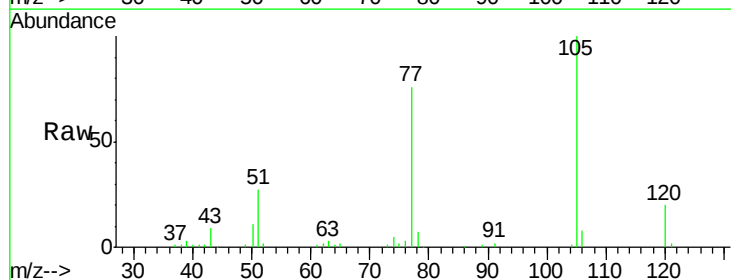


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

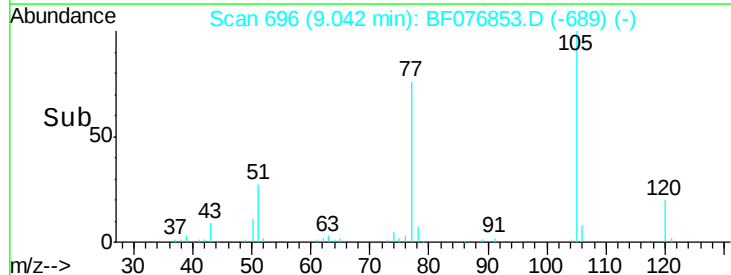
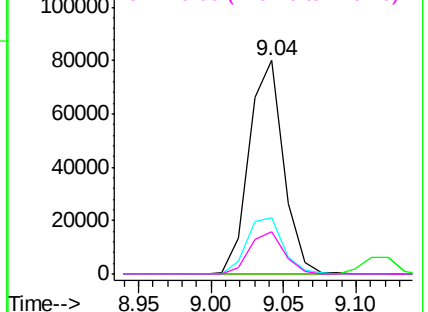


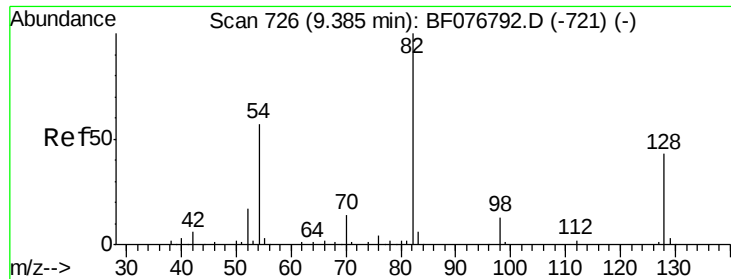
#22
Acetophenone
Concen: 42.41 ng
RT: 9.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:105	Resp:	131845
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	26.5	22.2 33.2
120	19.8	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

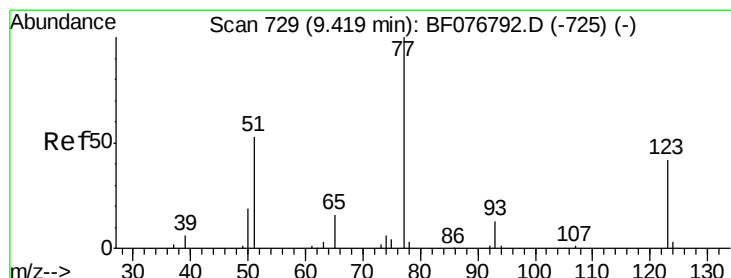
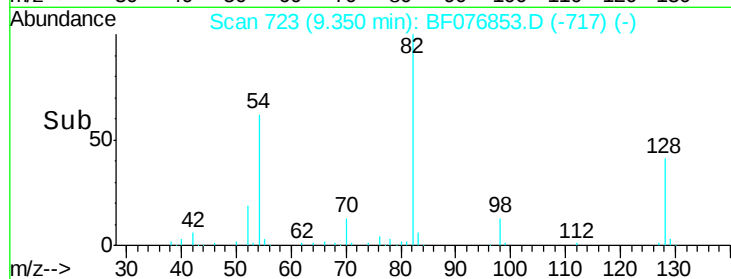
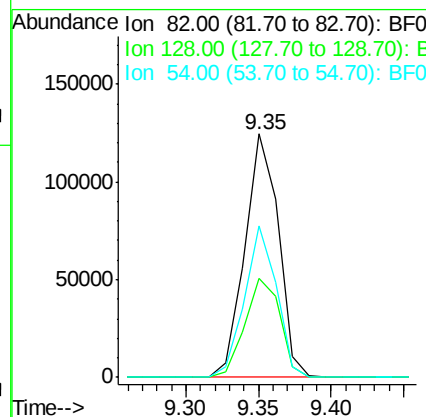
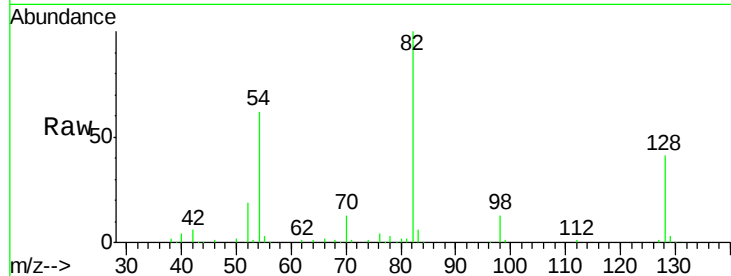




#23
Nitrobenzene-d5
Concen: 87.70 ng
RT: 9.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

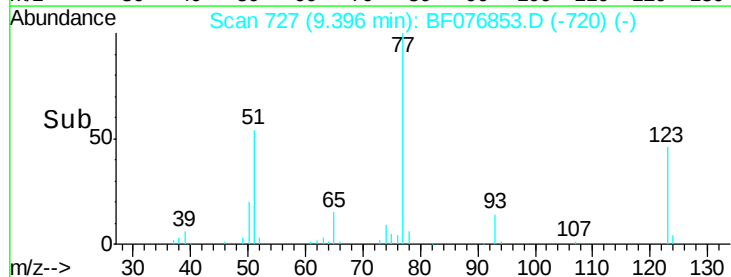
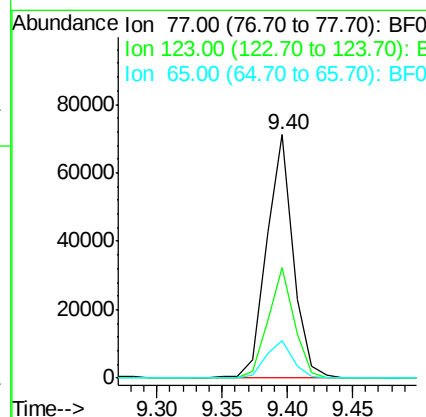
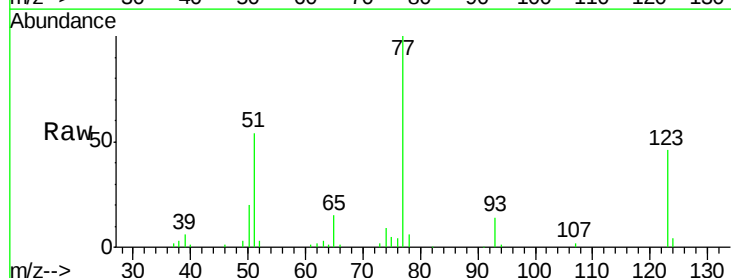
Instrument :
BNA_F
ClientSampleId :

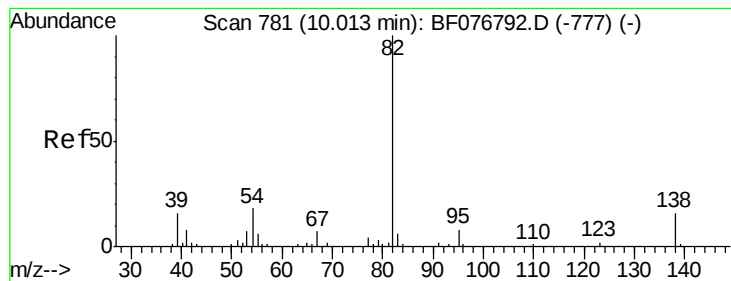
Tot Ion	82	Resp	199673
Ion Ratio	100	Lower	Upper
128	40.8	34.0	51.0
54	62.4	45.6	68.4



#24
Nitrobenzene
Concen: 44.09 ng
RT: 9.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion	77	Resp	101394
Ion Ratio	100	Lower	Upper
123	45.6	33.3	49.9
65	15.3	13.1	19.7





#25

Isophorone

Concen: 42.77 ng

RT: 9.99 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

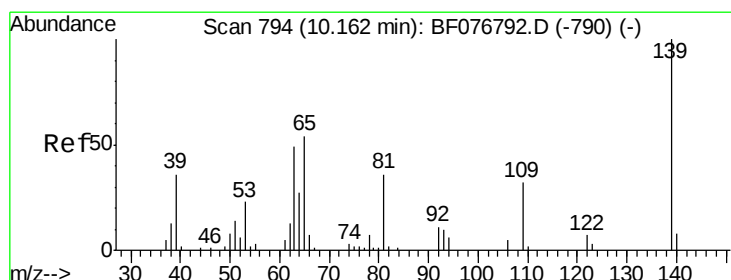
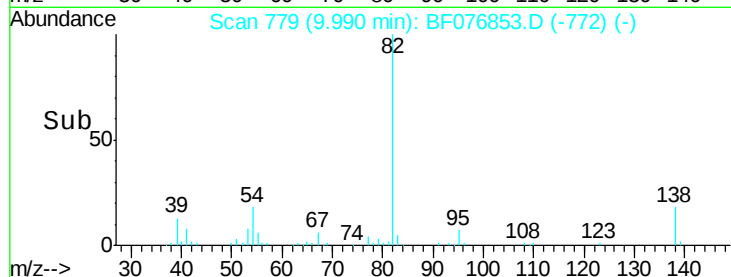
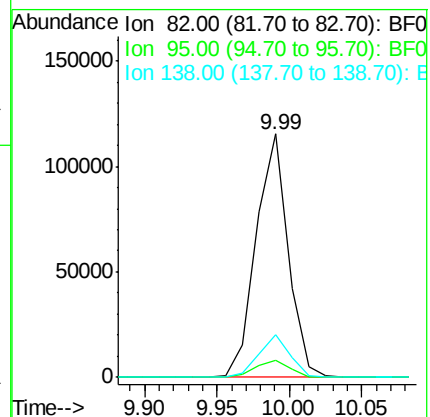
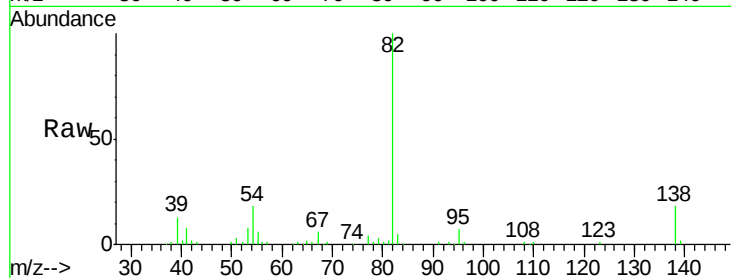
Tot Ion: 82 Resp: 177073

Ion Ratio Lower Upper

82 100

95 7.3 6.4 9.6

138 17.6 13.0 19.4



#26

2-Nitrophenol

Concen: 44.10 ng

RT: 10.13 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

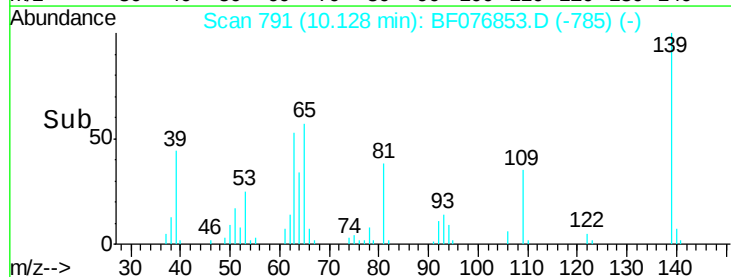
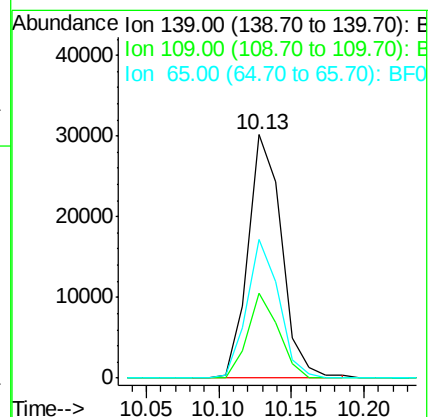
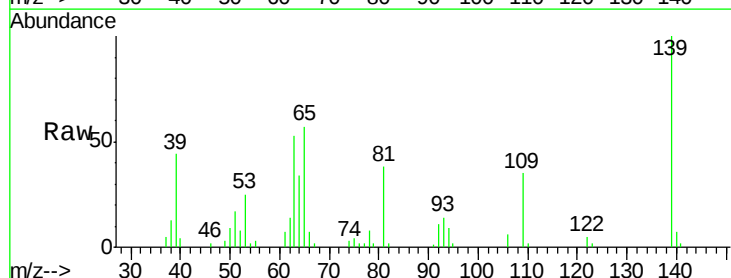
Tgt Ion: 139 Resp: 48514

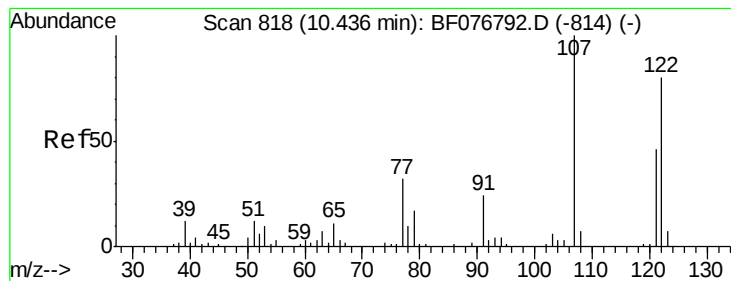
Ion Ratio Lower Upper

139 100

109 34.9 25.4 38.0

65 57.0 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 44.36 ng

RT: 10.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampled :

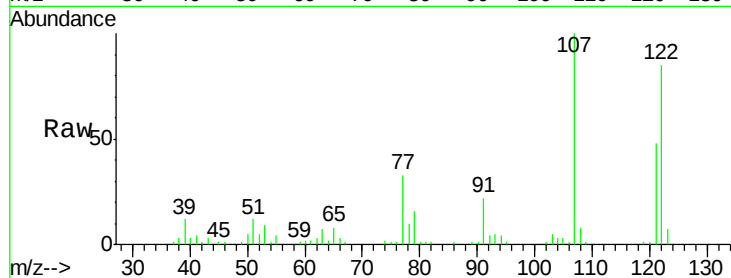
Tot Ion:122 Resp: 79251

Ion Ratio Lower Upper

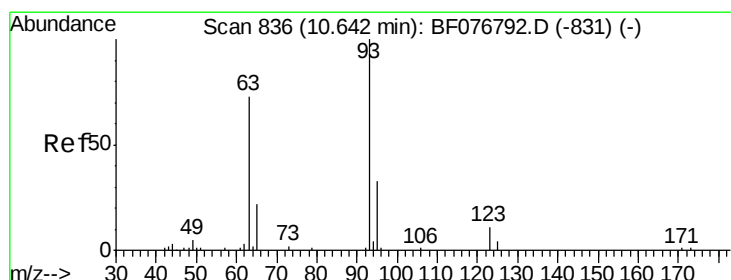
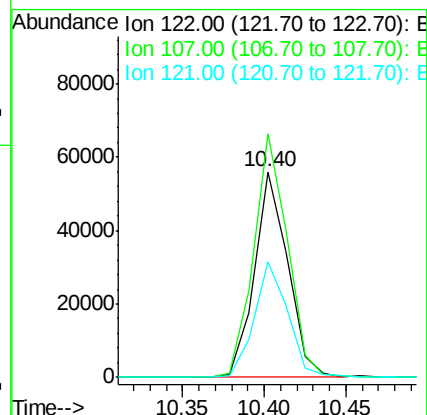
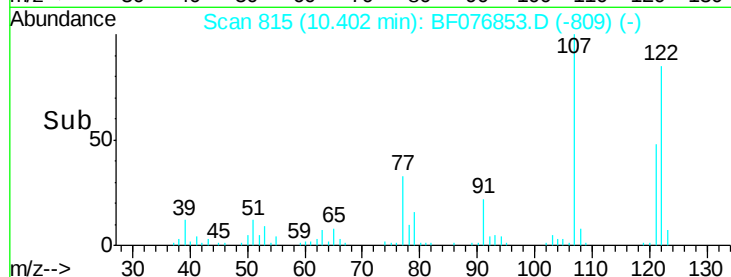
122 100

107 118.3 100.6 150.8

121 56.4 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: 41.47 ng

RT: 10.61 min Scan# 833

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

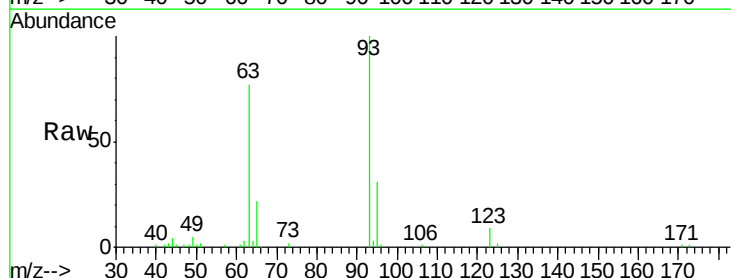
Tgt Ion: 93 Resp: 100855

Ion Ratio Lower Upper

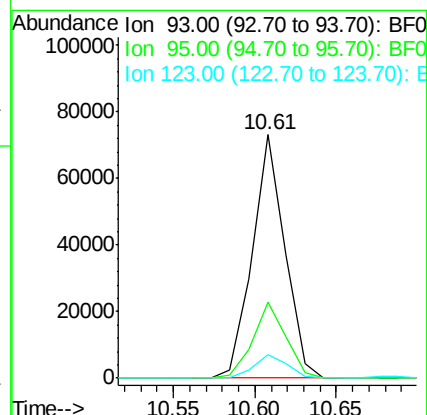
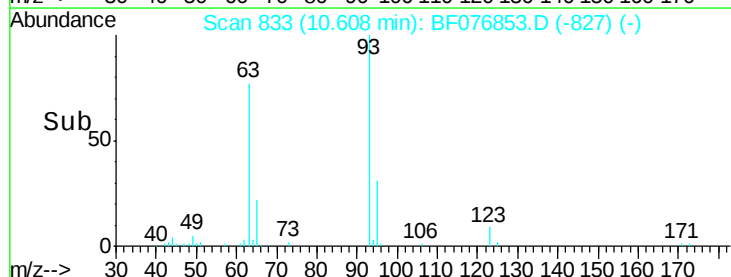
93 100

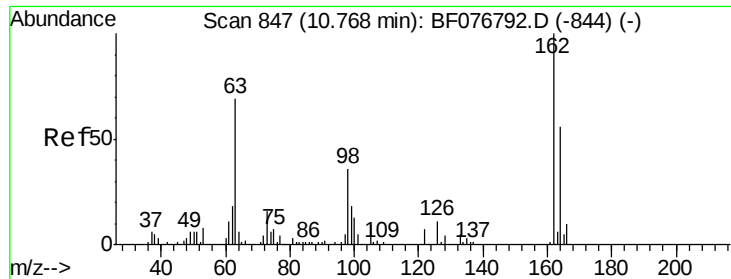
95 31.0 26.1 39.1

123 9.4 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

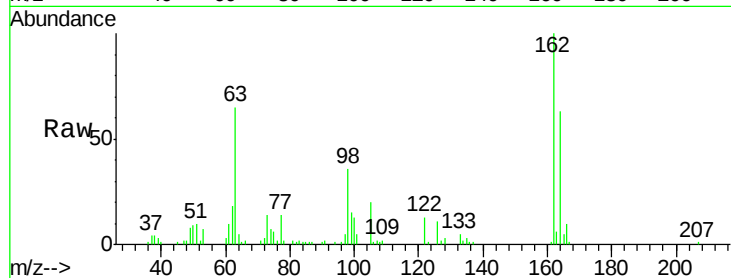




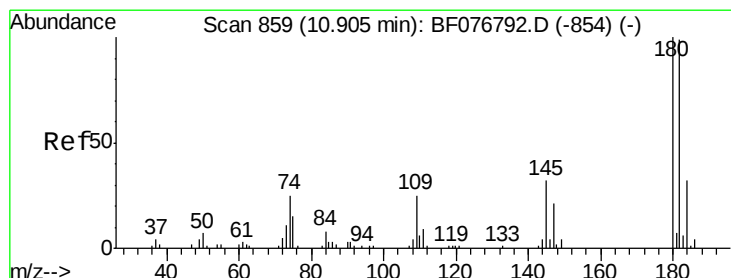
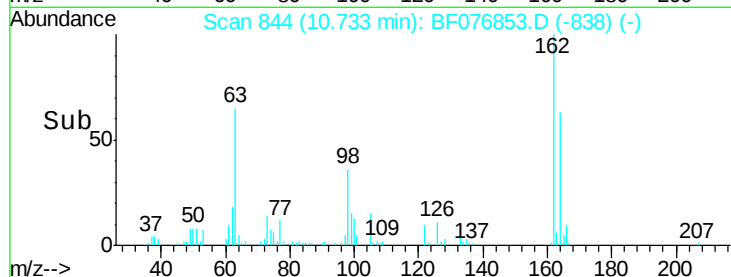
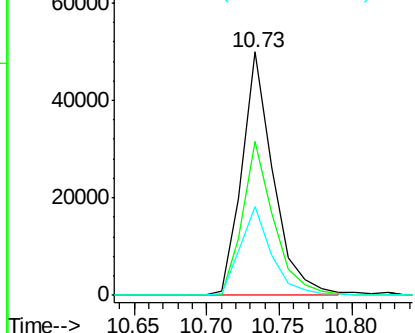
#29
2,4-Dichlorophenol
Concen: 44.39 ng
RT: 10.73 min Scan# 844
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 75454
Ion Ratio Lower Upper
162 100
164 63.4 36.4 76.4
98 36.2 16.1 56.1

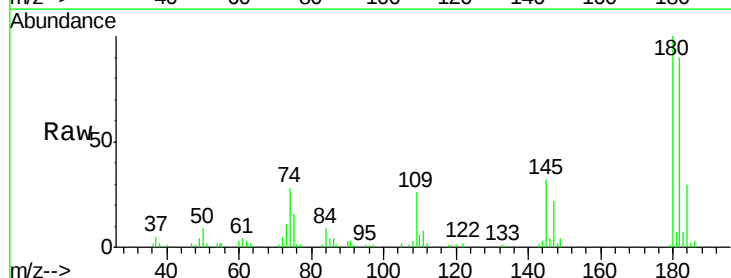


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

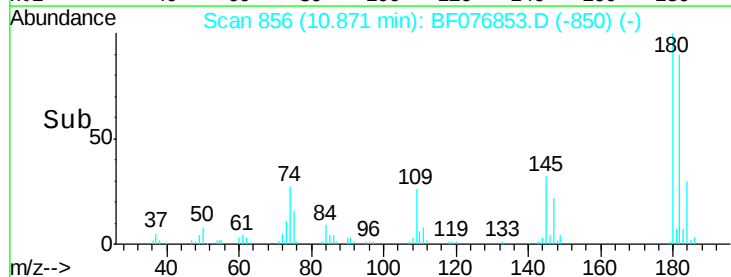
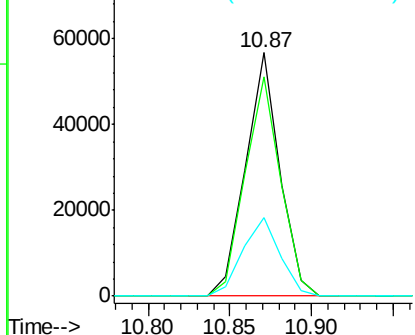


