

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076873.D
 Acq On : 14 Jan 2015 22:54
 Operator : IZ / TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 00:19:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34056	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	143642	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	75445	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	131125	20.00	ng	0.00
75) Chrysene-d12	21.31	240	123536	20.00	ng	0.00
86) Perylene-d12	22.97	264	110964	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	172713	83.38	ng	0.00
7) Phenol-d6	7.42	99	214771	82.19	ng	0.00
23) Nitrobenzene-d5	9.32	82	215830	83.24	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	54981	89.78	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	435958	87.94	ng	0.00
78) Terphenyl-d14	20.04	244	465327	86.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.30	88	34687	39.11	ng	99
3) Pyridine	1.80	79	93679	40.82	ng	97
4) n-Nitrosodimethylamine	1.76	42	46911	41.26	ng	94
6) Aniline	7.30	93	151227	41.82	ng	95
8) 2-Chlorophenol	7.56	128	97601	40.87	ng	95
9) Benzaldehyde	7.03	77	51659	33.62	ng	96
10) Phenol	7.44	94	114928	41.42	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	92168	42.45	ng	95
12) 1,3-Dichlorobenzene	7.86	146	111911	41.19	ng	99
13) 1,4-Dichlorobenzene	8.06	146	117553	40.81	ng	100
14) 1,2-Dichlorobenzene	8.38	146	111274	41.92	ng	98
15) Benzyl Alcohol	8.45	79	87272	41.27	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	117507	40.26	ng	94
17) 2-Methylphenol	8.79	107	80938	41.48	ng	98
18) Hexachloroethane	9.12	117	43014	42.93	ng	97
19) n-Nitroso-di-n-propylamine	9.09	70	74766	40.88	ng	96
20) 3+4-Methylphenols	9.17	107	104806	40.56	ng	96
22) Acetophenone	9.01	105	148089	42.09	ng	94
24) Nitrobenzene	9.36	77	109050	41.29	ng	97
25) Isophorone	9.96	82	199851	42.32	ng	# 96
26) 2-Nitrophenol	10.09	139	55491	40.82	ng	90
27) 2,4-Dimethylphenol	10.37	122	85351	41.79	ng	99
28) bis(2-Chloroethoxy)methane	10.57	93	114321	42.60	ng	96
29) 2,4-Dichlorophenol	10.70	162	81367	42.74	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	90919	43.00	ng	96
31) Naphthalene	10.97	128	314415	42.52	ng	98
32) Benzoic acid	10.72	122	21892	19.35	ng	93
33) 4-Chloroaniline	11.21	127	121328	40.60	ng	98
34) Hexachlorobutadiene	11.34	225	54529	43.47	ng	95
35) Caprolactam	12.07	113	23137	41.28	ng	# 89
36) 4-Chloro-3-methylphenol	12.52	107	90394	41.47	ng	97
37) 2-Methylnaphthalene	12.63	142	214214	42.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	81173	43.52	ng	99
40) Hexachlorocyclopentadiene	13.03	237	41307	42.27	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076873.D
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

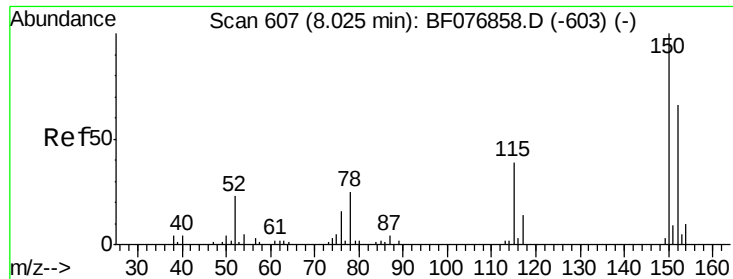
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 00:19:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.39	196	59117	43.50	nq	98
43) 2,4,5-Trichlorophenol	13.47	196	59915	43.23	nq	# 89
45) 1,1'-Biphenyl	13.79	154	248664	44.46	nq	98
46) 2-Chloronaphthalene	13.77	162	203290	44.17	nq	97
47) 2-Nitroaniline	14.11	65	60620	43.42	nq	94
48) Acenaphthylene	14.72	152	338560	43.61	nq	100
49) Dimethylphthalate	14.67	163	239654	44.79	nq	100
50) 2,6-Dinitrotoluene	14.76	165	50107	46.87	nq	96
51) Acenaphthene	15.15	154	192893	43.79	nq	96
52) 3-Nitroaniline	15.10	138	54211	38.63	nq	84
53) 2,4-Dinitrophenol	15.39	184	16144	34.76	nq	90
54) Dibenzofuran	15.57	168	282617	44.05	nq	99
55) 4-Nitrophenol	15.68	139	35268	42.05	nq	97
56) 2,4-Dinitrotoluene	15.68	165	67579	41.91	nq	94
57) Fluorene	16.28	166	237285	43.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.89	232	45567	45.15	nq	98
59) Diethylphthalate	16.27	149	249062	46.06	nq	99
60) 4-Chlorophenyl-phenylether	16.36	204	100121	45.02	nq	96
61) 4-Nitroaniline	16.40	138	57570	42.55	nq	95
62) Azobenzene	16.64	77	254834	45.23	nq	97
64) 4,6-Dinitro-2-methylphenol	16.47	198	34748	40.83	nq	# 74
65) n-Nitrosodiphenylamine	16.60	169	196594	42.05	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	57446	43.24	nq	94
67) Hexachlorobenzene	17.21	284	61737	44.10	nq	92
68) Atrazine	17.56	200	66199	46.66	nq	97
69) Pentachlorophenol	17.57	266	22958	37.27	nq	97
70) Phenanthrene	17.85	178	337160	41.23	nq	98
71) Anthracene	17.92	178	335310	42.05	nq	99
72) Carbazole	18.21	167	328242	42.44	nq	99
73) Di-n-butylphthalate	18.79	149	414731	46.33	nq	99
74) Fluoranthene	19.49	202	357951	42.72	nq	97
76) Benzidine	19.72	184	159057	40.24	nq	99
77) Pyrene	19.77	202	381606	45.07	nq	100
79) Butylbenzylphthalate	20.70	149	188681	49.21	nq	97
80) Benzo(a)anthracene	21.29	228	332366	42.88	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	111144	45.12	nq	# 97
82) Chrysene	21.34	228	307363	43.49	nq	99
83) Bis(2-ethylhexyl)phthalate	21.43	149	262878	49.55	nq	# 94
84) Di-n-octyl phthalate	22.21	149	466184	50.63	nq	99
85) Indeno(1,2,3-cd)pyrene	24.11	276	303457	40.51	nq	# 83
87) Benzo(b)fluoranthene	22.55	252	366951	49.10	nq	98
88) Benzo(k)fluoranthene	22.55	252	366933	56.20	nq	98
89) Benzo(a)pyrene	22.91	252	281398	42.69	nq	# 97
90) Dibenzo(a,h)anthracene	24.13	278	267580	44.24	nq	# 95
91) Benzo(g,h,i)perylene	24.40	276	265653	44.18	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.02 min Scan# 607

Delta R.T. 0.00 min

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Instrument :

BNA_F

ClientSampleId :

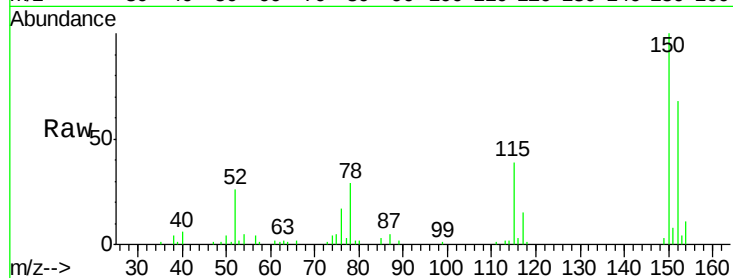
Tot Ion:152 Resp: 34056

Ion Ratio Lower Upper

152 100

150 147.0 121.7 182.5

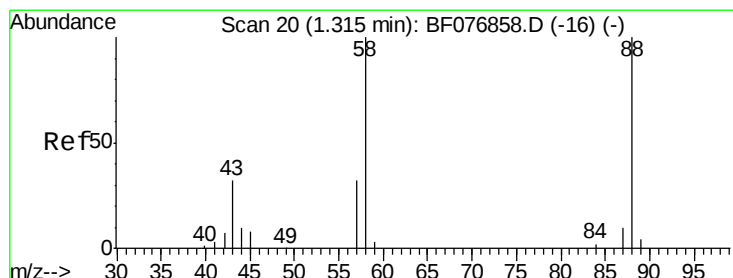
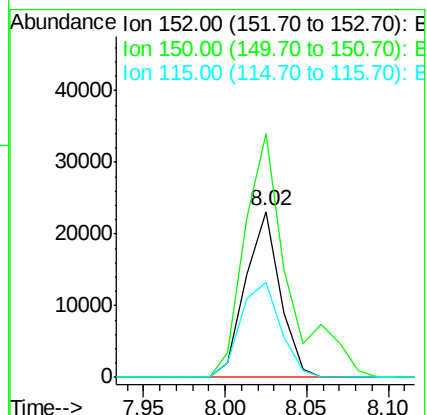
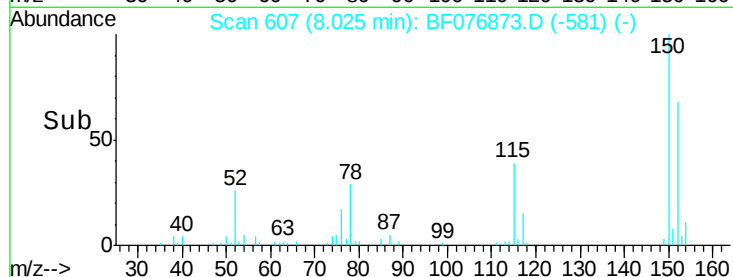
115 57.5 47.0 70.6



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: 39.11 ng

RT: 1.30 min Scan# 19

Delta R.T. -0.01 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

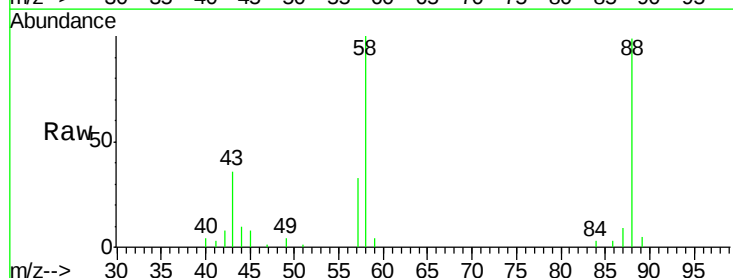
Tgt Ion: 88 Resp: 34687

Ion Ratio Lower Upper

88 100

58 95.8 77.0 115.4

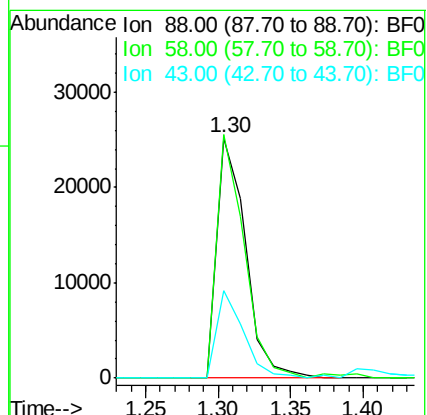
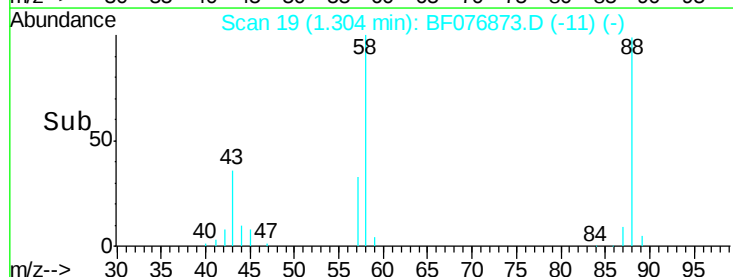
43 33.9 25.6 38.4

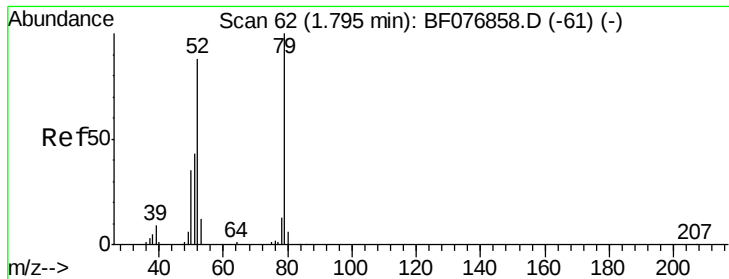


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.82 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

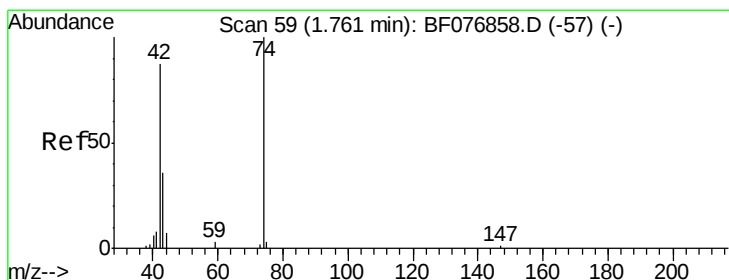
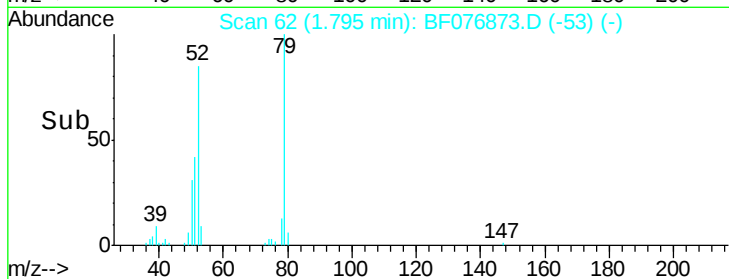
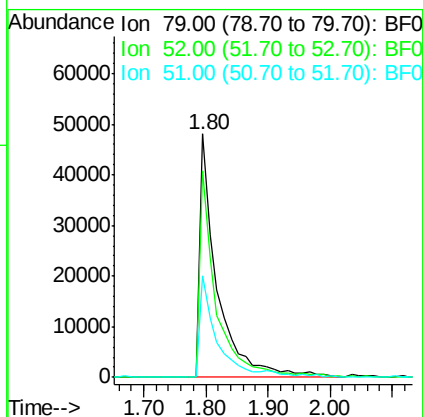
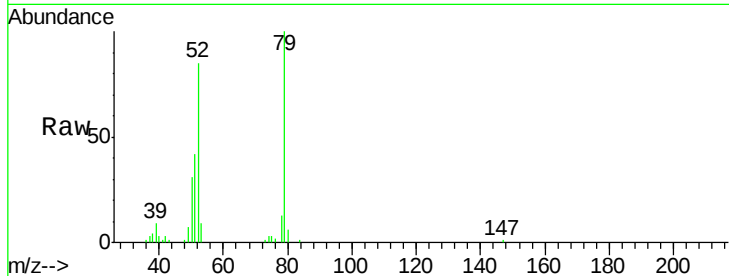
Tot Ion: 79 Resp: 93679

Ion Ratio Lower Upper

79 100

52 84.8 70.1 105.1

51 41.5 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 41.26 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

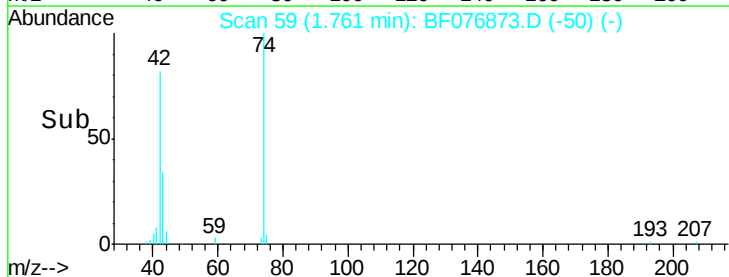
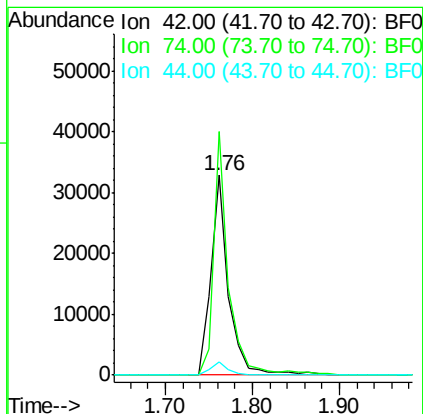
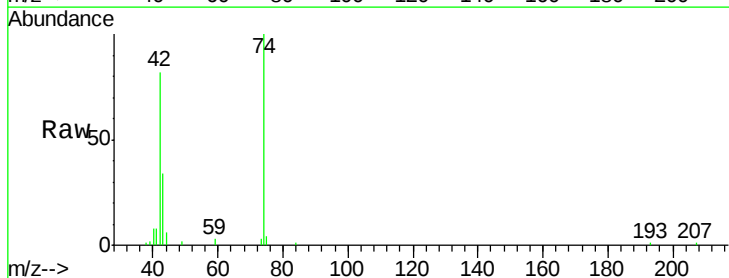
Tgt Ion: 42 Resp: 46911

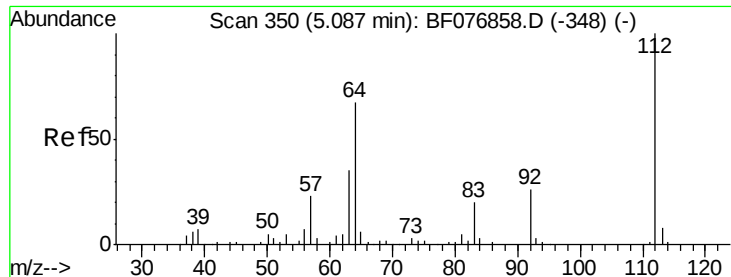
Ion Ratio Lower Upper

42 100

74 121.7 92.4 138.6

44 6.8 6.2 9.2





#5

2-Fluorophenol

Concen: 83.38 ng

RT: 5.09 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampled :

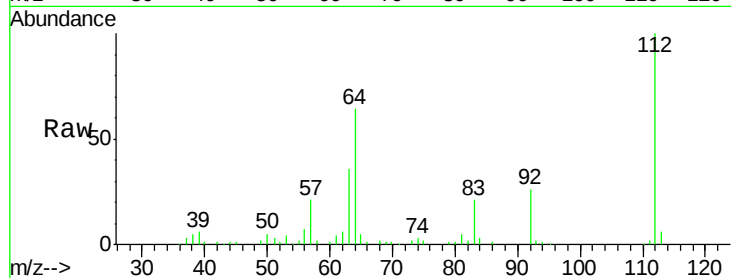
Tot Ion: 112 Resp: 172713

Ion Ratio Lower Upper

112 100

64 63.6 54.2 81.4

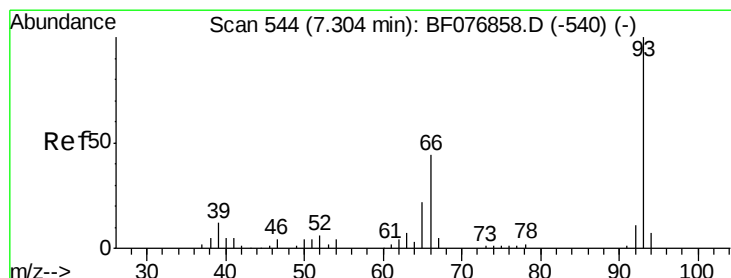
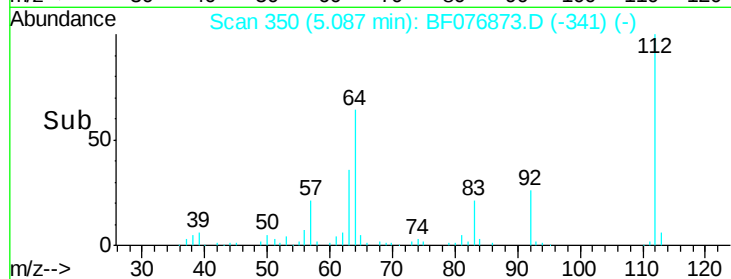
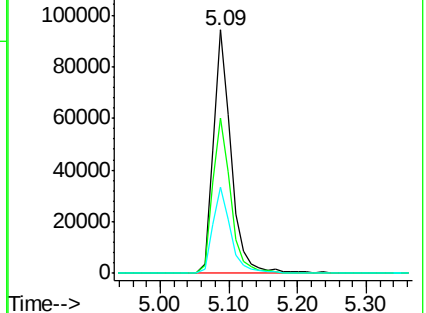
63 35.7 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.82 ng

RT: 7.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

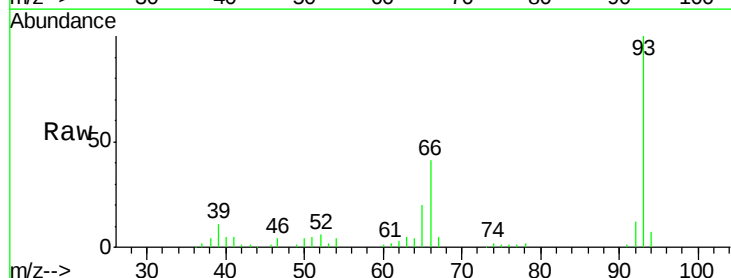
Tgt Ion: 93 Resp: 151227

Ion Ratio Lower Upper

93 100

66 40.6 35.0 52.4

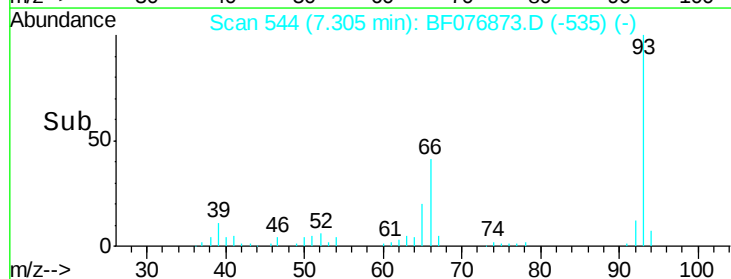
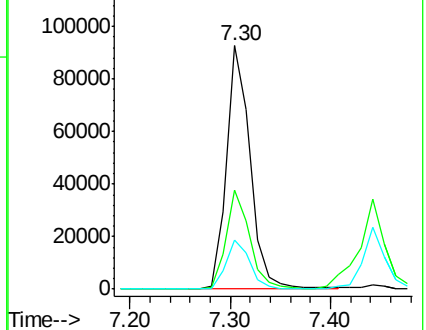
65 20.2 17.7 26.5

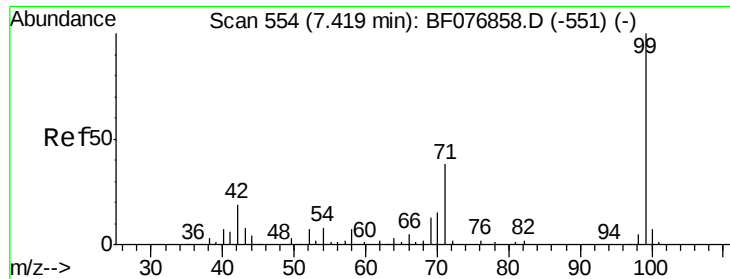


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.19 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

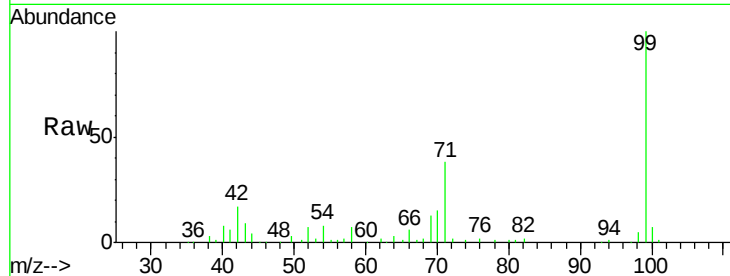
Tot Ion: 99 Resp: 214771

Ion Ratio Lower Upper

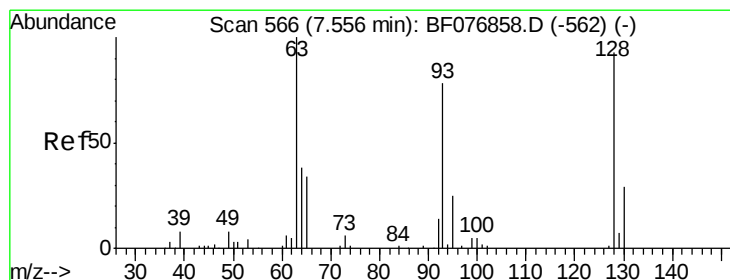
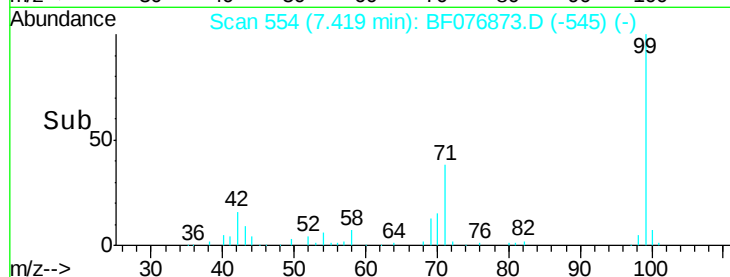
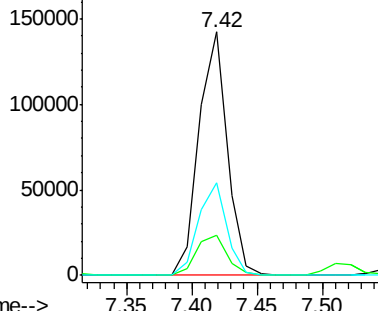
99 100

