

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076796.D
 Acq On : 9 Jan 2015 21:05
 Operator : IZ / TP
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

Quant Time: Jan 10 03:51:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 00:03:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33155	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	143027	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	80963	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	135289	20.00	ng	0.00
75) Chrysene-d12	21.35	240	125748	20.00	ng	0.00
86) Perylene-d12	23.01	264	109989	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	160258	79.51	ng	-0.01
7) Phenol-d6	7.49	99	203159	80.00	ng	-0.01
23) Nitrobenzene-d5	9.38	82	210888	80.23	ng	0.00
41) 2,4,6-Tribromophenol	16.77	330	55334	79.76	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	431519	77.56	ng	0.00
78) Terphenyl-d14	20.07	244	458665	78.57	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	1.35	88	34736	41.00 ng	95
3) Pyridine	1.85	79	95387	42.30 ng	94
4) n-Nitrosodimethylamine	1.81	42	48612	42.88 ng	97
6) Aniline	7.37	93	136693	38.75 ng	99
8) 2-Chlorophenol	7.62	128	93424	39.48 ng	97
9) Benzaldehyde	7.10	77	62145	42.63 ng	97
10) Phenol	7.52	94	106084	38.56 ng	98
11) bis(2-Chloroethyl)ether	7.61	93	88254	40.29 ng	98
12) 1,3-Dichlorobenzene	7.93	146	110320	41.44 ng	94
13) 1,4-Dichlorobenzene	8.13	146	107769	39.08 ng	95
14) 1,2-Dichlorobenzene	8.44	146	105744	40.70 ng	99
15) Benzyl Alcohol	8.52	79	86122	40.61 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.86	45	113610	39.03 ng	87
17) 2-Methylphenol	8.87	107	77832	40.08 ng	95
18) Hexachloroethane	9.19	117	40448	39.63 ng	94
19) n-Nitroso-di-n-propylamine	9.14	70	74109	40.69 ng	95
20) 3+4-Methylphenols	9.25	107	100993	39.89 ng	94
22) Acetophenone	9.06	105	142202	39.84 ng	98
24) Nitrobenzene	9.42	77	108527	41.05 ng	98
25) Isophorone	10.02	82	193204	40.28 ng	96
26) 2-Nitrophenol	10.16	139	52528	41.11 ng	97
27) 2,4-Dimethylphenol	10.44	122	82020	39.67 ng	98
28) bis(2-Chloroethoxy)methane	10.64	93	115233	41.67 ng	97
29) 2,4-Dichlorophenol	10.77	162	79549	40.06 ng	95
30) 1,2,4-Trichlorobenzene	10.90	180	86669	39.92 ng	98
31) Naphthalene	11.04	128	297667	40.31 ng	98
32) Benzoic acid	10.79	122	31381	31.83 ng	95
33) 4-Chloroaniline	11.28	127	118439	40.27 ng	98
34) Hexachlorobutadiene	11.41	225	53838	43.44 ng	98
35) Caprolactam	12.13	113	21935	38.45 ng	# 79
36) 4-Chloro-3-methylphenol	12.58	107	89607	40.55 ng	99
37) 2-Methylnaphthalene	12.70	142	214310	41.21 ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	80888	39.62 ng	97
40) Hexachlorocyclopentadiene	13.09	237	42365	41.72 ng	97

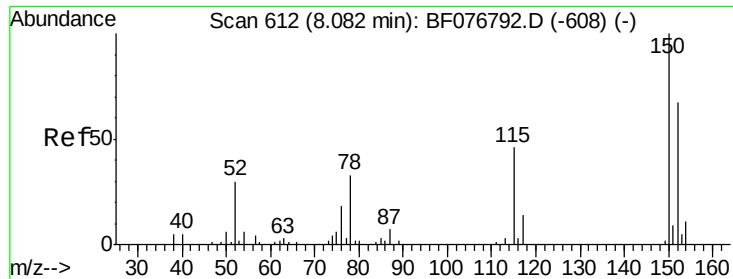
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.44	196	58425	39.24	ng	98
43) 2,4,5-Trichlorophenol	13.53	196	64146	40.39	ng	# 90
45) 1,1'-Biphenyl	13.85	154	247063	39.05	ng	98
46) 2-Chloronaphthalene	13.83	162	200342	39.33	ng	98
47) 2-Nitroaniline	14.17	65	60589	38.72	ng	98
48) Acenaphthylene	14.78	152	335125	38.73	ng	98
49) Dimethylphthalate	14.72	163	237699	39.99	ng	98
50) 2,6-Dinitrotoluene	14.81	165	46514	37.28	ng	93
51) Acenaphthene	15.21	154	186580	38.18	ng	98
52) 3-Nitroaniline	15.17	138	54699	38.36	ng	96
53) 2,4-Dinitrophenol	15.44	184	12510	39.35	ng	87
54) Dibenzofuran	15.63	168	283851	40.13	ng	98
55) 4-Nitrophenol	15.75	139	35273	38.43	ng	89
56) 2,4-Dinitrotoluene	15.73	165	66429	39.96	ng	95
57) Fluorene	16.32	166	237540	39.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.95	232	45373	39.00	ng	97
59) Diethylphthalate	16.31	149	244474	39.63	ng	99
60) 4-Chlorophenyl-phenylether	16.41	204	98602	38.83	ng	96
61) 4-Nitroaniline	16.46	138	56153	40.32	ng	90
62) Azobenzene	16.69	77	251089	39.30	ng	98
64) 4,6-Dinitro-2-methylphenol	16.52	198	31953	41.63	ng	98
65) n-Nitrosodiphenylamine	16.64	169	192771	38.58	ng	95
66) 4-Bromophenyl-phenylether	17.24	248	58500	40.75	ng	96
67) Hexachlorobenzene	17.26	284	58952	38.80	ng	96
68) Atrazine	17.59	200	59926	38.83	ng	93
69) Pentachlorophenol	17.61	266	21239	39.38	ng	95
70) Phenanthrene	17.89	178	332041	39.15	ng	98
71) Anthracene	17.97	178	329031	39.27	ng	99
72) Carbazole	18.25	167	316722	39.15	ng	100
73) Di-n-butylphthalate	18.83	149	391718	40.20	ng	99
74) Fluoranthene	19.53	202	347200	39.70	ng	99
76) Benzidine	19.76	184	169923	43.11	ng	98
77) Pyrene	19.81	202	350661	38.06	ng	98
79) Butylbenzylphthalate	20.73	149	176171	41.21	ng	98
80) Benzo(a)anthracene	21.34	228	327049	40.07	ng	99
81) 3,3'-Dichlorobenzidine	21.34	252	103191	39.79	ng	98
82) Chrysene	21.37	228	275612	37.99	ng	97
83) Bis(2-ethylhexyl)phthalate	21.47	149	246296	41.69	ng	96
84) Di-n-octyl phthalate	22.24	149	427440	42.44	ng	100
85) Indeno(1,2,3-cd)pyrene	24.15	276	293004	38.84	ng	# 100
87) Benzo(b)fluoranthene	22.60	252	296525	36.71	ng	# 97
88) Benzo(k)fluoranthene	22.60	252	296525	46.54	ng	# 96
89) Benzo(a)pyrene	22.95	252	256216	38.29	ng	98
90) Dibenzo(a,h)anthracene	24.17	278	233047	38.29	ng	# 94
91) Benzo(g,h,i)perylene	24.46	276	235763	38.13	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. -0.00 min

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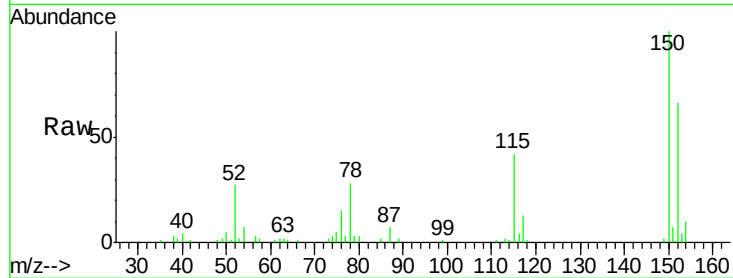
Tgt Ion:152 Resp: 33155

Ion Ratio Lower Upper

152 100

150 150.4 119.5 179.3

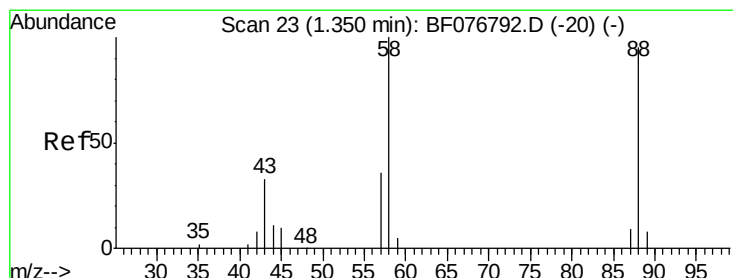
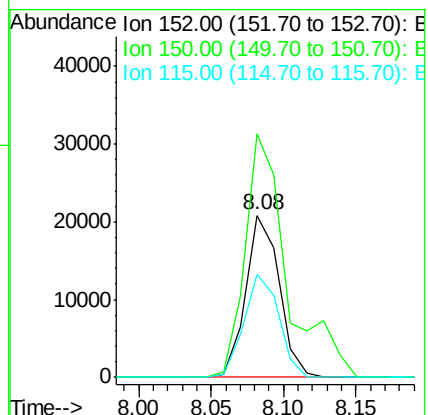
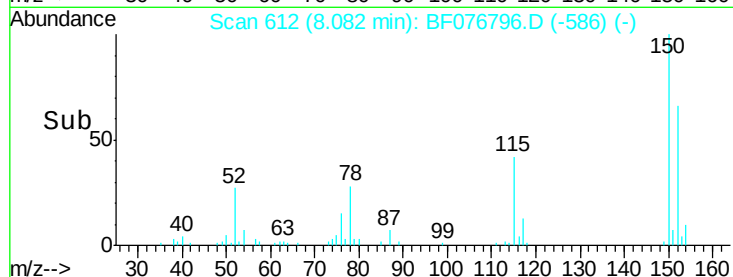
115 63.5 54.6 81.8



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: 41.00 ng

RT: 1.35 min Scan# 23

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

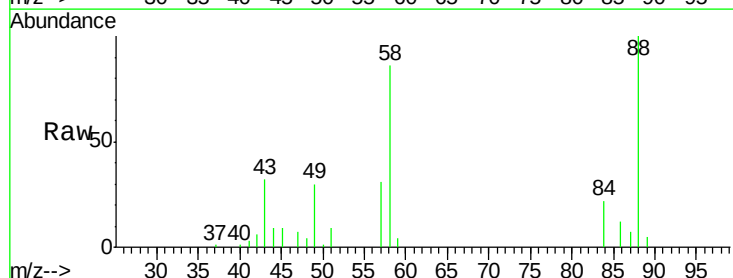
Tgt Ion: 88 Resp: 34736

Ion Ratio Lower Upper

88 100

58 84.5 72.4 108.6

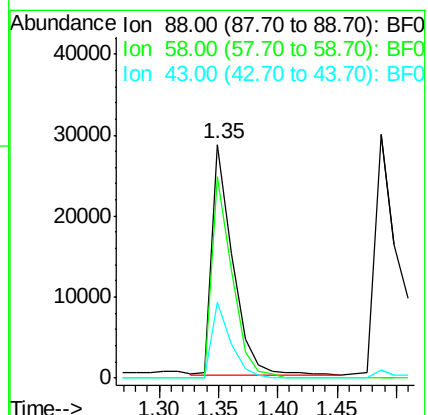
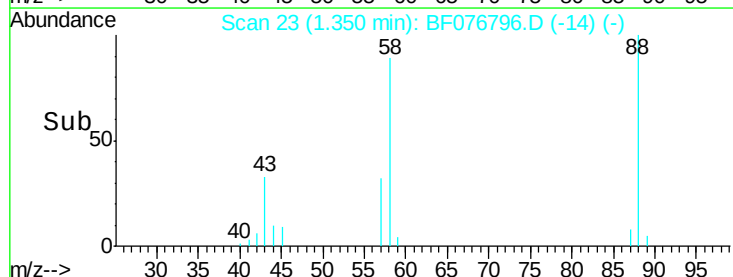
43 29.7 24.0 36.0

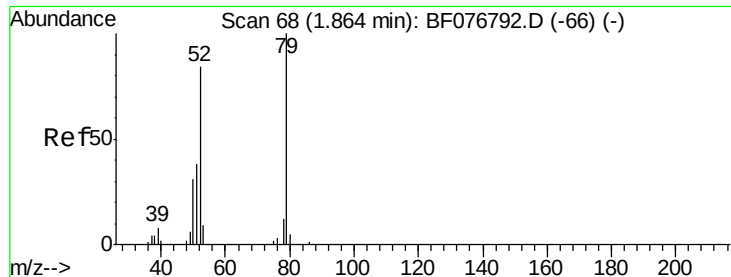


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.30 ng

RT: 1.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

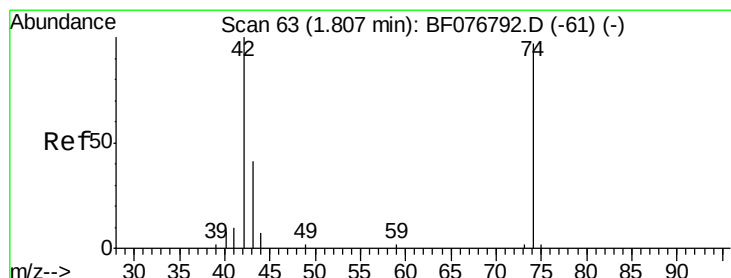
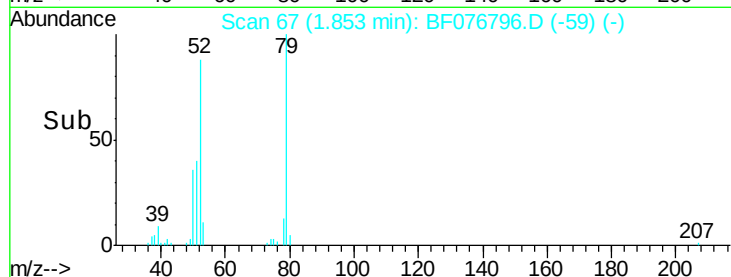
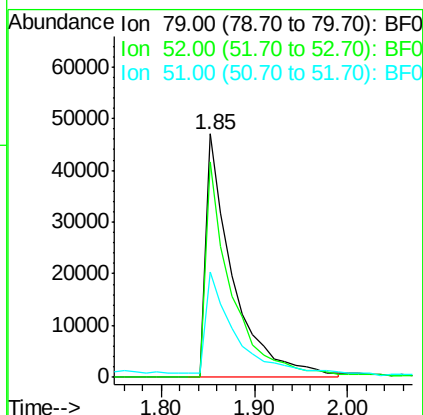
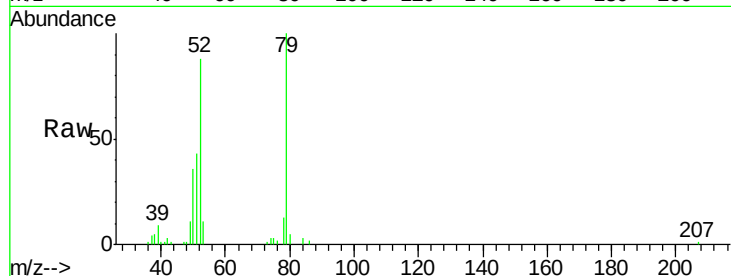
Tgt Ion: 79 Resp: 95387

Ion Ratio Lower Upper

79 100

52 88.5 66.9 100.3

51 43.0 31.6 47.4



#4

n-Nitrosodimethylamine

Concen: 42.88 ng

RT: 1.81 min Scan# 63

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

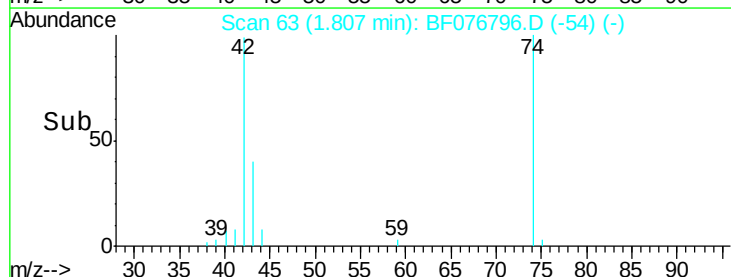
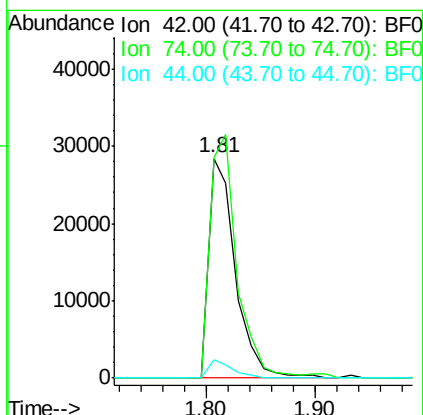
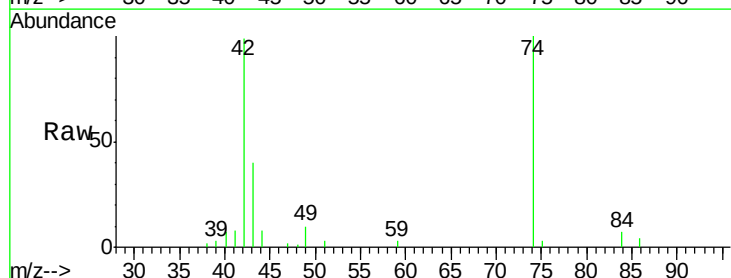
Tgt Ion: 42 Resp: 48612

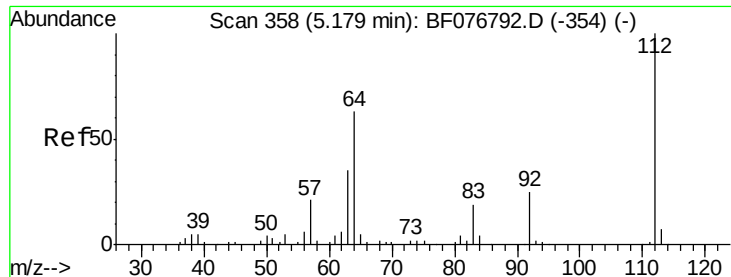
Ion Ratio Lower Upper

42 100

74 100.7 77.9 116.9

44 8.4 5.8 8.6





#5

2-Fluorophenol

Concen: 79.51 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

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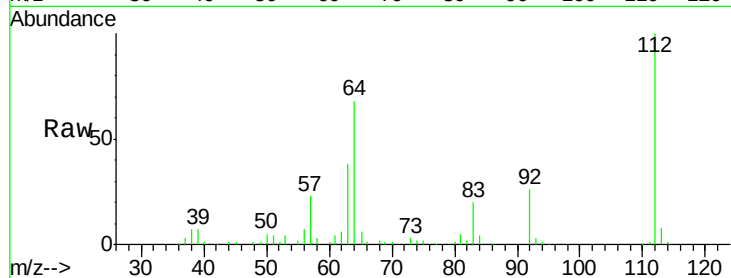
Tgt Ion: 112 Resp: 160258

Ion Ratio Lower Upper

112 100

64 67.6 50.2 75.4

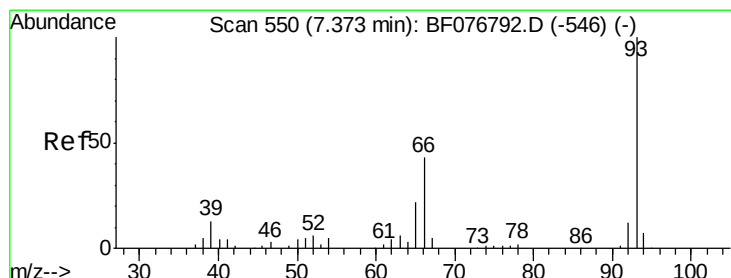
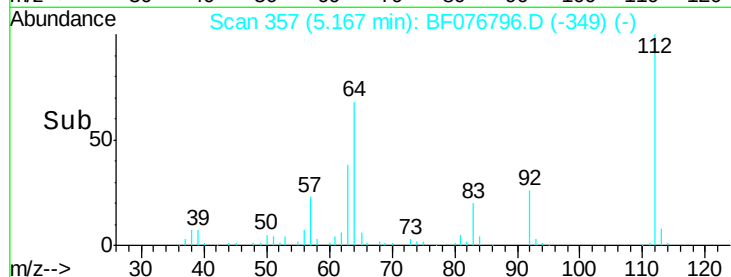
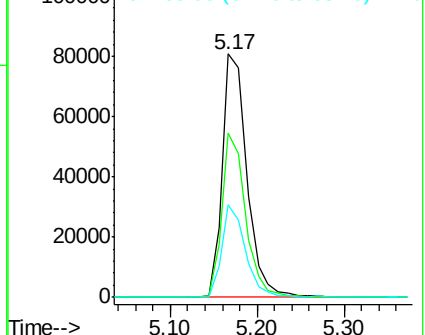
63 38.1 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.75 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

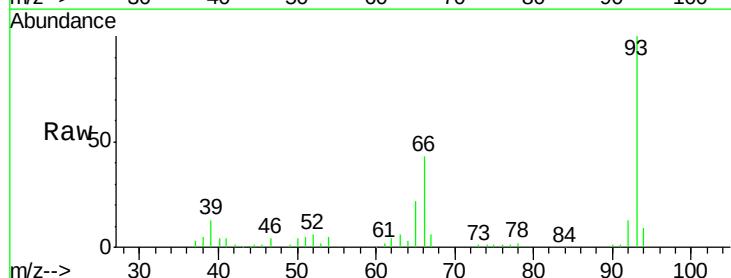
Tgt Ion: 93 Resp: 136693

Ion Ratio Lower Upper

93 100

66 43.2 34.1 51.1

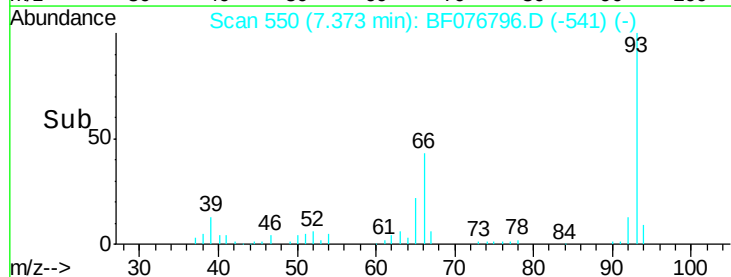
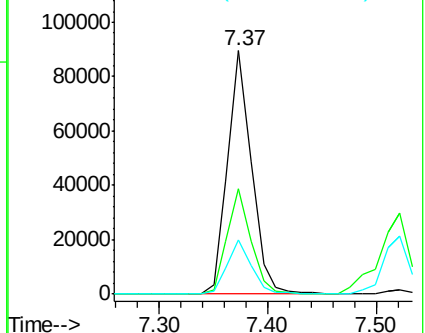
65 22.5 18.0 27.0

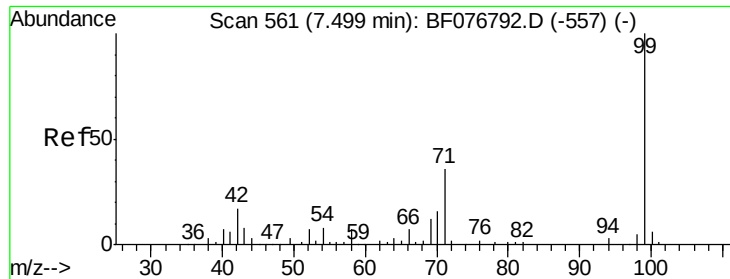


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.00 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

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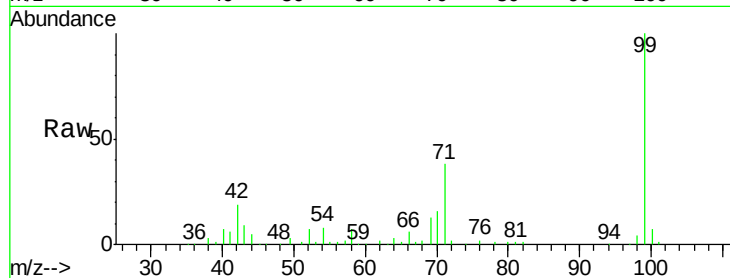
Tgt Ion: 99 Resp: 203159

Ion Ratio Lower Upper

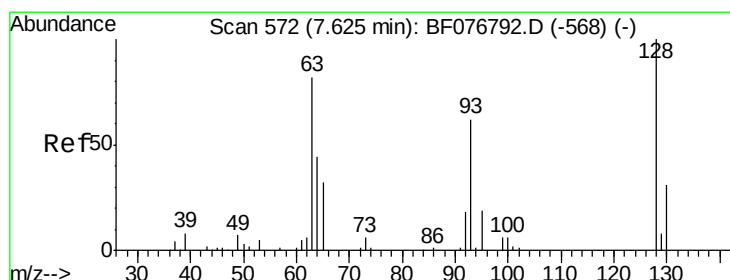
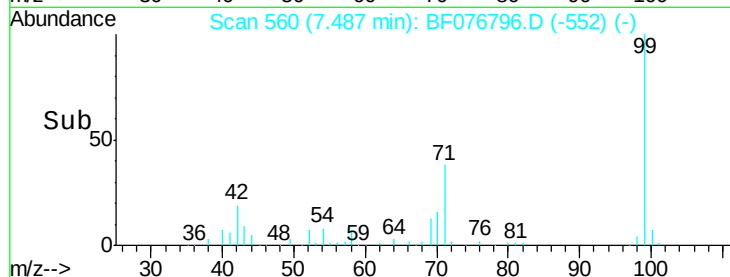
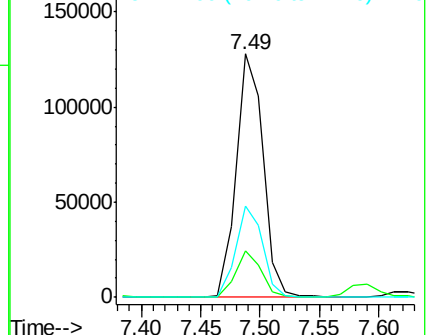
99 100

42 19.0 13.3 19.9

71 37.7 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: 39.48 ng

RT: 7.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

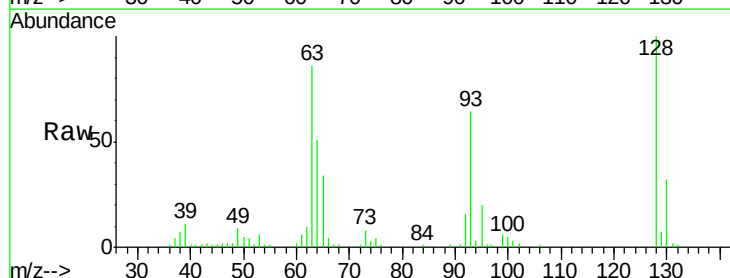
Tgt Ion: 128 Resp: 93424

Ion Ratio Lower Upper

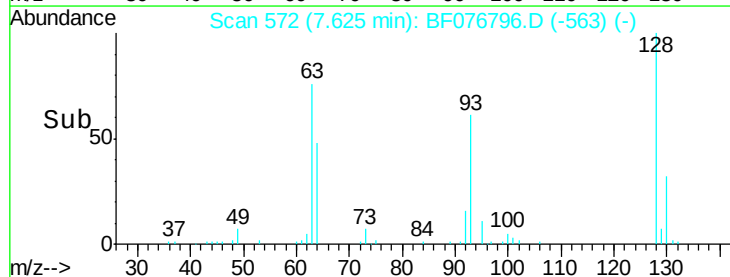
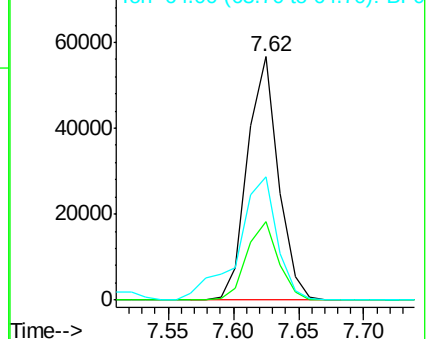
128 100

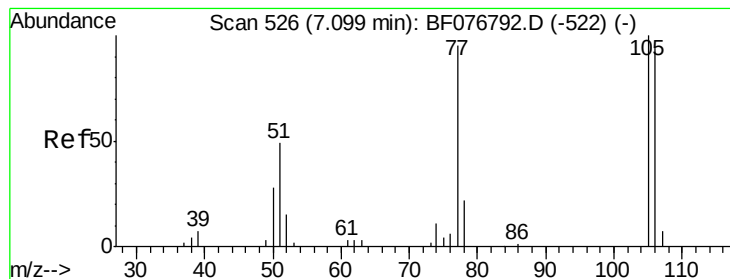
130 32.1 10.6 50.6

64 50.6 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: 42.63 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.00 min

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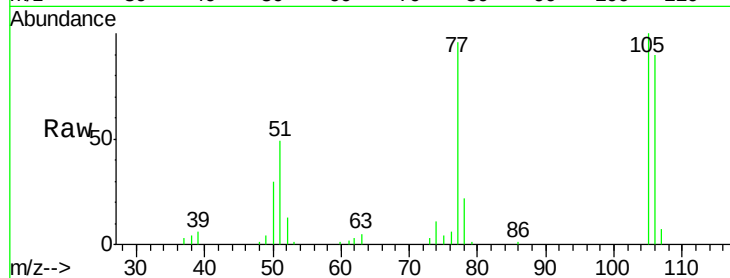
Tgt Ion: 77 Resp: 62145

Ion Ratio Lower Upper

77 100

105 103.9 85.5 125.5

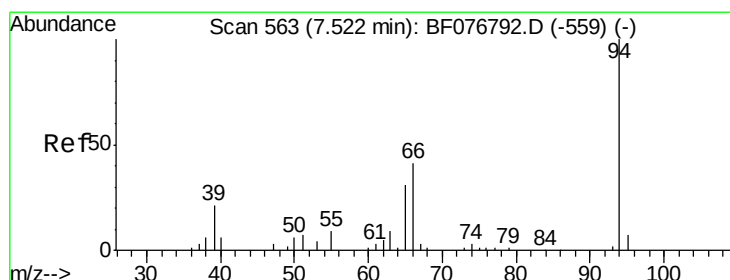
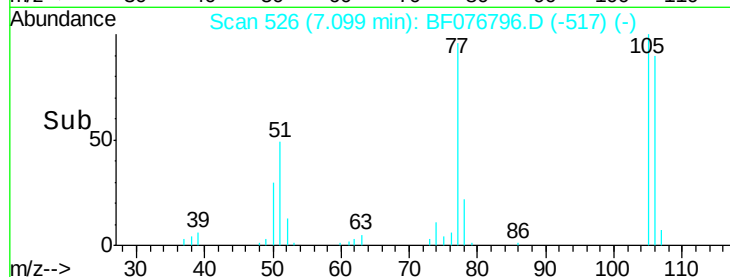
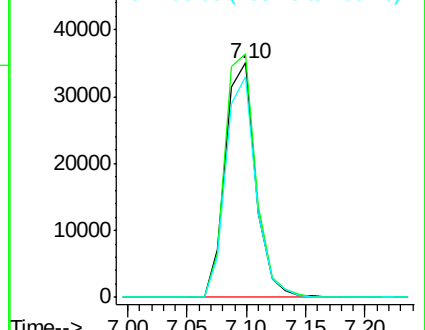
106 93.9 79.0 119.0



