

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076842.D
 Acq On : 13 Jan 2015 13:59
 Operator : IZ / TP
 Sample : G1044-02MS
 Misc : W
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Quant Time: Jan 14 10:43:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	34342	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	143236	20.00	ng	-0.03
38) Acenaphthene-d10	15.09	164	72862	20.00	ng	-0.05
63) Phenanthrene-d10	17.83	188	124271	20.00	ng	-0.02
75) Chrysene-d12	21.31	240	123860	20.00	ng	-0.05
86) Perylene-d12	22.97	264	113190	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	140704	68.37	ng	-0.03
7) Phenol-d6	7.48	99	112120	43.27	ng	-0.02
23) Nitrobenzene-d5	9.36	82	232976	90.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.75	330	87445	143.79	ng	-0.03
44) 2-Fluorobiphenyl	13.61	172	448470	90.59	ng	-0.03
78) Terphenyl-d14	20.04	244	381450	67.62	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.35	88	22782	25.96	ng	97
3) Pyridine	1.88	79	26020	11.14	ng	94
4) n-Nitrosodimethylamine	1.81	42	32940	28.05	ng	# 82
6) Aniline	7.35	93	104436	29.20	ng	97
8) 2-Chlorophenol	7.60	128	103253	42.43	ng	99
9) Benzaldehyde	7.06	77	54403	35.37	ng	98
10) Phenol	7.51	94	79403	28.13	ng	93
11) bis(2-Chloroethyl)ether	7.59	93	118147	52.23	ng	97
12) 1,3-Dichlorobenzene	7.91	146	118042	43.69	ng	95
13) 1,4-Dichlorobenzene	8.10	146	151243	53.37	ng	98
14) 1,2-Dichlorobenzene	8.41	146	147176	55.74	ng	98
15) Benzyl Alcohol	8.50	79	61183	28.38	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.84	45	128389	42.24	ng	71
17) 2-Methylphenol	8.85	107	69817	35.83	ng	94
18) Hexachloroethane	9.17	117	44350	43.30	ng	95
19) n-Nitroso-di-n-propylamine	9.12	70	76937	41.80	ng	96
20) 3+4-Methylphenols	9.22	107	137103	53.27	ng	98
22) Acetophenone	9.04	105	174963	49.71	ng	# 97
24) Nitrobenzene	9.40	77	125571	48.23	ng	97
25) Isophorone	10.00	82	204319	43.59	ng	98
26) 2-Nitrophenol	10.14	139	53384	42.86	ng	97
27) 2,4-Dimethylphenol	10.41	122	103299	51.07	ng	96
28) bis(2-Chloroethoxy)methane	10.62	93	131808	47.87	ng	96
29) 2,4-Dichlorophenol	10.76	162	78920	41.01	ng	93
30) 1,2,4-Trichlorobenzene	10.87	180	91650	42.22	ng	95
31) Naphthalene	11.02	128	621078	84.53	ng	99
32) Benzoic acid	10.77	122	123222	124.81	ng	# 26
33) 4-Chloroaniline	11.26	127	25014	8.69	ng	# 92
34) Hexachlorobutadiene	11.37	225	49944	40.22	ng	97
36) 4-Chloro-3-methylphenol	12.57	107	189192	88.60	ng	# 24
37) 2-Methylnaphthalene	12.67	142	255068	49.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	84239	46.53	ng	95
40) Hexachlorocyclopentadiene	13.05	237	69974	66.78	ng	95
42) 2,4,6-Trichlorophenol	13.41	196	56285	42.81	ng	96

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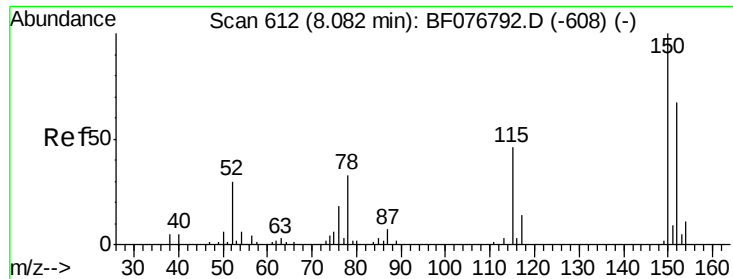
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jan 14 10:43:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.50	196	58147	42.07	nq	# 88
45) 1,1'-Biphenyl	13.81	154	245351	43.80	nq	99
46) 2-Chloronaphthalene	13.79	162	196710	43.69	nq	95
47) 2-Nitroaniline	14.13	65	69409	51.73	nq	87
48) Acenaphthylene	14.75	152	318908	41.80	nq	99
49) Dimethylphthalate	14.68	163	253482	47.87	nq	100
50) 2,6-Dinitrotoluene	14.78	165	49455	44.05	nq	94
51) Acenaphthene	15.17	154	193510	44.90	nq	99
52) 3-Nitroaniline	15.12	138	11761	9.17	nq	# 91
53) 2,4-Dinitrophenol	15.40	184	45909	95.87	nq	# 80
54) Dibenzofuran	15.59	168	275708	43.73	nq	99
55) 4-Nitrophenol	15.74	139	34106	41.28	nq	98
56) 2,4-Dinitrotoluene	15.69	165	68164	47.54	nq	96
57) Fluorene	16.29	166	226950	43.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	44972	44.98	nq	99
59) Diethylphthalate	16.28	149	257135	47.14	nq	99
60) 4-Chlorophenyl-phenylether	16.37	204	95997	42.48	nq	# 86
61) 4-Nitroaniline	16.43	138	45523	38.35	nq	96
62) Azobenzene	16.65	77	249622	44.63	nq	99
64) 4,6-Dinitro-2-methylphenol	16.48	198	32212	45.69	nq	# 77
65) n-Nitrosodiphenylamine	16.61	169	241621	53.53	nq	97
66) 4-Bromophenyl-phenylether	17.20	248	54790	42.49	nq	94
67) Hexachlorobenzene	17.23	284	57342	42.49	nq	# 85
68) Atrazine	17.58	200	64852	47.44	nq	96
69) Pentachlorophenol	17.58	266	58446	99.69	nq	95
70) Phenanthrene	17.87	178	330019	42.61	nq	100
71) Anthracene	17.93	178	315391	41.93	nq	99
72) Carbazole	18.22	167	327312	44.38	nq	98
73) Di-n-butylphthalate	18.80	149	376394	42.96	nq	98
74) Fluoranthene	19.50	202	343710	43.33	nq	99
77) Pyrene	19.77	202	352036	39.50	nq	99
79) Butylbenzylphthalate	20.70	149	176259	42.61	nq	95
80) Benzo(a)anthracene	21.29	228	324719	41.15	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	15310	6.08	nq	# 92
82) Chrysene	21.34	228	304398	42.64	nq	99
83) Bis(2-ethylhexyl)phthalate	21.43	149	227375	39.67	nq	# 99
84) Di-n-octyl phthalate	22.20	149	396586	41.01	nq	# 99
85) Indeno(1,2,3-cd)pyrene	24.11	276	318148	45.03	nq	# 100
87) Benzo(b)fluoranthene	22.55	252	297401	37.93	nq	98
88) Benzo(k)fluoranthene	22.55	252	297380	43.39	nq	99
89) Benzo(a)pyrene	22.91	252	292739	43.45	nq	# 96
90) Dibenzo(a,h)anthracene	24.13	278	261078	42.53	nq	94
91) Benzo(g,h,i)perylene	24.40	276	269088	42.95	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

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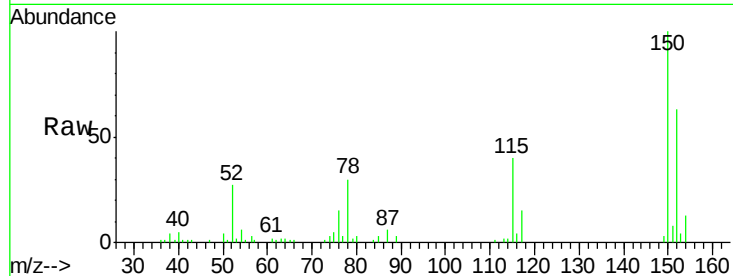
Tot Ion:152 Resp: 34342

Ion Ratio Lower Upper

152 100

150 157.9 119.5 179.3

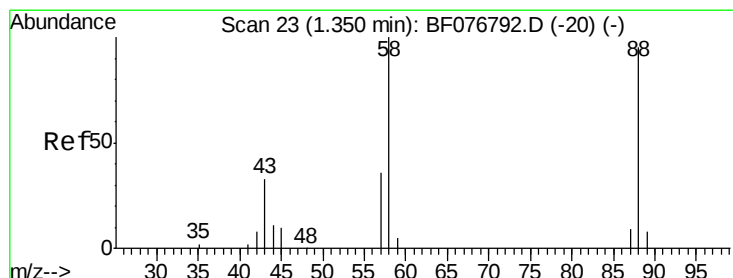
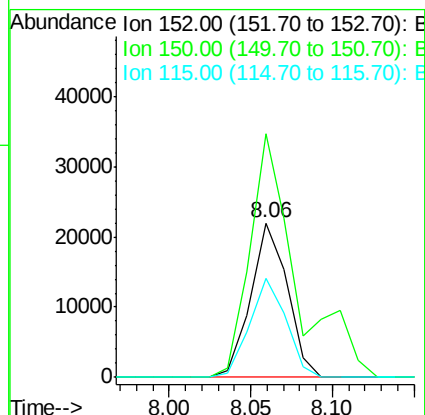
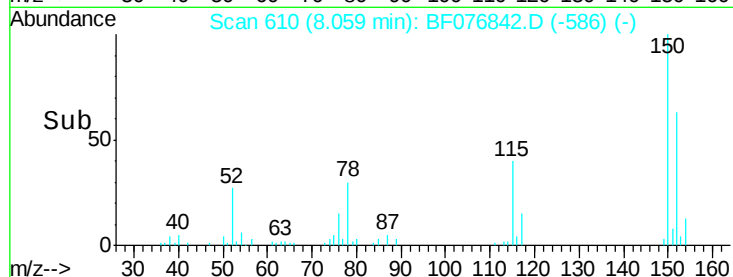
115 63.9 54.6 81.8



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: 25.96 ng

RT: 1.35 min Scan# 23

Delta R.T. 0.00 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

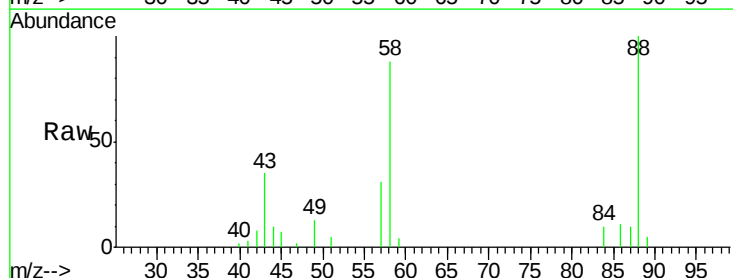
Tgt Ion: 88 Resp: 22782

Ion Ratio Lower Upper

88 100

58 88.0 72.4 108.6

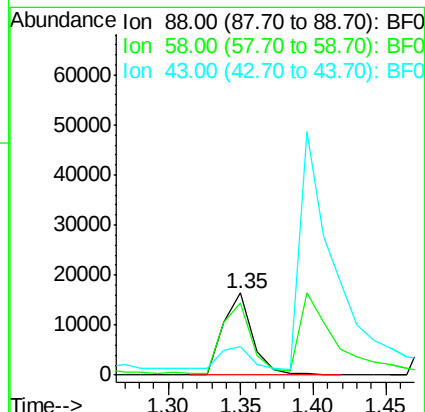
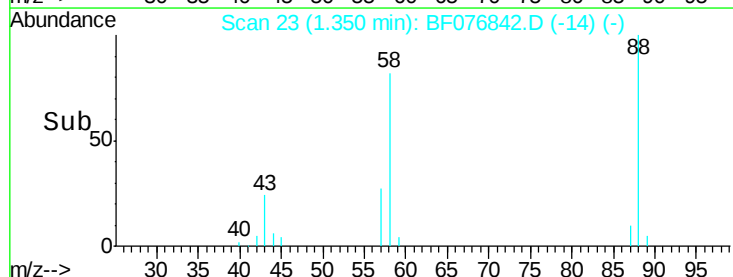
43 27.7 24.0 36.0

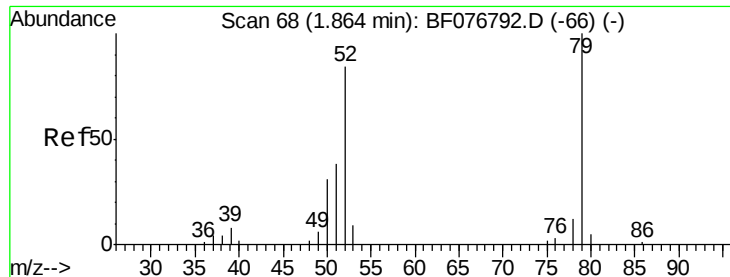


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 11.14 ng

RT: 1.88 min Scan# 69

Delta R.T. 0.01 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

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ClientSampleId :

SP-1AMS

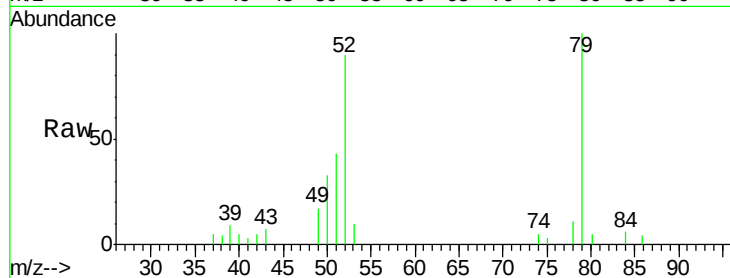
Tot Ion: 79 Resp: 26020

Ion Ratio Lower Upper

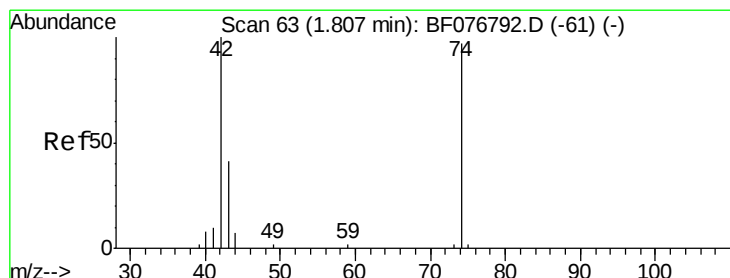
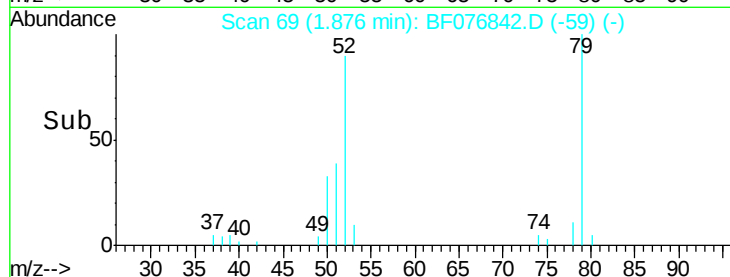
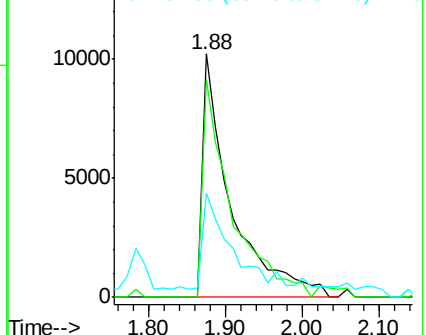
79 100

52 89.7 66.9 100.3

51 42.9 31.6 47.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.05 ng

RT: 1.81 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

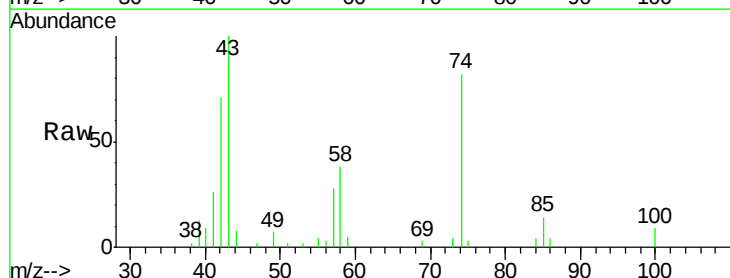
Tgt Ion: 42 Resp: 32940

Ion Ratio Lower Upper

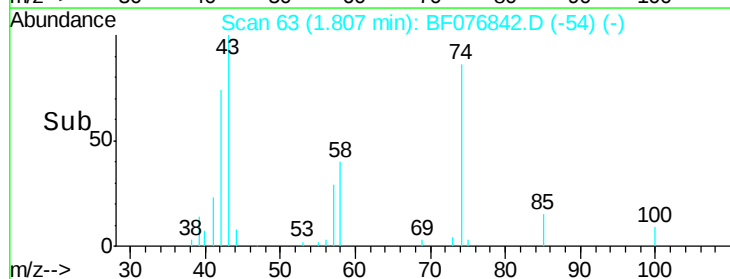
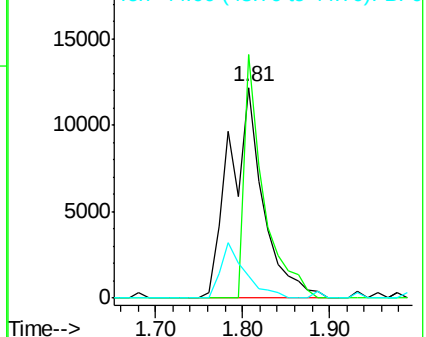
42 100

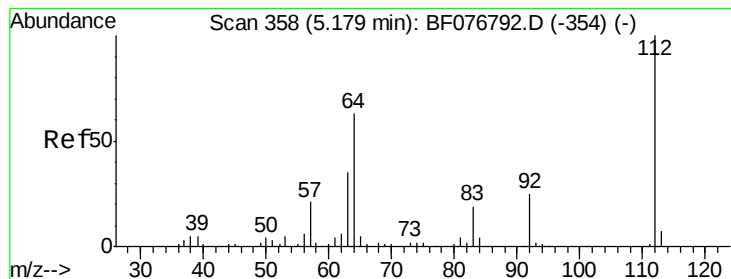
74 115.6 77.9 116.9

44 10.7 5.8 8.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 68.37 ng

RT: 5.14 min Scan# 355

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampled :

SP-1AMS

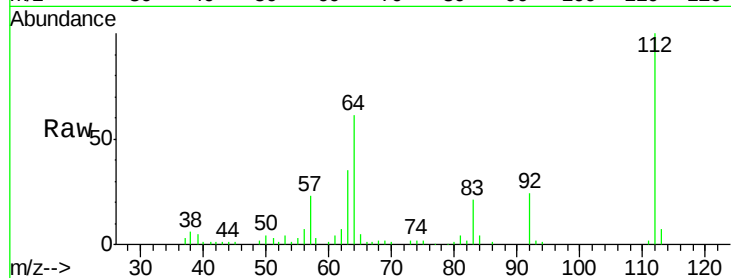
Tot Ion: 112 Resp: 140704

Ion Ratio Lower Upper

112 100

64 60.8 50.2 75.4

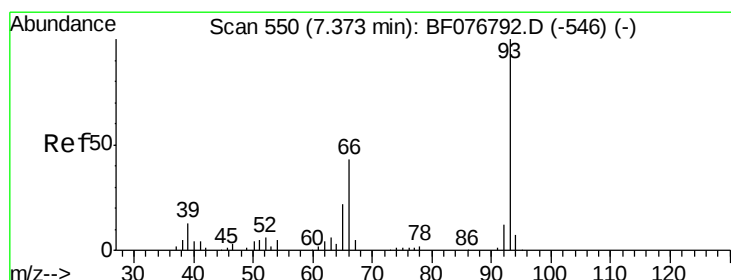
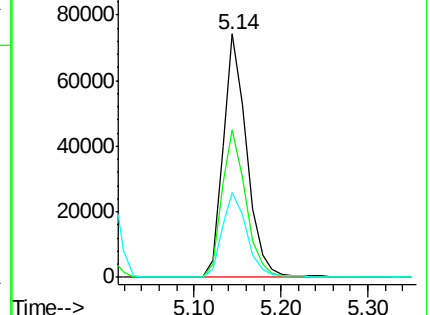
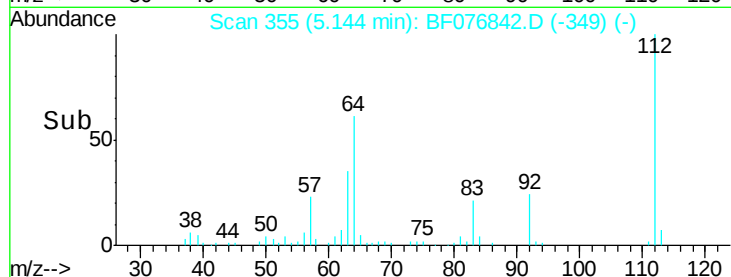
63 34.7 27.8 41.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.20 ng

RT: 7.35 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

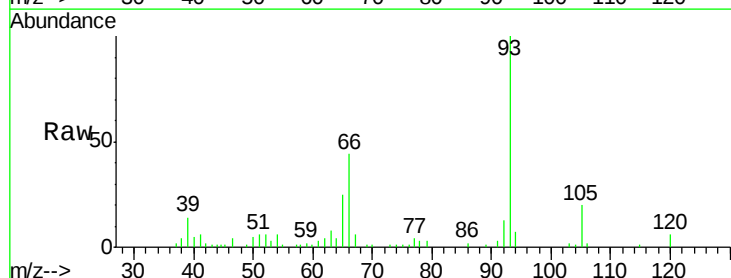
Tgt Ion: 93 Resp: 104436

Ion Ratio Lower Upper

93 100

66 43.6 34.1 51.1

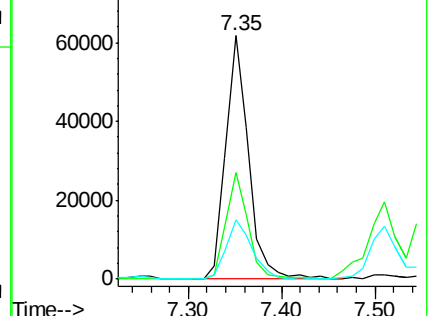
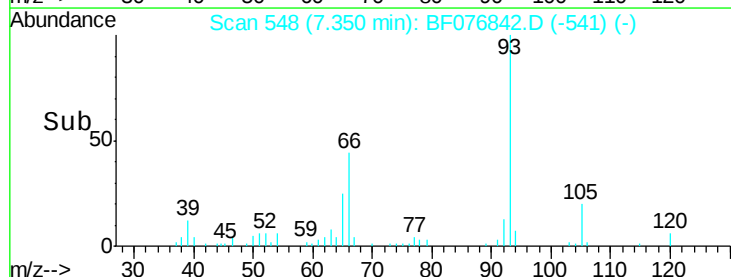
65 24.6 18.0 27.0

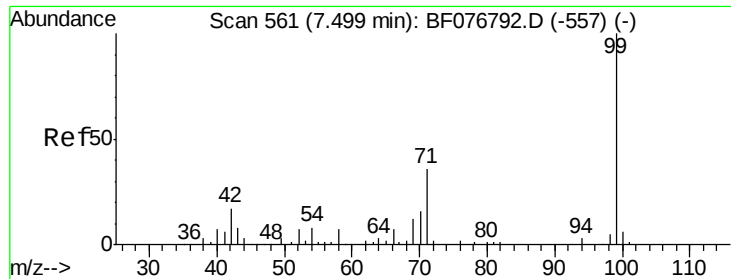


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.27 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

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ClientSampleId :

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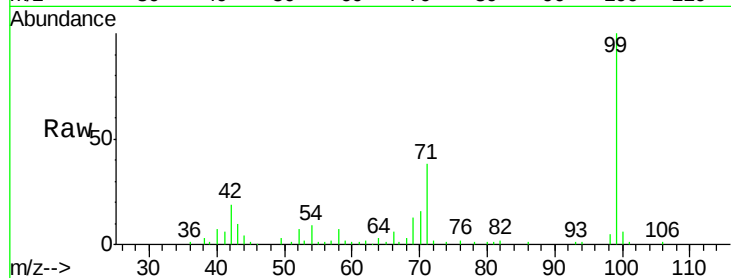
Tot Ion: 99 Resp: 112120

Ion Ratio Lower Upper

99 100

42 18.9 13.3 19.9

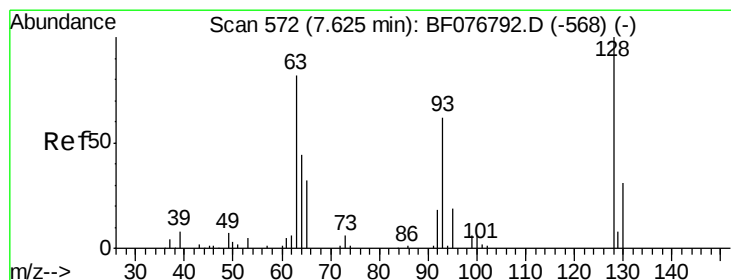
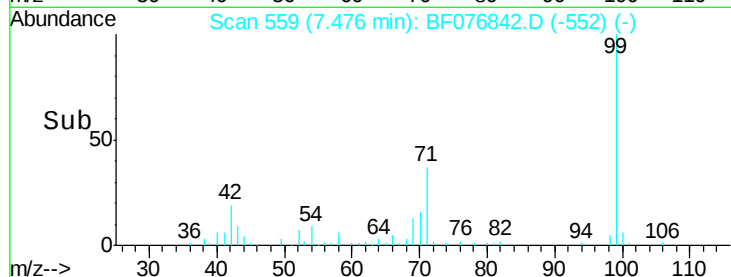
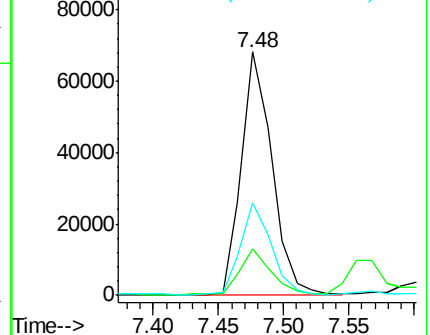
71 37.9 29.2 43.8



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: 42.43 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

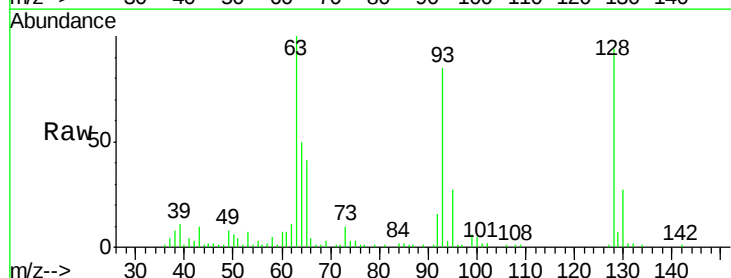
Tgt Ion: 128 Resp: 103253

Ion Ratio Lower Upper

128 100

130 28.9 10.6 50.6

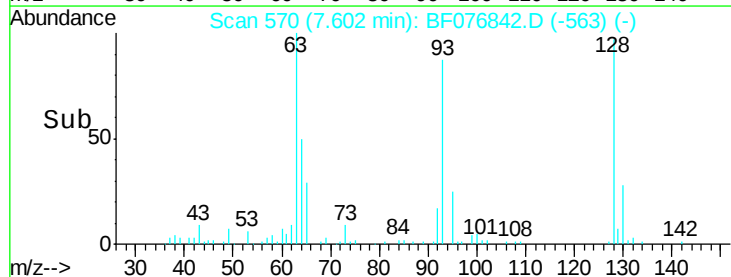
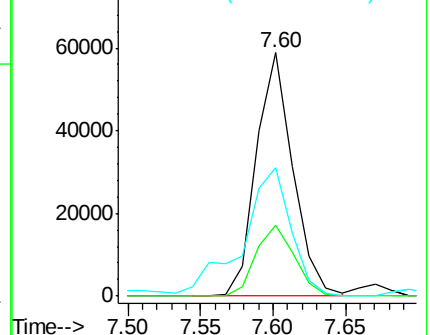
64 52.9 32.8 72.8

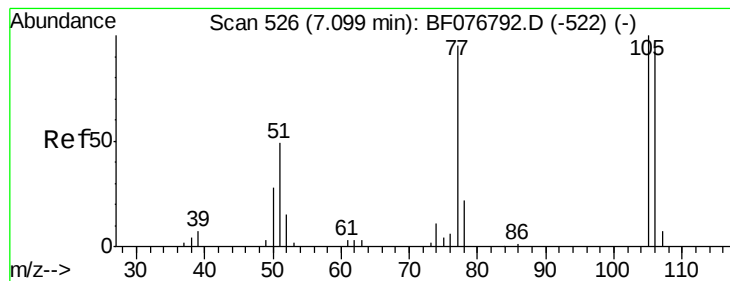


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.37 ng

RT: 7.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

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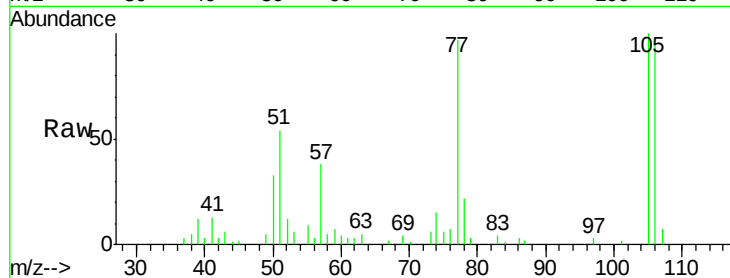
Tot Ion: 77 Resp: 54403

Ion Ratio Lower Upper

77 100

105 103.1 85.5 125.5

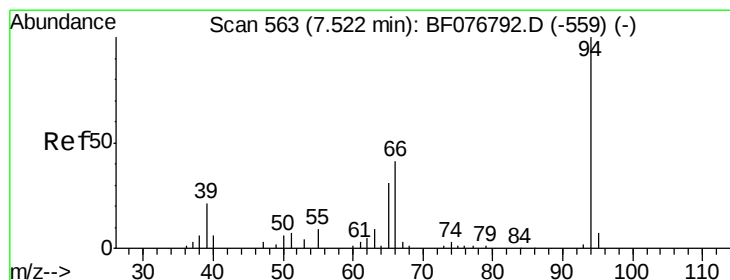
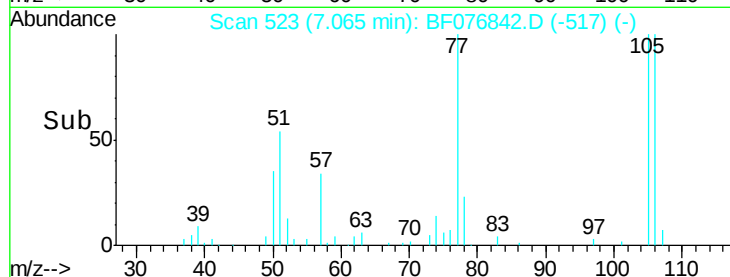
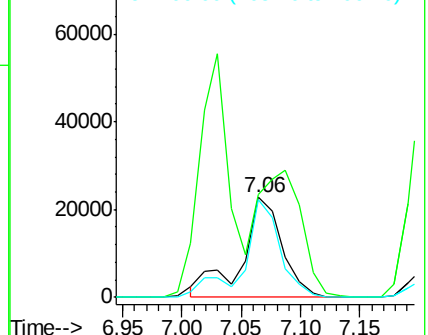
106 98.3 79.0 119.0