42 16.7 15.0 22.4

71 38.0 30.5 45.7



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: 40.87 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

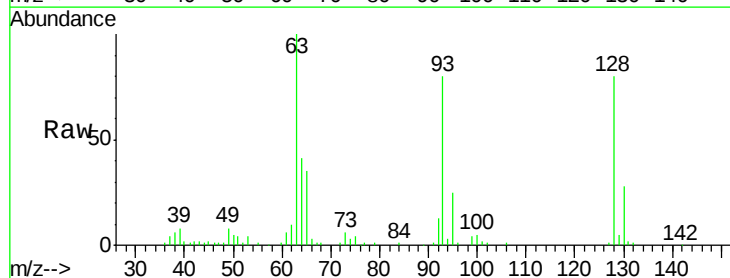
Tgt Ion: 128 Resp: 97601

Ion Ratio Lower Upper

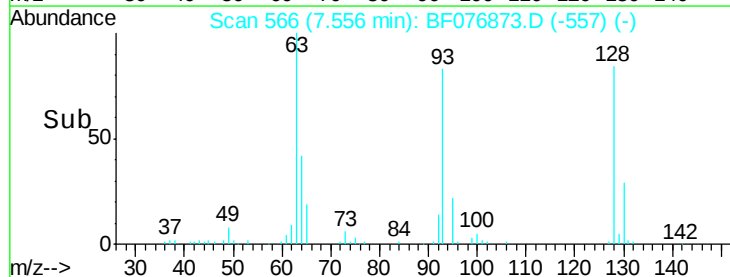
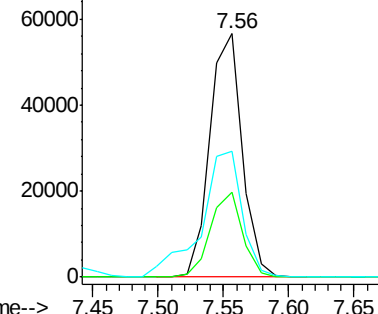
128 100

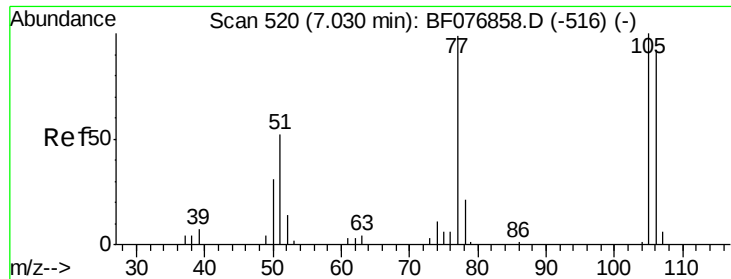
130 35.0 11.0 51.0

64 51.6 29.3 69.3



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

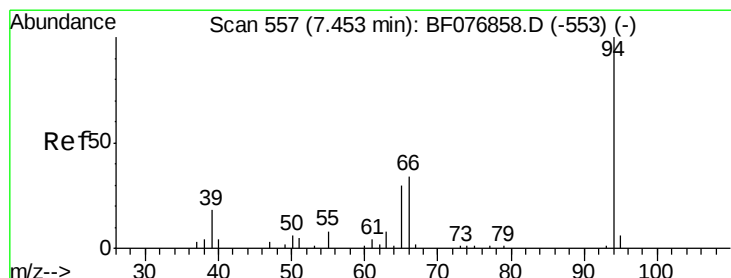
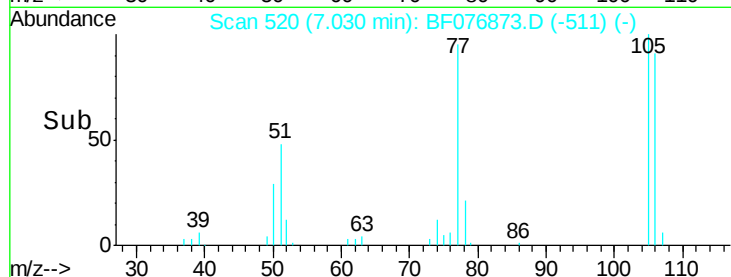
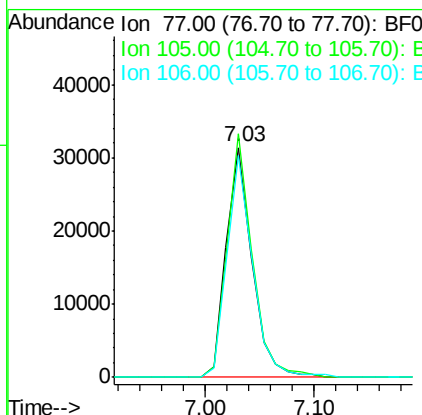
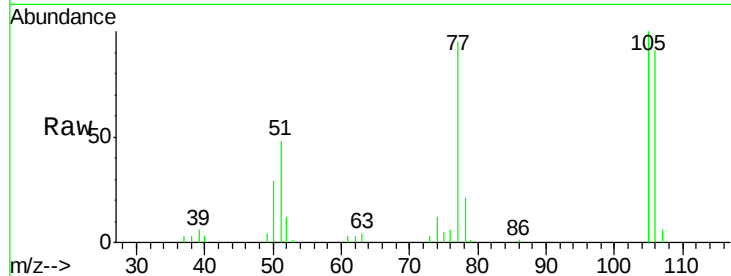




#9
Benzaldehyde
Concen: 33.62 ng
RT: 7.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

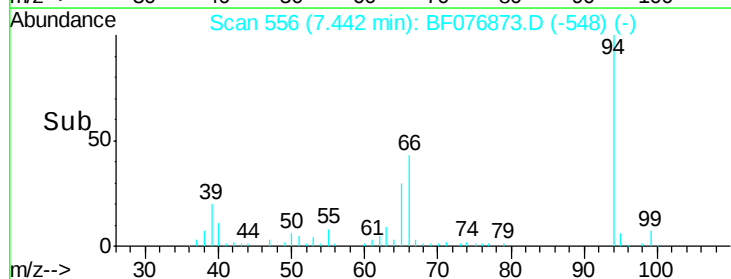
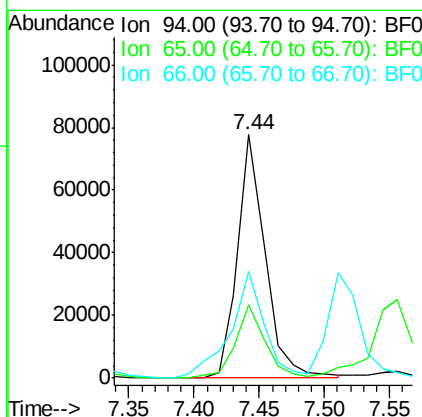
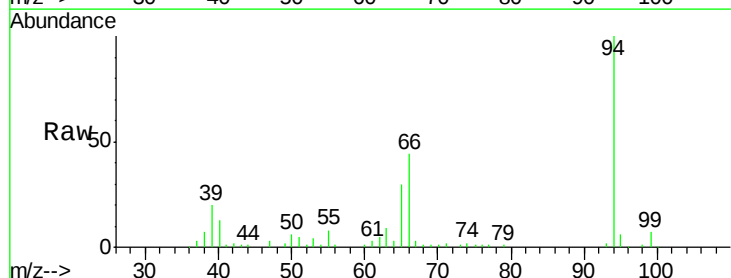
Instrument :
BNA_F
ClientSampled :

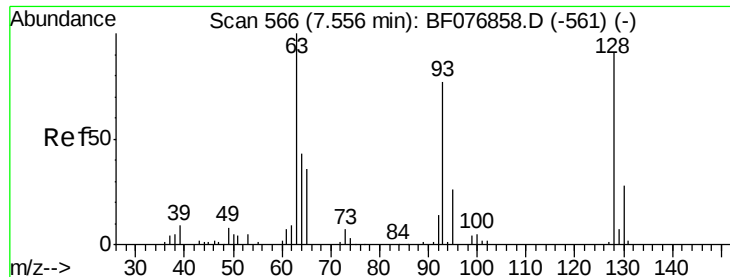
Tot Ion: 77 Resp: 51659
Ion Ratio Lower Upper
77 100
105 105.8 81.4 121.4
106 96.5 72.8 112.8



#10
Phenol
Concen: 41.42 ng
RT: 7.44 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion: 94 Resp: 114928
Ion Ratio Lower Upper
94 100
65 30.1 11.3 51.3
66 43.9 19.5 59.5

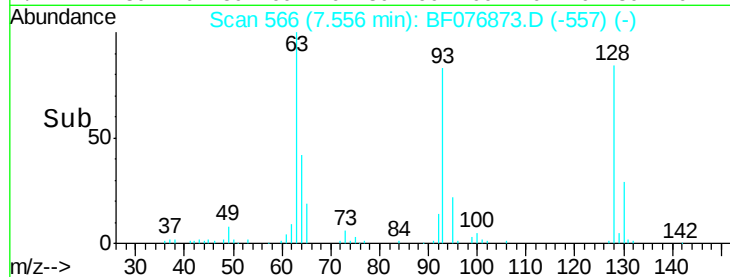
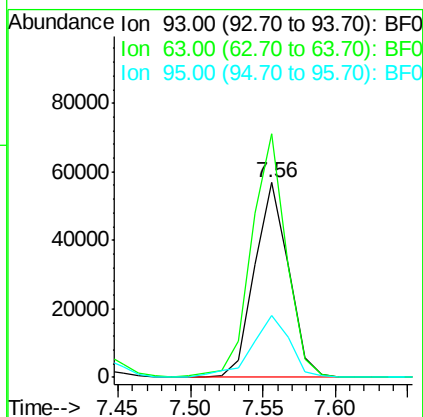
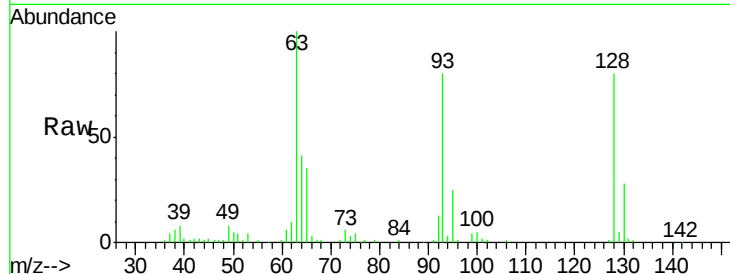




#11
bis(2-Chloroethyl)ether
Concen: 42.45 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

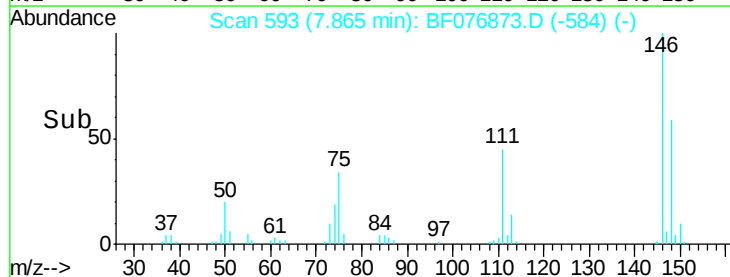
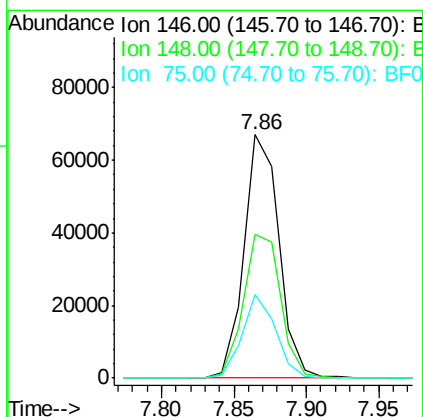
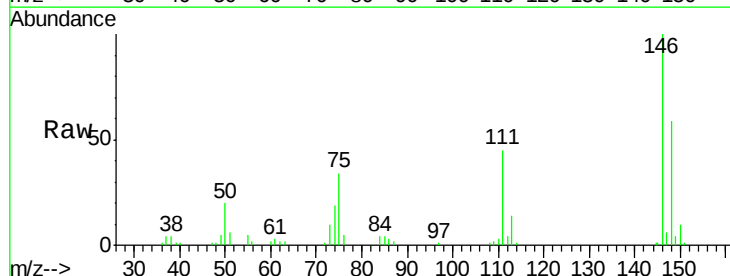
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 92168
Ion Ratio Lower Upper
93 100
63 125.2 111.3 151.3
95 31.8 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 41.19 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion: 146 Resp: 111911
Ion Ratio Lower Upper
146 100
148 59.3 48.1 72.1
75 34.5 26.8 40.2

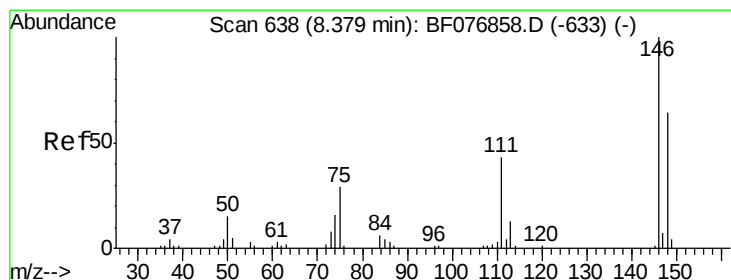
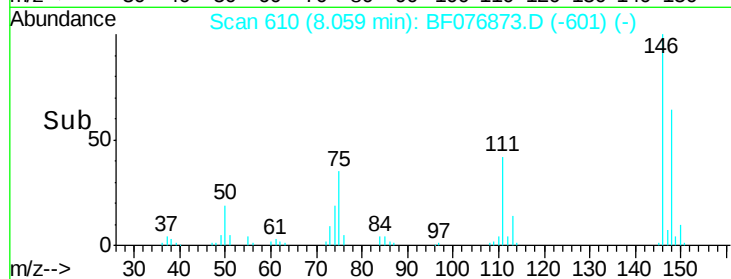
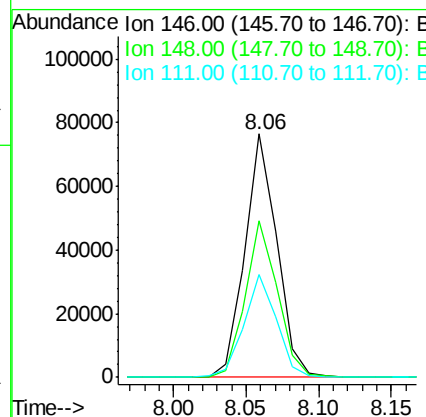
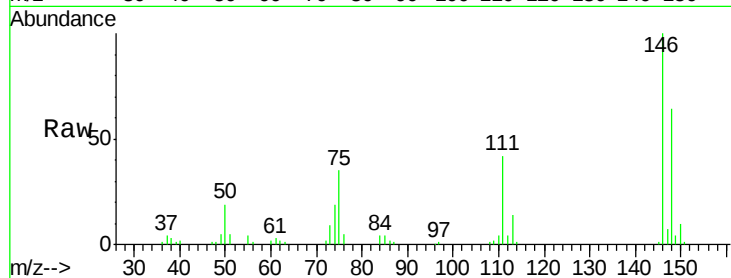




#13
 1,4-Dichlorobenzene
 Concen: 40.81 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

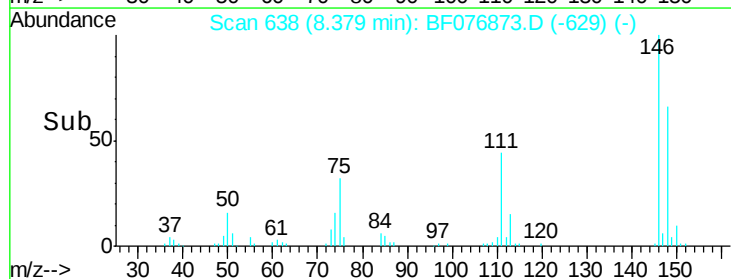
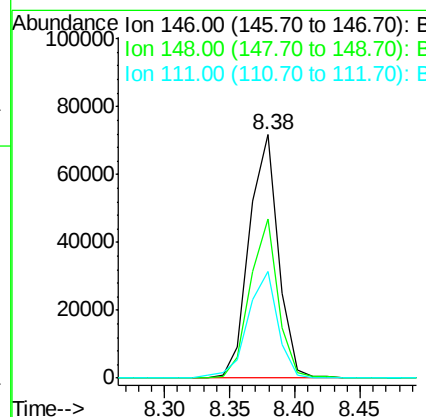
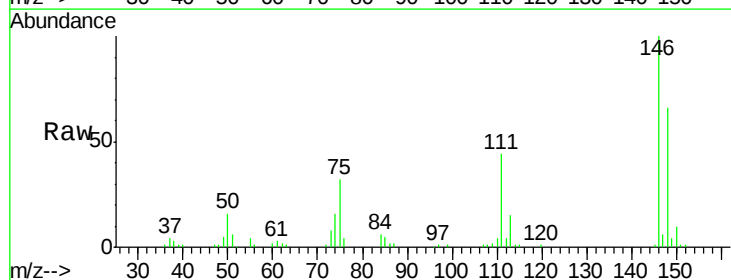
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 117553
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.5 77.3
 111 42.5 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 41.92 ng
 RT: 8.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:146 Resp: 111274
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.3 76.9
 111 43.9 34.5 51.7





#15

Benzyl Alcohol

Concen: 41.27 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

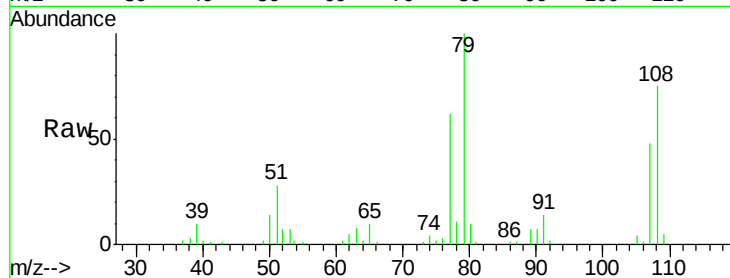
Tot Ion: 79 Resp: 87272

Ion Ratio Lower Upper

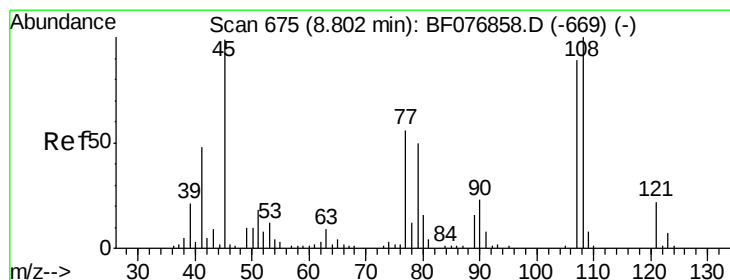
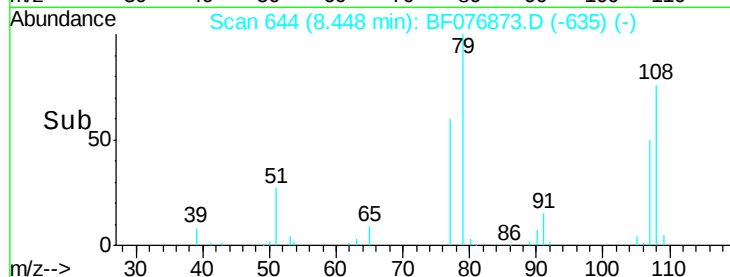
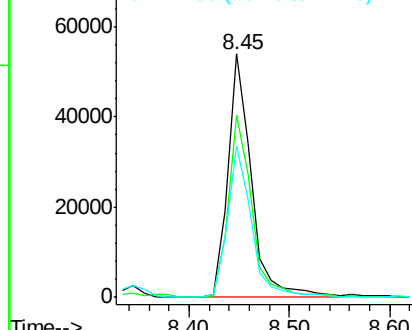
79 100

108 74.6 57.2 85.8

77 62.0 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.26 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

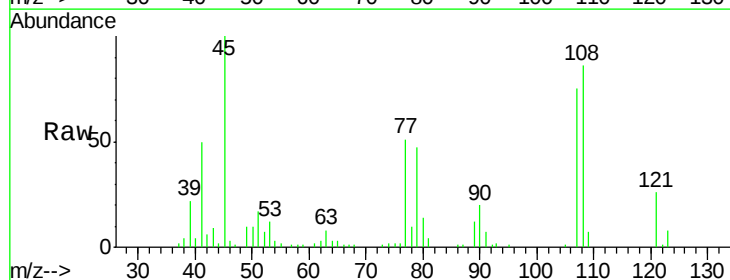
Tgt Ion: 45 Resp: 117507

Ion Ratio Lower Upper

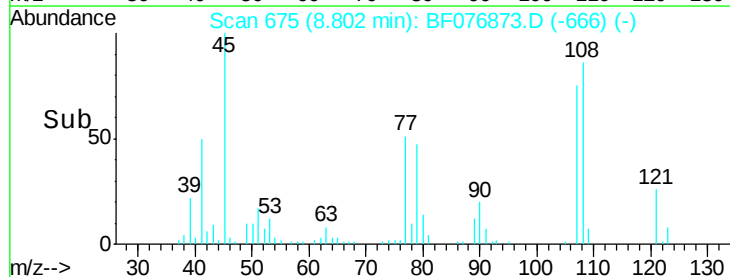
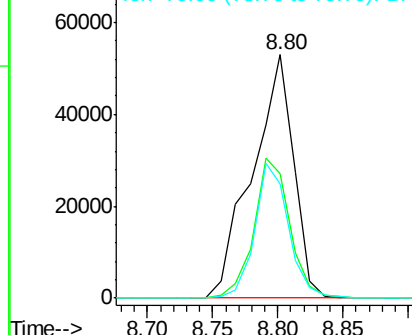
45 100

77 51.1 36.1 76.1

79 46.8 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.48 ng

RT: 8.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 80938

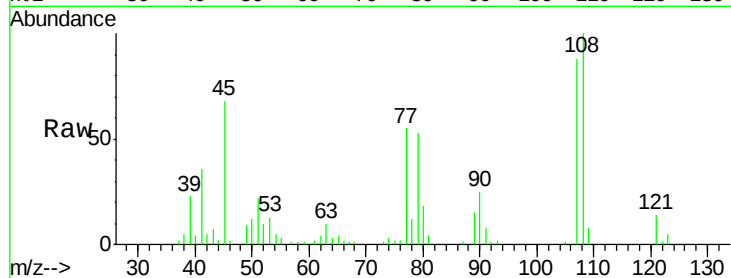
Ion Ratio Lower Upper

107 100

108 113.3 89.7 134.5

77 61.8 50.1 75.1

79 59.5 45.0 67.6

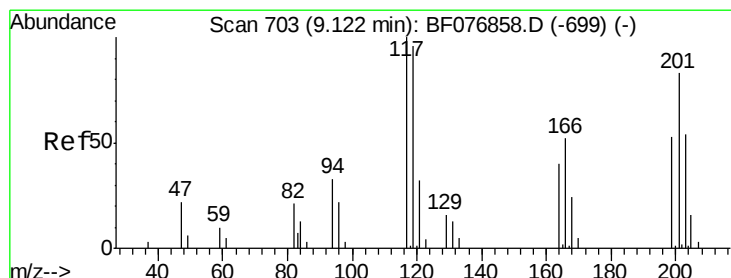
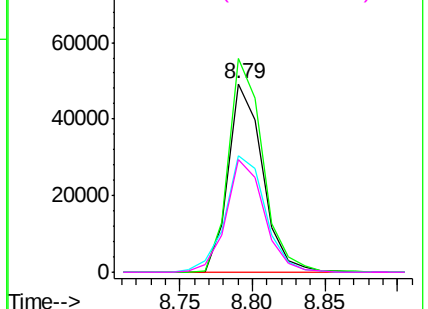
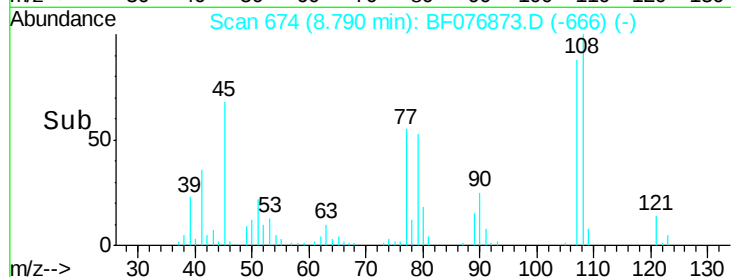


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.93 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