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: 38.56 ng

RT: 7.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

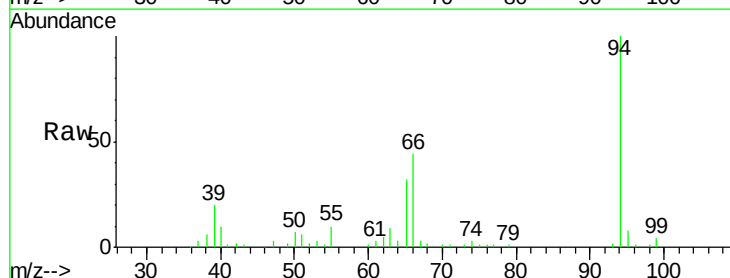
Tgt Ion: 94 Resp: 106084

Ion Ratio Lower Upper

94 100

65 31.6 11.6 51.6

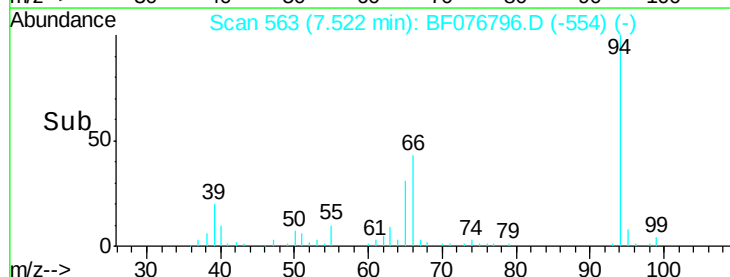
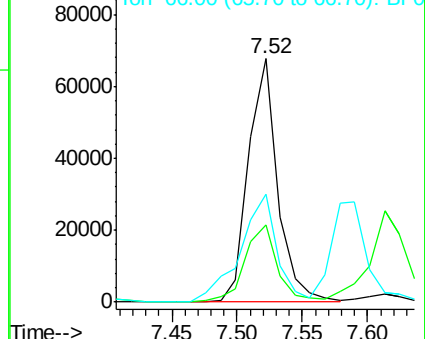
66 44.2 22.3 62.3

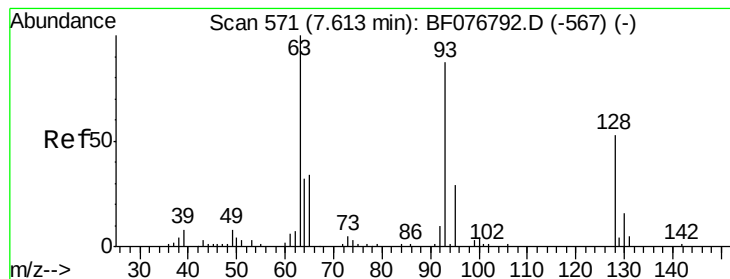


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.29 ng

RT: 7.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

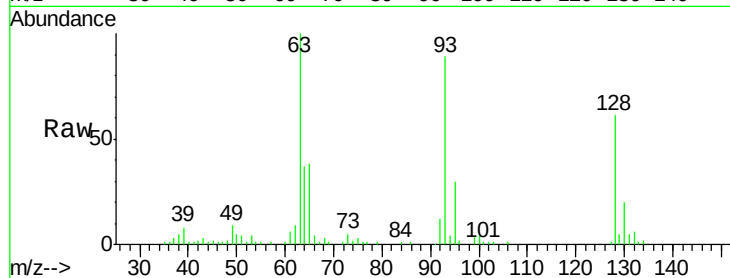
Tgt Ion: 93 Resp: 88254

Ion Ratio Lower Upper

93 100

63 112.9 96.1 136.1

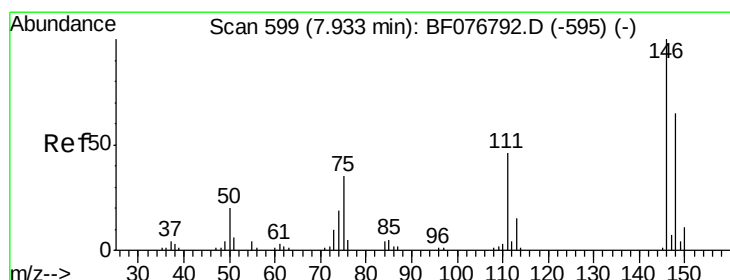
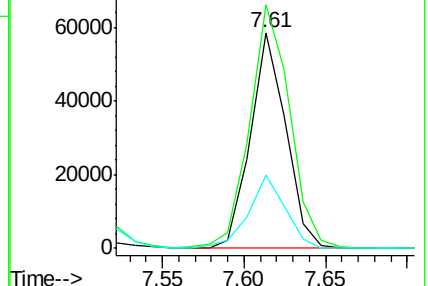
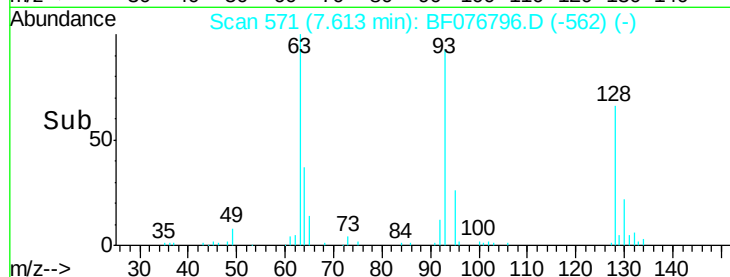
95 33.9 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.44 ng

RT: 7.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

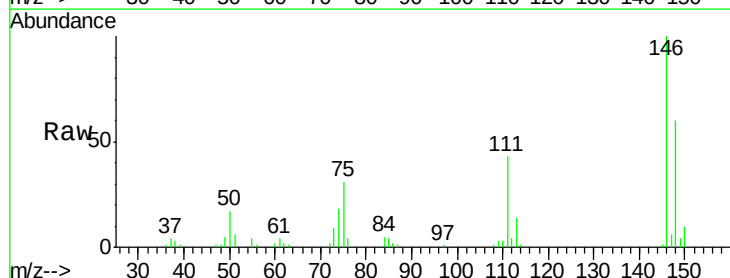
Tgt Ion: 146 Resp: 110320

Ion Ratio Lower Upper

146 100

148 60.3 52.1 78.1

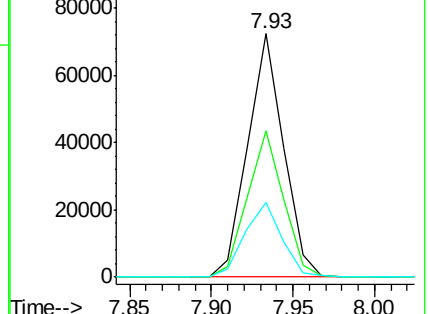
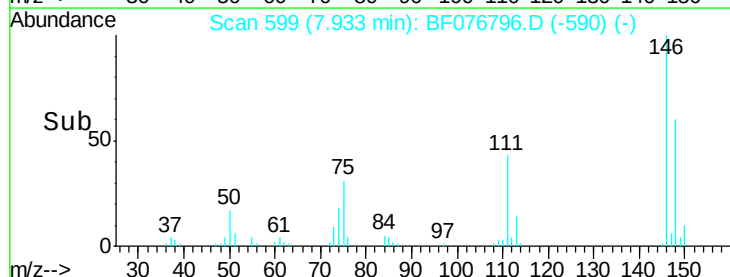
75 30.9 28.0 42.0

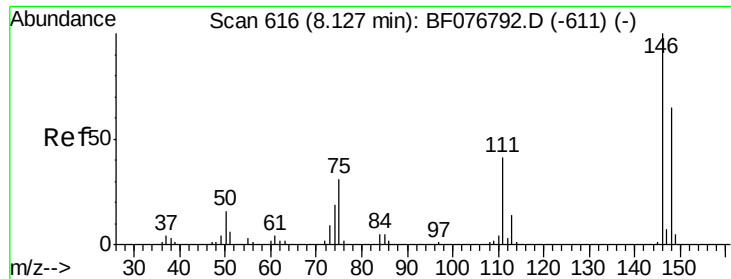


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

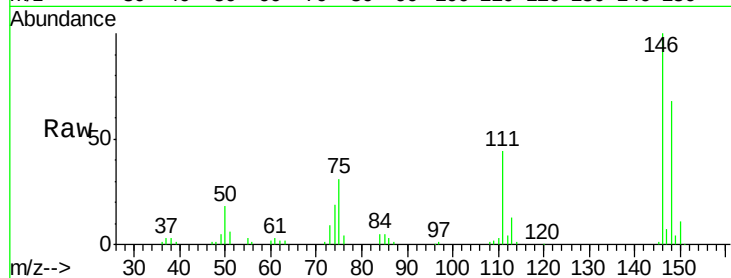




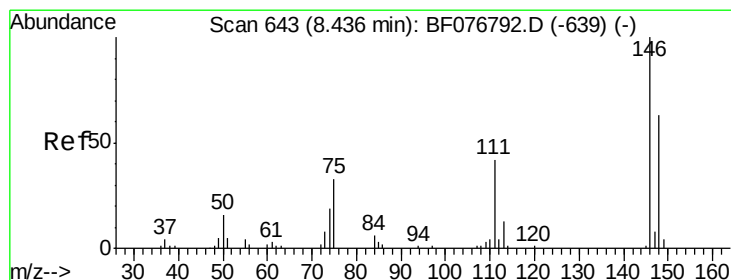
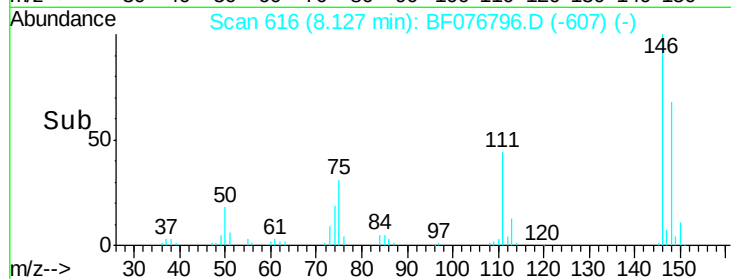
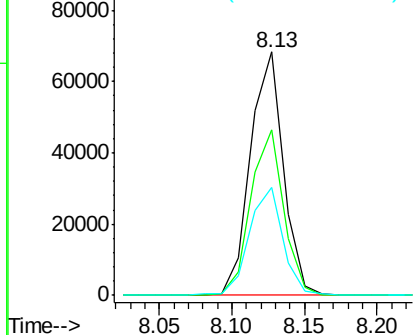
#13
 1,4-Dichlorobenzene
 Concen: 39.08 ng
 RT: 8.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

Tgt Ion:146 Resp: 107769
 Ion Ratio Lower Upper
 146 100
 148 68.2 51.8 77.8
 111 44.1 32.6 49.0

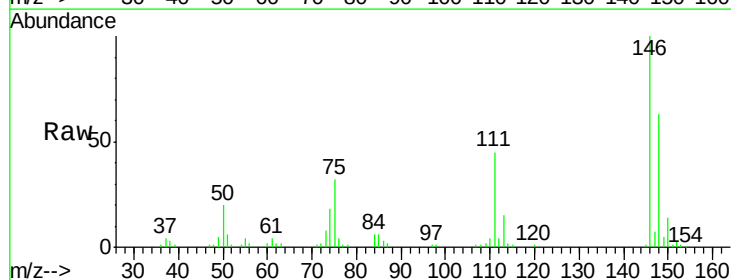


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

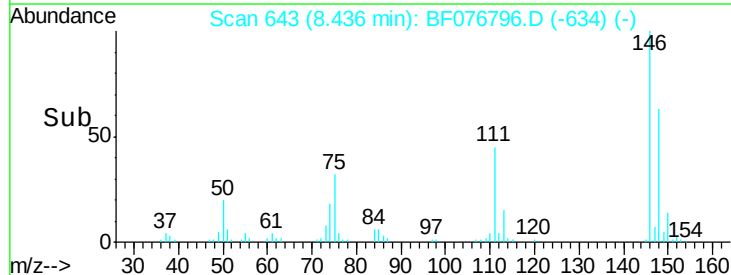
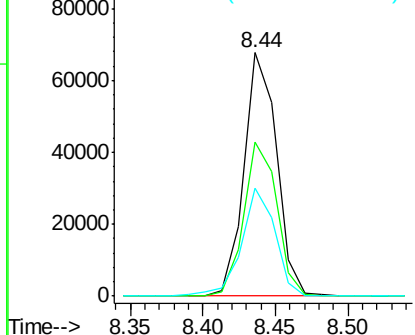


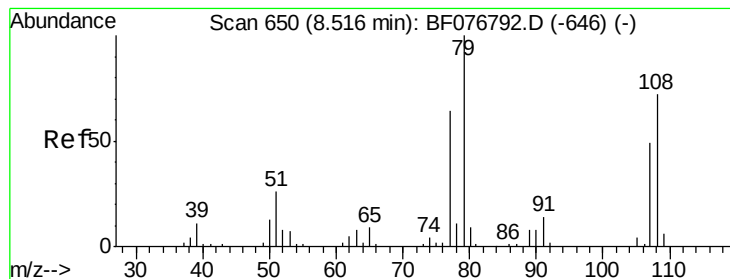
#14
 1,2-Dichlorobenzene
 Concen: 40.70 ng
 RT: 8.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:146 Resp: 105744
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.2 75.2
 111 44.5 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: 40.61 ng

RT: 8.52 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

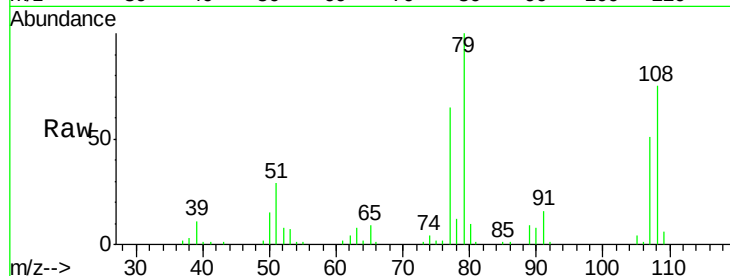
Tgt Ion: 79 Resp: 86122

Ion Ratio Lower Upper

79 100

108 74.7 57.4 86.0

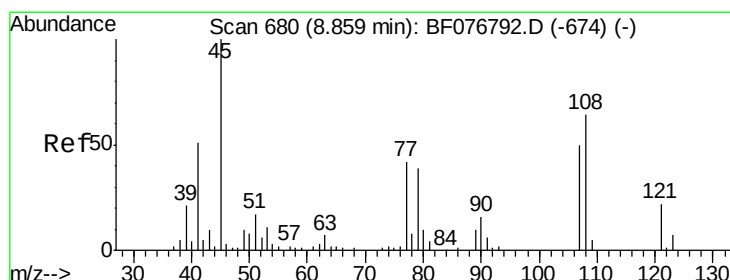
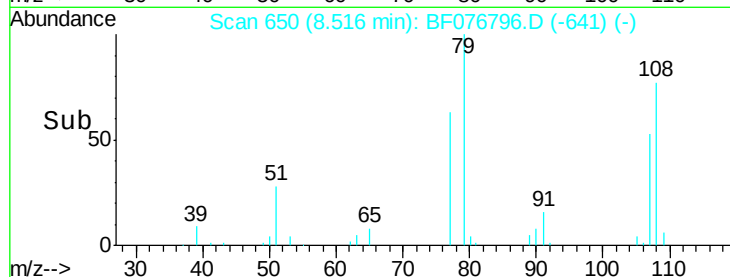
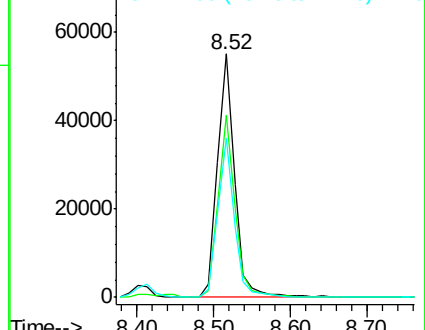
77 65.4 51.2 76.8



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: 39.03 ng

RT: 8.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

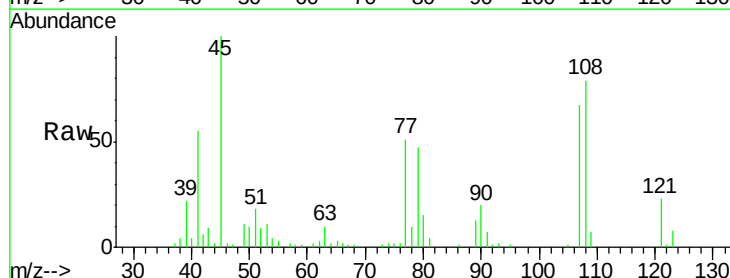
Tgt Ion: 45 Resp: 113610

Ion Ratio Lower Upper

45 100

77 50.6 21.9 61.9

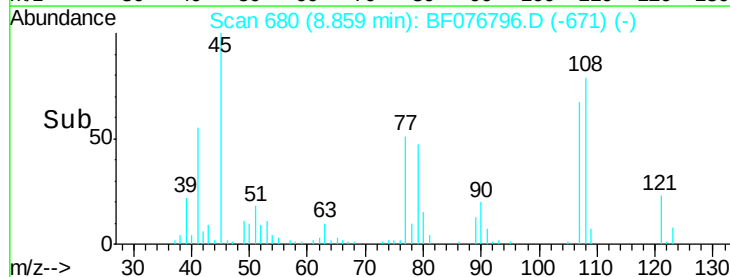
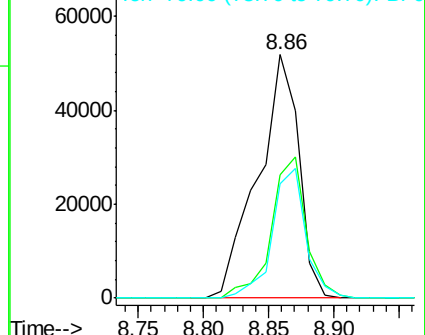
79 46.9 19.0 59.0

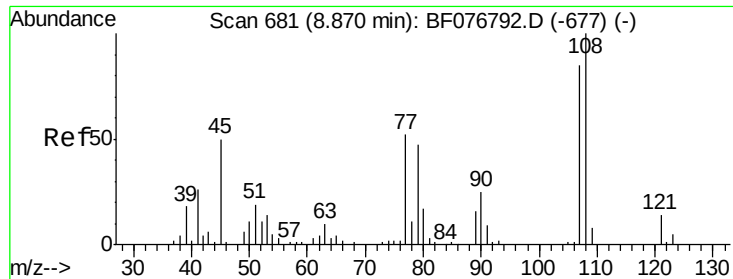


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

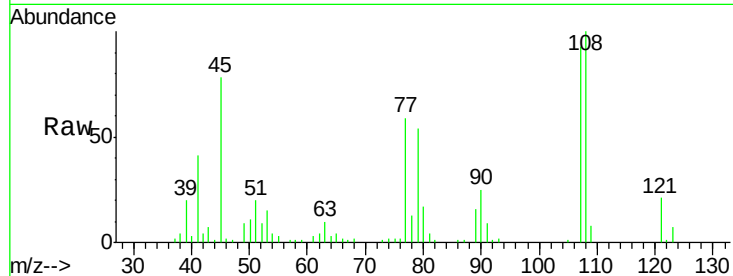




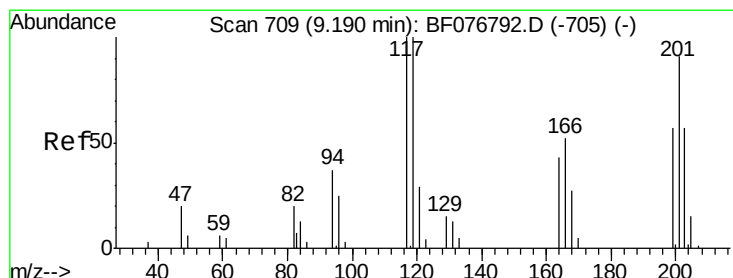
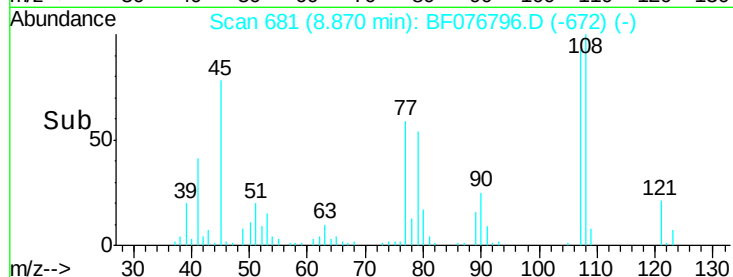
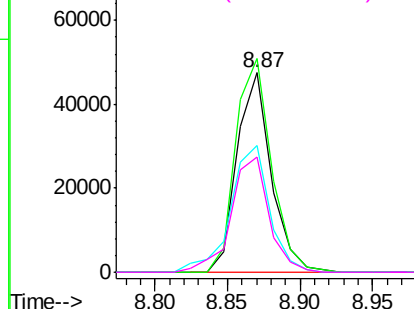
#17
2-Methylphenol
Concen: 40.08 ng
RT: 8.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Instrument :
BNA_F
ClientSampleId :
ICVBF010915

Tgt Ion:107 Resp: 77832
Ion Ratio Lower Upper
107 100
108 107.2 93.8 140.8
77 63.5 51.3 76.9
79 58.1 46.5 69.7

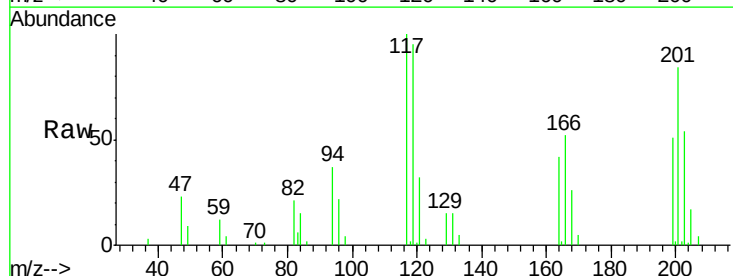


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

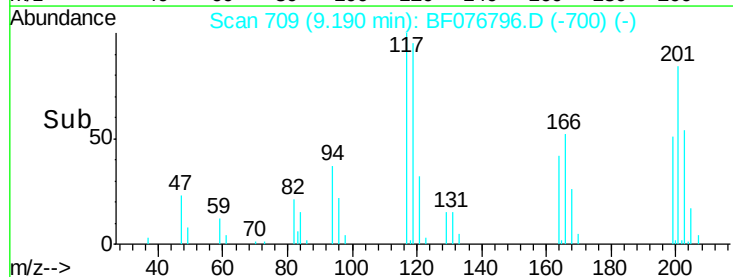
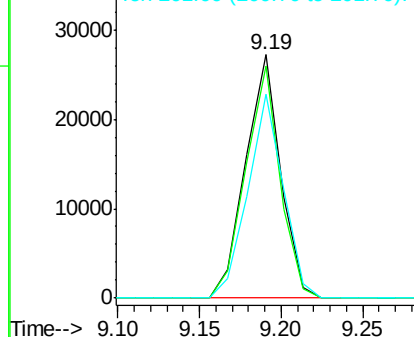


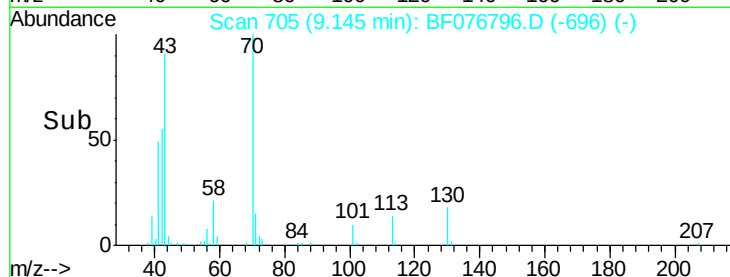
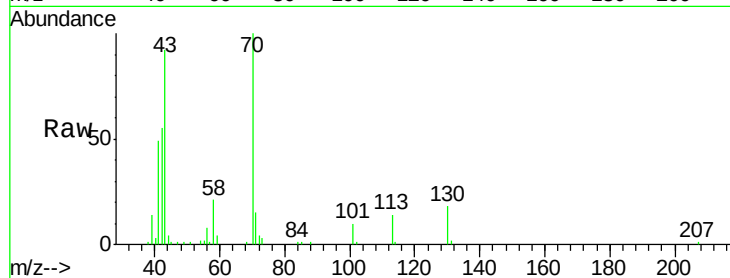
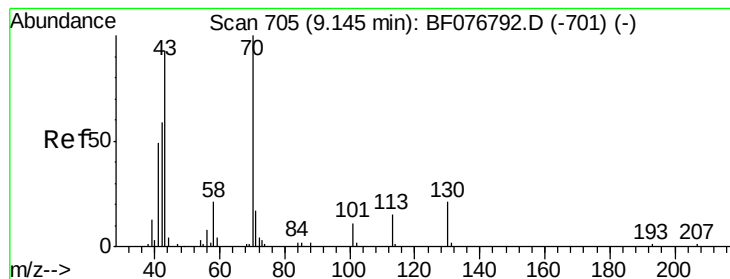
#18
Hexachloroethane
Concen: 39.63 ng
RT: 9.19 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Tgt Ion:117 Resp: 40448
Ion Ratio Lower Upper
117 100
119 95.3 80.0 120.0
201 84.0 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: 40.69 ng

RT: 9.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

Tgt Ion: 70 Resp: 74109

Ion Ratio Lower Upper

70 100

42 55.3 47.1 70.7

101 10.2 8.5 12.7

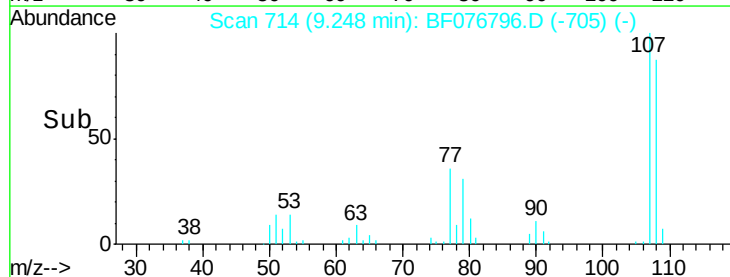
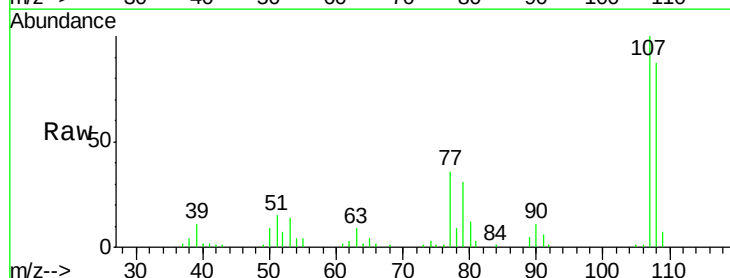
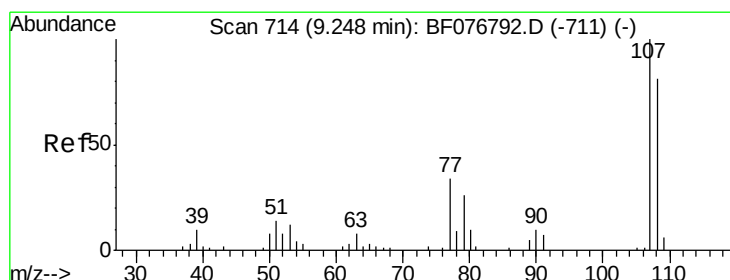
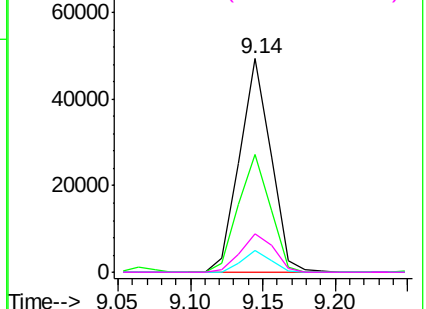
130 18.0 17.0 25.4

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.89 ng

RT: 9.25 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Tgt Ion: 107 Resp: 100993

Ion Ratio Lower Upper

107 100

108 87.3 61.4 101.4

77 35.5 14.4 54.4

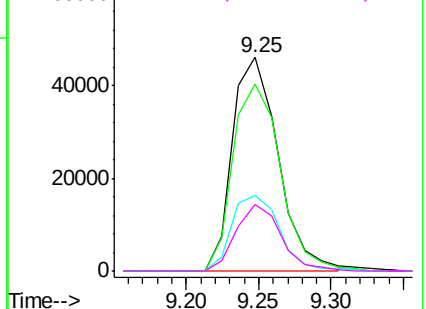
79 31.1 6.4 46.4

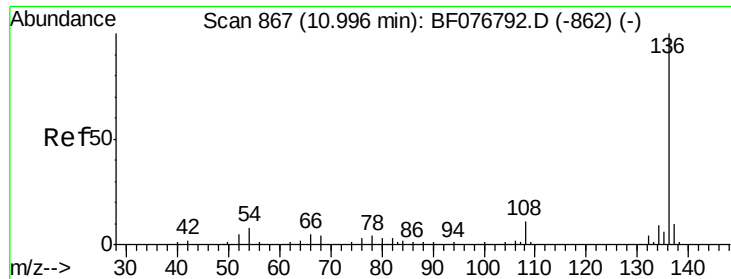
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

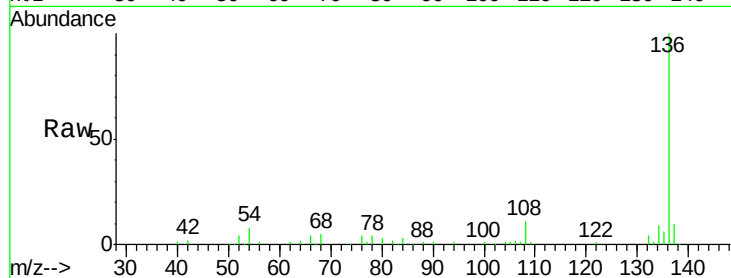




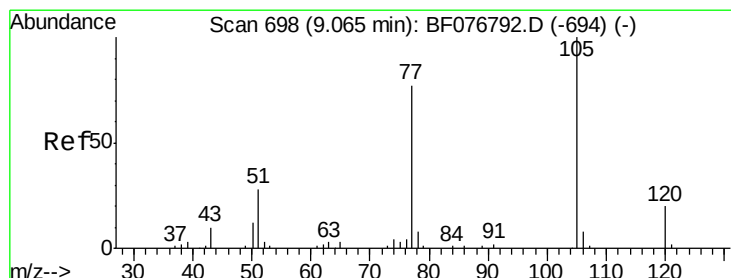
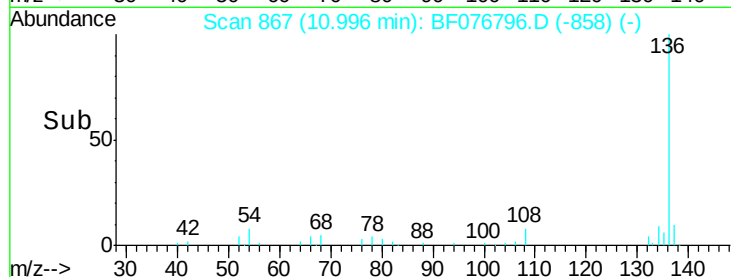
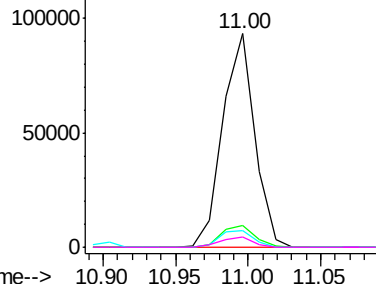
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Instrument :
BNA_F
ClientSampleId :
ICVBF010915