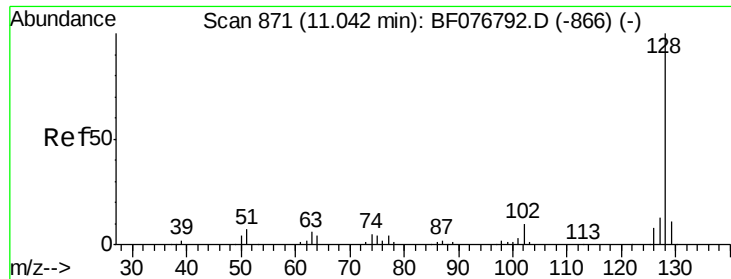
#30
1,2,4-Trichlorobenzene
Concen: 42.98 ng
RT: 10.87 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:180 Resp: 82429
Ion Ratio Lower Upper
180 100
182 90.1 79.4 119.2
145 32.5 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

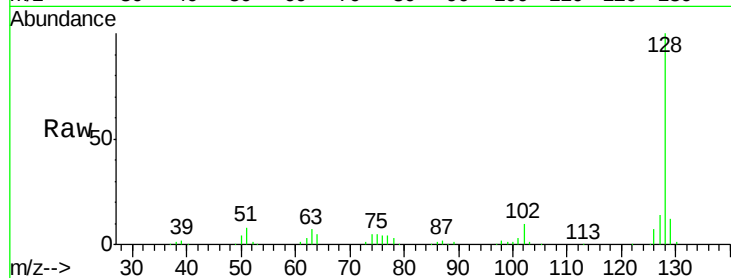




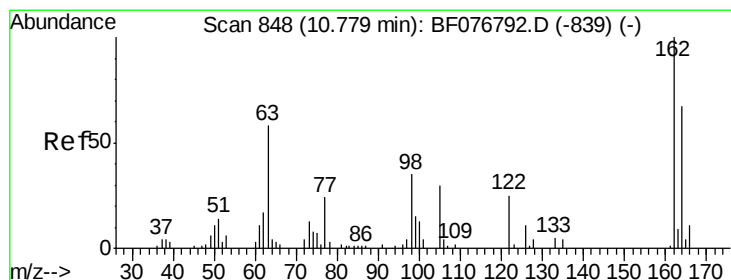
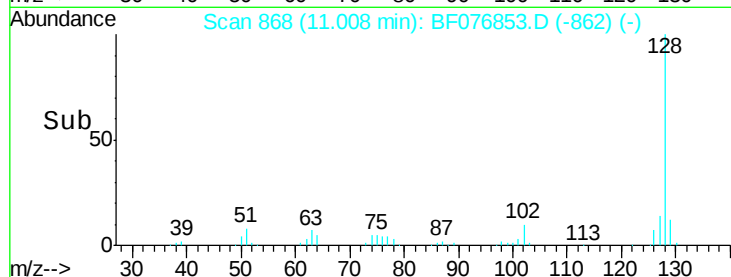
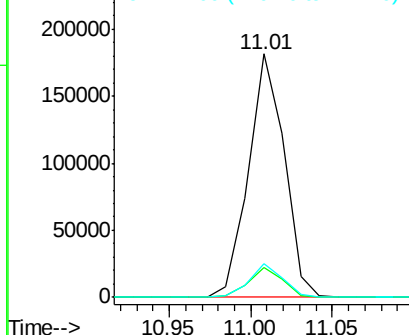
#31
Naphthalene
Concen: 42.55 ng
RT: 11.01 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 276179
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 13.7 10.1 15.1

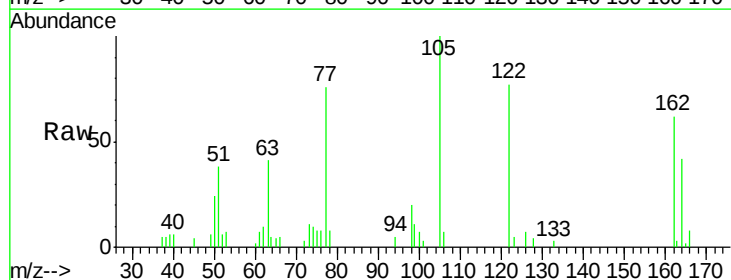


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

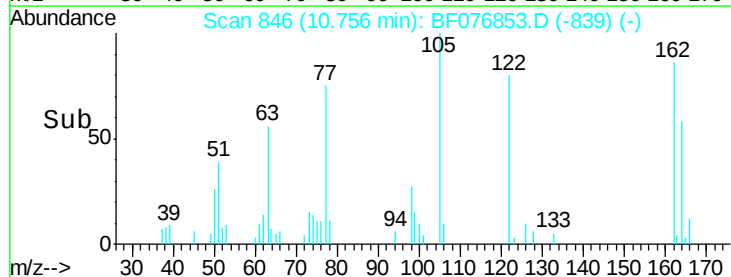
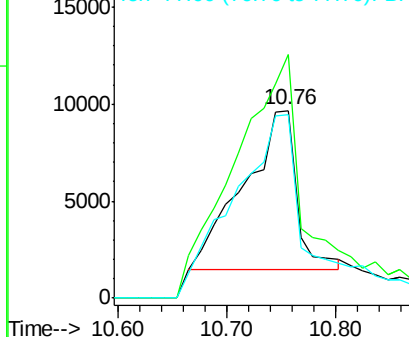


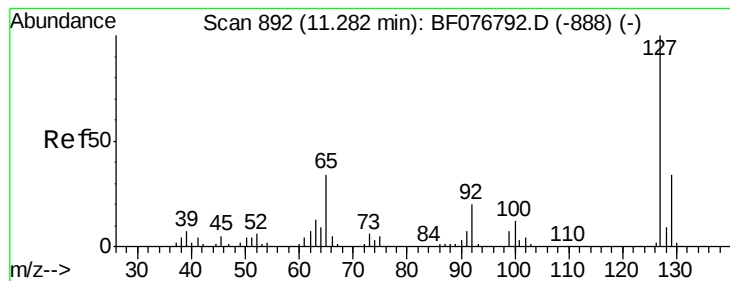
#32
Benzoic acid
Concen: 31.52 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:122 Resp: 27487
Ion Ratio Lower Upper
122 100
105 129.8 101.8 141.8
77 98.0 76.0 116.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

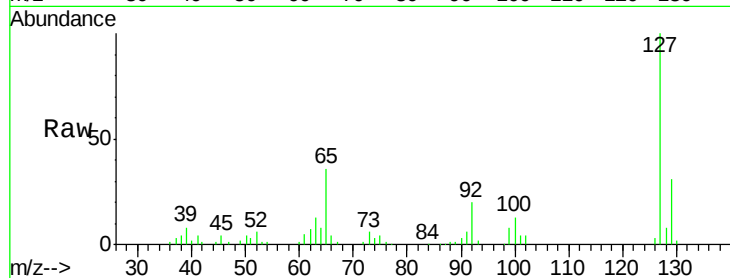




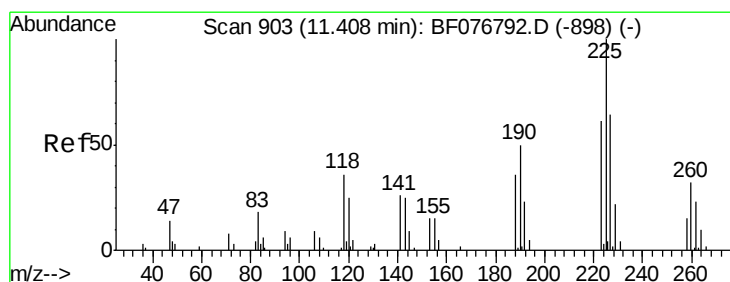
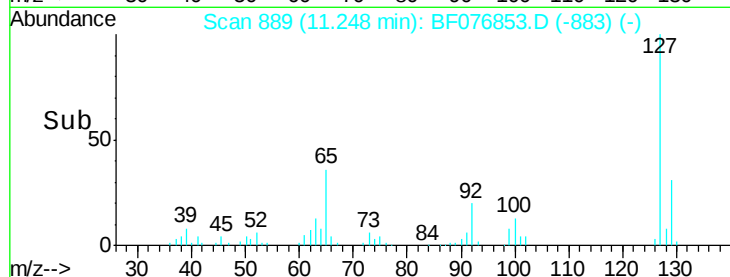
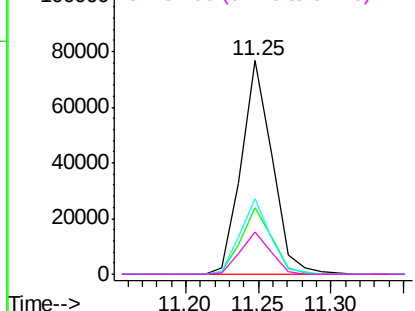
#33
4-Chloroaniline
Concen: 44.73 ng
RT: 11.25 min Scan# 889
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	113723
Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.0	40.4
65	35.5	27.2	40.8
92	19.7	16.0	24.0

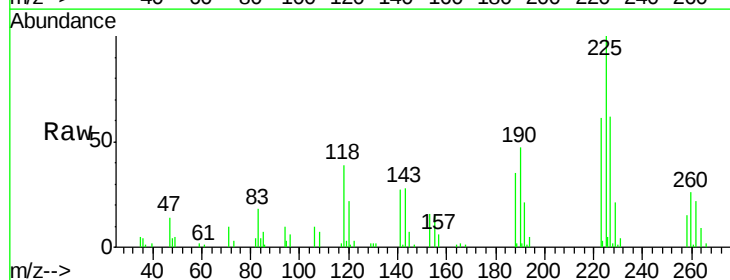


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

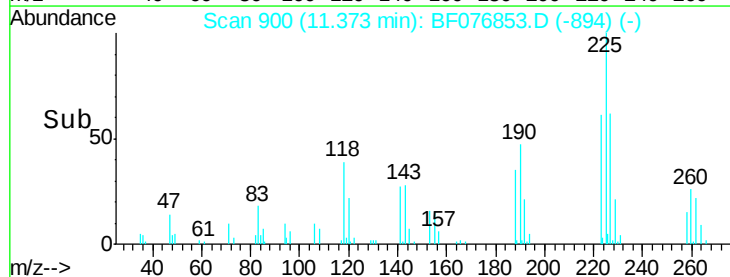
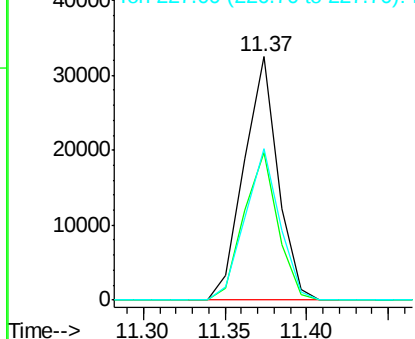


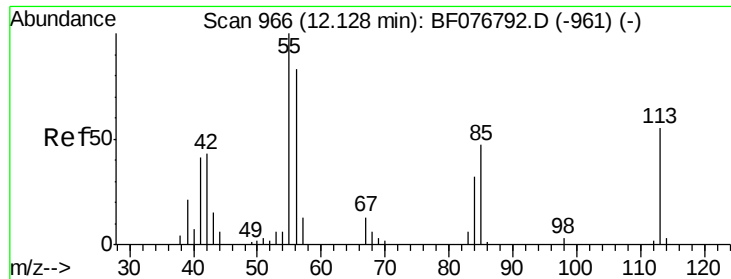
#34
Hexachlorobutadiene
Concen: 42.69 ng
RT: 11.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:	225	Resp:	46823
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.7	73.1
227	62.0	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

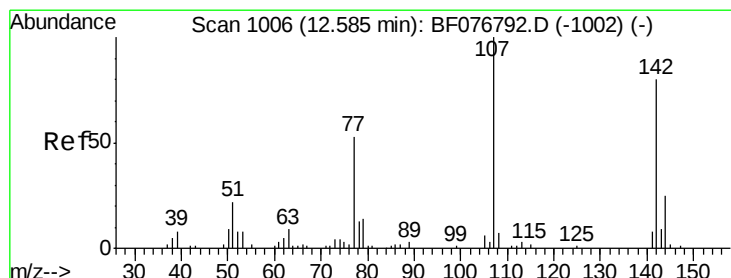
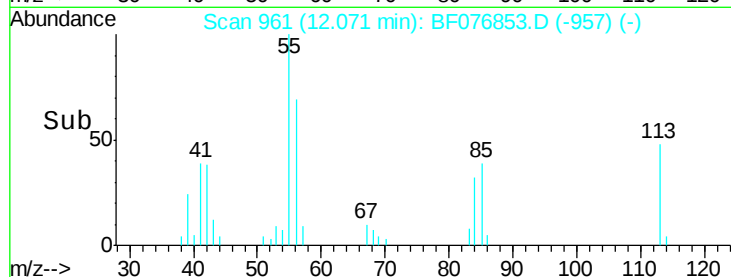
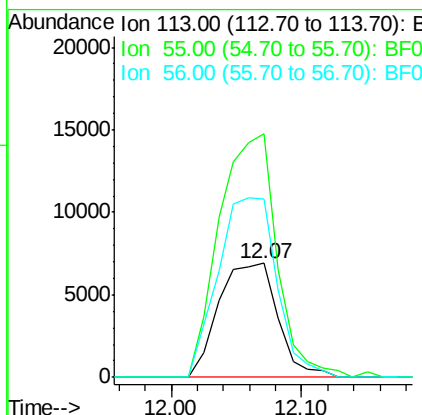
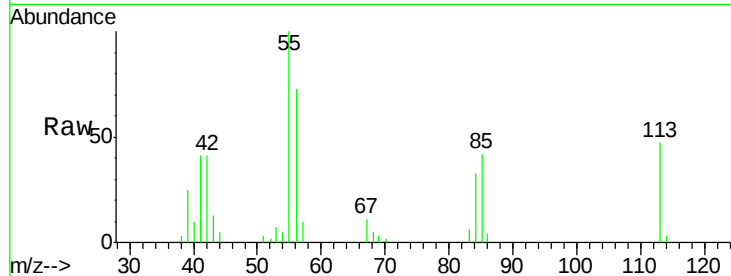




#35
 Caprolactam
 Concen: 43.36 ng
 RT: 12.07 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

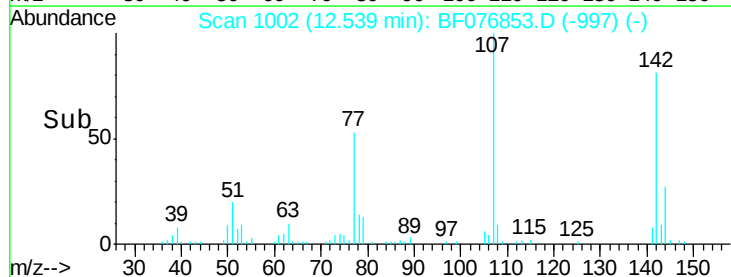
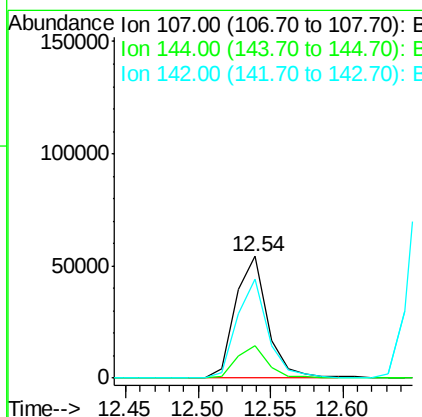
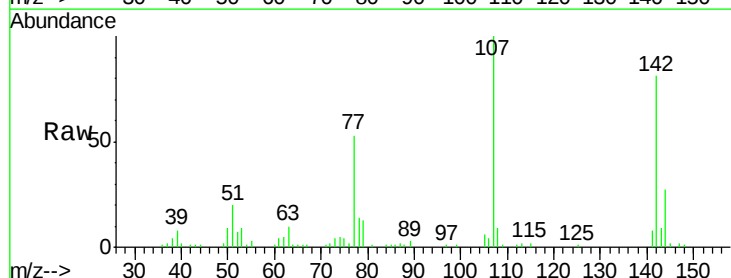
Instrument :
 BNA_F
 ClientSampleId :

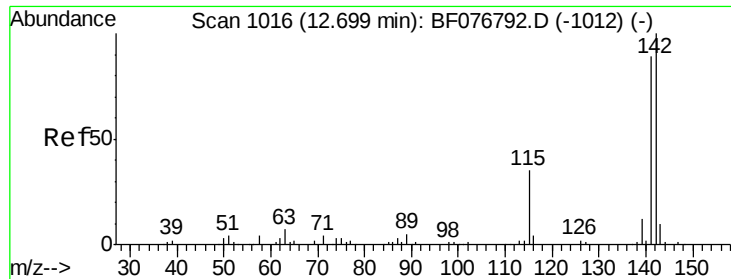
Tot Ion:113 Resp: 21885
 Ion Ratio Lower Upper
 113 100
 55 213.3 173.2 213.2#
 56 156.7 137.6 177.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.50 ng
 RT: 12.54 min Scan# 1002
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:107 Resp: 83930
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.8 29.8
 142 81.0 64.0 96.0

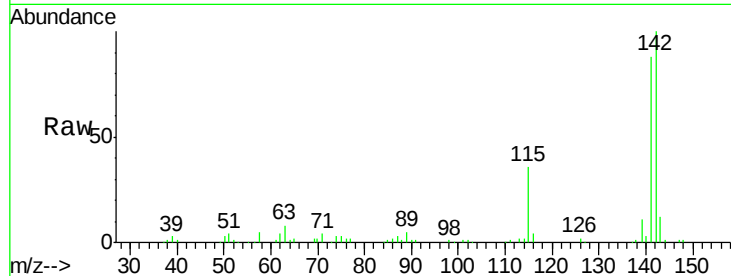




#37
 2-Methylnaphthalene
 Concen: 41.74 ng
 RT: 12.65 min Scan# 1012
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.4
115	36.2	28.2	42.2

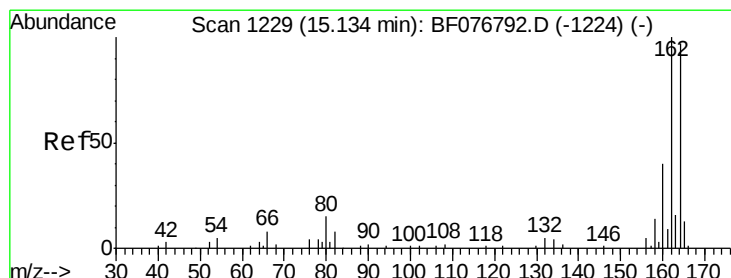
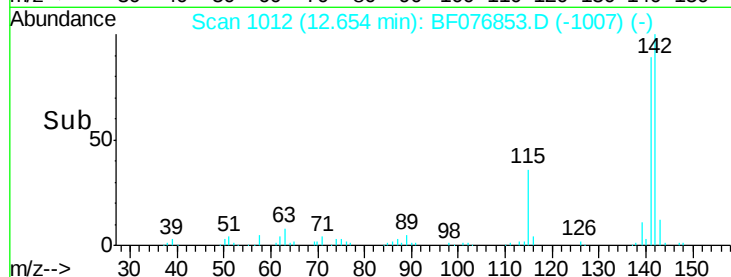
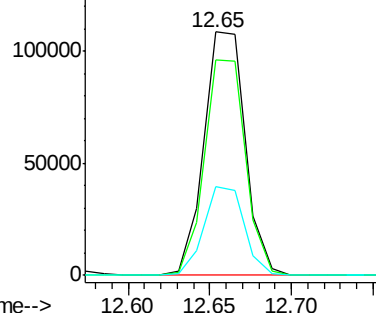


Abundance

Ion 142.00 (141.70 to 142.70): E

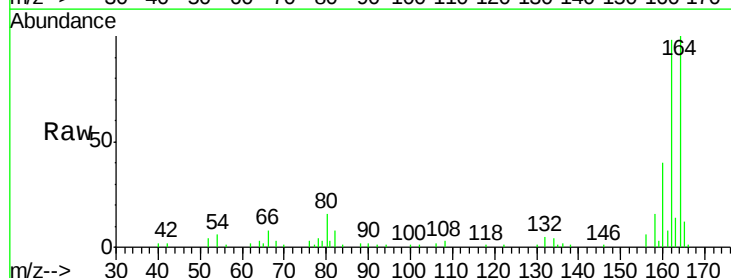
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1225
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.5	123.7
160	39.7	33.1	49.7

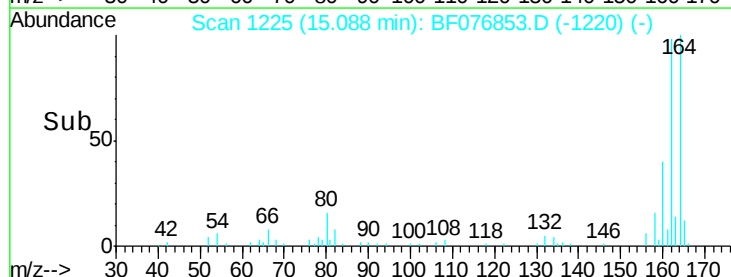
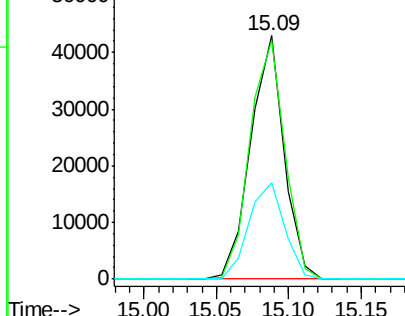


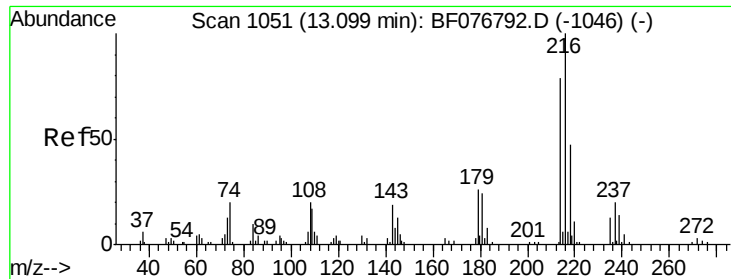
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.47 ng