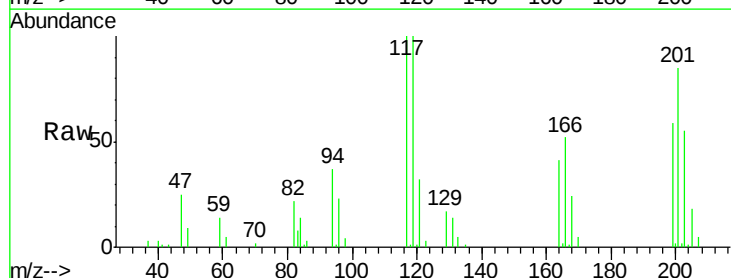
Tgt Ion:117 Resp: 43014

Ion Ratio Lower Upper

117 100

119 100.2 77.1 115.7

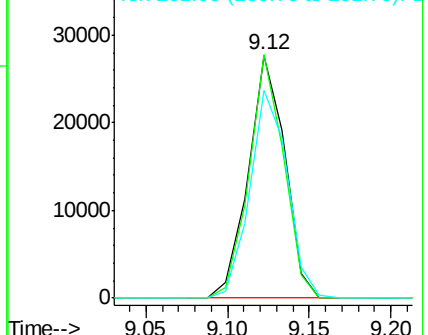
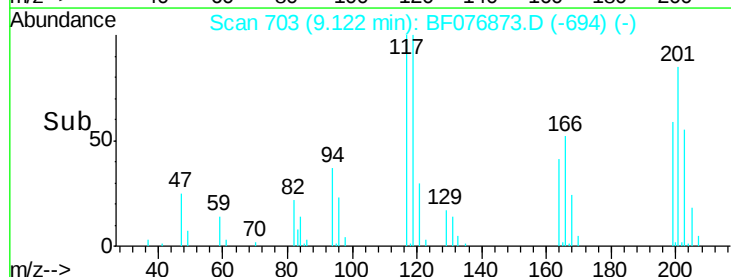
201 85.6 66.8 100.2

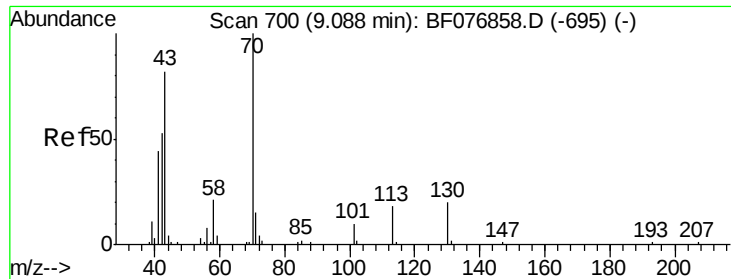


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

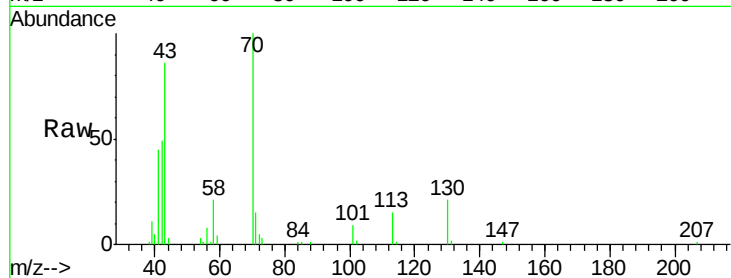




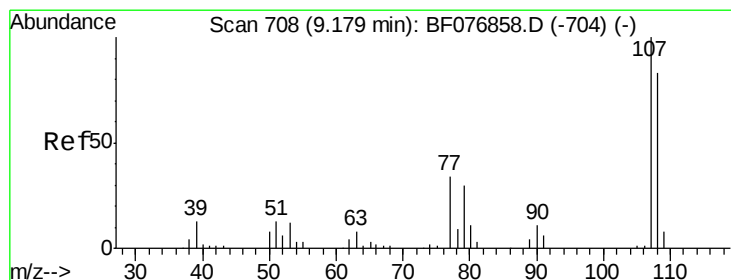
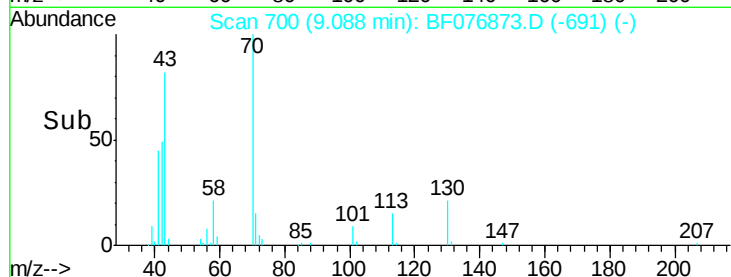
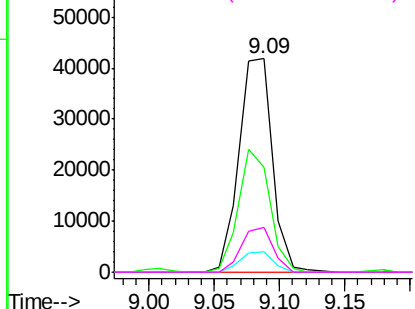
#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	74766
Ion	Ratio	Lower	Upper
70	100		
42	48.9	42.1	63.1
101	9.5	7.8	11.8
130	20.9	16.2	24.4

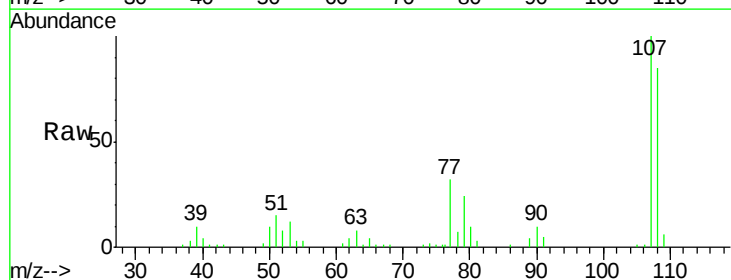


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

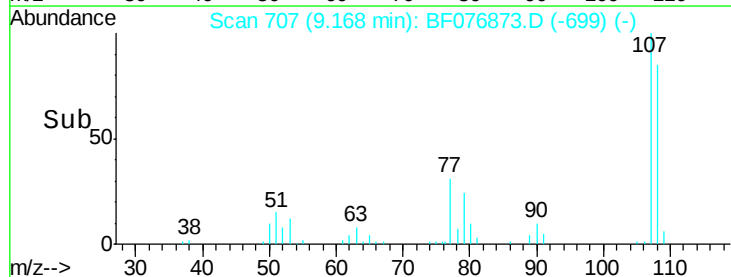
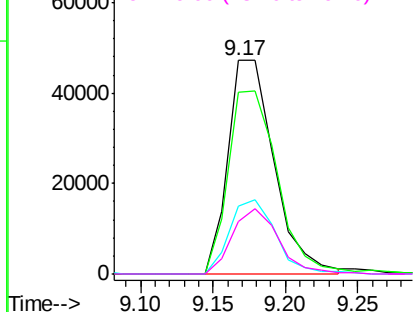


#20
3+4-Methylphenols
Concen: 40.56 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:	107	Resp:	104806
Ion	Ratio	Lower	Upper
107	100		
108	85.0	63.5	103.5
77	31.9	14.0	54.0
79	24.3	9.9	49.9



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

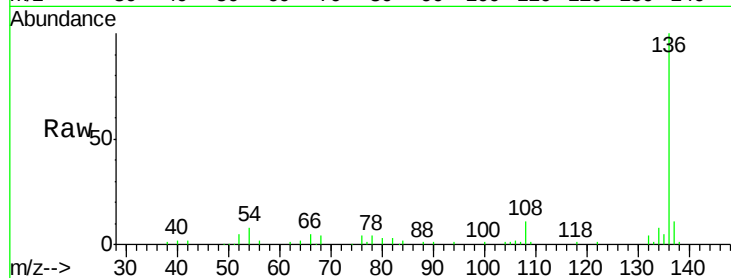




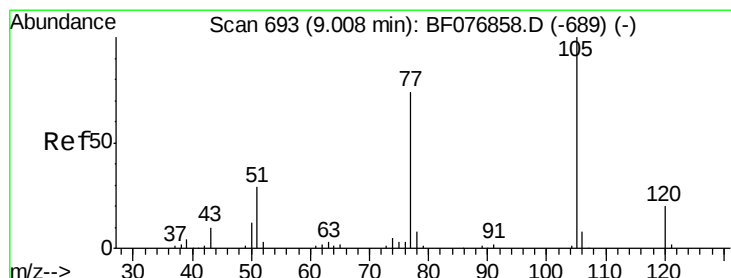
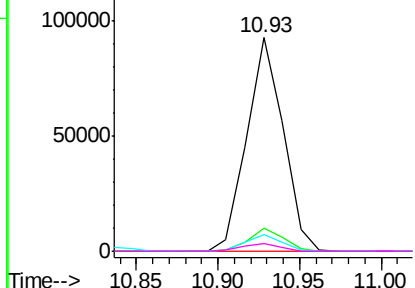
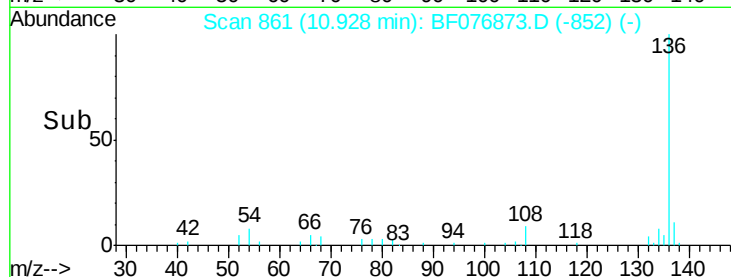
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	143642
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.1 12.1
54	8.0	7.0 10.4
68	3.9	3.7 5.5

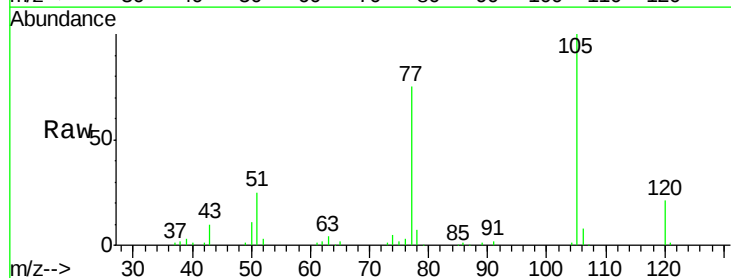


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

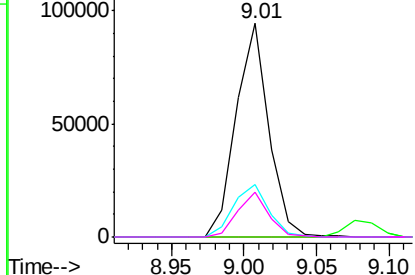
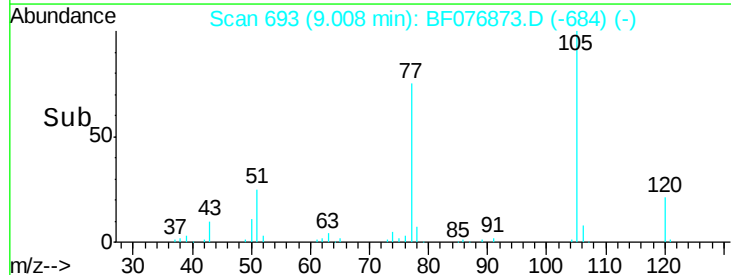


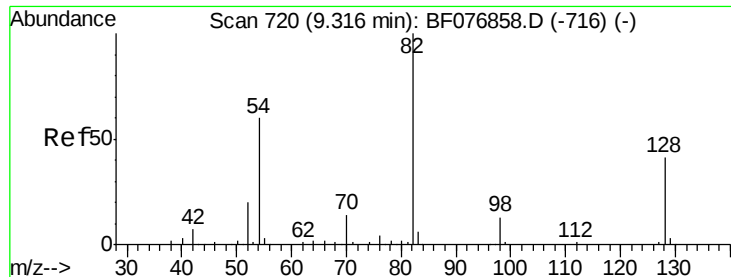
#22
Acetophenone
Concen: 42.09 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:105	Resp:	148089
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	24.6	23.3 34.9
120	20.8	16.1 24.1



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

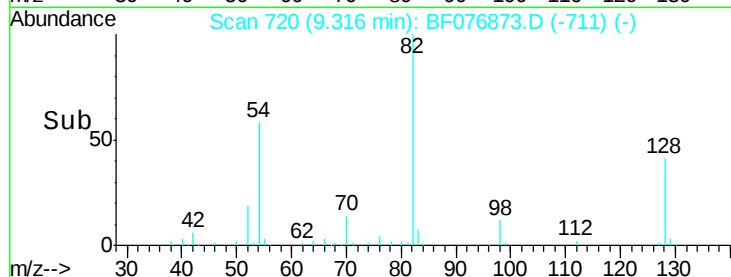
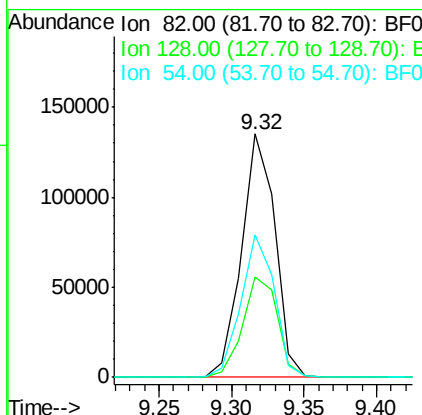
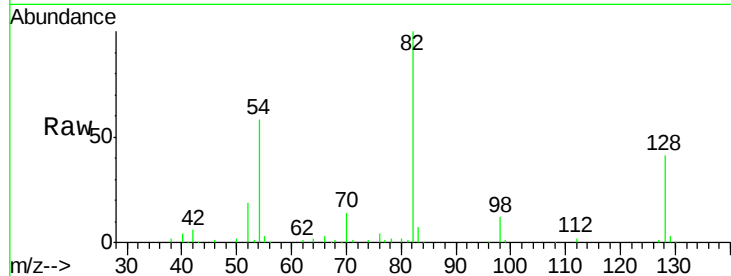




#23
 Nitrobenzene-d5
 Concen: 83.24 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

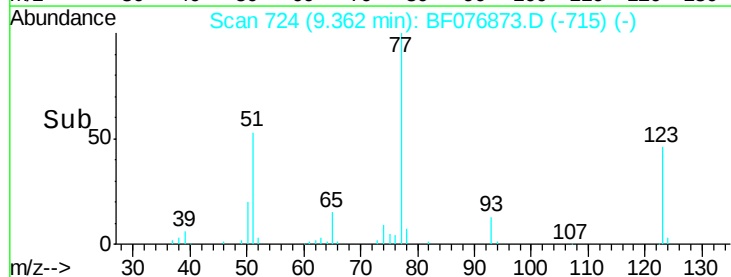
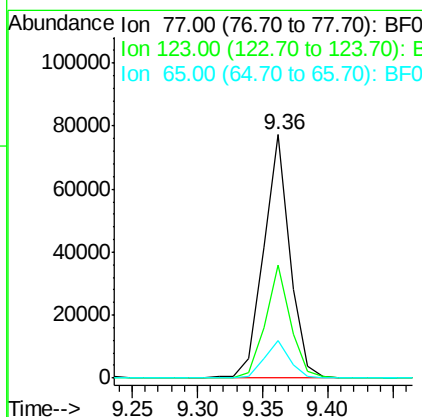
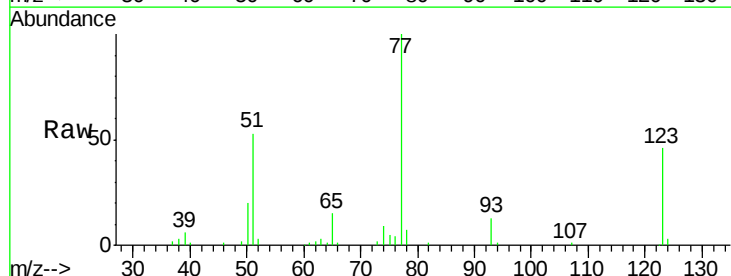
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	215830
Ion Ratio	100	Lower	Upper
128	41.2	33.1	49.7
54	58.4	48.3	72.5



#24
 Nitrobenzene
 Concen: 41.29 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion	77	Resp	109050
Ion Ratio	100	Lower	Upper
123	46.4	35.2	52.8
65	15.5	11.4	17.2





#25

Isophorone

Concen: 42.32 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

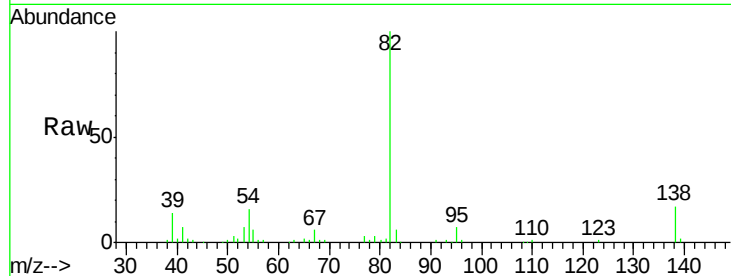
Tot Ion: 82 Resp: 199851

Ion Ratio Lower Upper

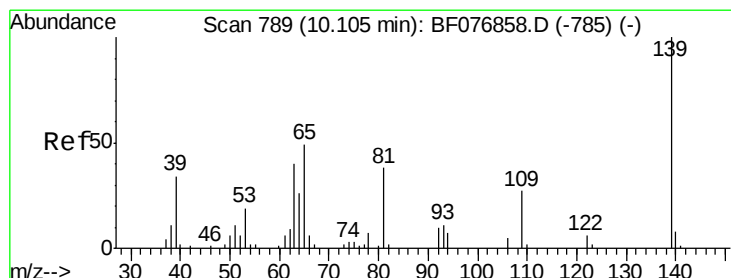
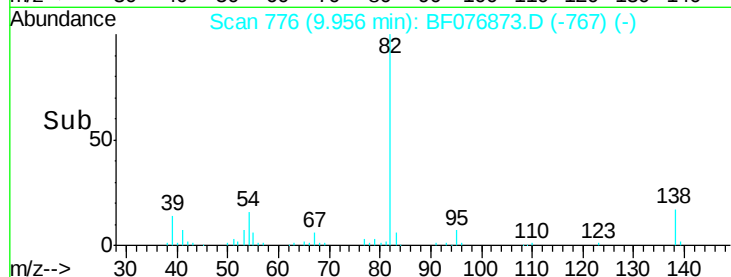
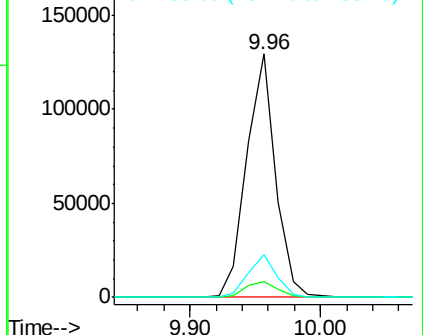
82 100

95 6.6 6.6 10.0#

138 17.3 12.6 18.8



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: 40.82 ng

RT: 10.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

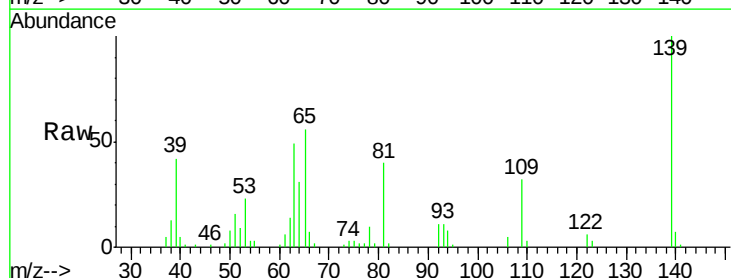
Tgt Ion: 139 Resp: 55491

Ion Ratio Lower Upper

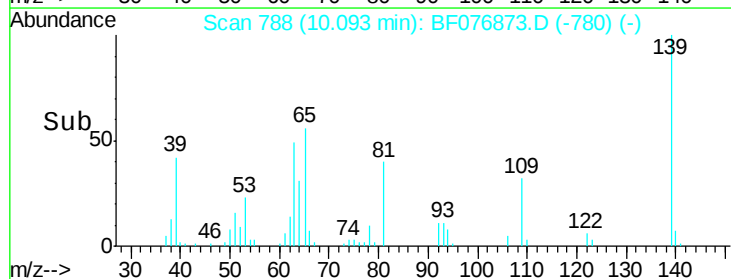
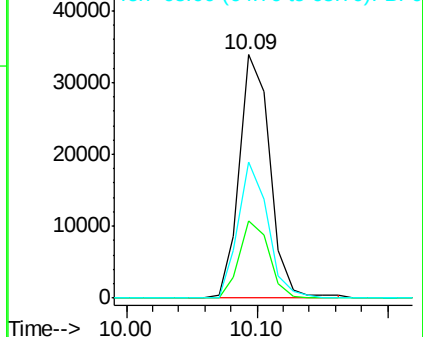
139 100

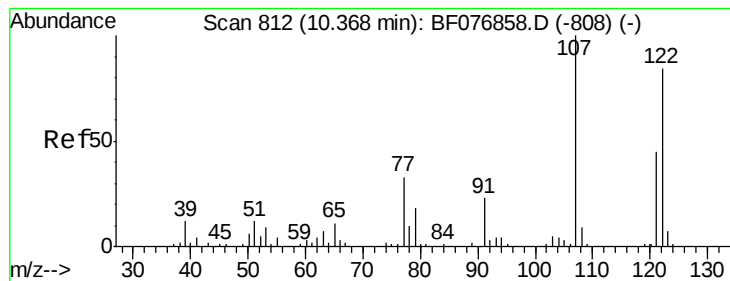
109 31.6 21.3 31.9

65 55.8 39.4 59.0



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: 41.79 ng

RT: 10.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

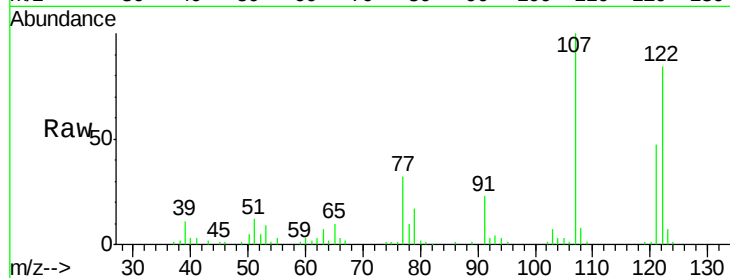
Tot Ion:122 Resp: 85351

Ion Ratio Lower Upper

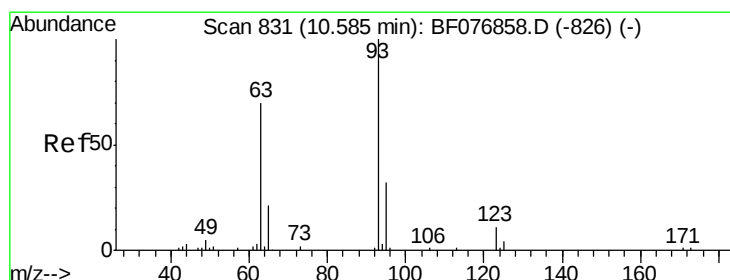
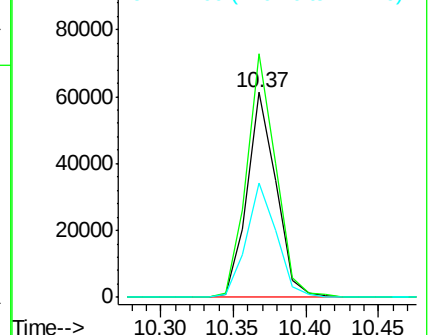
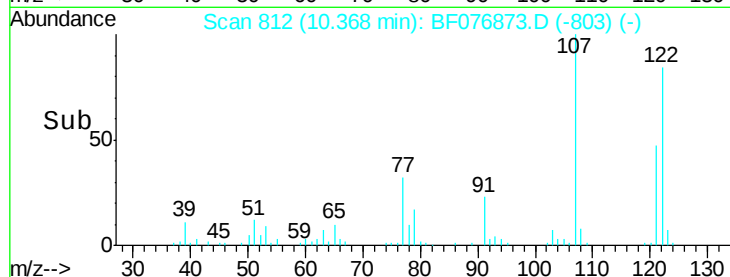
122 100

107 118.8 95.2 142.8

121 55.7 42.9 64.3



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: 42.60 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