Tgt Ion:	136	Resp:	143027
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.1	12.1
54	7.7	6.3	9.5
68	4.6	3.4	5.0

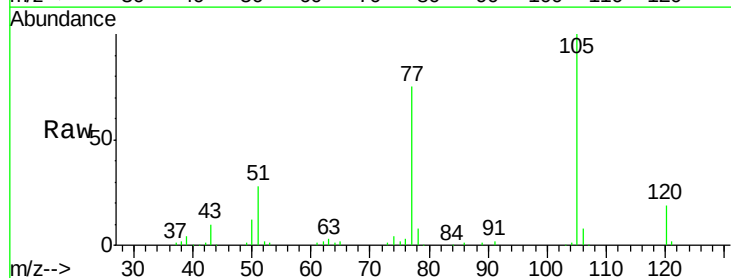


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

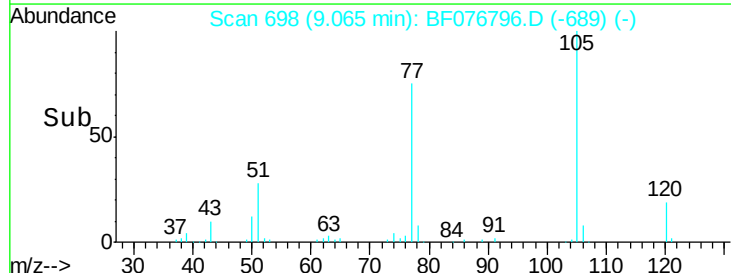
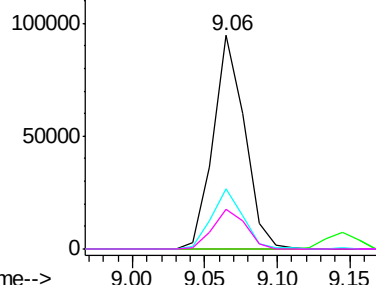


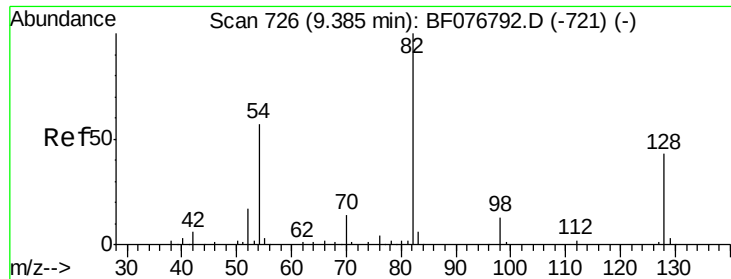
#22
Acetophenone
Concen: 39.84 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Tgt Ion:	105	Resp:	142202
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.4	22.2	33.2
120	18.6	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

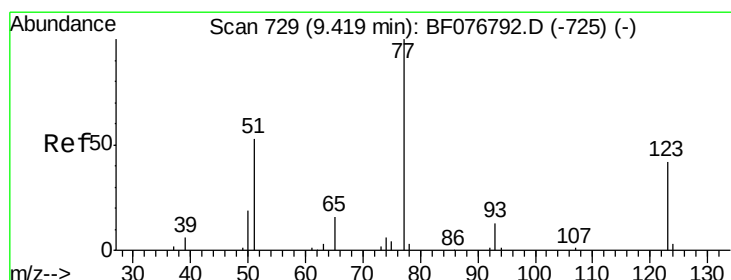
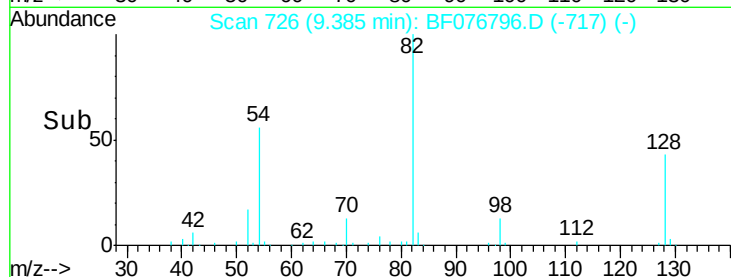
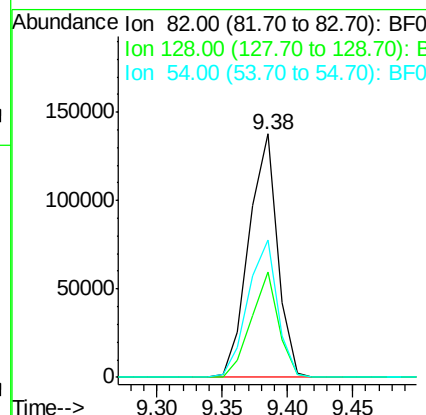
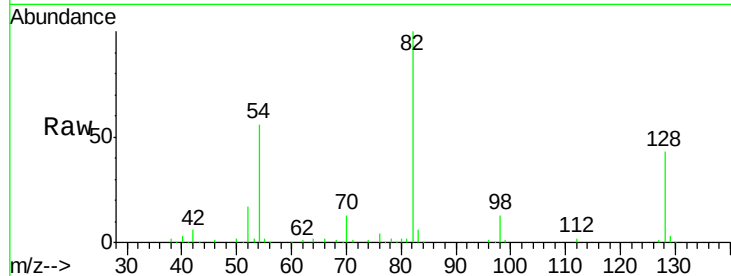




#23
 Nitrobenzene-d5
 Concen: 80.23 ng
 RT: 9.38 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

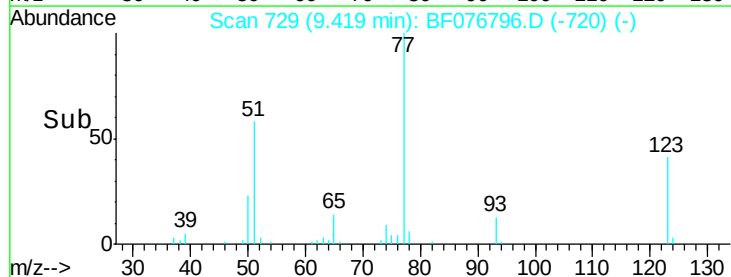
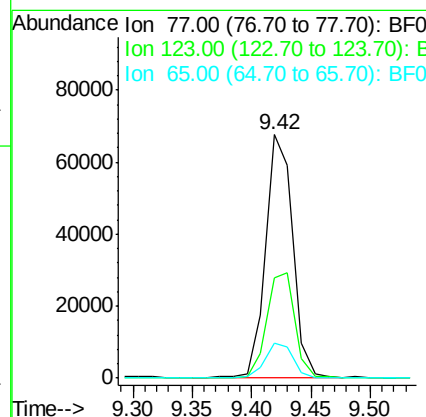
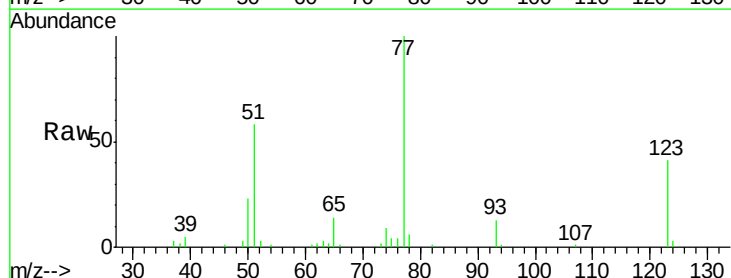
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

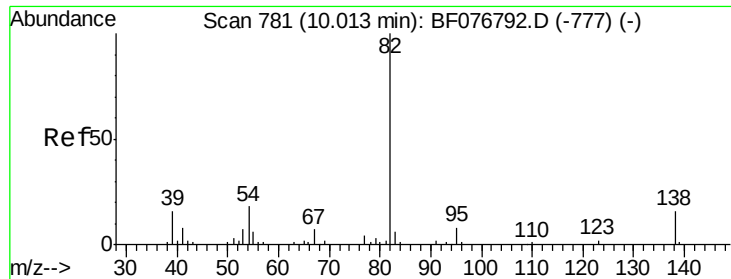
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	56.3	45.6	68.4



#24
 Nitrobenzene
 Concen: 41.05 ng
 RT: 9.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	33.3	49.9
65	14.3	13.1	19.7





#25

Isophorone

Concen: 40.28 ng

RT: 10.02 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

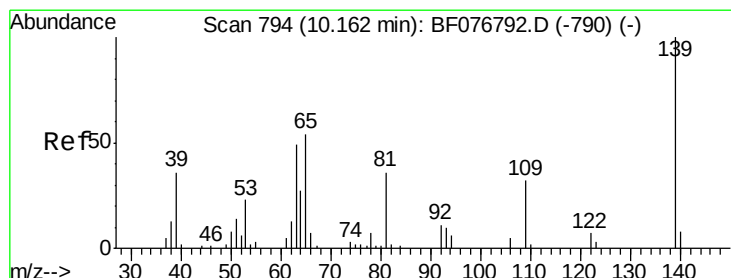
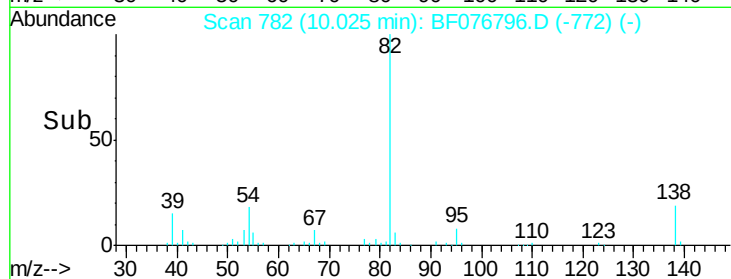
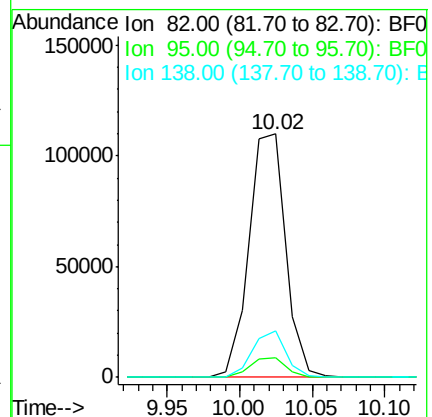
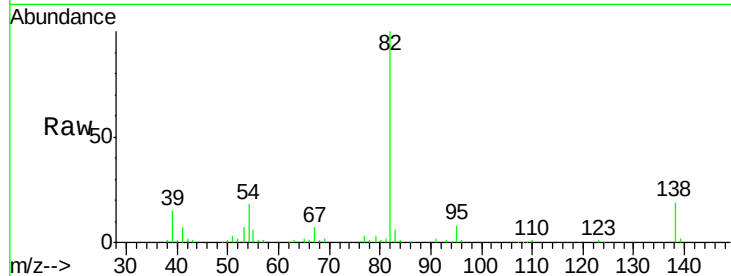
Tgt Ion: 82 Resp: 193204

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 19.0 13.0 19.4



#26

2-Nitrophenol

Concen: 41.11 ng

RT: 10.16 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

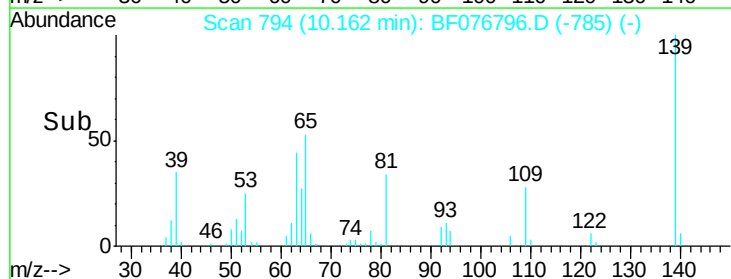
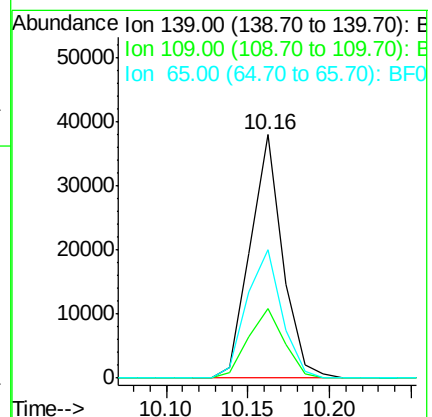
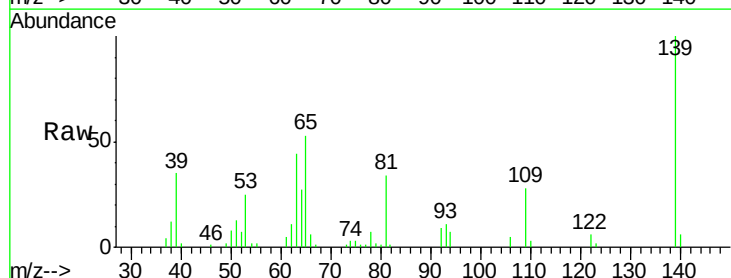
Tgt Ion: 139 Resp: 52528

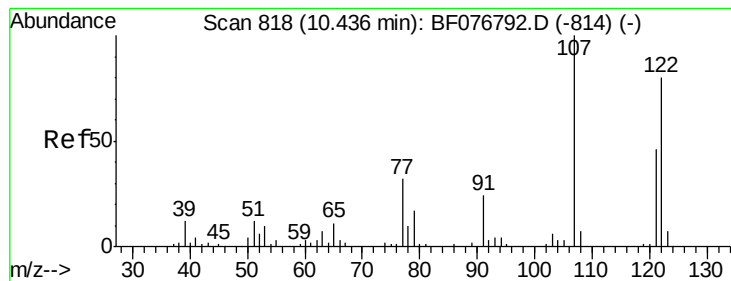
Ion Ratio Lower Upper

139 100

109 28.4 25.4 38.0

65 52.6 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 39.67 ng

RT: 10.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

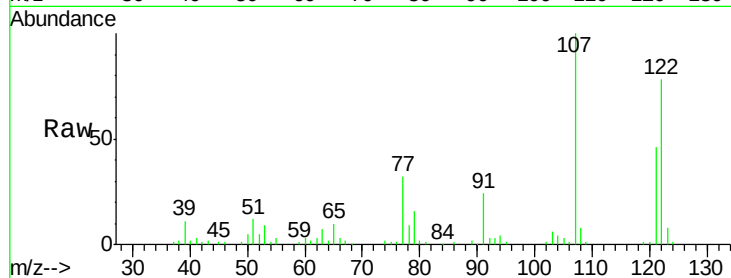
Tgt Ion: 122 Resp: 82020

Ion Ratio Lower Upper

122 100

107 128.1 100.6 150.8

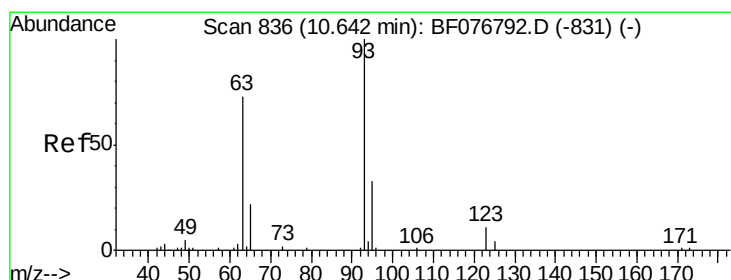
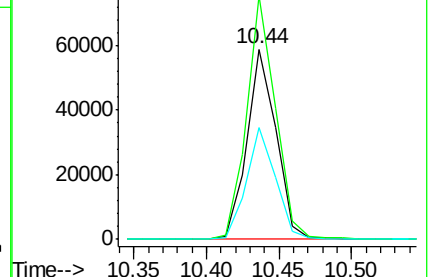
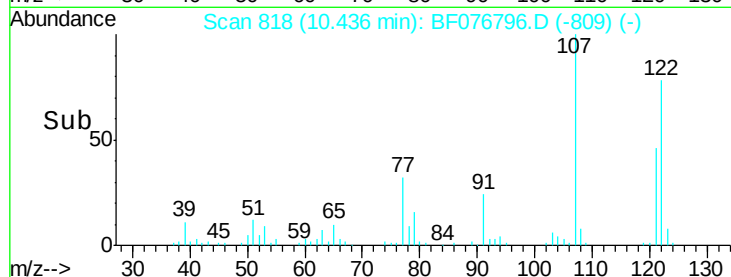
121 59.1 45.8 68.8



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: 41.67 ng

RT: 10.64 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

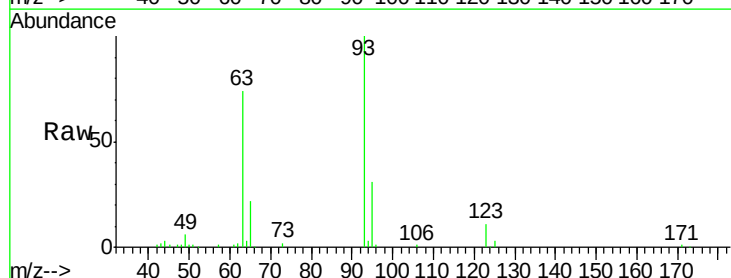
Tgt Ion: 93 Resp: 115233

Ion Ratio Lower Upper

93 100

95 30.8 26.1 39.1

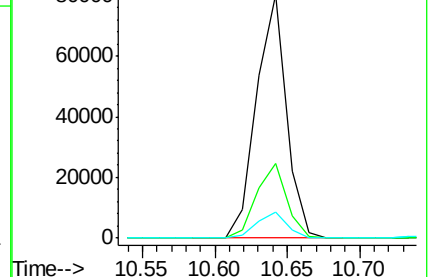
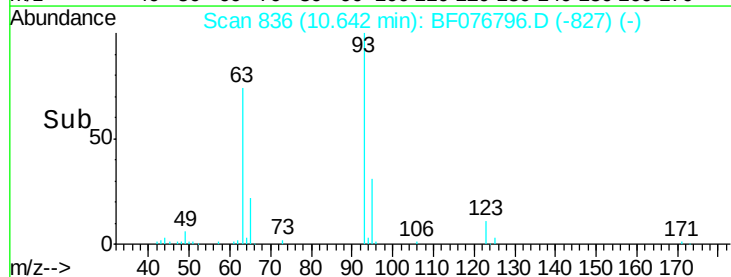
123 10.9 9.0 13.6

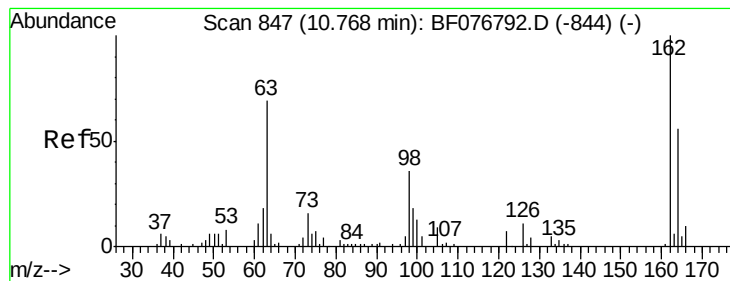


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.06 ng

RT: 10.77 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

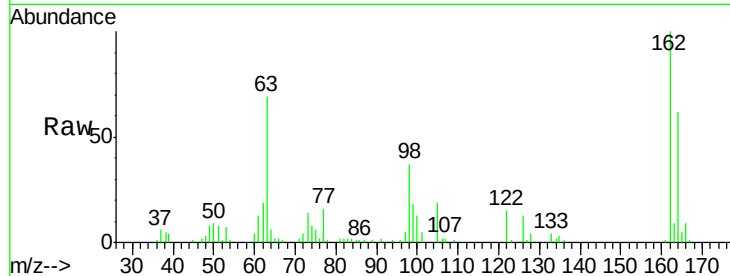
Tgt Ion:162 Resp: 79549

Ion Ratio Lower Upper

162 100

164 61.5 36.4 76.4

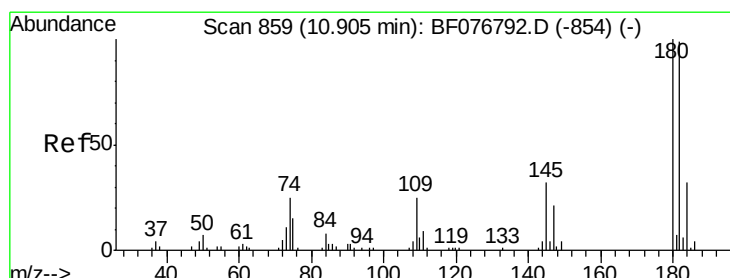
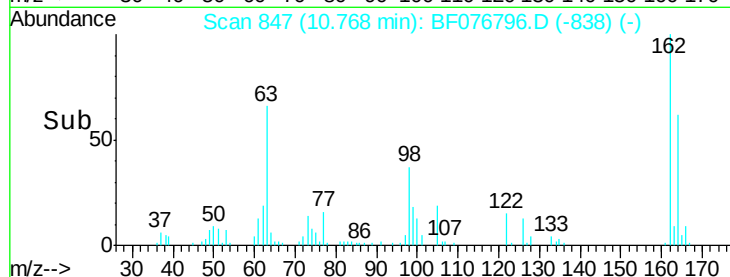
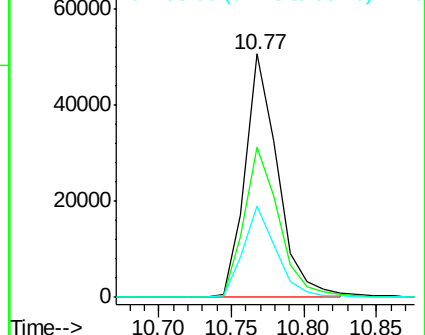
98 37.3 16.1 56.1



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: 39.92 ng

RT: 10.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

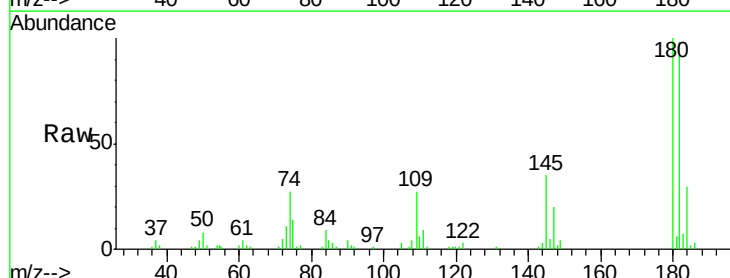
Tgt Ion:180 Resp: 86669

Ion Ratio Lower Upper

180 100

182 98.0 79.4 119.2

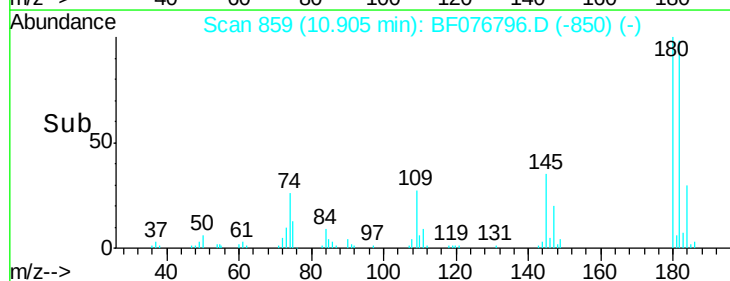
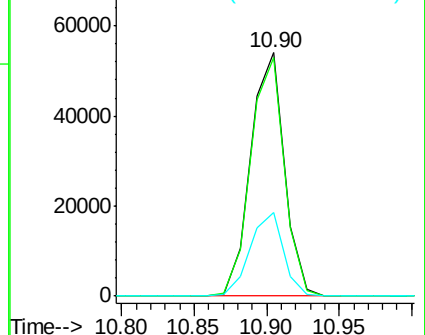
145 34.5 25.6 38.4

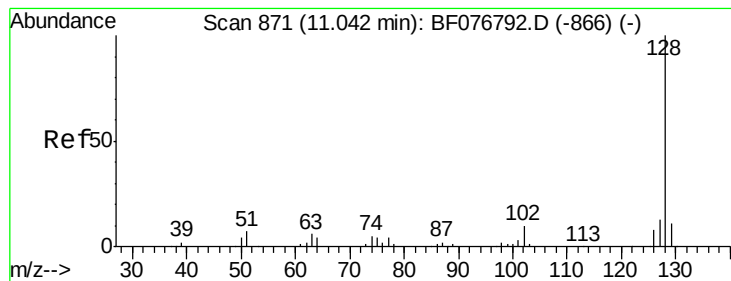


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.31 ng

RT: 11.04 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

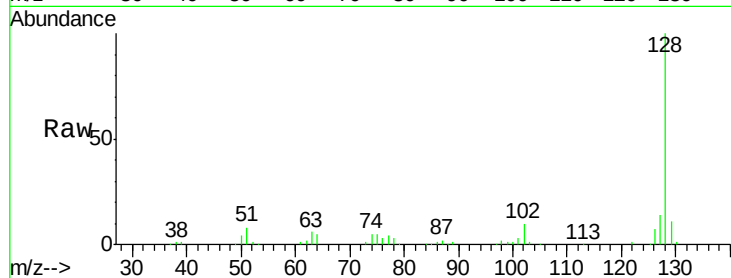
Tgt Ion:128 Resp: 297667

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

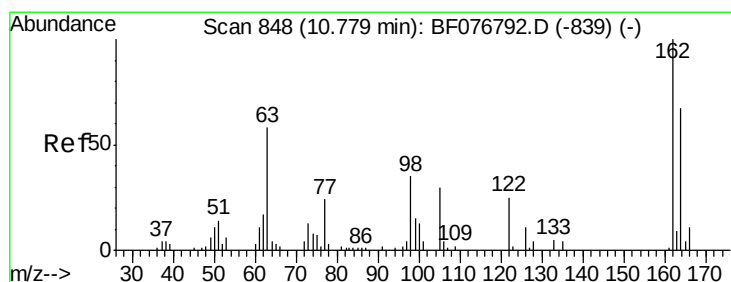
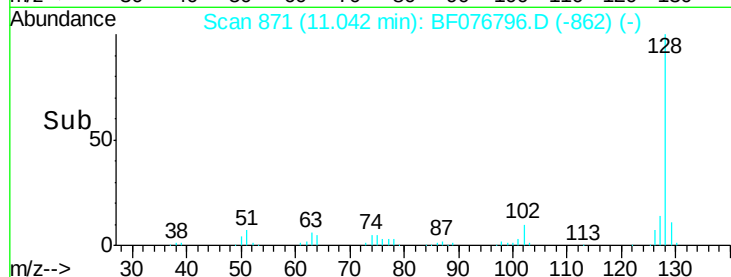
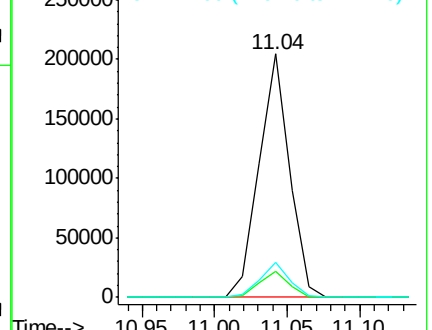
127 14.2 10.1 15.1



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: 31.83 ng

RT: 10.79 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

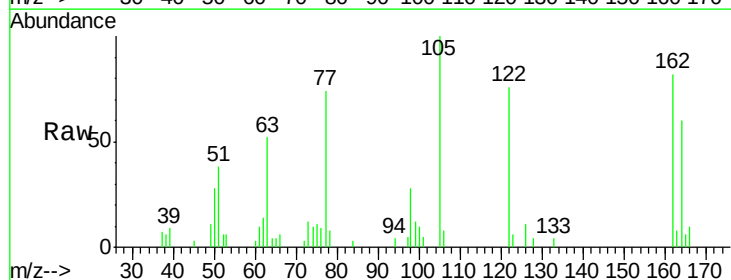
Tgt Ion:122 Resp: 31381

Ion Ratio Lower Upper

122 100

105 131.7 101.8 141.8

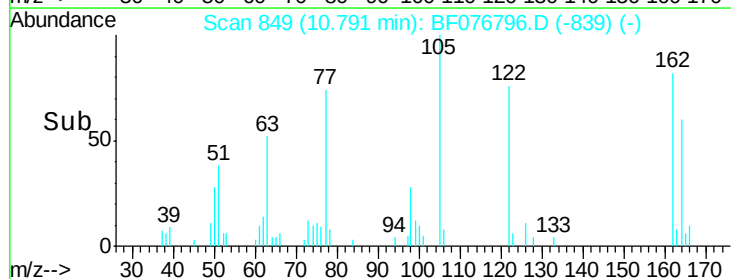
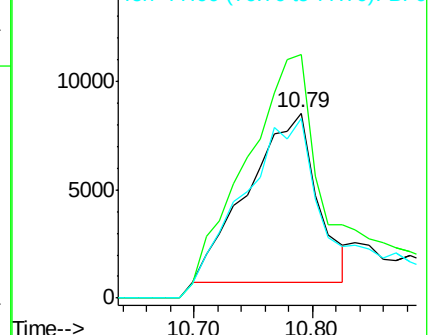
77 97.2 76.0 116.0

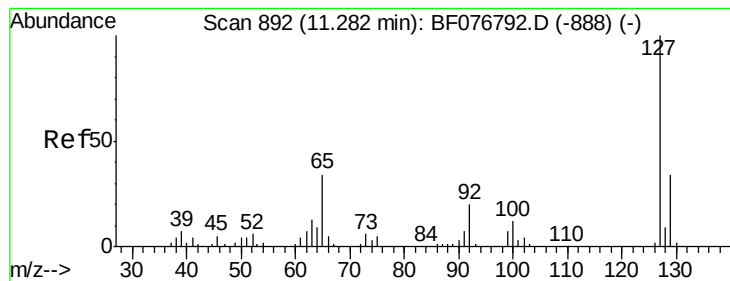


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.27 ng

RT: 11.28 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

Tgt Ion:127 Resp: 118439

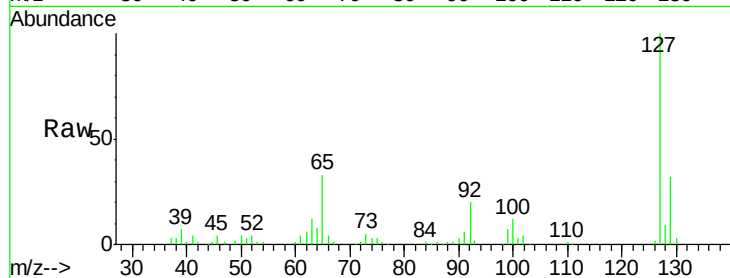
Ion Ratio Lower Upper

127 100

129 32.1 27.0 40.4

65 32.7 27.2 40.8

92 20.2 16.0 24.0

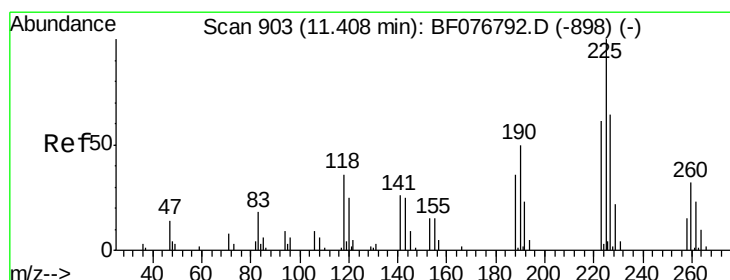
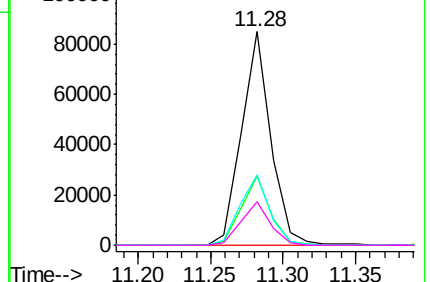
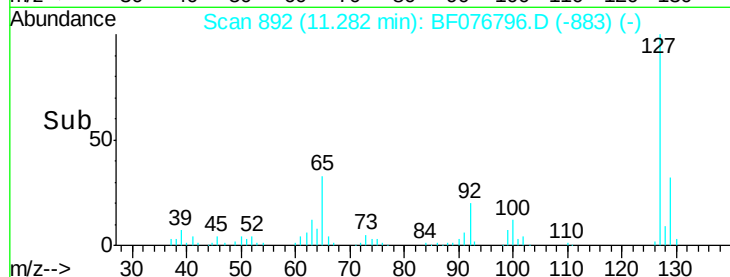