RT: 13.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 72397

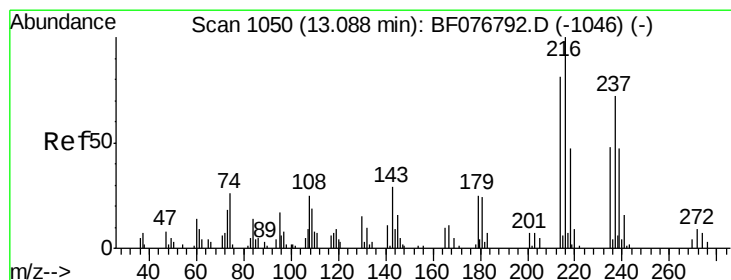
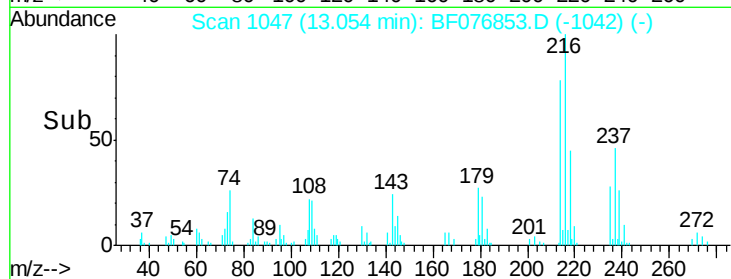
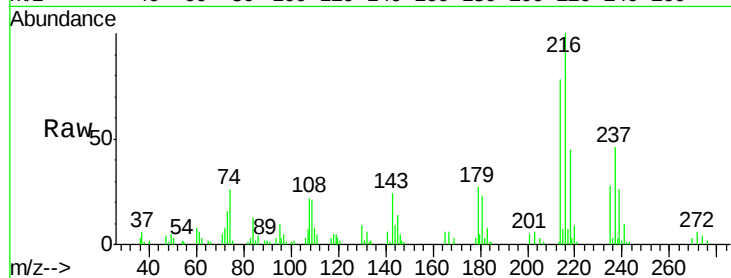
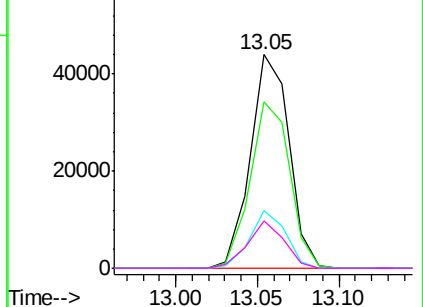
Ion	Ratio	Lower	Upper
216	100		
214	79.7	65.0	97.4
179	25.1	20.2	30.2
108	21.0	18.1	27.1

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.28 ng

RT: 13.05 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

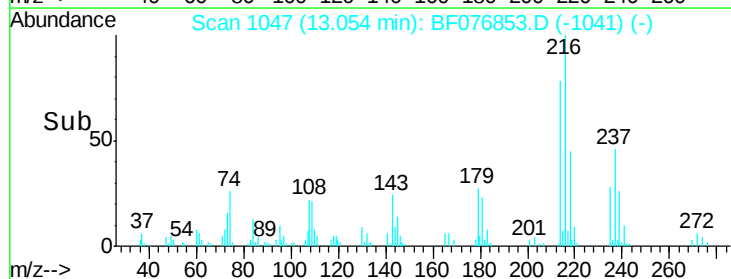
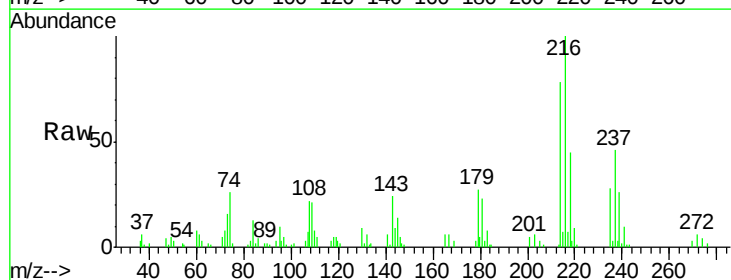
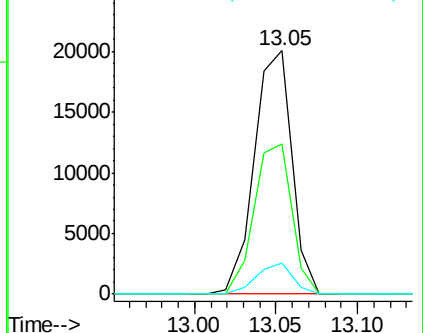
Tgt Ion:237 Resp: 32222

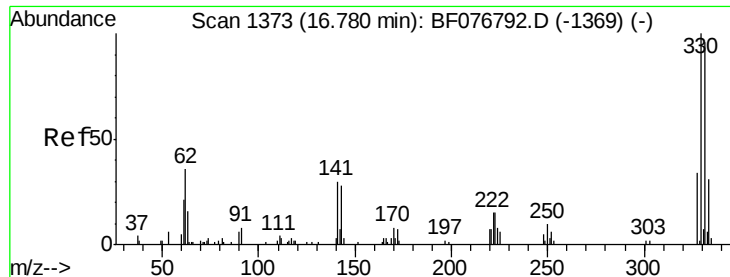
Ion	Ratio	Lower	Upper
237	100		
235	61.5	46.3	86.3
272	12.5	0.0	32.4

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 83.07 ng

RT: 16.73 min Scan# 1369

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampled :

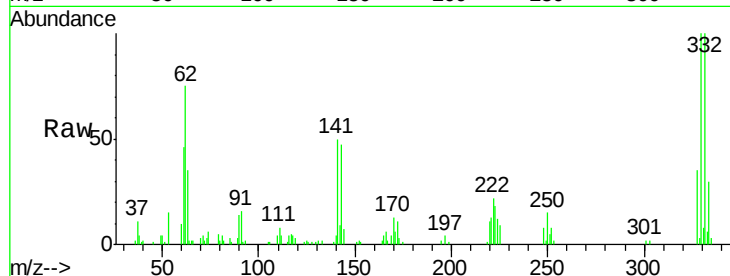
Tot Ion:330 Resp: 47570

Ion Ratio Lower Upper

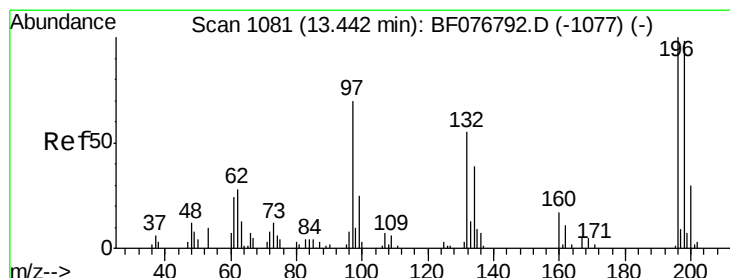
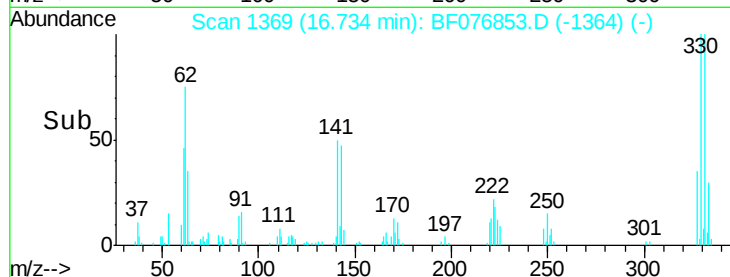
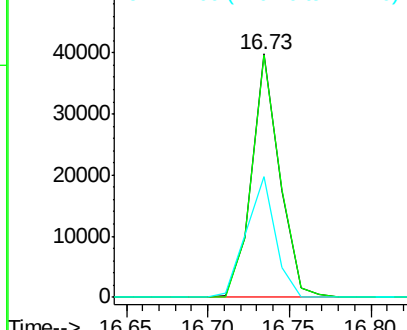
330 100

332 99.4 74.8 112.2

141 51.1 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: 43.39 ng

RT: 13.40 min Scan# 1077

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

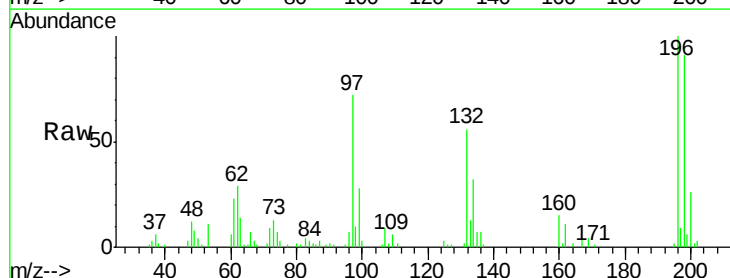
Tgt Ion:196 Resp: 53720

Ion Ratio Lower Upper

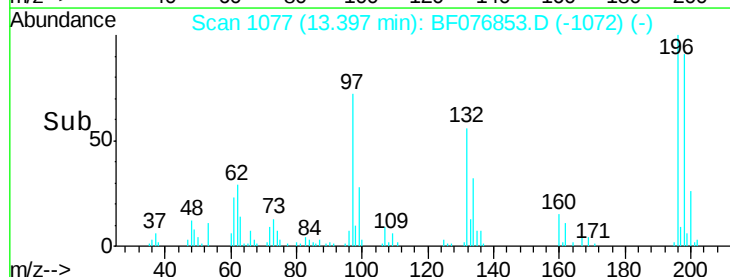
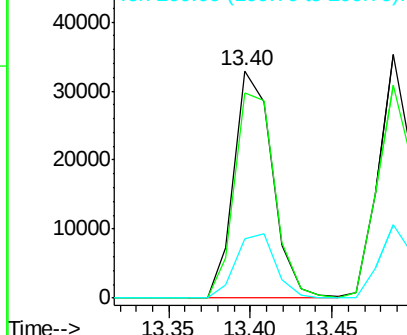
196 100

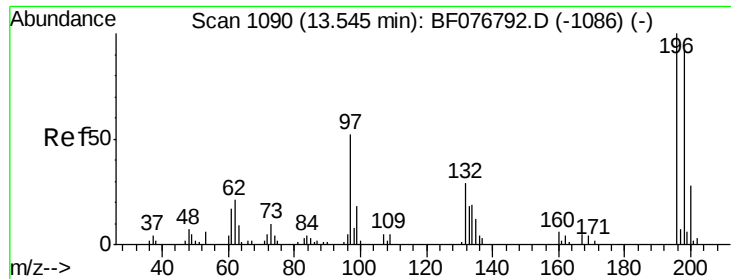
198 90.6 78.4 117.6

200 26.2 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

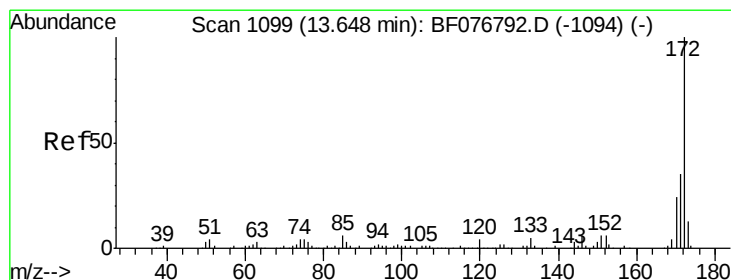
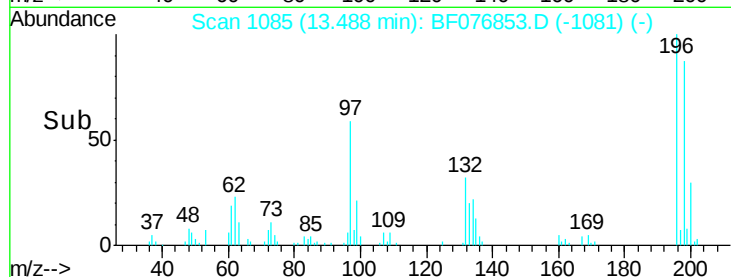
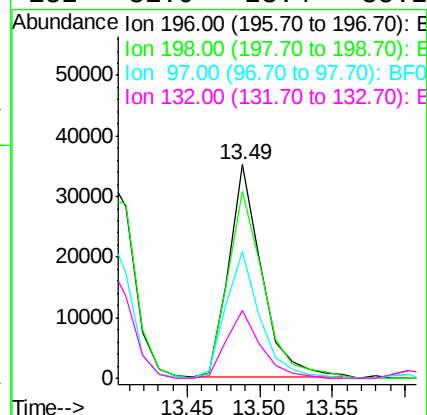
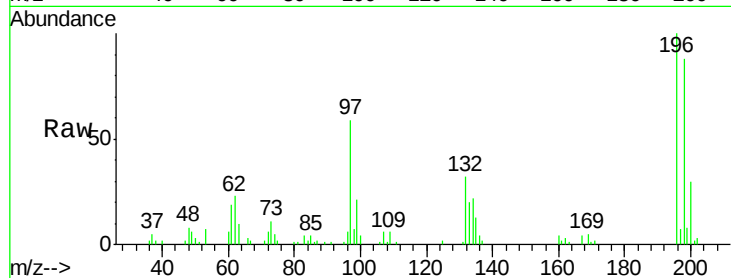




#43
 2,4,5-Trichlorophenol
 Concen: 42.20 ng
 RT: 13.49 min Scan# 1085
 Delta R.T. -0.06 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

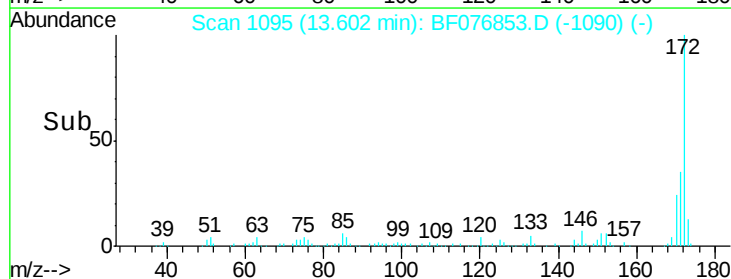
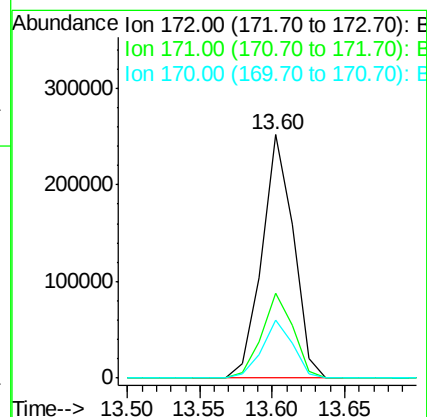
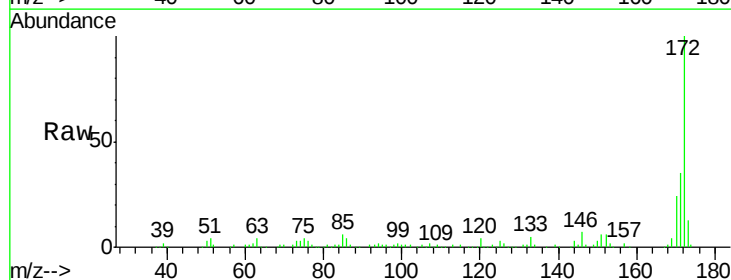
Instrument :
 BNA_F
 ClientSampleId :

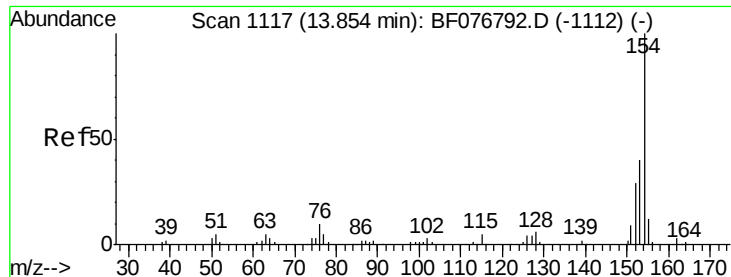
Tot Ion	196	Resp	54918
Ion Ratio	100	Lower	Upper
196	100		
198	87.5	73.8	110.8
97	59.4	41.3	61.9
132	31.9	23.4	35.2



#44
 2-Fluorobiphenyl
 Concen: 81.21 ng
 RT: 13.60 min Scan# 1095
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion	172	Resp	378538
Ion Ratio	100	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.7	18.8	28.2

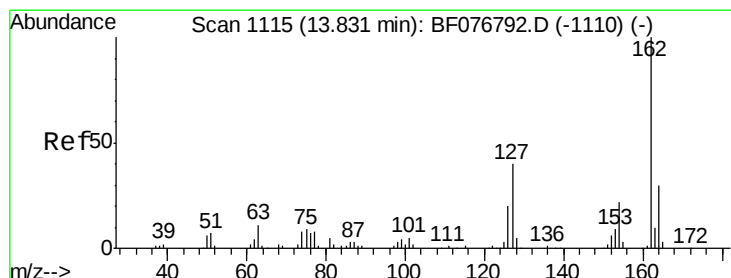
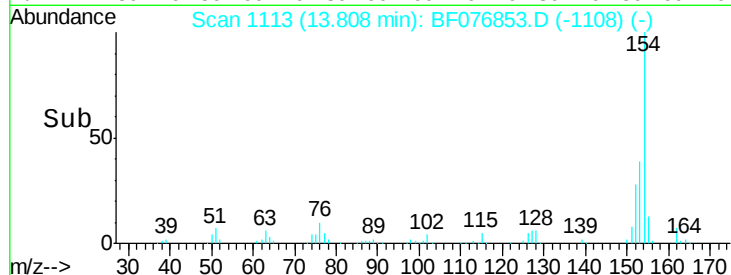
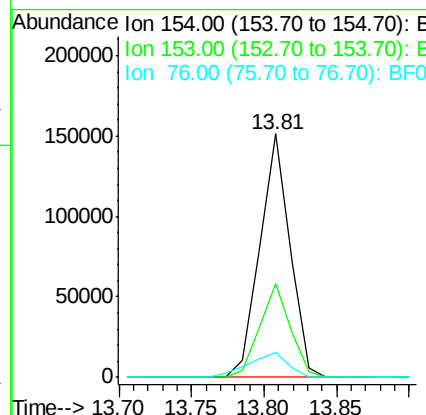
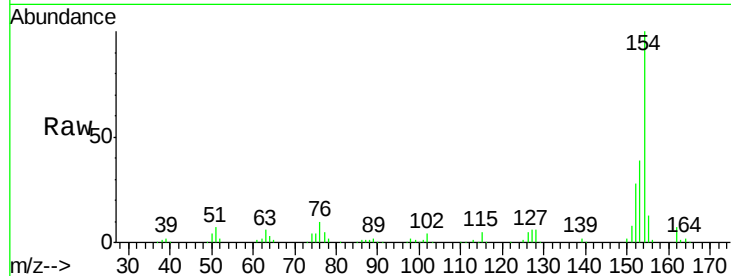




#45
 1,1'-Biphenyl
 Concen: 41.51 ng
 RT: 13.81 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

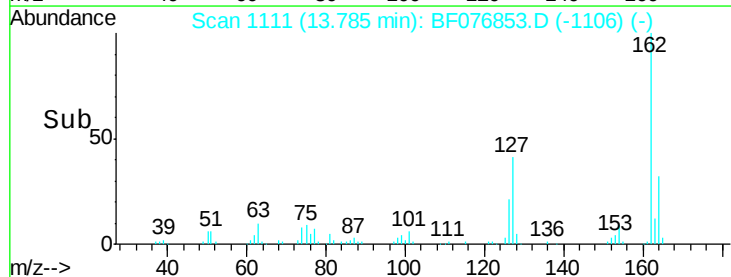
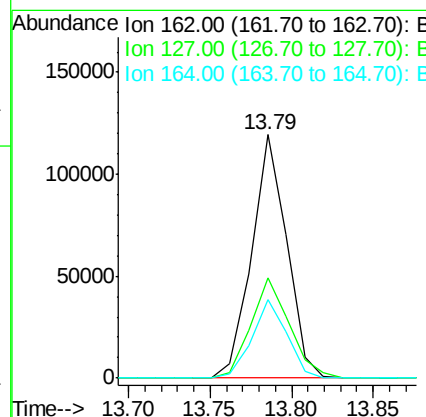
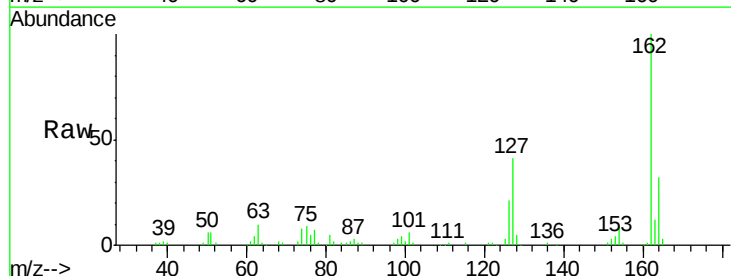
Instrument :
 BNA_F
 ClientSampleId :

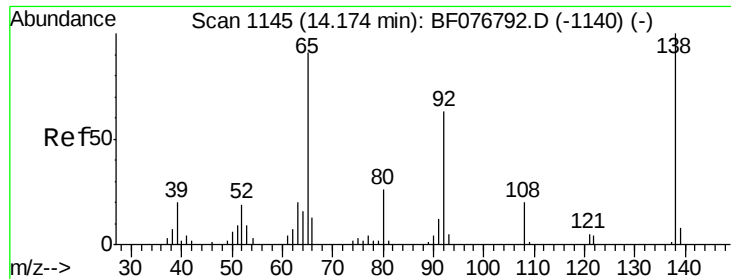
Tot Ion:154	Resp:	218931
Ion	Ratio	Lower Upper
154	100	
153	38.5	19.9 59.9
76	10.0	0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 41.89 ng
 RT: 13.79 min Scan# 1111
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:162	Resp:	177563
Ion	Ratio	Lower Upper
162	100	
127	41.1	31.8 47.6
164	32.3	24.1 36.1

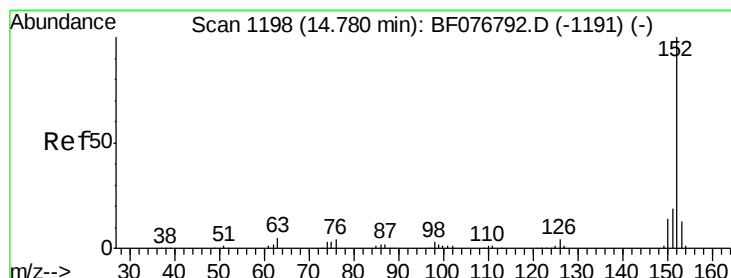
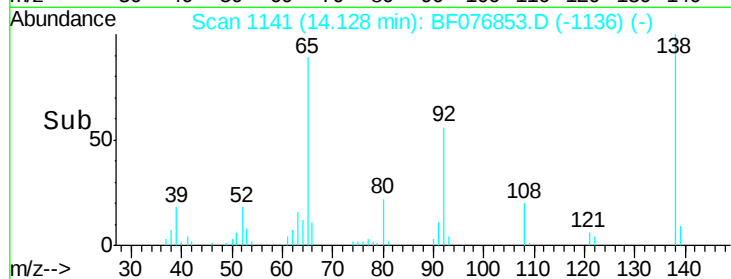
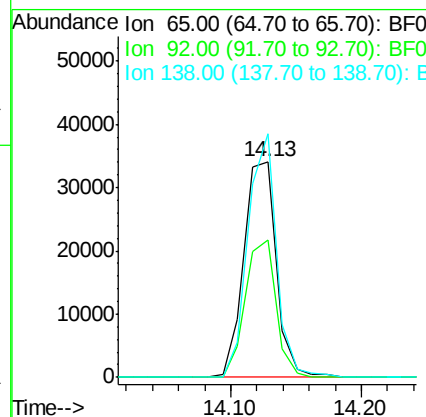
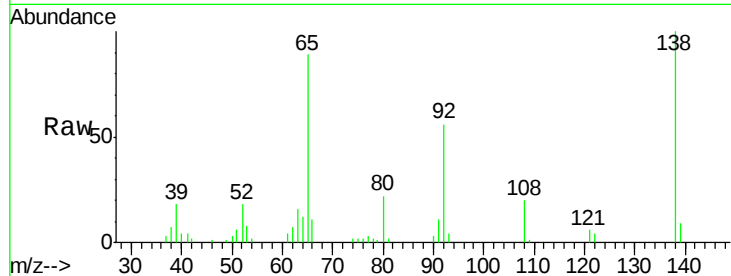