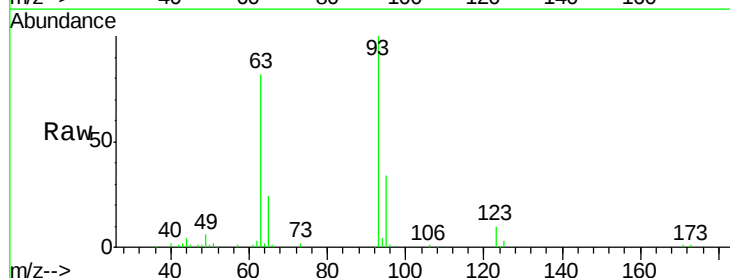
Tgt Ion: 93 Resp: 114321

Ion Ratio Lower Upper

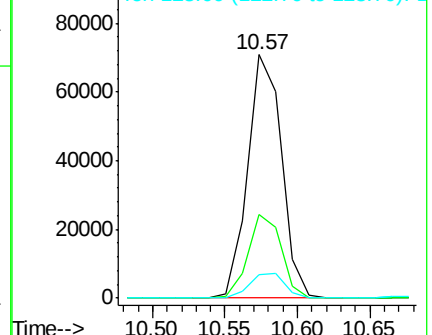
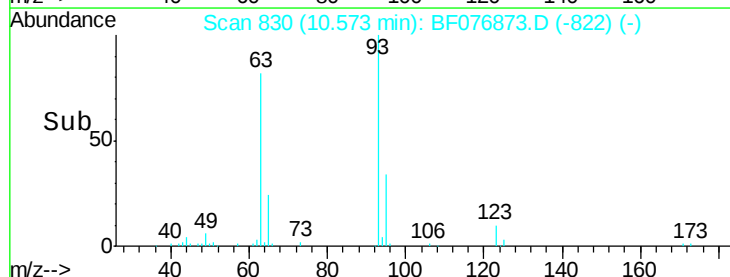
93 100

95 34.5 25.6 38.4

123 9.8 8.9 13.3



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

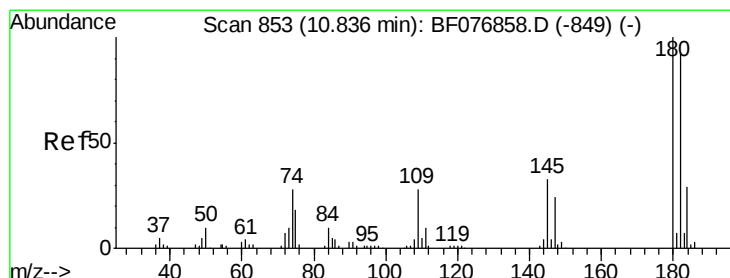
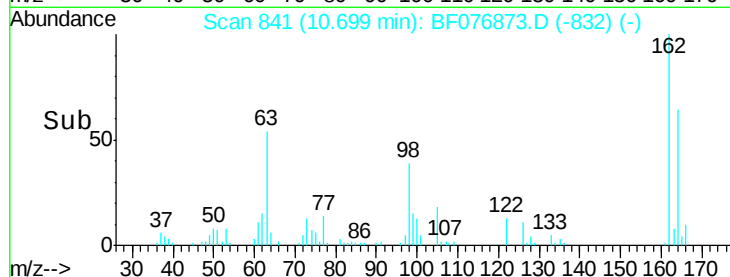
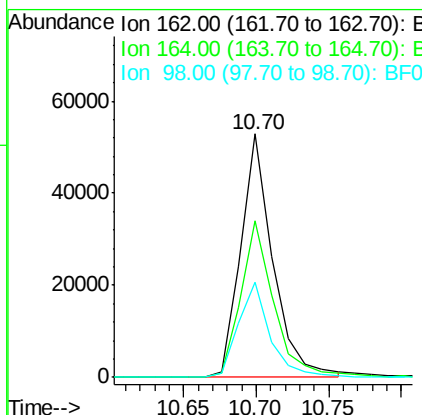
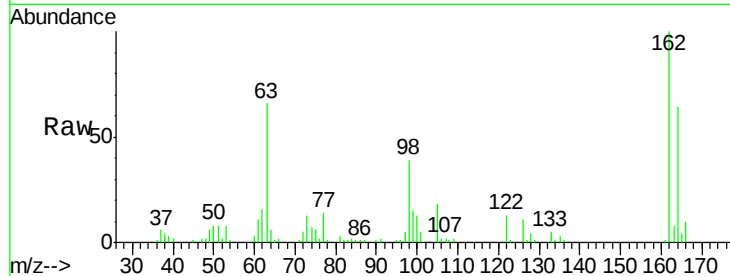




#29
 2,4-Dichlorophenol
 Concen: 42.74 ng
 RT: 10.70 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

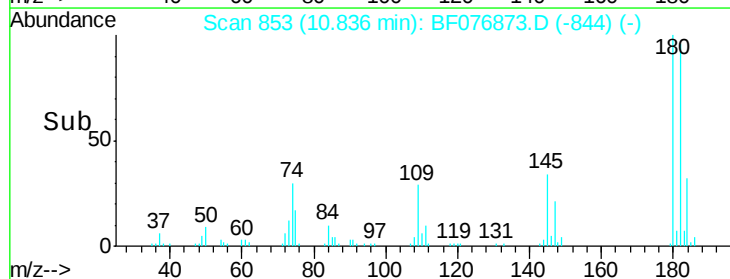
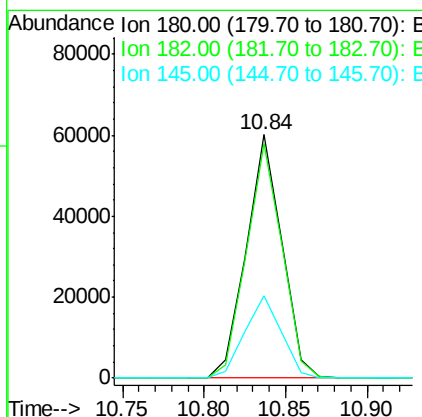
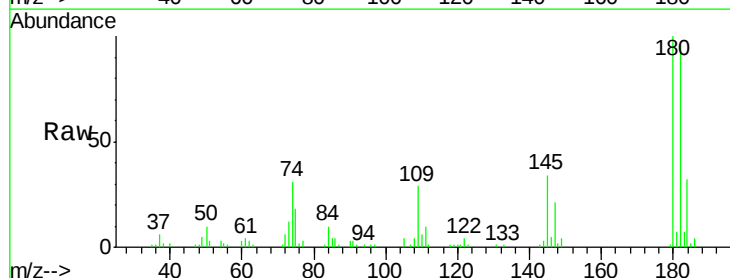
Instrument :
 BNA_F
 ClientSampleId :

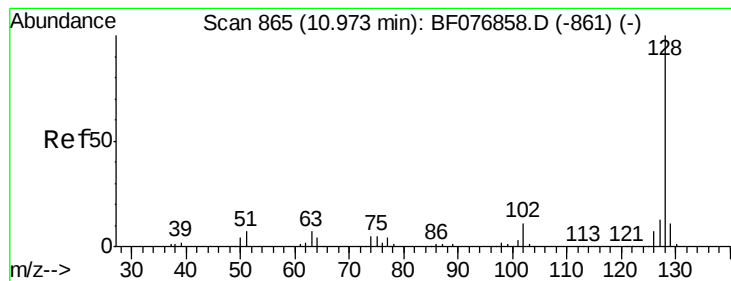
Tot Ion:162 Resp: 81367
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.8 83.8
 98 39.3 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.00 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:180 Resp: 90919
 Ion Ratio Lower Upper
 180 100
 182 96.3 73.6 110.4
 145 33.9 26.6 39.8





#31

Naphthalene

Concen: 42.52 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

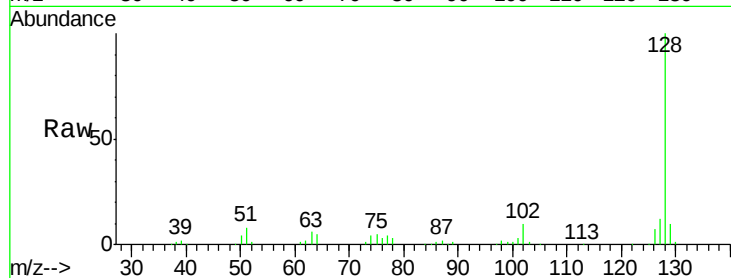
Tot Ion:128 Resp: 314415

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.6

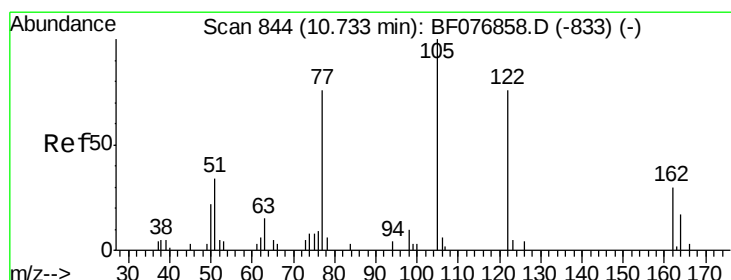
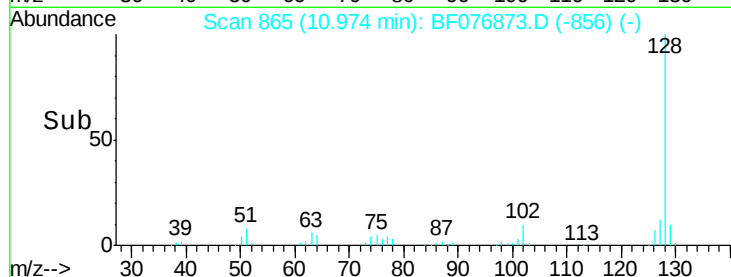
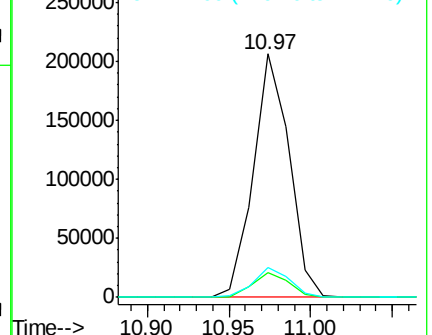
127 12.3 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.35 ng

RT: 10.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

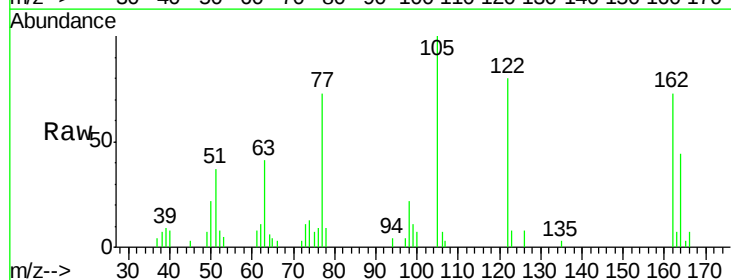
Tgt Ion:122 Resp: 21892

Ion Ratio Lower Upper

122 100

105 124.7 111.3 151.3

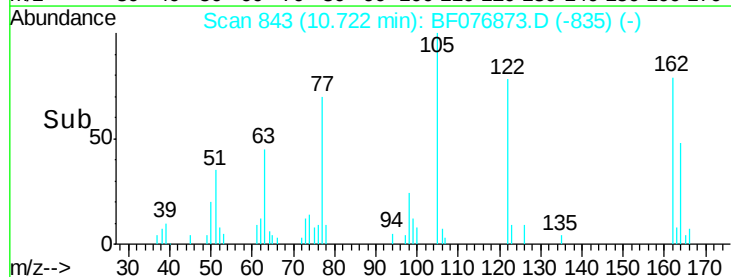
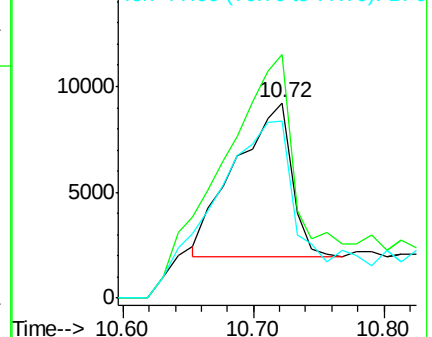
77 90.5 79.2 119.2

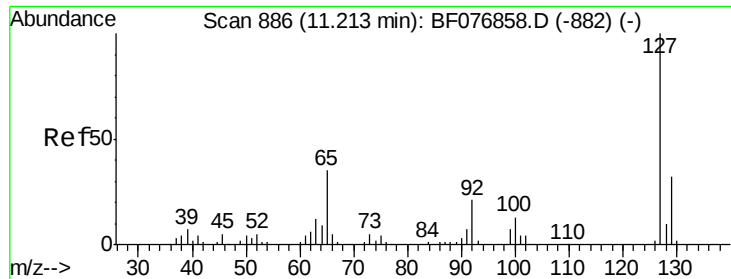


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

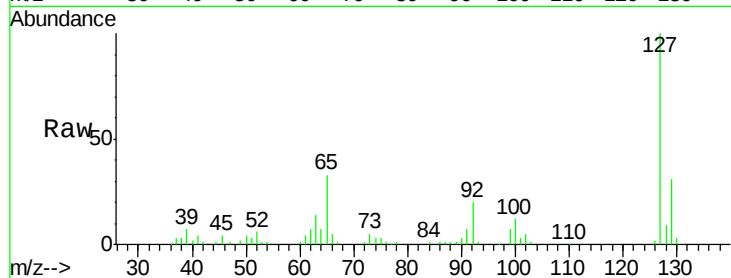




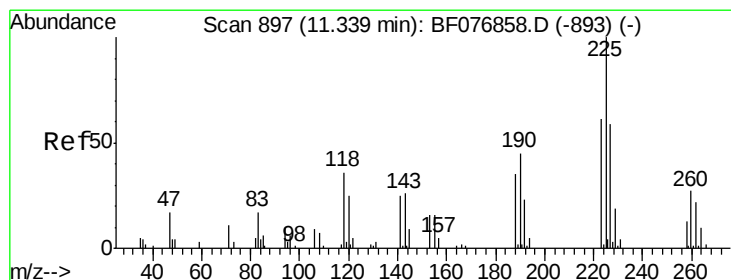
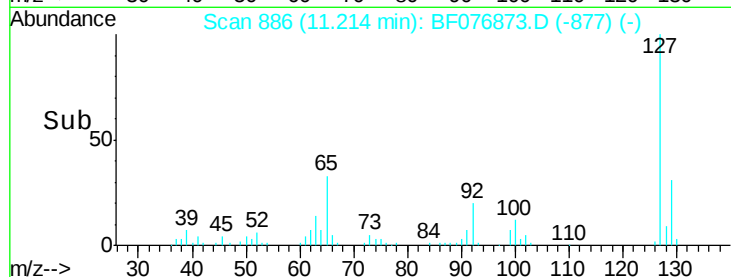
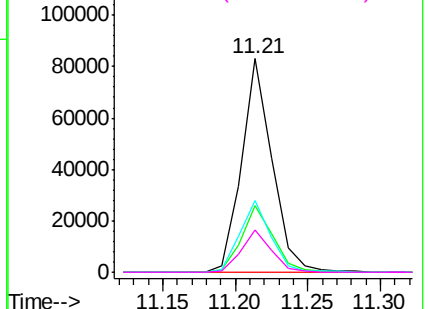
#33
4-Chloroaniline
Concen: 40.60 ng
RT: 11.21 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 121328
Ion Ratio Lower Upper
127 100
129 30.9 25.3 37.9
65 33.4 27.8 41.6
92 19.6 16.5 24.7

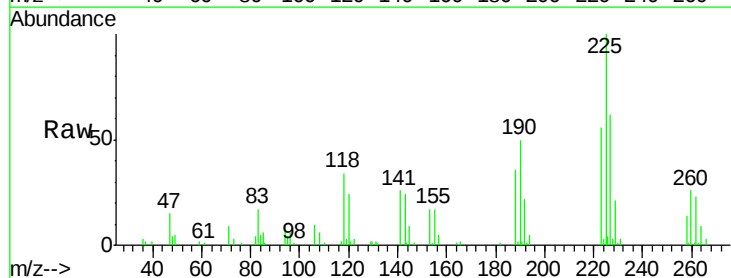


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

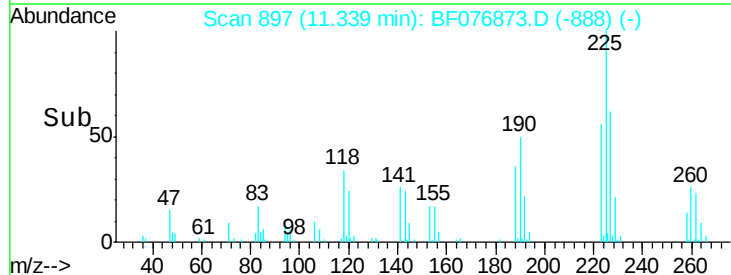
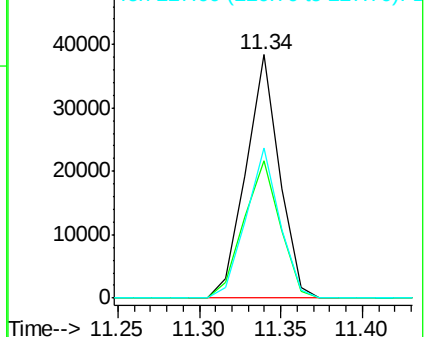


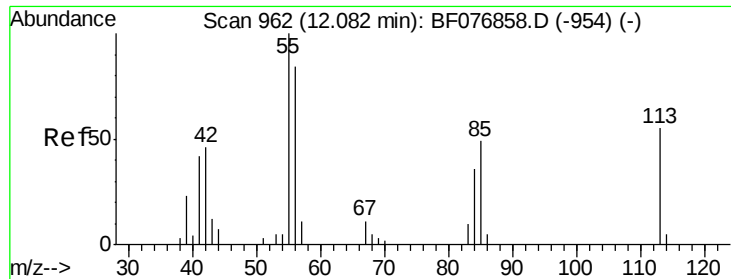
#34
Hexachlorobutadiene
Concen: 43.47 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:225 Resp: 54529
Ion Ratio Lower Upper
225 100
223 56.4 49.1 73.7
227 61.9 47.5 71.3



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

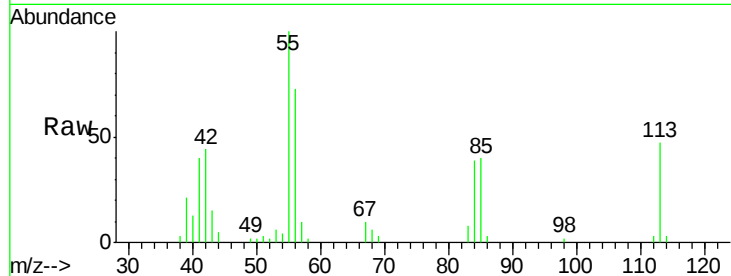




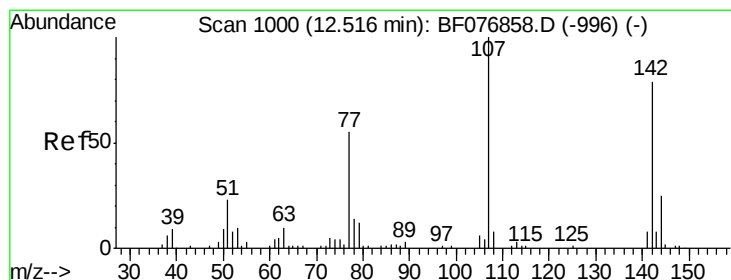
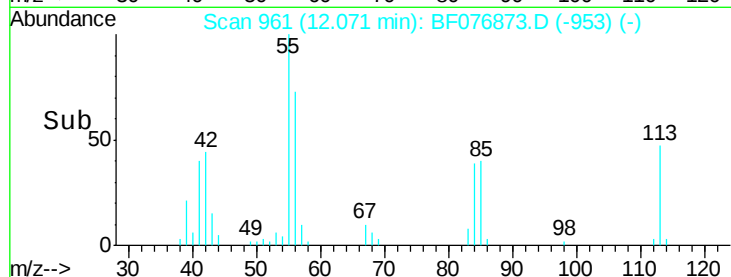
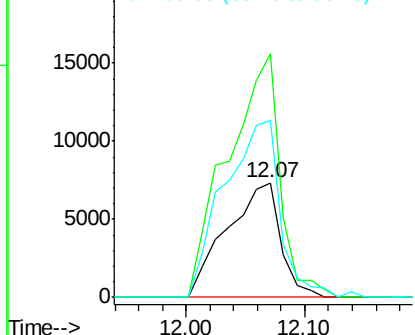
#35
Caprolactam
Concen: 41.28 ng
RT: 12.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 23137
Ion Ratio Lower Upper
113 100
55 212.0 162.1 202.1#
56 153.7 133.7 173.7

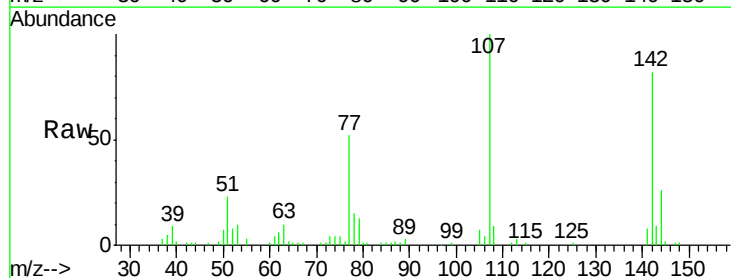


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

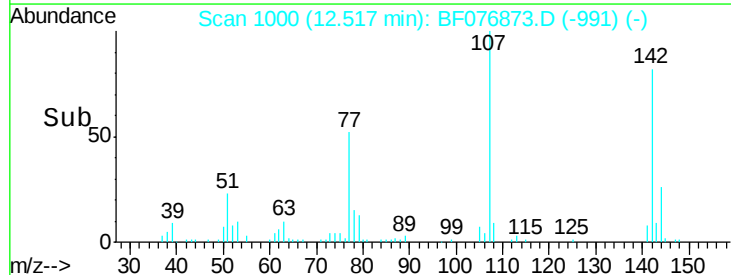
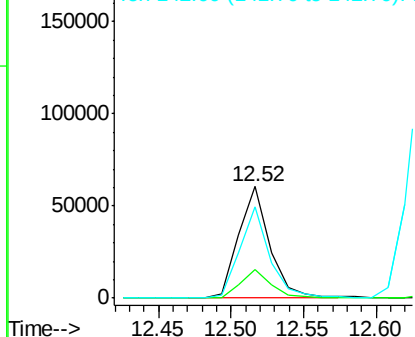


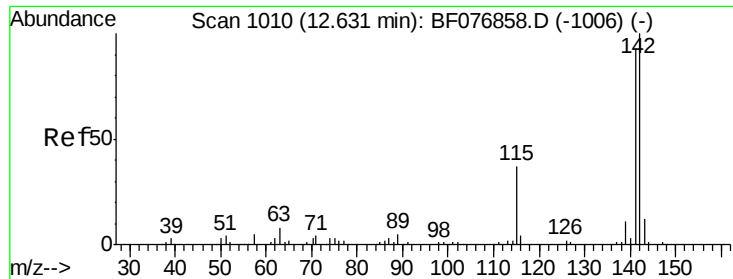
#36
4-Chloro-3-methylphenol
Concen: 41.47 ng
RT: 12.52 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:107 Resp: 90394
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 82.3 63.5 95.3



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

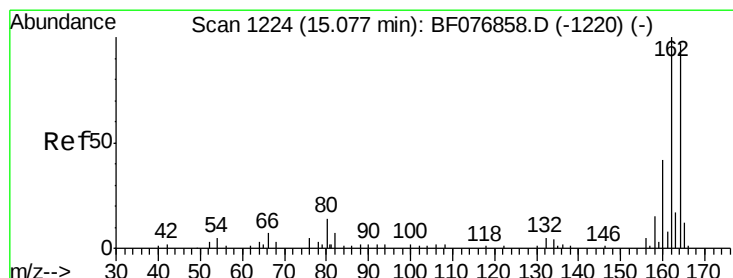
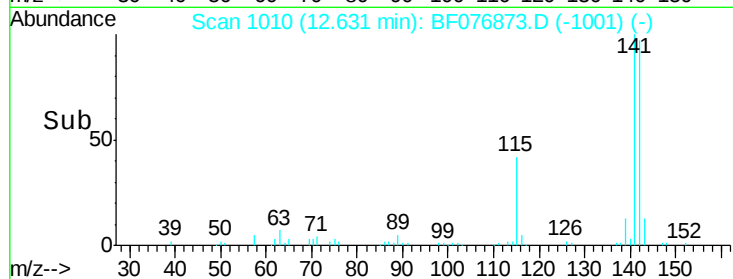
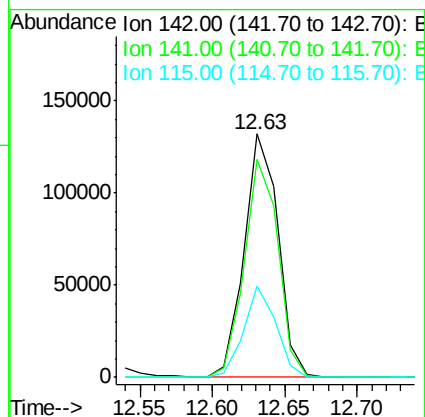
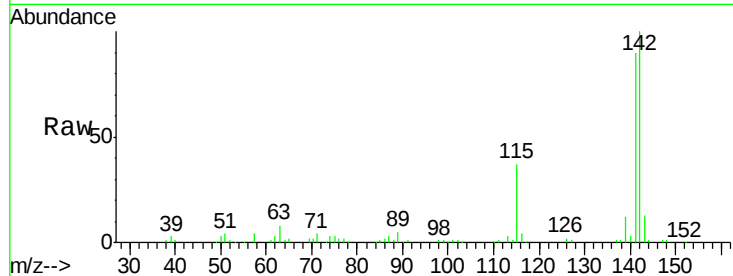




#37
 2-Methylnaphthalene
 Concen: 42.42 ng
 RT: 12.63 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