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: 28.13 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

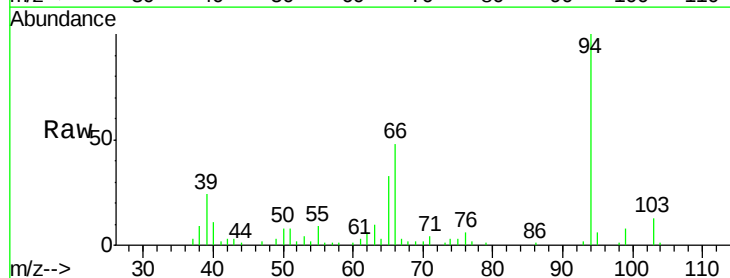
Tgt Ion: 94 Resp: 79403

Ion Ratio Lower Upper

94 100

65 33.4 11.6 51.6

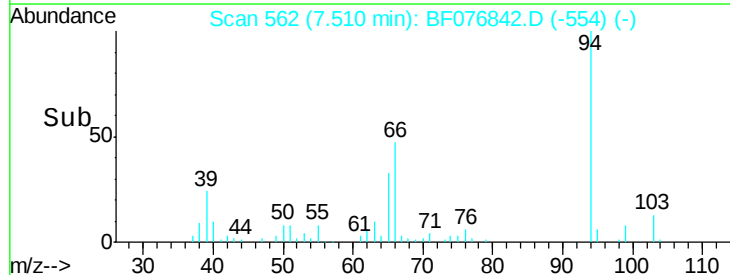
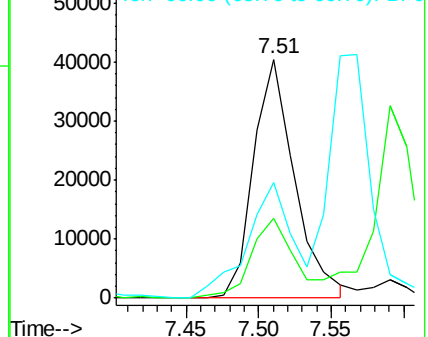
66 48.3 22.3 62.3

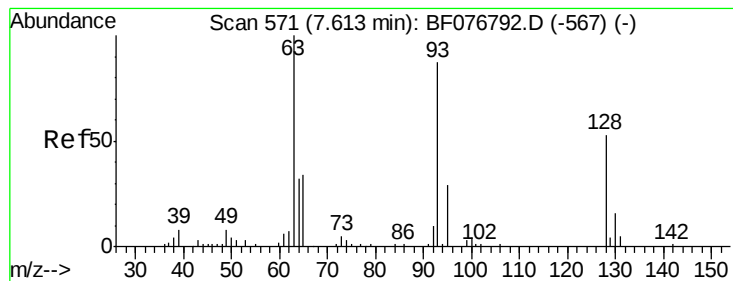


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



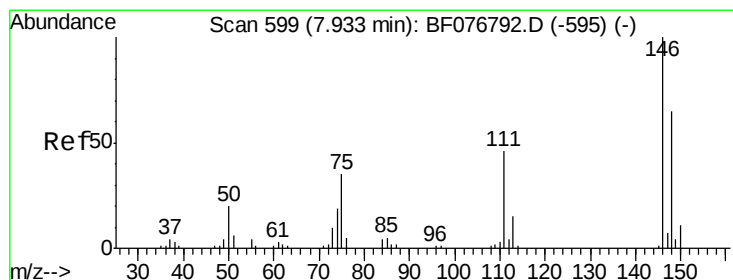
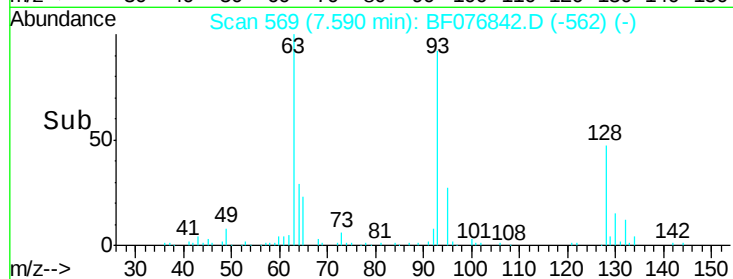
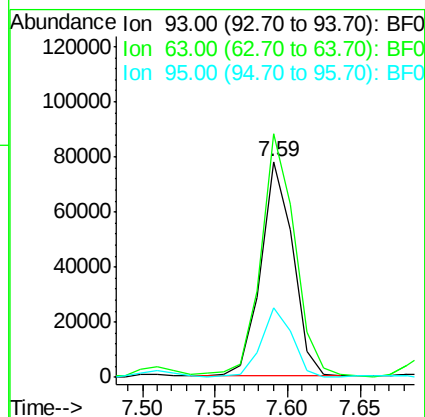
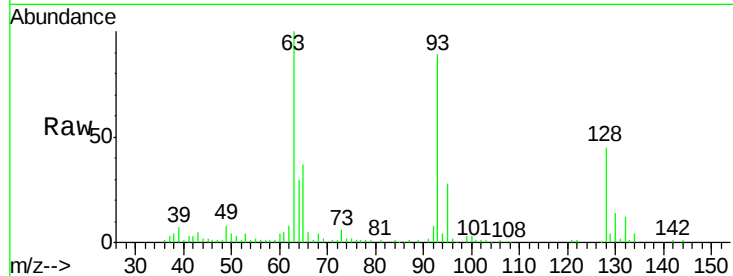


#11

bis(2-Chloroethyl)ether
Concen: 52.23 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

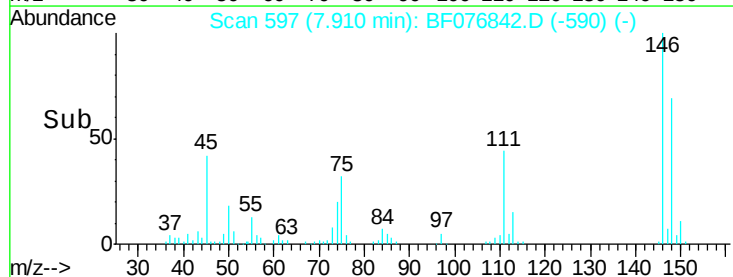
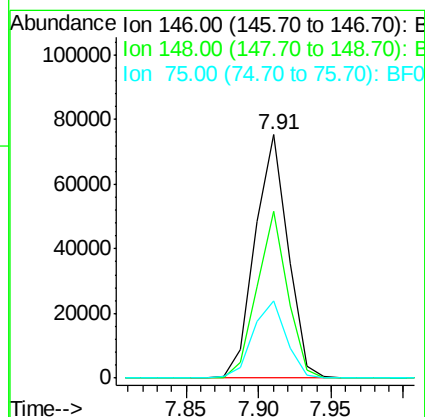
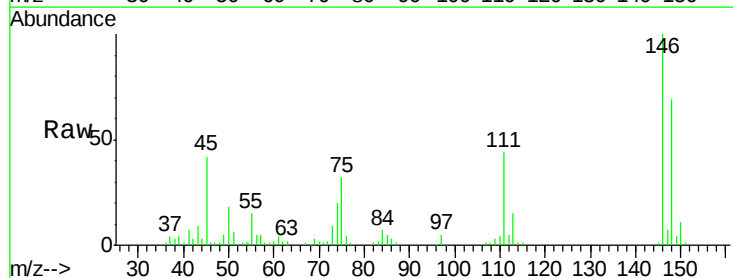
Tot Ion: 93 Resp: 118147
Ion Ratio Lower Upper
93 100
63 112.7 96.1 136.1
95 32.0 14.0 54.0

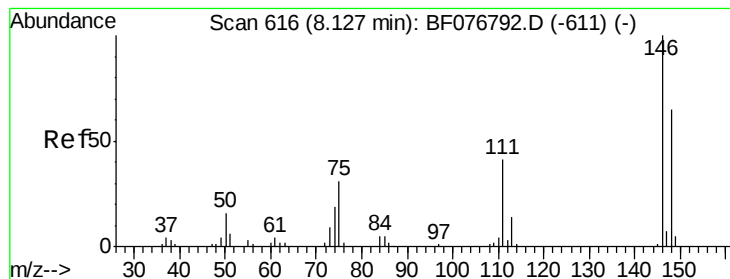


#12

1,3-Dichlorobenzene
Concen: 43.69 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion: 146 Resp: 118042
Ion Ratio Lower Upper
146 100
148 68.5 52.1 78.1
75 31.8 28.0 42.0





#13

1,4-Dichlorobenzene

Concen: 53.37 ng

RT: 8.10 min Scan# 614

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

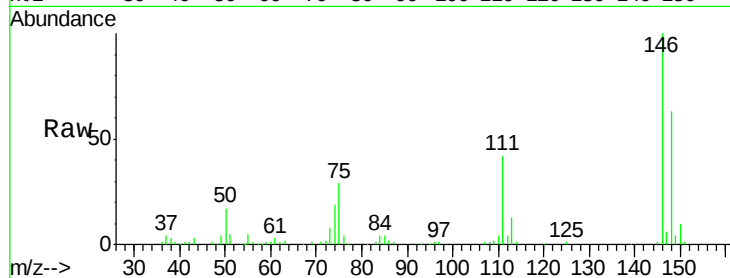
Tot Ion:146 Resp: 151243

Ion Ratio Lower Upper

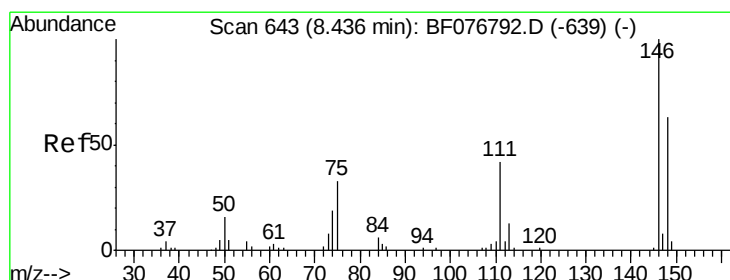
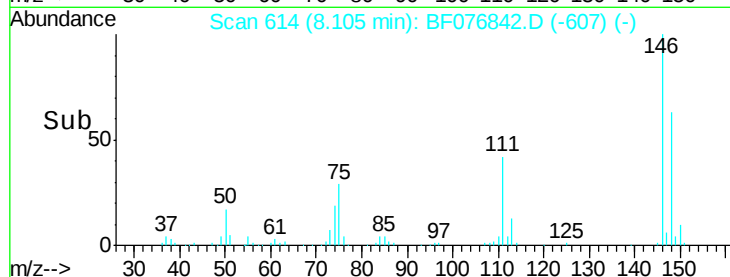
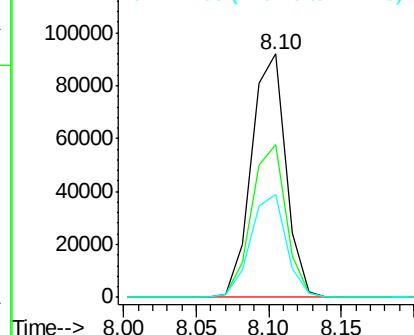
146 100

148 62.8 51.8 77.8

111 42.0 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: 55.74 ng

RT: 8.41 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

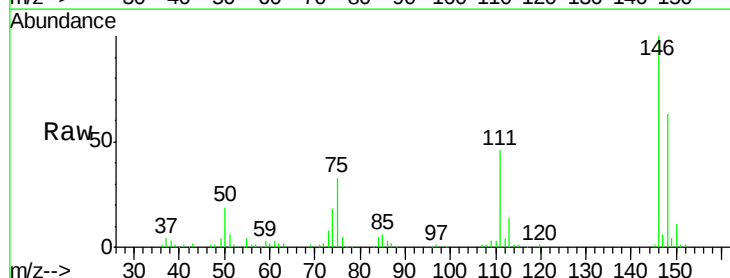
Tgt Ion:146 Resp: 147176

Ion Ratio Lower Upper

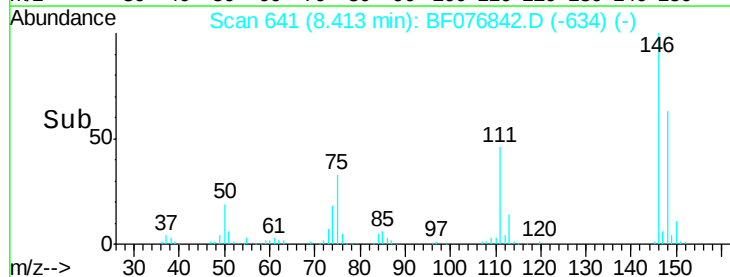
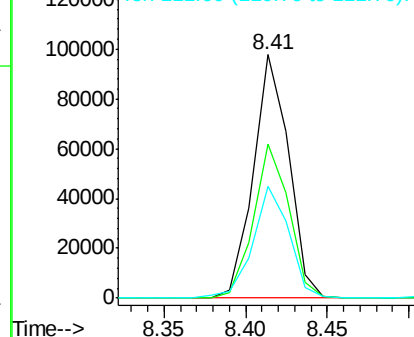
146 100

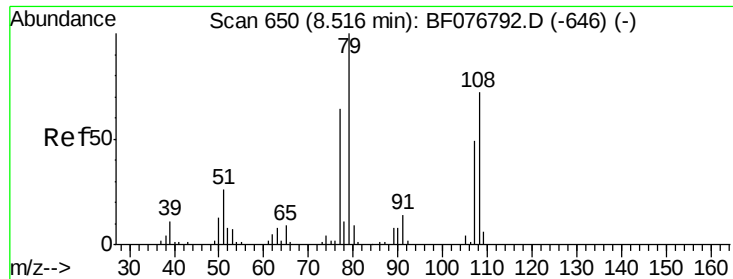
148 63.2 50.2 75.2

111 45.8 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

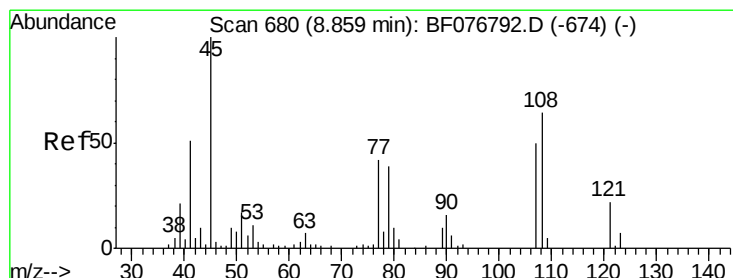
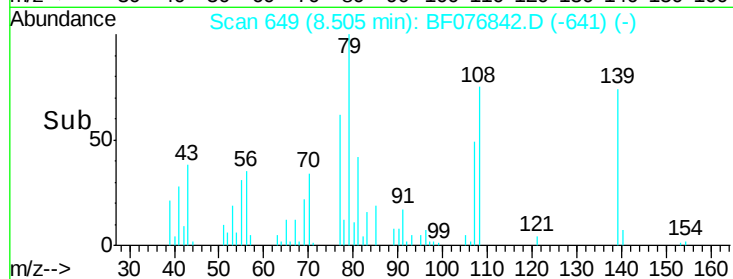
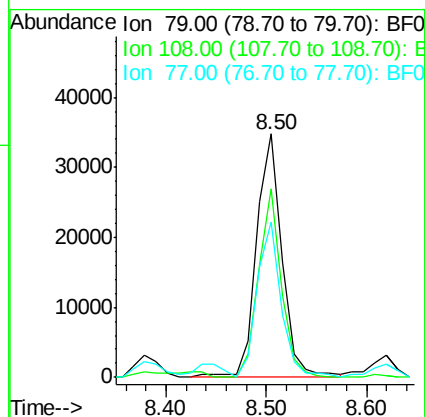
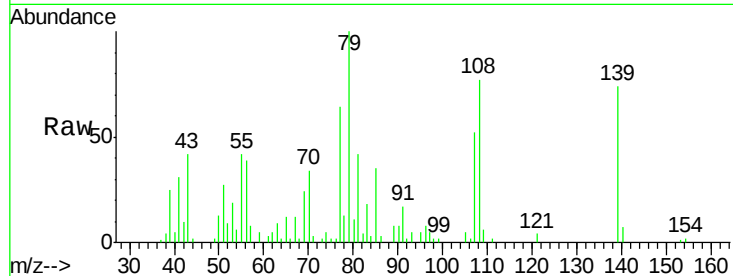




#15
Benzyl Alcohol
Concen: 28.38 ng
RT: 8.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

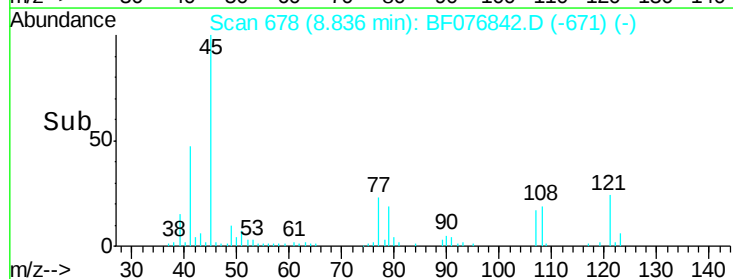
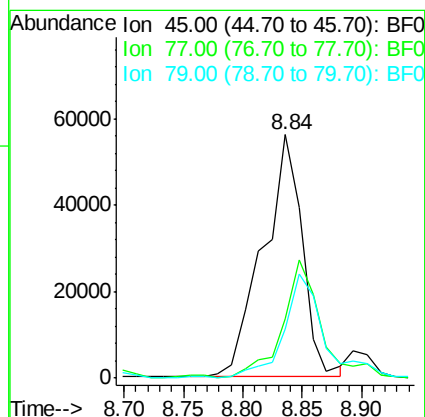
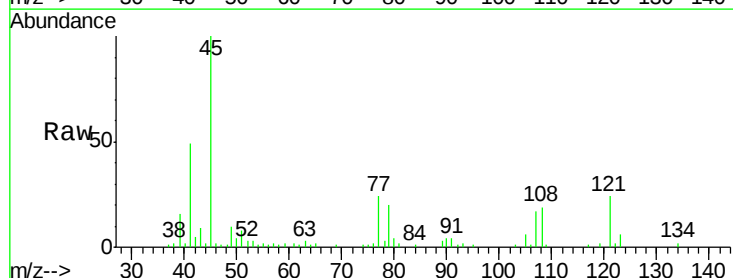
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

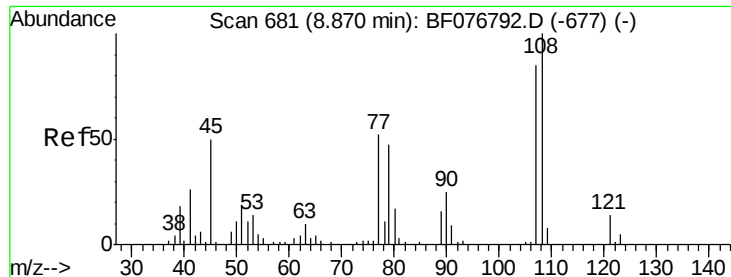
Tot Ion: 79 Resp: 61183
Ion Ratio Lower Upper
79 100
108 77.3 57.4 86.0
77 63.7 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.24 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion: 45 Resp: 128389
Ion Ratio Lower Upper
45 100
77 24.3 21.9 61.9
79 20.1 19.0 59.0

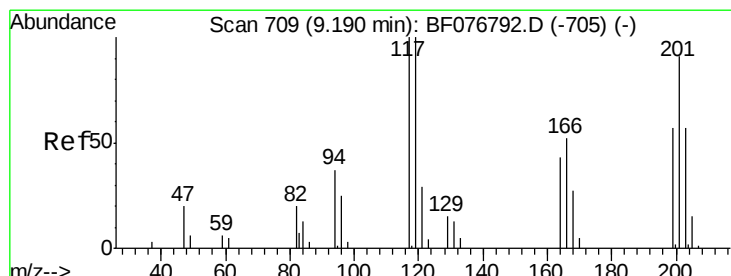
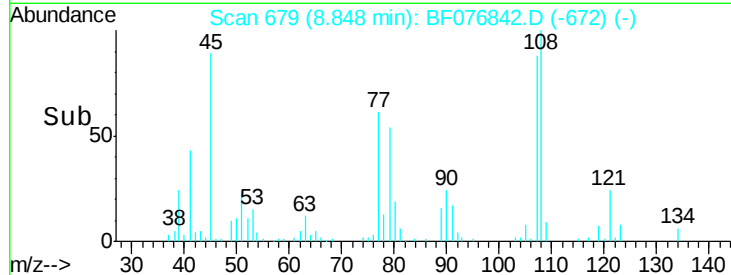
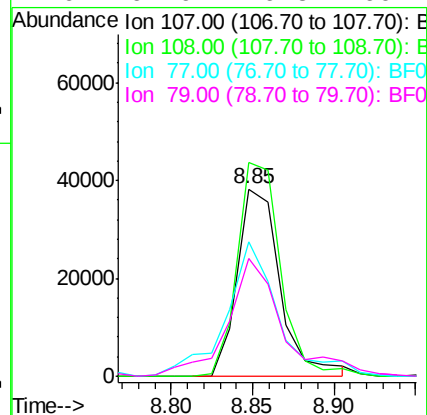
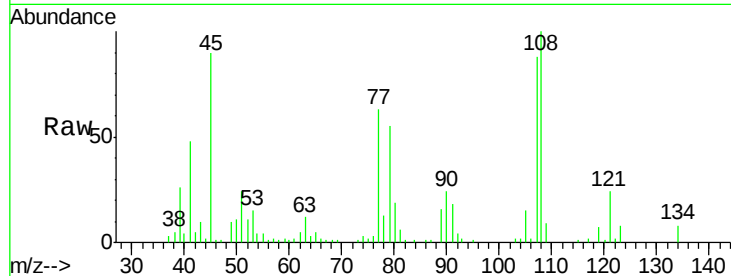




#17
2-Methylphenol
Concen: 35.83 ng
RT: 8.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

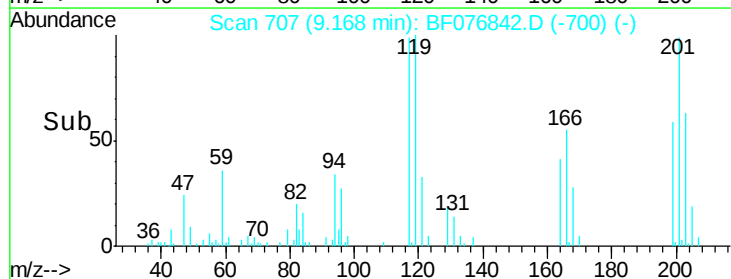
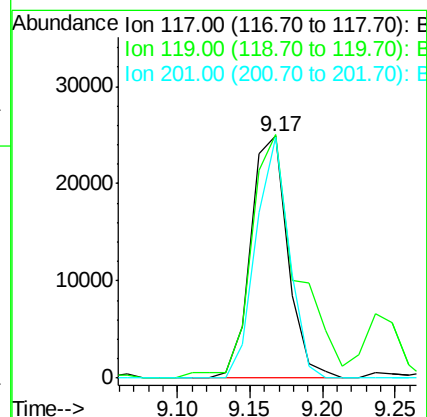
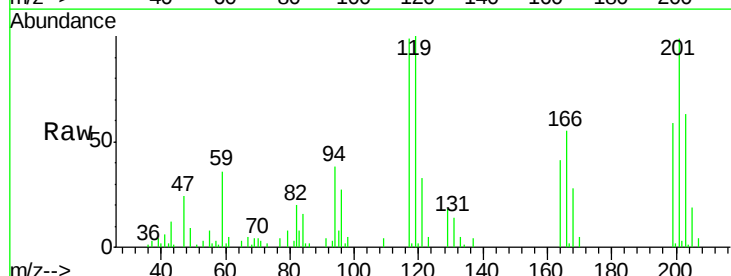
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

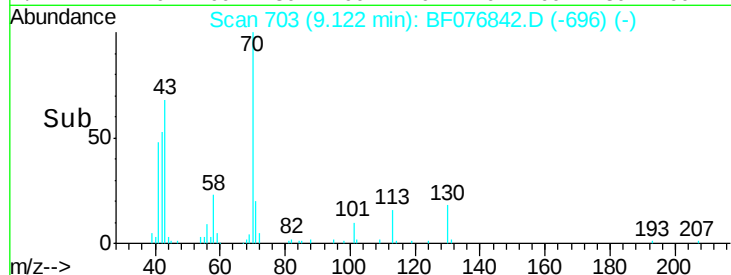
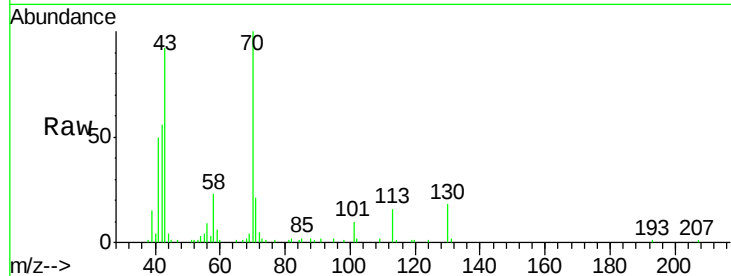
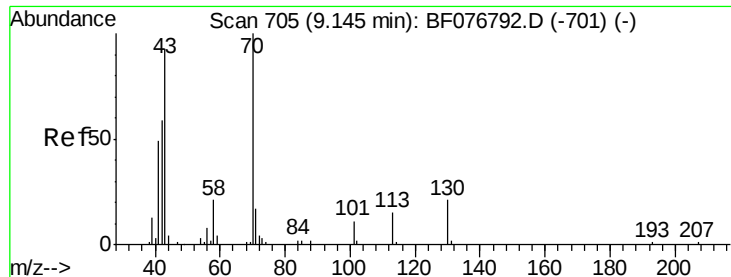
Tot Ion:107 Resp: 69817
Ion Ratio Lower Upper
107 100
108 114.2 93.8 140.8
77 71.8 51.3 76.9
79 62.9 46.5 69.7



#18
Hexachloroethane
Concen: 43.30 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:117 Resp: 44350
Ion Ratio Lower Upper
117 100
119 100.7 80.0 120.0
201 99.5 73.0 109.4

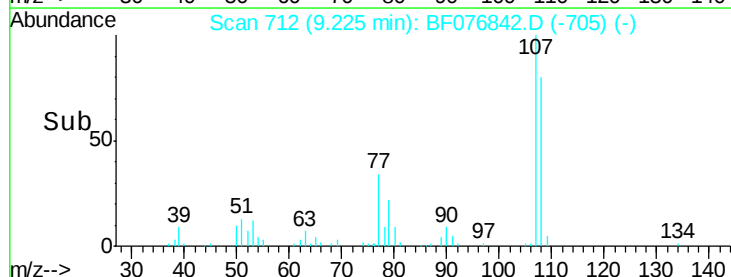
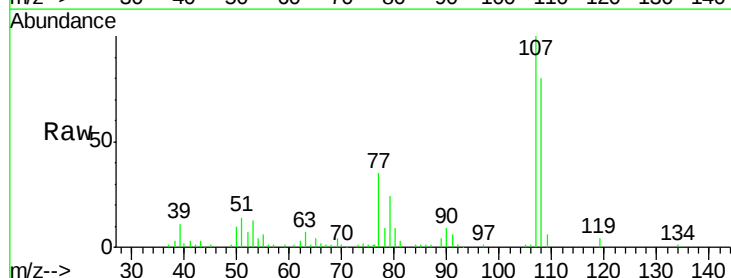
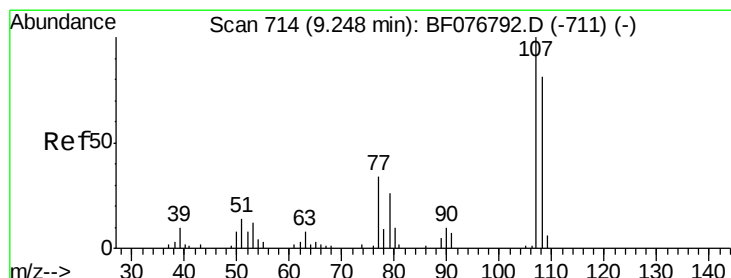
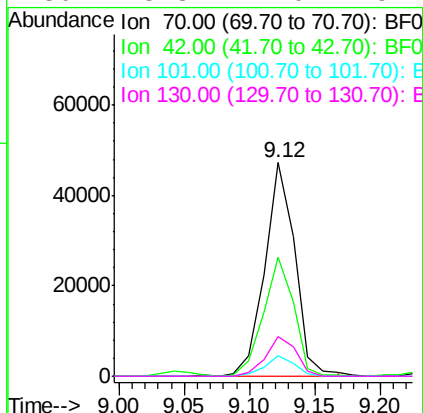




#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 9.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

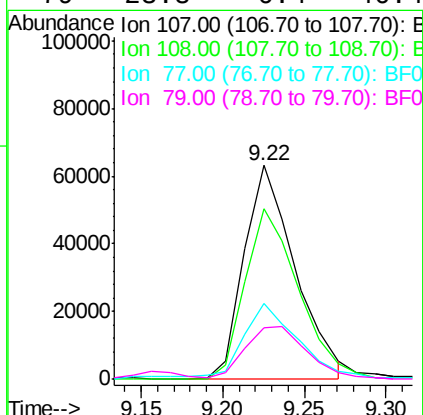
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

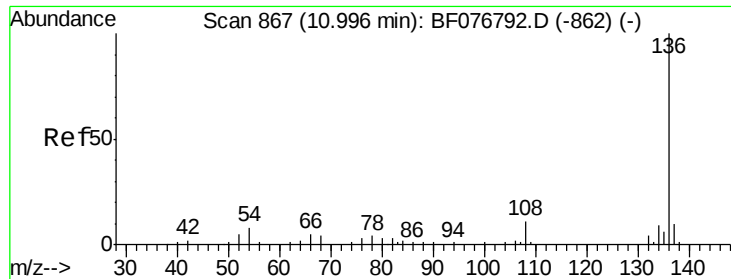
Tot Ion:	70	Resp:	76937
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.1	70.7
101	9.8	8.5	12.7
130	18.3	17.0	25.4