#47
2-Nitroaniline
Concen: 46.93 ng
RT: 14.13 min Scan# 1141
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

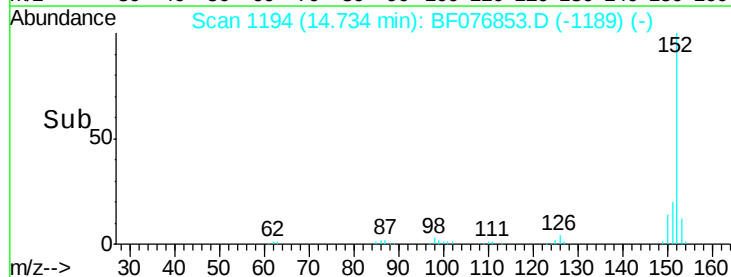
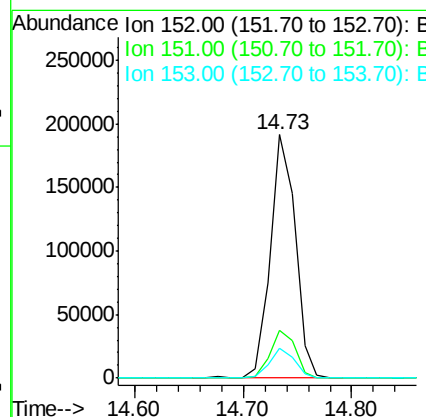
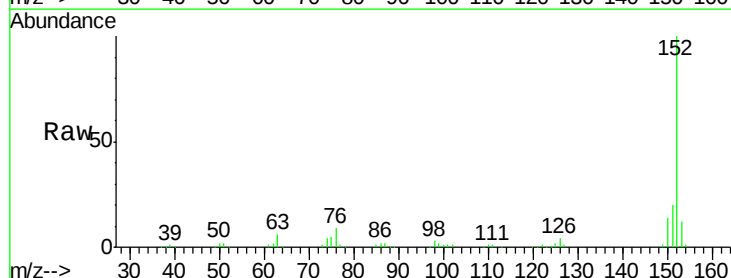
Instrument :
BNA_F
ClientSampled :

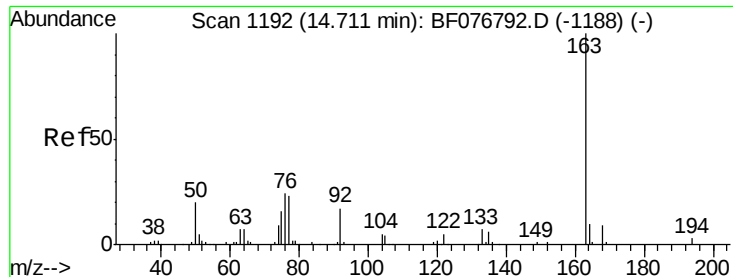
Tot Ion: 65 Resp: 59283
Ion Ratio Lower Upper
65 100
92 63.7 56.0 84.0
138 113.0 88.2 132.4



#48
Acenaphthylene
Concen: 42.96 ng
RT: 14.73 min Scan# 1194
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion: 152 Resp: 308598
Ion Ratio Lower Upper
152 100
151 19.7 15.2 22.8
153 12.3 10.5 15.7





#49

Dimethylphthalate

Concen: 41.09 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

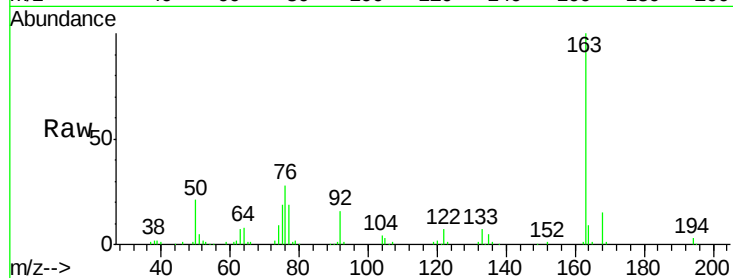
Tot Ion:163 Resp: 204856

Ion Ratio Lower Upper

163 100

194 2.6 2.3 3.5

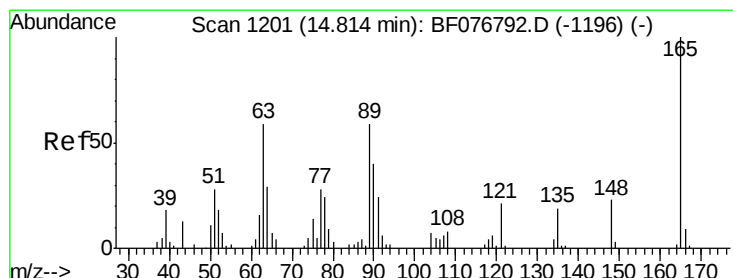
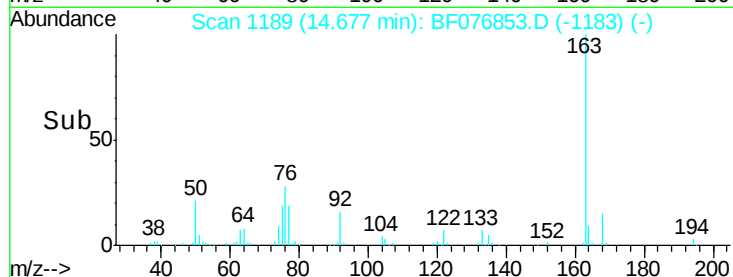
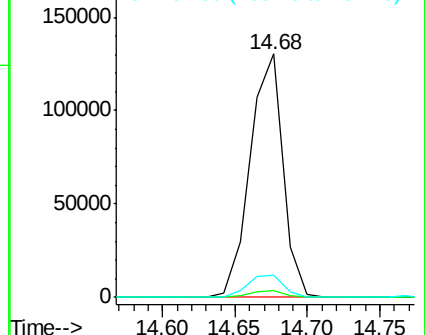
164 9.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.84 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

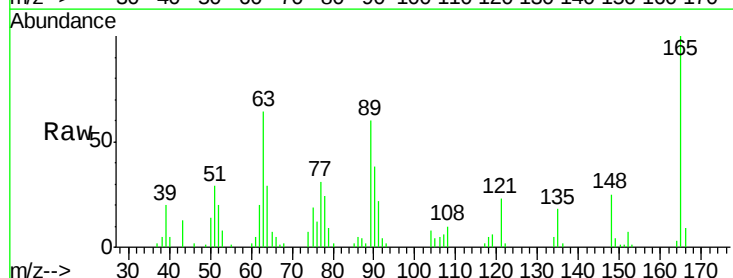
Tgt Ion:165 Resp: 43170

Ion Ratio Lower Upper

165 100

63 64.3 49.8 74.8

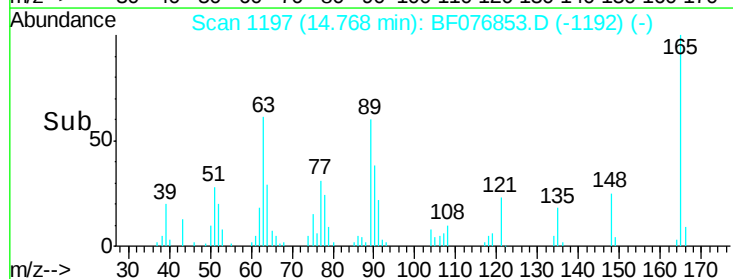
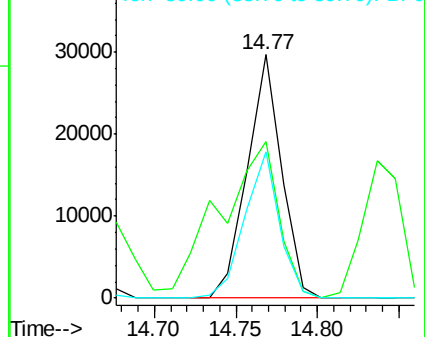
89 60.2 46.8 70.2

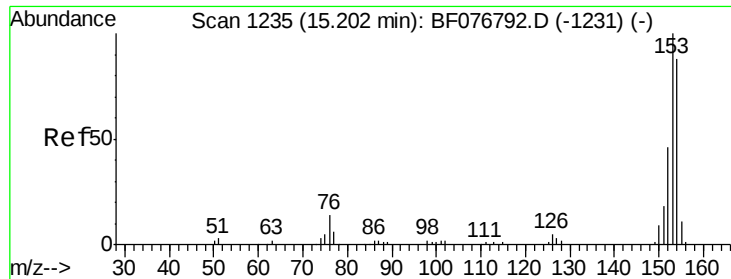


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.85 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampled :

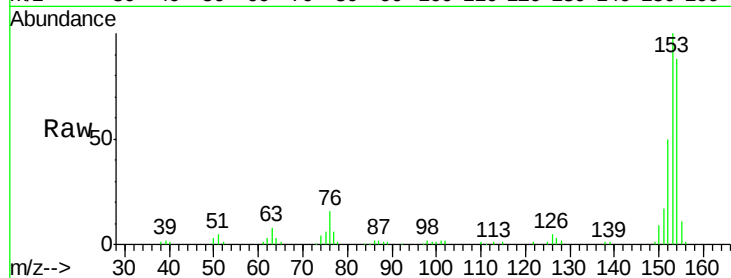
Tot Ion:154 Resp: 165738

Ion Ratio Lower Upper

154 100

153 114.3 91.0 136.6

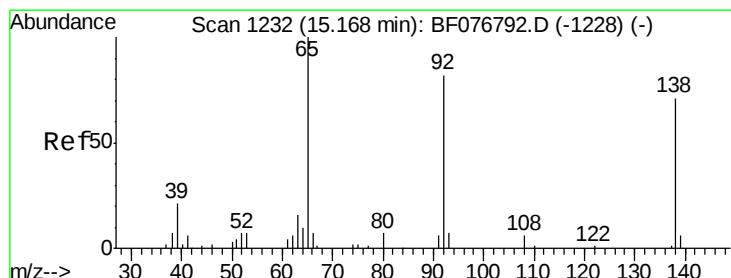
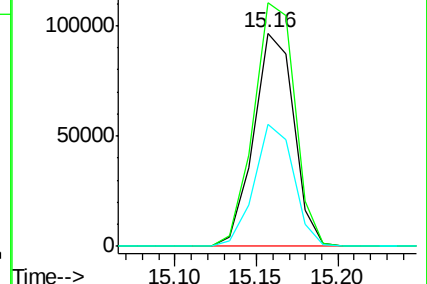
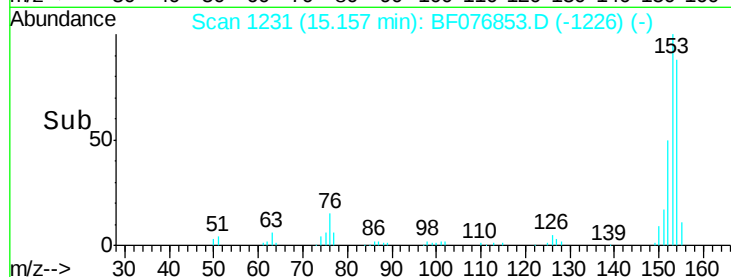
152 57.5 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.01 ng

RT: 15.12 min Scan# 1228

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

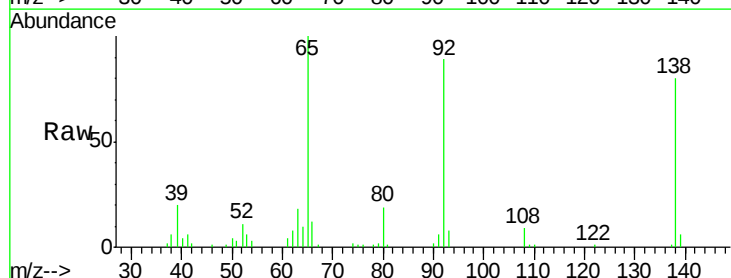
Tgt Ion:138 Resp: 51963

Ion Ratio Lower Upper

138 100

108 11.1 8.6 13.0

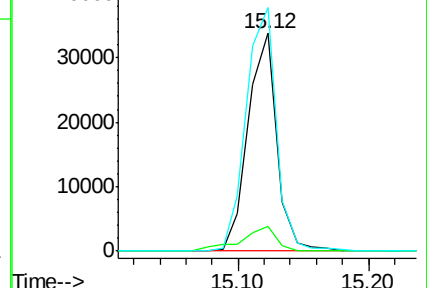
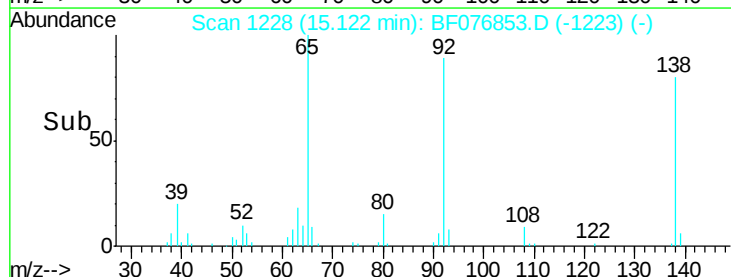
92 111.9 92.0 138.0

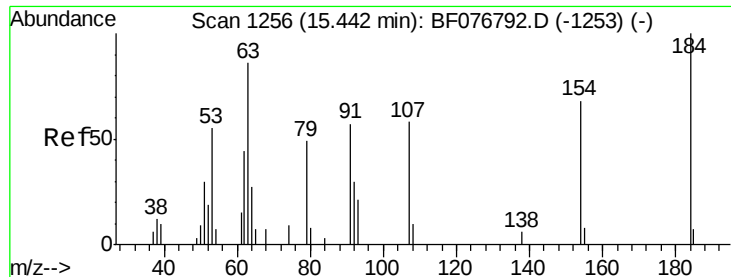


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

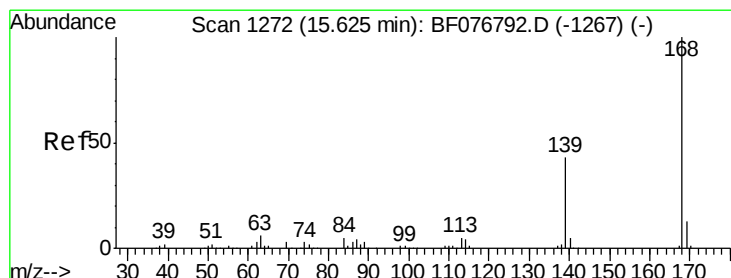
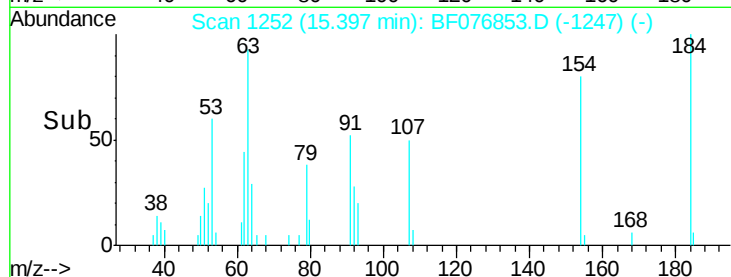
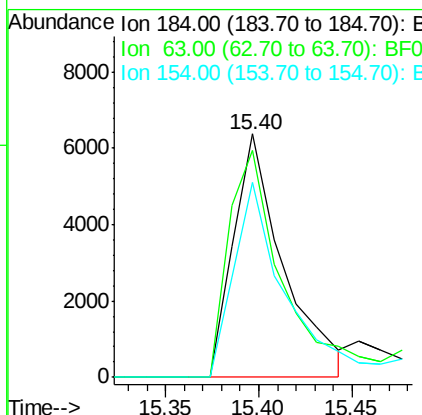
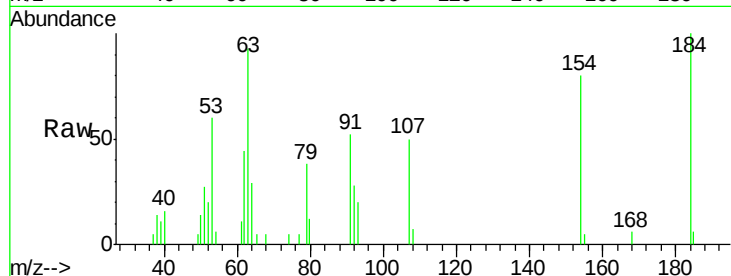




#53
 2,4-Dinitrophenol
 Concen: 42.29 ng
 RT: 15.40 min Scan# 1252
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

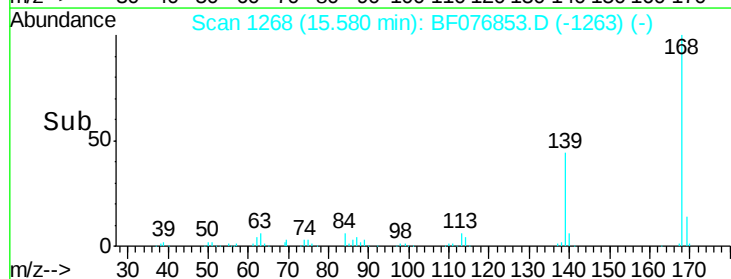
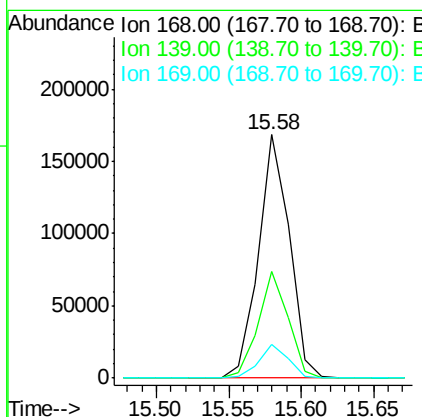
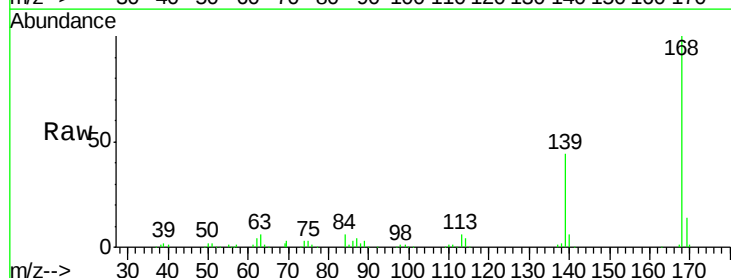
Instrument :
 BNA_F
 ClientSampleId :

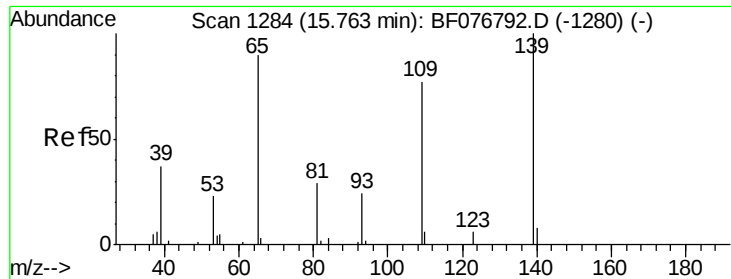
Tot Ion:184 Resp: 11902
 Ion Ratio Lower Upper
 184 100
 63 93.0 68.6 102.8
 154 80.0 54.8 82.2



#54
 Dibenzofuran
 Concen: 41.78 ng
 RT: 15.58 min Scan# 1268
 Delta R.T. -0.05 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:168 Resp: 248041
 Ion Ratio Lower Upper
 168 100
 139 43.9 34.2 51.4
 169 13.8 10.5 15.7

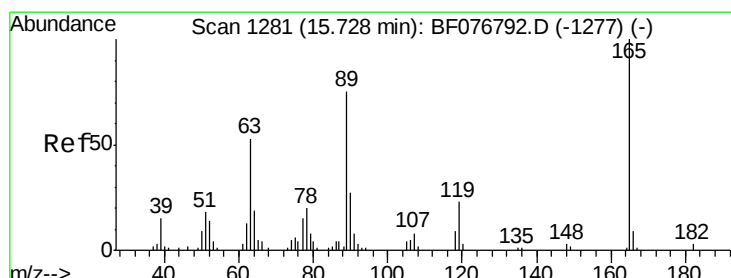
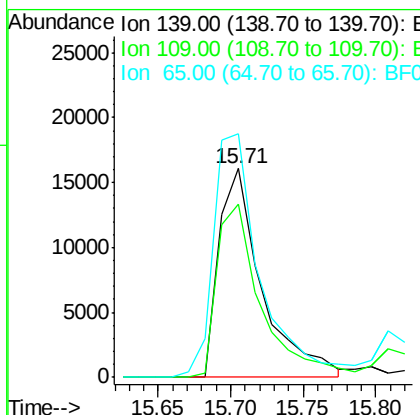
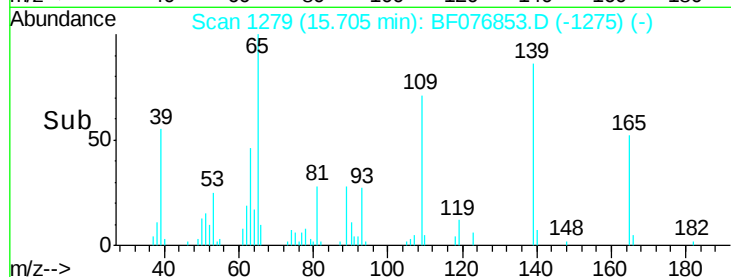
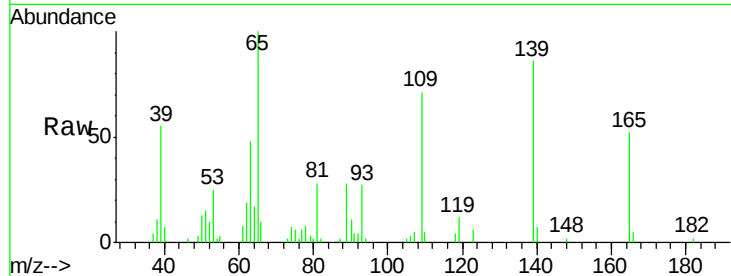




#55
4-Nitrophenol
Concen: 42.46 ng
RT: 15.71 min Scan# 1279
Delta R.T. -0.06 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

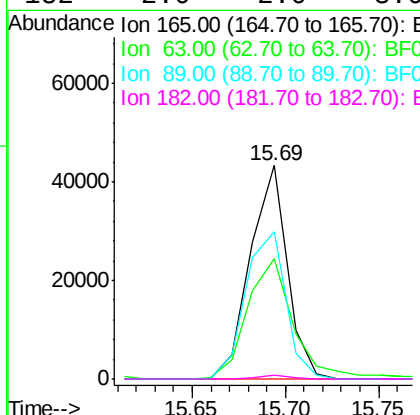
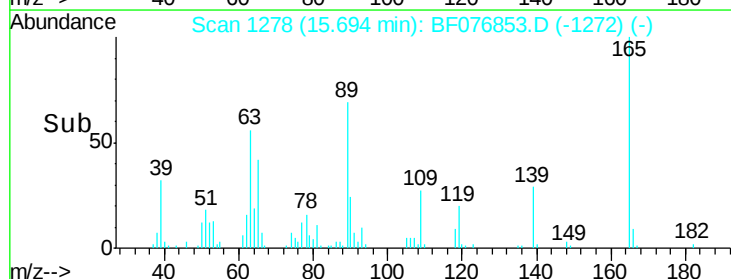
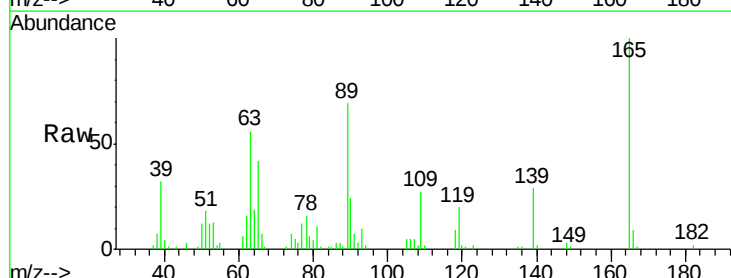
Instrument :
BNA_F
ClientSampleId :