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.44 ng

RT: 11.41 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

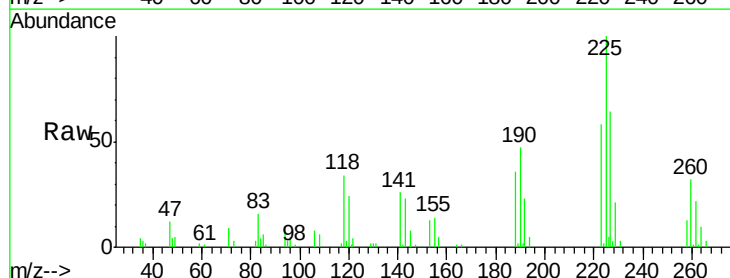
Tgt Ion:225 Resp: 53838

Ion Ratio Lower Upper

225 100

223 57.8 48.7 73.1

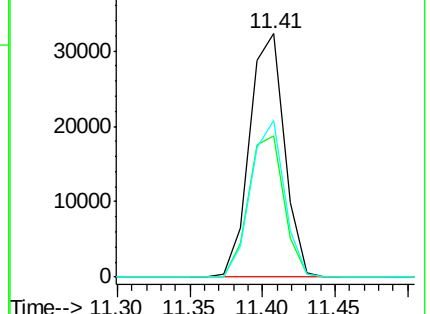
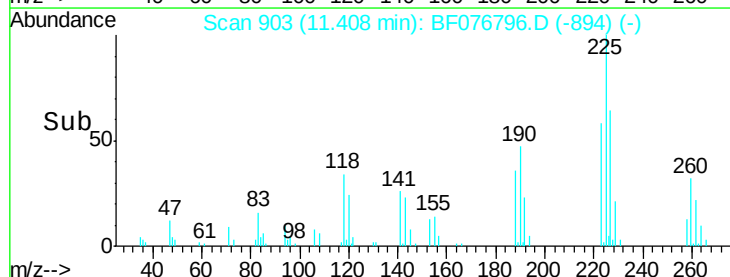
227 64.1 51.4 77.2

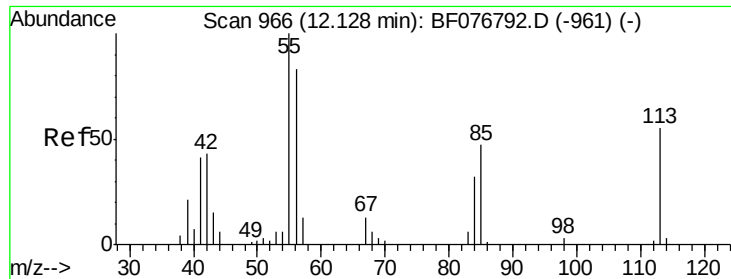


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

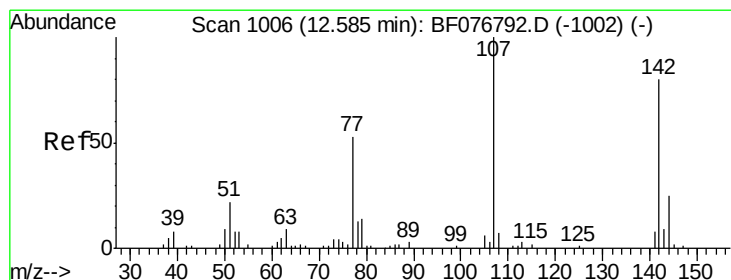
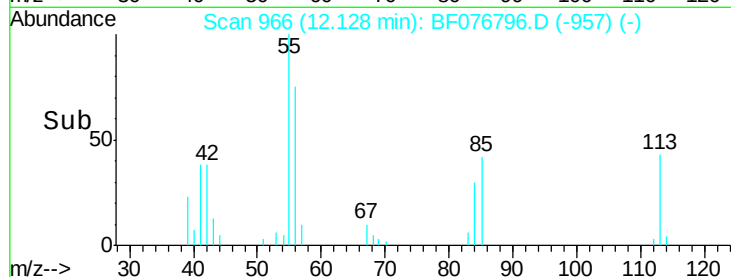
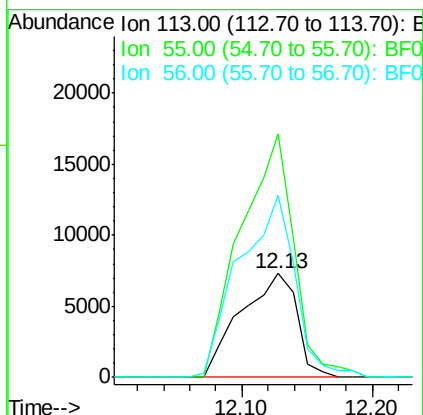
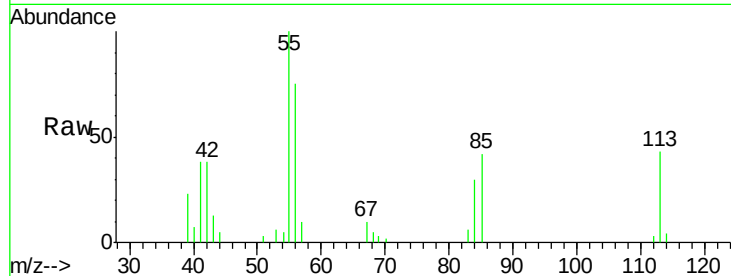




#35
 Caprolactam
 Concen: 38.45 ng
 RT: 12.13 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

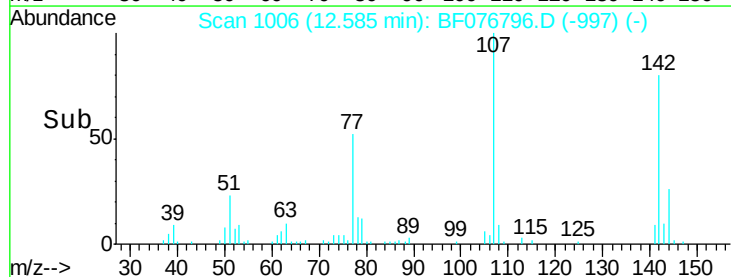
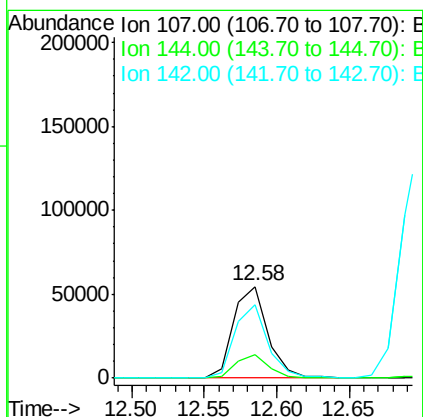
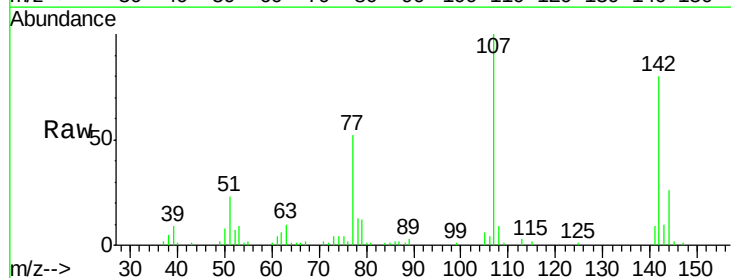
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

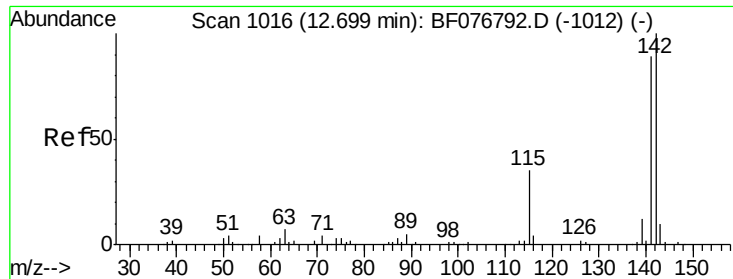
Tgt Ion:113 Resp: 21935
 Ion Ratio Lower Upper
 113 100
 55 234.2 173.2 213.2#
 56 175.8 137.6 177.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.55 ng
 RT: 12.58 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:107 Resp: 89607
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.8 29.8
 142 80.5 64.0 96.0

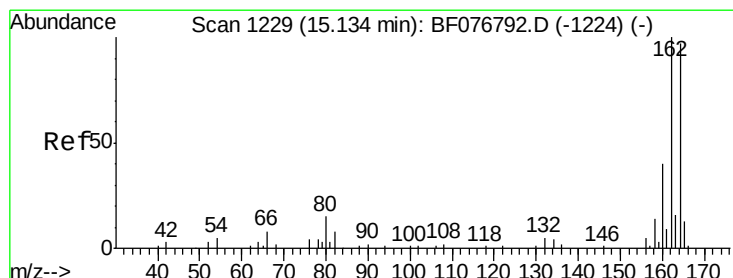
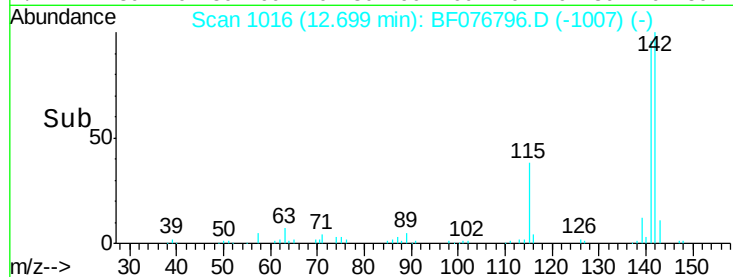
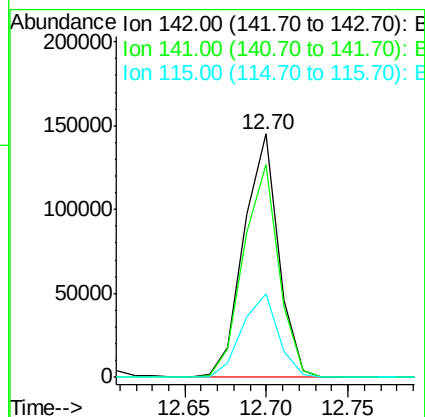
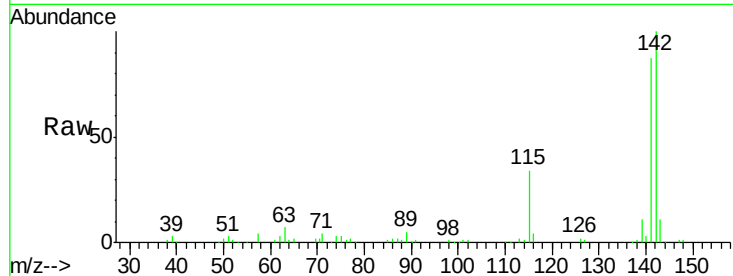




#37
 2-Methylnaphthalene
 Concen: 41.21 ng
 RT: 12.70 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

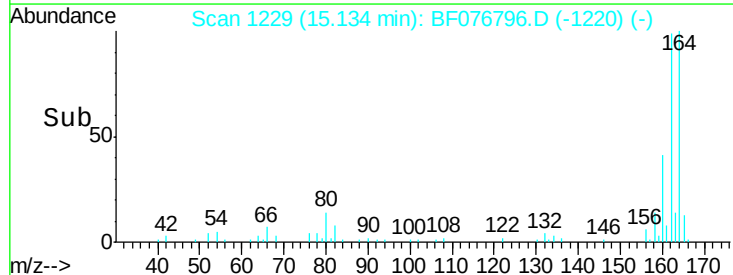
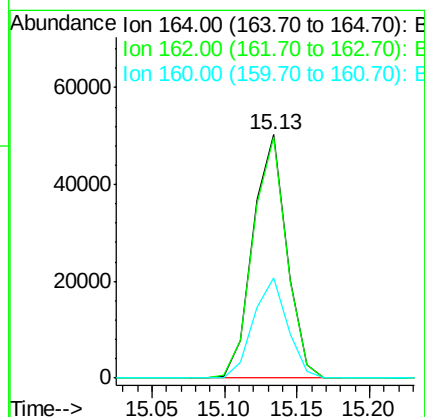
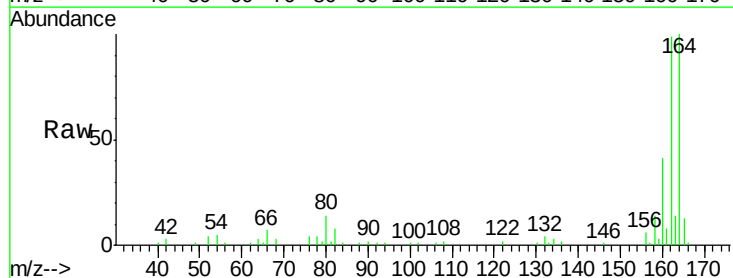
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

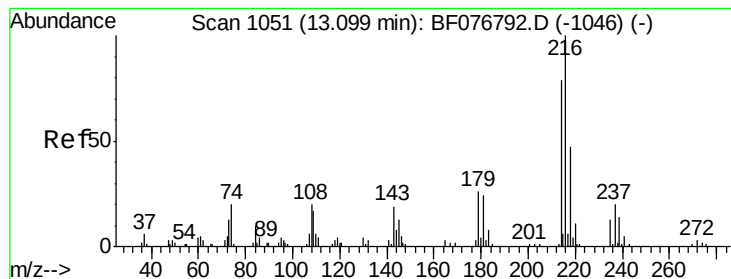
Tgt Ion:142 Resp: 214310
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.0 106.4
 115 34.5 28.2 42.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:164 Resp: 80963
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.5 123.7
 160 41.4 33.1 49.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.62 ng

RT: 13.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

Tgt Ion:216 Resp: 80888

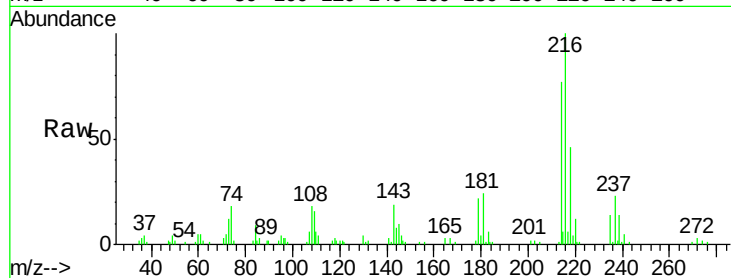
Ion Ratio Lower Upper

216 100

214 78.4 65.0 97.4

179 22.6 20.2 30.2

108 21.8 18.1 27.1

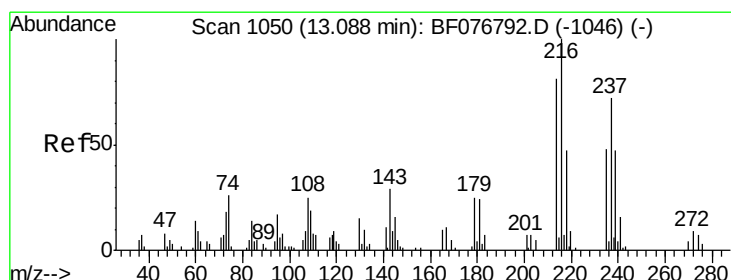
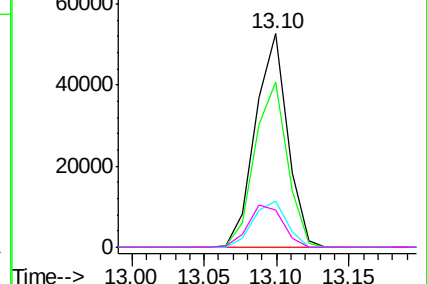
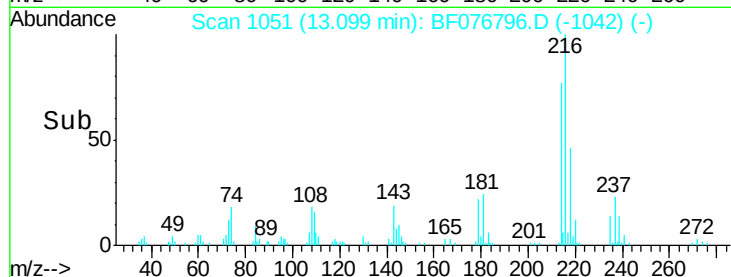


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.72 ng

RT: 13.09 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

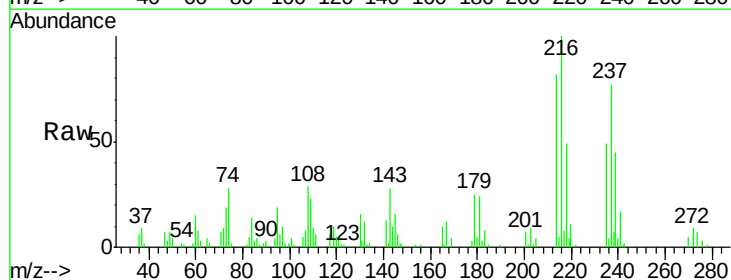
Tgt Ion:237 Resp: 42365

Ion Ratio Lower Upper

237 100

235 63.6 46.3 86.3

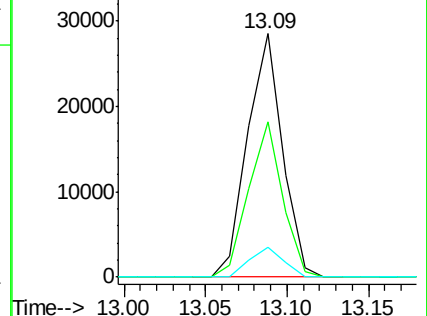
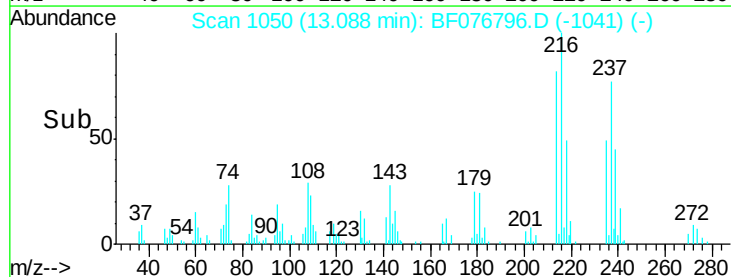
272 12.0 0.0 32.4

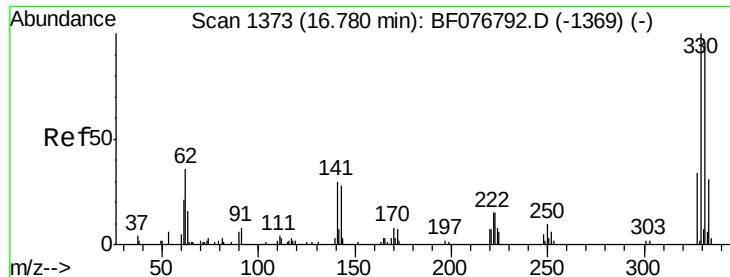


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 79.76 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

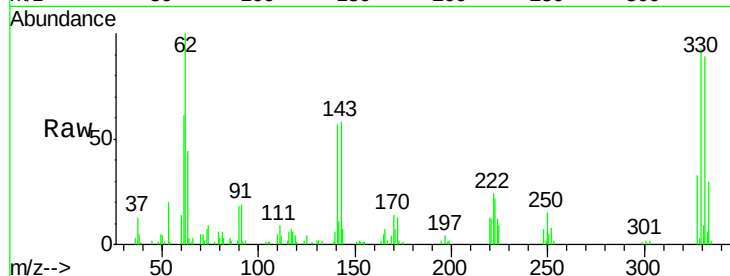
Tgt Ion:330 Resp: 55334

Ion Ratio Lower Upper

330 100

332 98.4 74.8 112.2

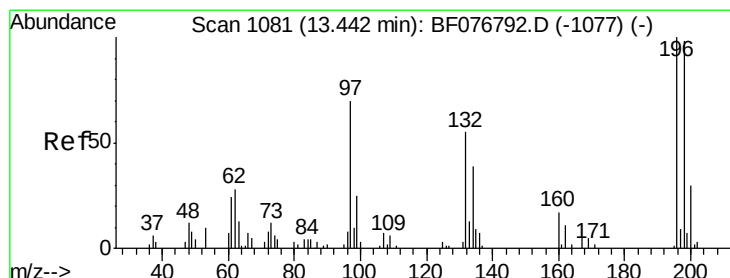
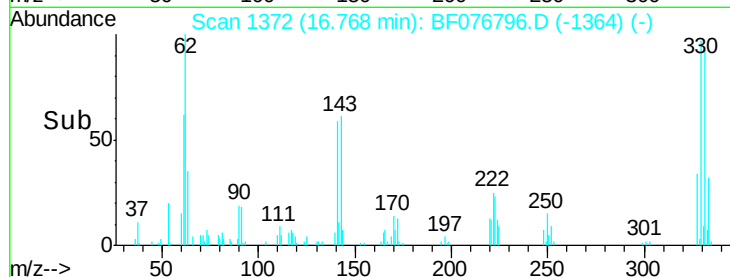
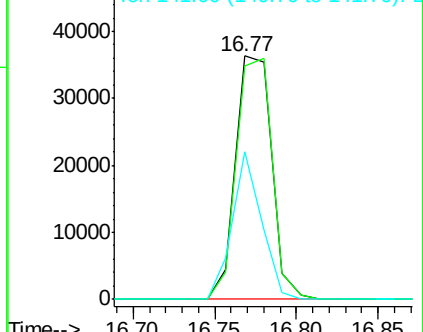
141 49.2 42.4 63.6



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: 39.24 ng

RT: 13.44 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

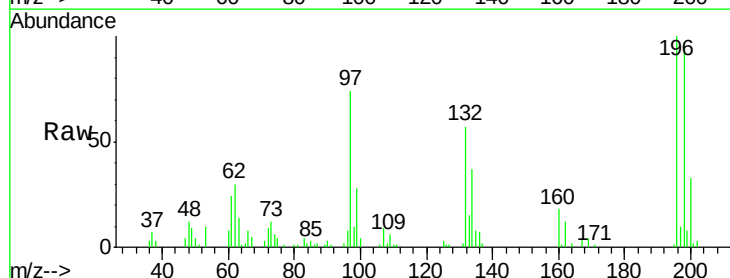
Tgt Ion:196 Resp: 58425

Ion Ratio Lower Upper

196 100

198 96.8 78.4 117.6

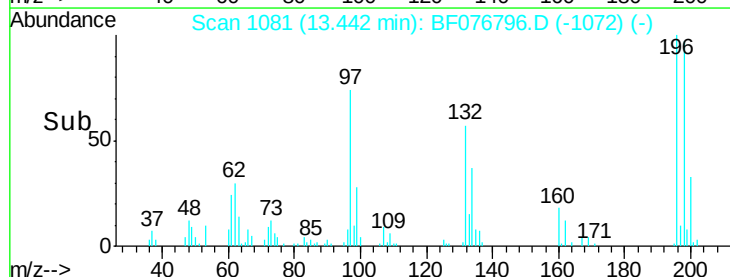
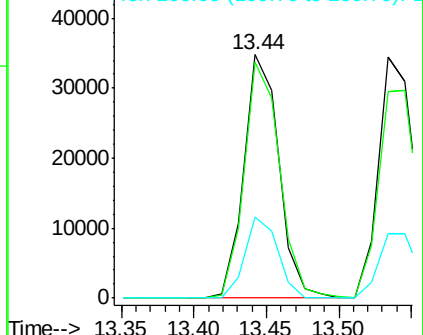
200 33.1 24.4 36.6

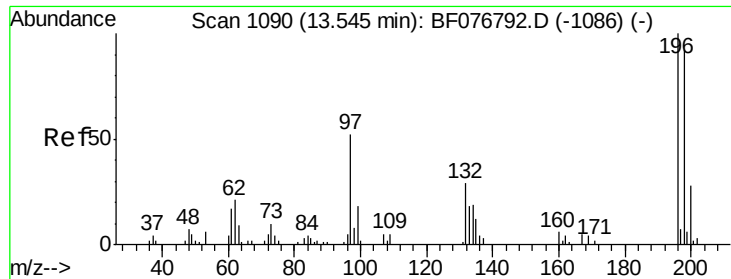


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

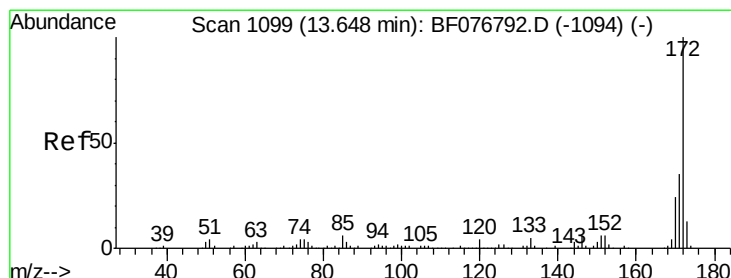
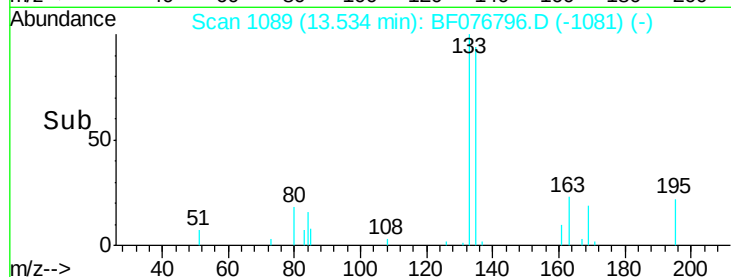
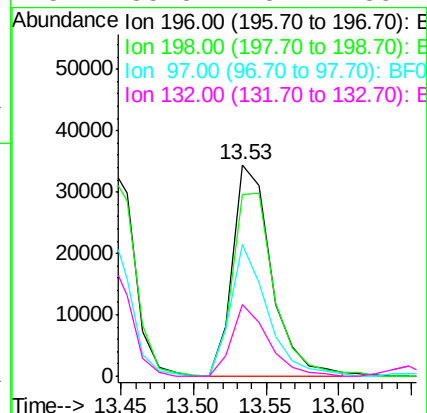
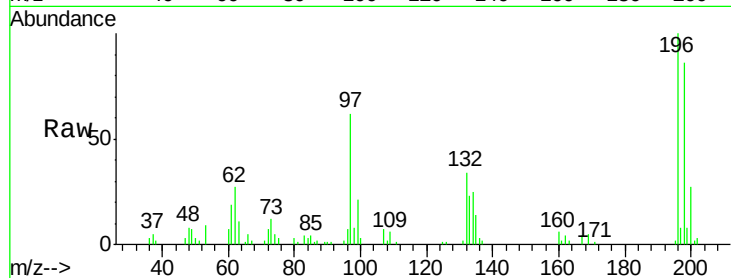




#43
 2,4,5-Trichlorophenol
 Concen: 40.39 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

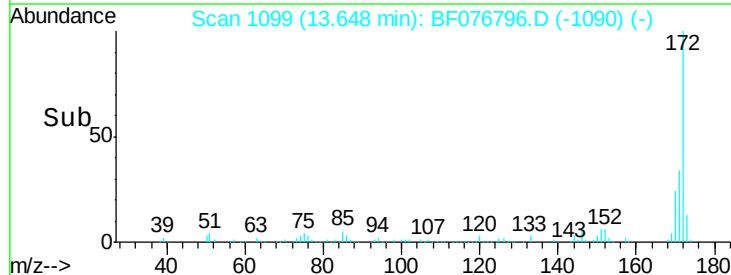
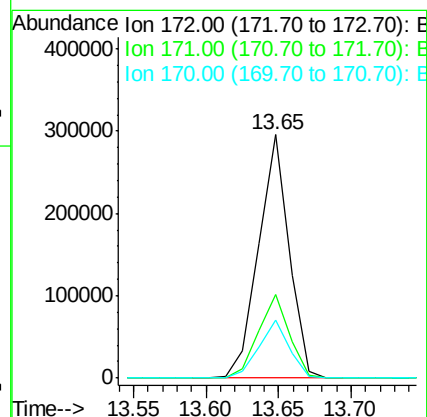
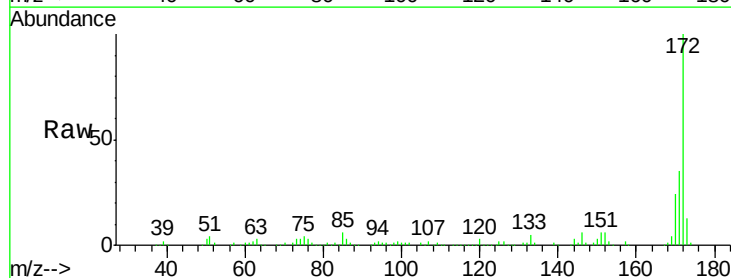
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

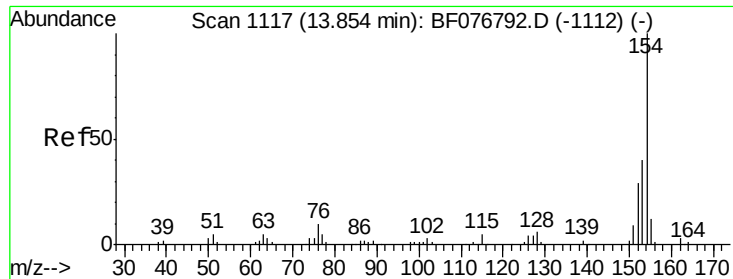
Tgt Ion:196 Resp: 64146
 Ion Ratio Lower Upper
 196 100
 198 85.8 73.8 110.8
 97 62.3 41.3 61.9#
 132 33.8 23.4 35.2



#44
 2-Fluorobiphenyl
 Concen: 77.56 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:172 Resp: 431519
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 23.7 18.8 28.2