#20
3+4-Methylphenols
Concen: 53.27 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:	107	Resp:	137103
Ion	Ratio	Lower	Upper
107	100		
108	79.7	61.4	101.4
77	35.1	14.4	54.4
79	23.8	6.4	46.4

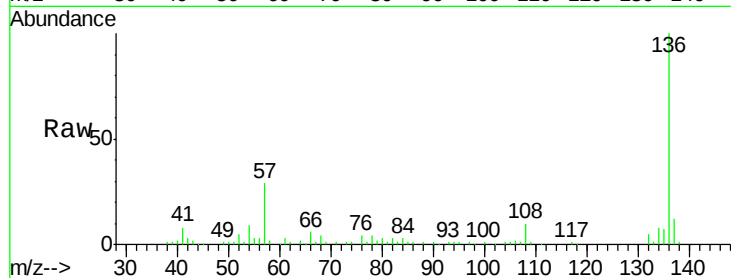




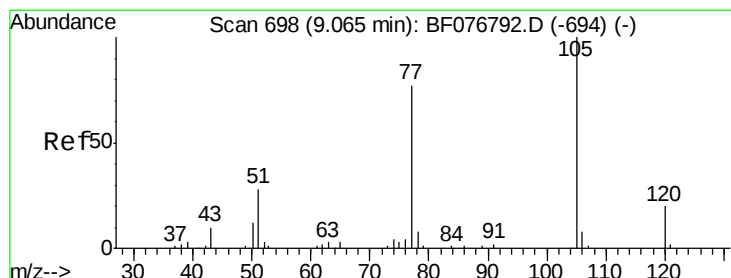
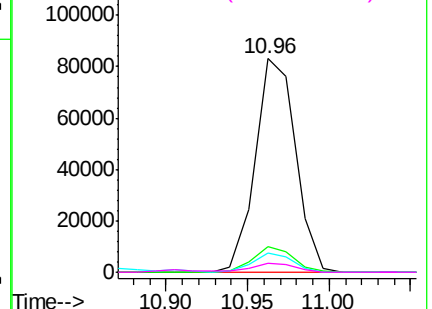
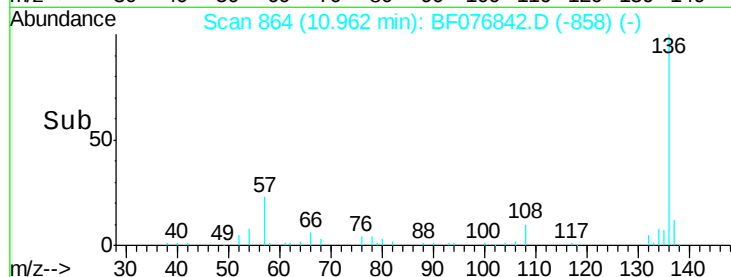
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tot Ion:136	Resp:	143236
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.1 12.1
54	9.1	6.3 9.5
68	4.3	3.4 5.0

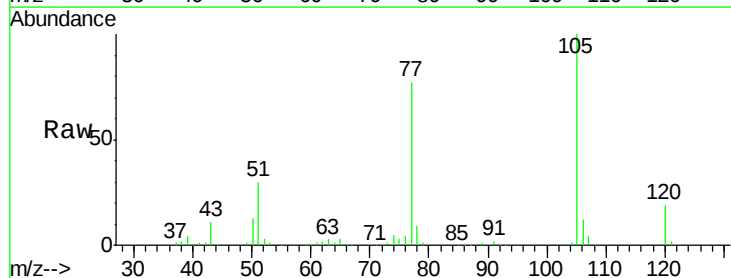


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

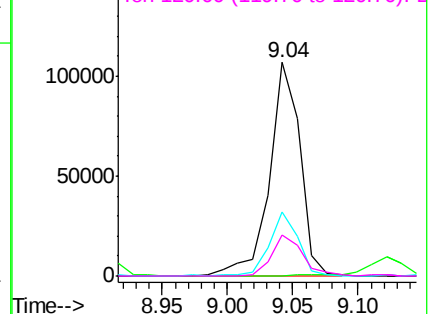
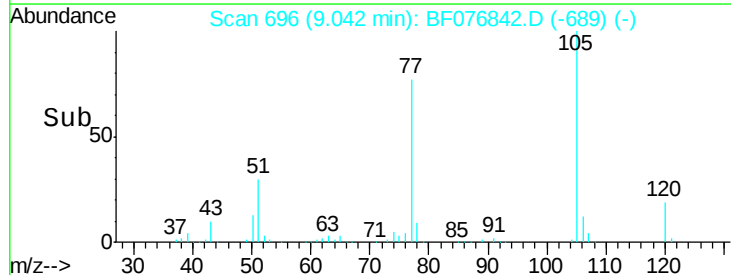


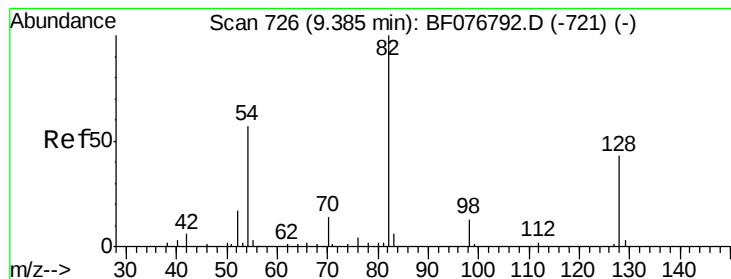
#22
Acetophenone
Concen: 49.71 ng
RT: 9.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:105	Resp:	174963
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.0 0.0#
51	29.8	22.2 33.2
120	19.3	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: 90.39 ng

RT: 9.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

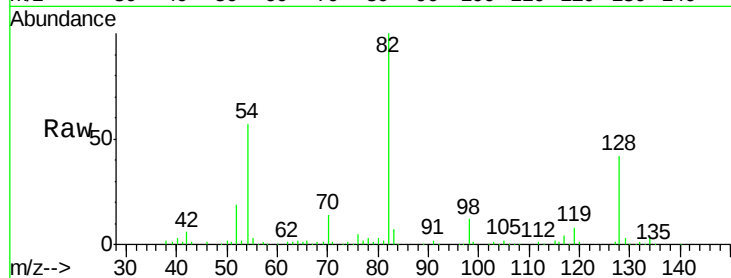
Tot Ion: 82 Resp: 232976

Ion Ratio Lower Upper

82 100

128 42.3 34.0 51.0

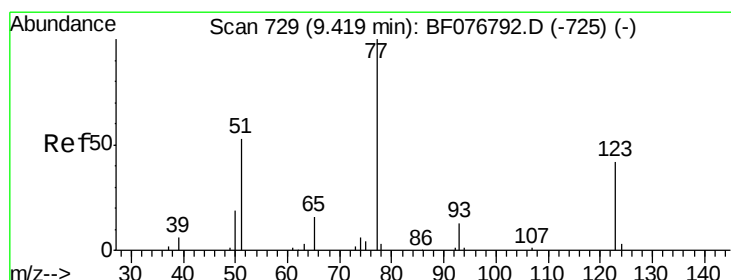
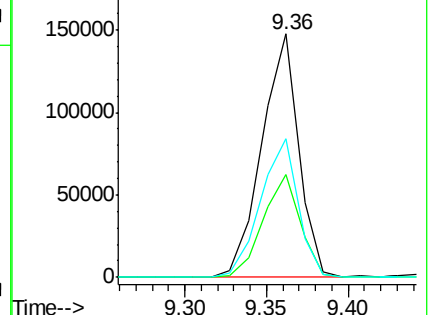
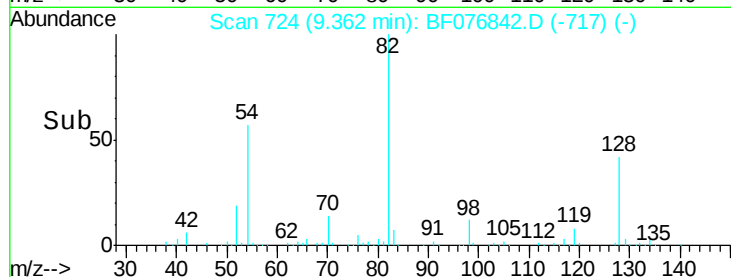
54 56.9 45.6 68.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.23 ng

RT: 9.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

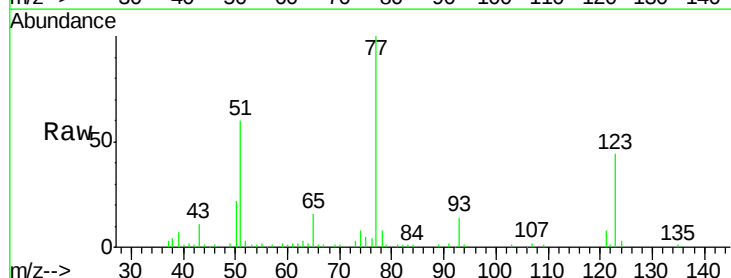
Tgt Ion: 77 Resp: 125571

Ion Ratio Lower Upper

77 100

123 43.6 33.3 49.9

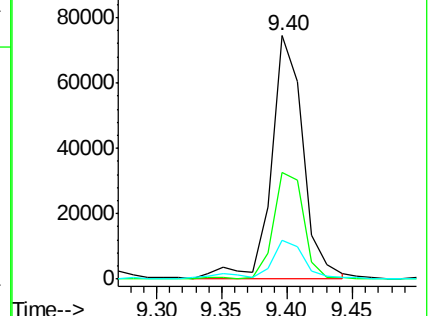
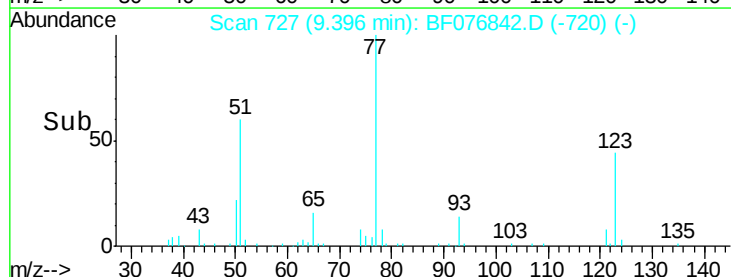
65 16.0 13.1 19.7

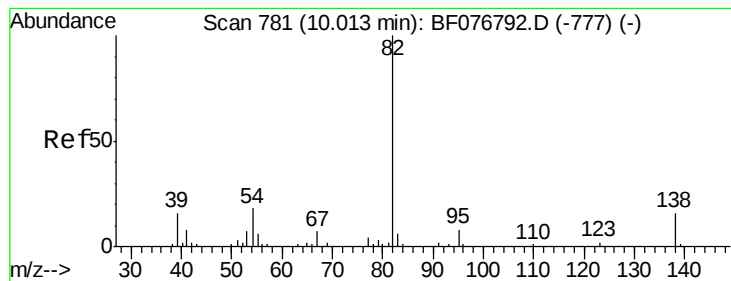


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.59 ng

RT: 10.00 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

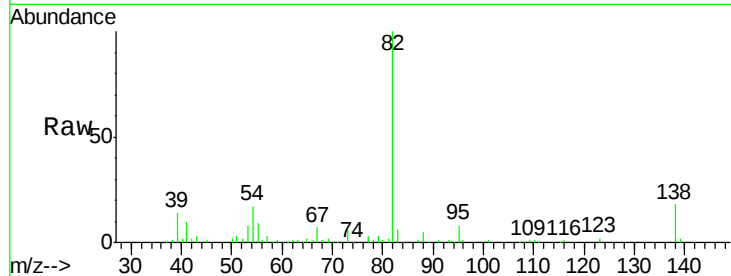
Tot Ion: 82 Resp: 204319

Ion Ratio Lower Upper

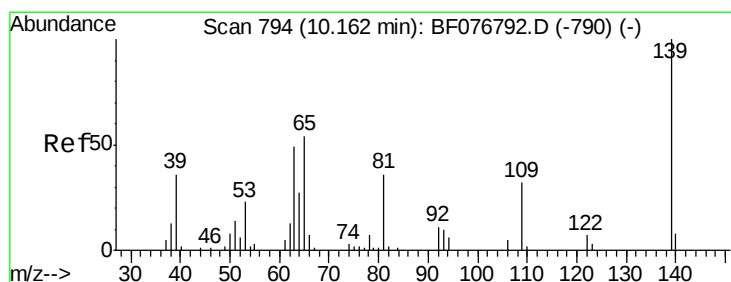
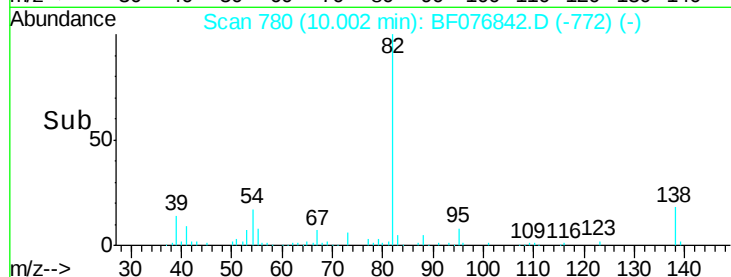
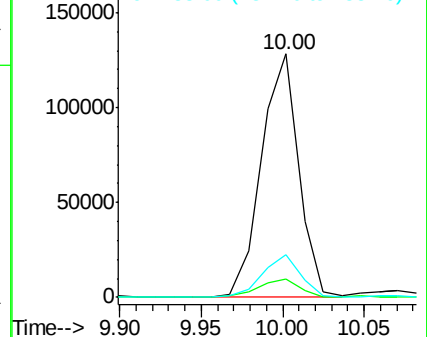
82 100

95 7.7 6.4 9.6

138 17.5 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.86 ng

RT: 10.14 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

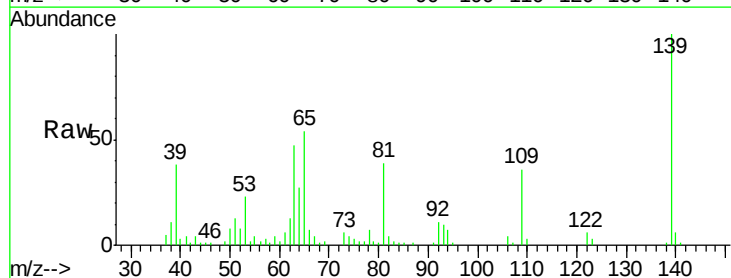
Tgt Ion: 139 Resp: 53384

Ion Ratio Lower Upper

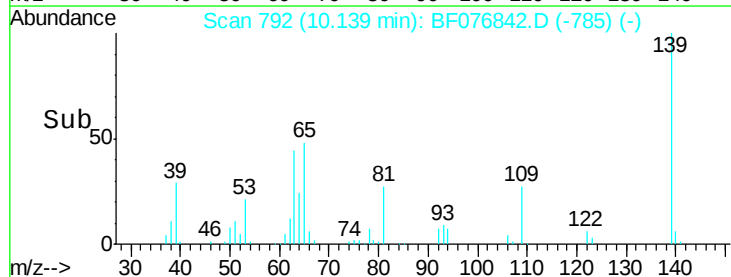
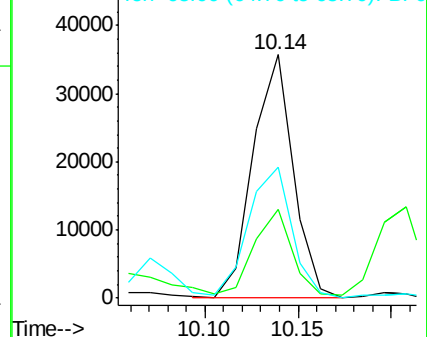
139 100

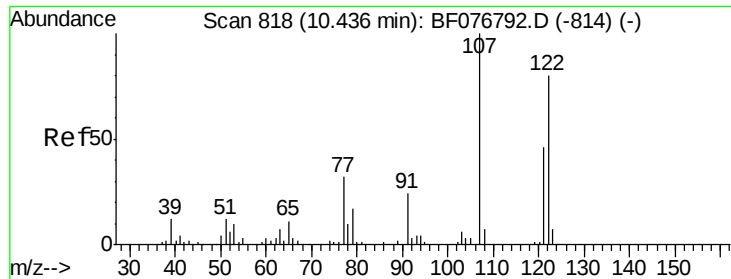
109 36.3 25.4 38.0

65 53.8 43.0 64.4



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





#27

2,4-Dimethylphenol

Concen: 51.07 ng

RT: 10.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

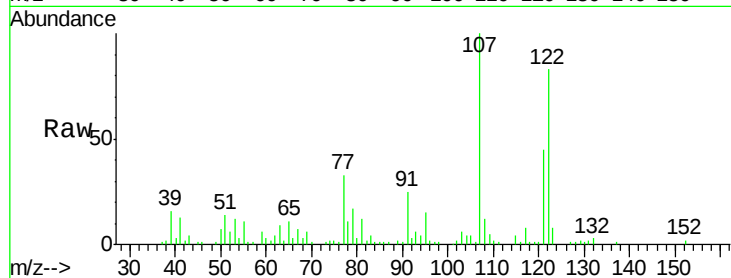
Tot Ion:122 Resp: 103299

Ion Ratio Lower Upper

122 100

107 120.5 100.6 150.8

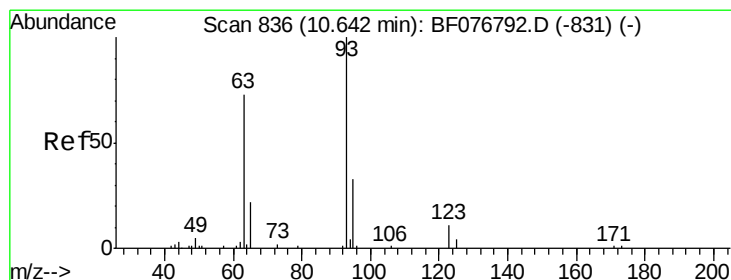
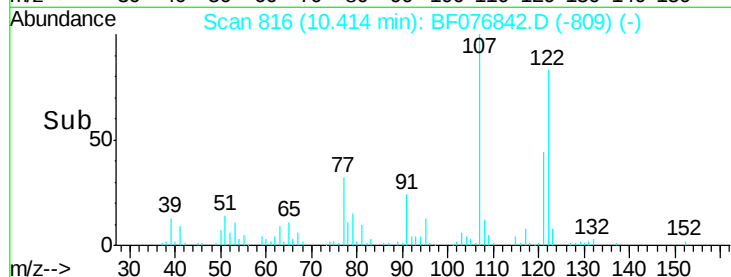
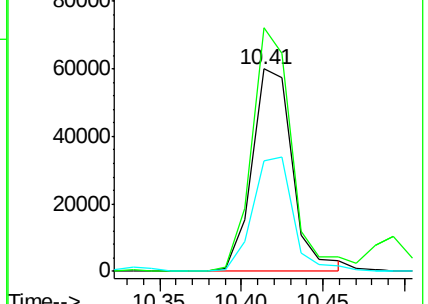
121 54.6 45.8 68.8



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: 47.87 ng

RT: 10.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

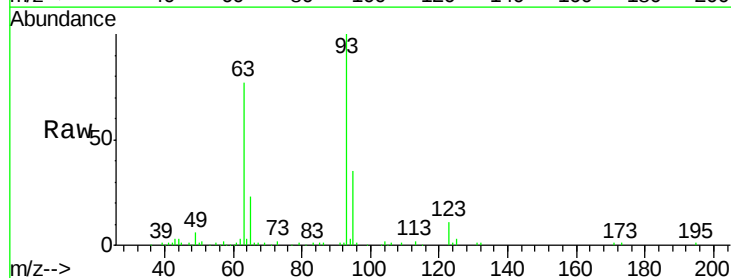
Tgt Ion: 93 Resp: 131808

Ion Ratio Lower Upper

93 100

95 35.1 26.1 39.1

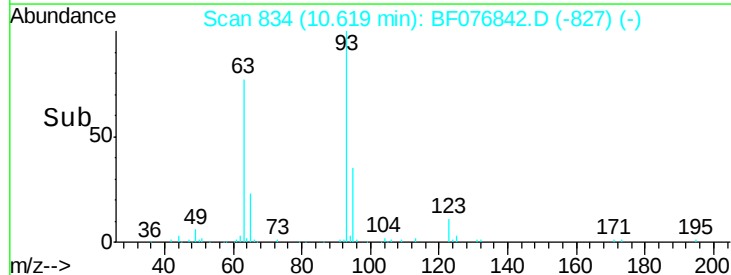
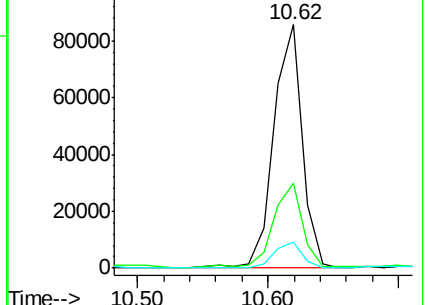
123 10.8 9.0 13.6

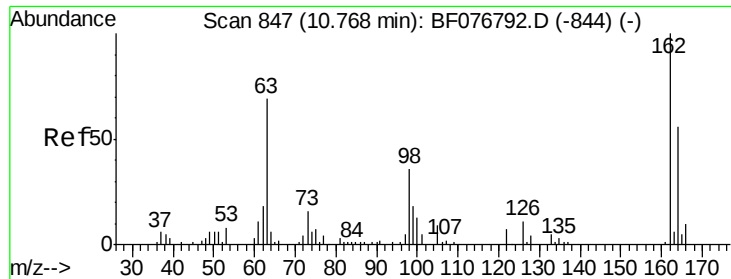


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

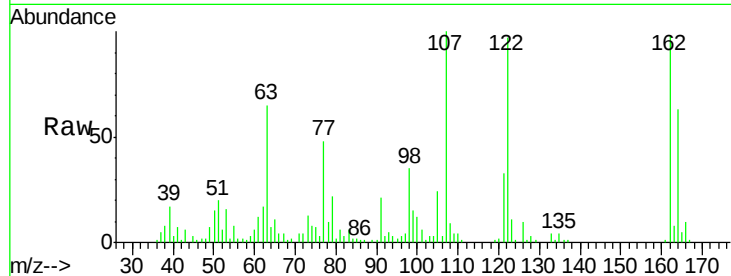




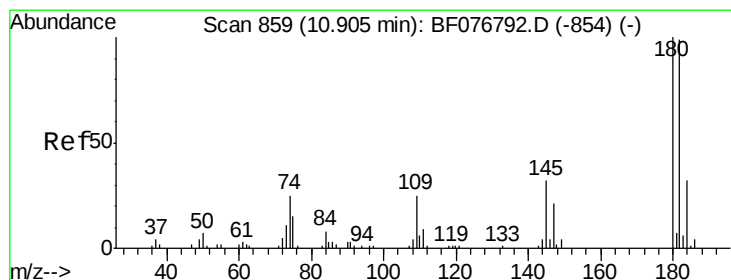
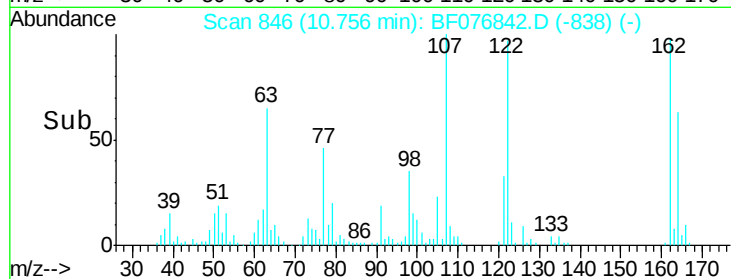
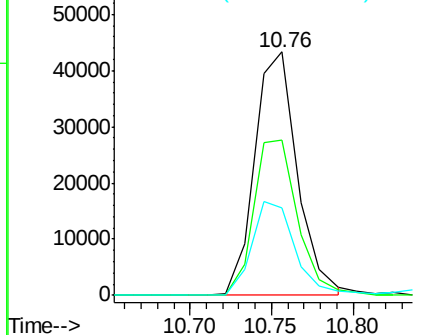
#29
2,4-Dichlorophenol
Concen: 41.01 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tot Ion:162 Resp: 78920
Ion Ratio Lower Upper
162 100
164 64.0 36.4 76.4
98 35.7 16.1 56.1

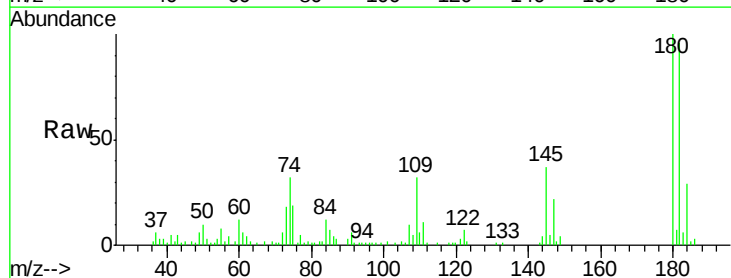


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

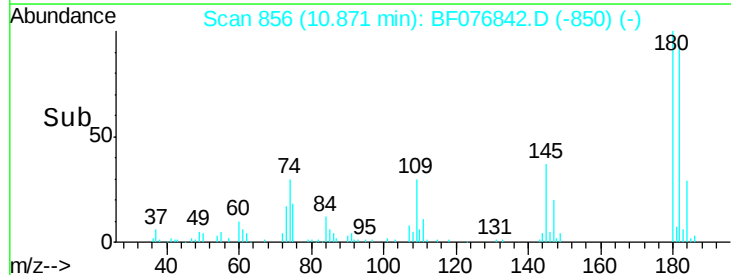
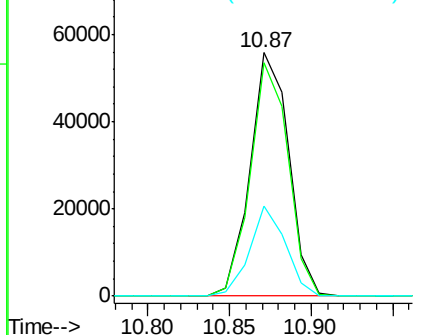


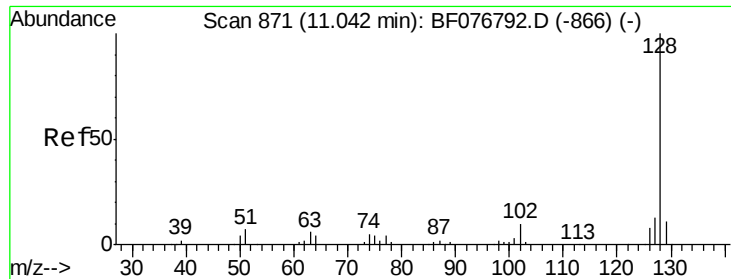
#30
1,2,4-Trichlorobenzene
Concen: 42.22 ng
RT: 10.87 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:180 Resp: 91650
Ion Ratio Lower Upper
180 100
182 95.8 79.4 119.2
145 37.2 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

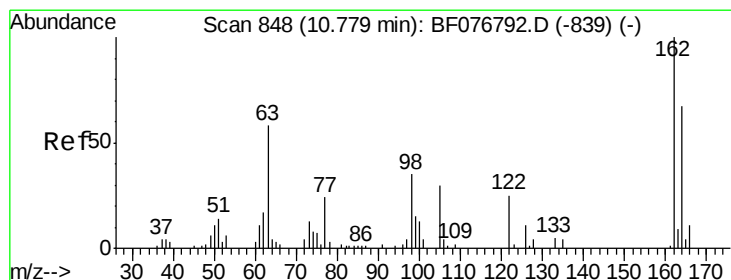
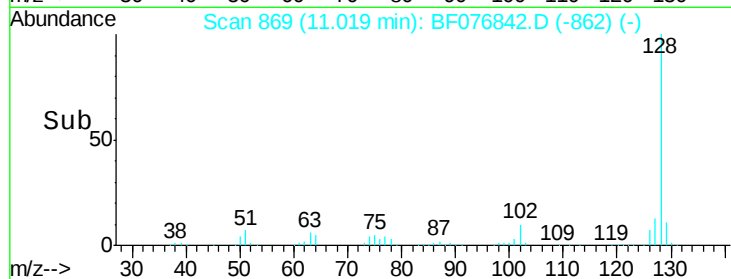
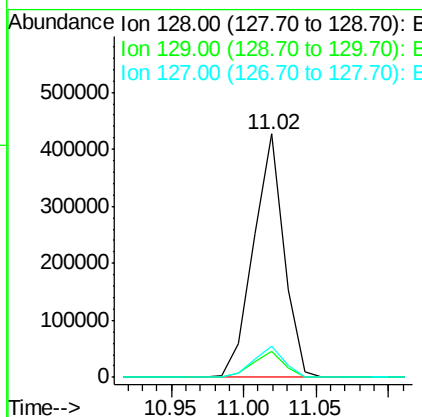
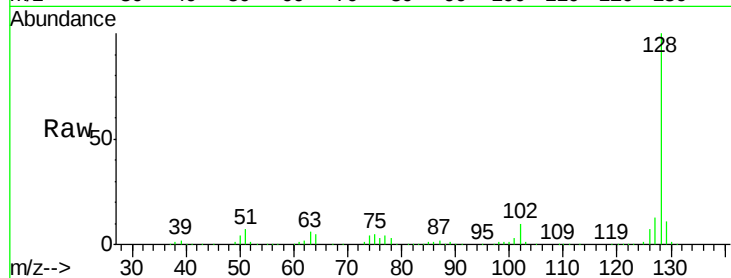




#31
Naphthalene
Concen: 84.53 ng
RT: 11.02 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

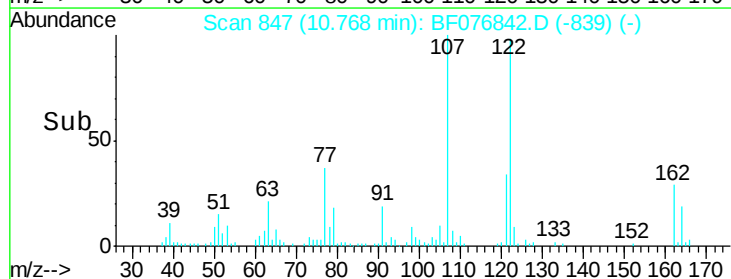
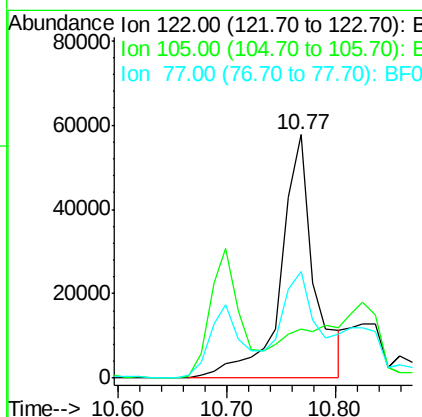
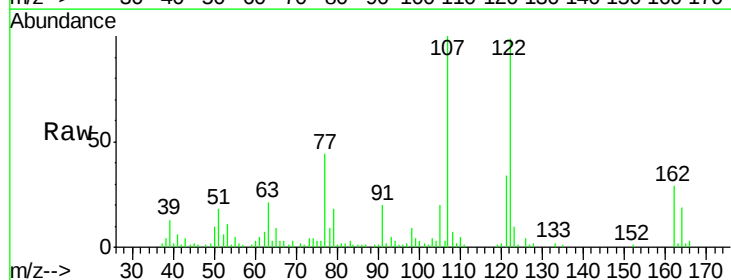
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