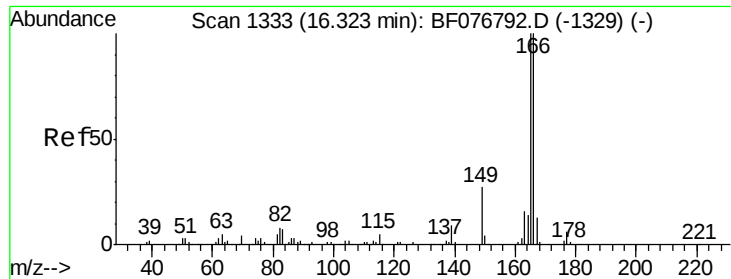
Tot Ion:139 Resp: 33030
Ion Ratio Lower Upper
139 100
109 82.9 57.5 97.5
65 116.5 77.3 117.3



#56
2,4-Dinitrotoluene
Concen: 44.12 ng
RT: 15.69 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:165 Resp: 59554
Ion Ratio Lower Upper
165 100
63 56.3 42.5 63.7
89 69.1 60.2 90.2
182 2.0 2.0 3.0#





#57

Fluorene

Concen: 42.69 ng

RT: 16.29 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

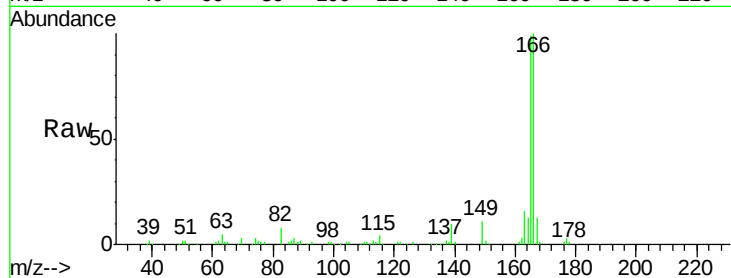
Tot Ion:166 Resp: 211661

Ion Ratio Lower Upper

166 100

165 98.8 79.6 119.4

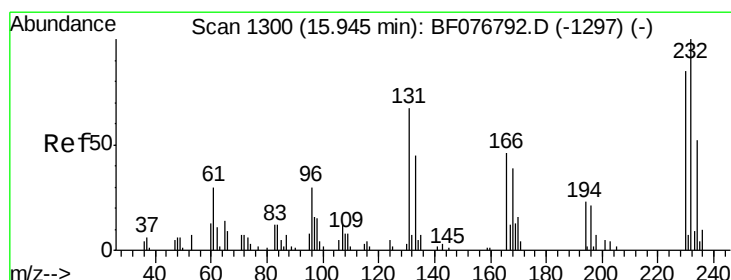
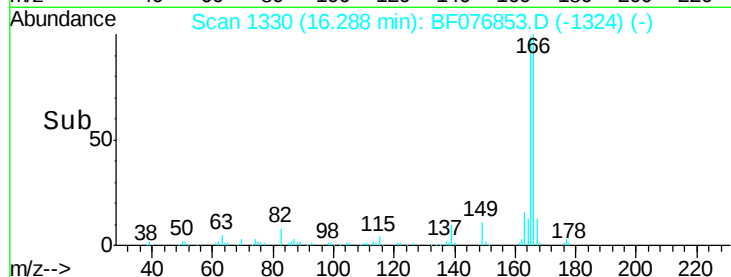
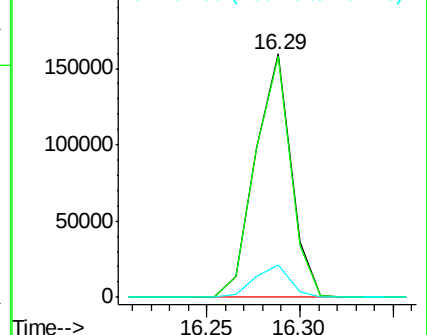
167 13.1 10.2 15.2



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: 42.51 ng

RT: 15.90 min Scan# 1296

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Tgt Ion:232 Resp: 40022

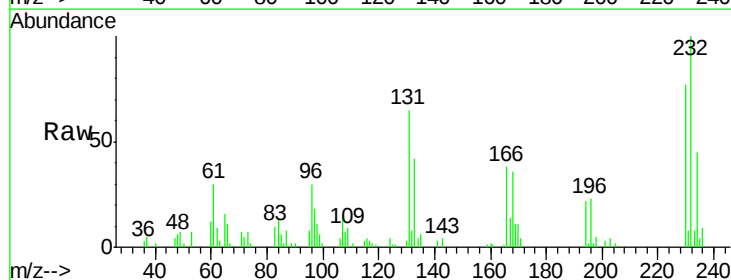
Ion Ratio Lower Upper

232 100

131 61.3 49.4 74.0

130 2.1 2.4 3.6#

166 37.3 32.8 49.2

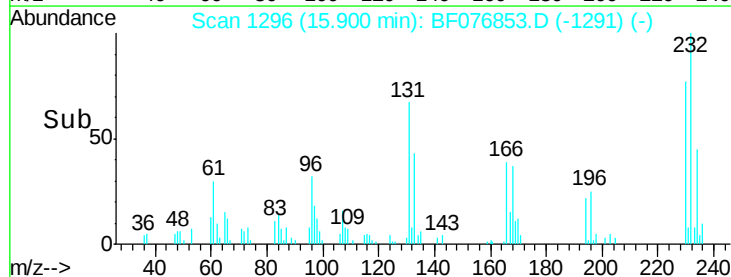
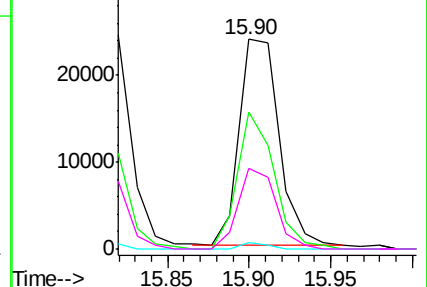


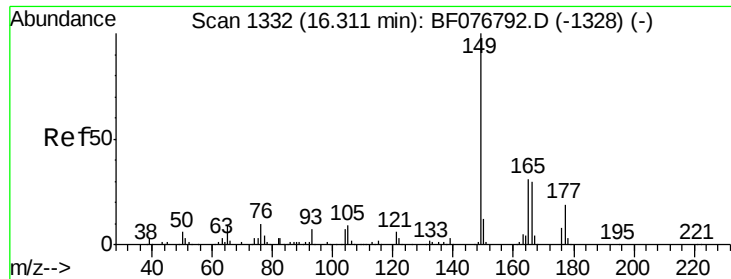
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.68 ng

RT: 16.28 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

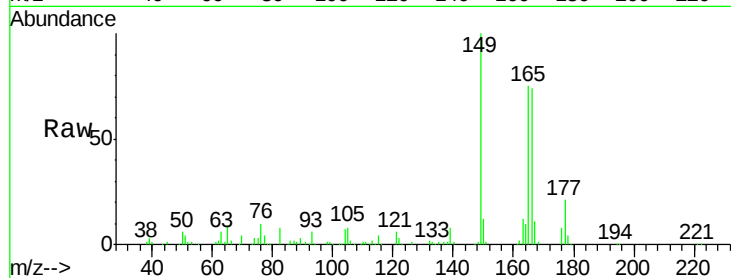
Tot Ion:149 Resp: 203841

Ion Ratio Lower Upper

149 100

177 20.7 15.4 23.2

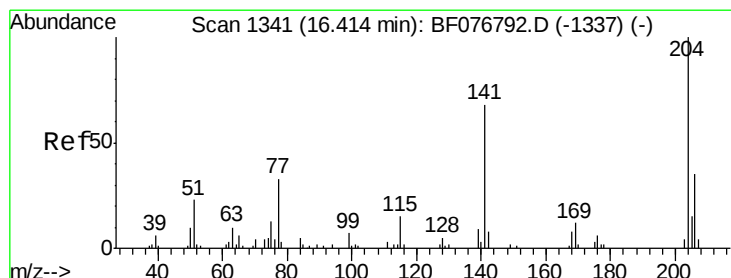
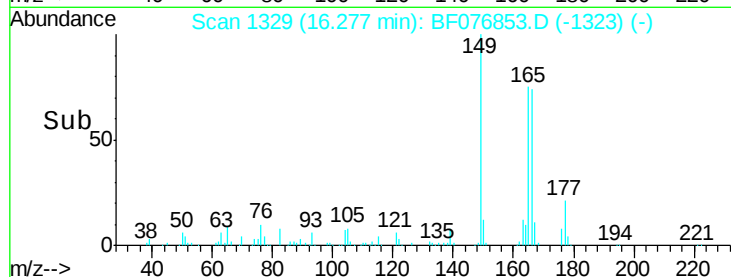
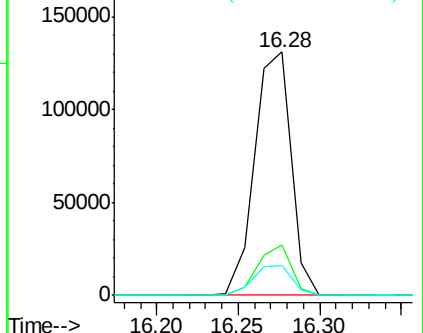
150 12.2 9.4 14.0



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: 38.86 ng

RT: 16.37 min Scan# 1337

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

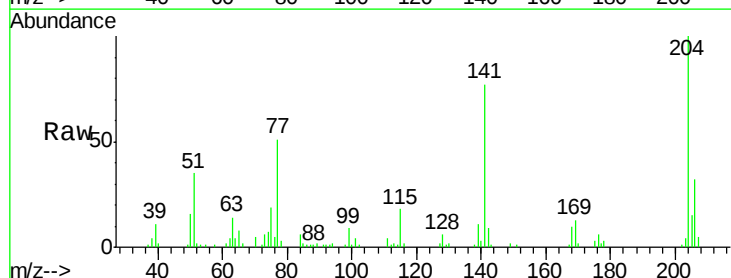
Tgt Ion:204 Resp: 82684

Ion Ratio Lower Upper

204 100

206 32.2 27.7 41.5

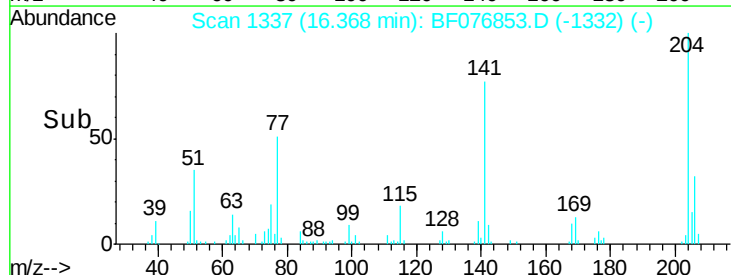
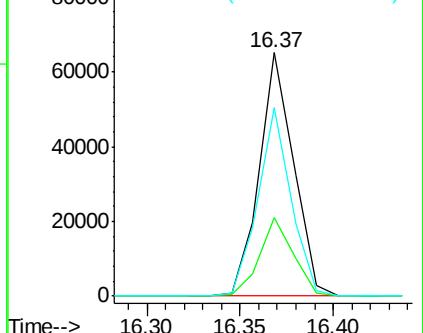
141 77.3 54.6 82.0

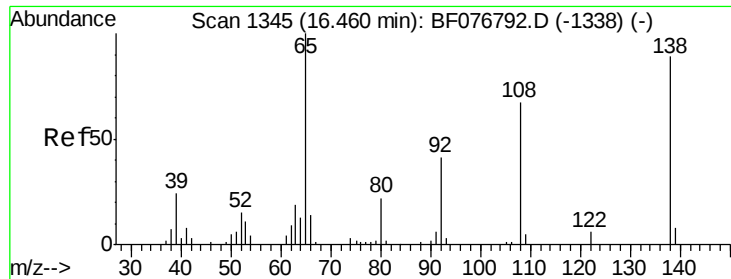


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

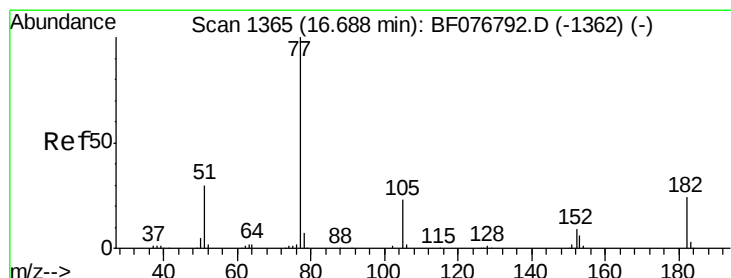
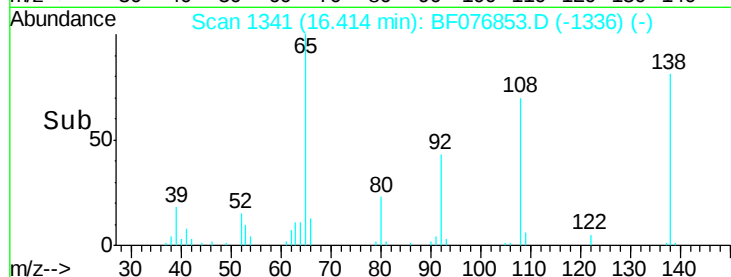
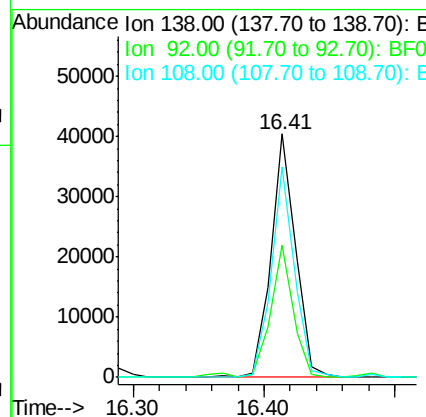
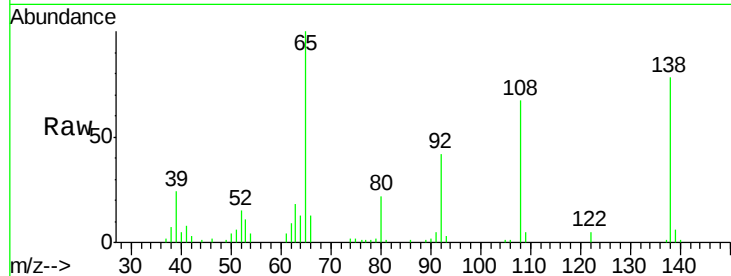




#61
4-Nitroaniline
Concen: 47.60 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

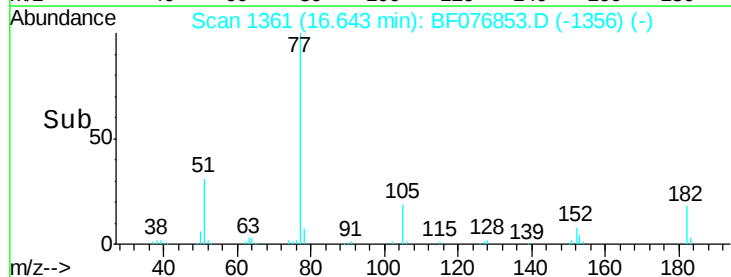
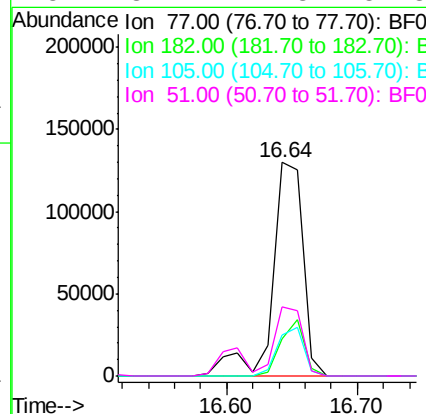
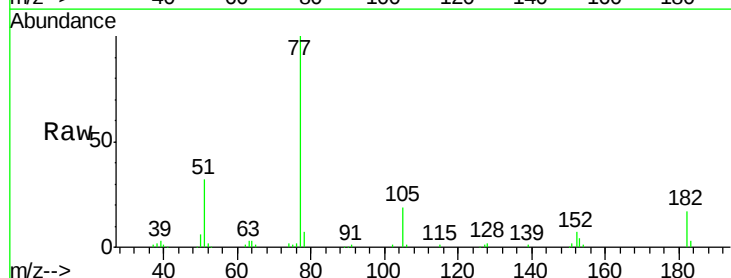
Instrument :
BNA_F
ClientSampled :

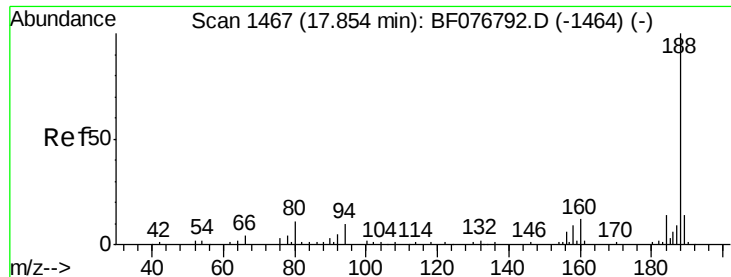
Tot Ion:138 Resp: 53204
Ion Ratio Lower Upper
138 100
92 54.1 26.3 66.3
108 86.6 54.5 94.5



#62
Azobenzene
Concen: 41.22 ng
RT: 16.64 min Scan# 1361
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion: 77 Resp: 217099
Ion Ratio Lower Upper
77 100
182 17.5 3.7 43.7
105 19.2 2.7 42.7
51 32.2 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: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

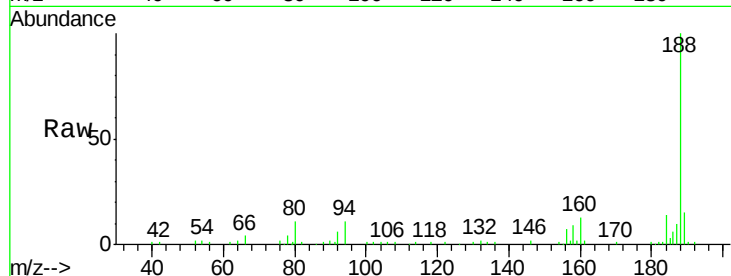
Tot Ion:188 Resp: 114082

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

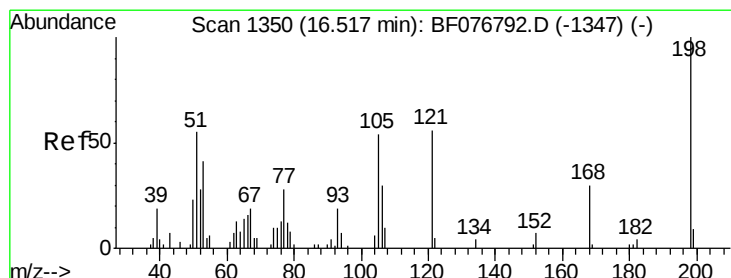
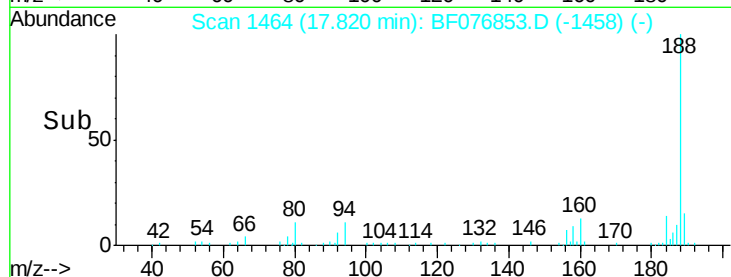
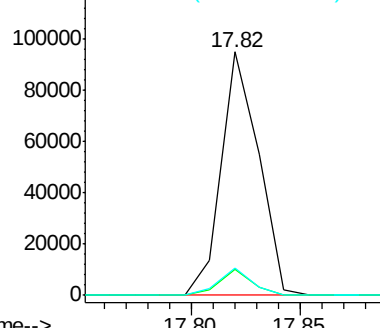
80 11.3 8.6 13.0



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: 44.28 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

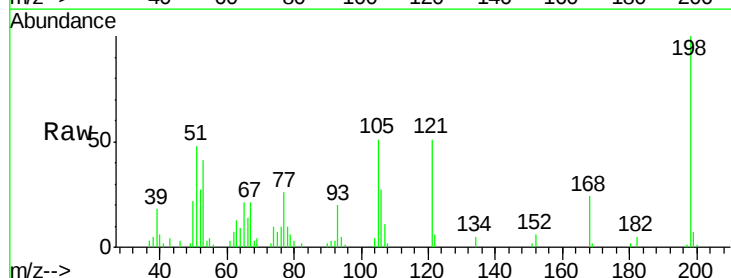
Tgt Ion:198 Resp: 28655

Ion Ratio Lower Upper

198 100

51 48.5 35.2 75.2

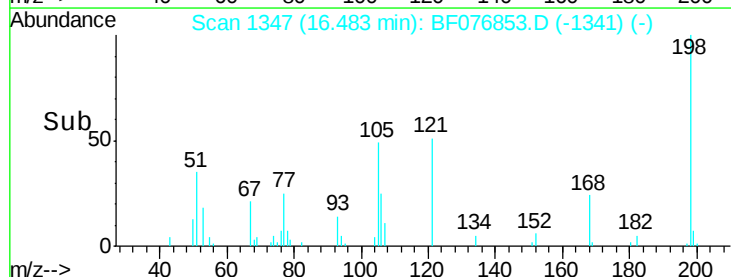
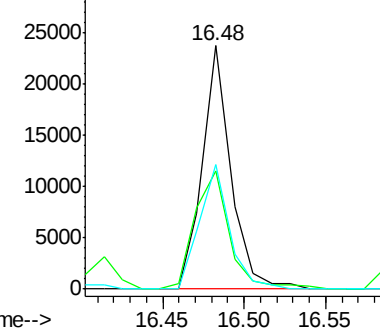
105 50.9 34.2 74.2