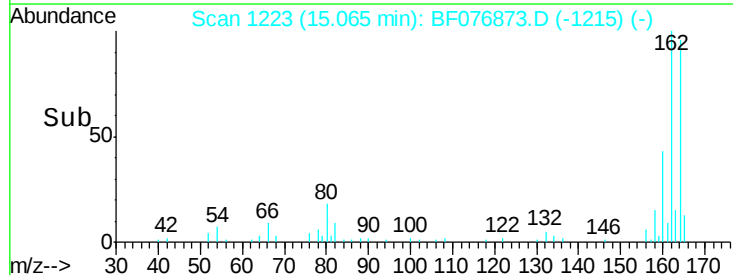
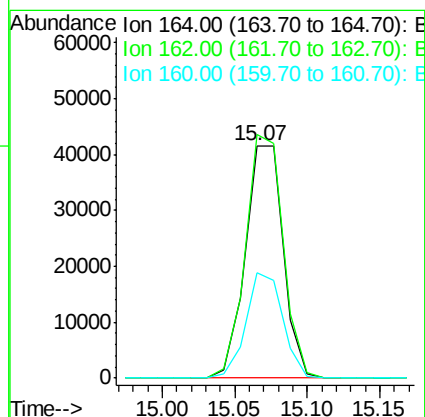
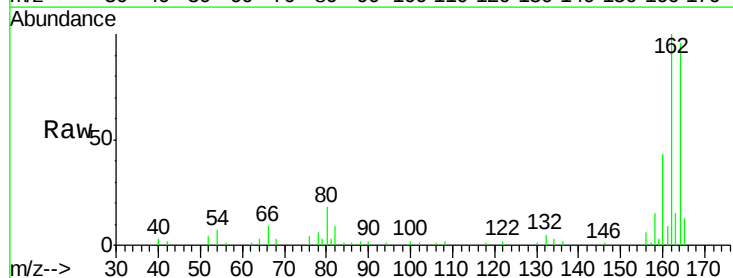
Instrument :
 BNA_F
 ClientSampleId :

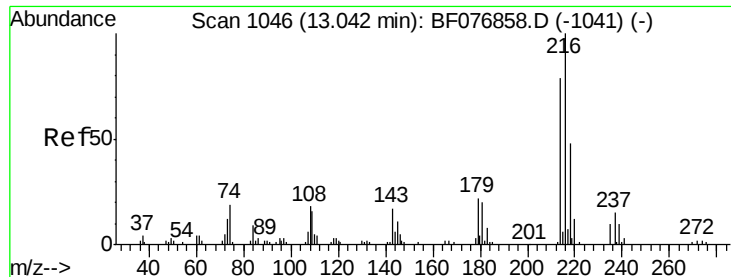
Tot Ion:142 Resp: 214214
 Ion Ratio Lower Upper
 142 100
 141 89.5 74.5 111.7
 115 37.5 29.7 44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:164 Resp: 75445
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 45.3 34.8 52.2

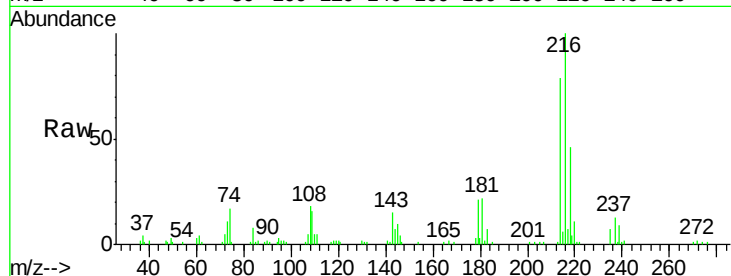




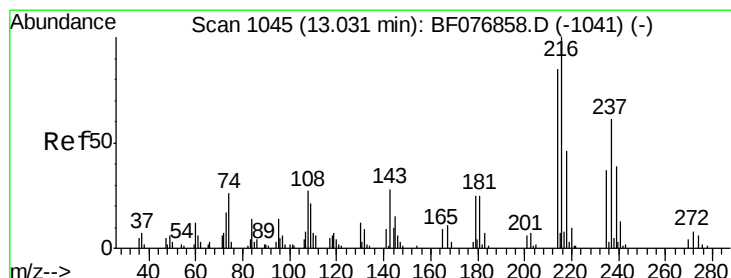
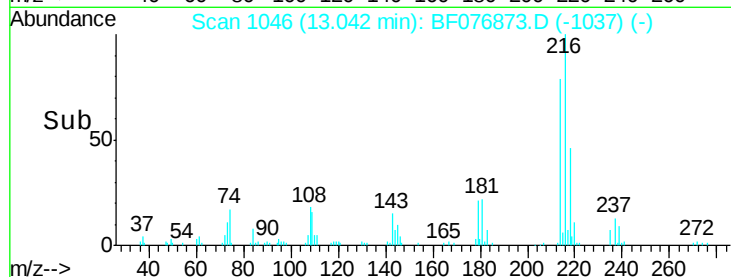
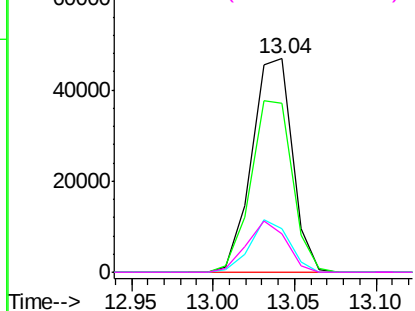
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.52 ng
 RT: 13.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	81173
Ion Ratio	Lower	Upper
216	100	
214	82.3	64.9 97.3
179	23.7	18.6 28.0
108	23.4	18.1 27.1

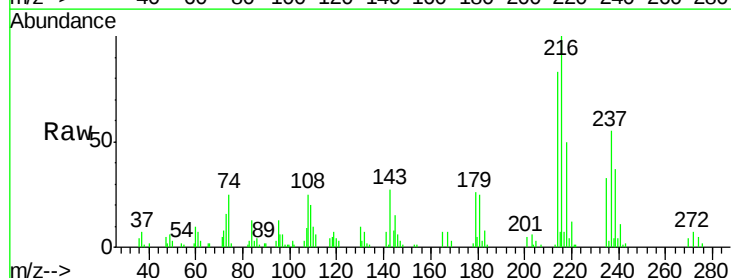


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

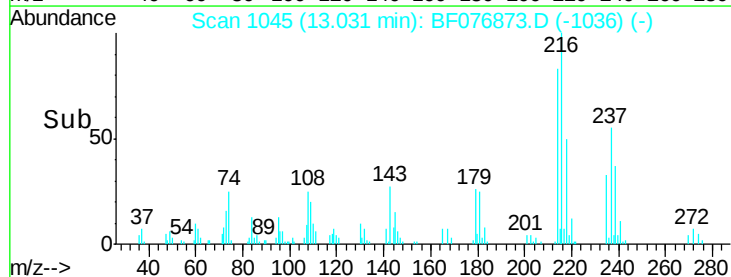
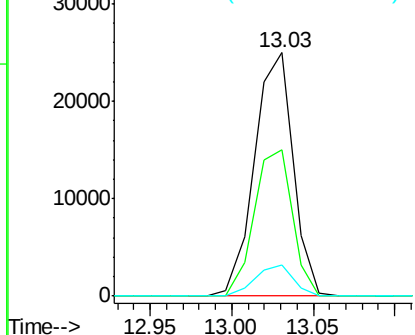


#40
 Hexachlorocyclopentadiene
 Concen: 42.27 ng
 RT: 13.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:237	Resp:	41307
Ion Ratio	Lower	Upper
237	100	
235	60.1	40.4 80.4
272	12.7	0.0 33.2



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

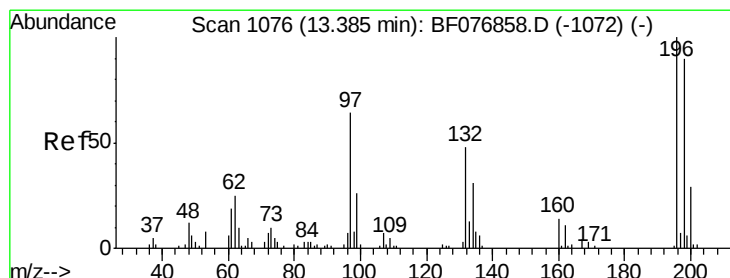
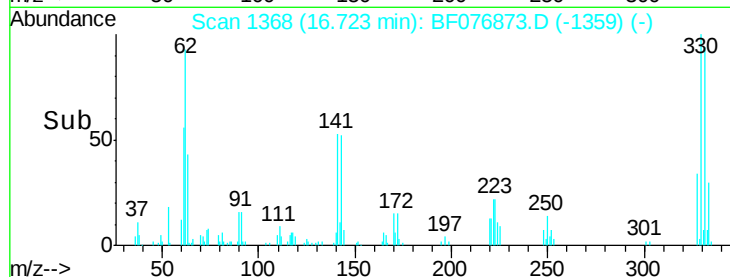
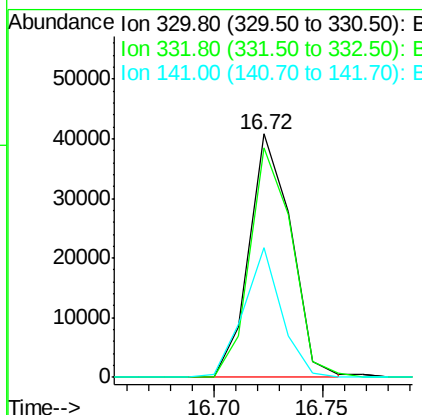
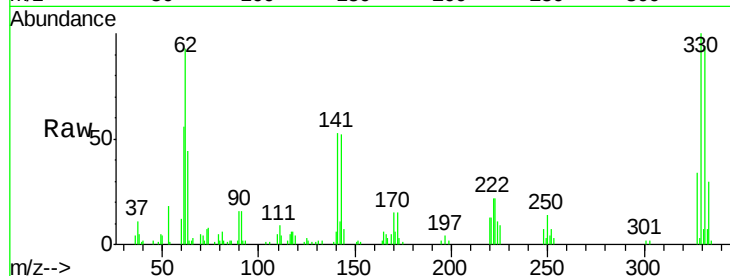




#41
 2,4,6-Tribromophenol
 Concen: 89.78 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

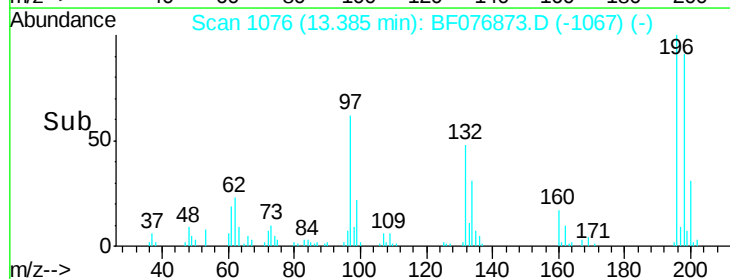
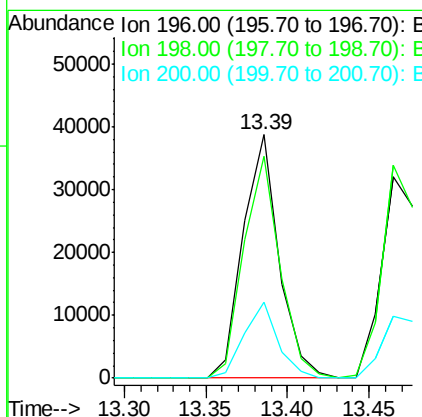
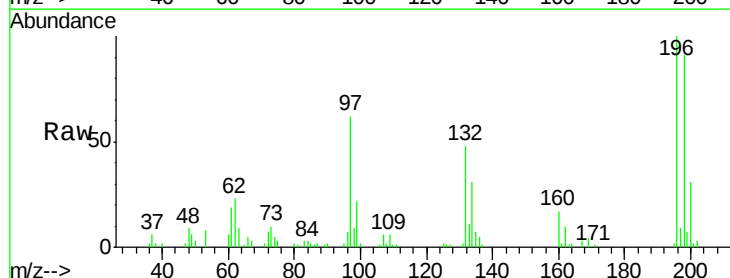
Instrument :
 BNA_F
 ClientSampleId :

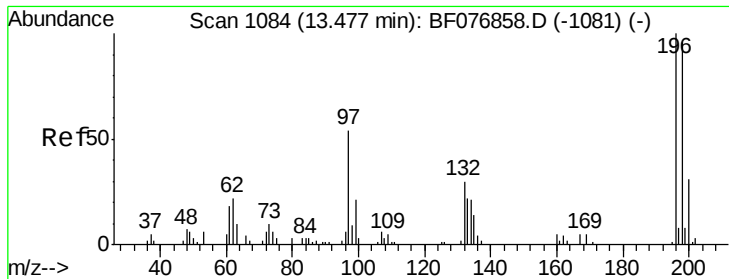
Tot Ion:330 Resp: 54981
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.8 116.6
 141 48.2 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 43.50 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:196 Resp: 59117
 Ion Ratio Lower Upper
 196 100
 198 91.3 72.0 108.0
 200 31.1 23.4 35.2

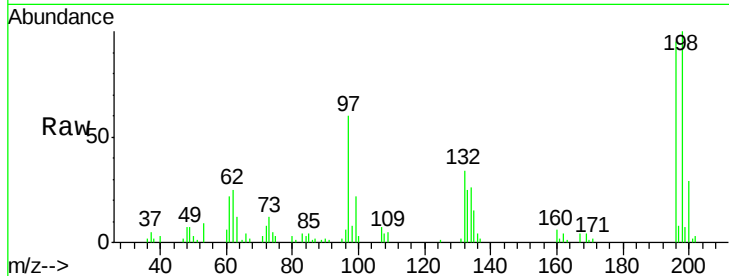




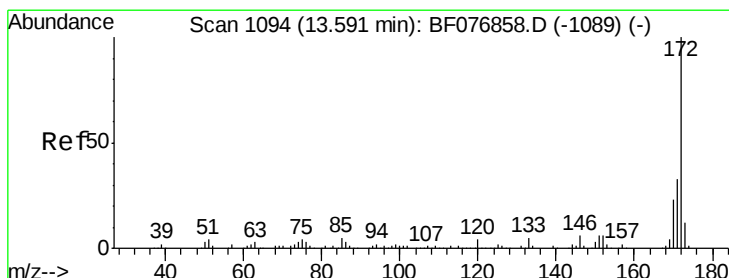
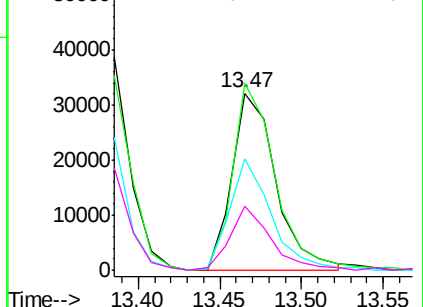
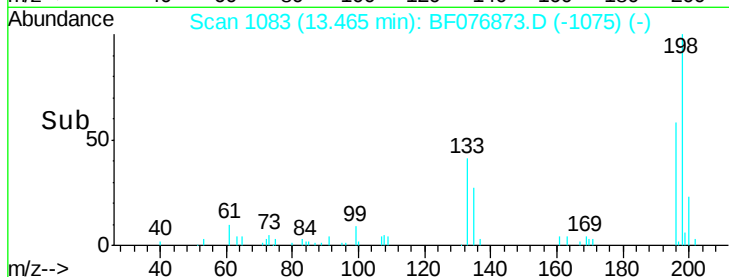
#43
 2,4,5-Trichlorophenol
 Concen: 43.23 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 59915
 Ion Ratio Lower Upper
 196 100
 198 105.7 76.6 115.0
 97 63.0 43.4 65.0
 132 36.3 23.7 35.5#

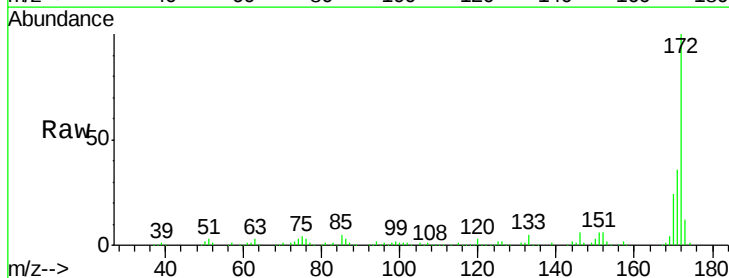


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

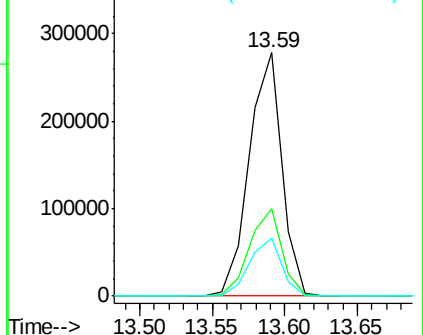
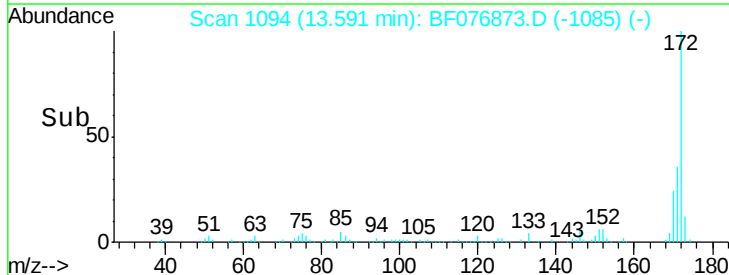


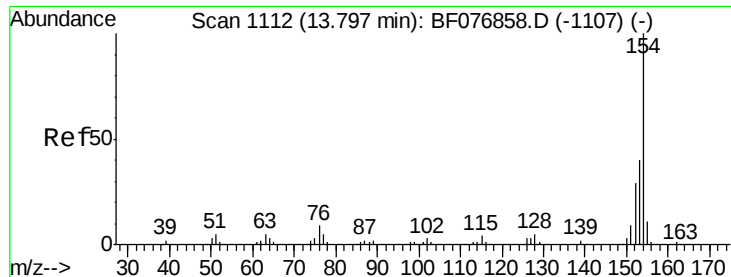
#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:172 Resp: 435958
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.6 40.0
 170 24.0 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.46 ng

RT: 13.79 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

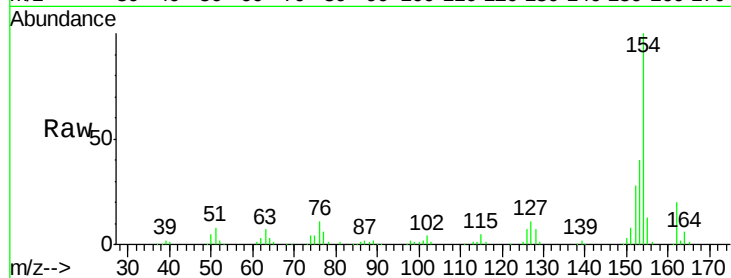
Tot Ion:154 Resp: 248664

Ion Ratio Lower Upper

154 100

153 39.5 20.2 60.2

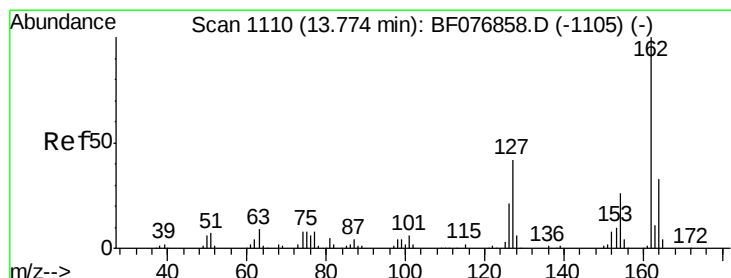
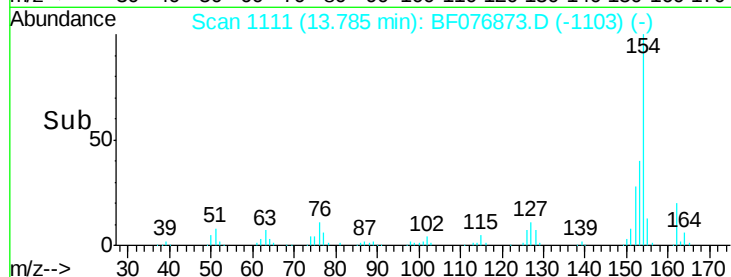
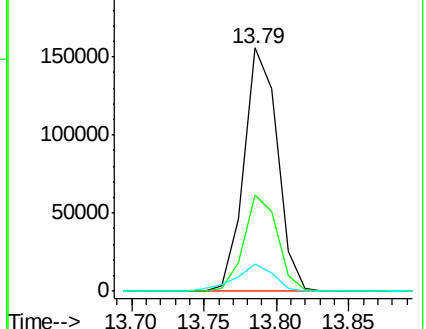
76 11.4 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 44.17 ng

RT: 13.77 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

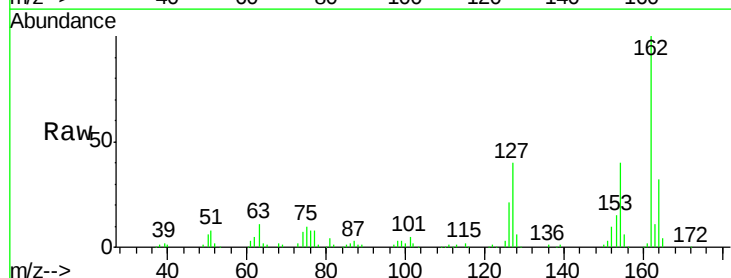
Tgt Ion:162 Resp: 203290

Ion Ratio Lower Upper

162 100

127 40.0 33.8 50.6

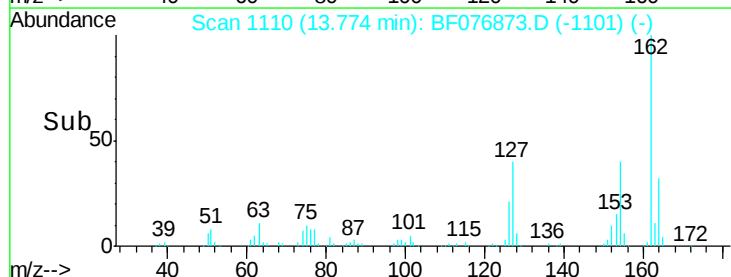
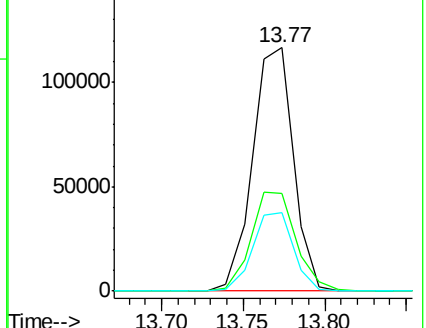
164 32.2 26.8 40.2

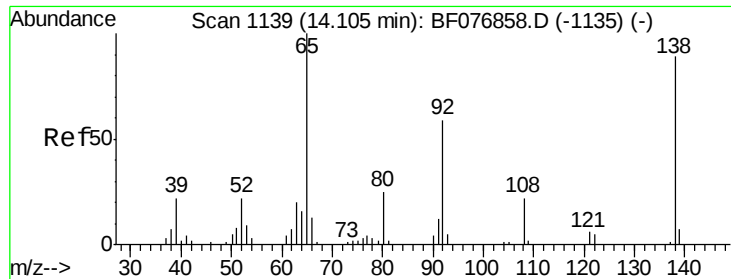


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.42 ng

RT: 14.11 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampled :

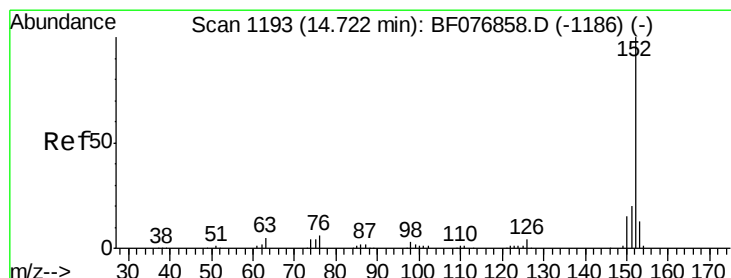
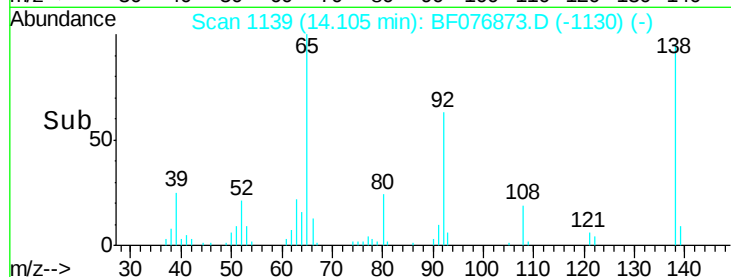
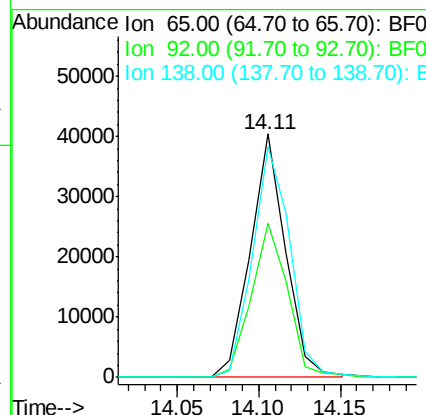
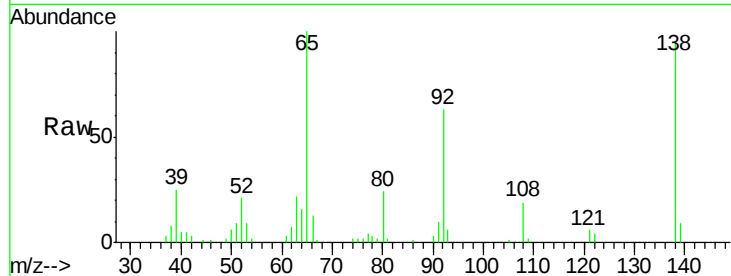
Tot Ion: 65 Resp: 60620