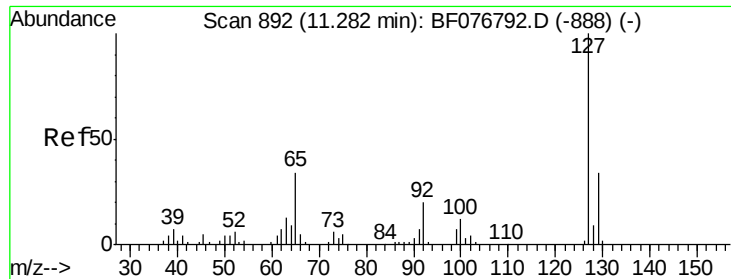
Tot Ion:128 Resp: 621078
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.1 15.1



#32
Benzoic acid
Concen: 124.81 ng
RT: 10.77 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:122 Resp: 123222
Ion Ratio Lower Upper
122 100
105 20.1 101.8 141.8#
77 43.8 76.0 116.0#

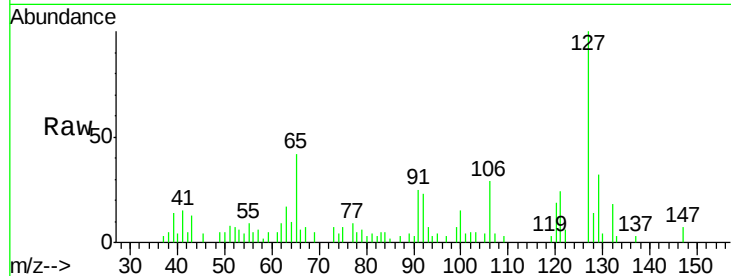




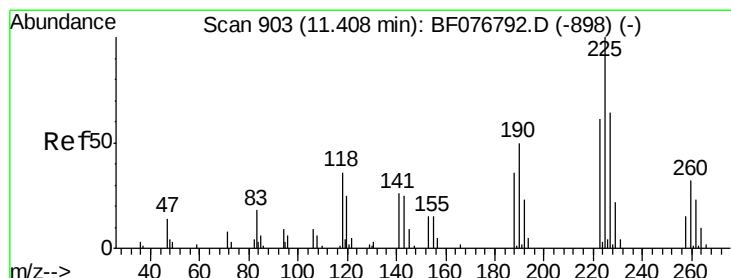
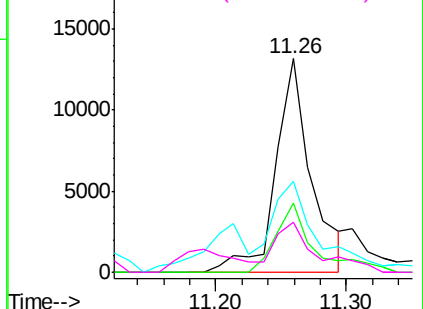
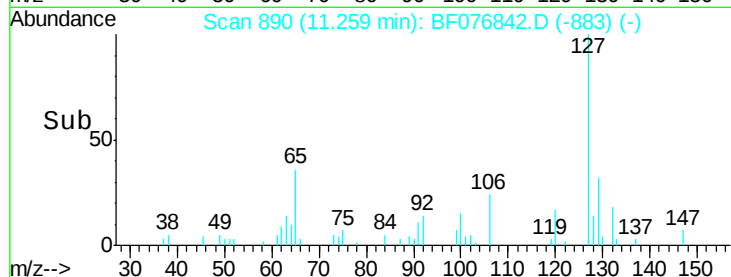
#33
4-Chloroaniline
Concen: 8.69 ng
RT: 11.26 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tot Ion:	127	Resp:	25014
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.0	40.4
65	42.3	27.2	40.8#
92	23.1	16.0	24.0

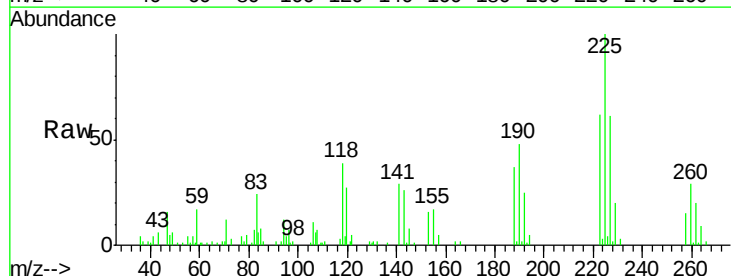


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

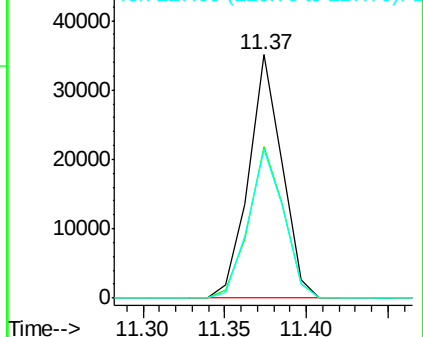
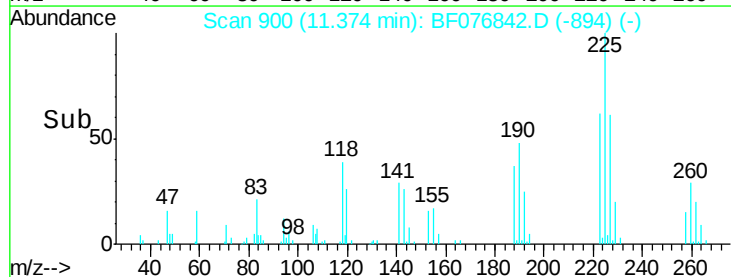


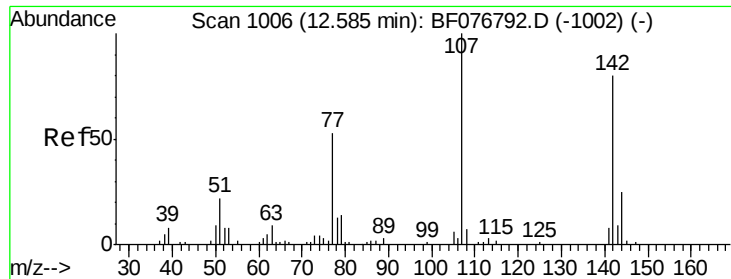
#34
Hexachlorobutadiene
Concen: 40.22 ng
RT: 11.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:	225	Resp:	49944
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.7	73.1
227	61.3	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

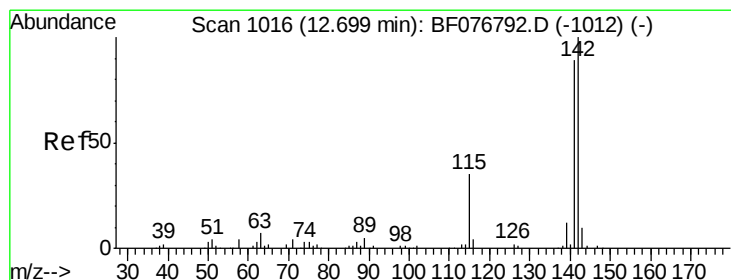
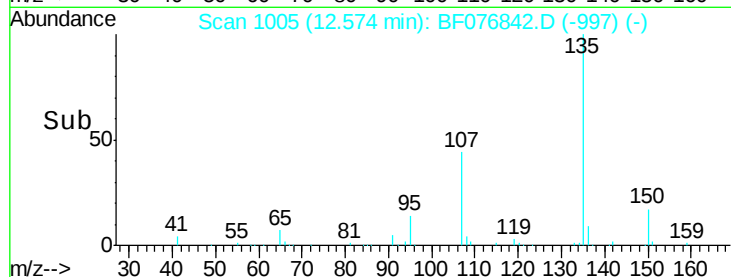
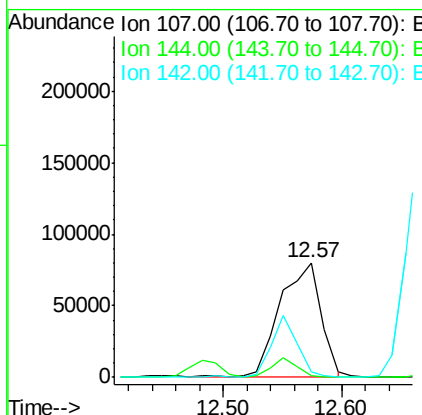
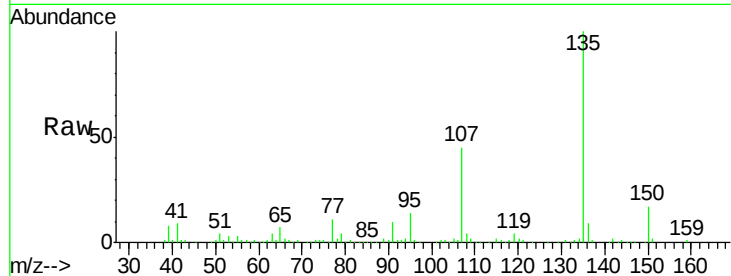




#36
 4-Chloro-3-methylphenol
 Concen: 88.60 ng
 RT: 12.57 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

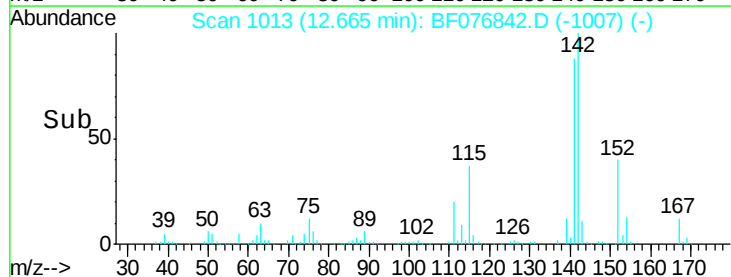
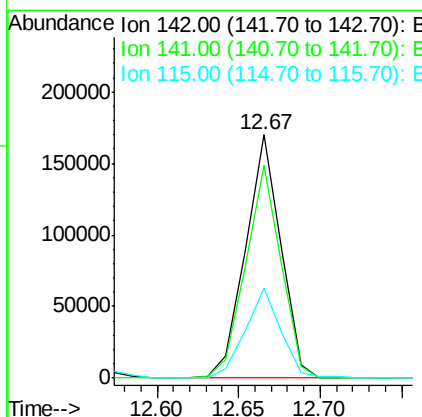
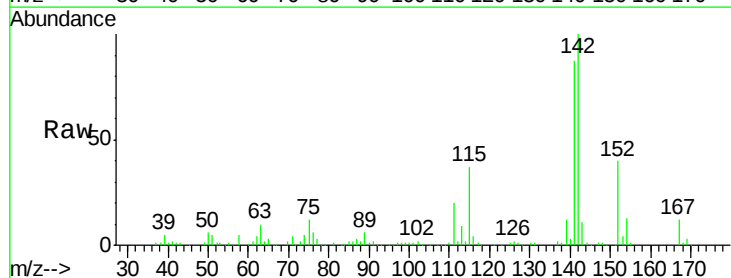
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

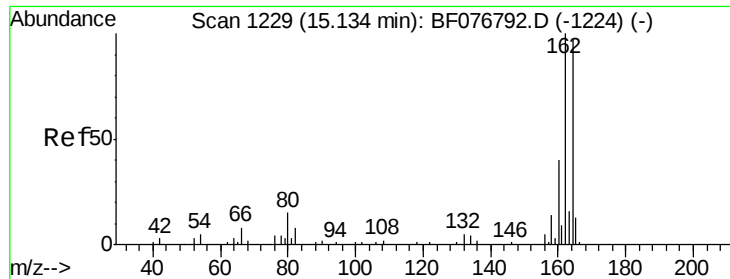
Tot Ion:107 Resp: 189192
 Ion Ratio Lower Upper
 107 100
 144 1.8 19.8 29.8#
 142 4.5 64.0 96.0#



#37
 2-Methylnaphthalene
 Concen: 49.47 ng
 RT: 12.67 min Scan# 1013
 Delta R.T. -0.03 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

Tgt Ion:142 Resp: 255068
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.0 106.4
 115 36.8 28.2 42.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.05 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

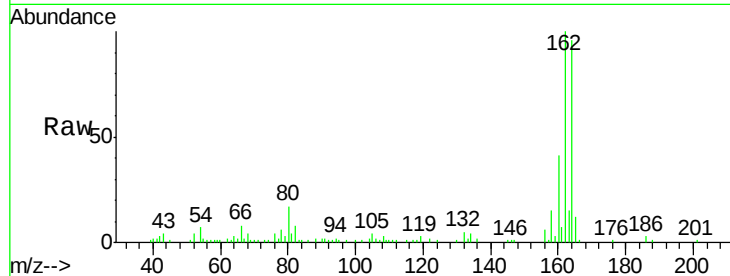
Tot Ion:164 Resp: 72862

Ion Ratio Lower Upper

164 100

162 104.5 82.5 123.7

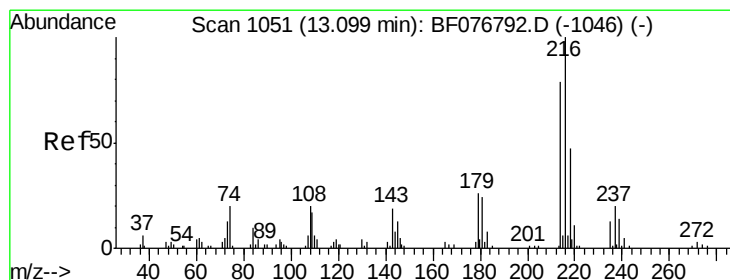
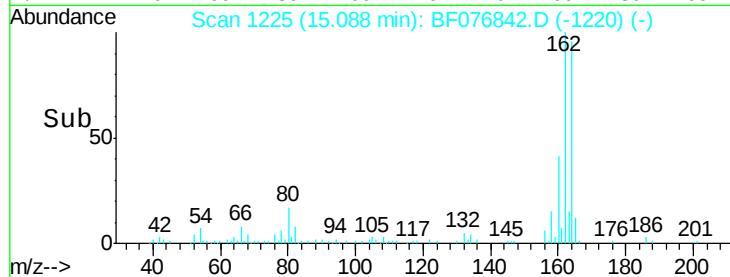
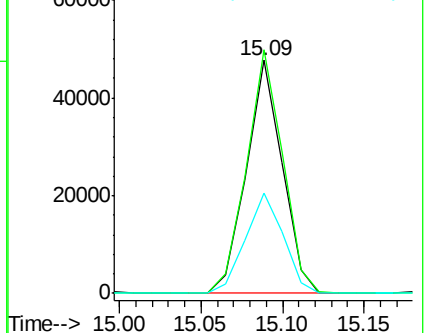
160 43.1 33.1 49.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.53 ng

RT: 13.07 min Scan# 1048

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Tgt Ion:216 Resp: 84239

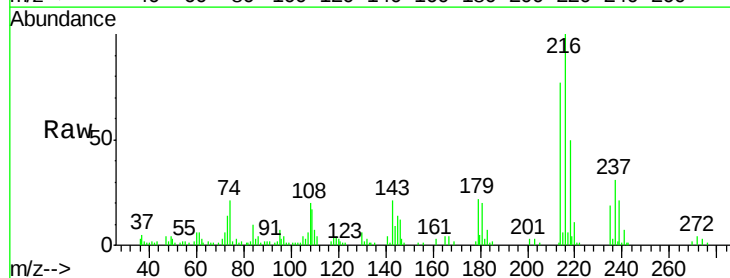
Ion Ratio Lower Upper

216 100

214 75.5 65.0 97.4

179 22.9 20.2 30.2

108 24.1 18.1 27.1

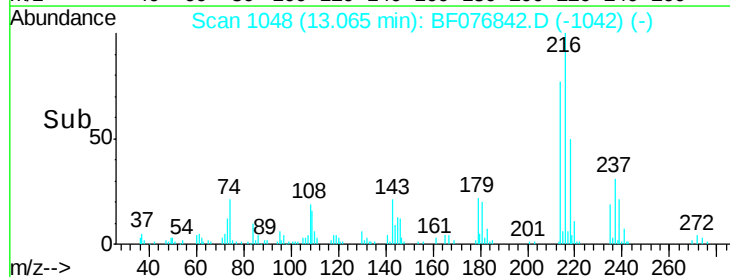
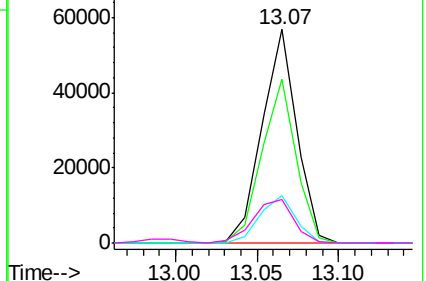


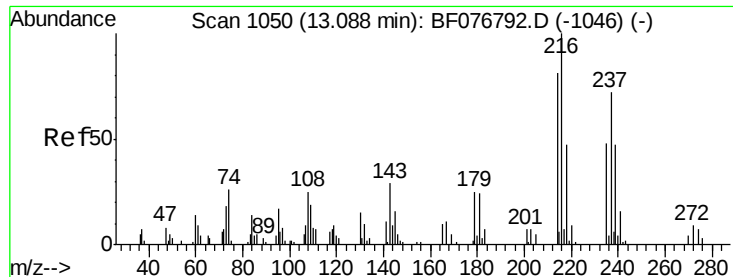
Abundance Ion 216.00 (215.70 to 216.70): E

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

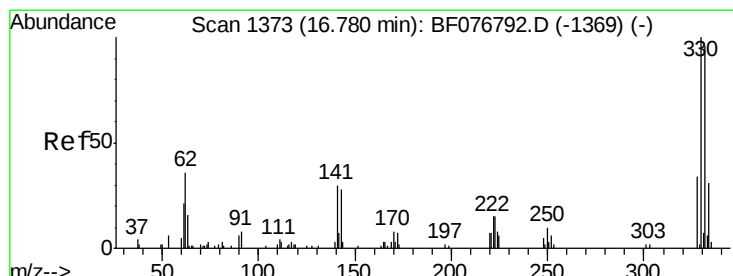
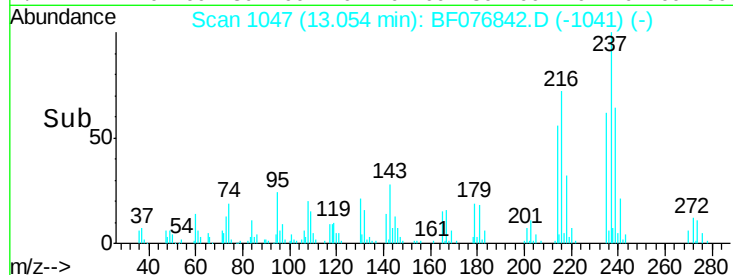
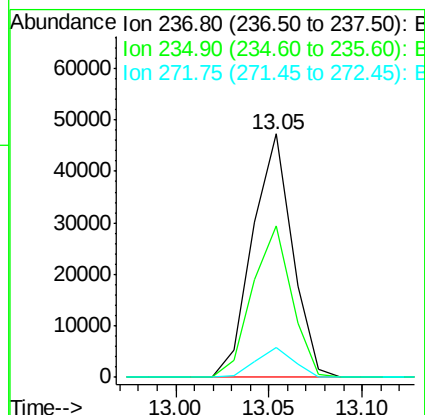
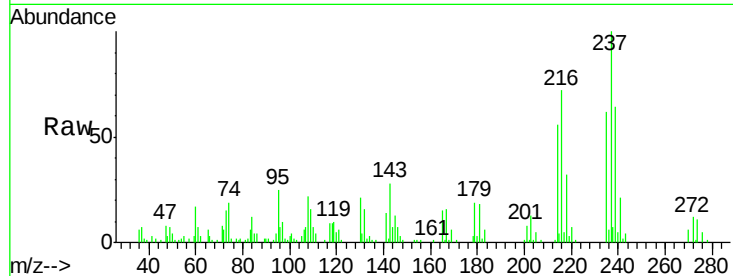




#40
Hexachlorocyclopentadiene
Concen: 66.78 ng
RT: 13.05 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

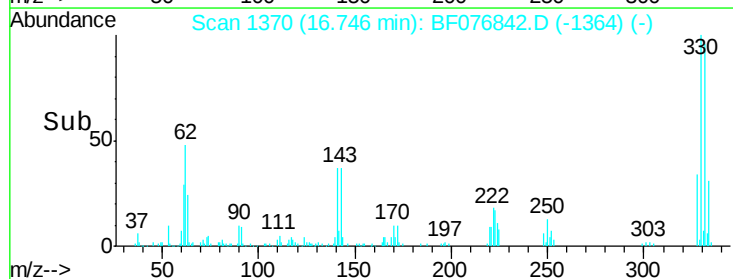
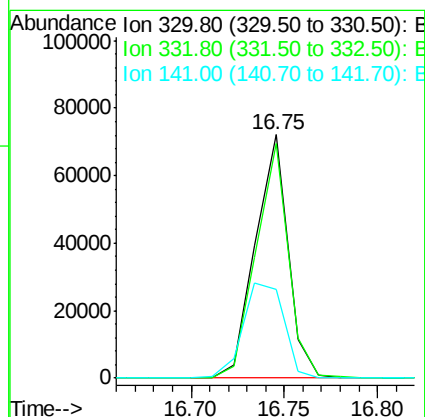
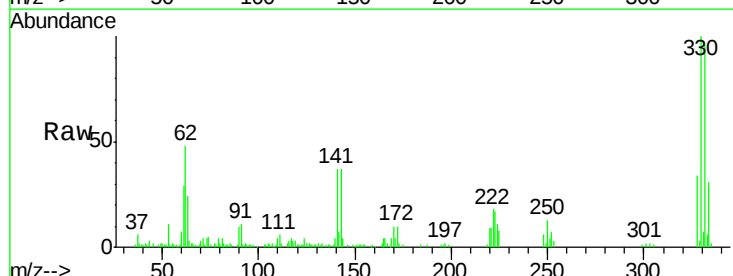
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

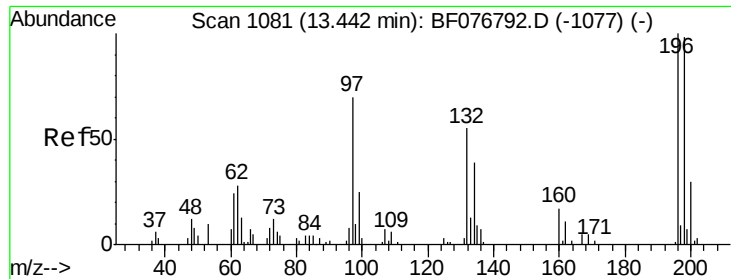
Tot Ion:237 Resp: 69974
Ion Ratio Lower Upper
237 100
235 62.1 46.3 86.3
272 12.2 0.0 32.4



#41
2,4,6-Tribromophenol
Concen: 143.79 ng
RT: 16.75 min Scan# 1370
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:330 Resp: 87445
Ion Ratio Lower Upper
330 100
332 95.2 74.8 112.2
141 49.6 42.4 63.6

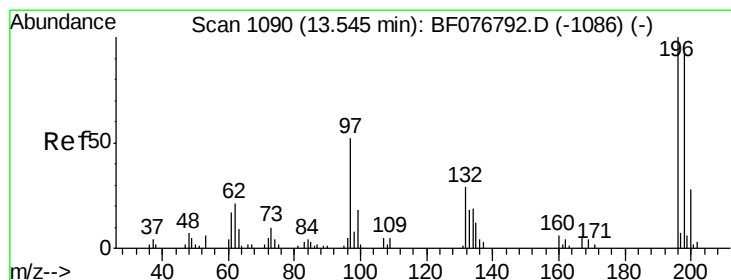
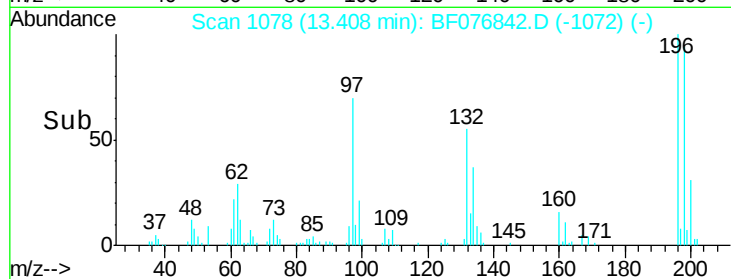
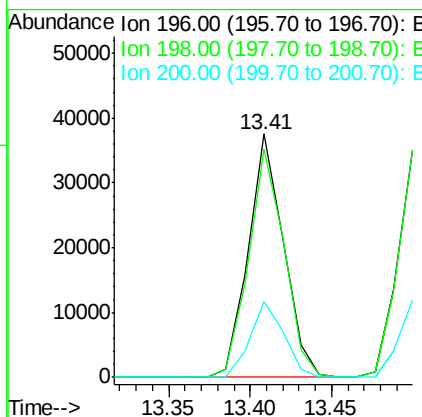
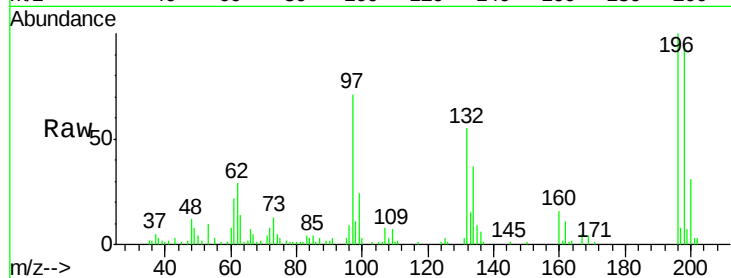




#42
2,4,6-Trichlorophenol
Concen: 42.81 ng
RT: 13.41 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

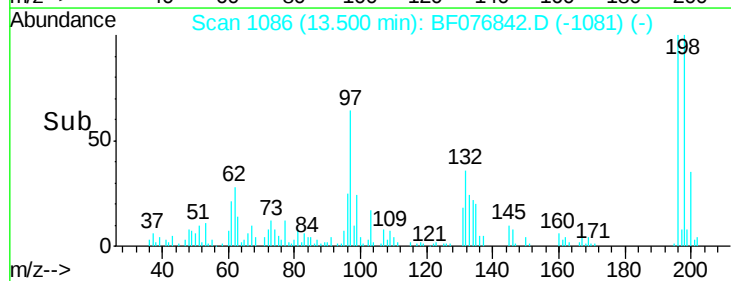
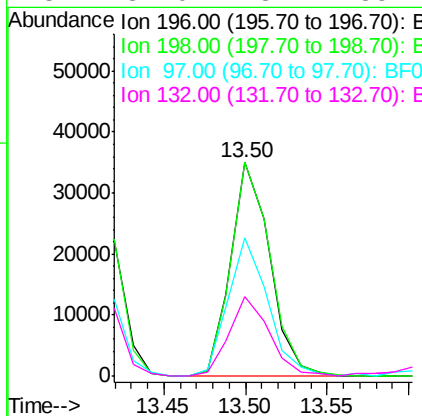
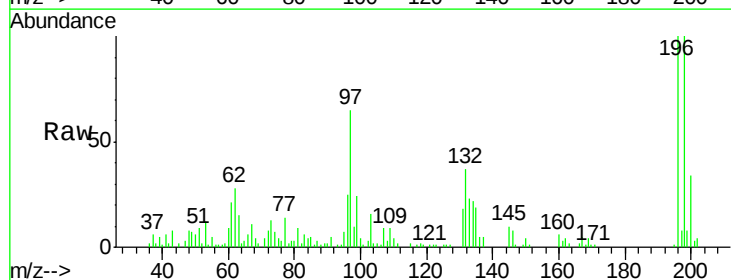
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

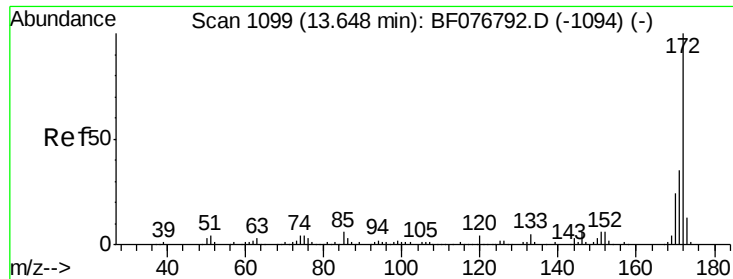
Tot Ion:196 Resp: 56285
Ion Ratio Lower Upper
196 100
198 93.7 78.4 117.6
200 31.3 24.4 36.6



#43
2,4,5-Trichlorophenol
Concen: 42.07 ng
RT: 13.50 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:196 Resp: 58147
Ion Ratio Lower Upper
196 100
198 100.2 73.8 110.8
97 64.7 41.3 61.9#
132 37.0 23.4 35.2#

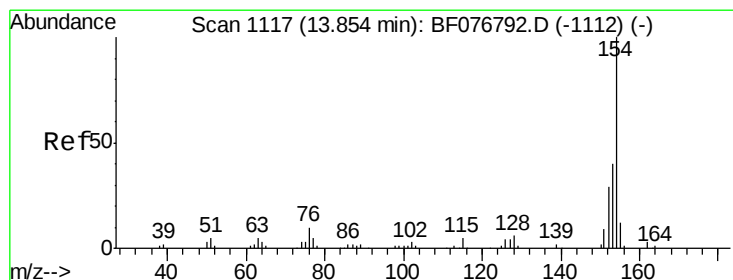
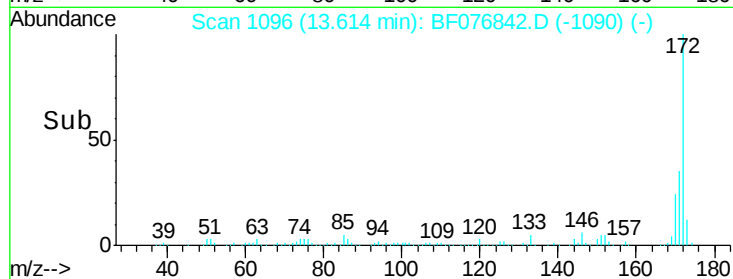
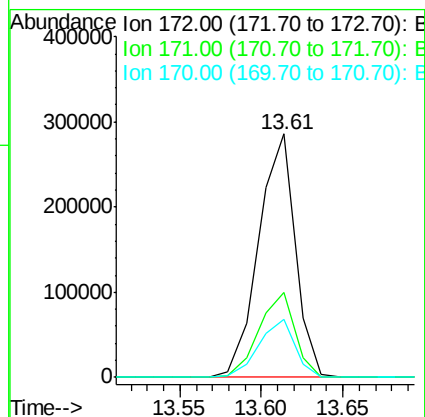
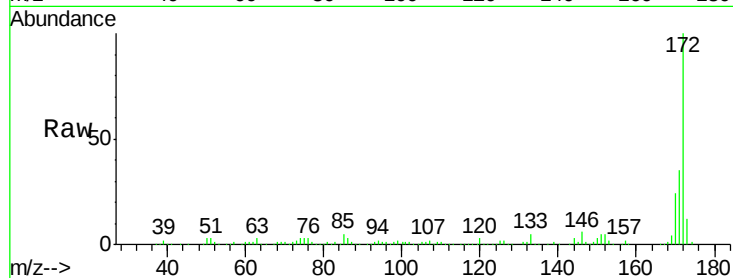