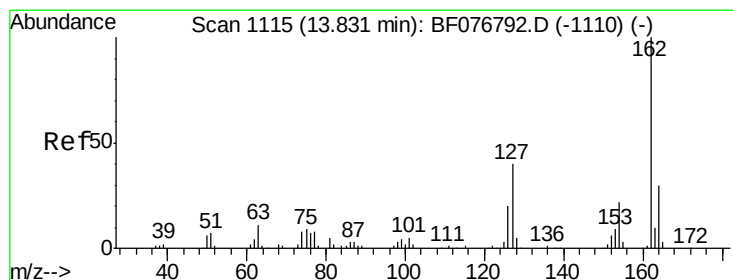
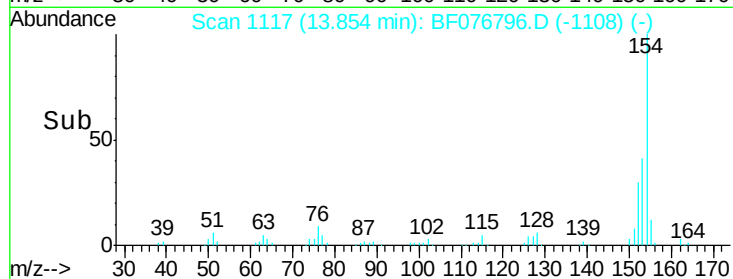
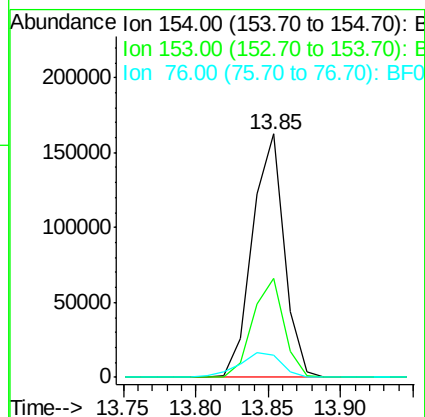
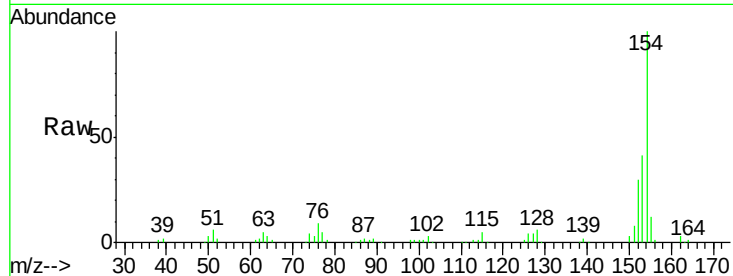




#45
 1,1'-Biphenyl
 Concen: 39.05 ng
 RT: 13.85 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

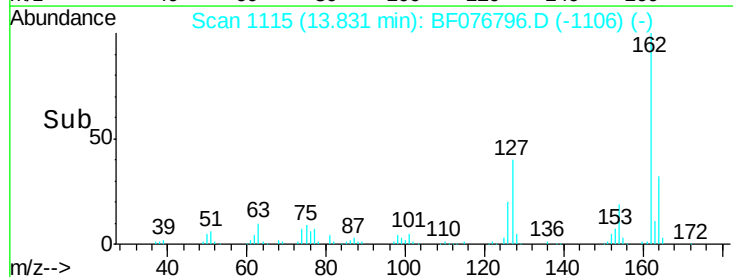
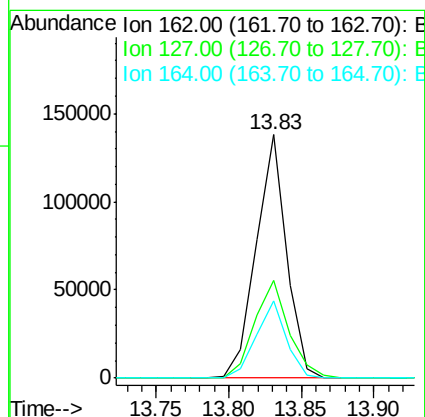
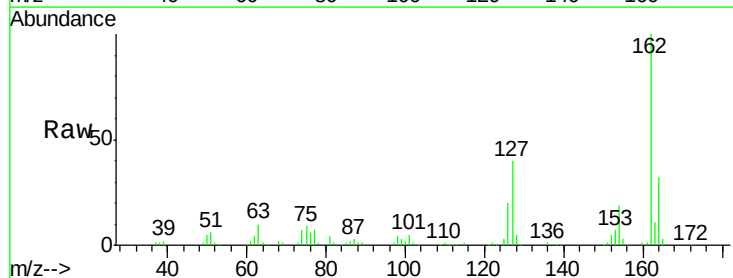
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

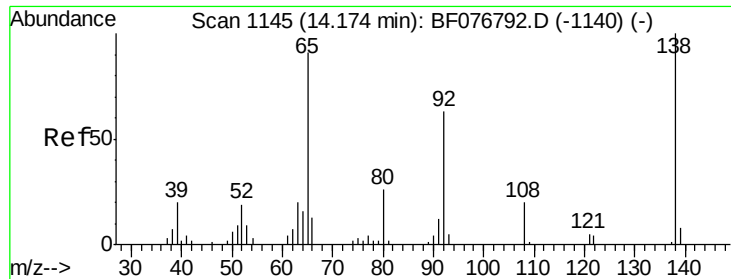
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.9	59.9
76	8.9	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 39.33 ng
 RT: 13.83 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.8	47.6
164	31.7	24.1	36.1

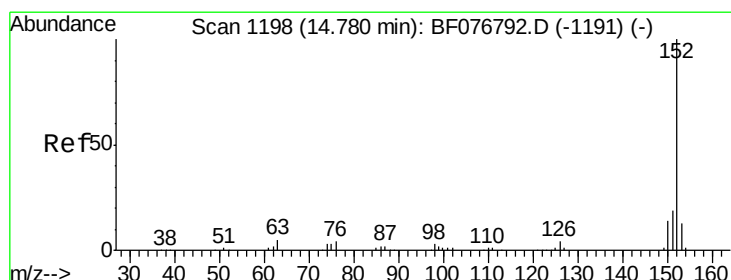
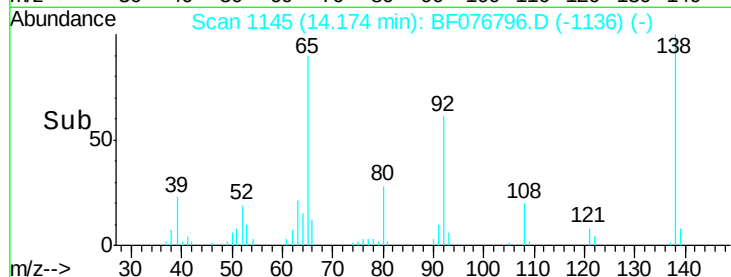
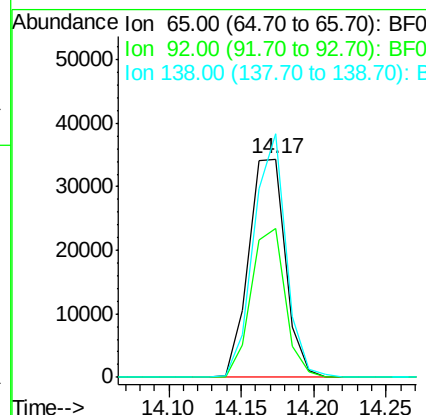
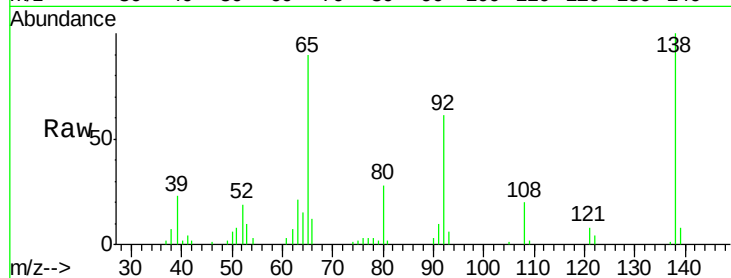




#47
2-Nitroaniline
Concen: 38.72 ng
RT: 14.17 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

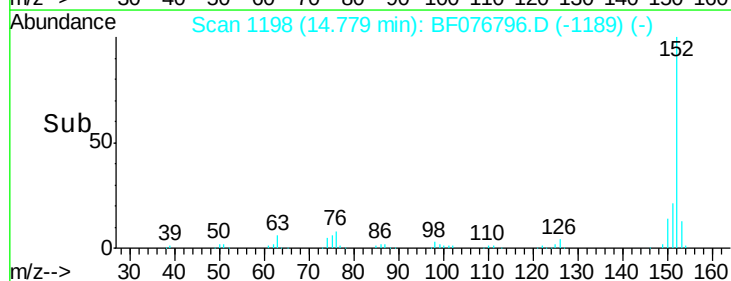
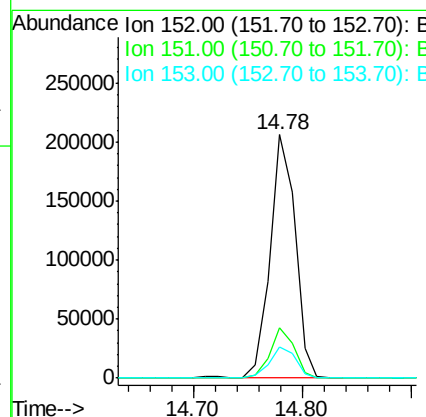
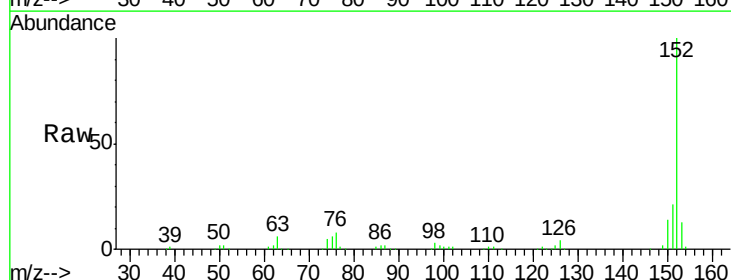
Instrument :
BNA_F
ClientSampleId :
ICVBF010915

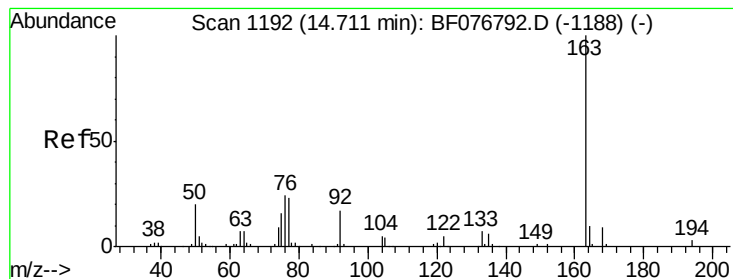
Tgt Ion: 65 Resp: 60589
Ion Ratio Lower Upper
65 100
92 68.0 56.0 84.0
138 111.4 88.2 132.4



#48
Acenaphthylene
Concen: 38.73 ng
RT: 14.78 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Tgt Ion: 152 Resp: 335125
Ion Ratio Lower Upper
152 100
151 20.6 15.2 22.8
153 13.0 10.5 15.7





#49

Dimethylphthalate

Concen: 39.99 ng

RT: 14.72 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

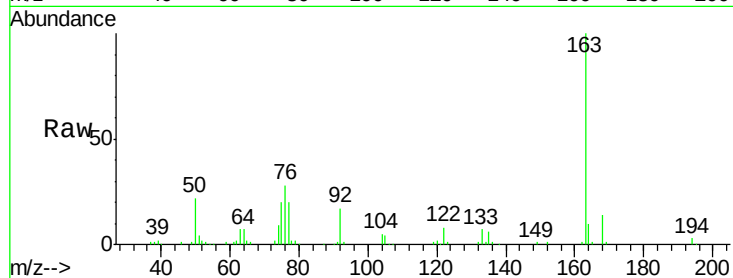
Tgt Ion:163 Resp: 237699

Ion Ratio Lower Upper

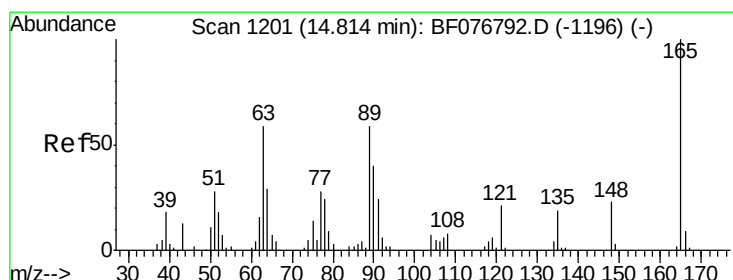
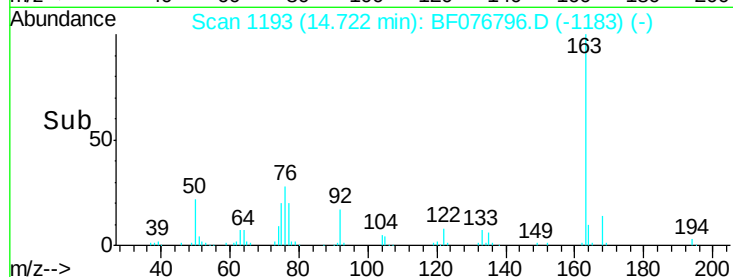
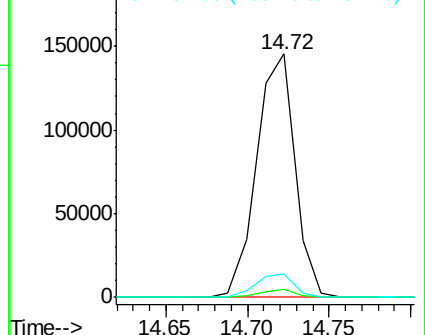
163 100

194 3.2 2.3 3.5

164 9.7 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: 37.28 ng

RT: 14.81 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

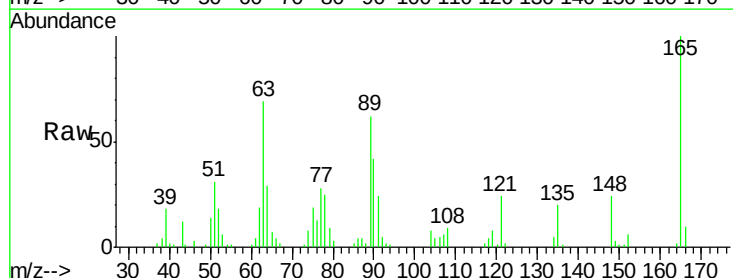
Tgt Ion:165 Resp: 46514

Ion Ratio Lower Upper

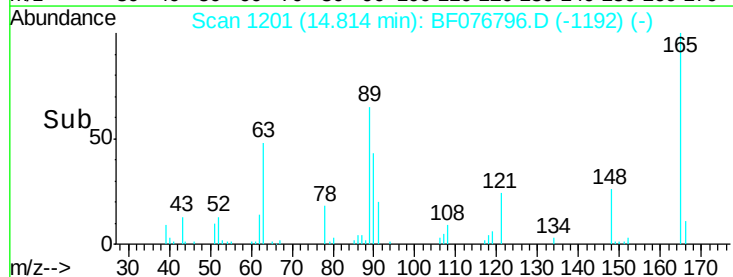
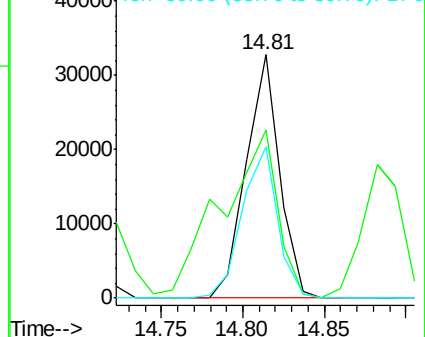
165 100

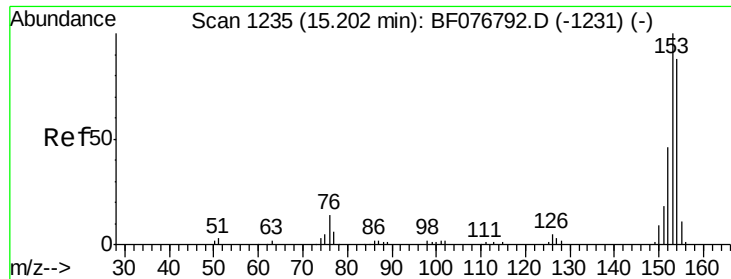
63 69.3 49.8 74.8

89 62.1 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: 38.18 ng

RT: 15.21 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

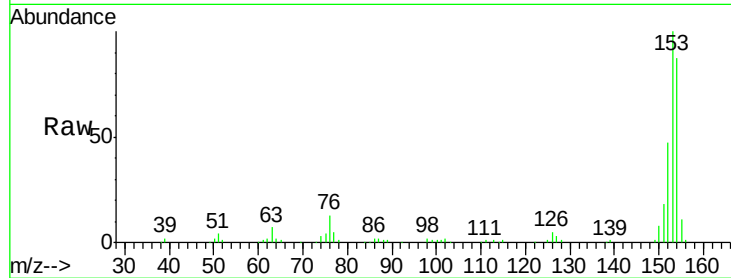
Tgt Ion:154 Resp: 186580

Ion Ratio Lower Upper

154 100

153 115.3 91.0 136.6

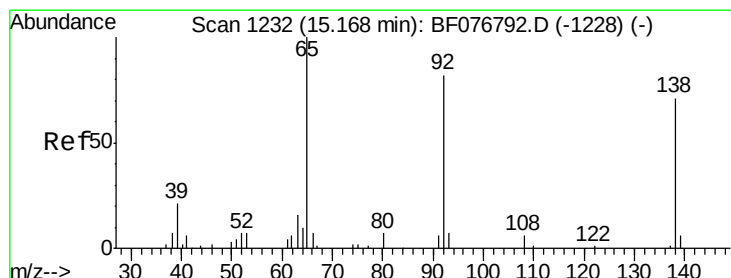
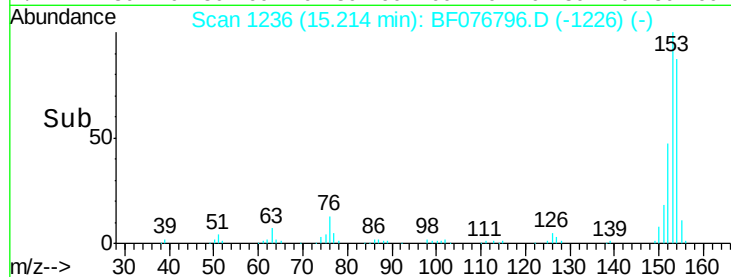
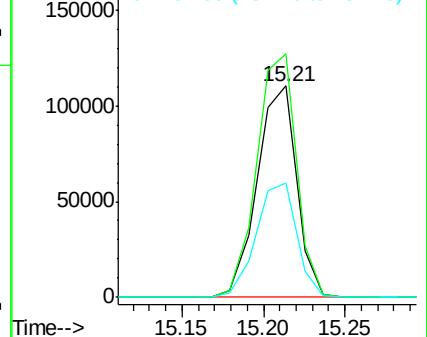
152 54.2 42.2 63.2



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: 38.36 ng

RT: 15.17 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

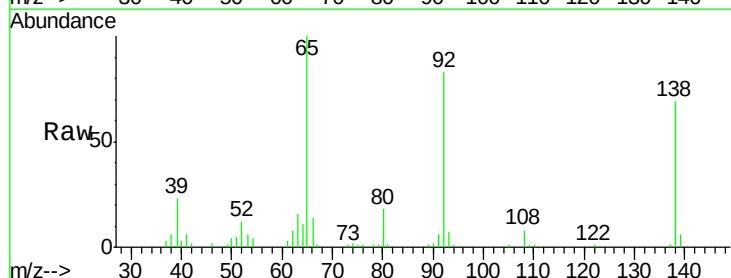
Tgt Ion:138 Resp: 54699

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

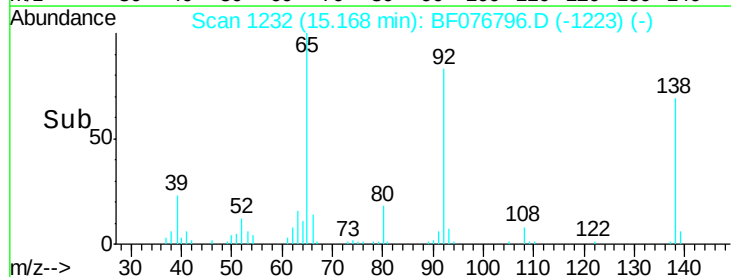
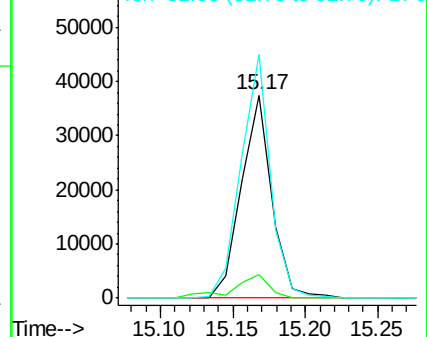
92 120.1 92.0 138.0

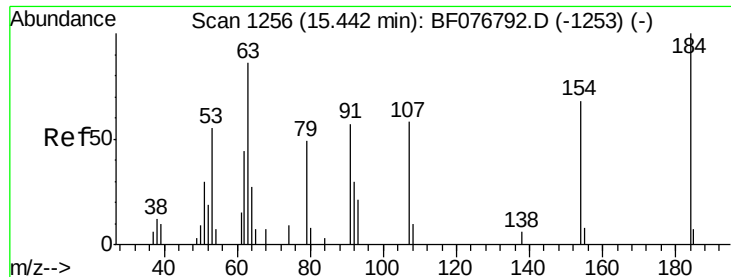


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 39.35 ng

RT: 15.44 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

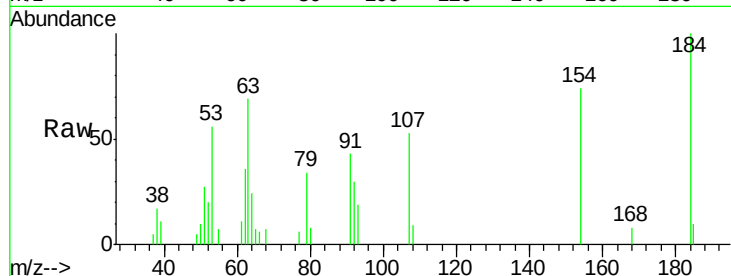
Tgt Ion:184 Resp: 12510

Ion Ratio Lower Upper

184 100

63 68.8 68.6 102.8

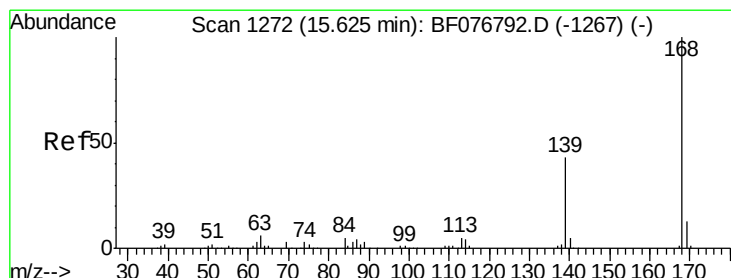
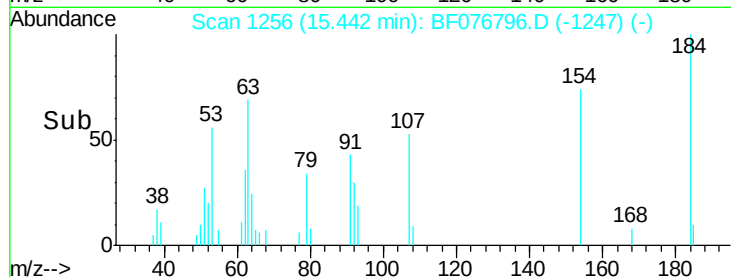
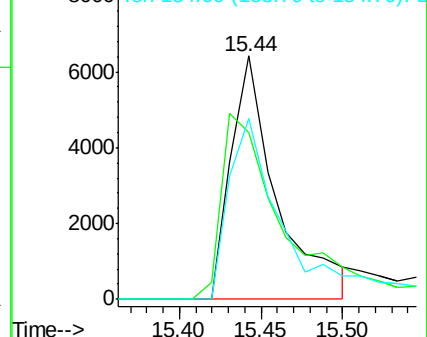
154 74.4 54.8 82.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.13 ng

RT: 15.63 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

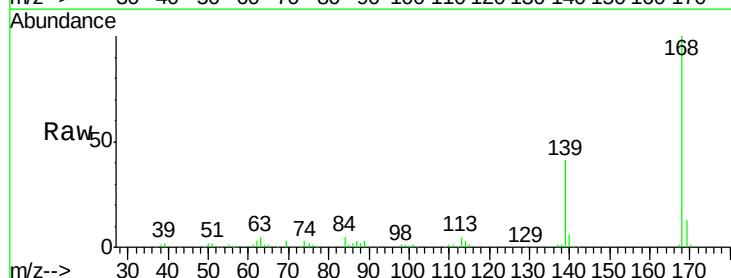
Tgt Ion:168 Resp: 283851

Ion Ratio Lower Upper

168 100

139 41.3 34.2 51.4

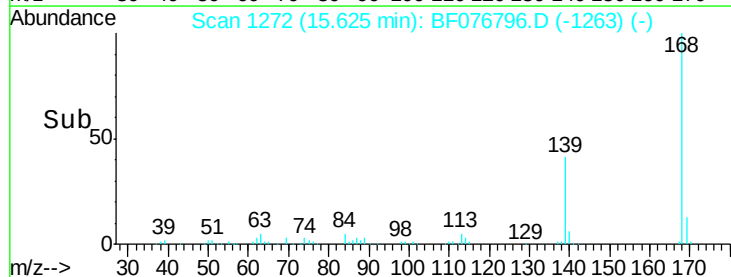
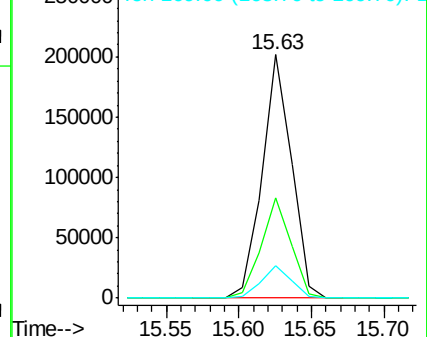
169 13.5 10.5 15.7

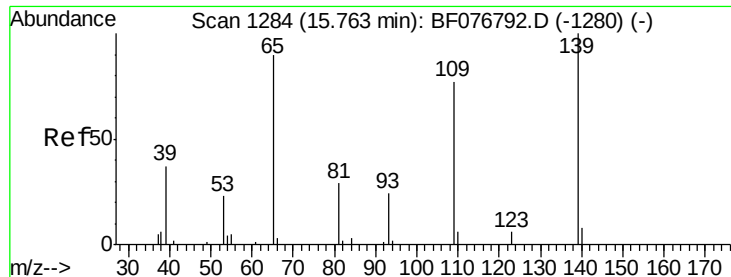


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

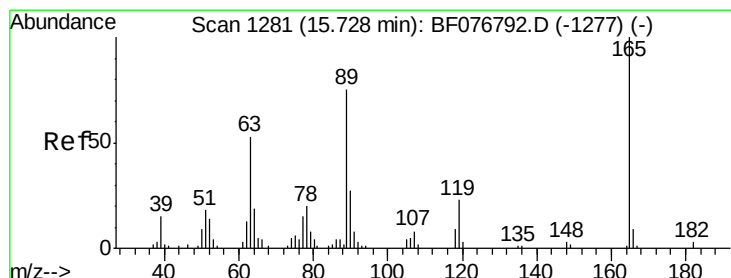
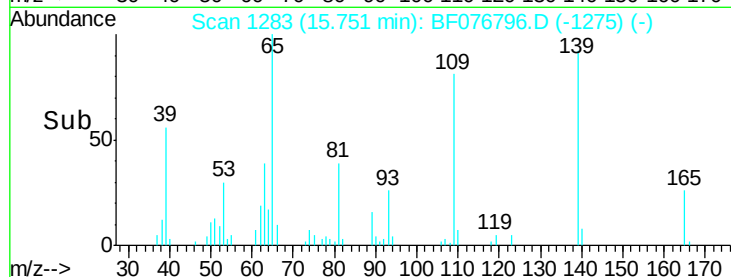
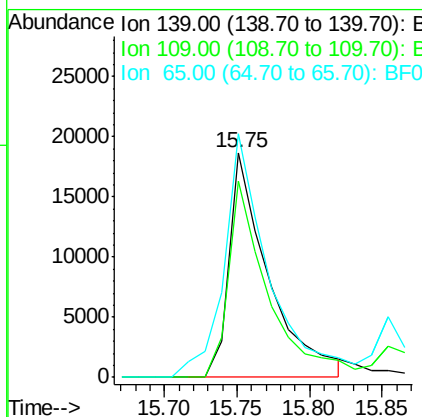
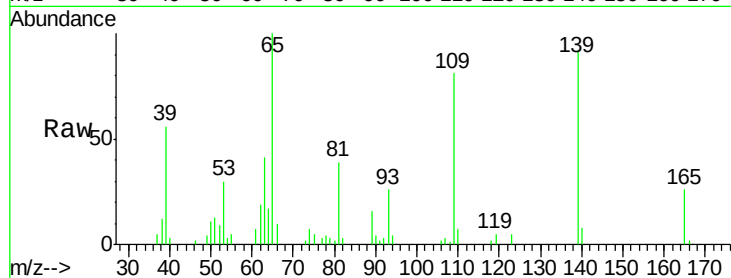




#55
4-Nitrophenol
Concen: 38.43 ng
RT: 15.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

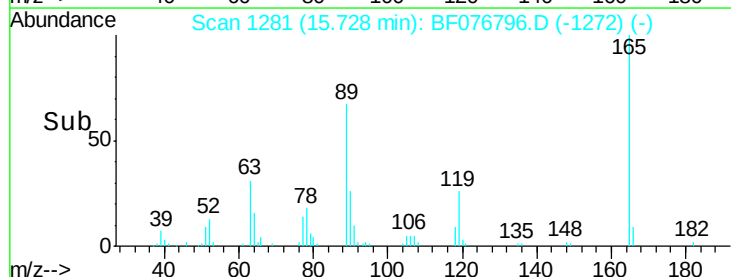
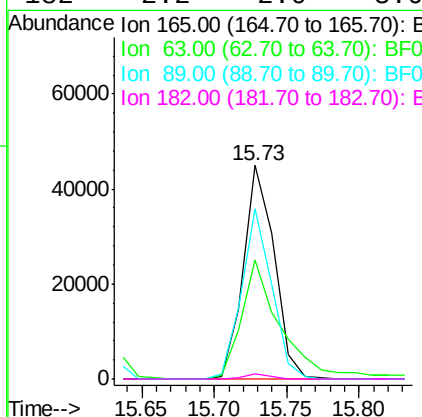
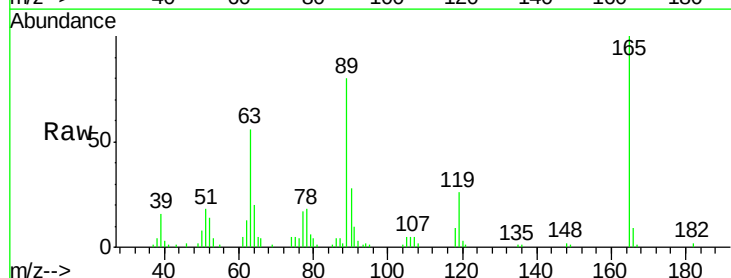
Instrument :
BNA_F
ClientSampleId :
ICVBF010915