Ion Ratio Lower Upper

65 100

92 63.5 47.3 70.9

138 94.6 71.4 107.2



#48

Acenaphthylene

Concen: 43.61 ng

RT: 14.72 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

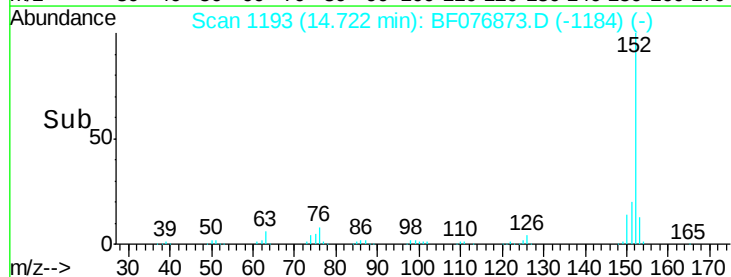
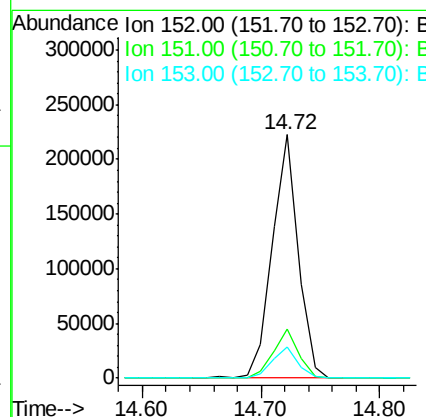
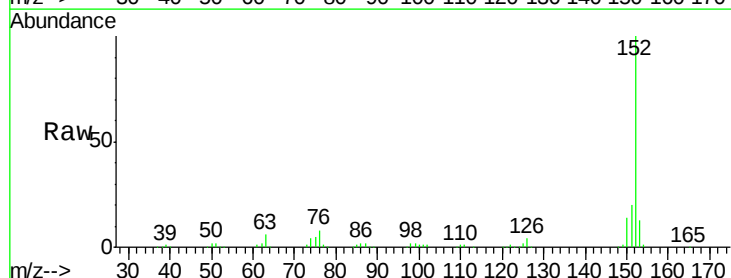
Tgt Ion: 152 Resp: 338560

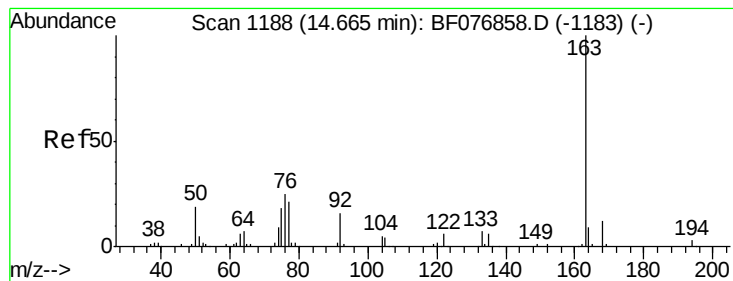
Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.6 10.2 15.4





#49

Dimethylphthalate

Concen: 44.79 ng

RT: 14.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

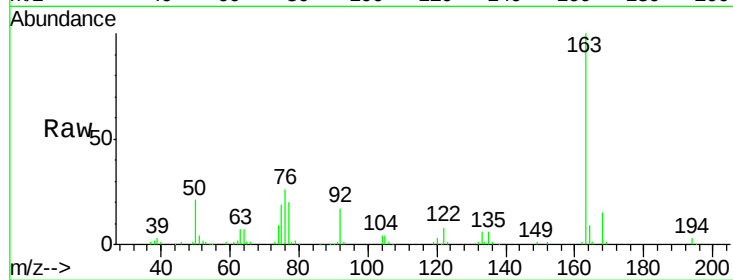
Tot Ion:163 Resp: 239654

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

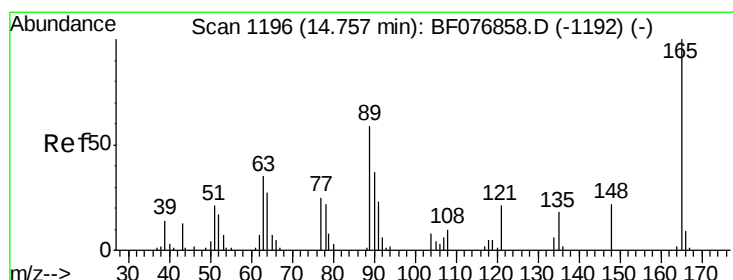
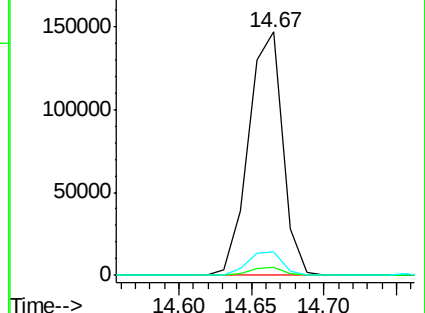
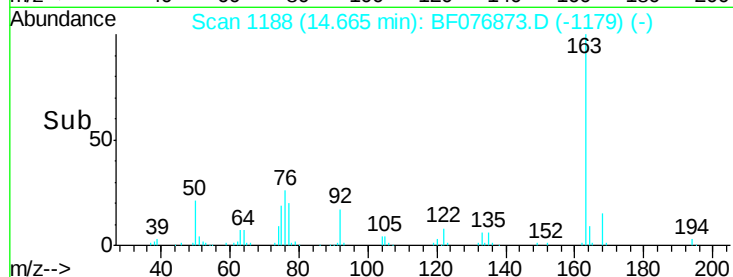
164 9.4 7.5 11.3



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: 46.87 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

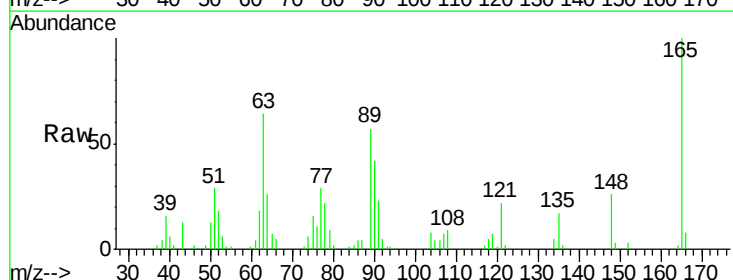
Tgt Ion:165 Resp: 50107

Ion Ratio Lower Upper

165 100

63 64.3 48.1 72.1

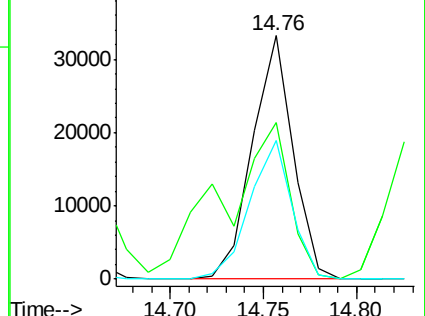
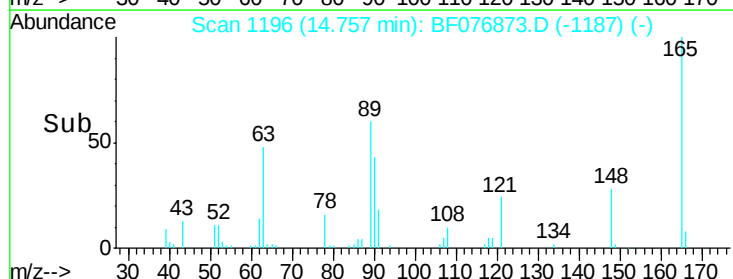
89 57.1 47.2 70.8

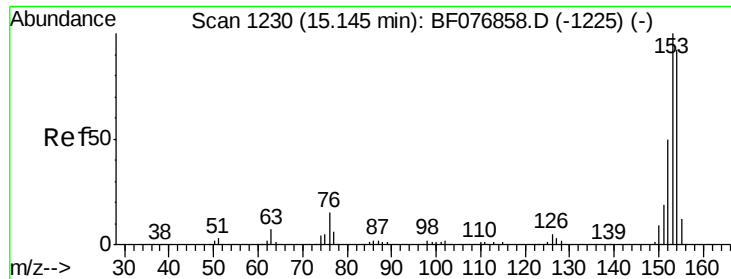


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.79 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

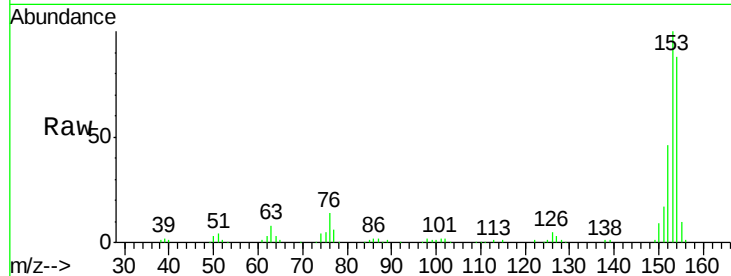
Tot Ion:154 Resp: 192893

Ion Ratio Lower Upper

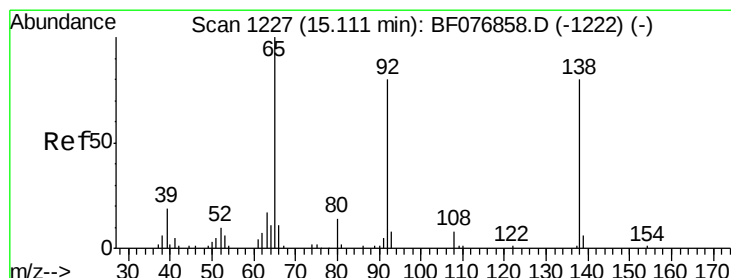
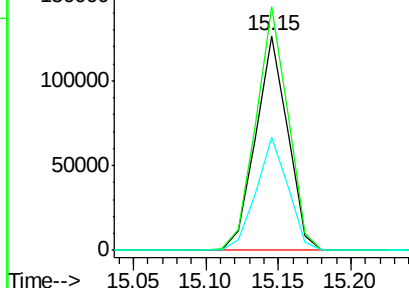
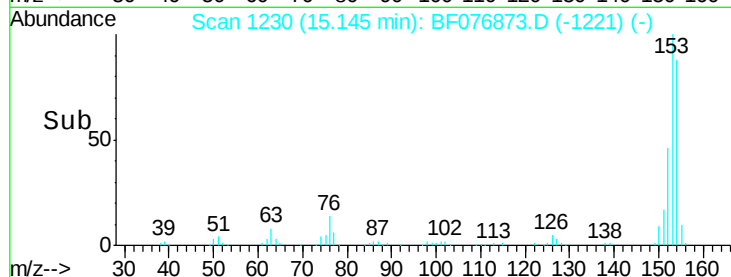
154 100

153 113.6 87.0 130.6

152 52.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.63 ng

RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

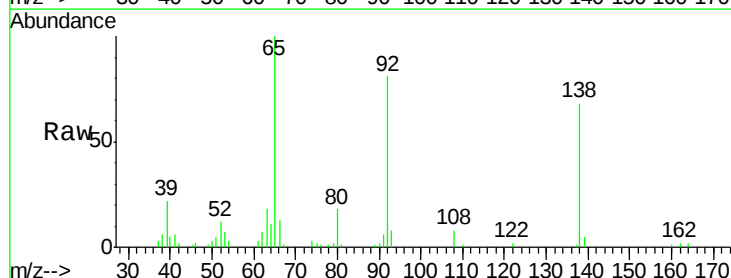
Tgt Ion:138 Resp: 54211

Ion Ratio Lower Upper

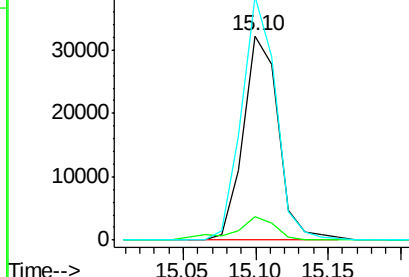
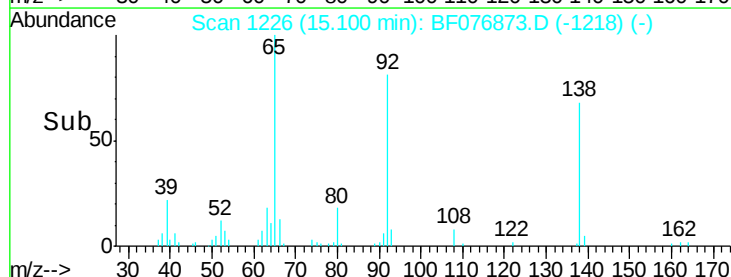
138 100

108 11.3 8.3 12.5

92 119.1 80.9 121.3



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

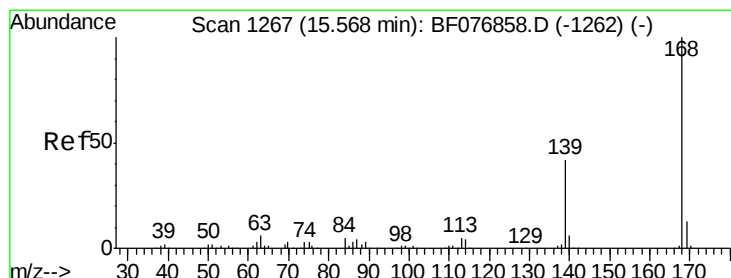
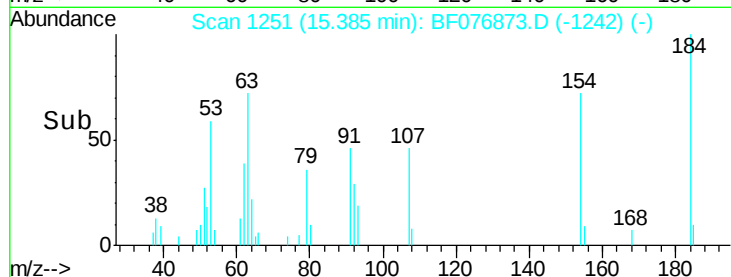
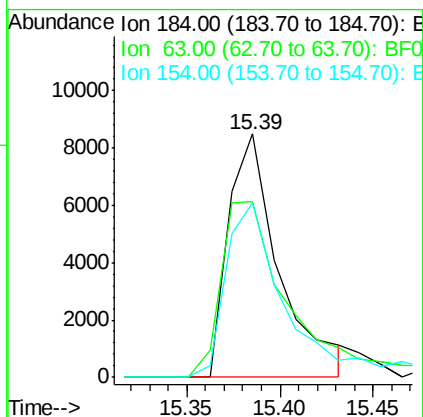
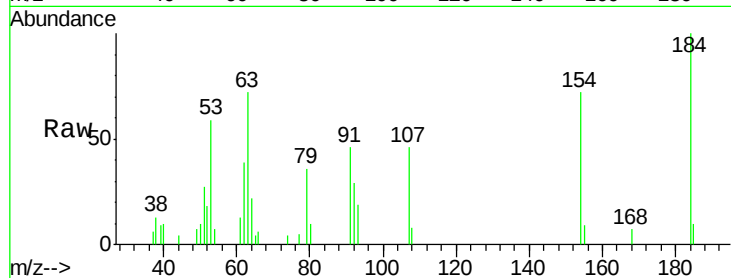




#53
2,4-Dinitrophenol
Concen: 34.76 ng
RT: 15.39 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

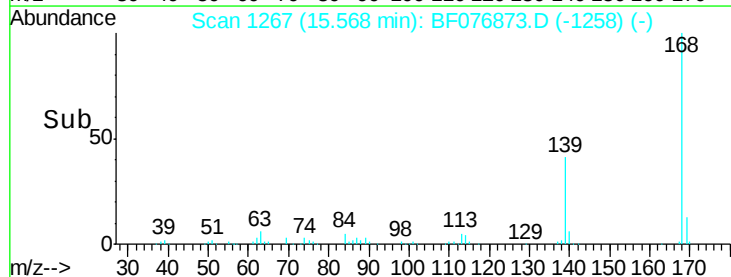
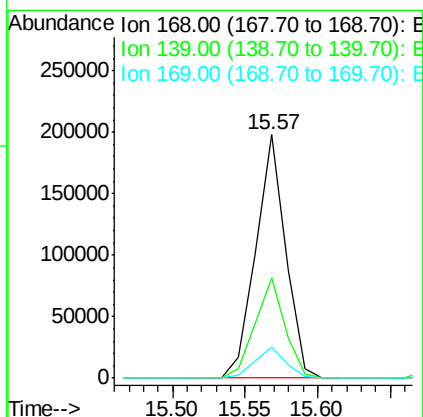
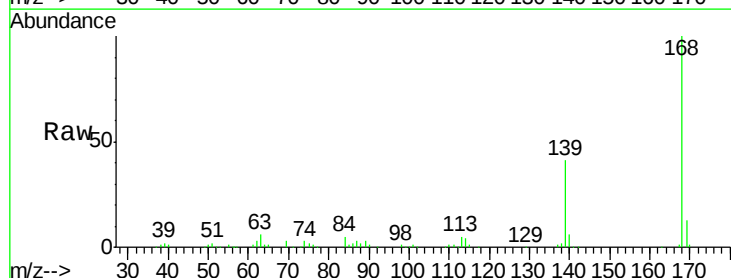
Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 16144
Ion Ratio Lower Upper
184 100
63 72.1 63.0 94.6
154 71.5 65.5 98.3



#54
Dibenzofuran
Concen: 44.05 ng
RT: 15.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:168 Resp: 282617
Ion Ratio Lower Upper
168 100
139 41.4 33.4 50.2
169 12.9 10.6 15.8

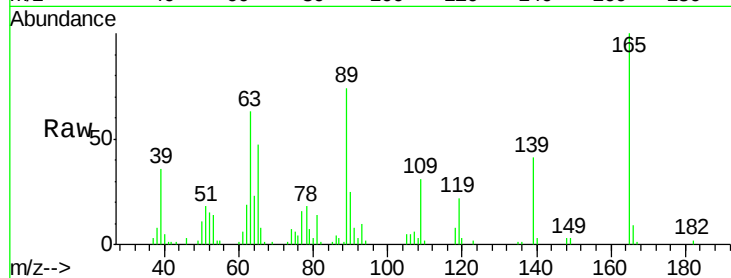




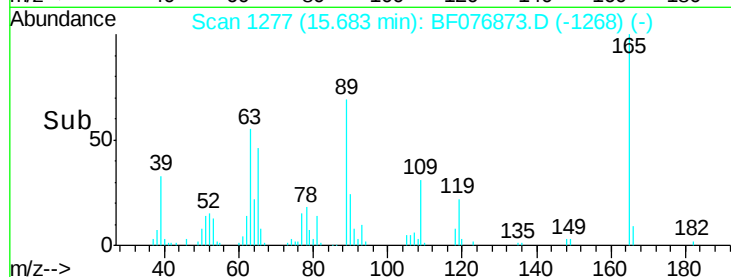
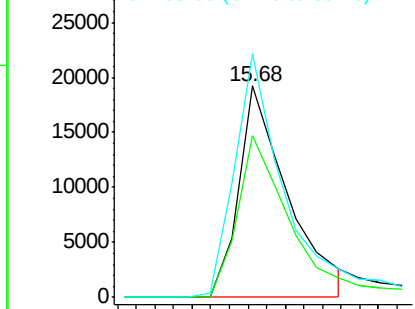
#55
4-Nitrophenol
Concen: 42.05 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 35268
Ion Ratio Lower Upper
139 100
109 76.4 61.0 101.0
65 115.2 96.6 136.6

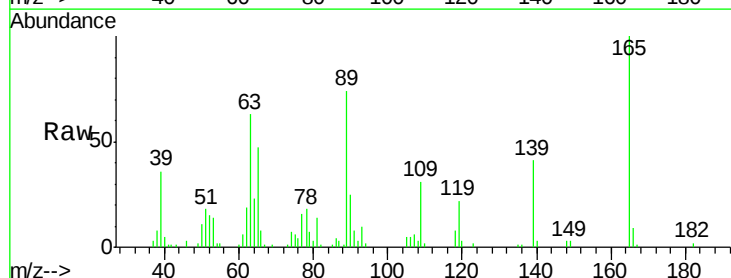


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

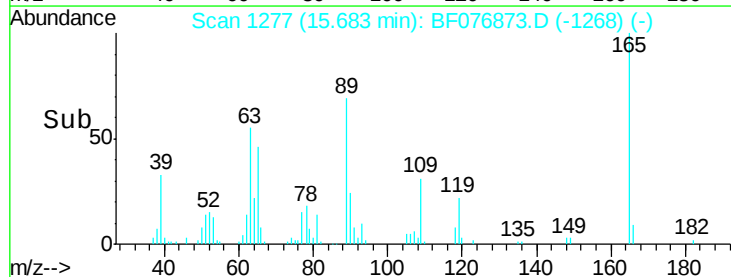
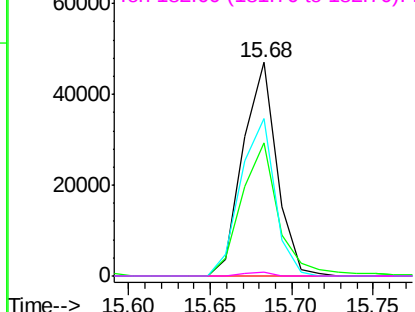


#56
2,4-Dinitrotoluene
Concen: 41.91 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:165 Resp: 67579
Ion Ratio Lower Upper
165 100
63 62.5 44.8 67.2
89 73.6 56.2 84.2
182 1.7 1.5 2.3



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

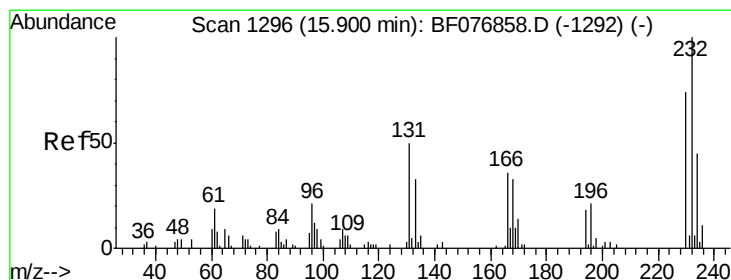
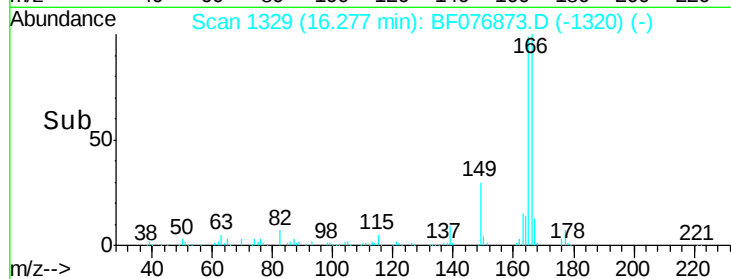
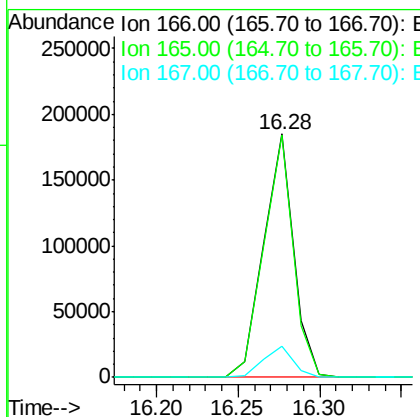
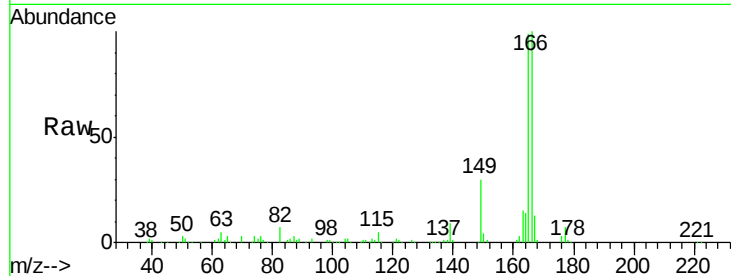




#57
 Fluorene
 Concen: 43.65 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