#44
2-Fluorobiphenyl
Concen: 90.59 ng
RT: 13.61 min Scan# 1096
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

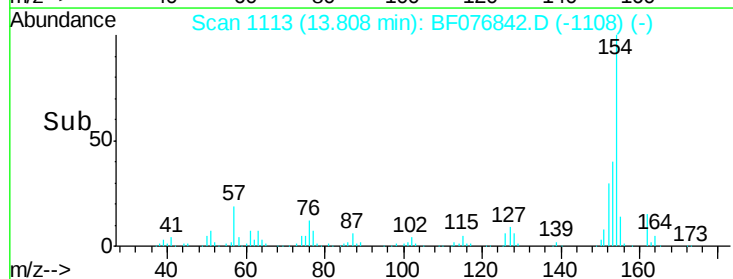
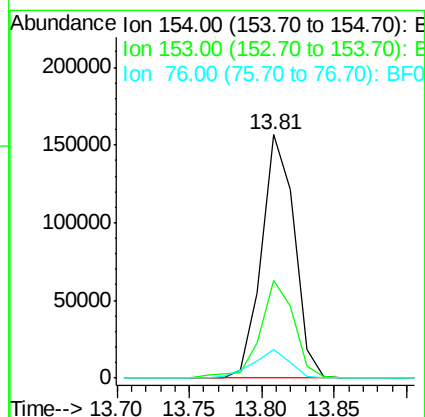
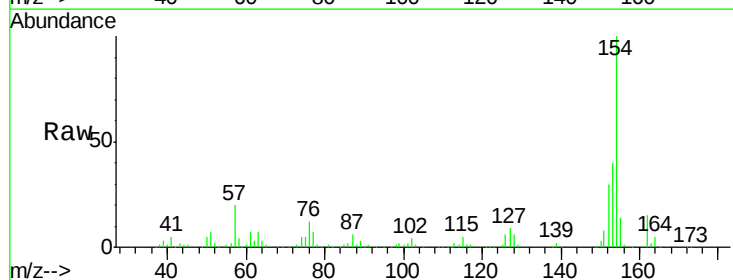
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

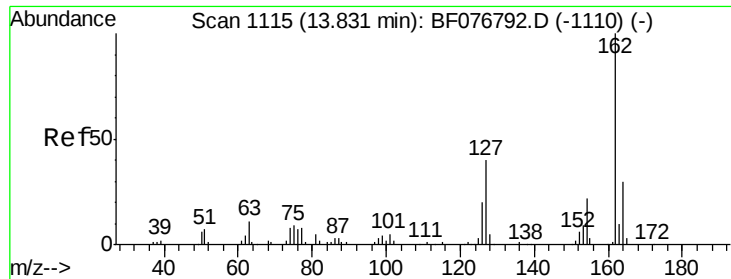
Tot Ion:172 Resp: 448470
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.6 18.8 28.2



#45
1,1'-Biphenyl
Concen: 43.80 ng
RT: 13.81 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:154 Resp: 245351
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 11.9 0.0 29.9

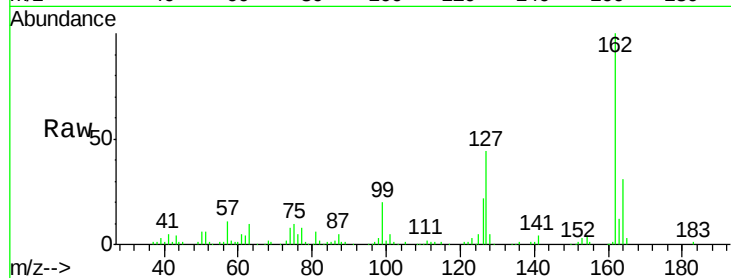




#46
2-Chloronaphthalene
Concen: 43.69 ng
RT: 13.79 min Scan# 1111
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	31.8	47.6
164	31.2	24.1	36.1

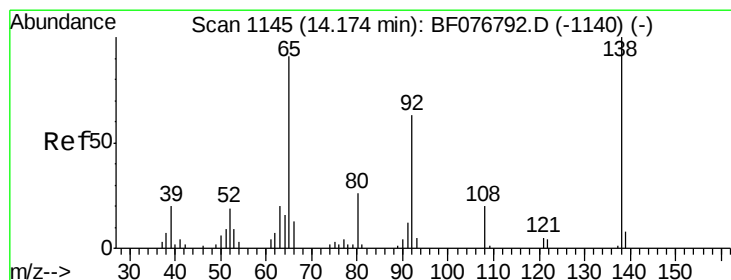
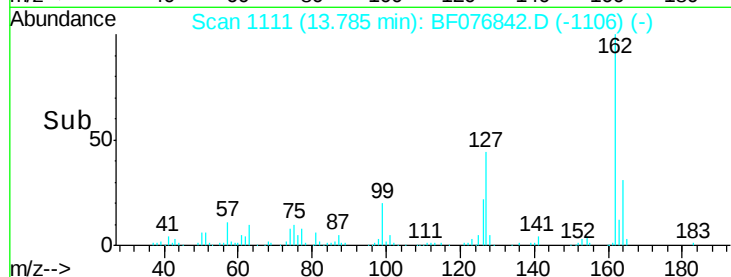
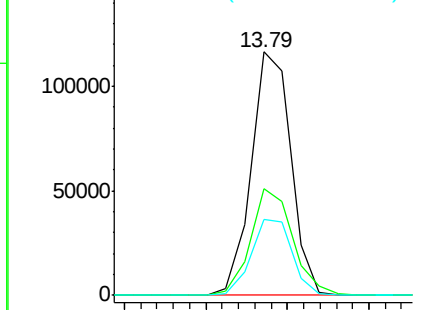


Abundance

Ion 162.00 (161.70 to 162.70): E

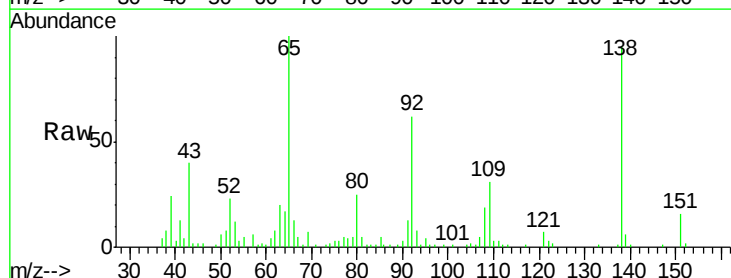
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47
2-Nitroaniline
Concen: 51.73 ng
RT: 14.13 min Scan# 1141
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.0	56.0	84.0
138	95.0	88.2	132.4

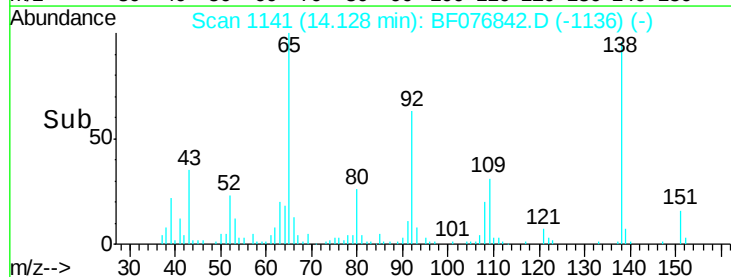
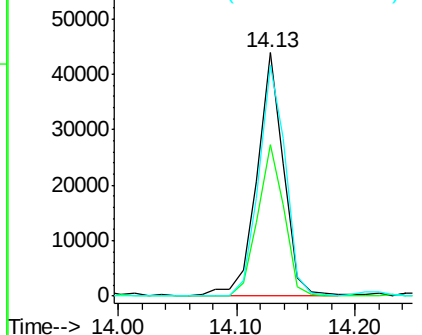


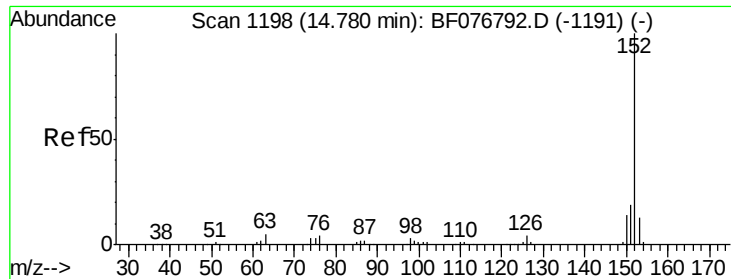
Abundance

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 41.80 ng

RT: 14.75 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

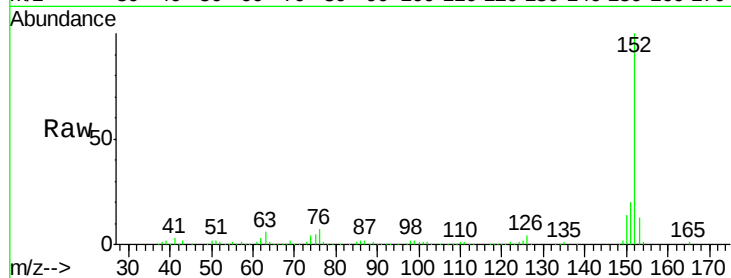
Tot Ion:152 Resp: 318908

Ion Ratio Lower Upper

152 100

151 19.9 15.2 22.8

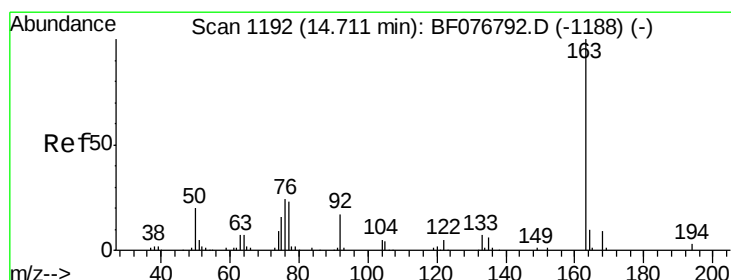
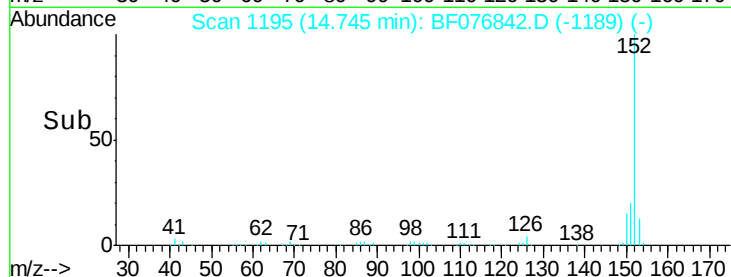
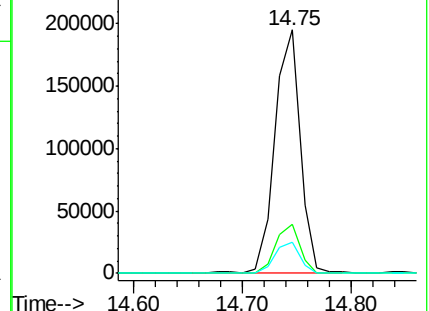
153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.87 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

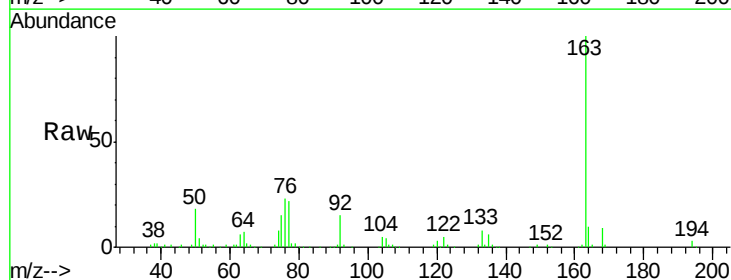
Tgt Ion:163 Resp: 253482

Ion Ratio Lower Upper

163 100

194 2.8 2.3 3.5

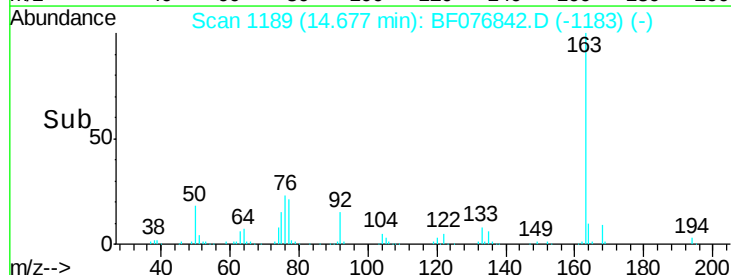
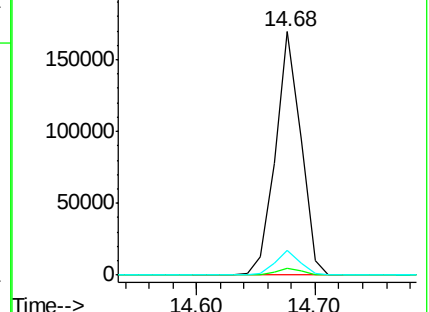
164 10.3 8.3 12.5

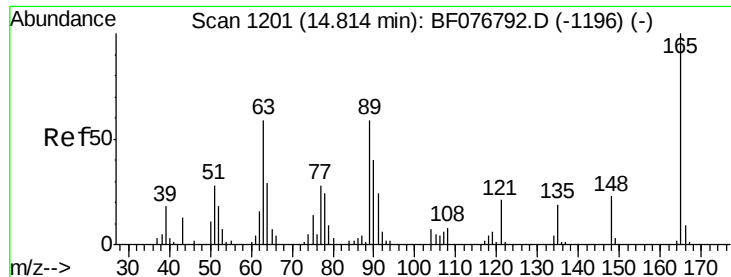


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

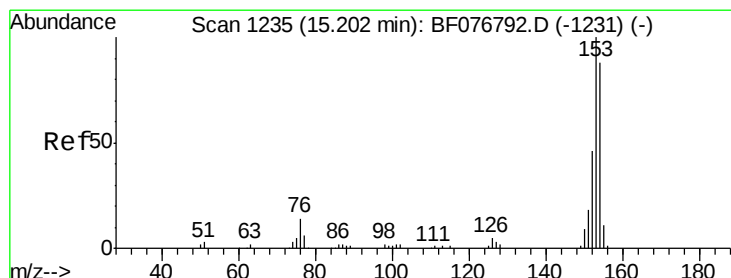
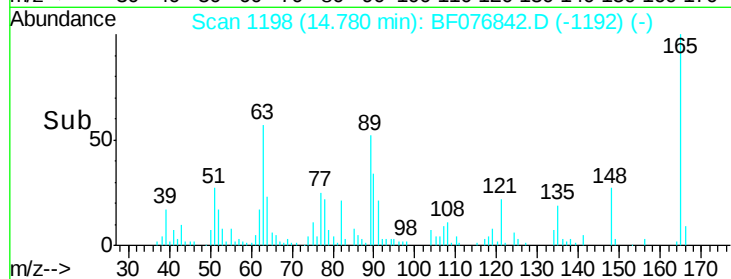
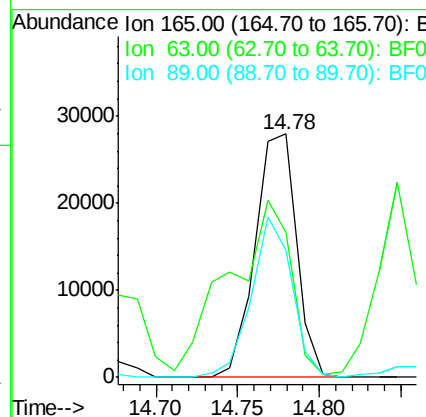
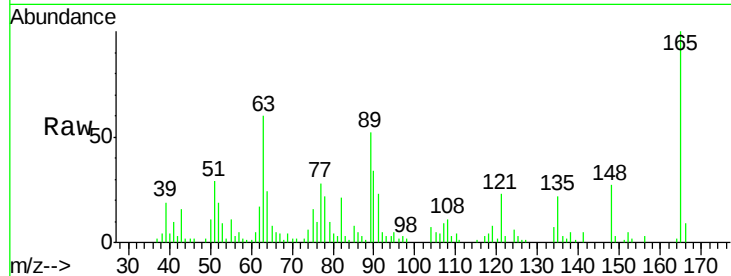




#50
2,6-Dinitrotoluene
Concen: 44.05 ng
RT: 14.78 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

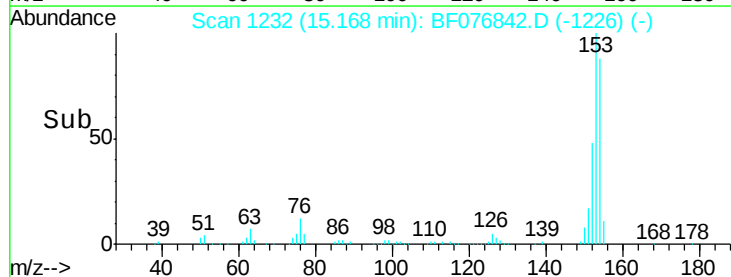
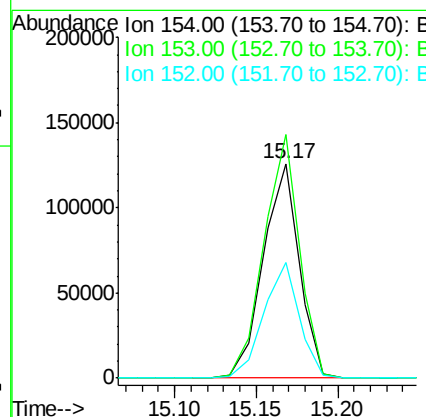
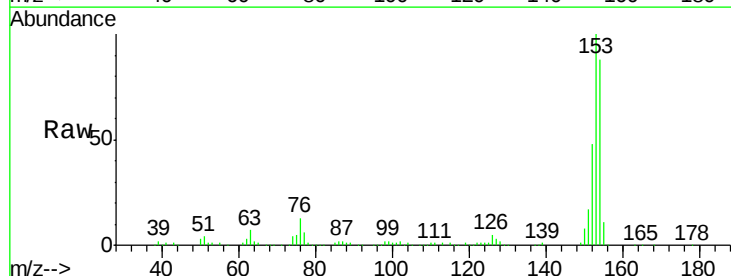
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

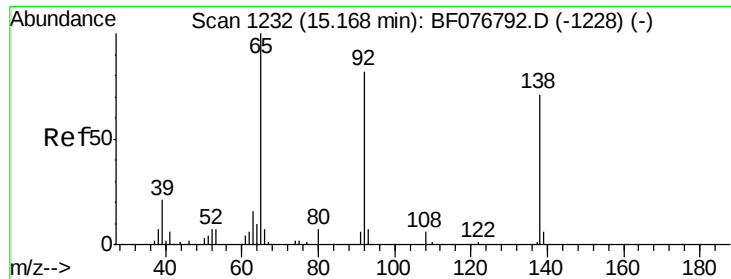
Tot Ion:165 Resp: 49455
Ion Ratio Lower Upper
165 100
63 59.7 49.8 74.8
89 52.1 46.8 70.2



#51
Acenaphthene
Concen: 44.90 ng
RT: 15.17 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:154 Resp: 193510
Ion Ratio Lower Upper
154 100
153 113.5 91.0 136.6
152 54.1 42.2 63.2

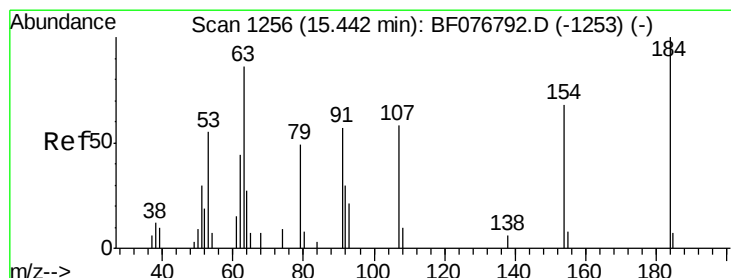
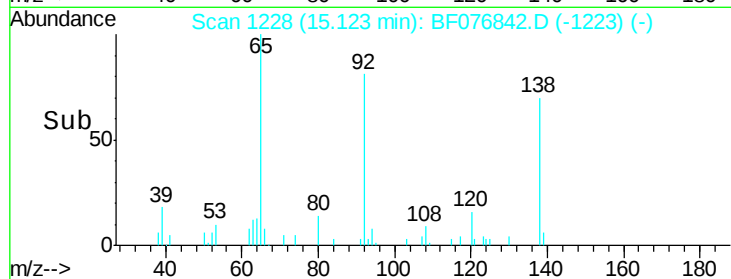
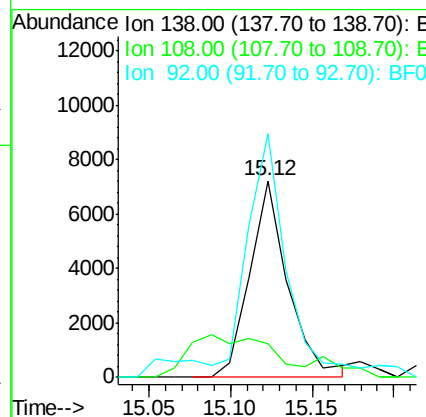
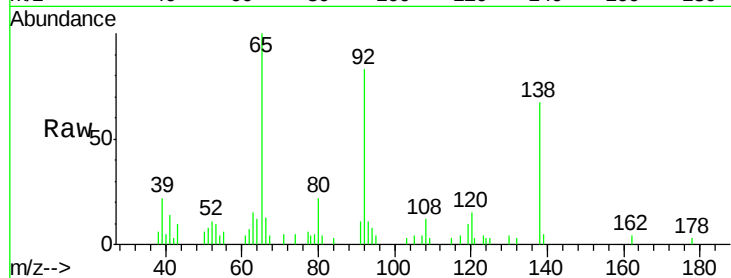




#52
3-Nitroaniline
Concen: 9.17 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

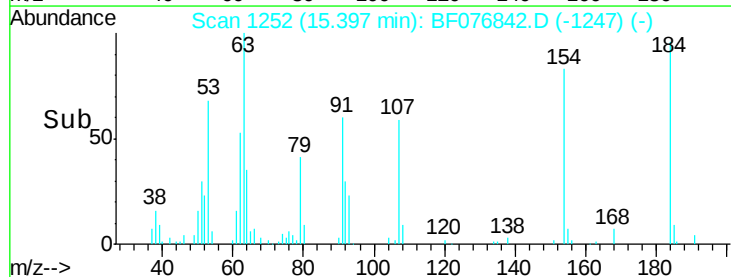
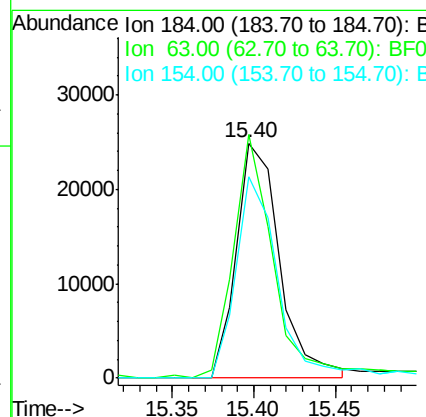
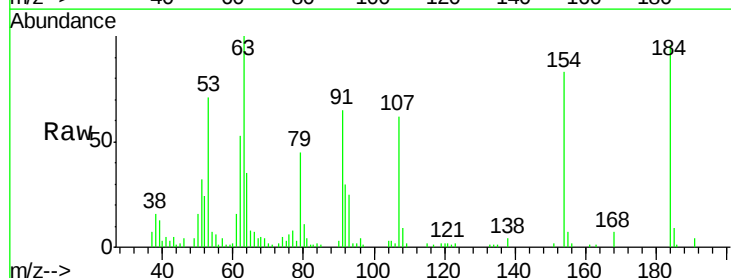
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

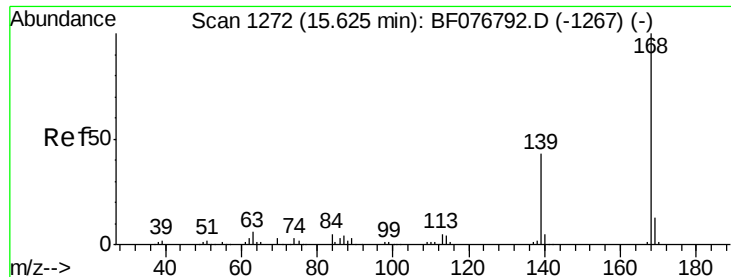
Tot Ion:138 Resp: 11761
Ion Ratio Lower Upper
138 100
108 17.4 8.6 13.0#
92 123.8 92.0 138.0



#53
2,4-Dinitrophenol
Concen: 95.87 ng
RT: 15.40 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:184 Resp: 45909
Ion Ratio Lower Upper
184 100
63 103.7 68.6 102.8#
154 85.9 54.8 82.2#





#54

Dibenzofuran

Concen: 43.73 ng

RT: 15.59 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

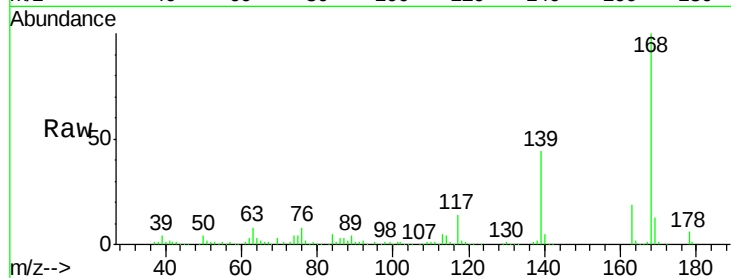
Tot Ion:168 Resp: 275708

Ion Ratio Lower Upper

168 100

139 43.9 34.2 51.4

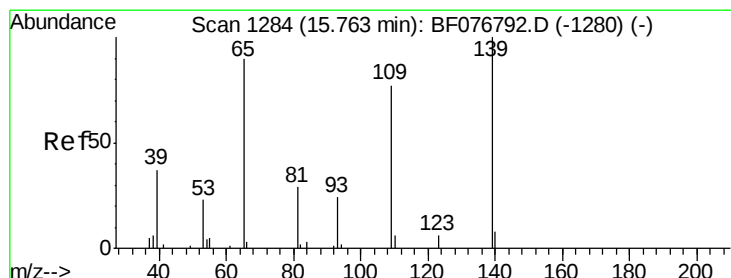
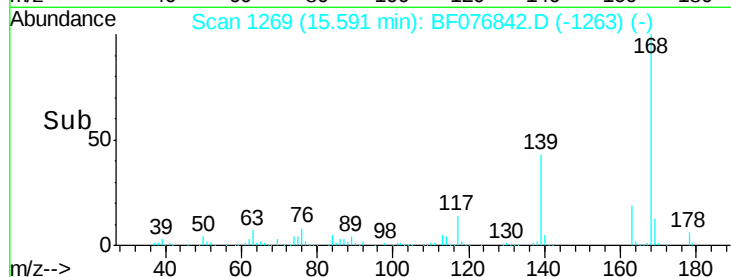
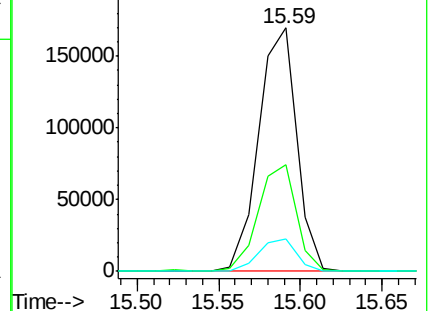
169 13.4 10.5 15.7



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: 41.28 ng

RT: 15.74 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

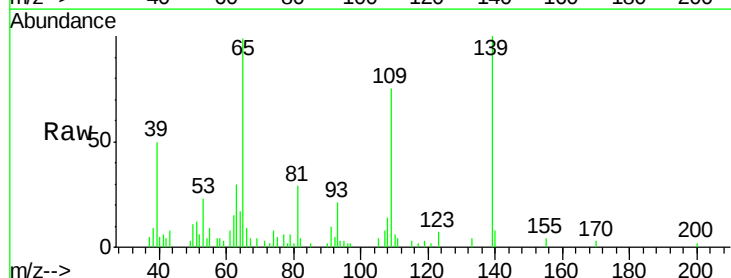
Tgt Ion:139 Resp: 34106

Ion Ratio Lower Upper

139 100

109 75.3 57.5 97.5

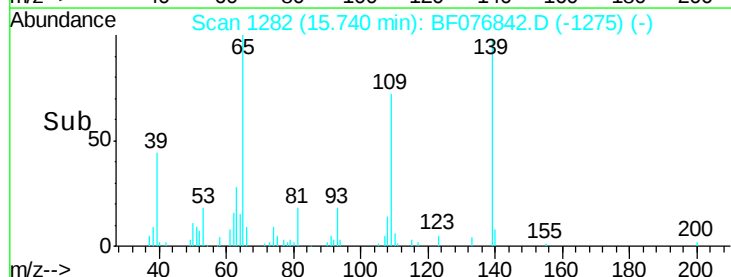
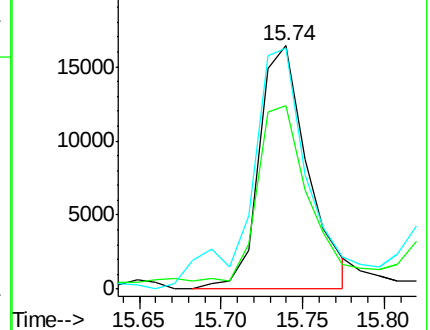
65 98.9 77.3 117.3