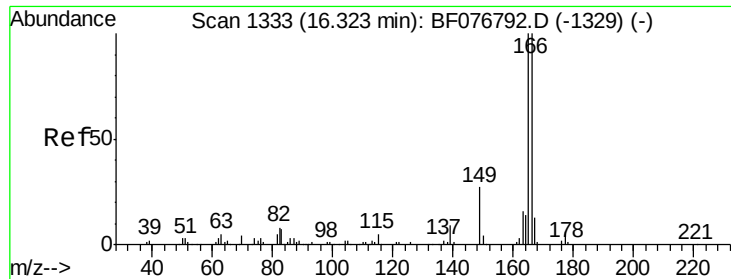
Tgt Ion:139 Resp: 35273
Ion Ratio Lower Upper
139 100
109 87.3 57.5 97.5
65 108.2 77.3 117.3



#56
2,4-Dinitrotoluene
Concen: 39.96 ng
RT: 15.73 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Tgt Ion:165 Resp: 66429
Ion Ratio Lower Upper
165 100
63 55.8 42.5 63.7
89 79.9 60.2 90.2
182 2.2 2.0 3.0

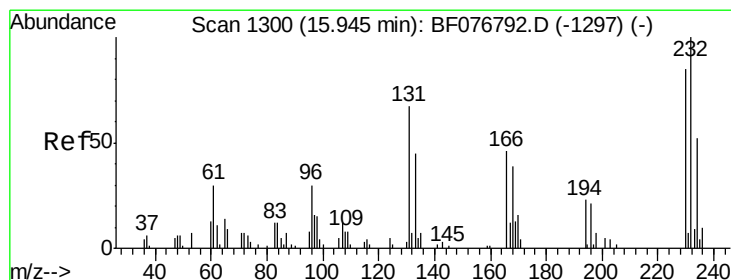
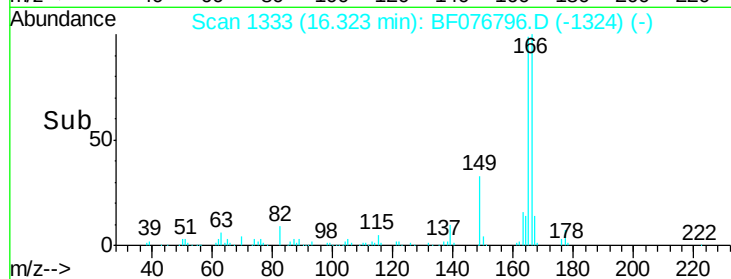
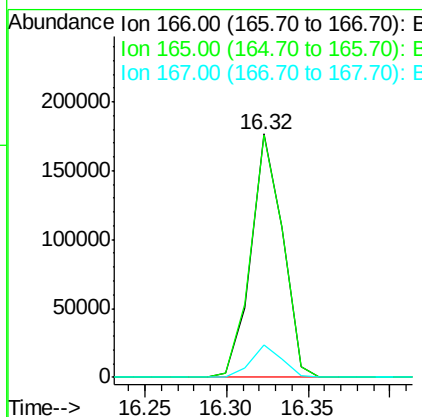
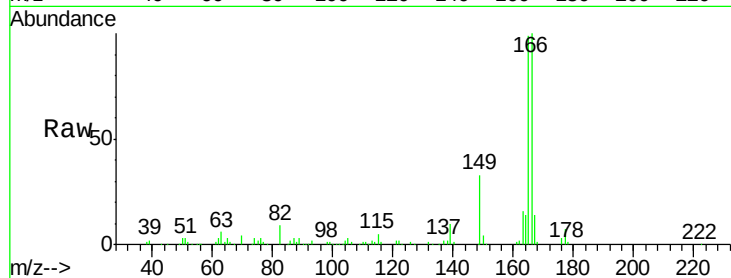




#57
 Fluorene
 Concen: 39.79 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

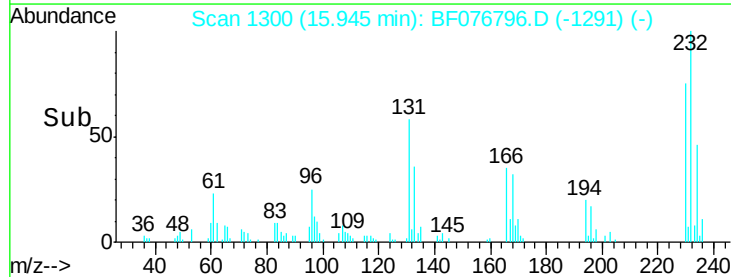
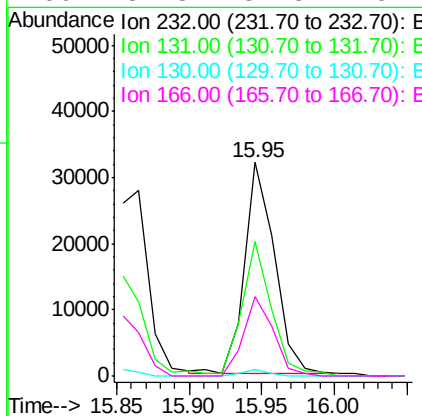
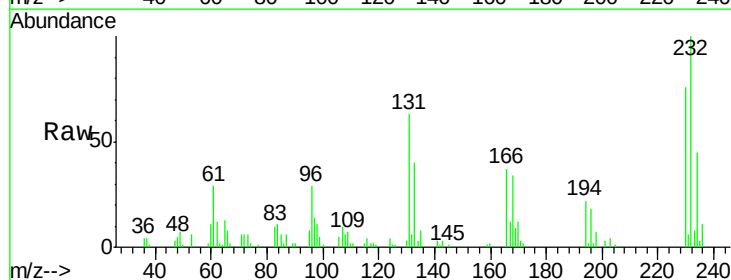
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

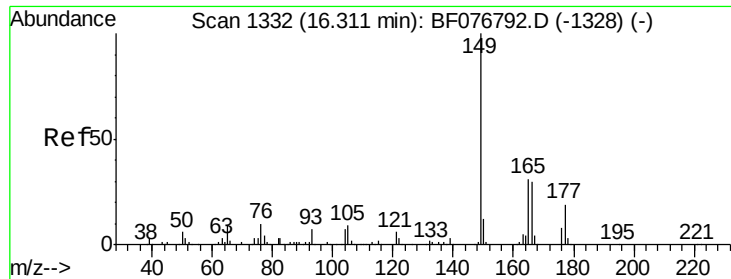
Tgt Ion:166 Resp: 237540
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.6 119.4
 167 13.5 10.2 15.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.00 ng
 RT: 15.95 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:232 Resp: 45373
 Ion Ratio Lower Upper
 232 100
 131 63.4 49.4 74.0
 130 2.5 2.4 3.6
 166 37.8 32.8 49.2





#59

Diethylphthalate

Concen: 39.63 ng

RT: 16.31 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

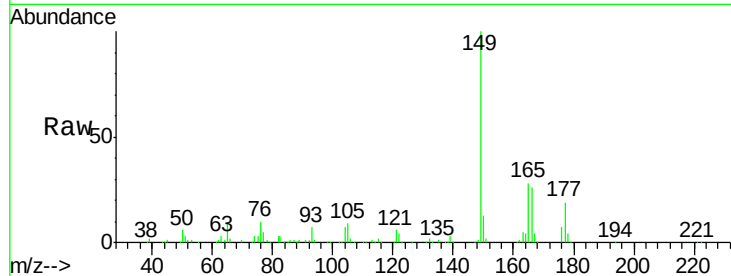
Tgt Ion:149 Resp: 244474

Ion Ratio Lower Upper

149 100

177 19.3 15.4 23.2

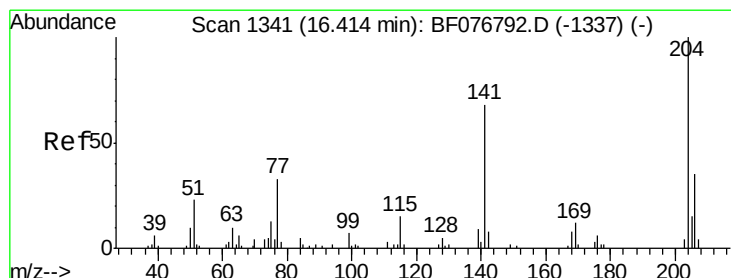
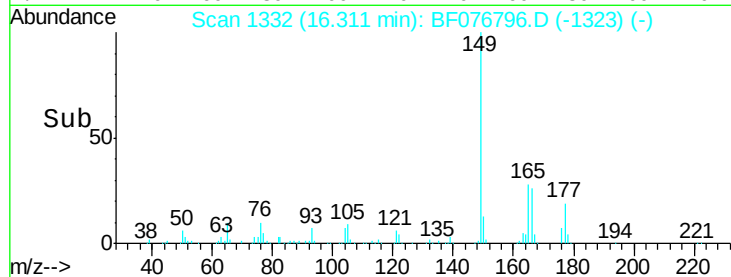
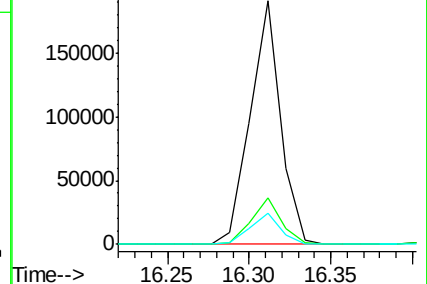
150 12.6 9.4 14.0



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: 38.83 ng

RT: 16.41 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

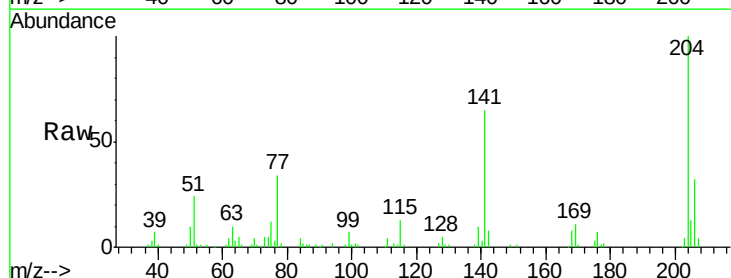
Tgt Ion:204 Resp: 98602

Ion Ratio Lower Upper

204 100

206 32.4 27.7 41.5

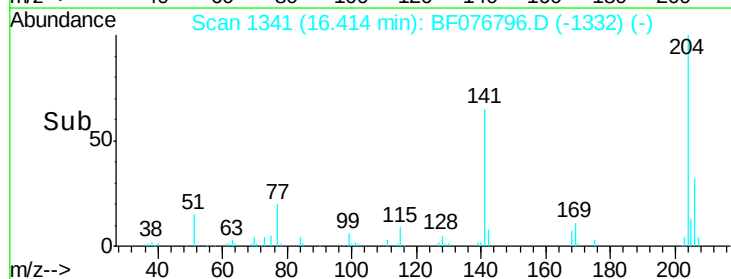
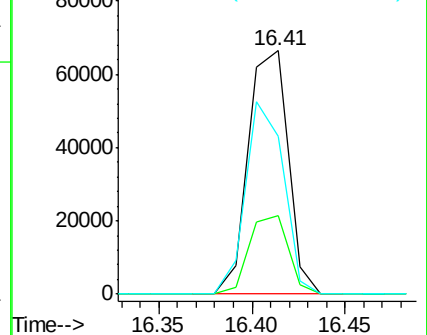
141 64.6 54.6 82.0

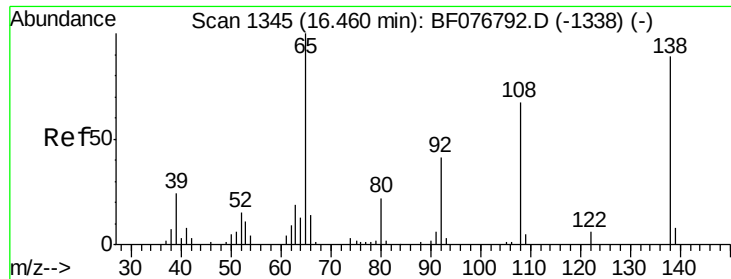


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.32 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

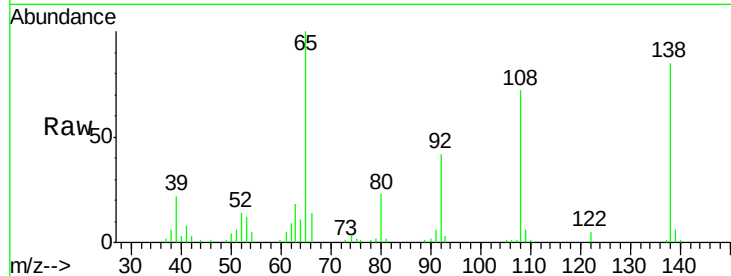
Tgt Ion:138 Resp: 56153

Ion Ratio Lower Upper

138 100

92 49.6 26.3 66.3

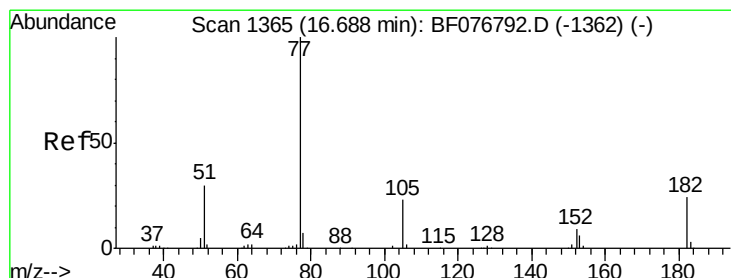
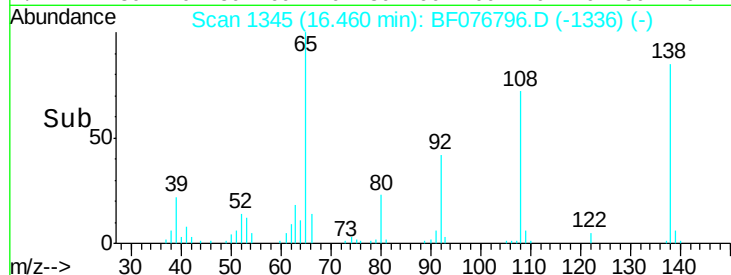
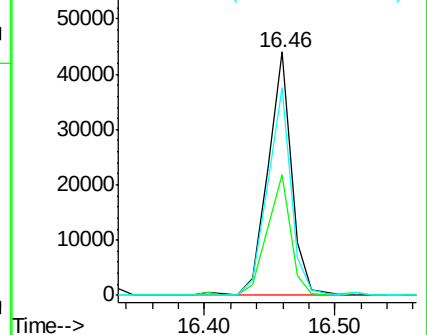
108 85.5 54.5 94.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.30 ng

RT: 16.69 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Tgt Ion: 77 Resp: 251089

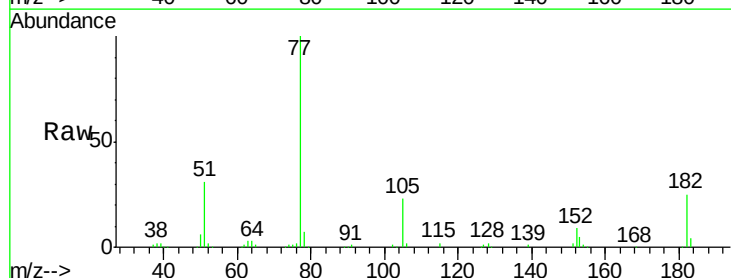
Ion Ratio Lower Upper

77 100

182 24.8 3.7 43.7

105 23.2 2.7 42.7

51 31.1 11.8 51.8

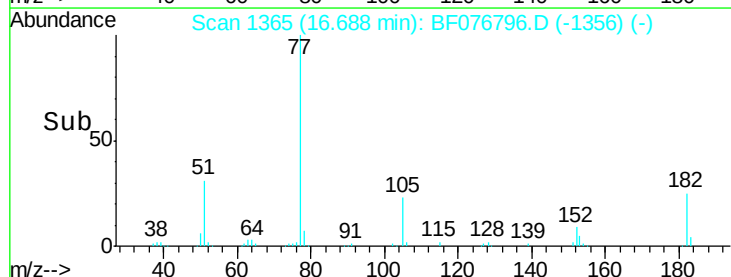
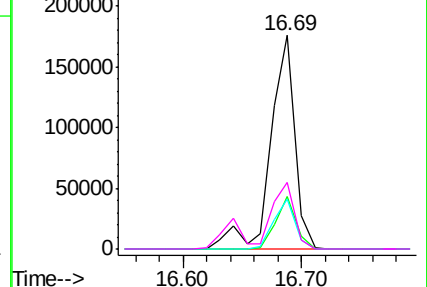


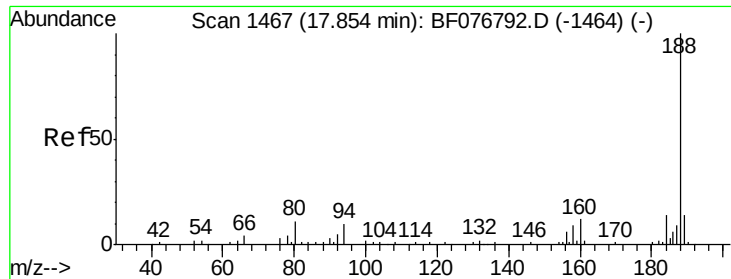
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

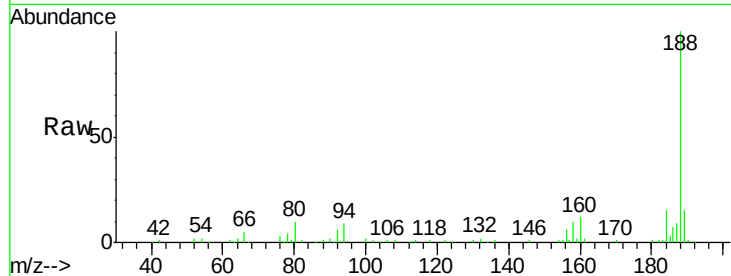




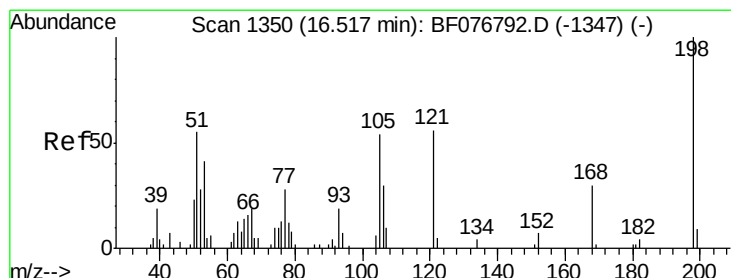
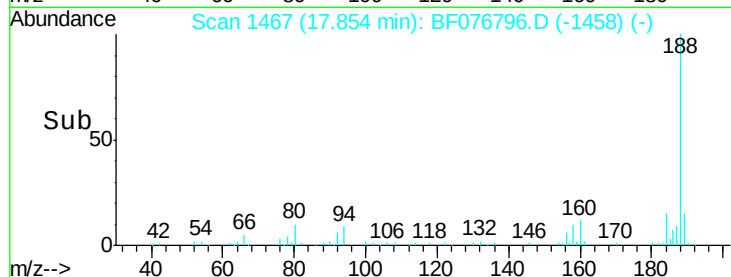
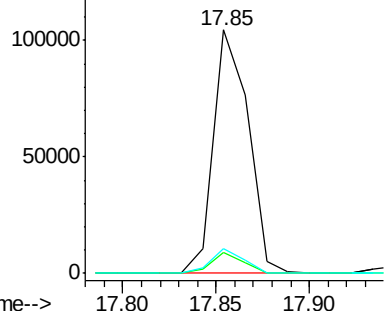
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

Tgt Ion:188 Resp: 135289
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.8 11.6
 80 10.3 8.6 13.0

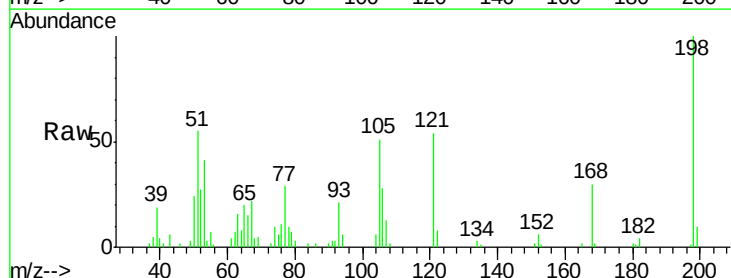


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

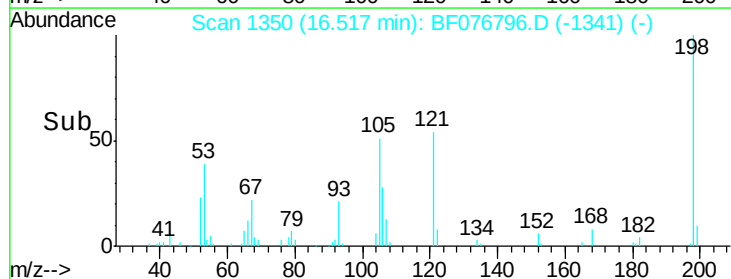
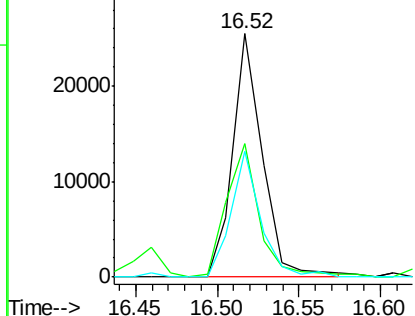


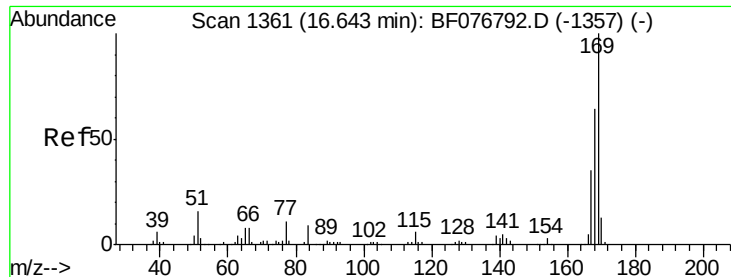
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.63 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:198 Resp: 31953
 Ion Ratio Lower Upper
 198 100
 51 54.8 35.2 75.2
 105 51.5 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: 38.58 ng

RT: 16.64 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

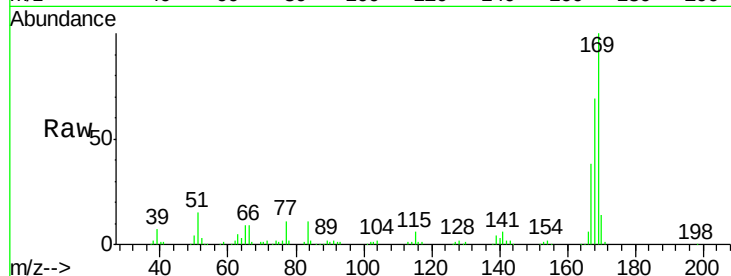
Tgt Ion:169 Resp: 192771

Ion Ratio Lower Upper

169 100

168 68.6 51.2 76.8

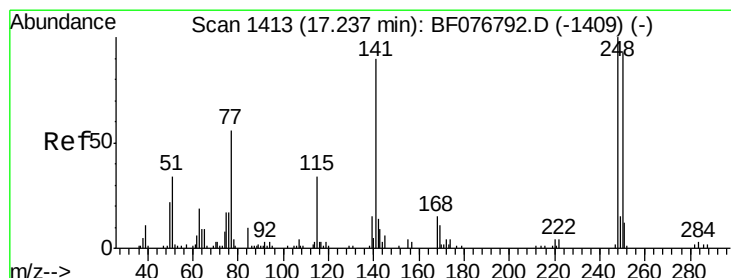
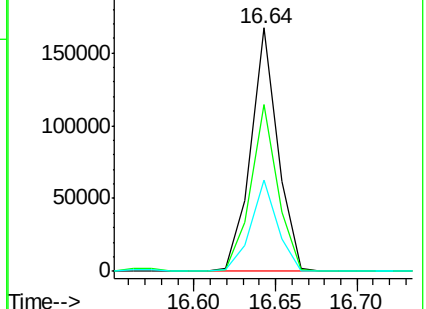
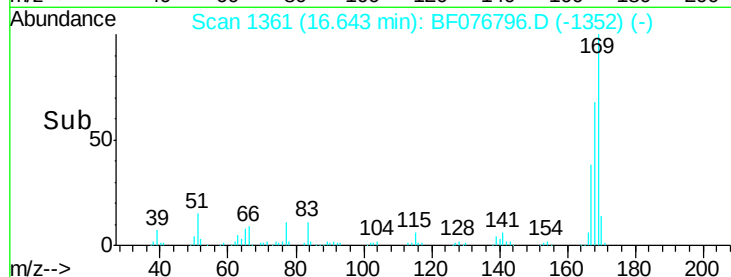
167 37.7 28.2 42.2



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: 40.75 ng

RT: 17.24 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

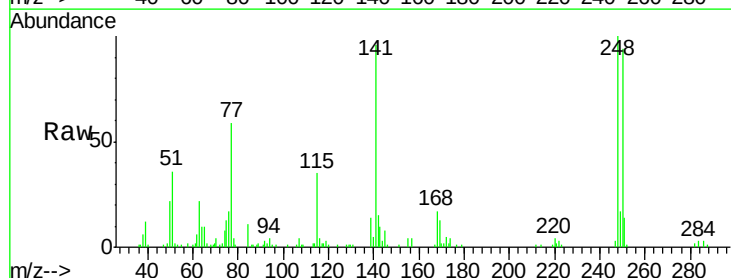
Tgt Ion:248 Resp: 58500

Ion Ratio Lower Upper

248 100

250 93.9 74.7 112.1

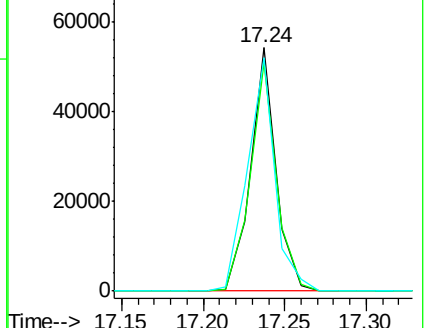
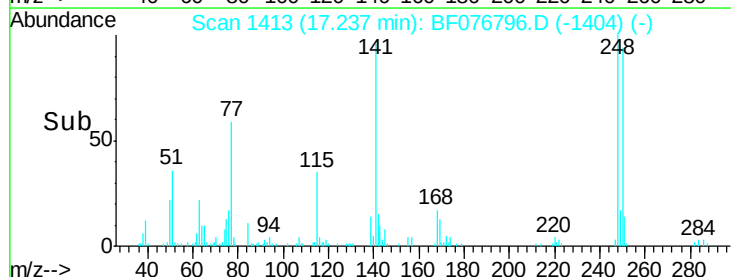
141 96.1 71.8 107.6

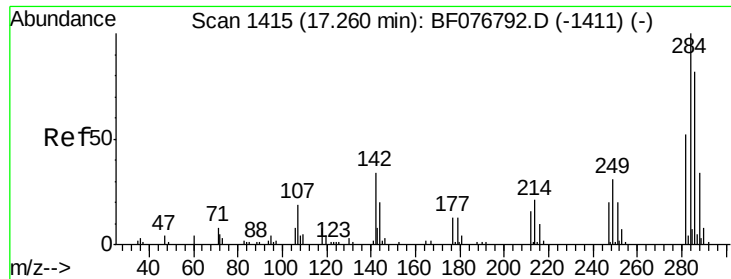


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

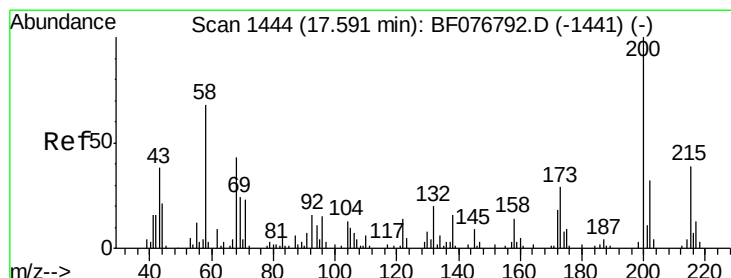
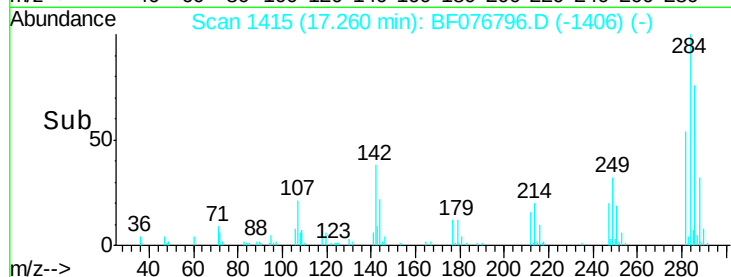
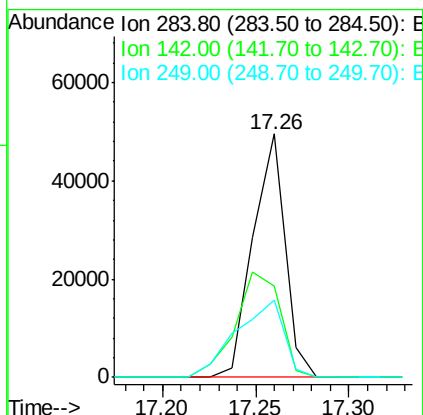
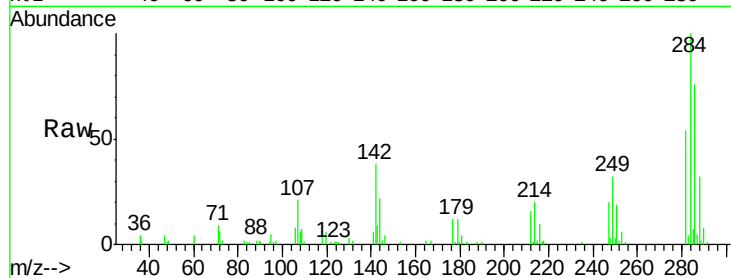




#67
Hexachlorobenzene
Concen: 38.80 ng
RT: 17.26 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