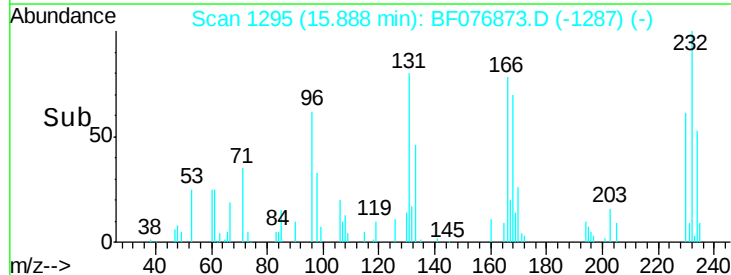
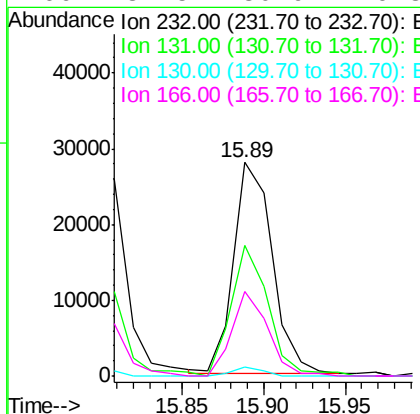
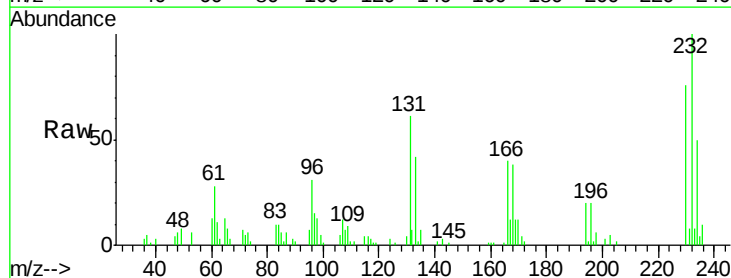
Instrument :
 BNA_F
 ClientSampleId :

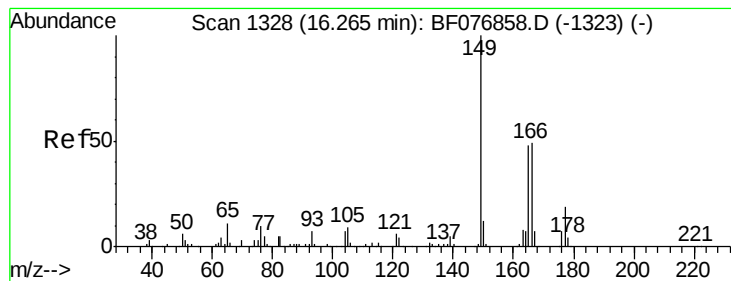
Tot Ion:166 Resp: 237285
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.5 117.7
 167 12.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.15 ng
 RT: 15.89 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:232 Resp: 45567
 Ion Ratio Lower Upper
 232 100
 131 54.3 45.0 67.6
 130 3.4 2.6 3.8
 166 37.5 30.9 46.3





#59

Diethylphthalate

Concen: 46.06 ng

RT: 16.27 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampled :

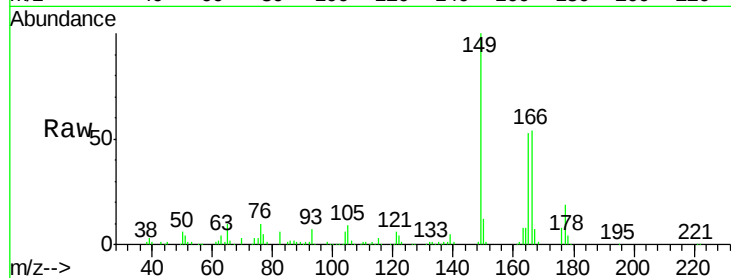
Tot Ion:149 Resp: 249062

Ion Ratio Lower Upper

149 100

177 19.5 15.0 22.6

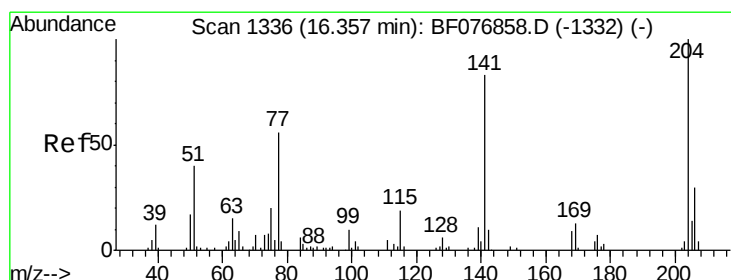
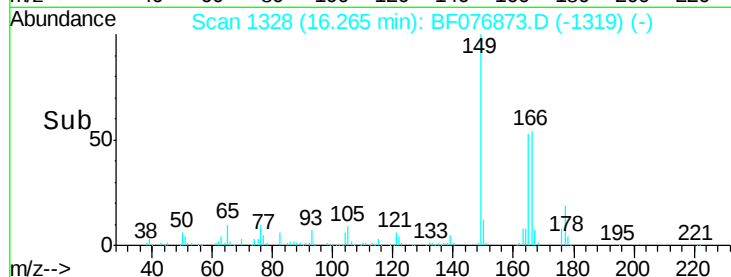
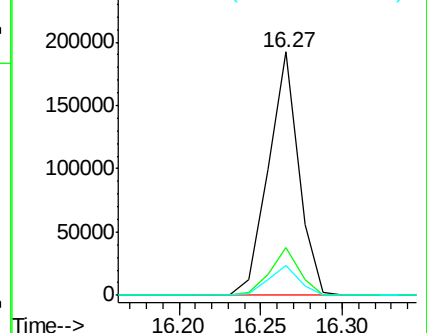
150 12.3 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.02 ng

RT: 16.36 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

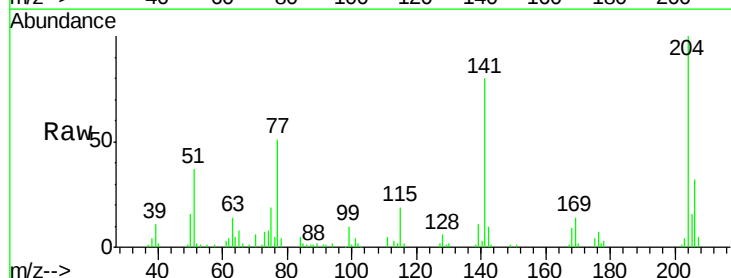
Tgt Ion:204 Resp: 100121

Ion Ratio Lower Upper

204 100

206 32.2 24.2 36.2

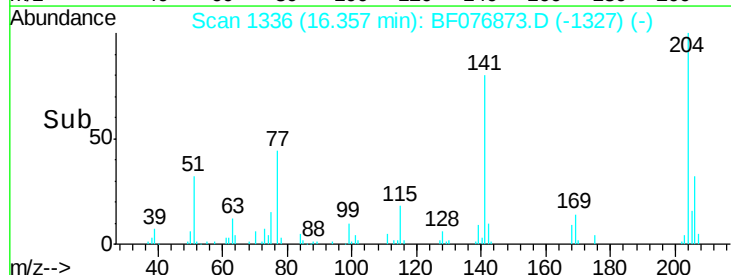
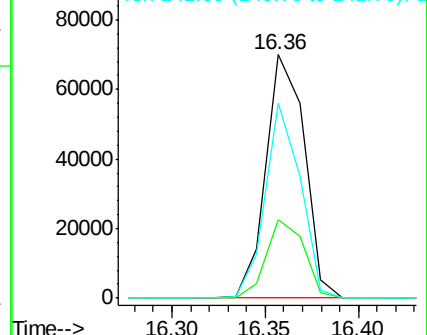
141 80.3 66.7 100.1



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

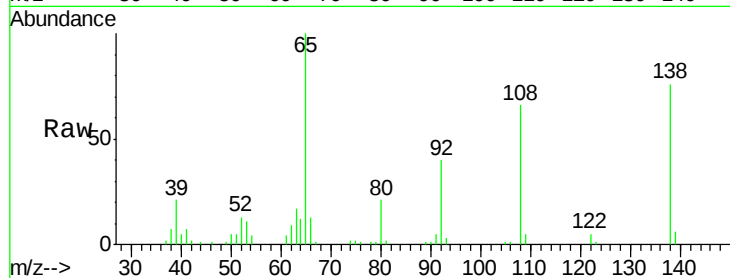




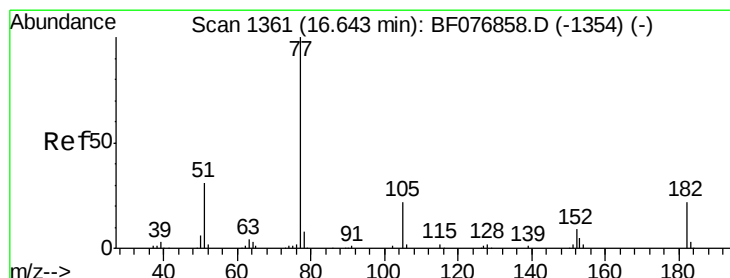
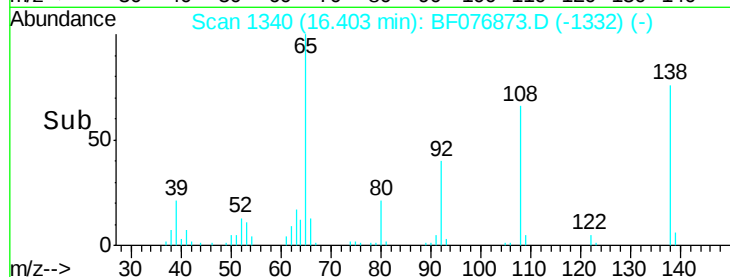
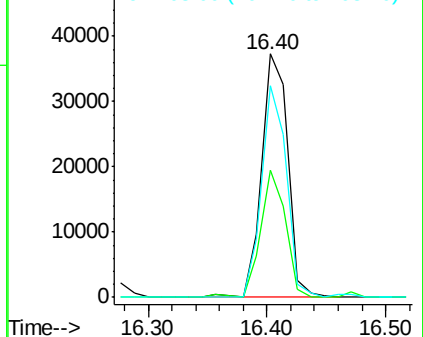
#61
4-Nitroaniline
Concen: 42.55 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 57570
Ion Ratio Lower Upper
138 100
92 52.4 26.7 66.7
108 87.0 64.5 104.5

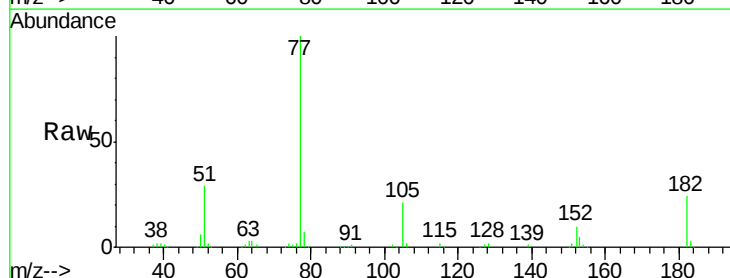


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

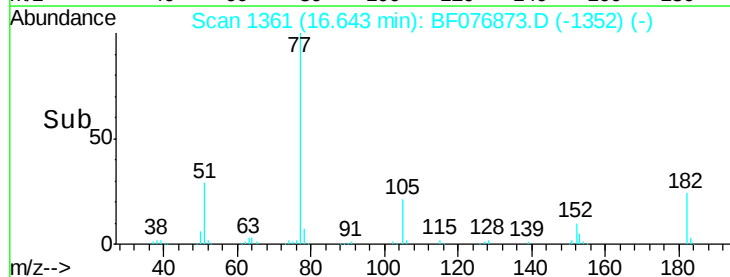
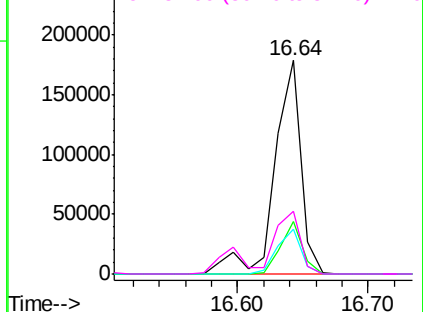


#62
Azobenzene
Concen: 45.23 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion: 77 Resp: 254834
Ion Ratio Lower Upper
77 100
182 24.5 2.0 42.0
105 21.2 2.3 42.3
51 29.1 10.7 50.7



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

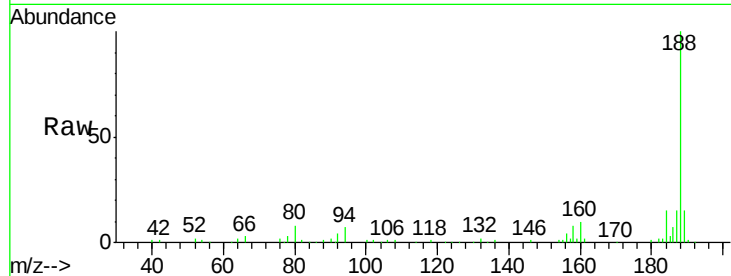




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :

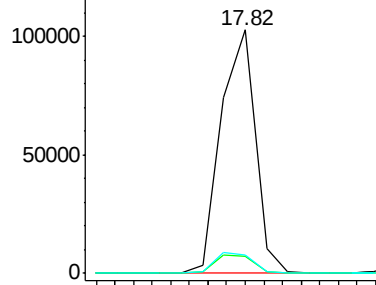
Tot Ion	188	Resp	131125
Ion Ratio	100	Lower	Upper
94	7.0	6.0	9.0
80	7.5	6.9	10.3



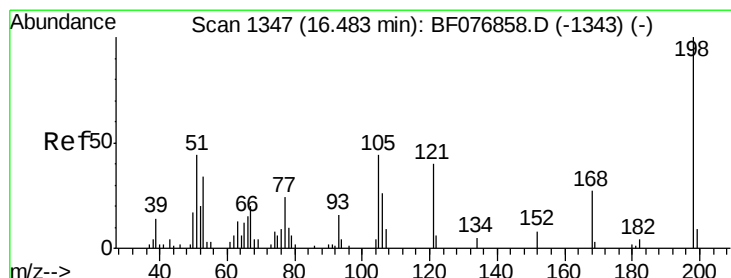
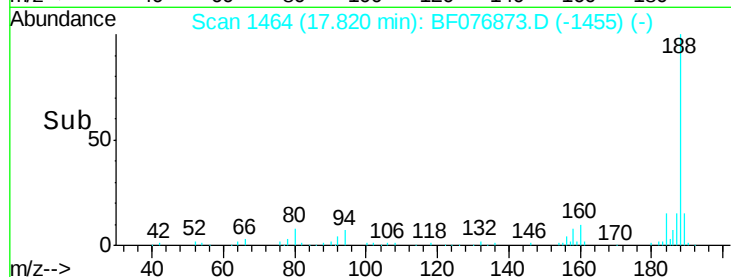
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

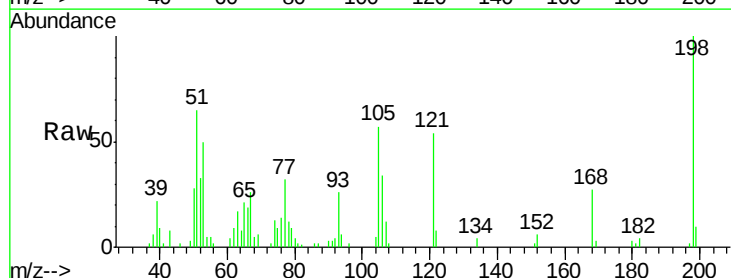


Time-->



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.83 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

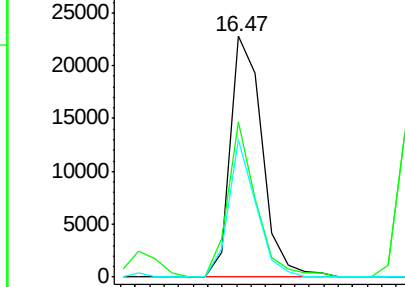
Tgt Ion	198	Resp	34748
Ion Ratio	100	Lower	Upper
51	64.6	24.2	64.2#
105	57.2	24.0	64.0



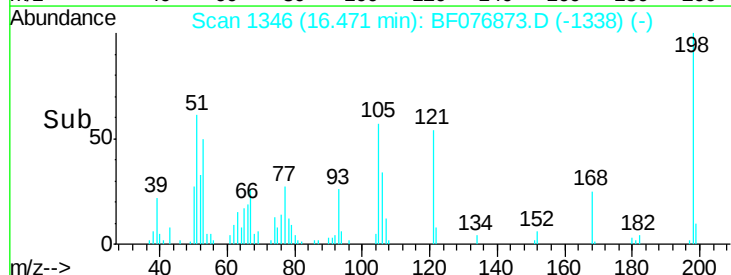
Abundance Ion 198.00 (197.70 to 198.70): E

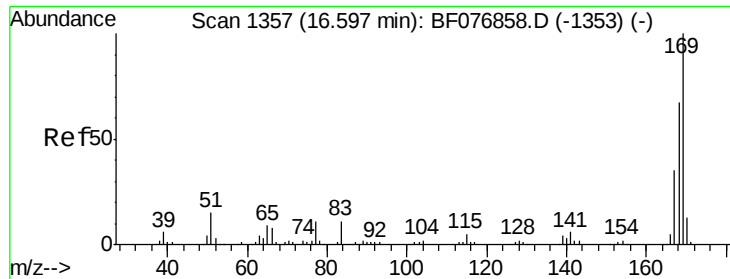
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

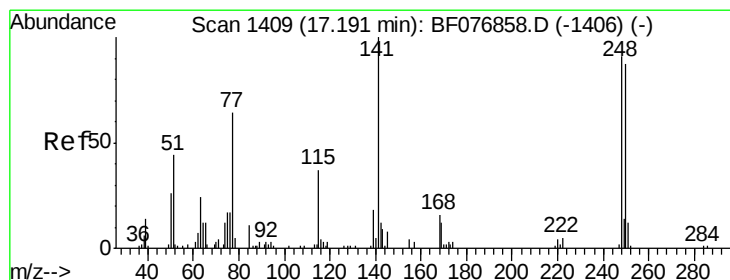
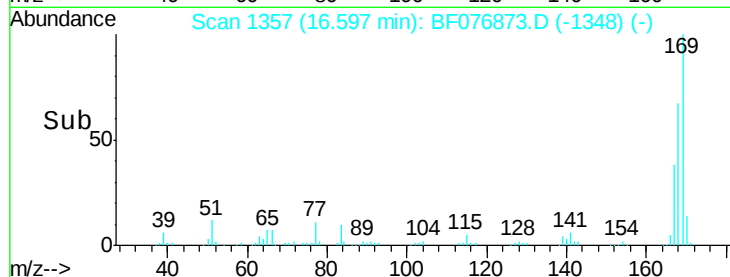
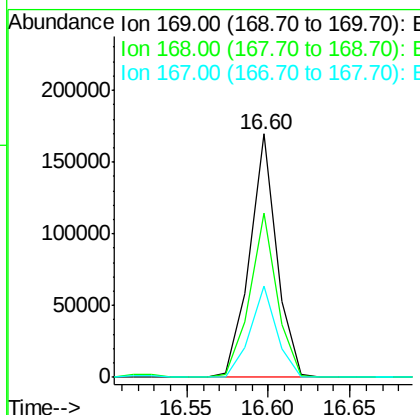
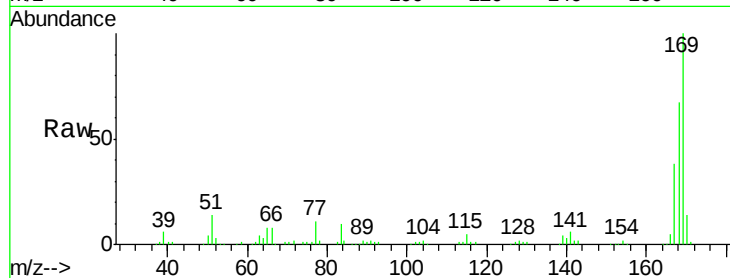




#65
 n-Nitrosodiphenylamine
 Concen: 42.05 ng
 RT: 16.60 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

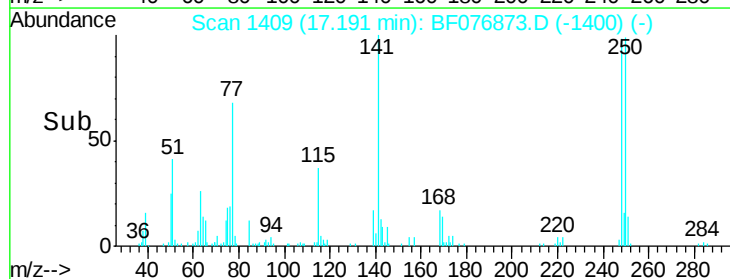
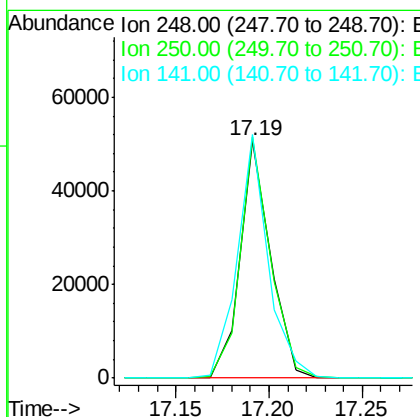
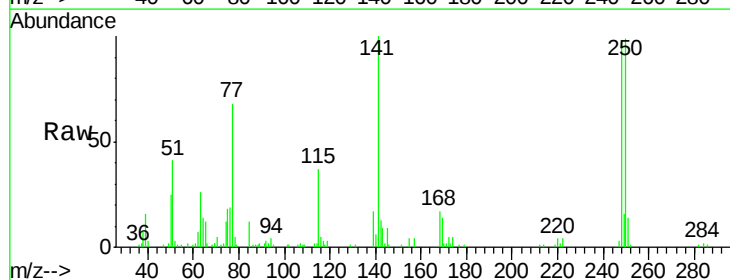
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 196594
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.8 80.6
 167 37.6 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.24 ng
 RT: 17.19 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:248 Resp: 57446
 Ion Ratio Lower Upper
 248 100
 250 101.4 77.1 115.7
 141 102.5 88.2 132.4

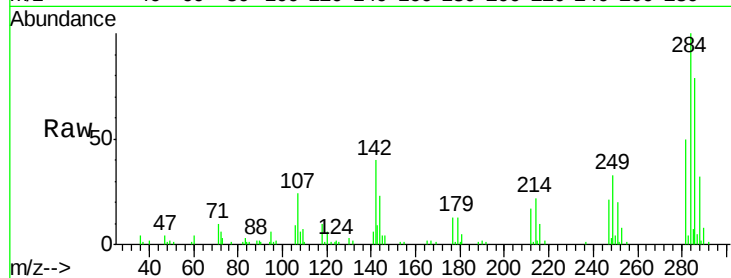




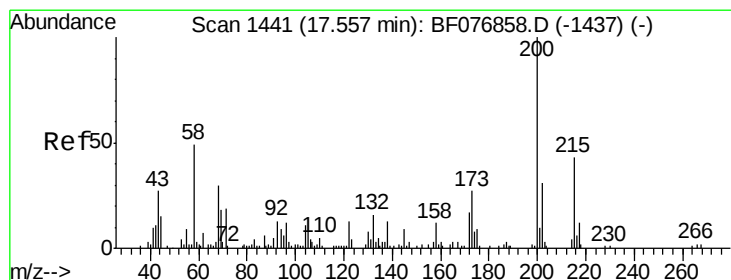
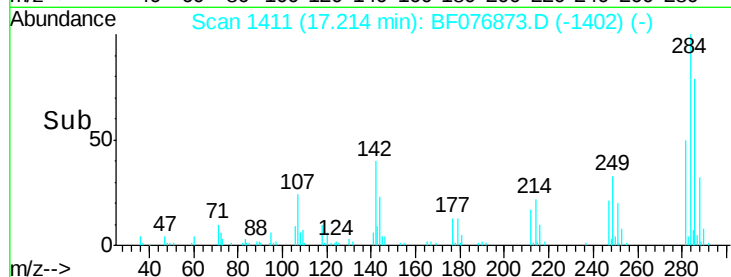
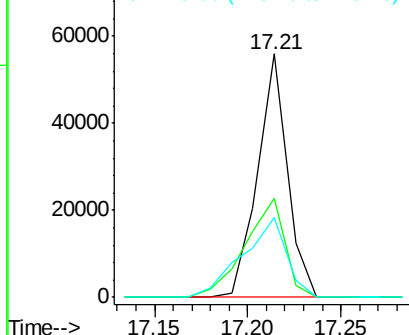
#67
Hexachlorobenzene
Concen: 44.10 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 61737
Ion Ratio Lower Upper
284 100
142 40.4 38.2 57.4
249 32.5 28.2 42.2