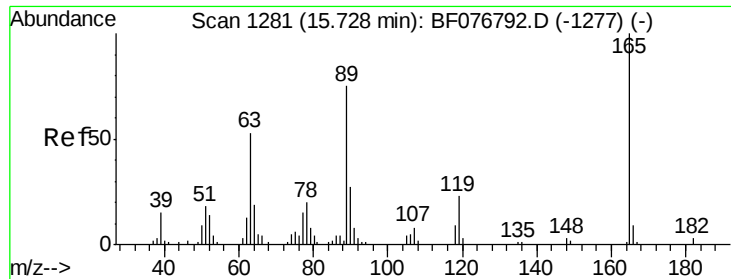


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 47.54 ng

RT: 15.69 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

Tot Ion:165 Resp: 68164

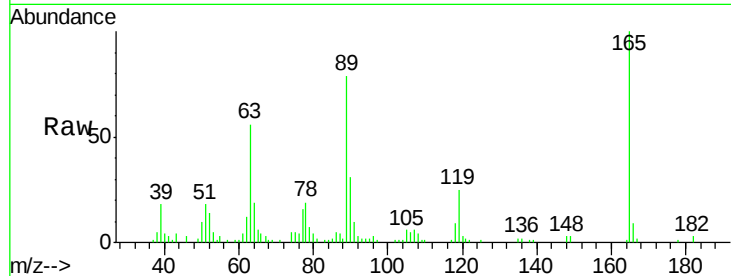
Ion Ratio Lower Upper

165 100

63 56.3 42.5 63.7

89 78.8 60.2 90.2

182 2.8 2.0 3.0

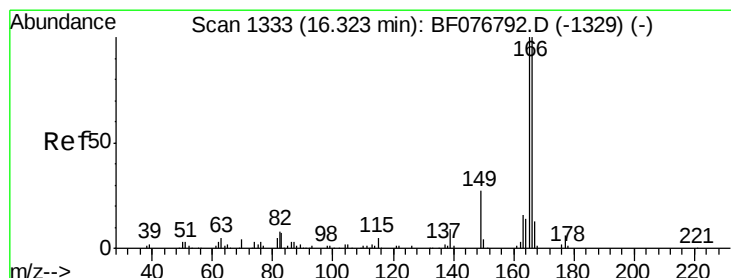
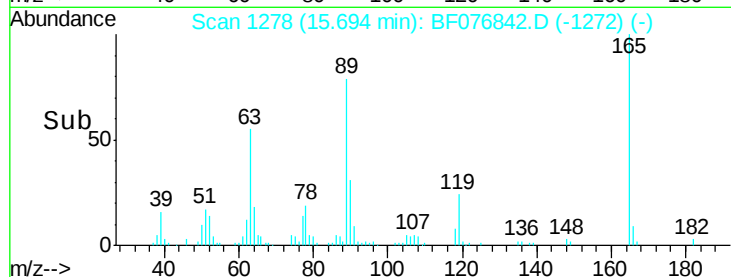
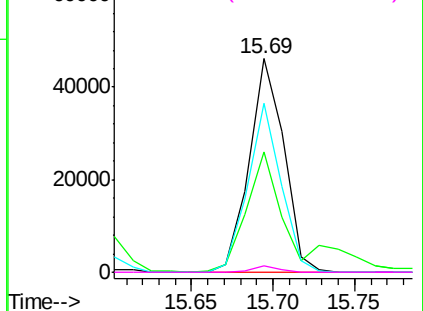


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.10 ng

RT: 16.29 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

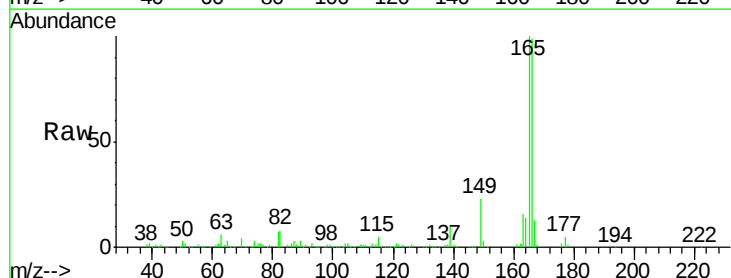
Tgt Ion:166 Resp: 226950

Ion Ratio Lower Upper

166 100

165 100.7 79.6 119.4

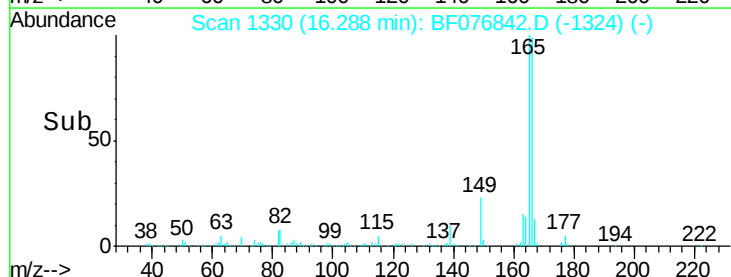
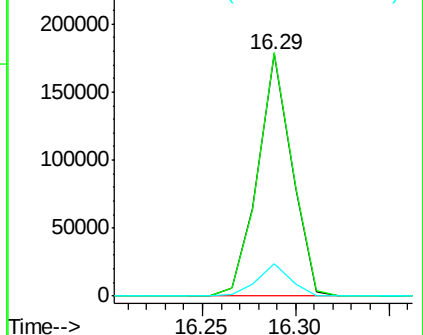
167 13.2 10.2 15.2

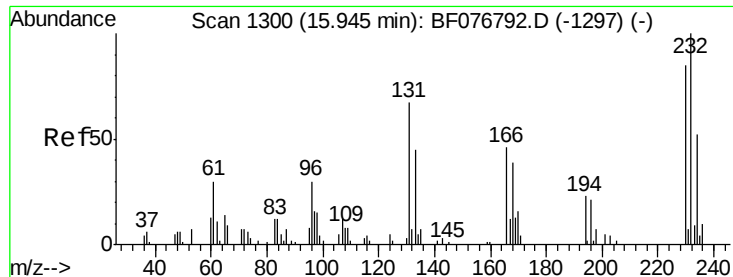


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

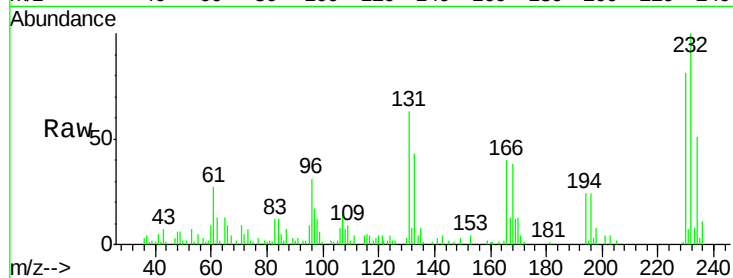




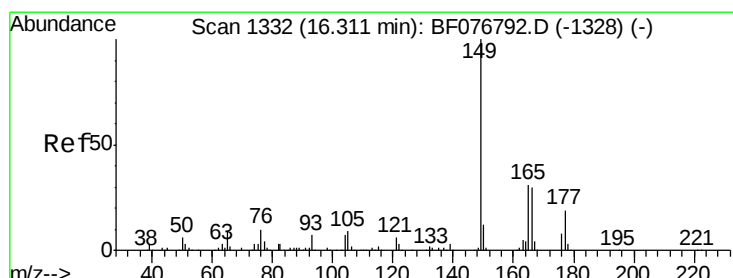
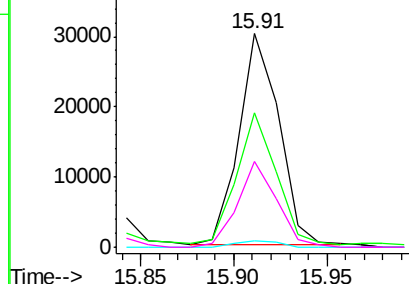
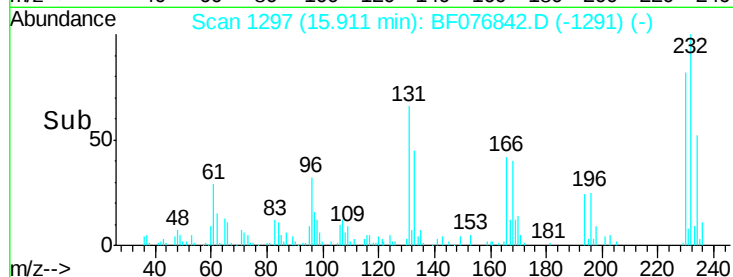
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.98 ng
 RT: 15.91 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tot Ion:232 Resp: 44972
 Ion Ratio Lower Upper
 232 100
 131 60.8 49.4 74.0
 130 3.4 2.4 3.6
 166 39.9 32.8 49.2

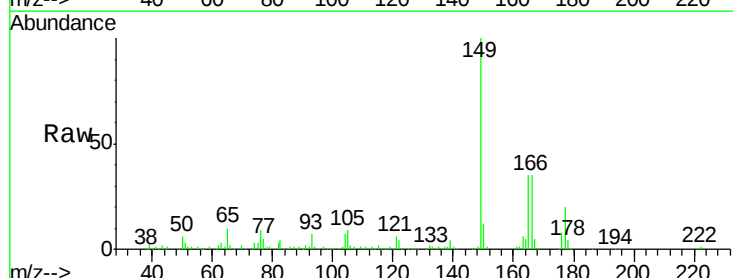


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

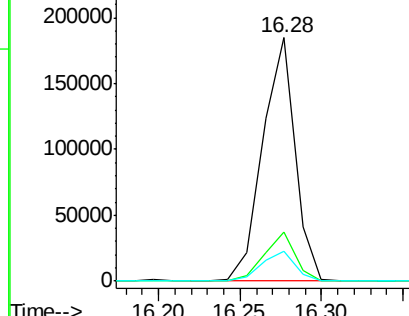
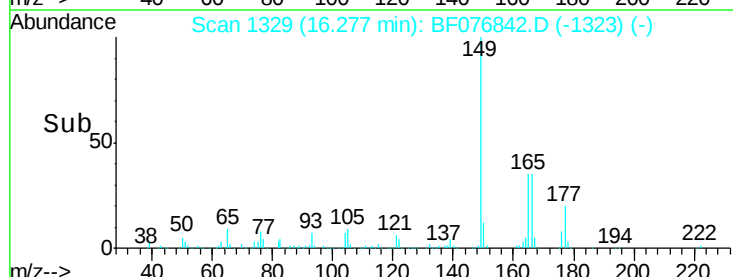


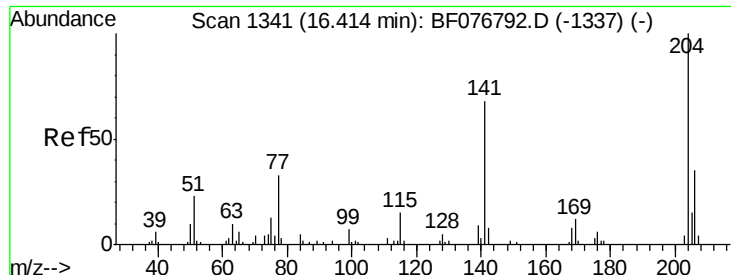
#59
 Diethylphthalate
 Concen: 47.14 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. -0.03 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

Tgt Ion:149 Resp: 257135
 Ion Ratio Lower Upper
 149 100
 177 20.0 15.4 23.2
 150 12.0 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

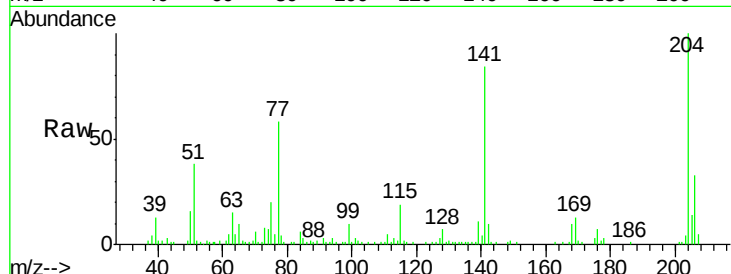




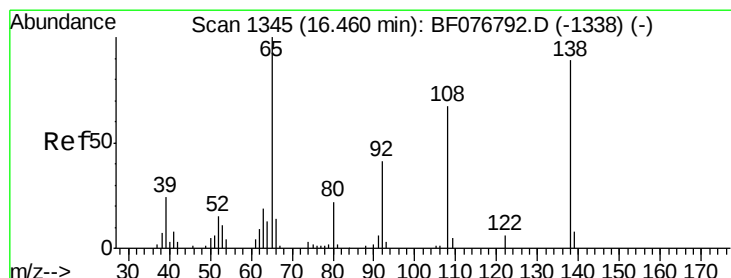
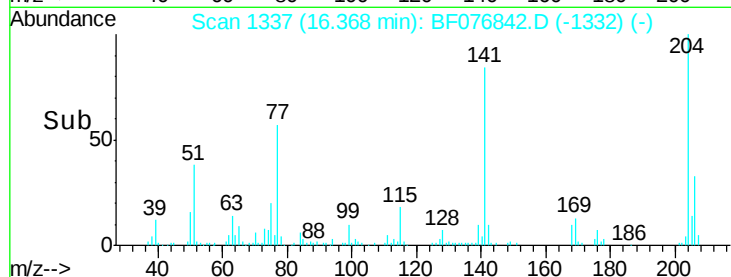
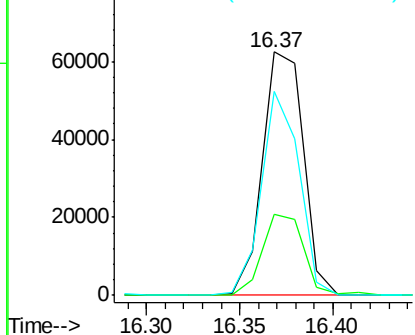
#60
4-Chlorophenyl-phenylether
Concen: 42.48 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tot Ion:204 Resp: 95997
Ion Ratio Lower Upper
204 100
206 33.1 27.7 41.5
141 84.0 54.6 82.0#

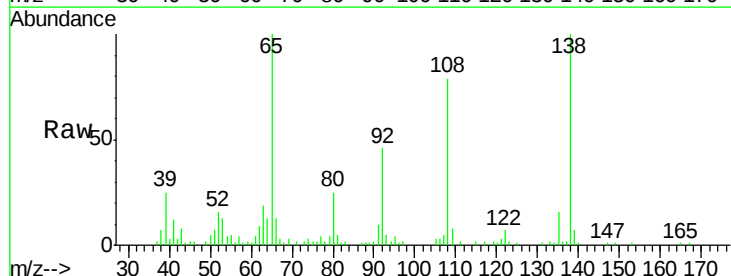


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

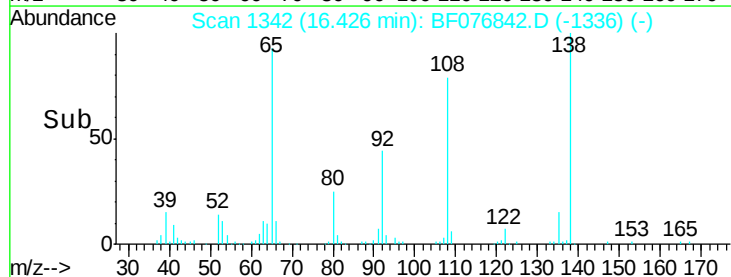
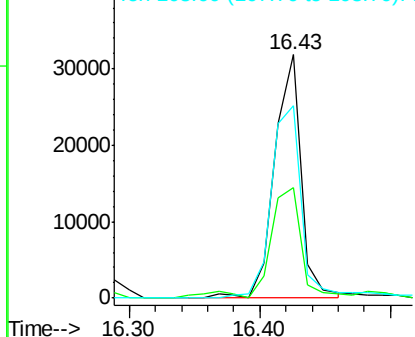


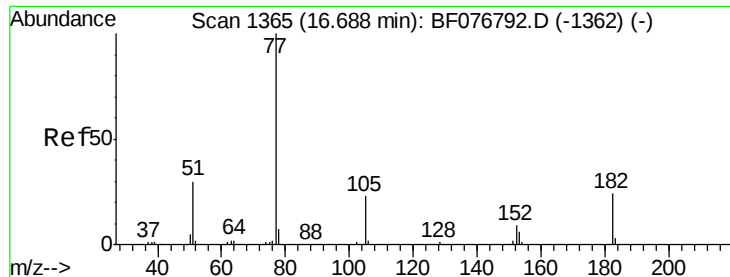
#61
4-Nitroaniline
Concen: 38.35 ng
RT: 16.43 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:138 Resp: 45523
Ion Ratio Lower Upper
138 100
92 45.6 26.3 66.3
108 79.0 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: 44.63 ng

RT: 16.65 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

Tot Ion: 77 Resp: 249622

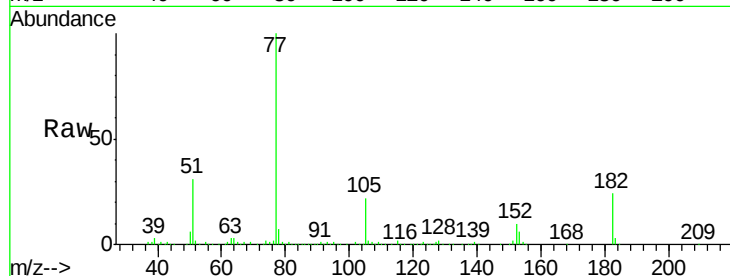
Ion Ratio Lower Upper

77 100

182 24.0 3.7 43.7

105 22.4 2.7 42.7

51 31.4 11.8 51.8

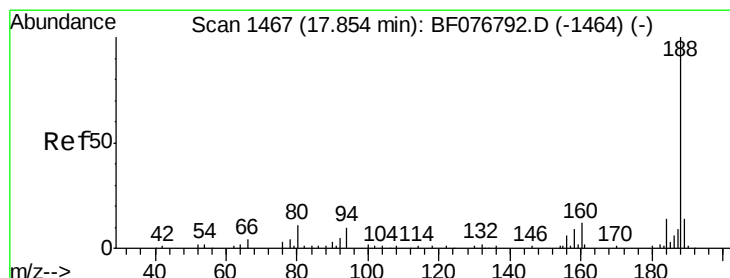
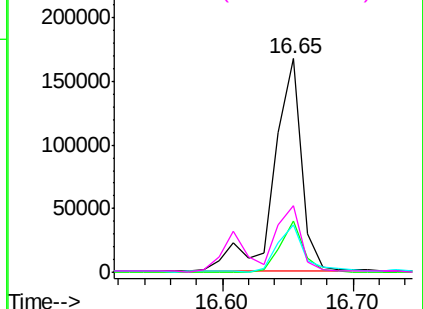
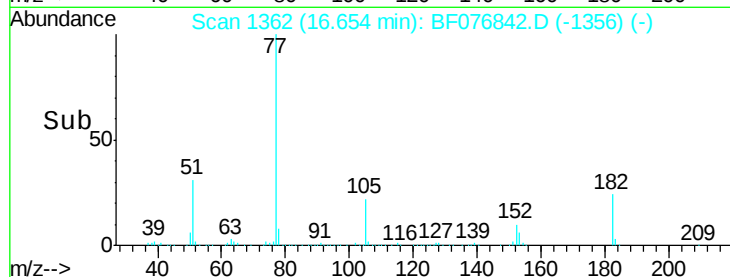


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.83 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

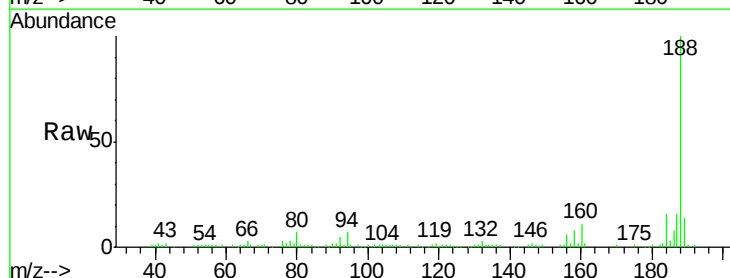
Tgt Ion: 188 Resp: 124271

Ion Ratio Lower Upper

188 100

94 7.1 7.8 11.6#

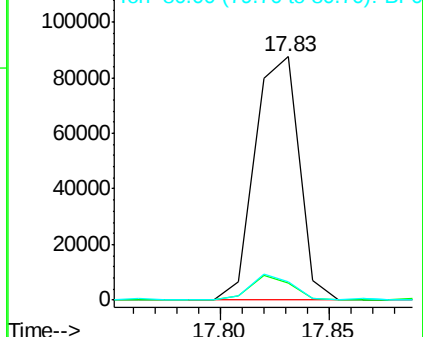
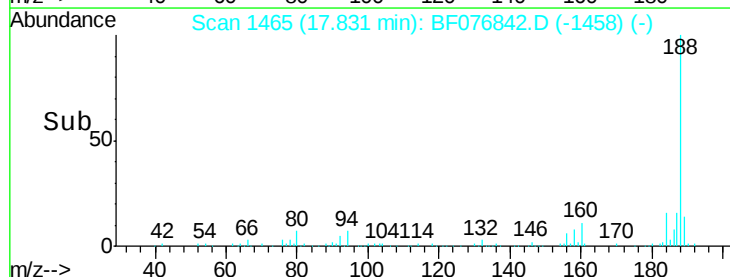
80 7.5 8.6 13.0#

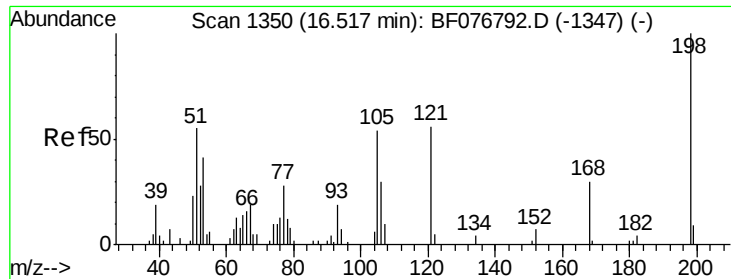


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

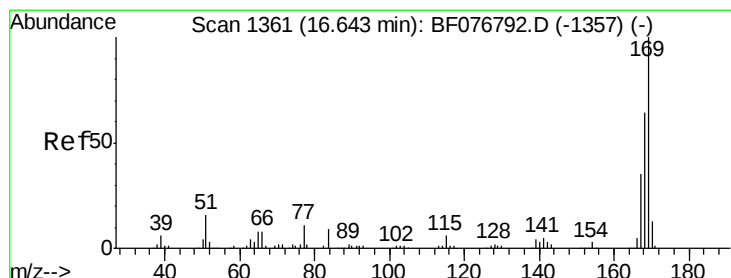
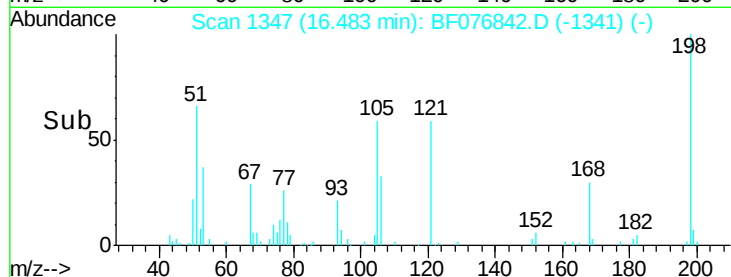
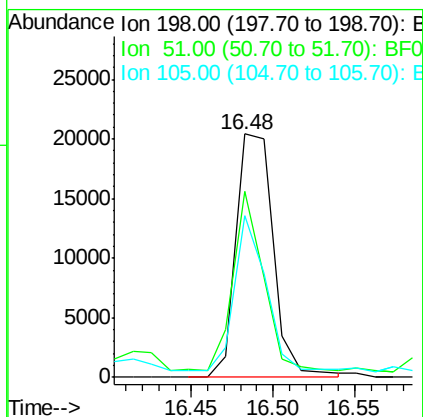
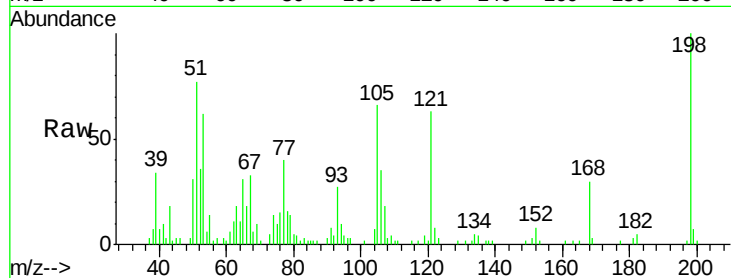




#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.69 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.03 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

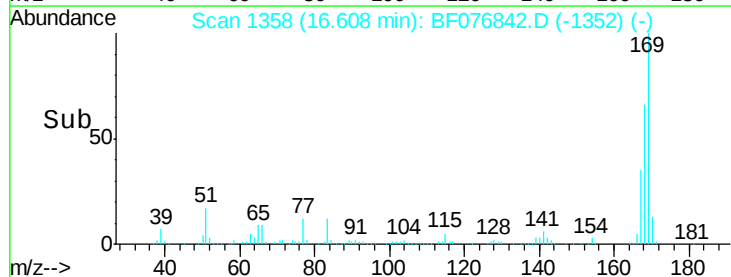
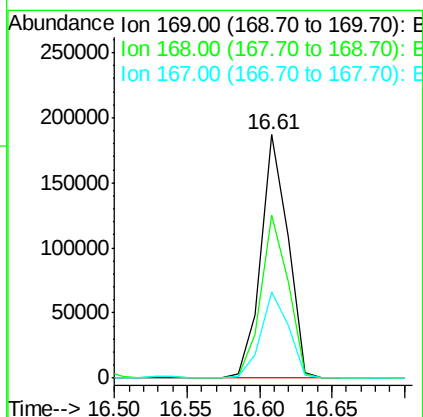
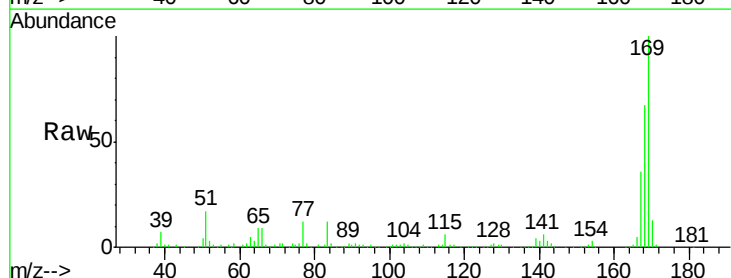
Instrument :
 BNA_F
 ClientSampled :
 SP-1AMS

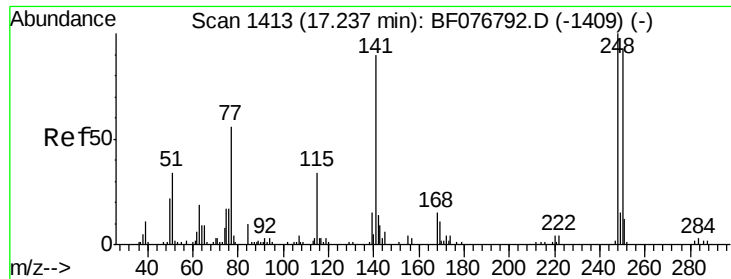
Tot Ion:198 Resp: 32212
 Ion Ratio Lower Upper
 198 100
 51 76.6 35.2 75.2#
 105 66.2 34.2 74.2



#65
 n-Nitrosodiphenylamine
 Concen: 53.53 ng
 RT: 16.61 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

Tgt Ion:169 Resp: 241621
 Ion Ratio Lower Upper
 169 100
 168 66.9 51.2 76.8
 167 35.6 28.2 42.2

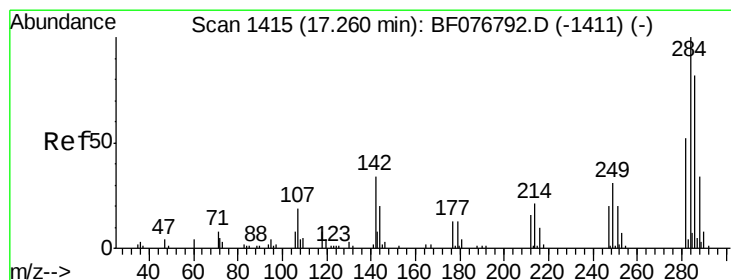
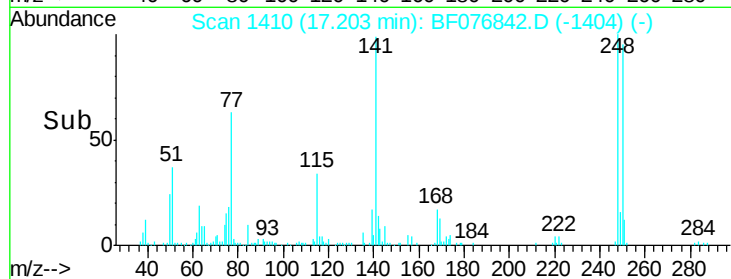
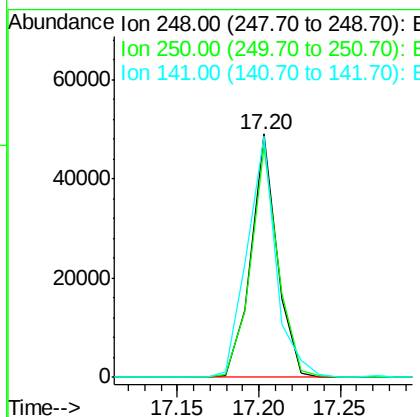
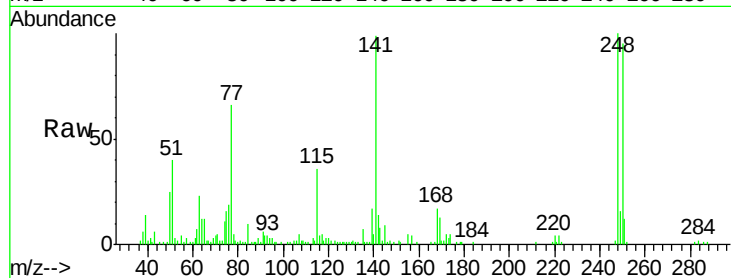




#66
4-Bromophenyl-phenylether
Concen: 42.49 ng
RT: 17.20 min Scan# 1410
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

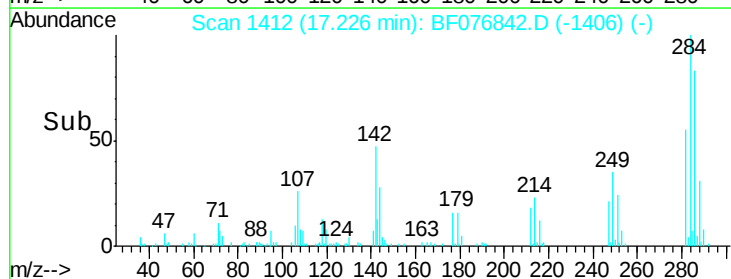
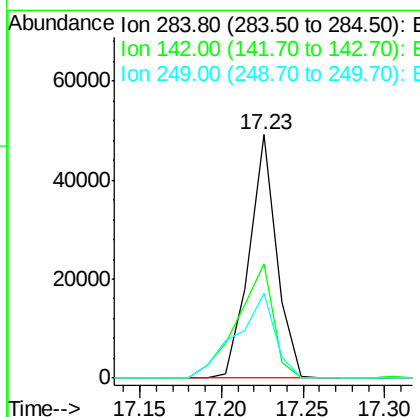
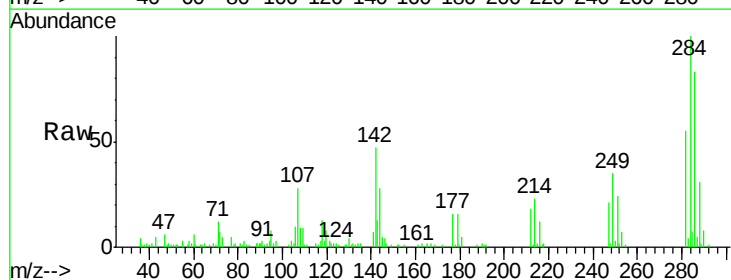
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