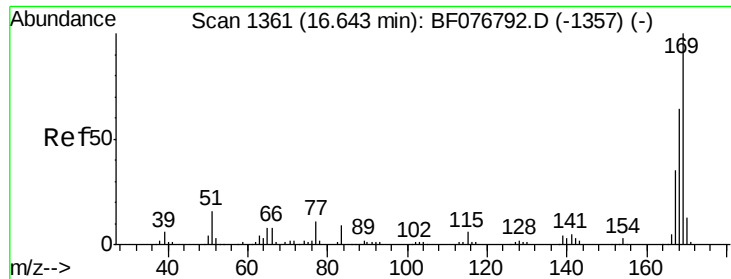


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

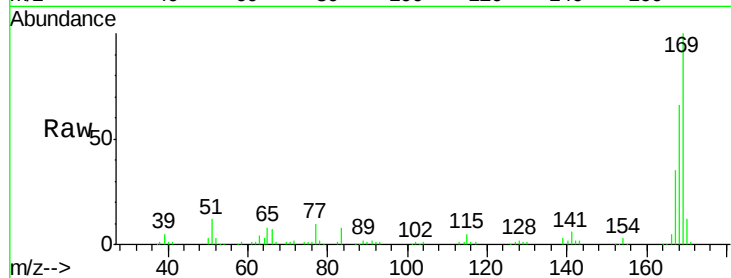




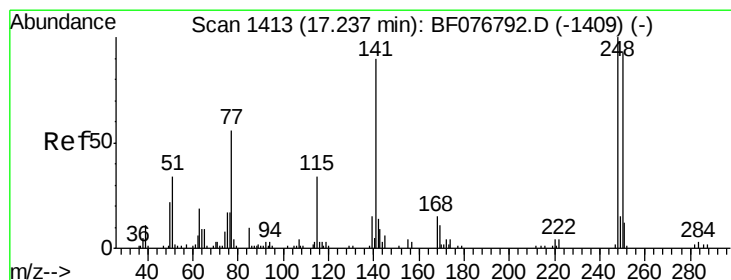
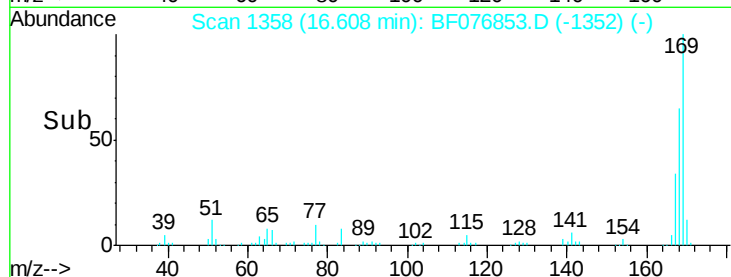
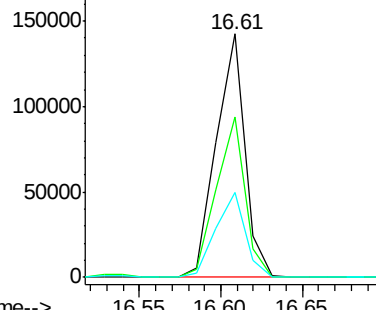
#65
 n-Nitrosodiphenylamine
 Concen: 41.71 ng
 RT: 16.61 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 172847
 Ion Ratio Lower Upper
 169 100
 168 66.1 51.2 76.8
 167 35.0 28.2 42.2

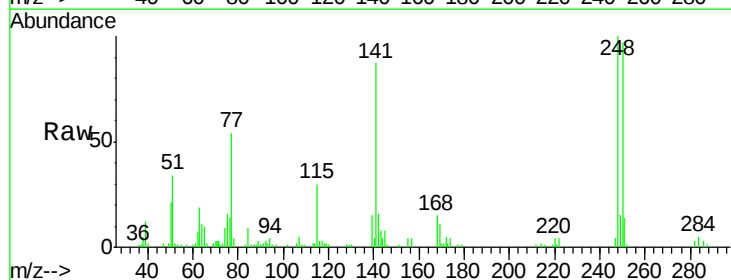


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

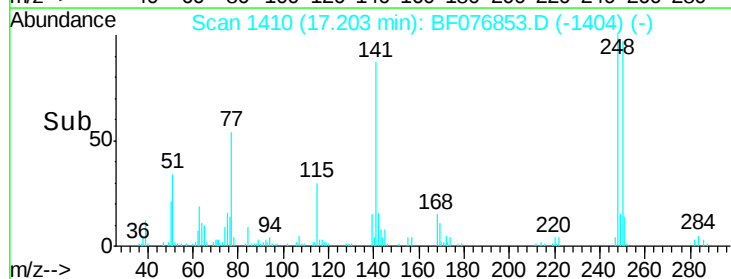
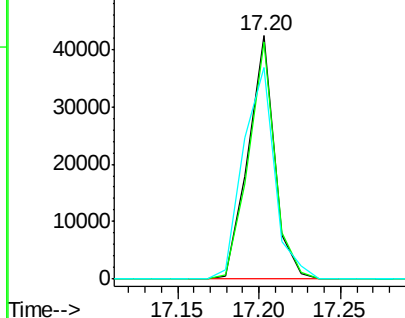


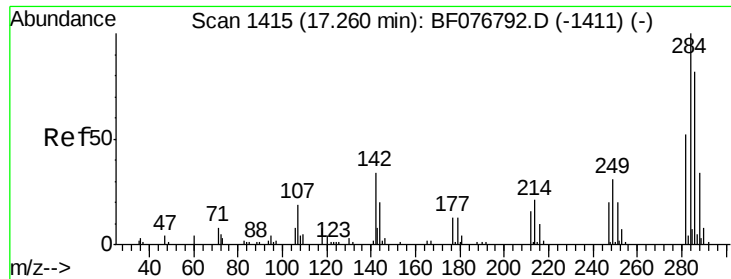
#66
 4-Bromophenyl-phenylether
 Concen: 40.09 ng
 RT: 17.20 min Scan# 1410
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:248 Resp: 47451
 Ion Ratio Lower Upper
 248 100
 250 97.4 74.7 112.1
 141 86.9 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

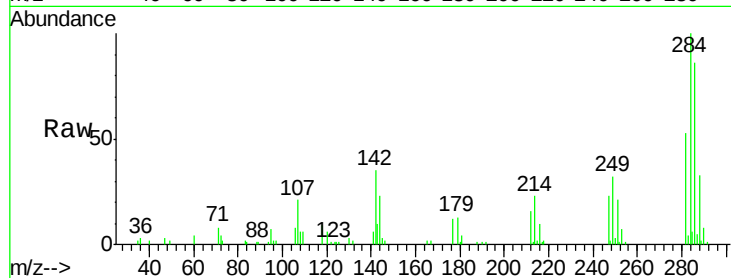




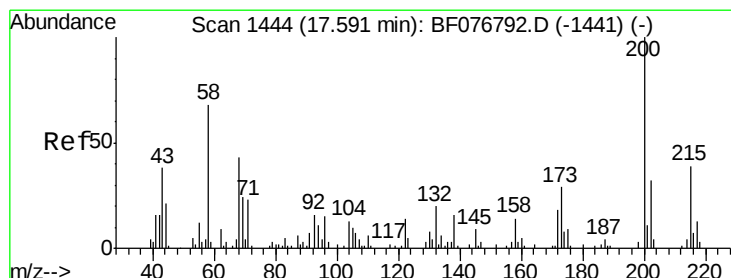
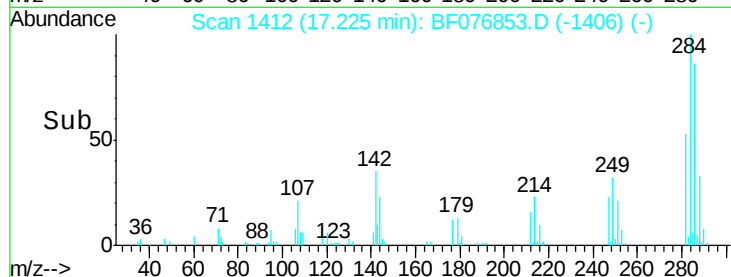
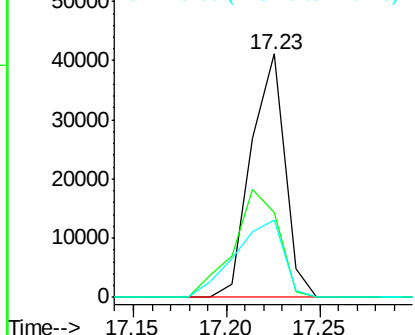
#67
Hexachlorobenzene
Concen: 41.59 ng
RT: 17.23 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 51520
Ion Ratio Lower Upper
284 100
142 34.9 27.5 41.3
249 31.9 24.5 36.7

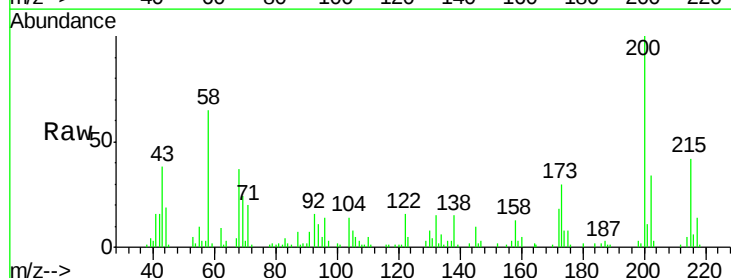


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

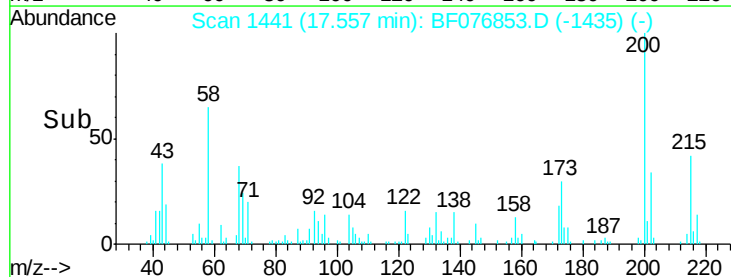
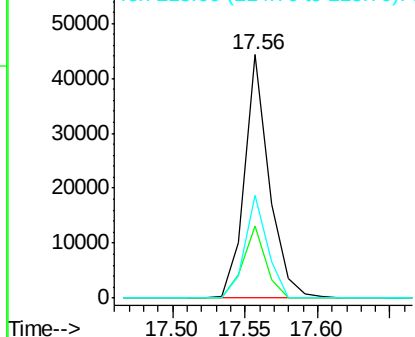


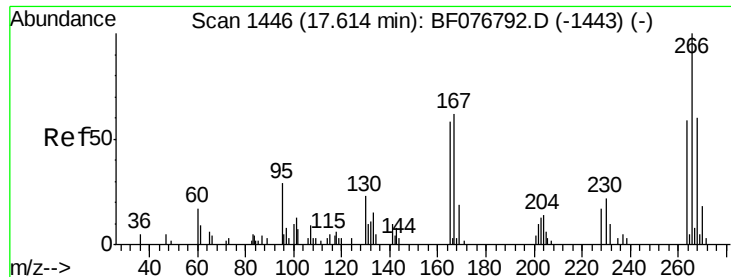
#68
Atrazine
Concen: 41.84 ng
RT: 17.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:200 Resp: 52513
Ion Ratio Lower Upper
200 100
173 29.8 9.2 49.2
215 42.4 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

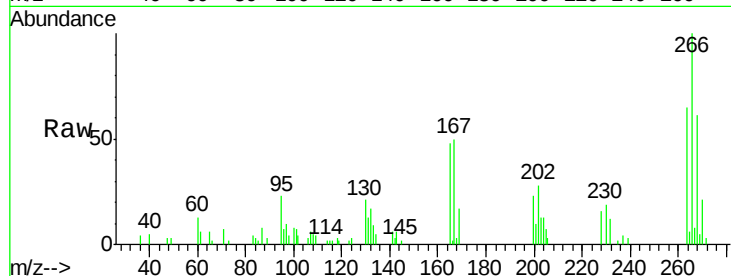




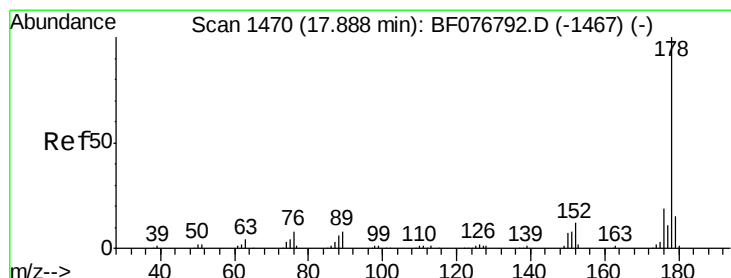
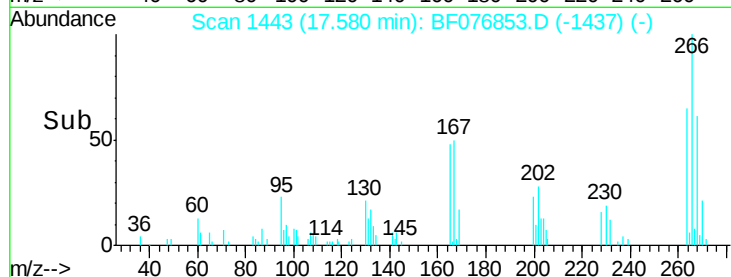
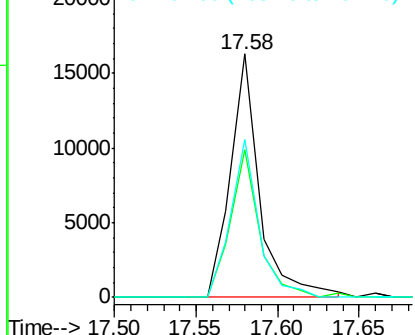
#69
 Pentachlorophenol
 Concen: 43.00 ng
 RT: 17.58 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 20050
 Ion Ratio Lower Upper
 266 100
 268 60.6 48.1 72.1
 264 65.1 47.1 70.7

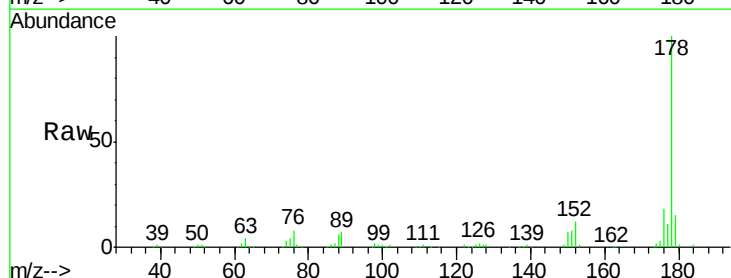


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

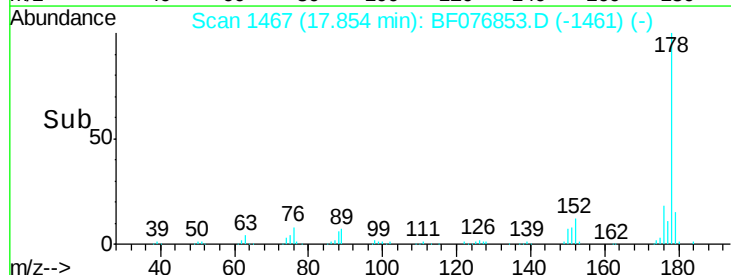
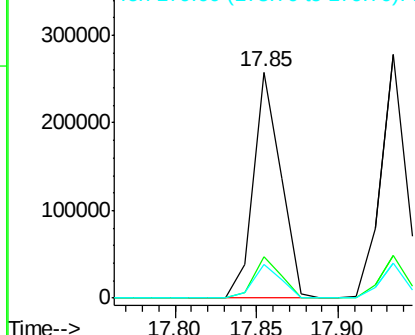


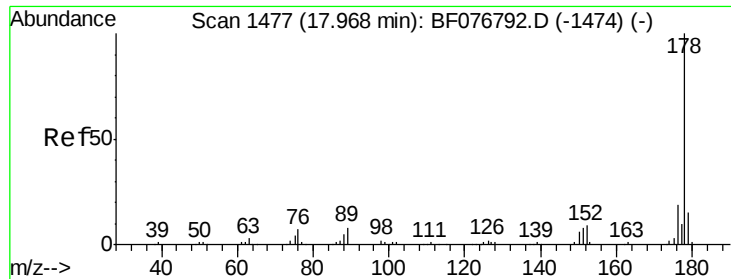
#70
 Phenanthrene
 Concen: 42.37 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:178 Resp: 301198
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.2 22.8
 179 14.7 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

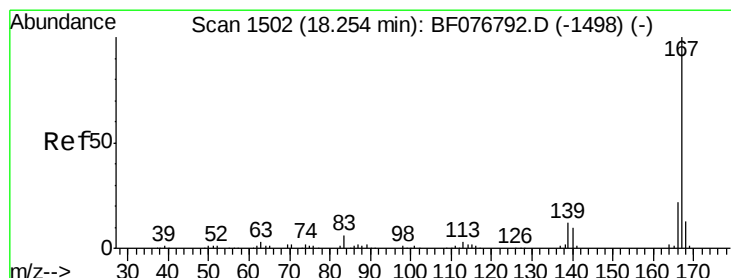
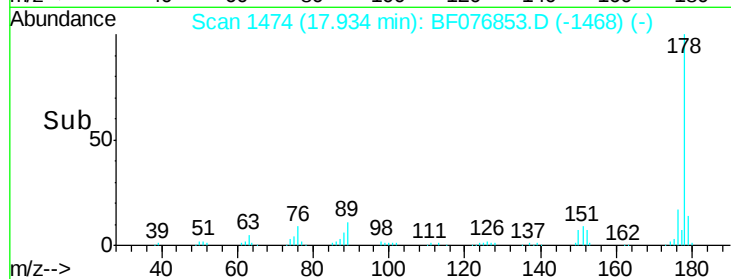
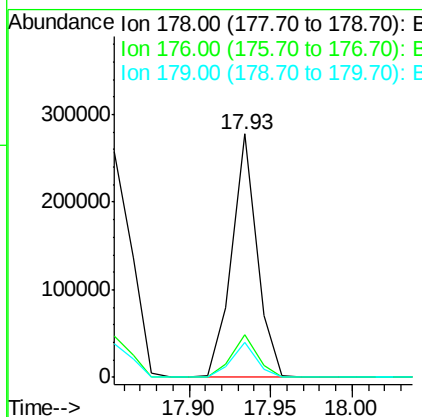
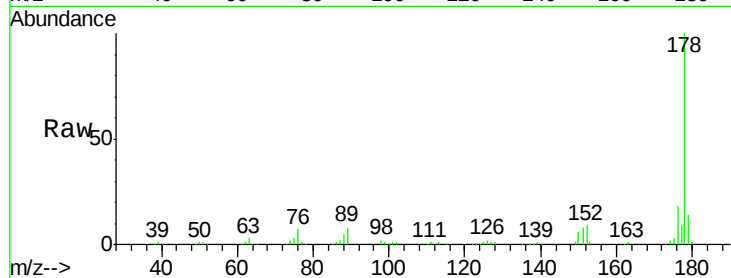




#71
 Anthracene
 Concen: 42.93 ng
 RT: 17.93 min Scan# 1474
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

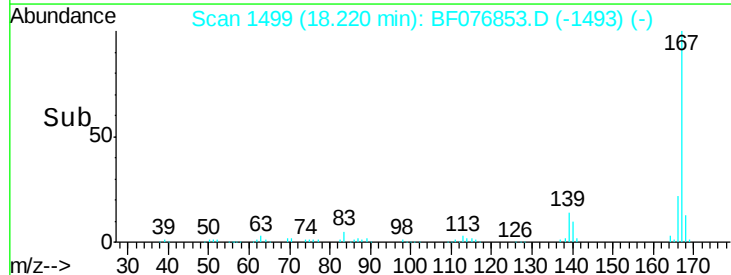
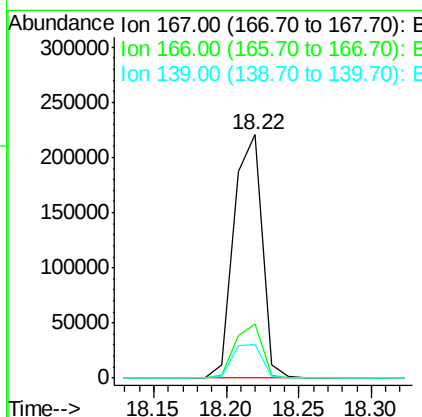
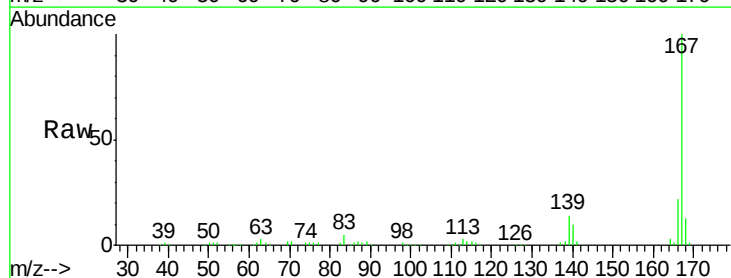
Instrument :
 BNA_F
 ClientSampleId :

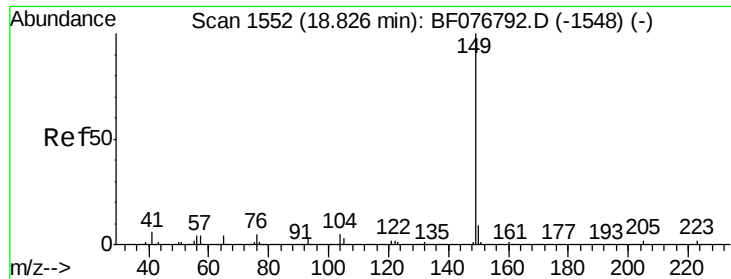
Tot Ion:178 Resp: 296421
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.3 22.9
 179 14.5 12.2 18.4



#72
 Carbazole
 Concen: 43.97 ng
 RT: 18.22 min Scan# 1499
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:167 Resp: 297647
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 13.8 10.0 15.0

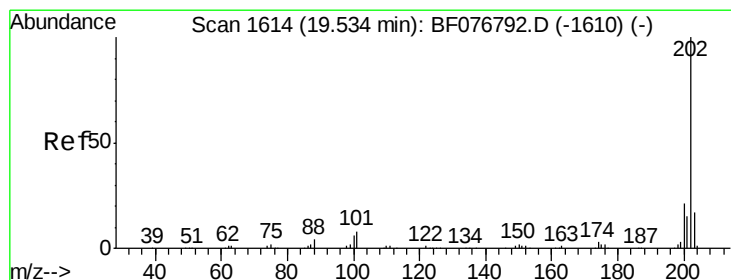
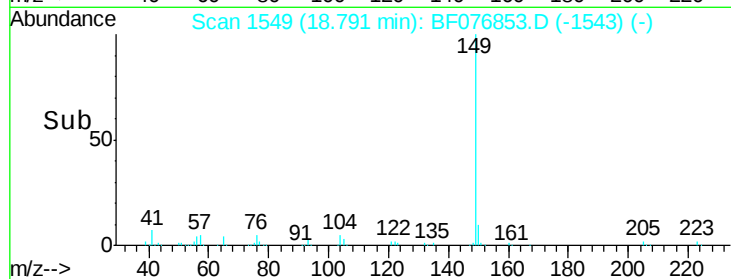
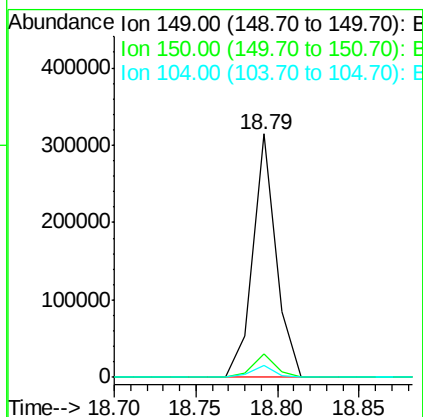
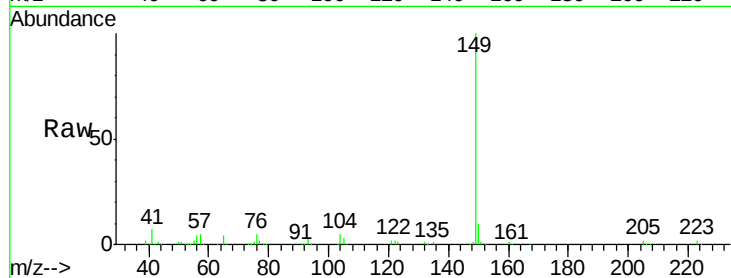