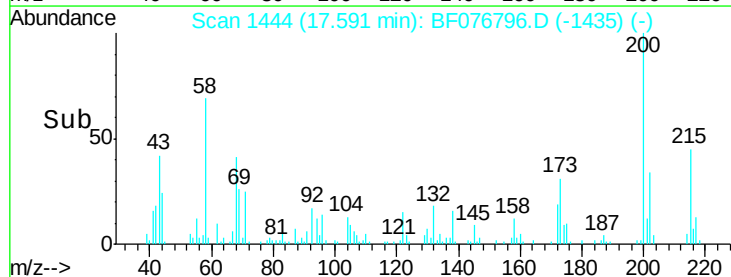
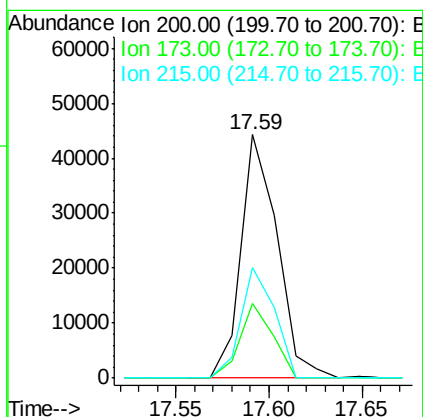
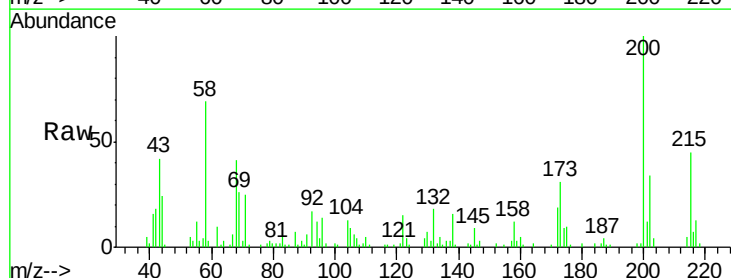
Instrument :
BNA_F
ClientSampleId :
ICVBF010915

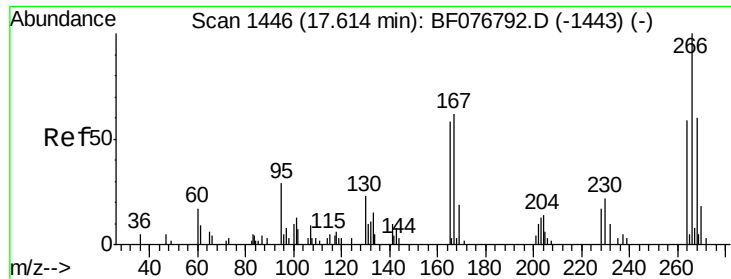
Tgt Ion:284 Resp: 58952
Ion Ratio Lower Upper
284 100
142 37.6 27.5 41.3
249 31.7 24.5 36.7



#68
Atrazine
Concen: 38.83 ng
RT: 17.59 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Tgt Ion:200 Resp: 59926
Ion Ratio Lower Upper
200 100
173 30.8 9.2 49.2
215 45.1 19.2 59.2

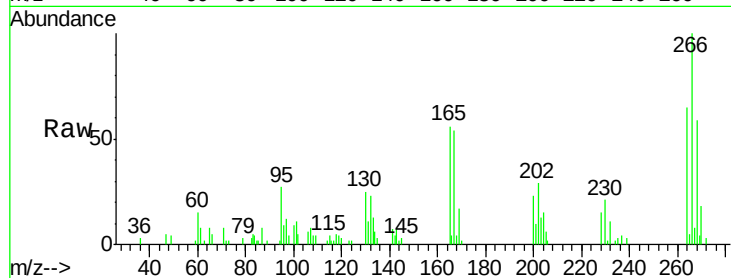




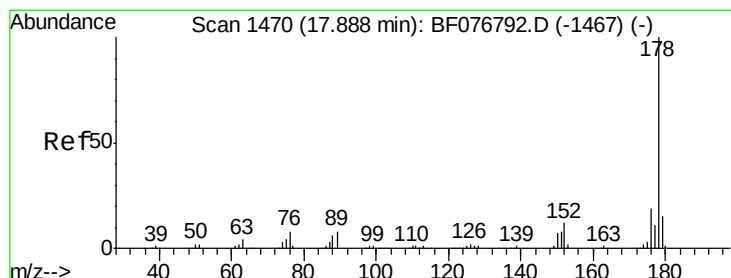
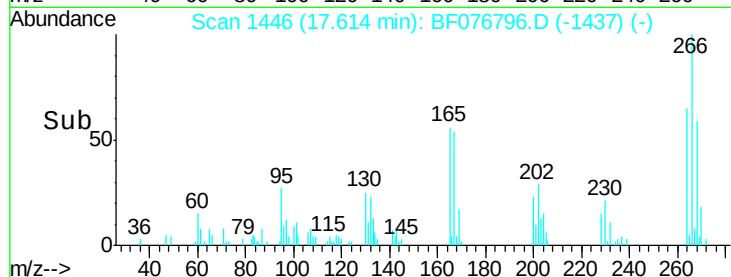
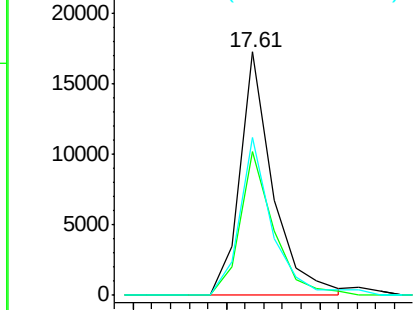
#69
 Pentachlorophenol
 Concen: 39.38 ng
 RT: 17.61 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

Tgt Ion:266 Resp: 21239
 Ion Ratio Lower Upper
 266 100
 268 58.9 48.1 72.1
 264 64.6 47.1 70.7

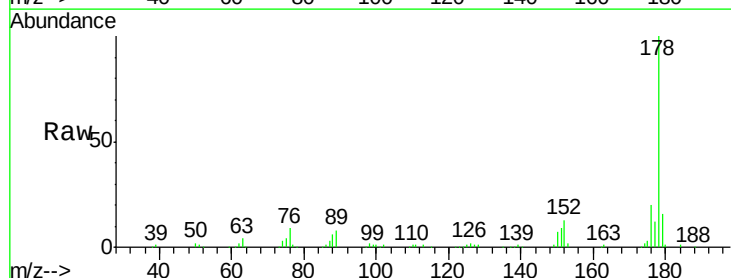


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

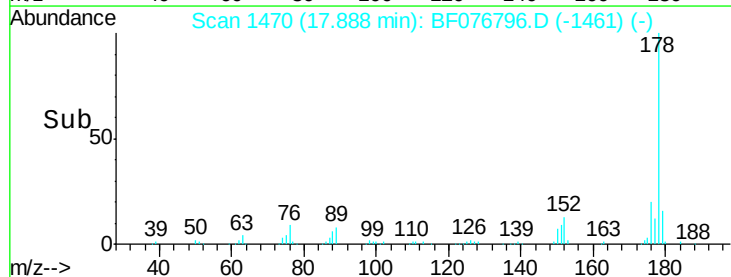
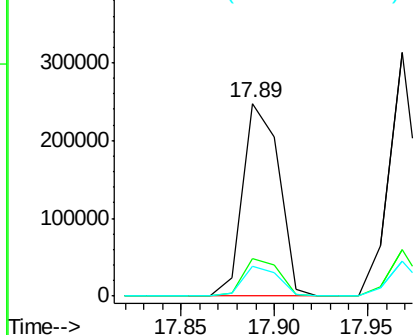


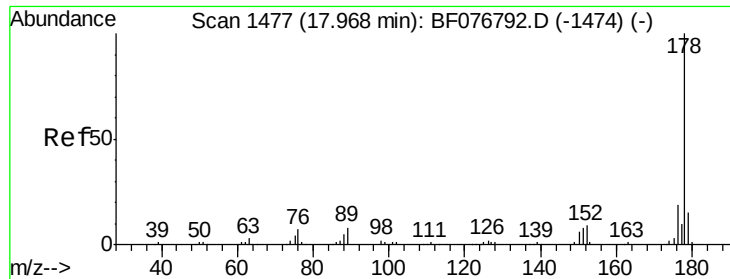
#70
 Phenanthrene
 Concen: 39.15 ng
 RT: 17.89 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:178 Resp: 332041
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 15.6 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

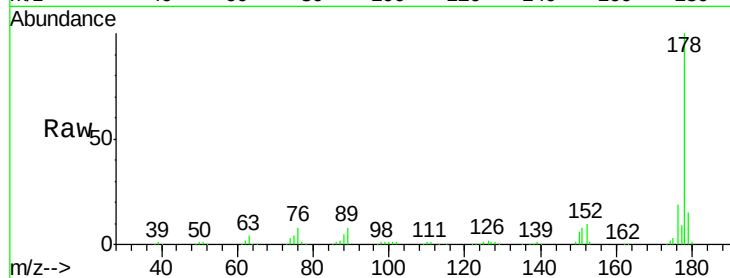




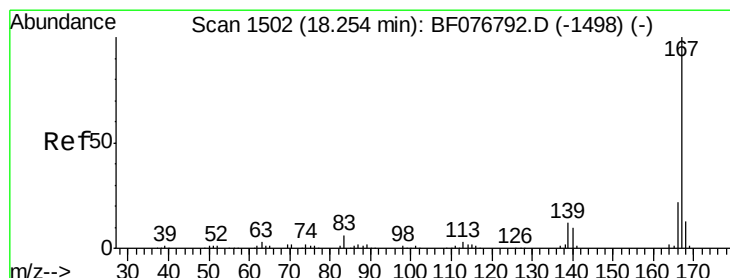
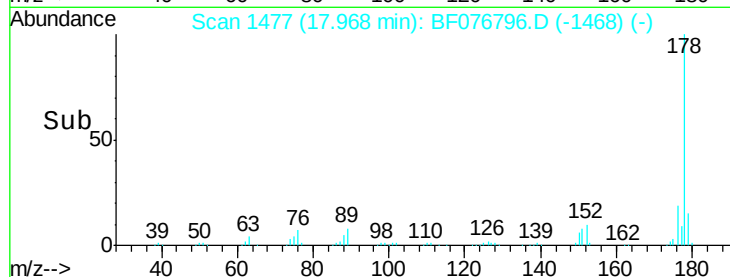
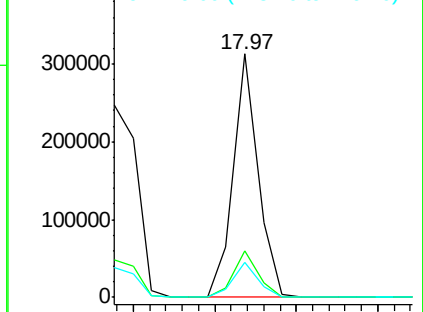
#71
 Anthracene
 Concen: 39.27 ng
 RT: 17.97 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

Tgt Ion:178 Resp: 329031
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 14.5 12.2 18.4

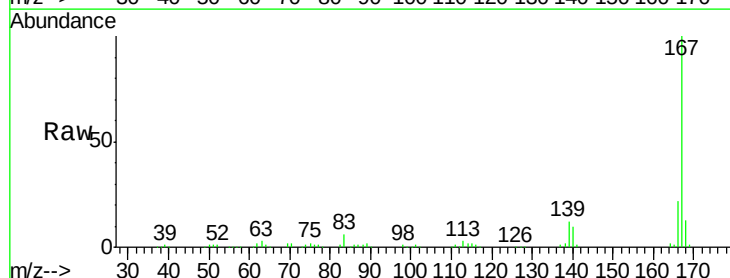


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

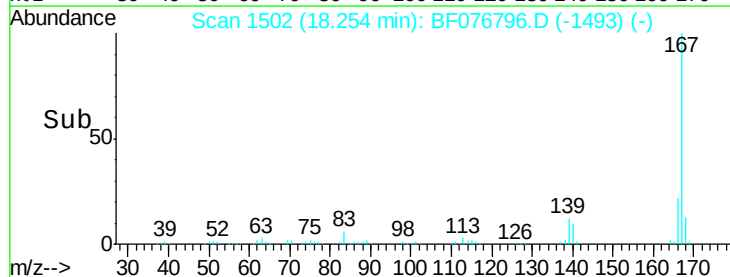
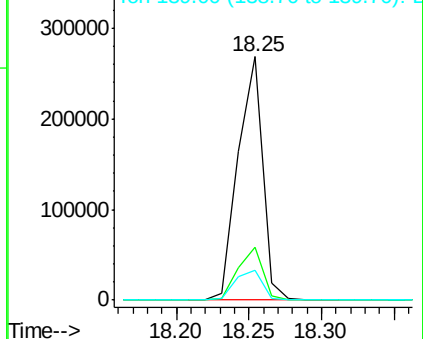


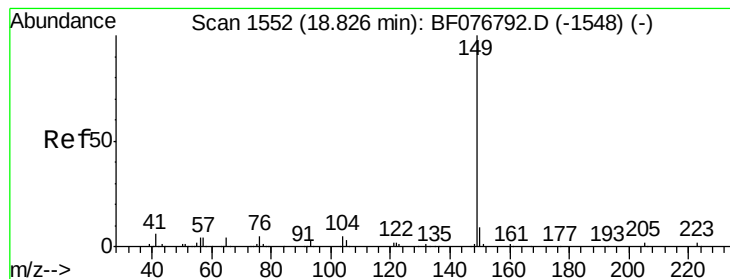
#72
 Carbazole
 Concen: 39.15 ng
 RT: 18.25 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:167 Resp: 316722
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.20 ng

RT: 18.83 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

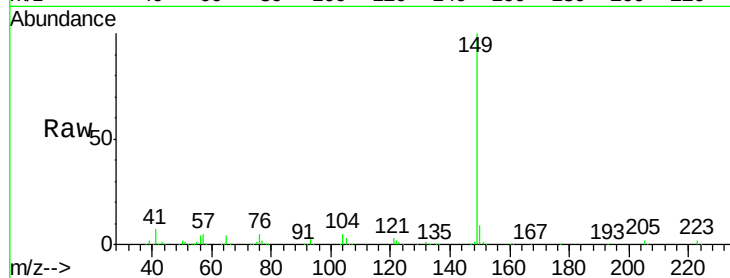
Tgt Ion:149 Resp: 391718

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

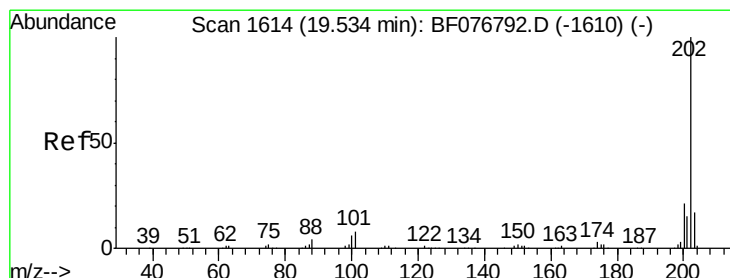
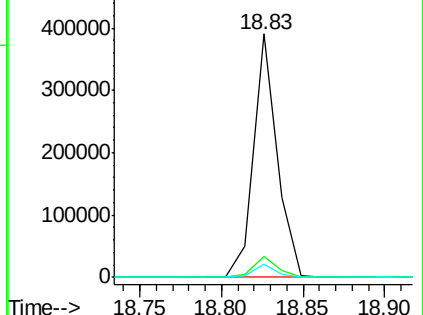
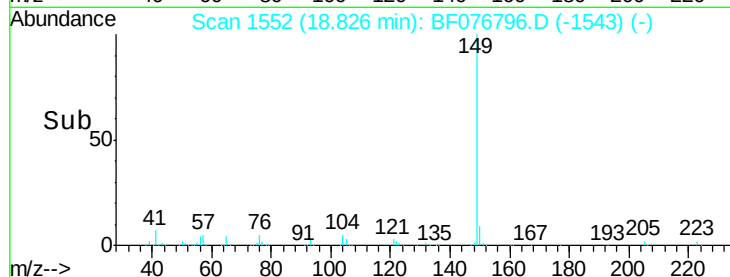
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.70 ng

RT: 19.53 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

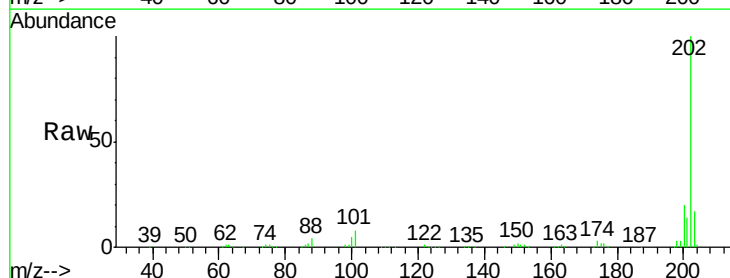
Tgt Ion:202 Resp: 347200

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.0

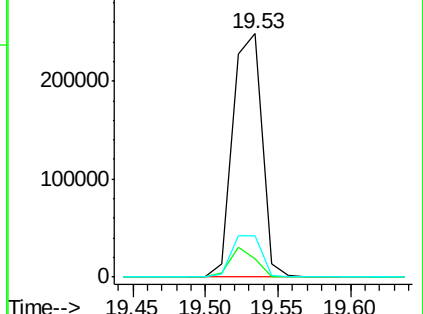
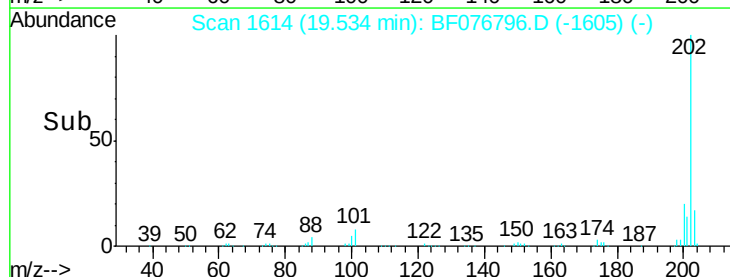
203 17.1 0.0 37.2

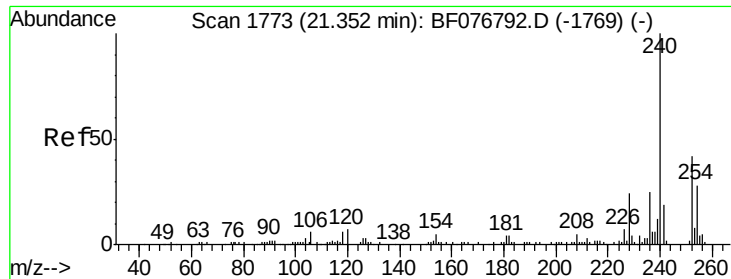


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

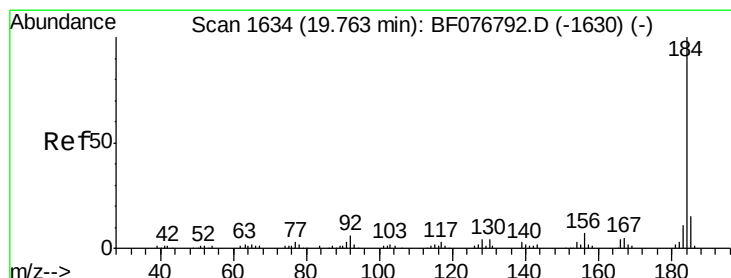
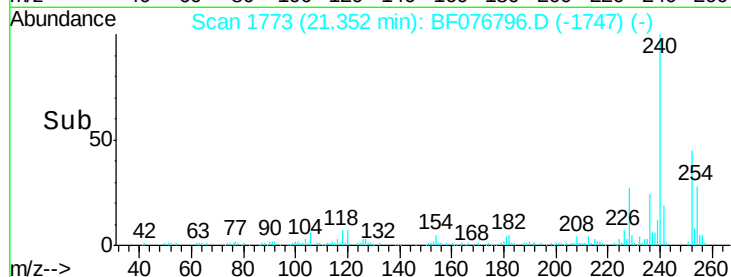
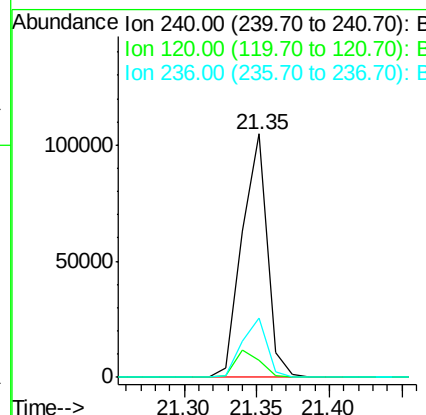
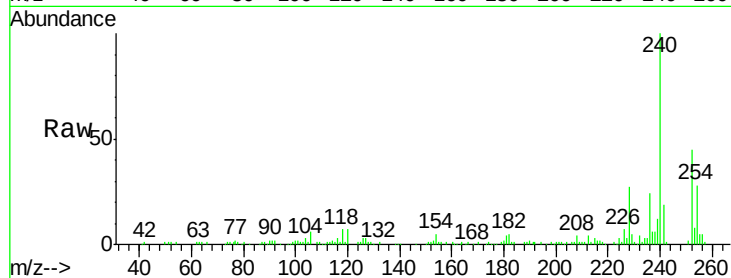




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

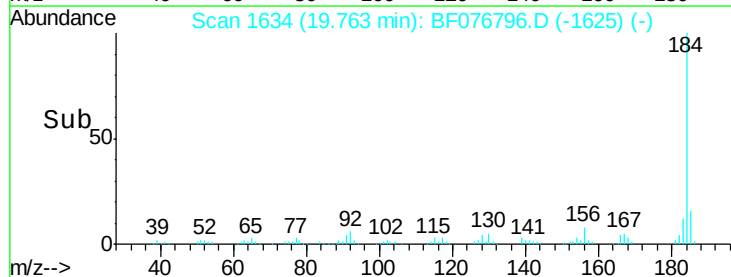
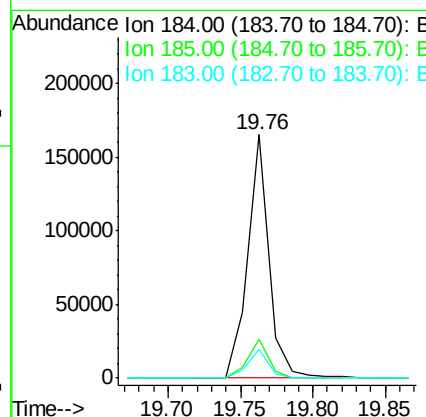
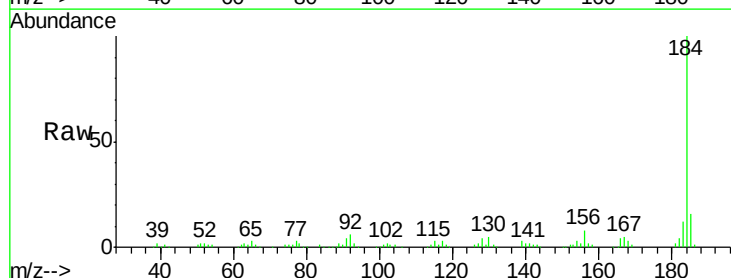
Instrument :
BNA_F
ClientSampleId :
ICVBF010915

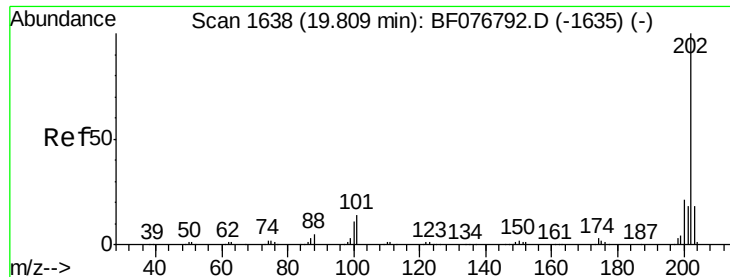
Tgt Ion:240 Resp: 125748
Ion Ratio Lower Upper
240 100
120 7.2 5.7 8.5
236 24.3 19.7 29.5



#76
Benzidine
Concen: 43.11 ng
RT: 19.76 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Tgt Ion:184 Resp: 169923
Ion Ratio Lower Upper
184 100
185 15.8 12.3 18.5
183 11.8 8.7 13.1

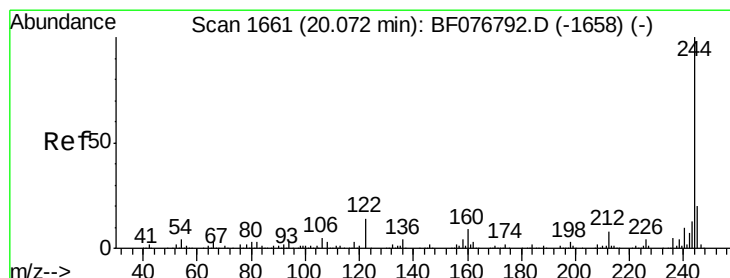
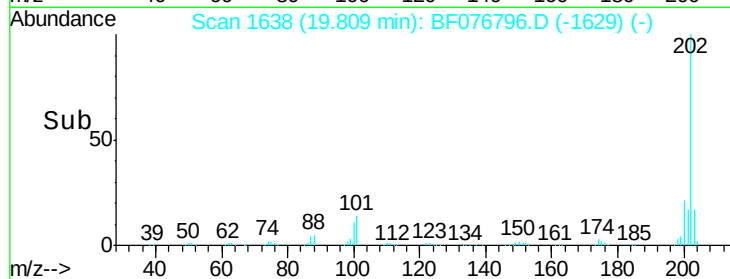
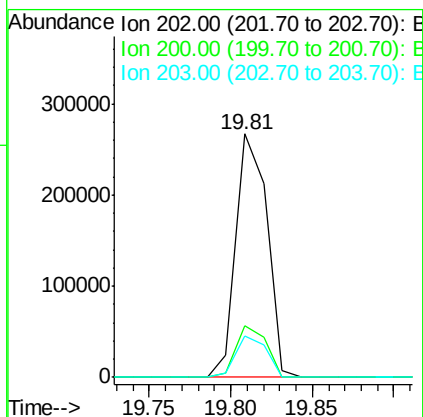
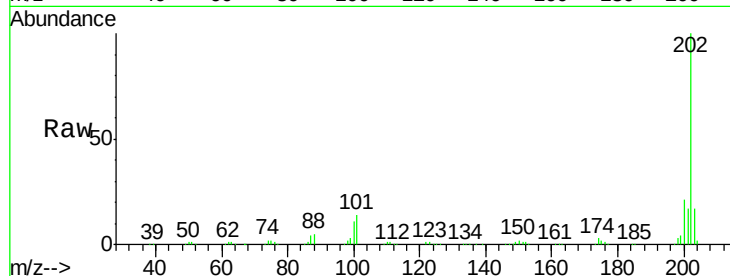




#77
 Pyrene
 Concen: 38.06 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

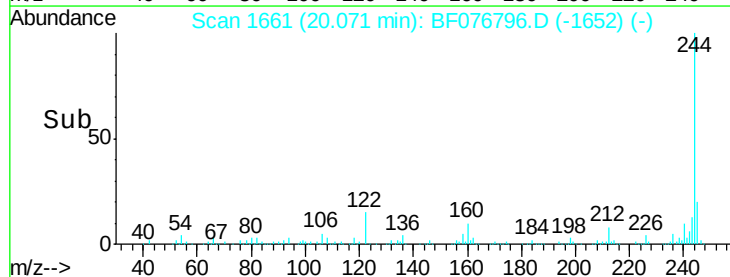
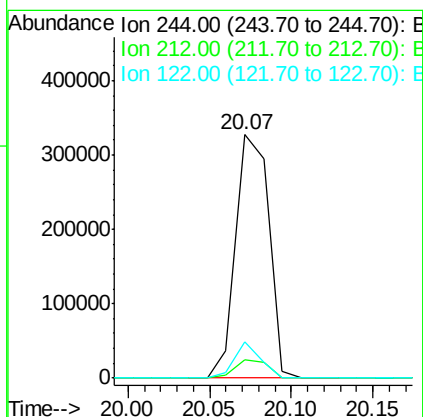
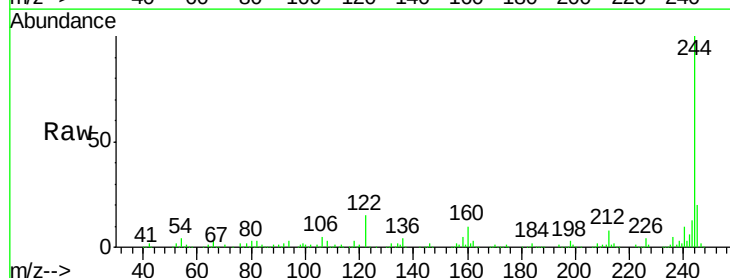
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

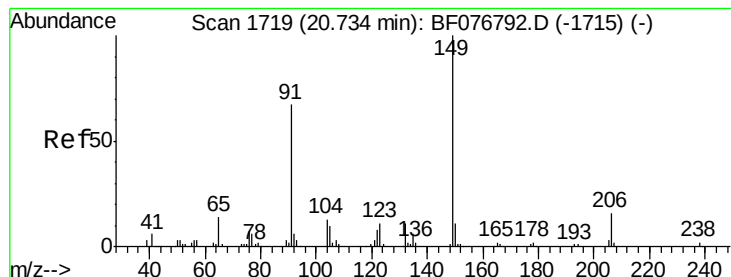
Tgt Ion: 202 Resp: 350661
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 17.0 14.6 22.0



#78
 Terphenyl-d14
 Concen: 78.57 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion: 244 Resp: 458665
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.9 11.3 16.9





#79

Butylbenzylphthalate

Concen: 41.21 ng

RT: 20.73 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

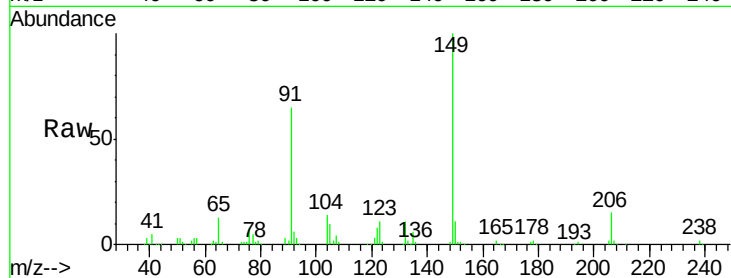
Tgt Ion:149 Resp: 176171

Ion Ratio Lower Upper

149 100

91 64.8 53.3 79.9

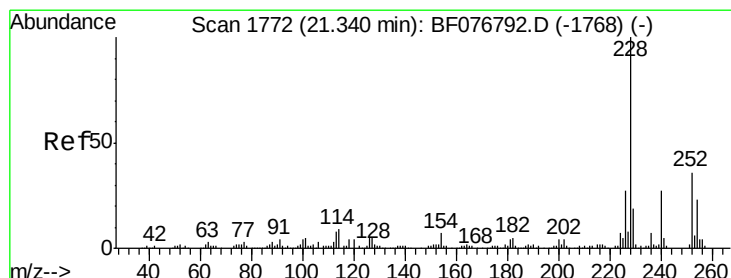
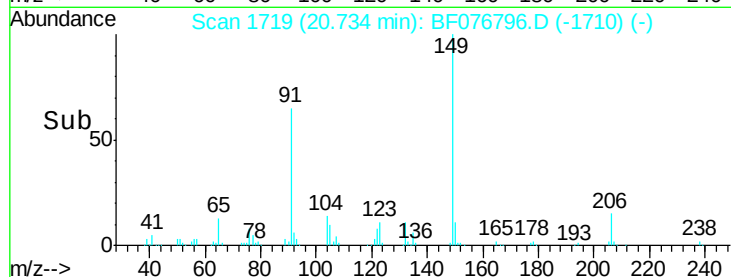
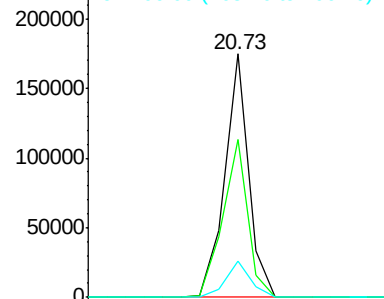
206 15.0 12.6 18.8