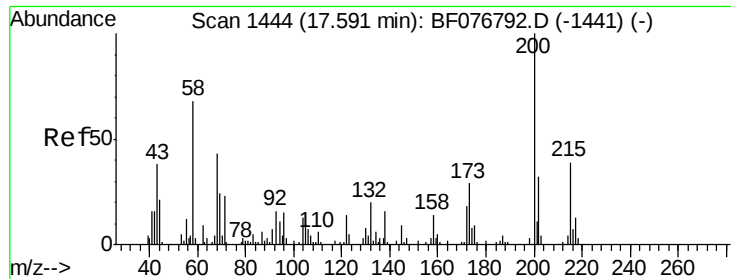
Tot Ion:248 Resp: 54790
Ion Ratio Lower Upper
248 100
250 94.9 74.7 112.1
141 99.0 71.8 107.6



#67
Hexachlorobenzene
Concen: 42.49 ng
RT: 17.23 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:284 Resp: 57342
Ion Ratio Lower Upper
284 100
142 47.0 27.5 41.3#
249 35.0 24.5 36.7





#68

Atrazine

Concen: 47.44 ng

RT: 17.58 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

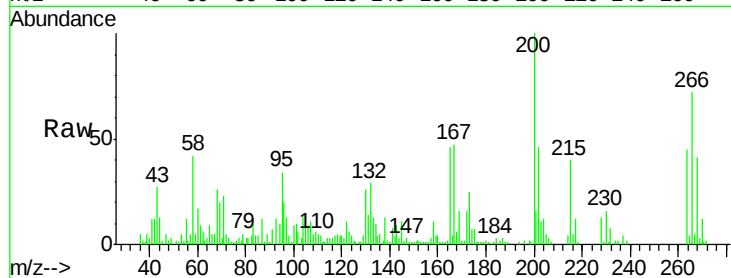
Tot Ion:200 Resp: 64852

Ion Ratio Lower Upper

200 100

173 25.0 9.2 49.2

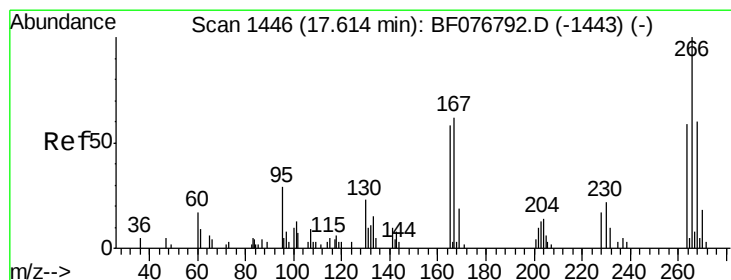
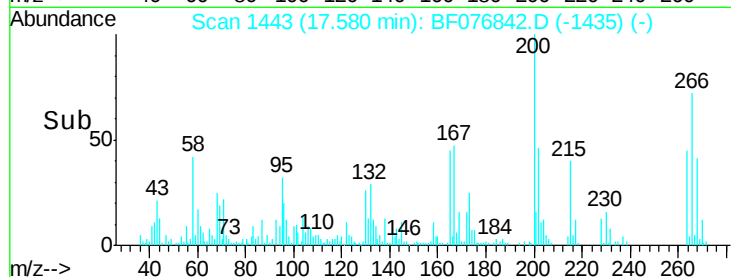
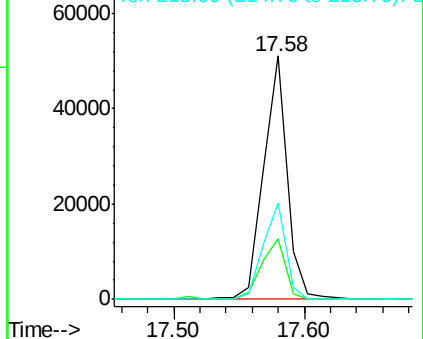
215 39.8 19.2 59.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 99.69 ng

RT: 17.58 min Scan# 1443

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

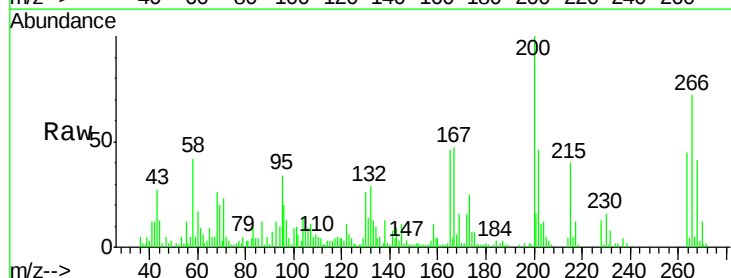
Tgt Ion:266 Resp: 58446

Ion Ratio Lower Upper

266 100

268 57.1 48.1 72.1

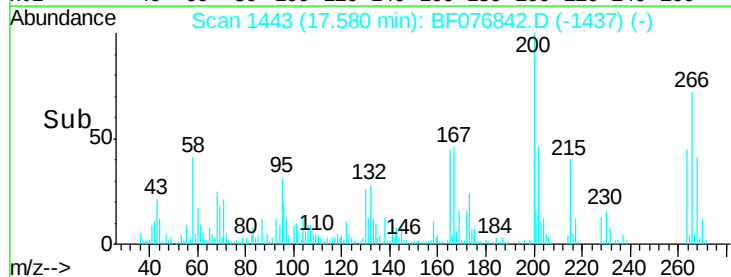
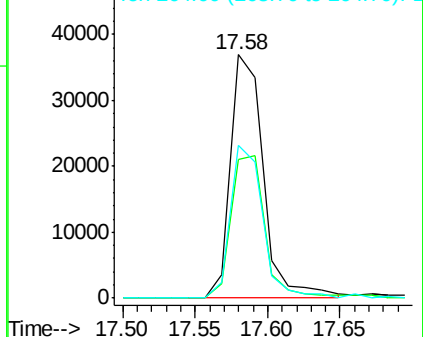
264 62.7 47.1 70.7

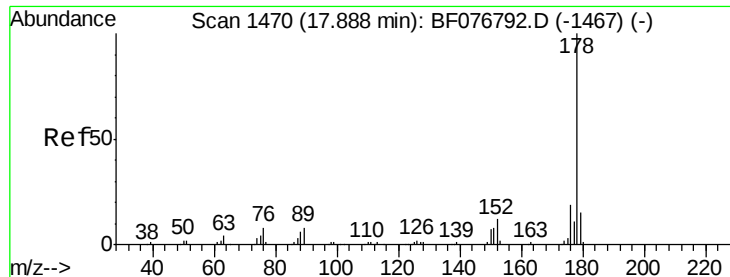


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

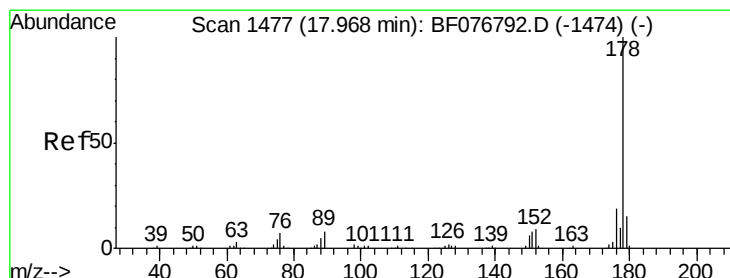
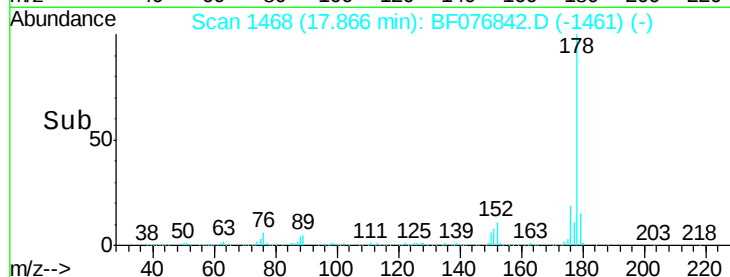
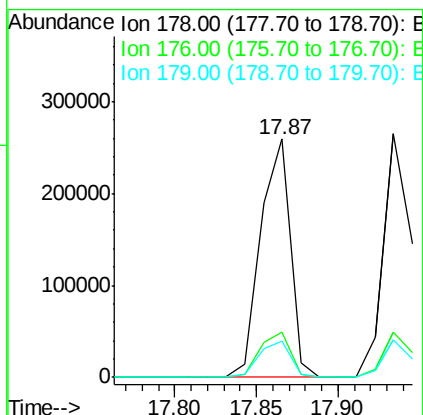
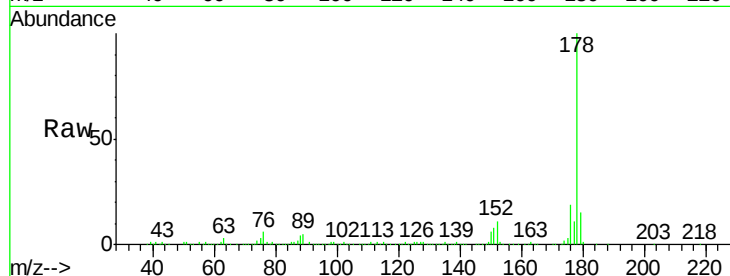




#70
Phenanthrene
Concen: 42.61 ng
RT: 17.87 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

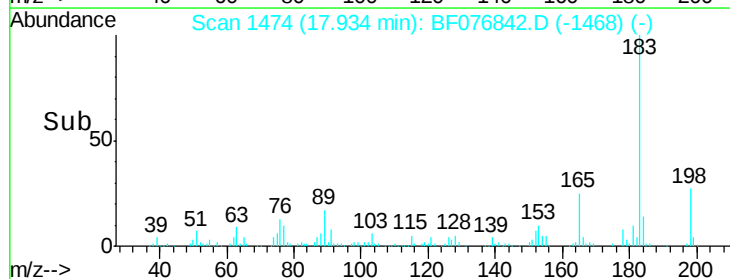
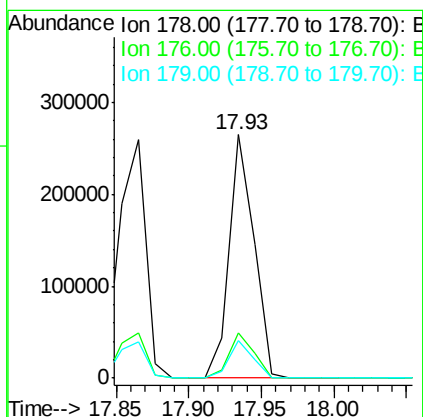
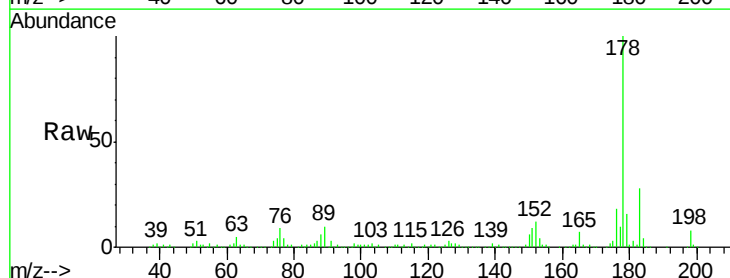
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

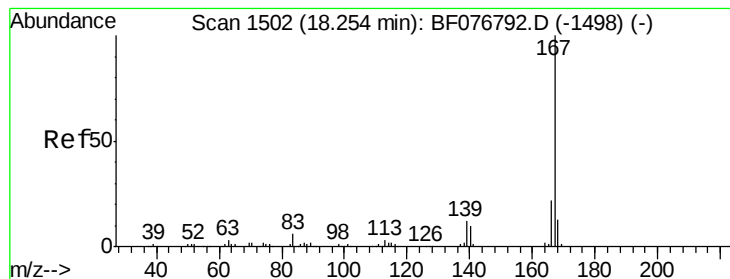
Tot Ion:178 Resp: 330019
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.0 11.8 17.8



#71
Anthracene
Concen: 41.93 ng
RT: 17.93 min Scan# 1474
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:178 Resp: 315391
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.6 12.2 18.4





#72

Carbazole

Concen: 44.38 ng

RT: 18.22 min Scan# 1499

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

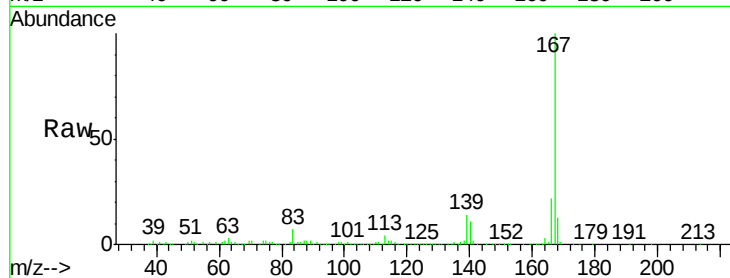
Tot Ion:167 Resp: 327312

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

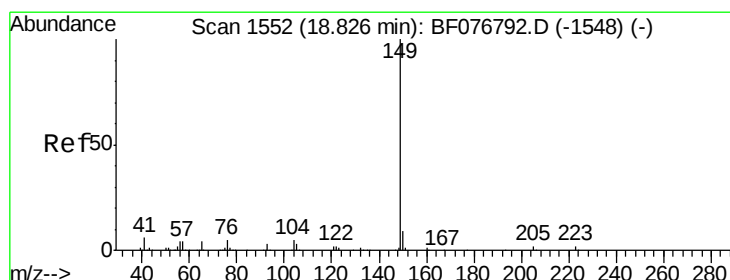
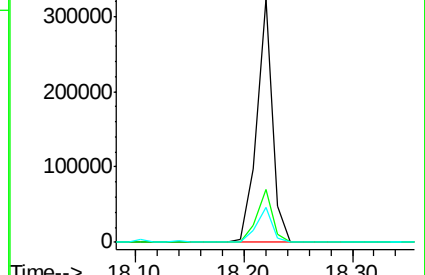
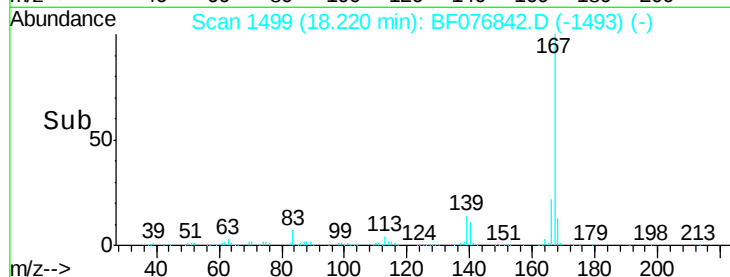
139 14.2 10.0 15.0



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: 42.96 ng

RT: 18.80 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

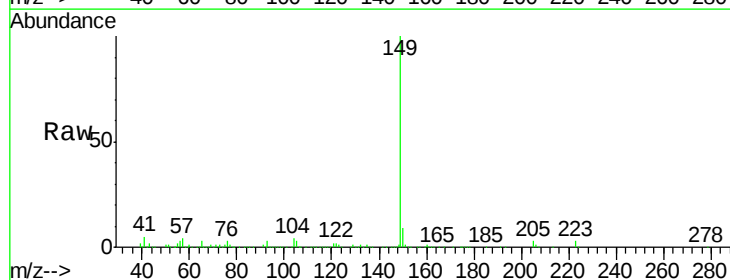
Tgt Ion:149 Resp: 376394

Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

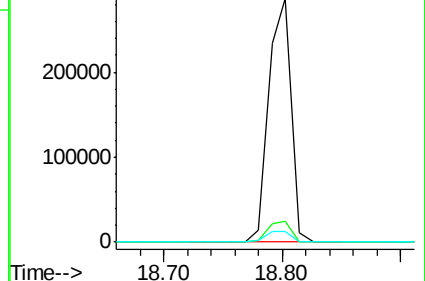
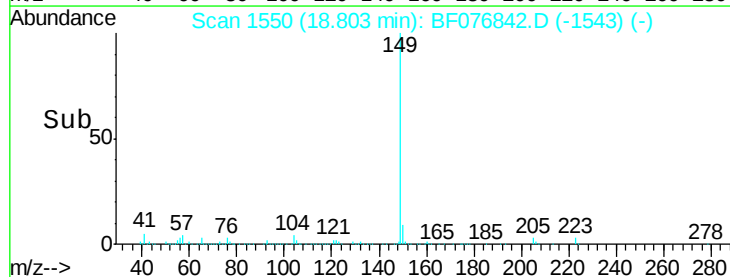
104 4.3 3.9 5.9

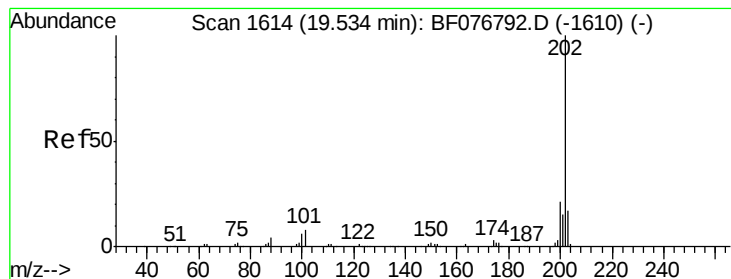


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.33 ng

RT: 19.50 min Scan# 1611

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

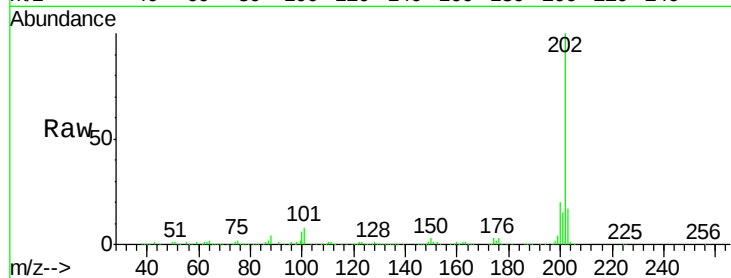
Tot Ion:202 Resp: 343710

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.0

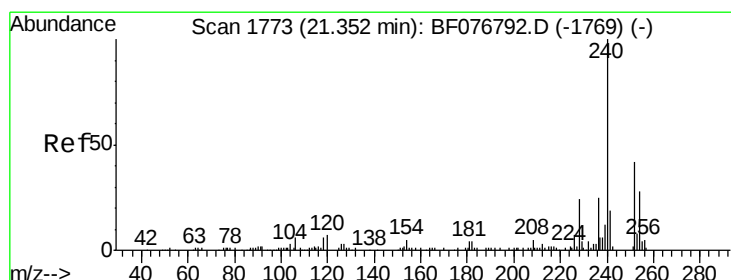
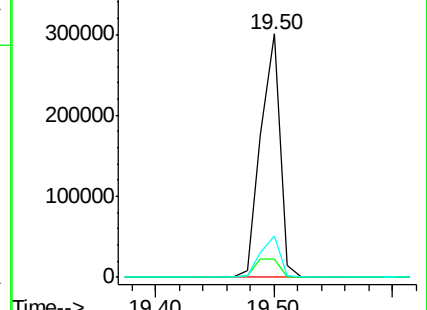
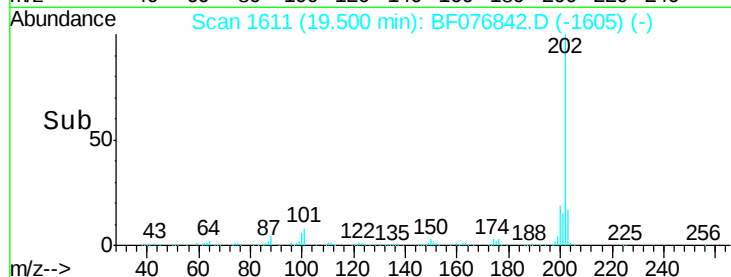
203 17.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

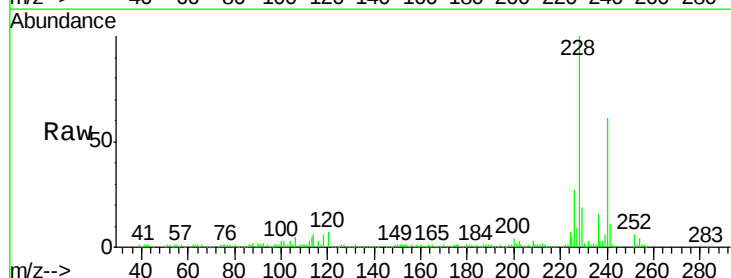
Tgt Ion:240 Resp: 123860

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

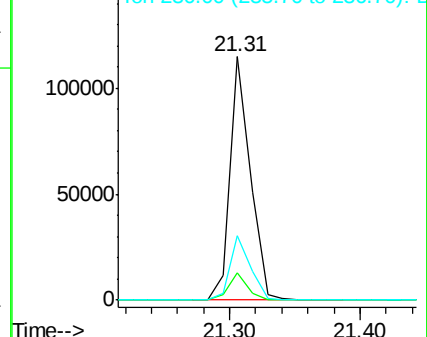
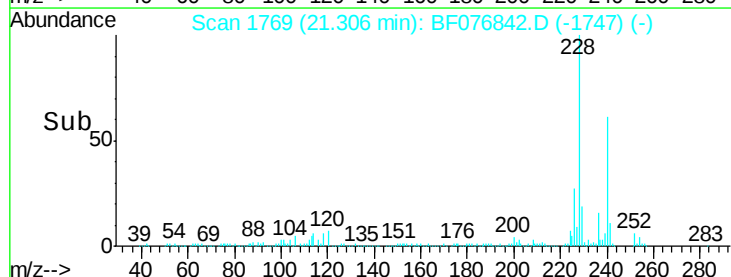
236 26.4 19.7 29.5

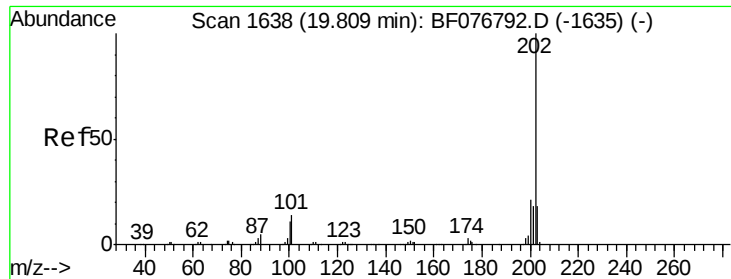


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 39.50 ng

RT: 19.77 min Scan# 1635

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

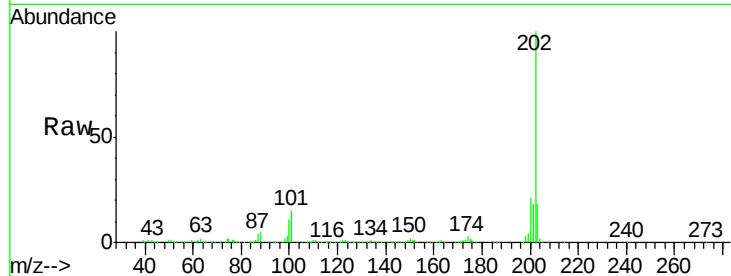
Tot Ion:202 Resp: 352036

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

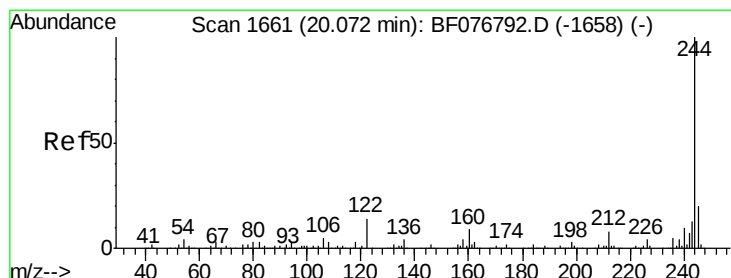
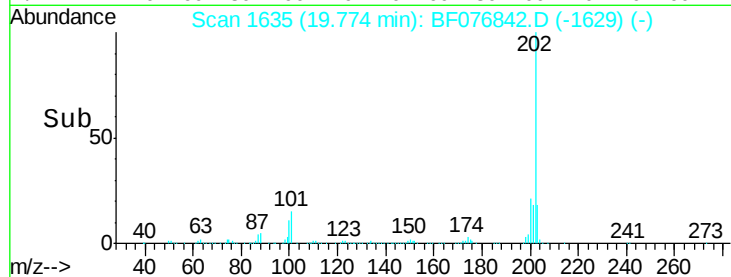
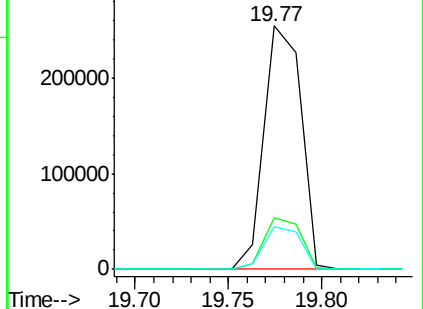
203 17.6 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.62 ng

RT: 20.04 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

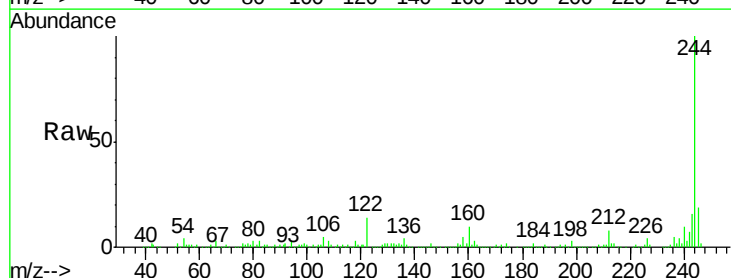
Tgt Ion:244 Resp: 381450

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

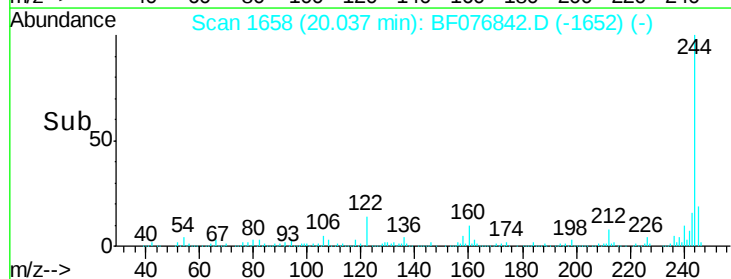
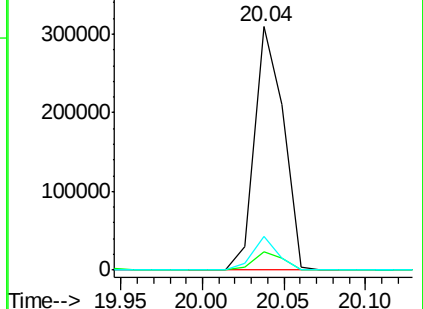
122 13.6 11.3 16.9

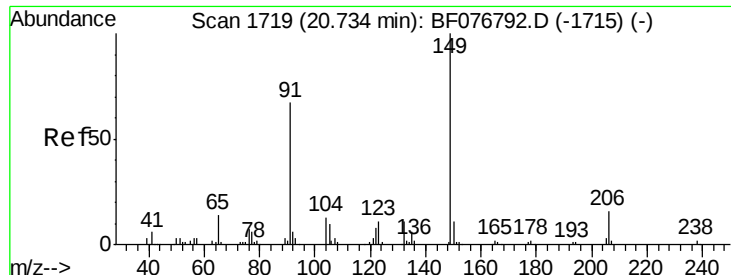


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

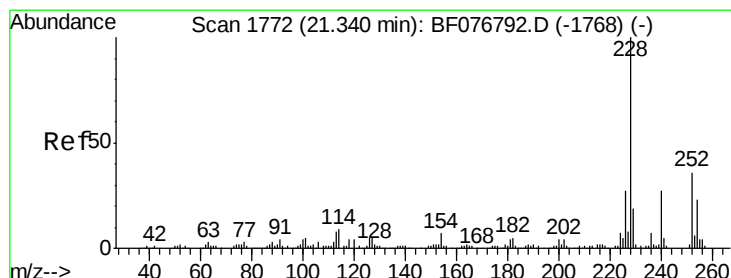
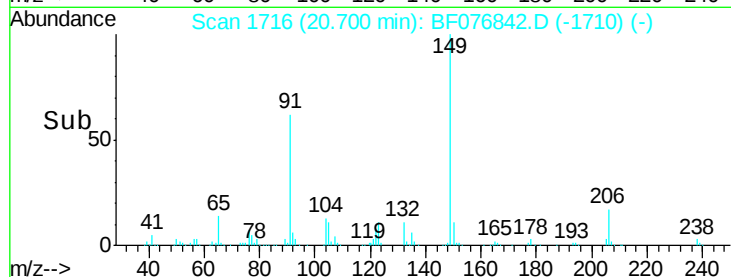
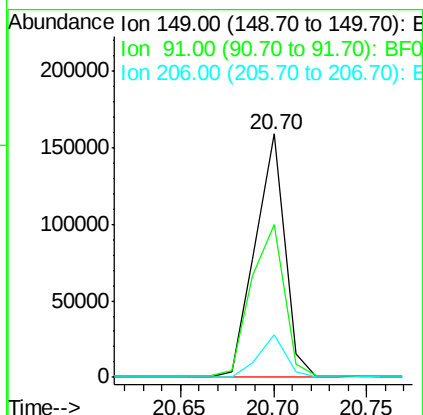
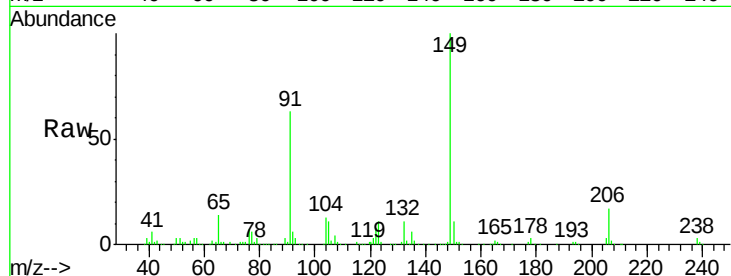




#79
Butylbenzylphthalate
Concen: 42.61 ng
RT: 20.70 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