#73
Di-n-butylphthalate
Concen: 38.68 ng
RT: 18.79 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

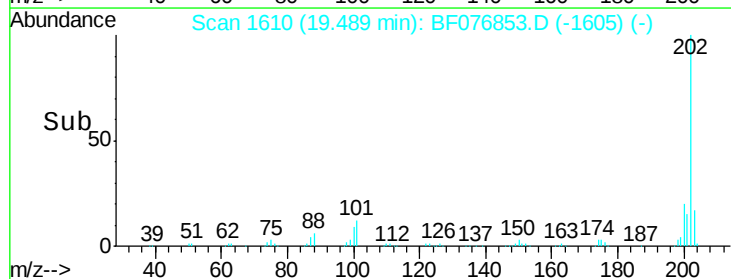
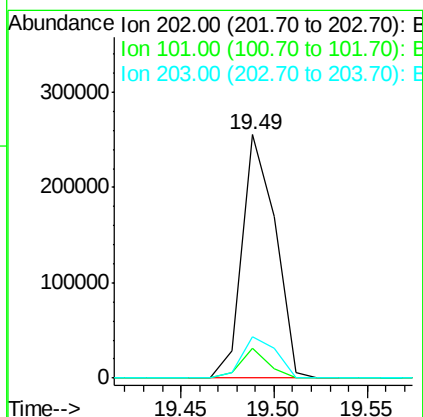
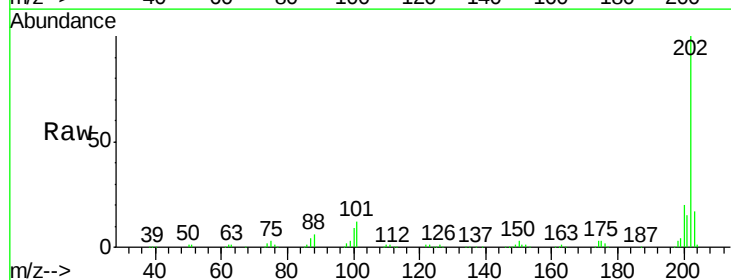
Instrument :
BNA_F
ClientSampleId :

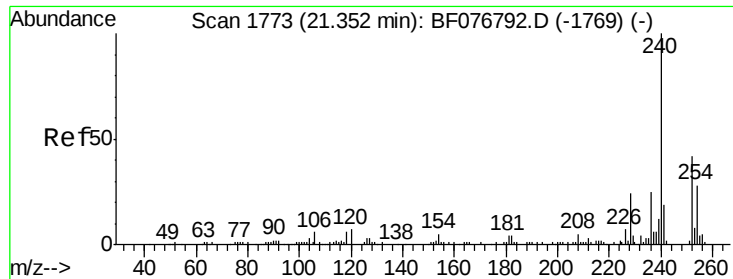
Tot Ion:149 Resp: 311138
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.1 3.9 5.9



#74
Fluoranthene
Concen: 43.44 ng
RT: 19.49 min Scan# 1610
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:202 Resp: 316284
Ion Ratio Lower Upper
202 100
101 12.4 0.0 28.0
203 17.2 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

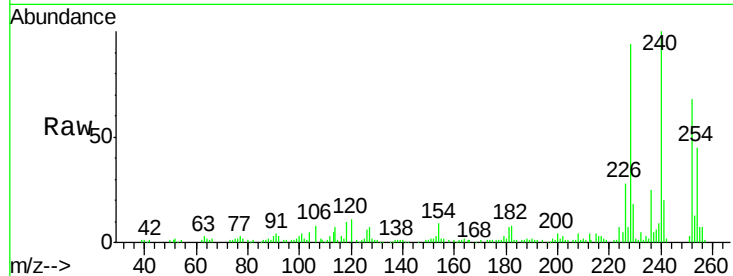
Tot Ion:240 Resp: 113433

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

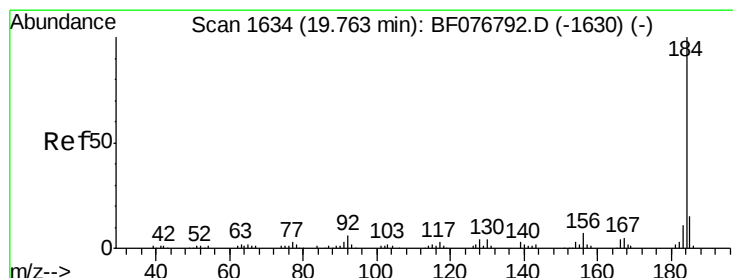
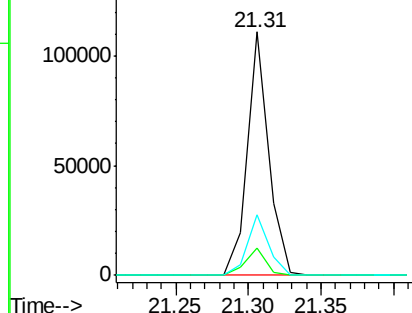
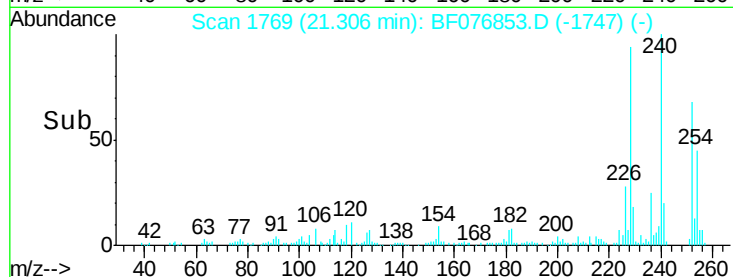
236 25.1 19.7 29.5



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: 29.12 ng

RT: 19.73 min Scan# 1631

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

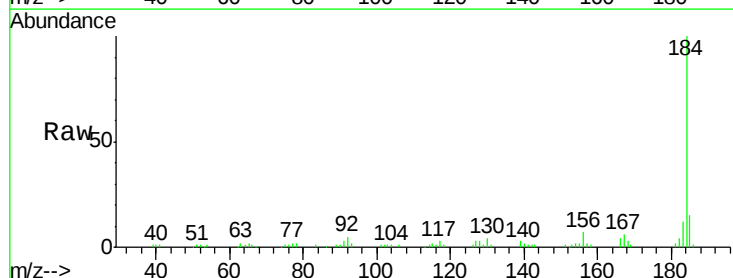
Tgt Ion:184 Resp: 103303

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

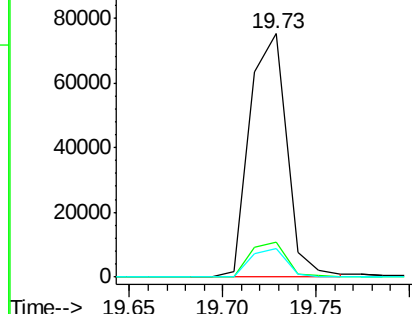
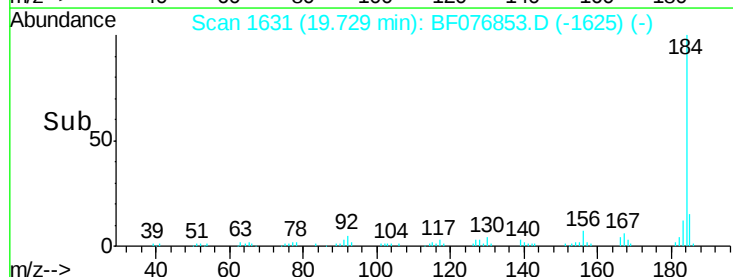
183 11.6 8.7 13.1

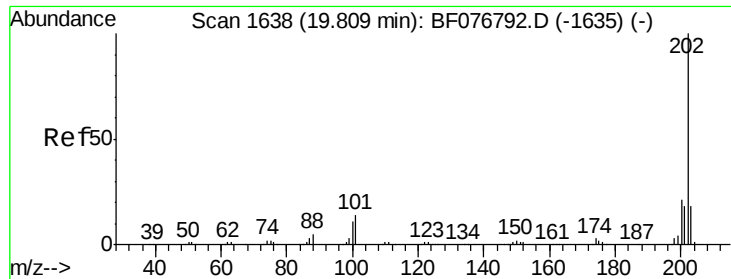


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

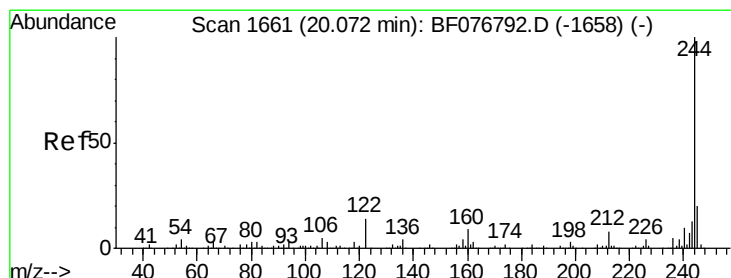
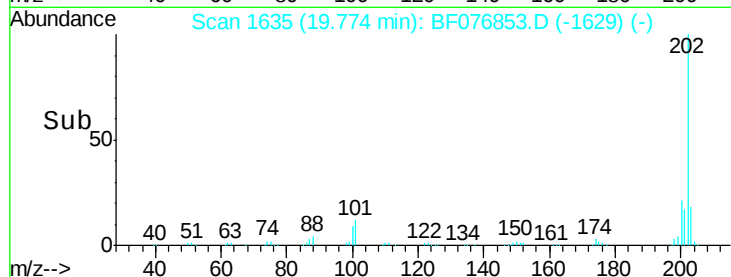
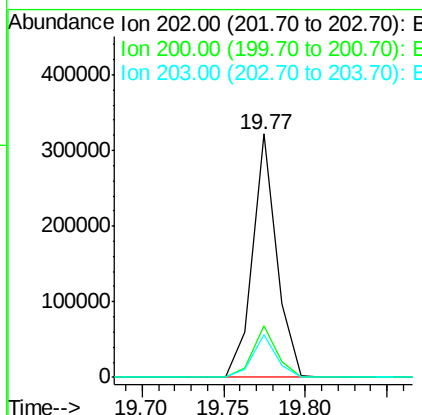
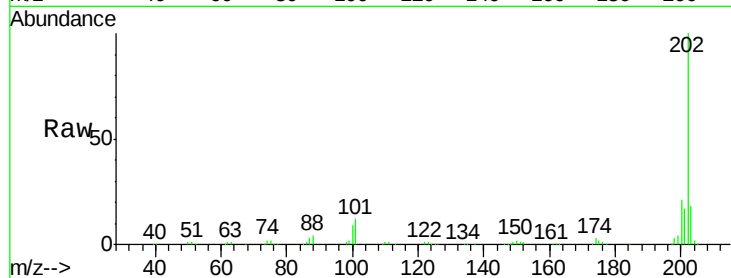




#77
Pvrene
Concen: 40.51 ng
RT: 19.77 min Scan# 1635
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

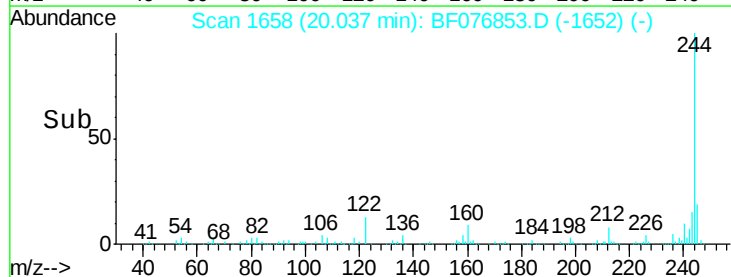
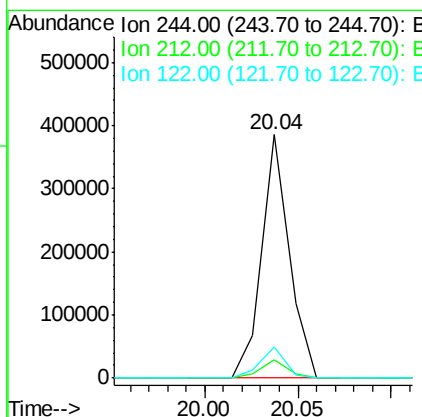
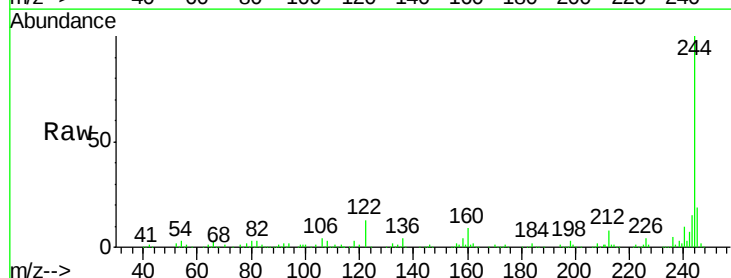
Instrument :
BNA_F
ClientSampleId :

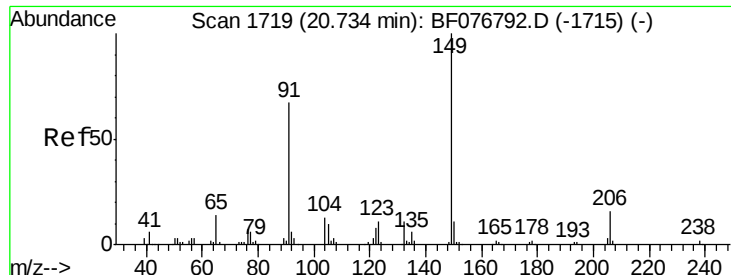
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.7	14.6	22.0



#78
Terphenyl-d14
Concen: 76.01 ng
RT: 20.04 min Scan# 1658
Delta R.T. -0.03 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.8	11.3	16.9

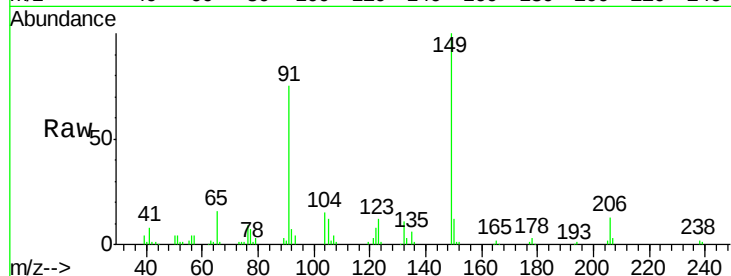




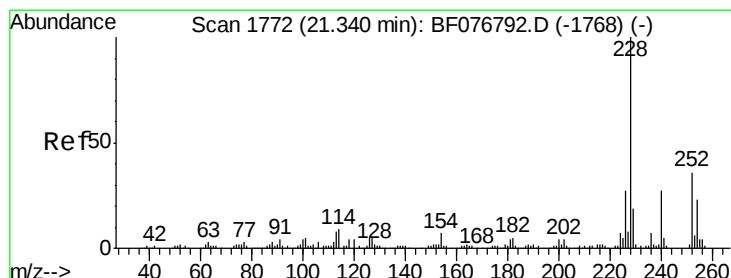
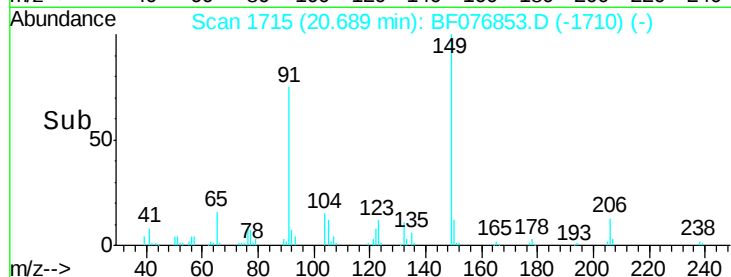
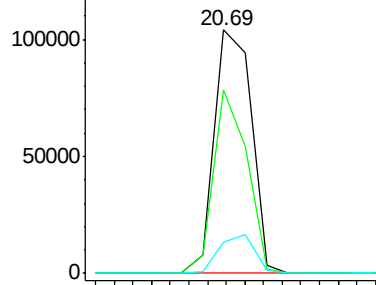
#79
Butylbenzylphthalate
Concen: 38.01 ng
RT: 20.69 min Scan# 1715
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	53.3	79.9
206	12.8	12.6	18.8

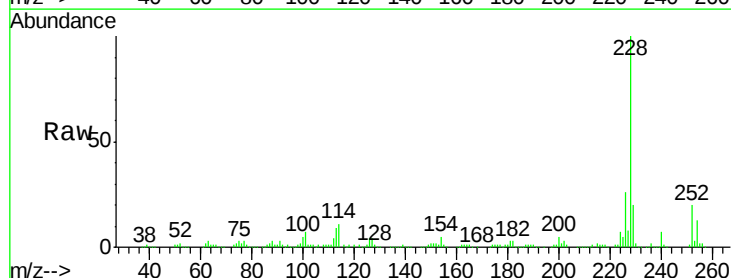


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

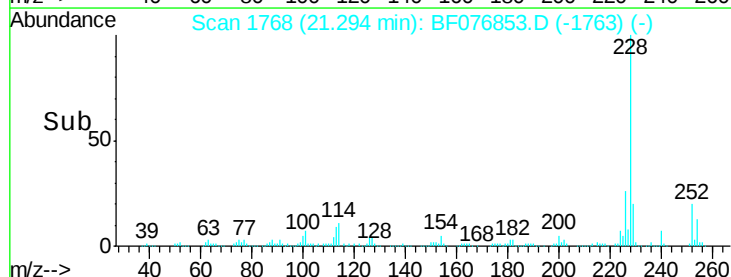
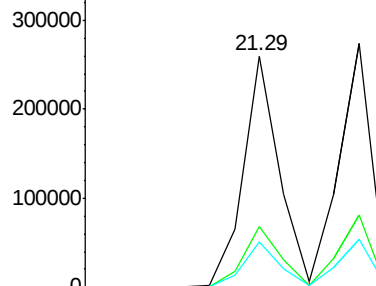


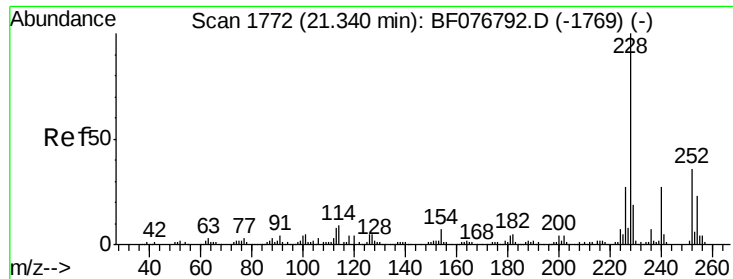
#80
Benzo(a)anthracene
Concen: 41.54 ng
RT: 21.29 min Scan# 1768
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.4	32.0
229	19.7	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

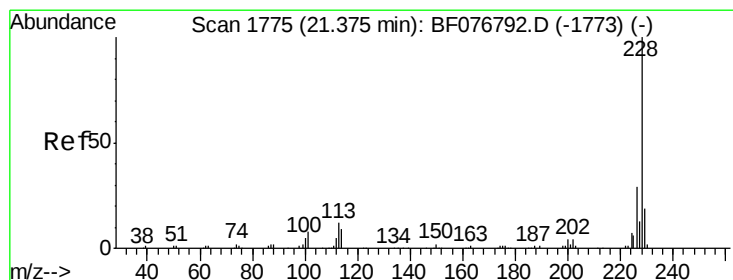
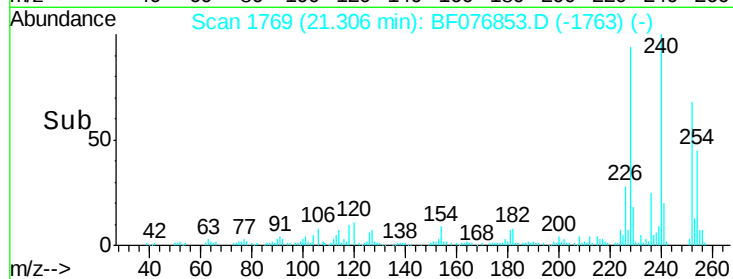
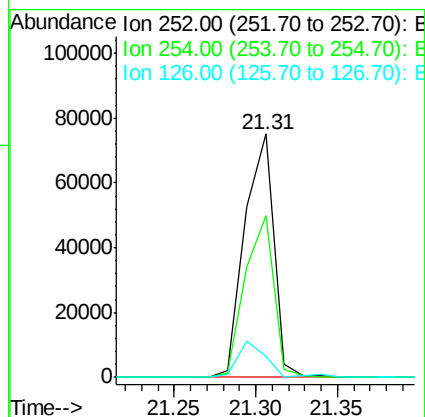
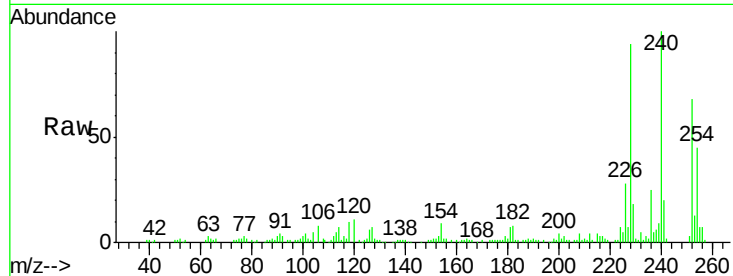




#81
 3,3'-Dichlorobenzidine
 Concen: 39.98 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

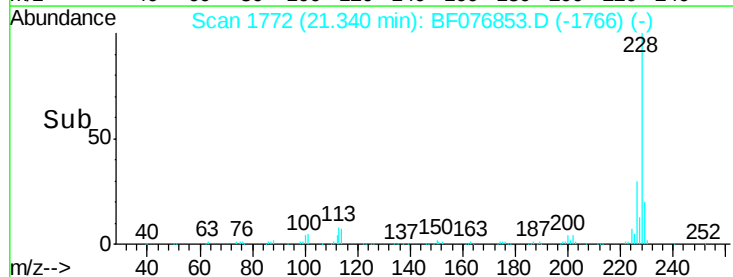
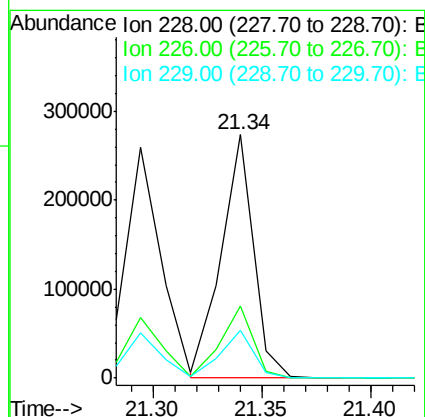
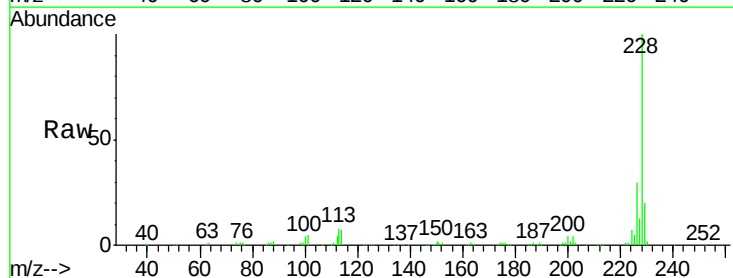
Instrument :
 BNA_F
 ClientSampleId :