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: 40.07 ng

RT: 21.34 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

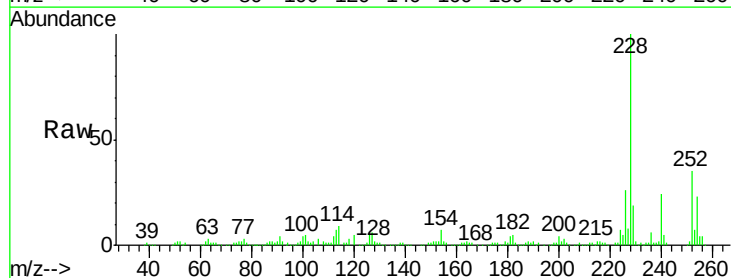
Tgt Ion:228 Resp: 327049

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.0

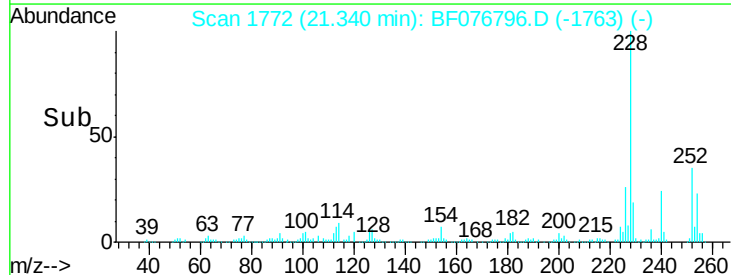
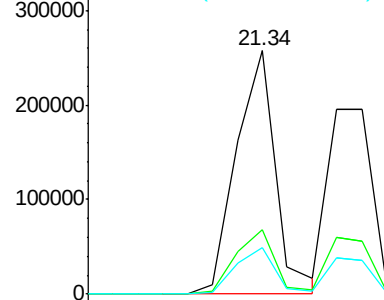
229 19.0 15.0 22.4

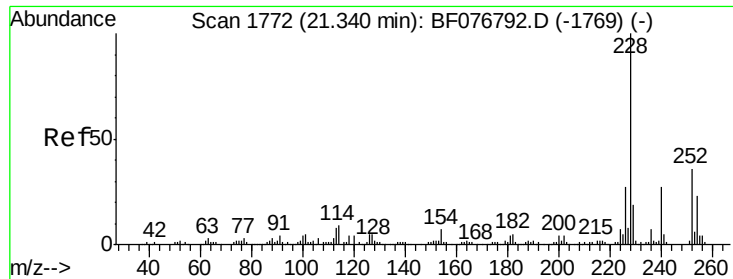


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

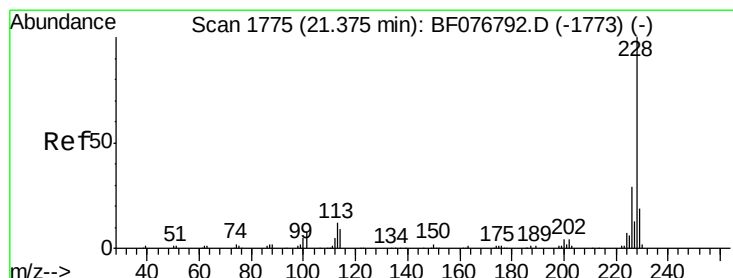
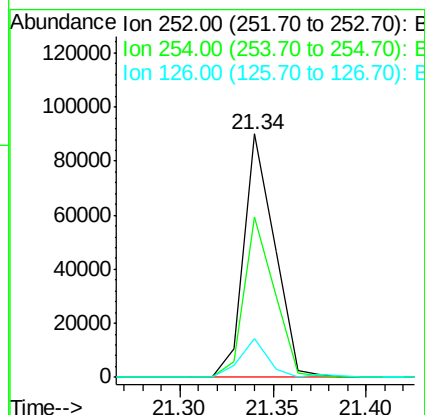
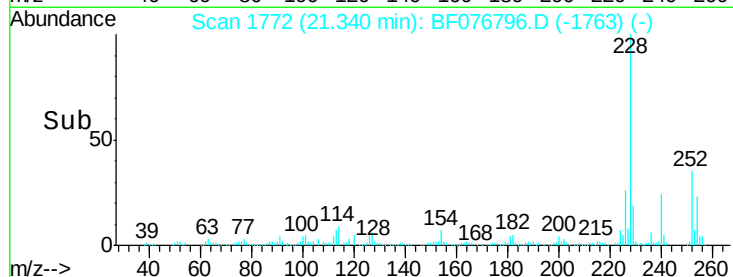
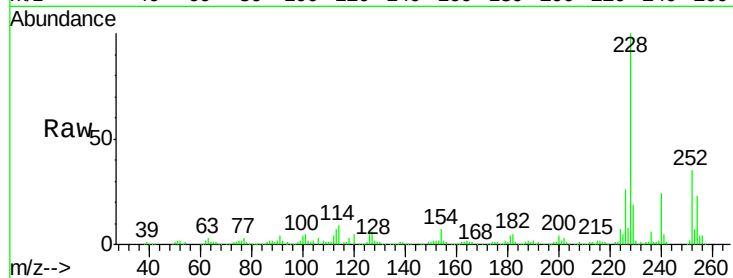




#81
 3,3'-Dichlorobenzidine
 Concen: 39.79 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

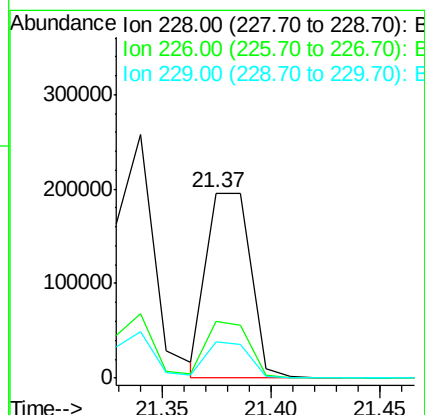
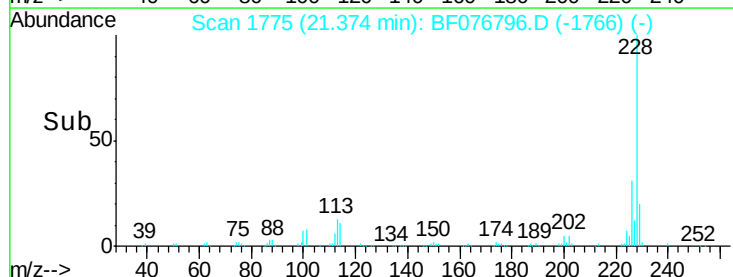
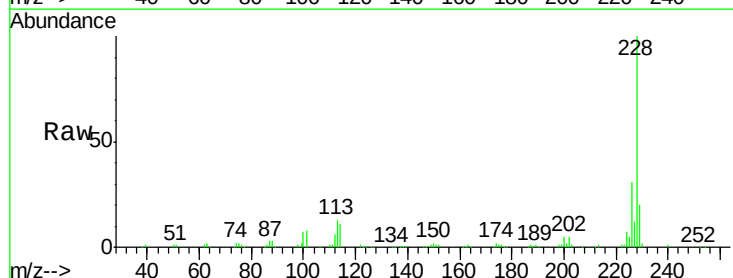
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

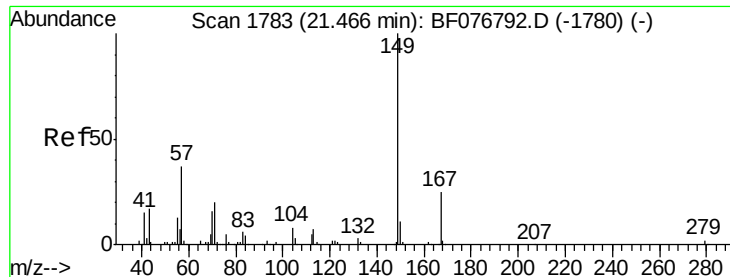
Tgt Ion: 252 Resp: 103191
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.5 77.3
 126 15.7 11.4 17.0



#82
 Chrysene
 Concen: 37.99 ng
 RT: 21.37 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion: 228 Resp: 275612
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.3 34.9
 229 19.7 14.6 22.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.69 ng

RT: 21.47 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

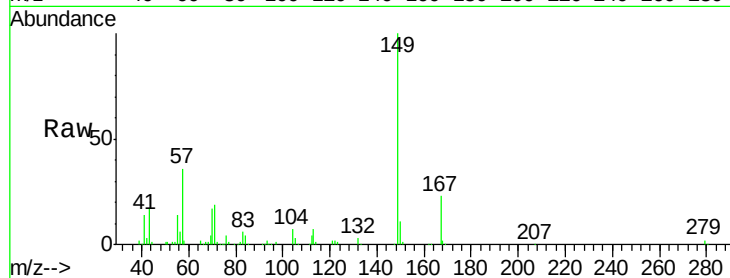
Tgt Ion:149 Resp: 246296

Ion Ratio Lower Upper

149 100

167 22.7 20.1 30.1

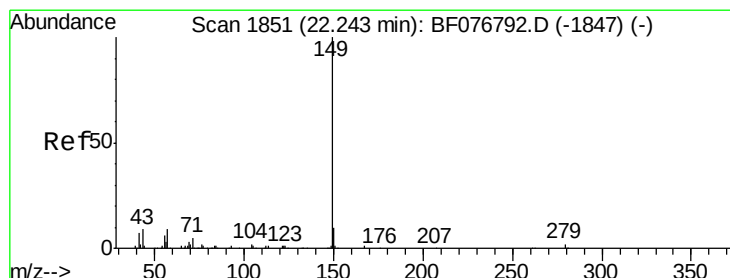
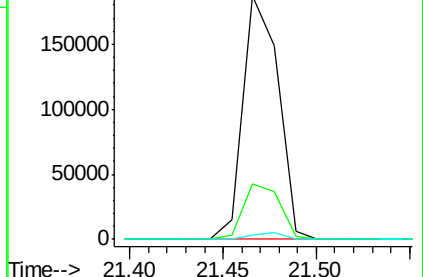
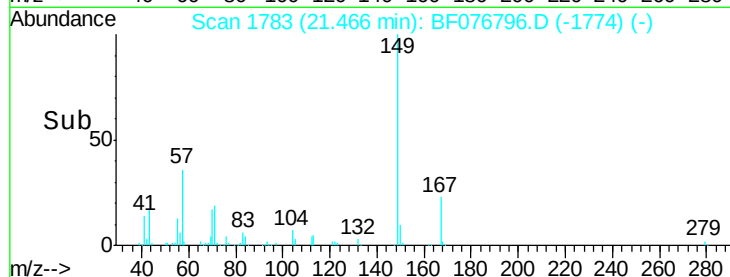
279 1.6 1.4 2.0



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: 42.44 ng

RT: 22.24 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

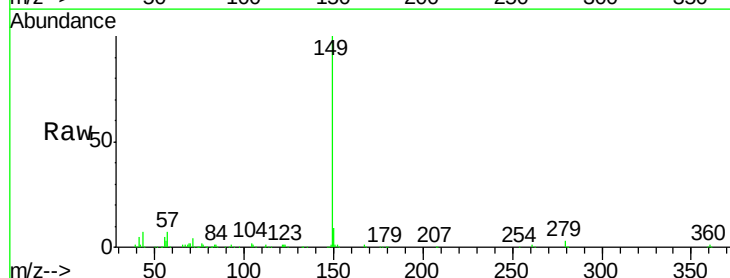
Tgt Ion:149 Resp: 427440

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

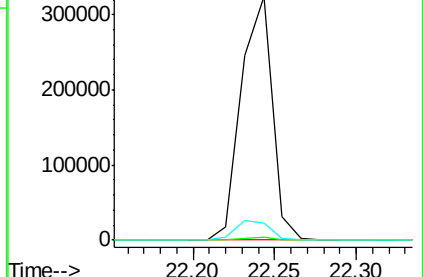
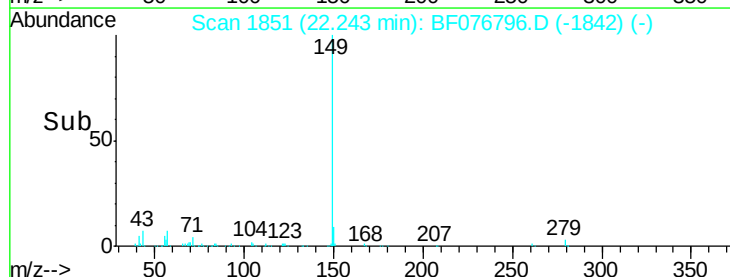
43 8.8 7.0 10.6

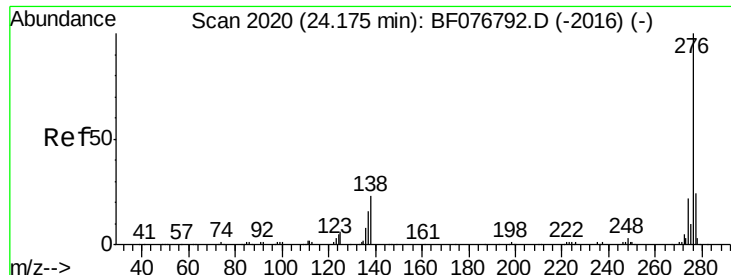


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

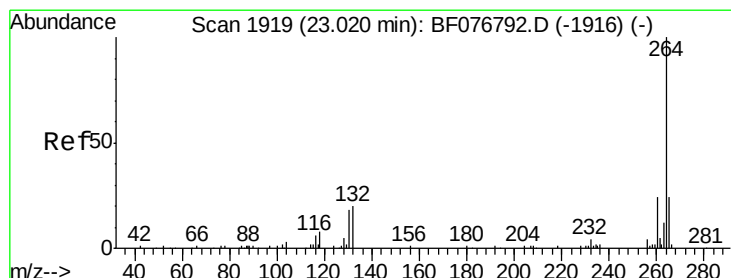
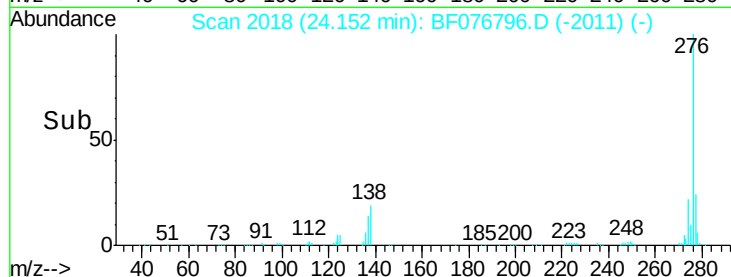
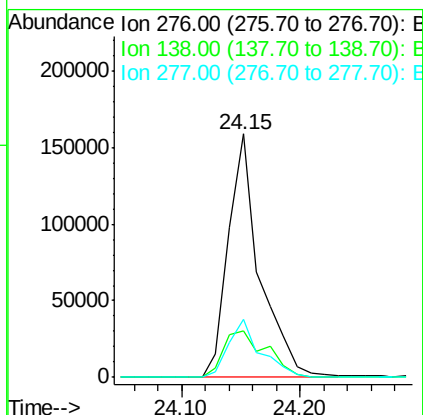
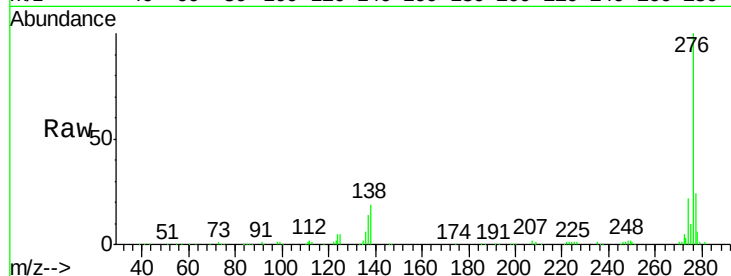




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.84 ng
 RT: 24.15 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

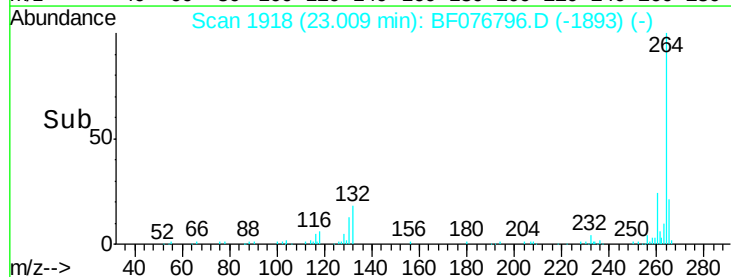
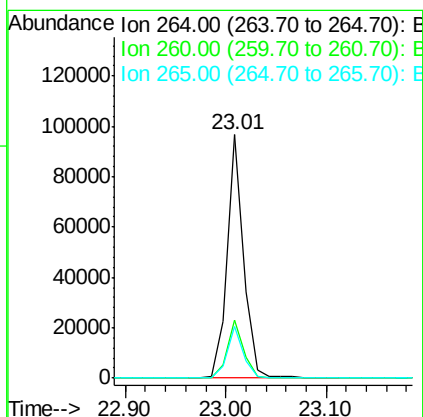
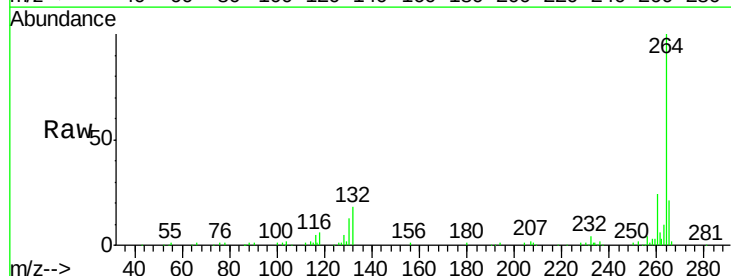
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF010915

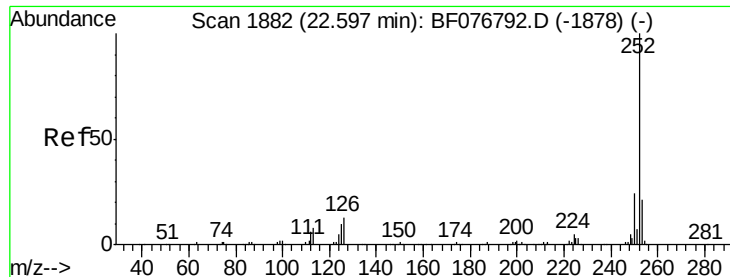
Tgt Ion:276 Resp: 293004
 Ion Ratio Lower Upper
 276 100
 138 26.5 0.0 0.0#
 277 24.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.01 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BF076796.D
 Acq: 9 Jan 2015 21:05

Tgt Ion:264 Resp: 109989
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.0 18.9 28.3

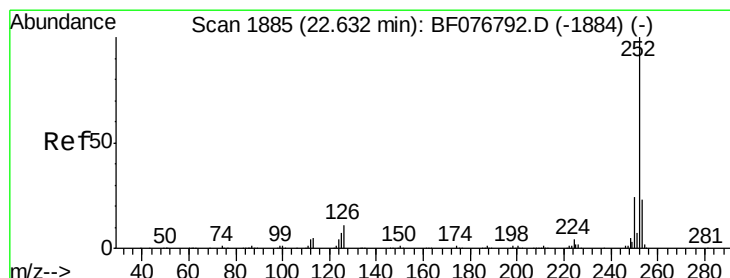
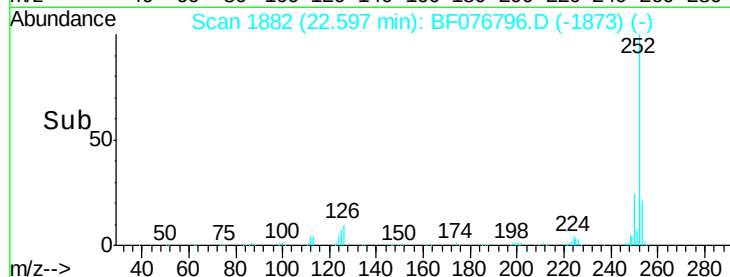
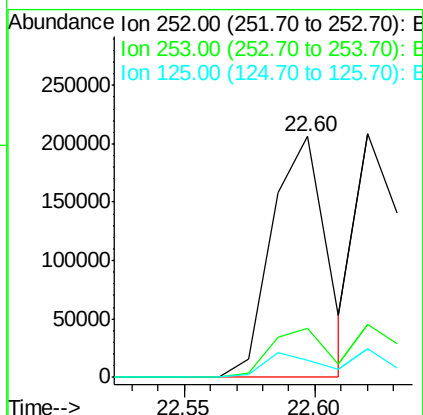
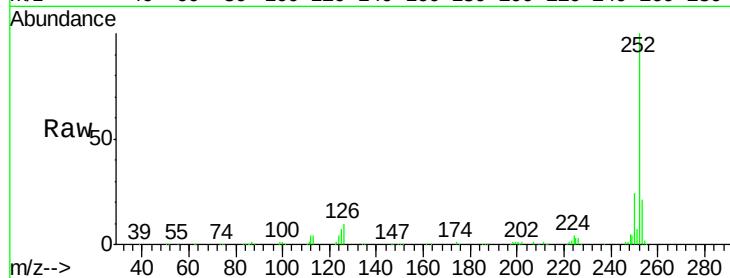




#87
Benzo(b)fluoranthene
Concen: 36.71 ng
RT: 22.60 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

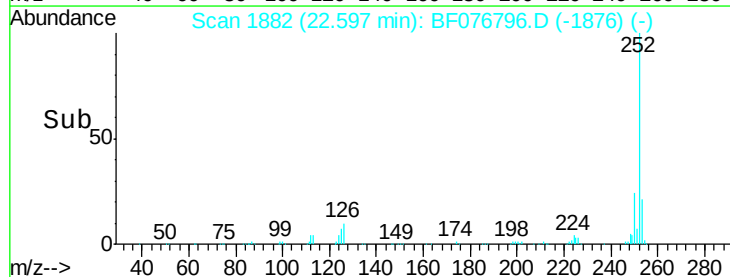
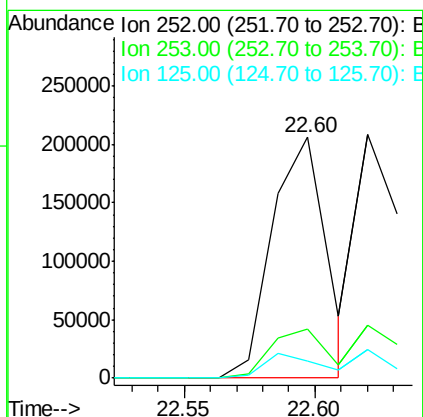
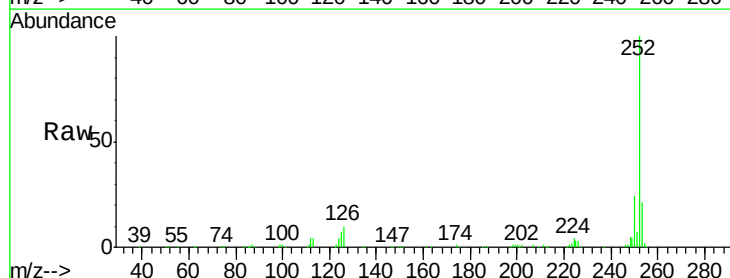
Instrument :
BNA_F
ClientSampleId :
ICVBF010915

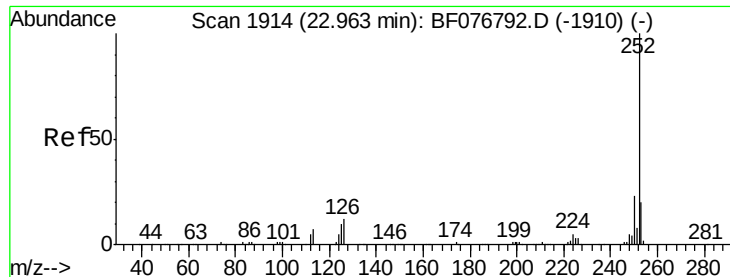
Tgt Ion:252 Resp: 296525
Ion Ratio Lower Upper
252 100
253 20.6 16.6 25.0
125 7.0 8.1 12.1#



#88
Benzo(k)fluoranthene
Concen: 46.54 ng
RT: 22.60 min Scan# 1882
Delta R.T. -0.03 min
Lab File: BF076796.D
Acq: 9 Jan 2015 21:05

Tgt Ion:252 Resp: 296525
Ion Ratio Lower Upper
252 100
253 20.6 17.7 26.5
125 7.0 7.5 11.3#





#89

Benzo(a)pyrene

Concen: 38.29 ng

RT: 22.95 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915

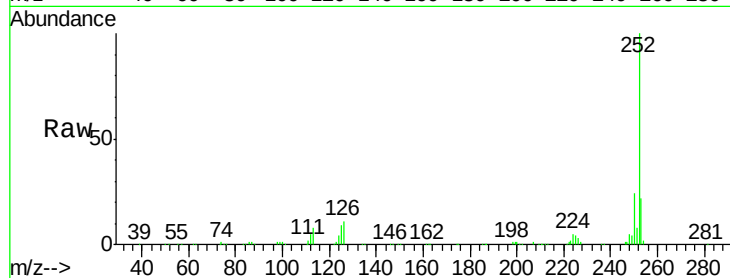
Tgt Ion:252 Resp: 256216

Ion Ratio Lower Upper

252 100

253 21.5 16.2 24.4

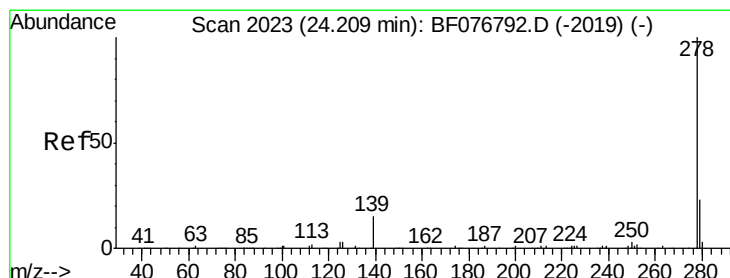
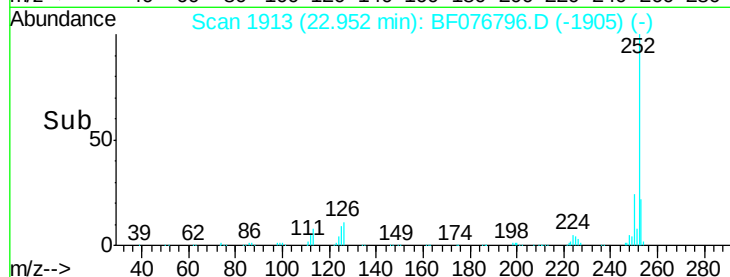
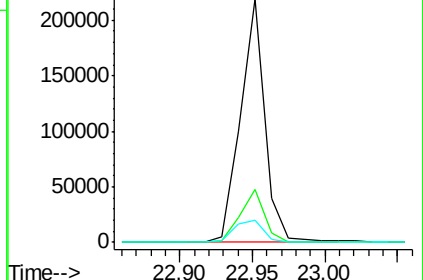
125 9.1 7.8 11.6



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: 38.29 ng

RT: 24.17 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF076796.D

Acq: 9 Jan 2015 21:05

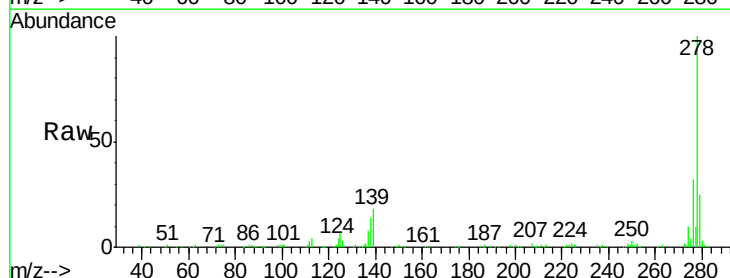
Tgt Ion:278 Resp: 233047

Ion Ratio Lower Upper

278 100

139 18.5 12.2 18.4#

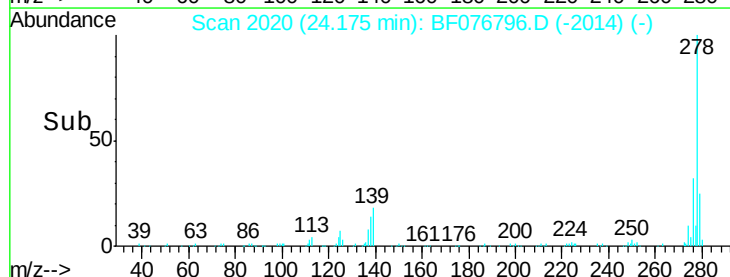
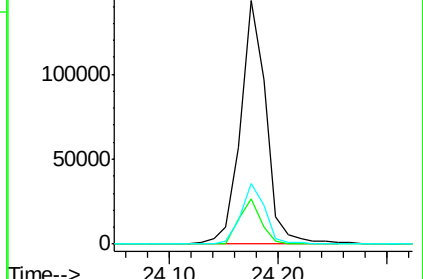
279 24.8 17.9 26.9

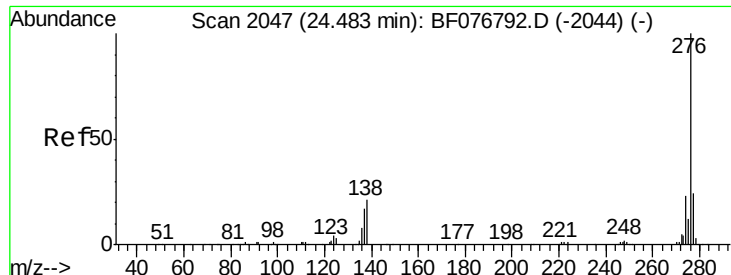


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.13 ng

RT: 24.46 min Scan# 2045

Delta R.T. -0.02 min

Lab File: BF076796.D

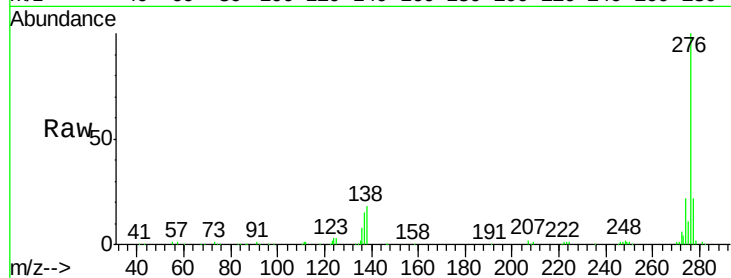
Acq: 9 Jan 2015 21:05

Instrument :

BNA_F

ClientSampleId :

ICVBF010915



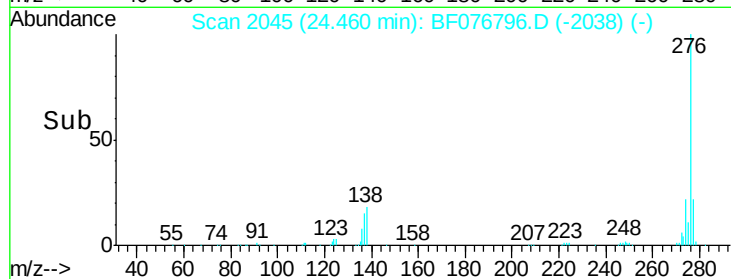
Tgt Ion: 276 Resp: 235763

Ion Ratio Lower Upper

276 100

277 22.4 19.0 28.6

138 18.3 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