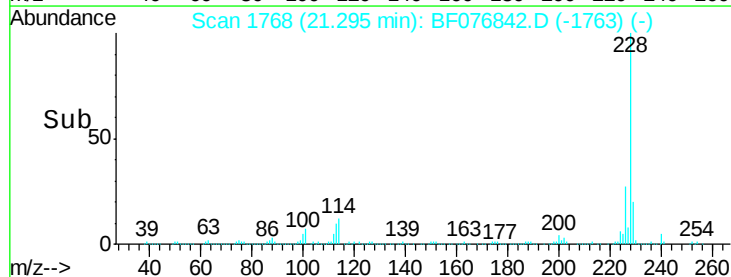
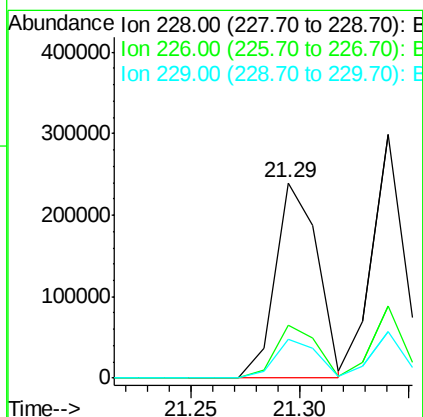
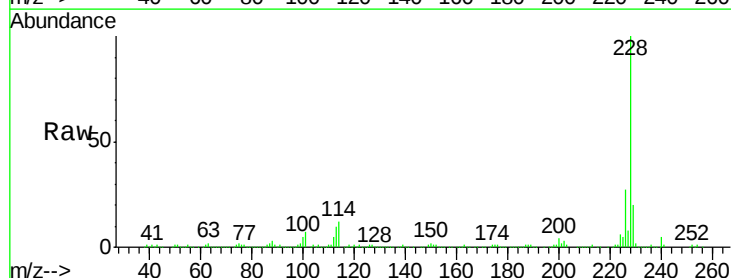
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

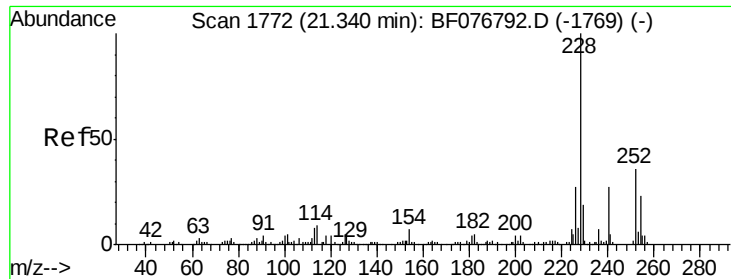
Tot Ion:149 Resp: 176259
Ion Ratio Lower Upper
149 100
91 62.8 53.3 79.9
206 17.4 12.6 18.8



#80
Benzo(a)anthracene
Concen: 41.15 ng
RT: 21.29 min Scan# 1768
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:228 Resp: 324719
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.7 15.0 22.4

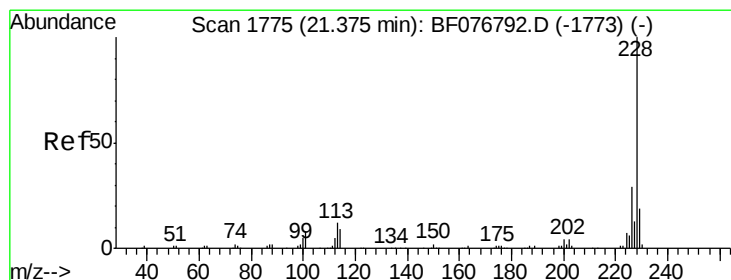
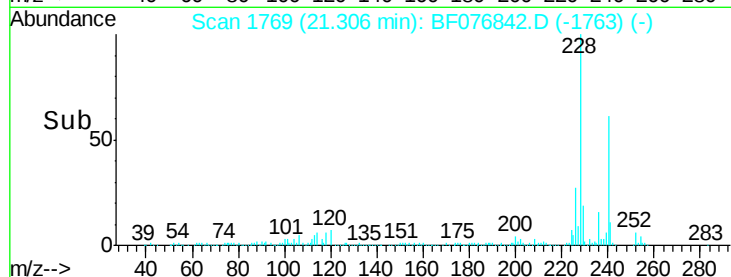
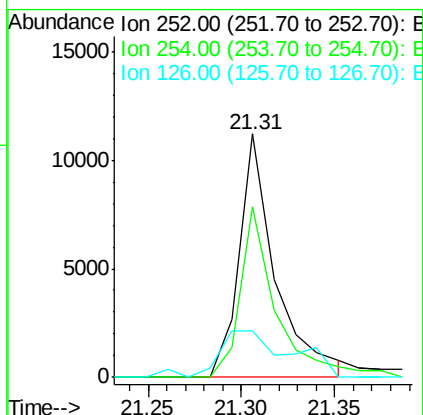
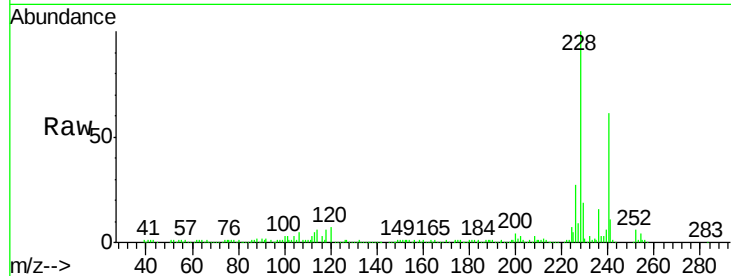




#81
 3,3'-Dichlorobenzidine
 Concen: 6.08 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. -0.03 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

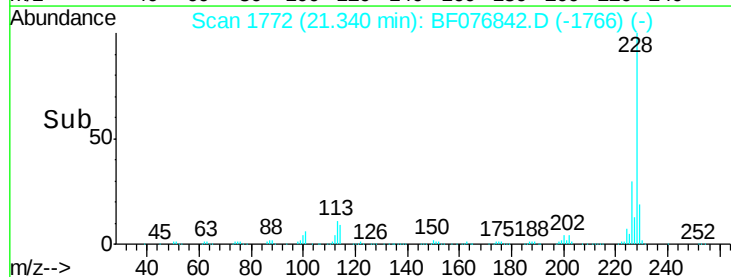
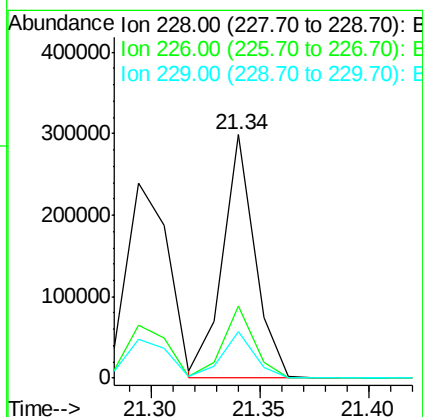
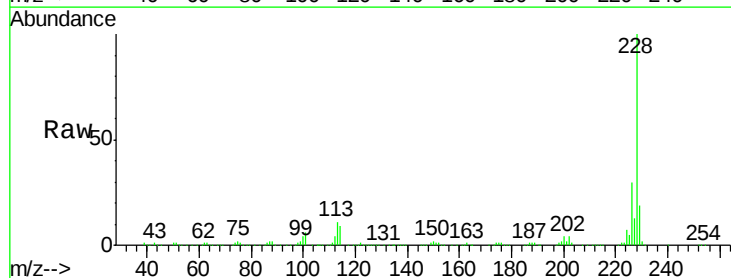
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

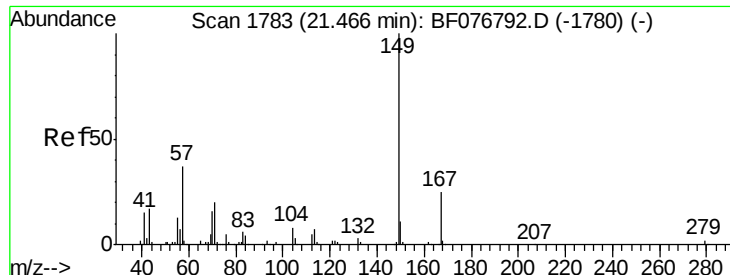
Tot Ion:252 Resp: 15310
 Ion Ratio Lower Upper
 252 100
 254 69.9 51.5 77.3
 126 19.1 11.4 17.0#



#82
 Chrysene
 Concen: 42.64 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. -0.03 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

Tgt Ion:228 Resp: 304398
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.3 34.9
 229 19.0 14.6 22.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.67 ng

RT: 21.43 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

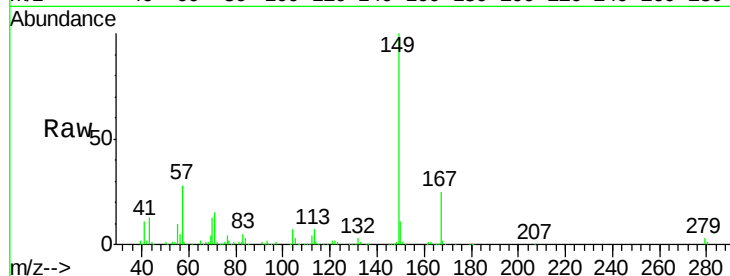
Tot Ion:149 Resp: 227375

Ion Ratio Lower Upper

149 100

167 25.3 20.1 30.1

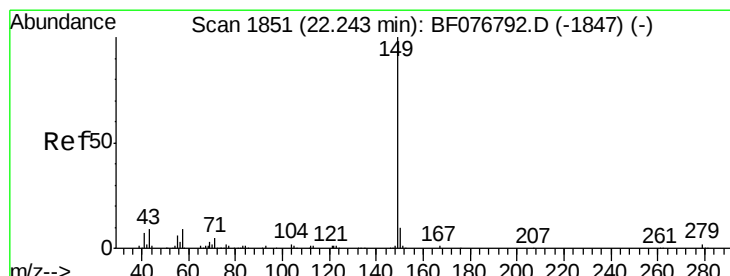
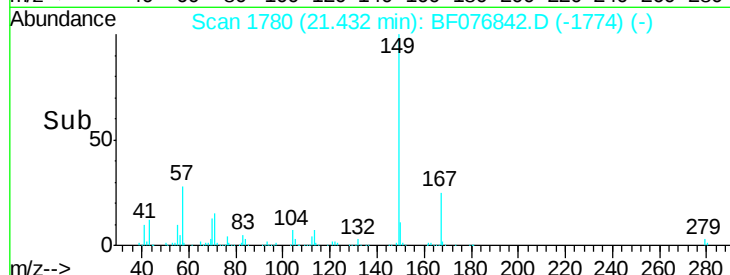
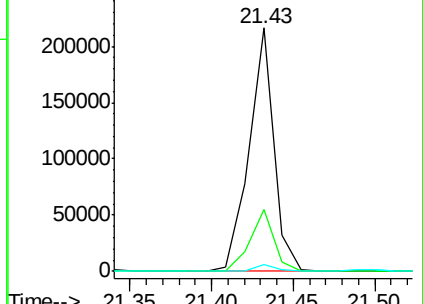
279 2.5 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.01 ng

RT: 22.20 min Scan# 1847

Delta R.T. -0.05 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

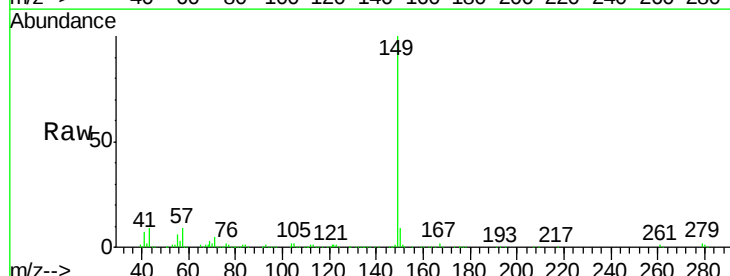
Tgt Ion:149 Resp: 396586

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

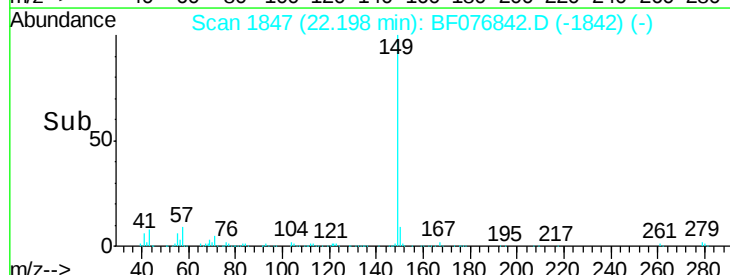
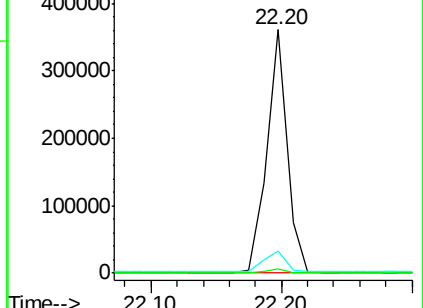
43 9.3 7.0 10.6

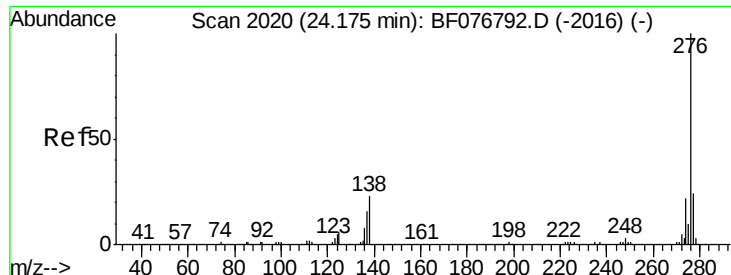


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

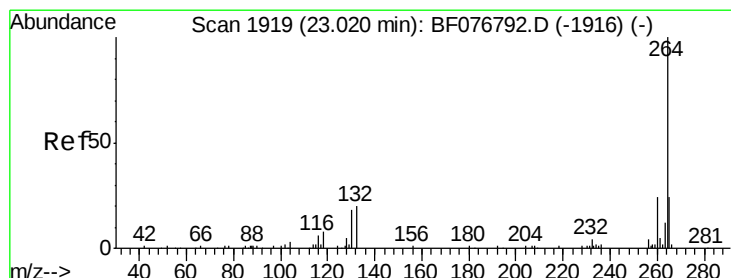
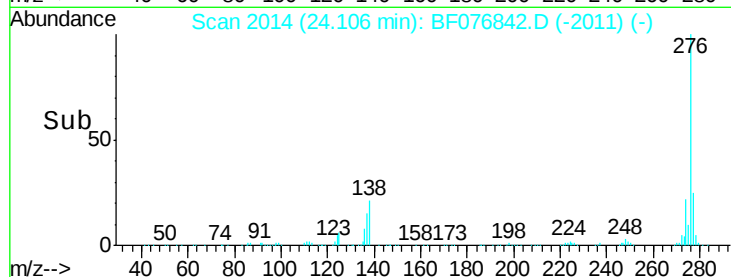
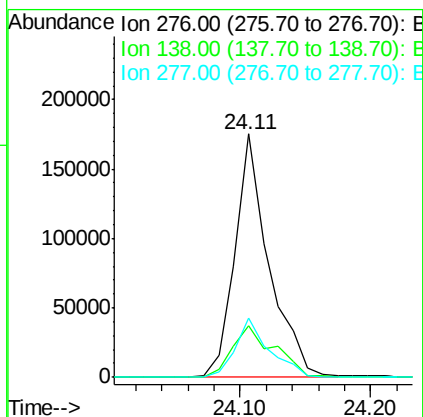
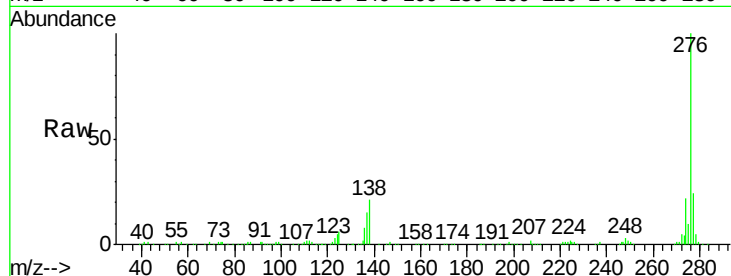




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.03 ng
RT: 24.11 min Scan# 2014
Delta R.T. -0.07 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

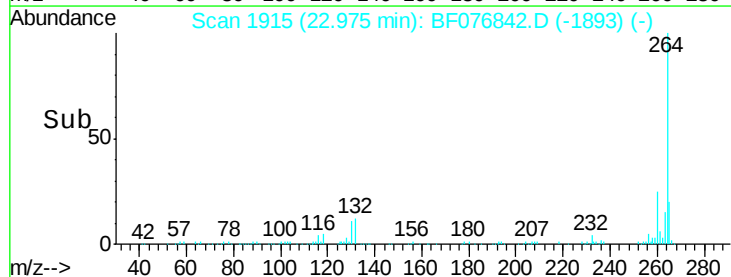
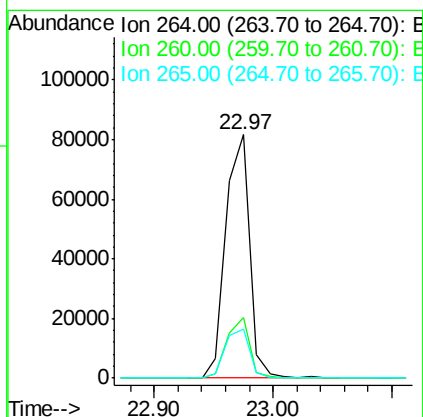
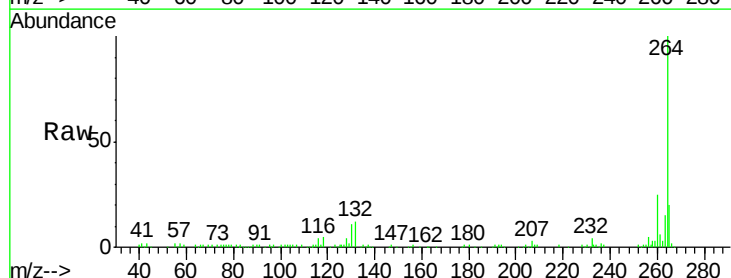
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

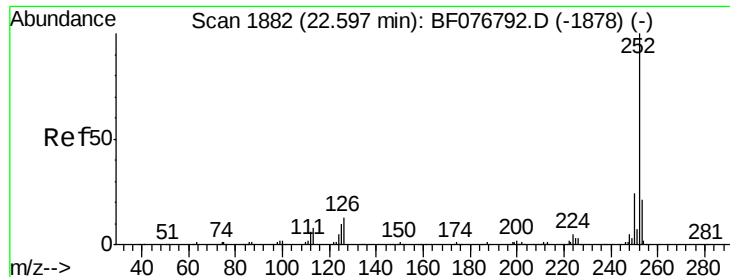
Tot Ion:276 Resp: 318148
Ion Ratio Lower Upper
276 100
138 26.8 0.0 0.0#
277 24.5 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:264 Resp: 113190
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.0
265 20.3 18.9 28.3

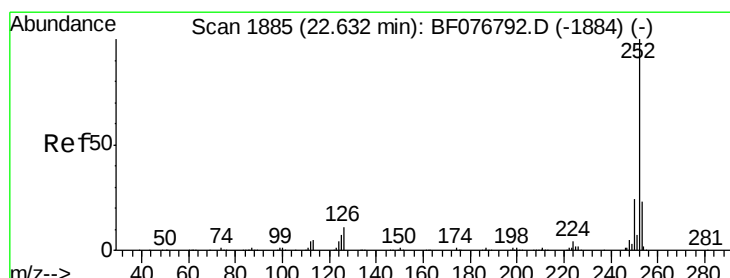
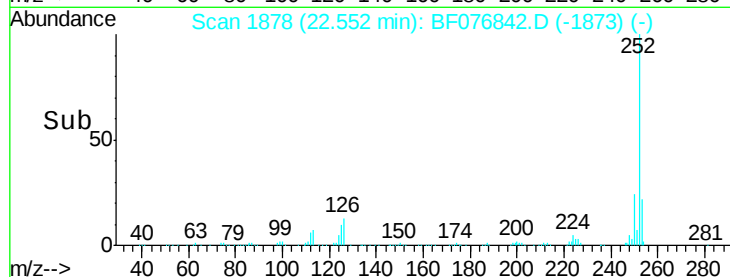
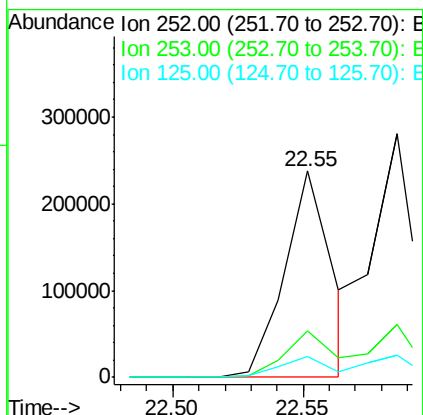
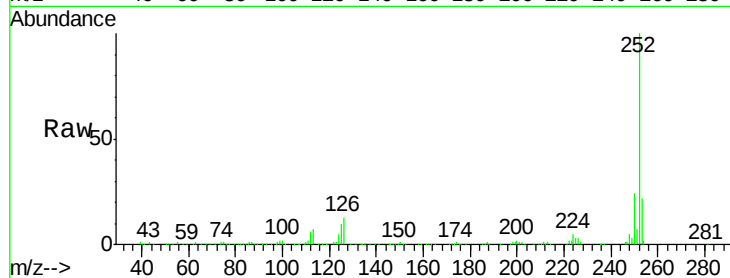




#87
Benzo(b)fluoranthene
Concen: 37.93 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.05 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

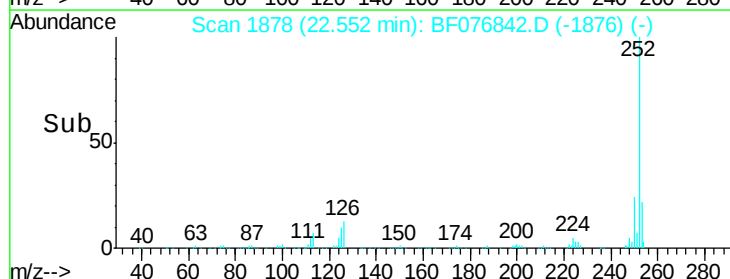
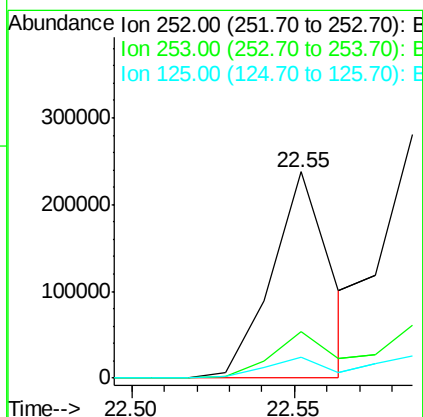
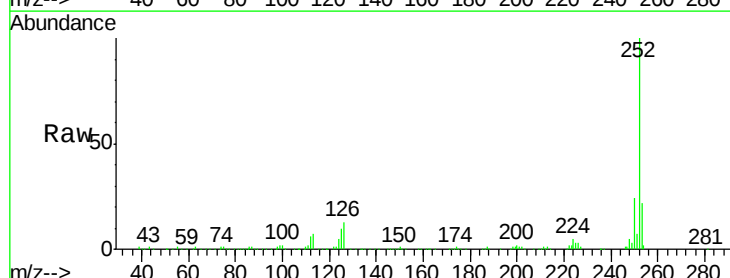
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

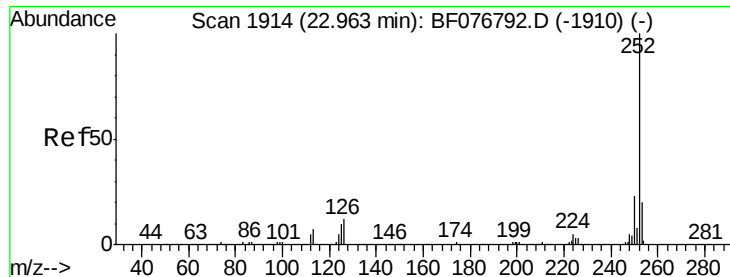
Tot Ion:252 Resp: 297401
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 10.5 8.1 12.1



#88
Benzo(k)fluoranthene
Concen: 43.39 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.08 min
Lab File: BF076842.D
Acq: 13 Jan 2015 13:59

Tgt Ion:252 Resp: 297380
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.5 7.5 11.3





#89

Benzo(a)pyrene

Concen: 43.45 ng

RT: 22.91 min Scan# 1909

Delta R.T. -0.06 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

Instrument :

BNA_F

ClientSampled :

SP-1AMS

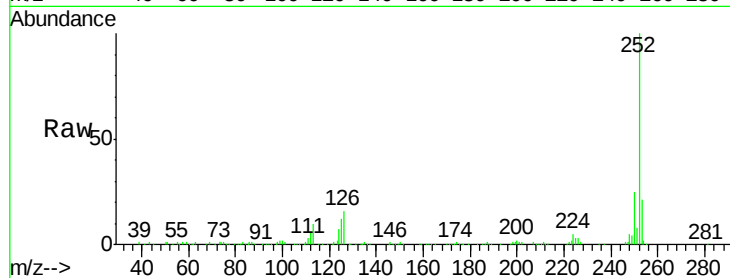
Tot Ion:252 Resp: 292739

Ion Ratio Lower Upper

252 100

253 21.4 16.2 24.4

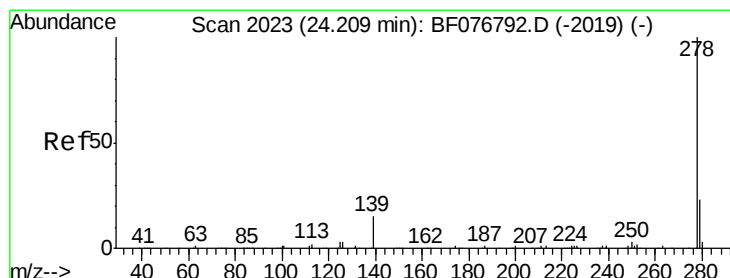
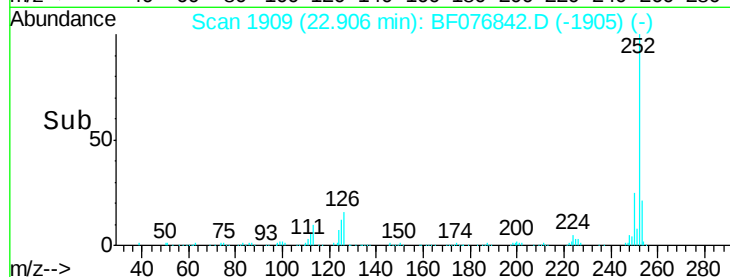
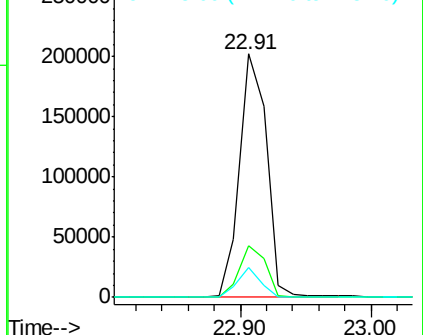
125 12.3 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.53 ng

RT: 24.13 min Scan# 2016

Delta R.T. -0.08 min

Lab File: BF076842.D

Acq: 13 Jan 2015 13:59

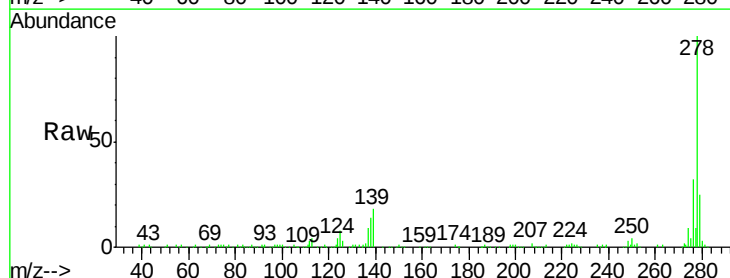
Tgt Ion:278 Resp: 261078

Ion Ratio Lower Upper

278 100

139 18.4 12.2 18.4

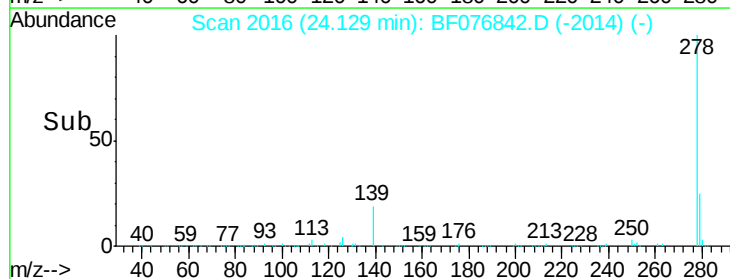
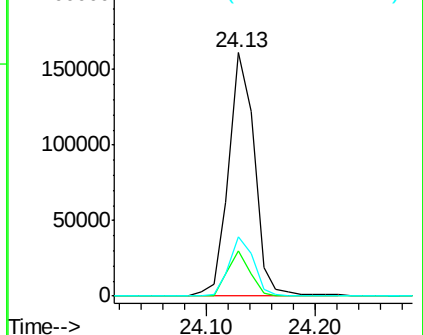
279 24.5 17.9 26.9

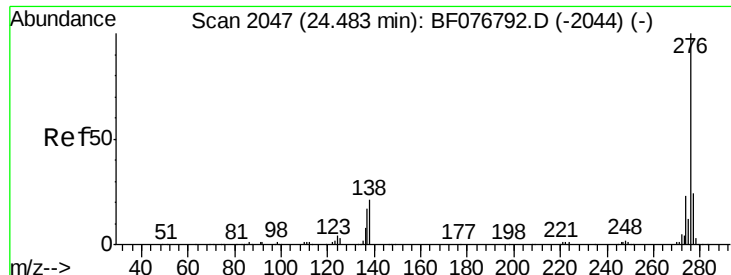


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

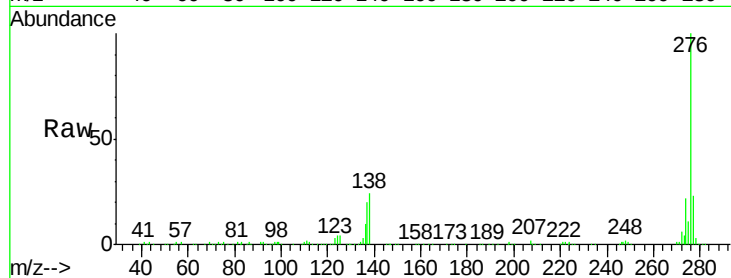




#91
 Benzo(a,h,i)perylene
 Concen: 42.95 ng
 RT: 24.40 min Scan# 2040
 Delta R.T. -0.08 min
 Lab File: BF076842.D
 Acq: 13 Jan 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.0	28.6
138	23.9	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