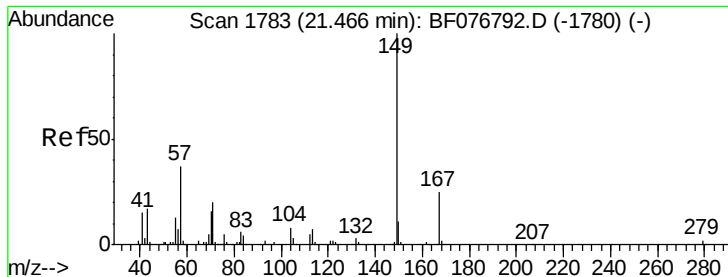
Tot Ion:252 Resp: 92270
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.5 77.3
 126 8.6 11.4 17.0#



#82
 Chrysene
 Concen: 42.91 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. -0.03 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:228 Resp: 280556
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.3 34.9
 229 19.7 14.6 22.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.99 ng

RT: 21.43 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

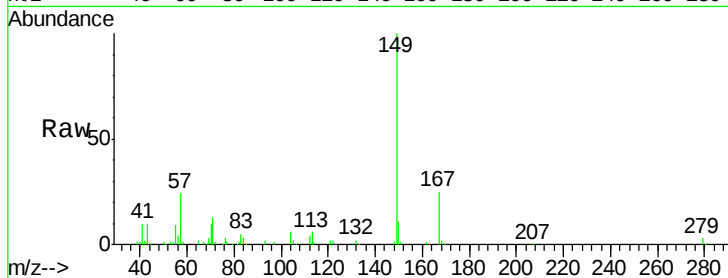
Tot Ion:149 Resp: 183687

Ion Ratio Lower Upper

149 100

167 25.0 20.1 30.1

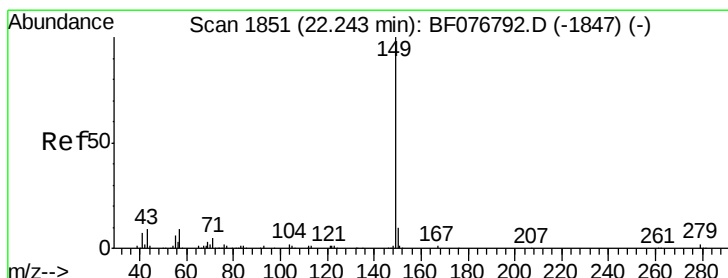
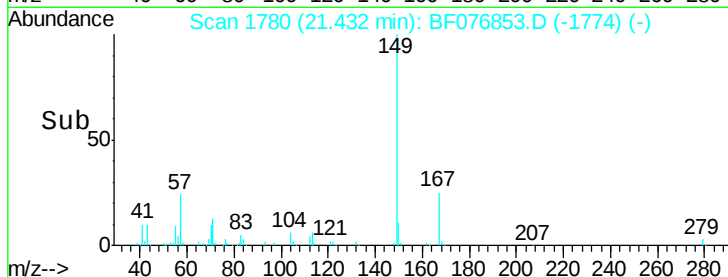
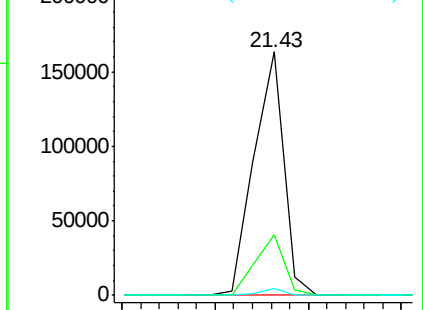
279 2.9 1.4 2.0#



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: 36.24 ng

RT: 22.20 min Scan# 1847

Delta R.T. -0.05 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

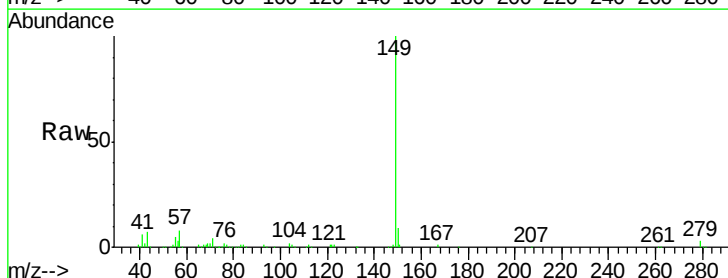
Tgt Ion:149 Resp: 320950

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

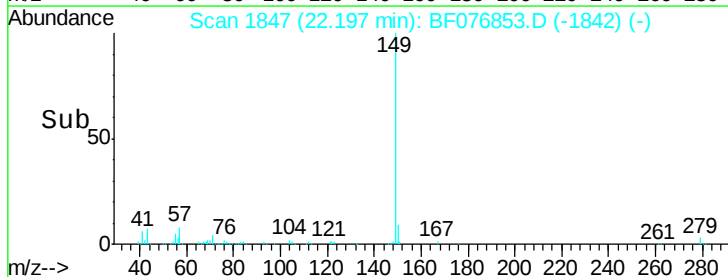
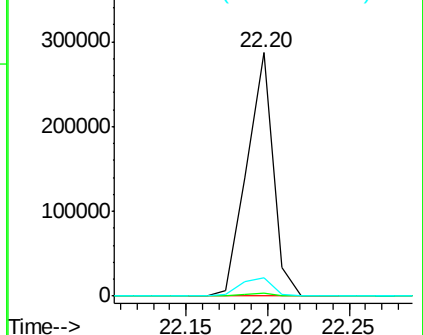
43 8.7 7.0 10.6

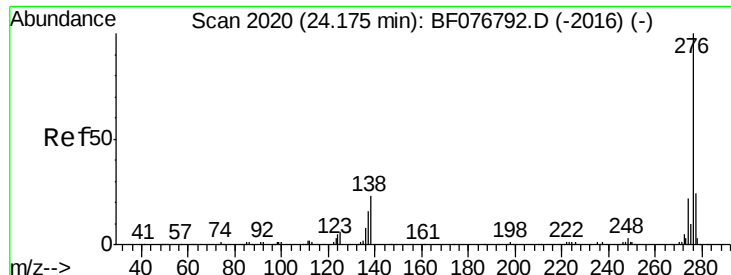


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

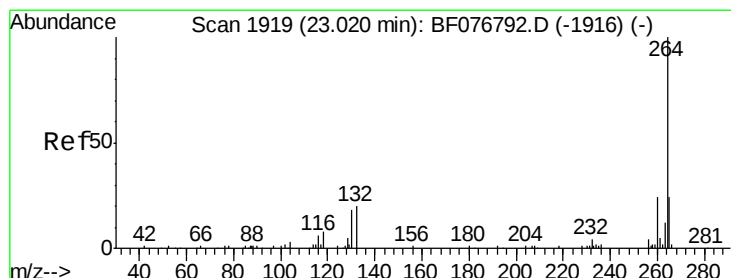
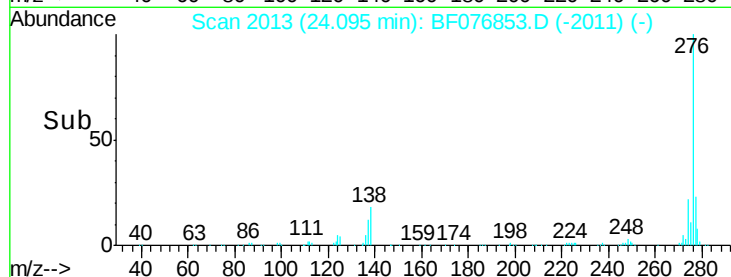
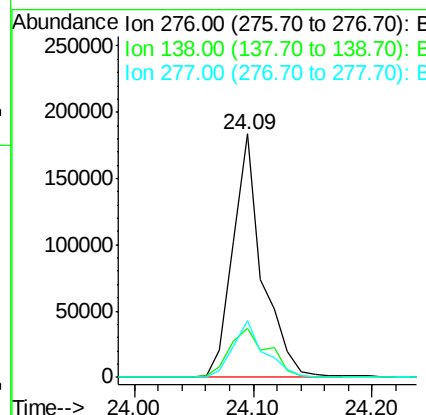
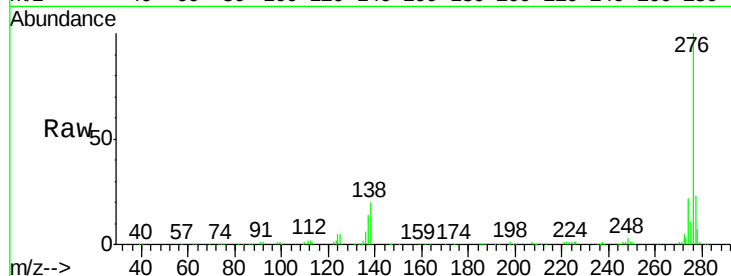




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.11 ng
 RT: 24.09 min Scan# 2013
 Delta R.T. -0.08 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

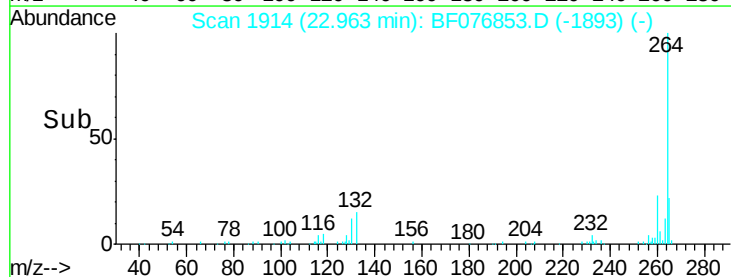
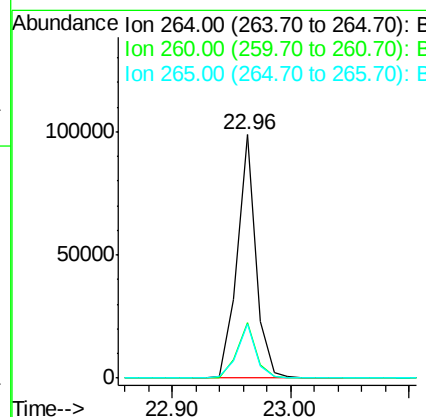
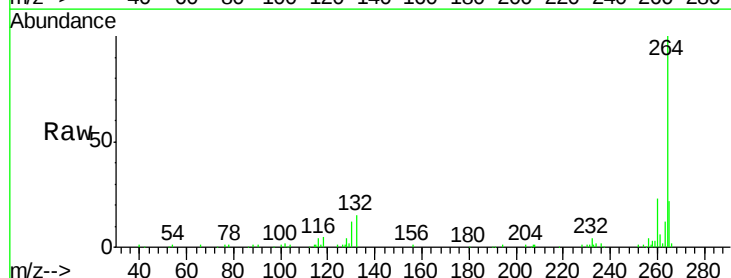
Instrument :
 BNA_F
 ClientSampleId :

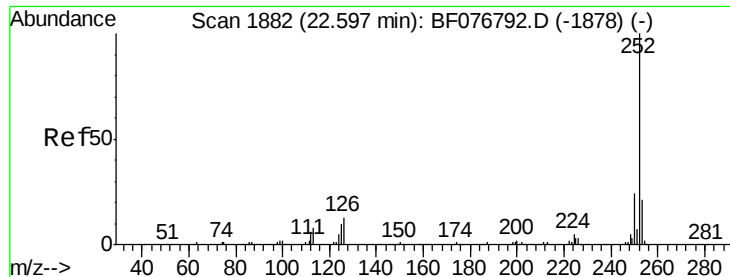
Tot Ion:276 Resp: 317766
 Ion Ratio Lower Upper
 276 100
 138 26.7 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.96 min Scan# 1914
 Delta R.T. -0.06 min
 Lab File: BF076853.D
 Acq: 13 Jan 2015 20:53

Tgt Ion:264 Resp: 108630
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.0
 265 22.3 18.9 28.3

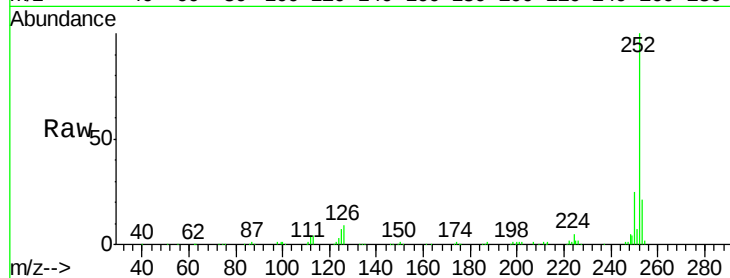




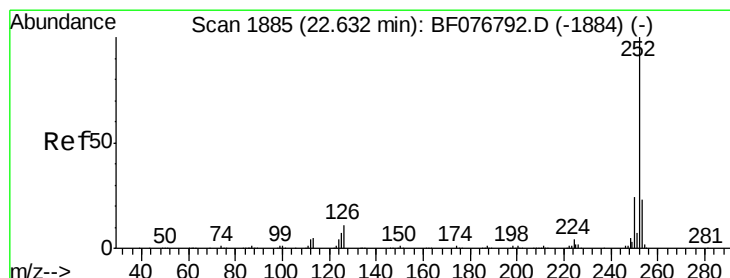
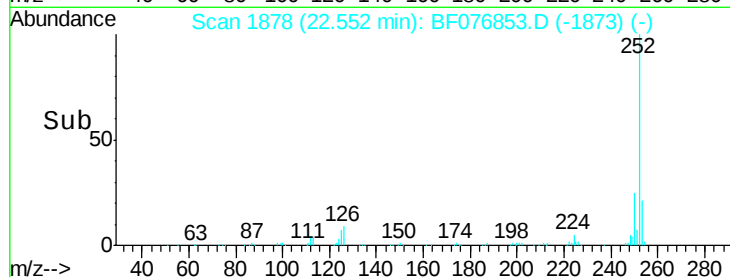
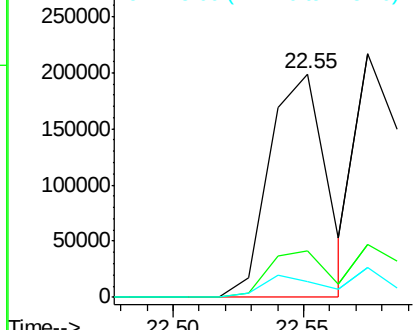
#87
Benzo(b)fluoranthene
Concen: 39.94 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.05 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 300501
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 7.3 8.1 12.1#

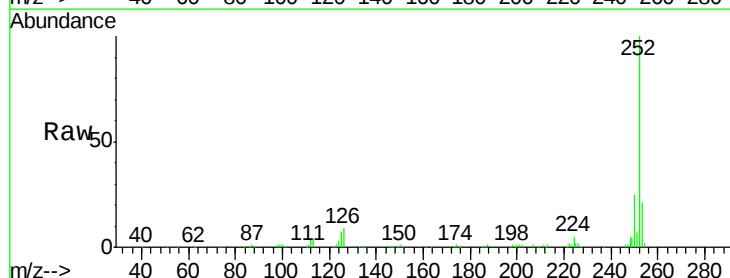


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

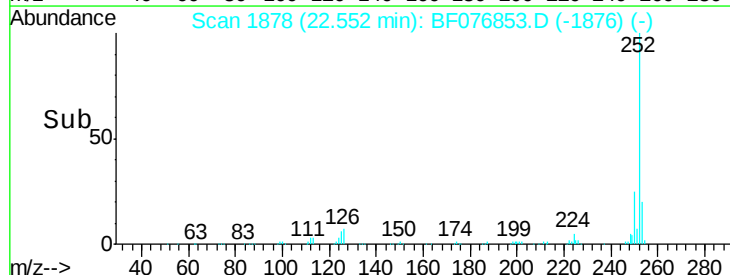
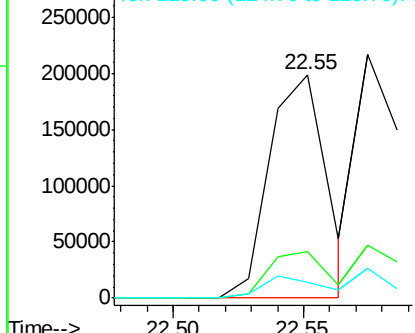


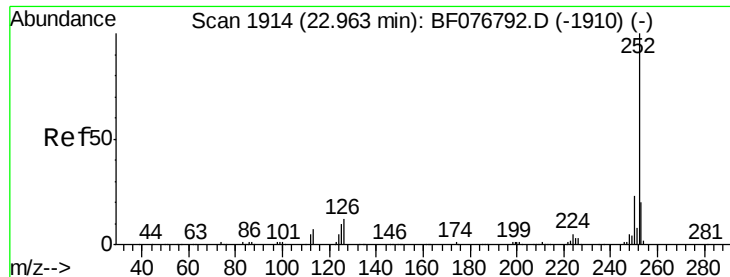
#88
Benzo(k)fluoranthene
Concen: 45.69 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.08 min
Lab File: BF076853.D
Acq: 13 Jan 2015 20:53

Tgt Ion:252 Resp: 300501
Ion Ratio Lower Upper
252 100
253 20.8 17.7 26.5
125 7.3 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: 42.48 ng

RT: 22.91 min Scan# 1909

Delta R.T. -0.06 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :

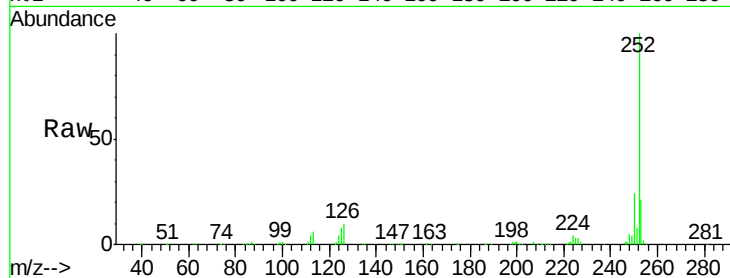
Tot Ion:252 Resp: 274671

Ion Ratio Lower Upper

252 100

253 21.2 16.2 24.4

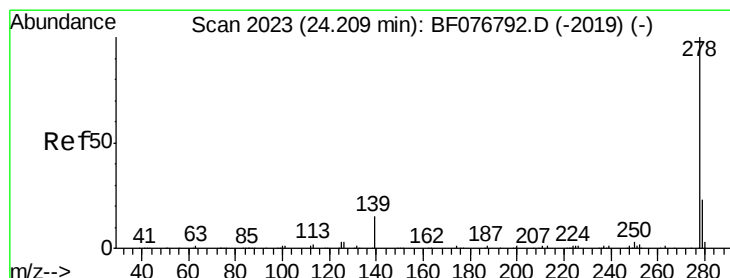
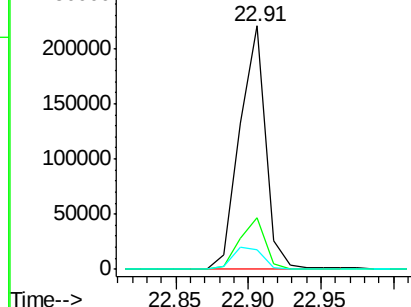
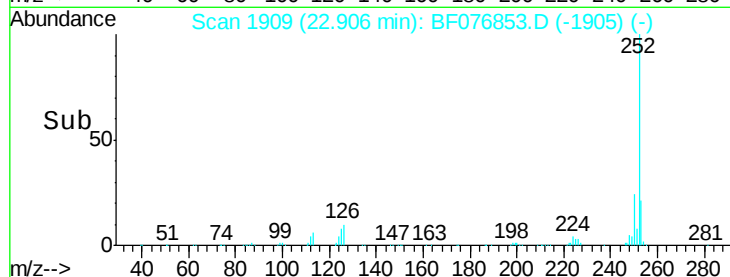
125 7.9 7.8 11.6



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: 41.78 ng

RT: 24.12 min Scan# 2015

Delta R.T. -0.09 min

Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

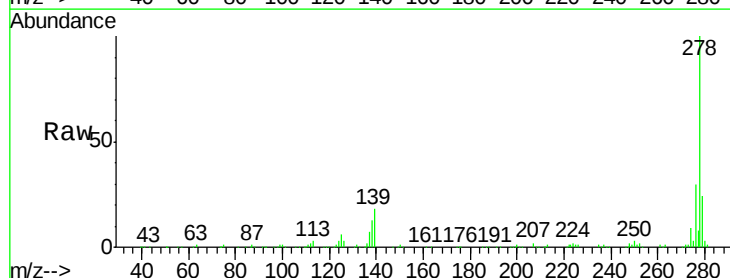
Tgt Ion:278 Resp: 246151

Ion Ratio Lower Upper

278 100

139 17.6 12.2 18.4

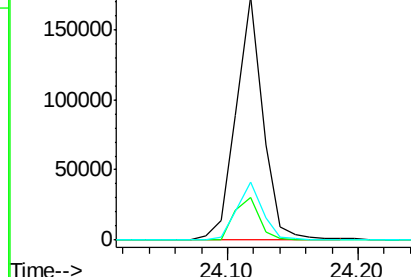
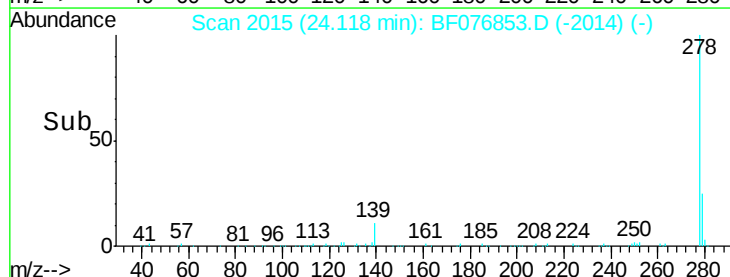
279 23.9 17.9 26.9

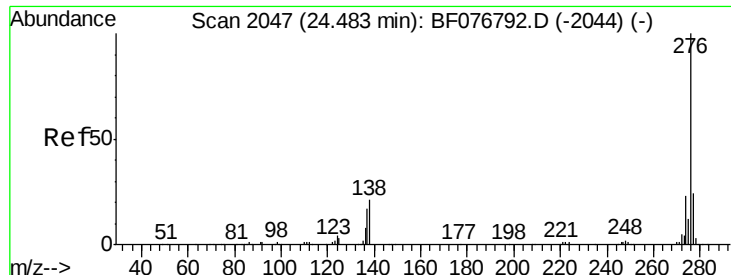


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.76 ng

RT: 24.39 min Scan# 2039

Delta R.T. -0.09 min

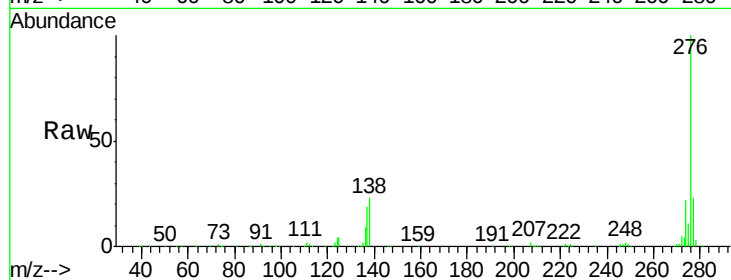
Lab File: BF076853.D

Acq: 13 Jan 2015 20:53

Instrument :

BNA_F

ClientSampleId :



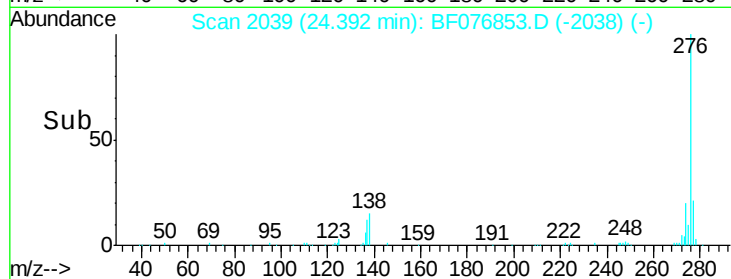
Tot Ion:276 Resp: 251075

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.6

138 23.2 16.7 25.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