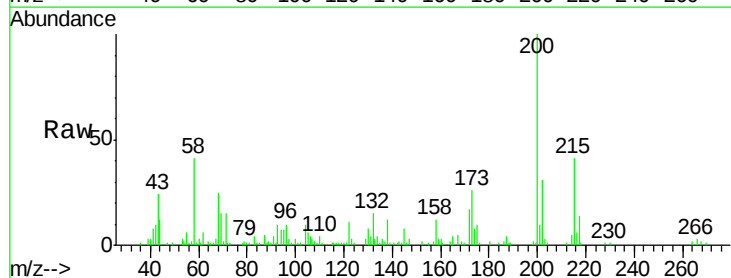


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

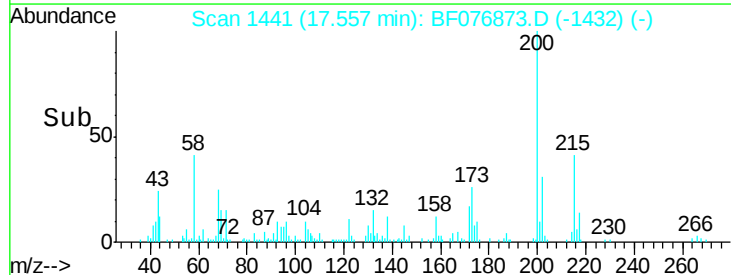
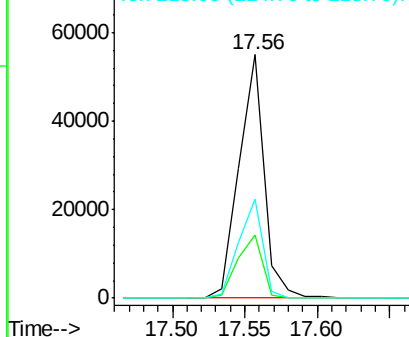


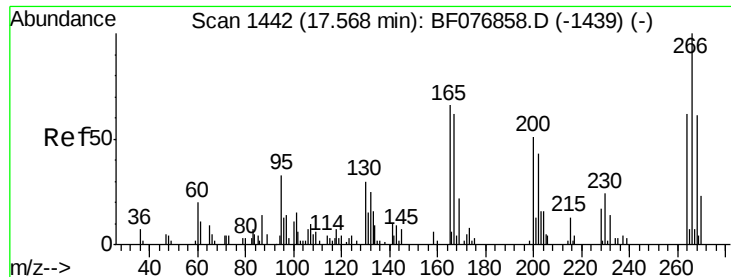
#68
Atrazine
Concen: 46.66 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:200 Resp: 66199
Ion Ratio Lower Upper
200 100
173 25.8 6.6 46.6
215 40.9 22.9 62.9



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

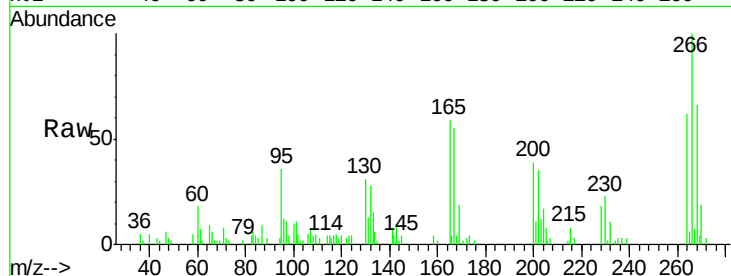




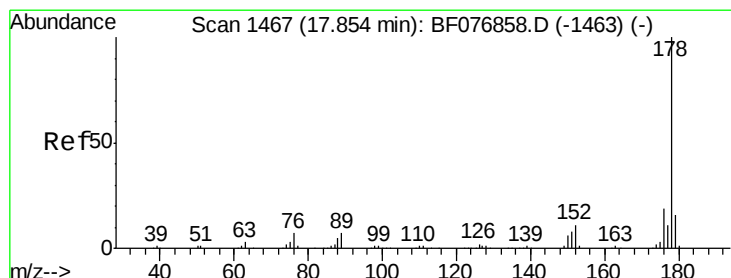
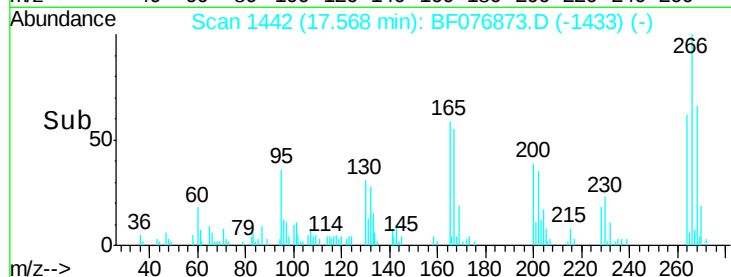
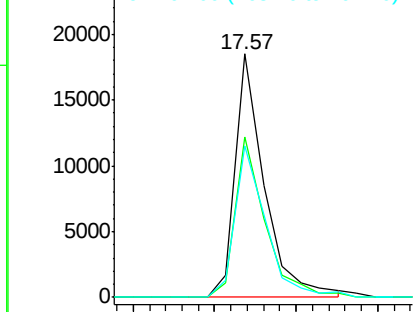
#69
 Pentachlorophenol
 Concen: 37.27 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 22958
 Ion Ratio Lower Upper
 266 100
 268 65.7 48.6 72.8
 264 62.1 49.5 74.3

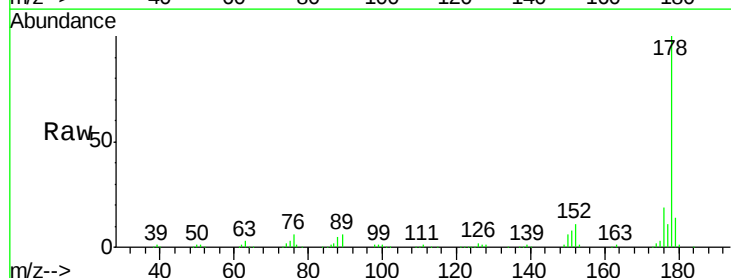


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

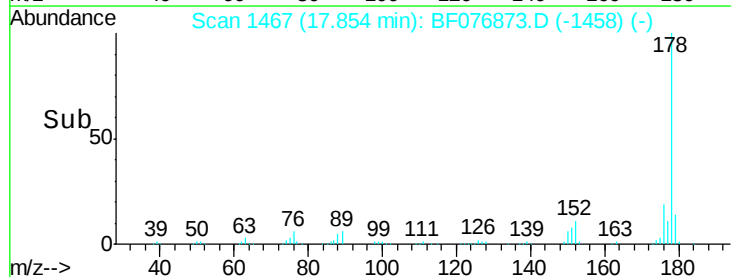
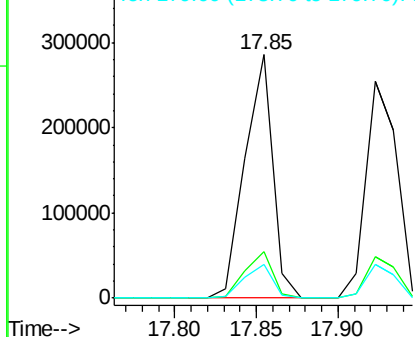


#70
 Phenanthrene
 Concen: 41.23 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:178 Resp: 337160
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 14.1 12.7 19.1



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

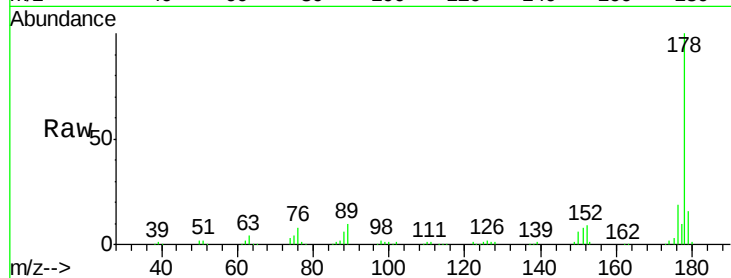




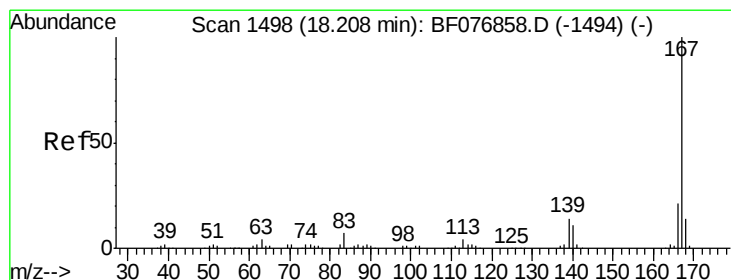
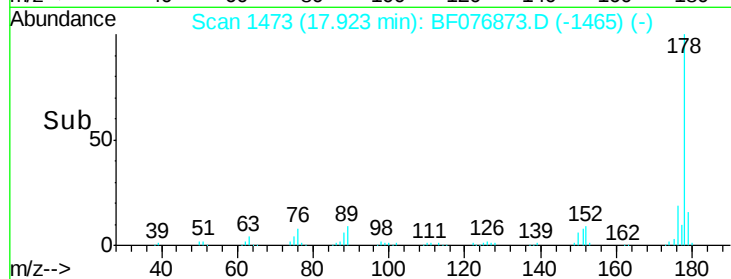
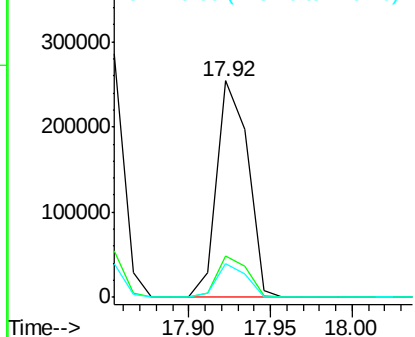
#71
 Anthracene
 Concen: 42.05 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 335310
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.6 11.9 17.9

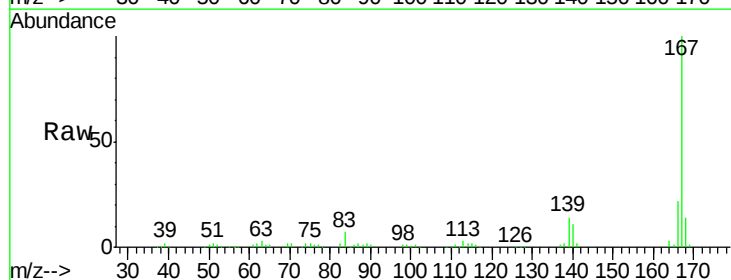


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

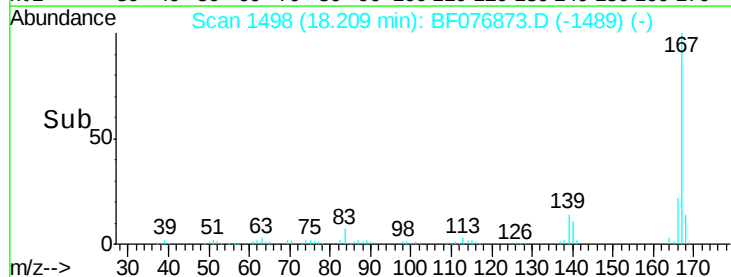
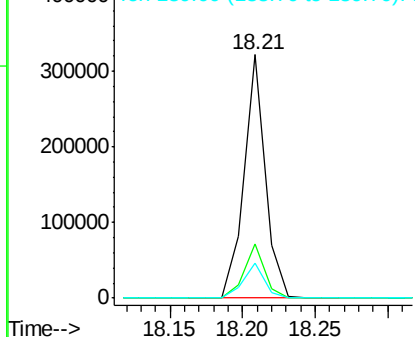


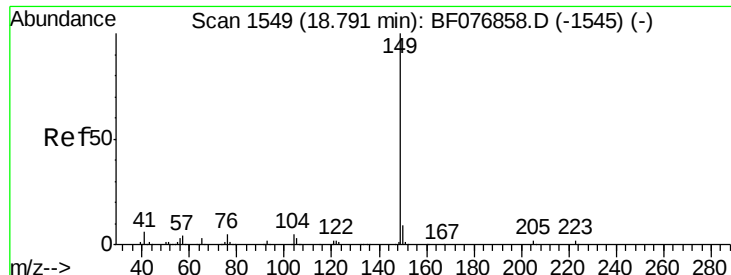
#72
 Carbazole
 Concen: 42.44 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:167 Resp: 328242
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 14.4 11.3 16.9



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: 46.33 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

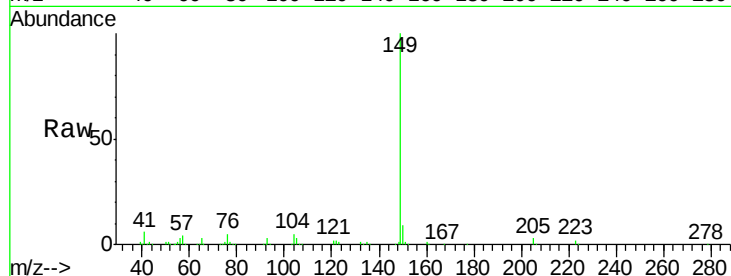
Tot Ion:149 Resp: 414731

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

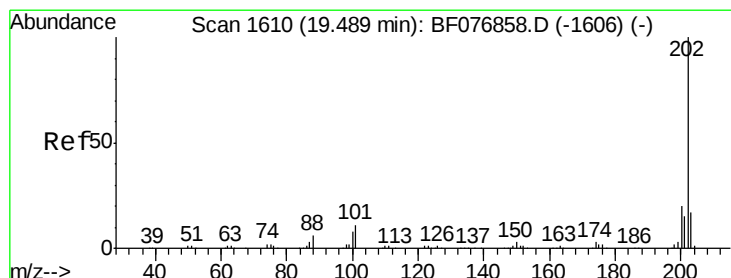
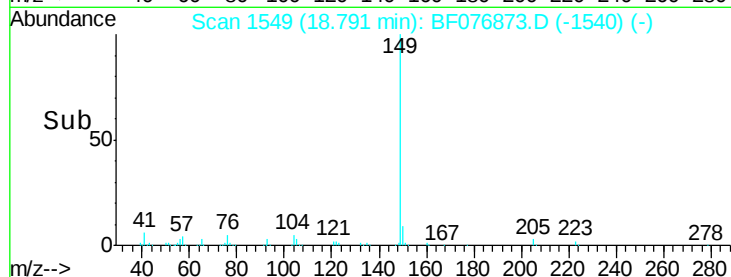
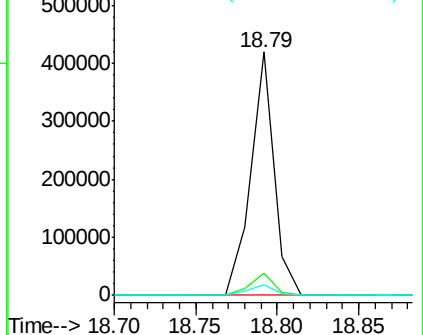
104 4.6 3.7 5.5



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: 42.72 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

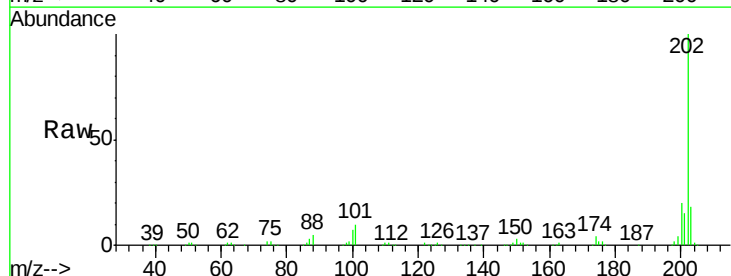
Tgt Ion:202 Resp: 357951

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.7

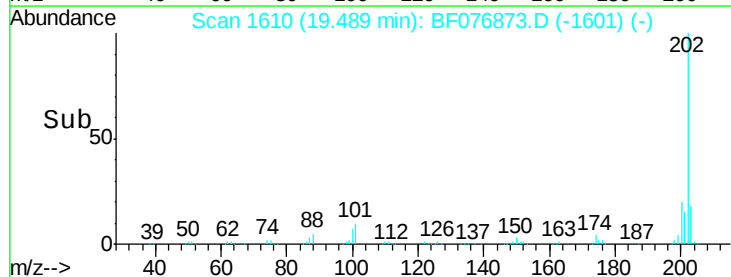
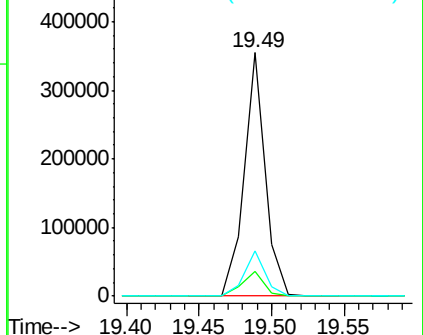
203 18.5 0.0 36.9



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. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

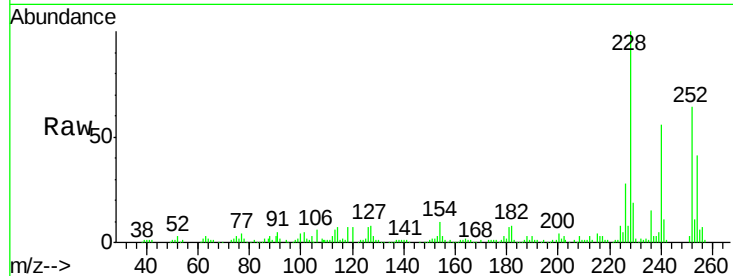
Tot Ion:240 Resp: 123536

Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

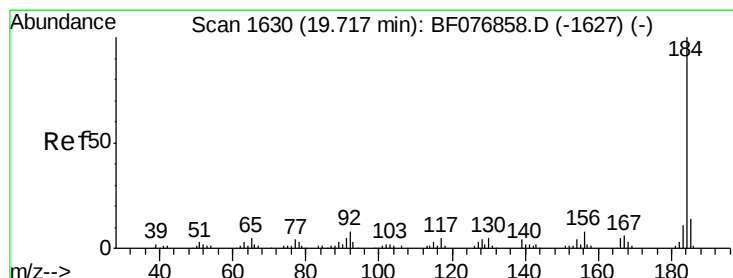
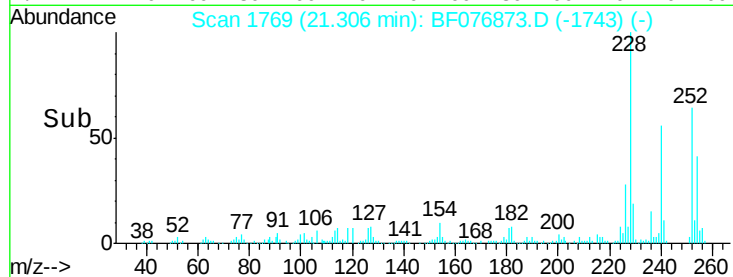
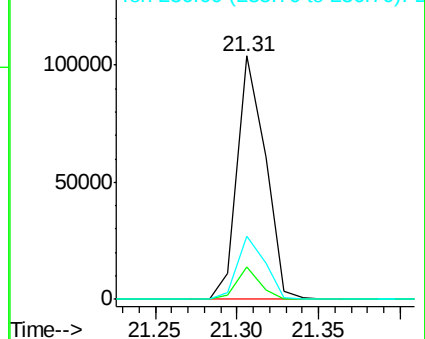
236 25.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.24 ng

RT: 19.72 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

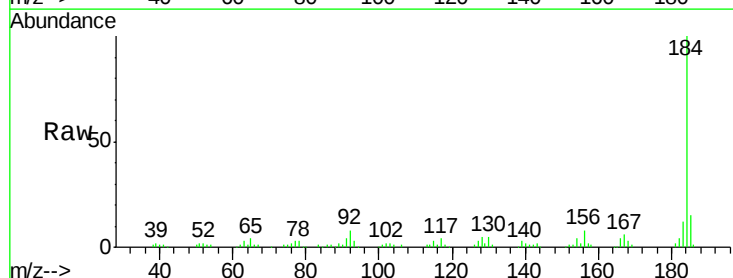
Tgt Ion:184 Resp: 159057

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

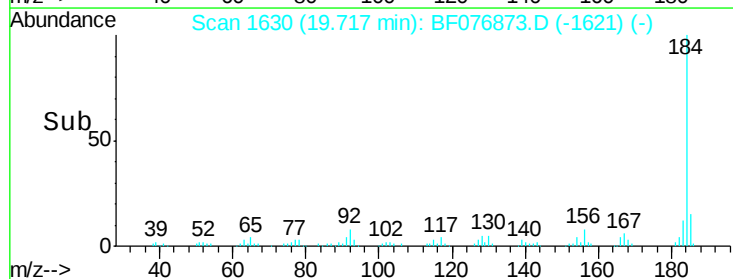
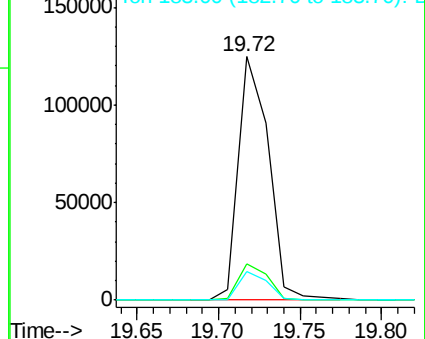
183 11.6 9.0 13.6

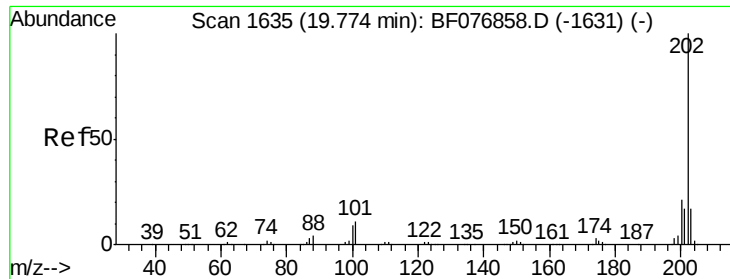


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

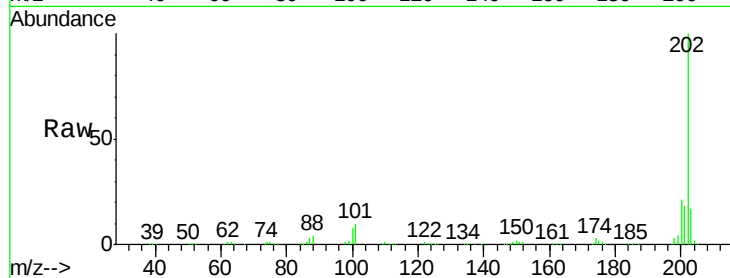




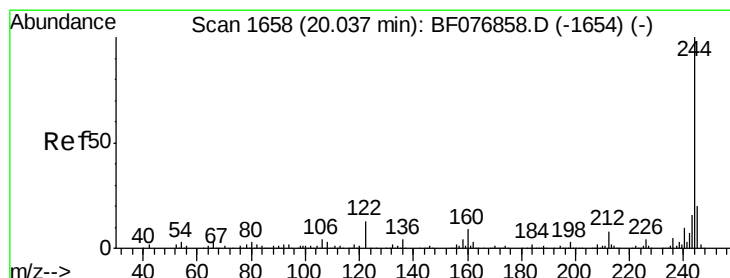
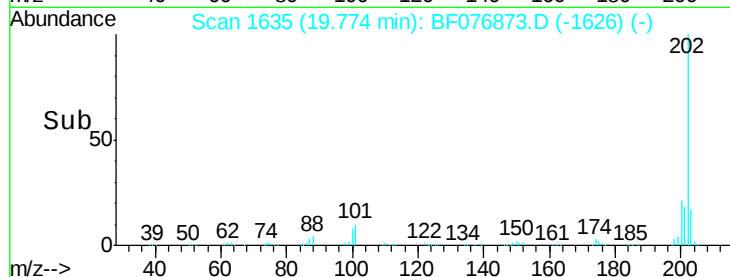
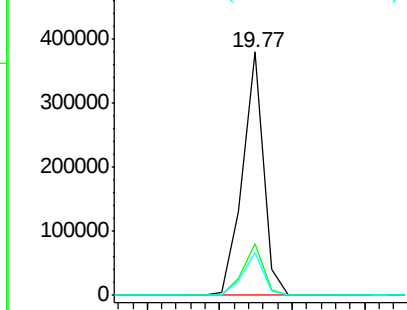
#77
 Pvrene
 Concen: 45.07 ng
 RT: 19.77 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	14.0	21.0

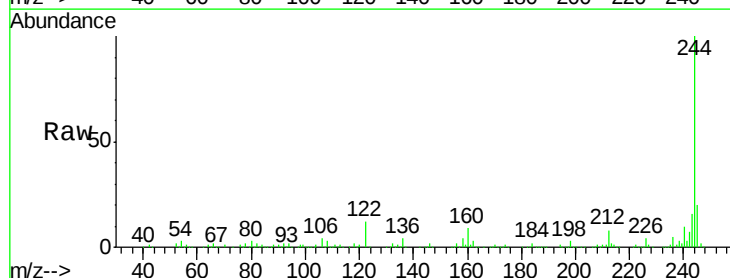


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

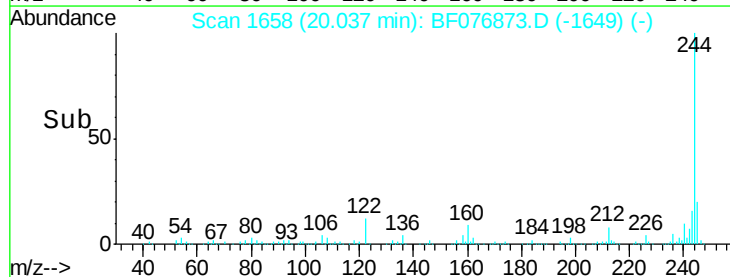
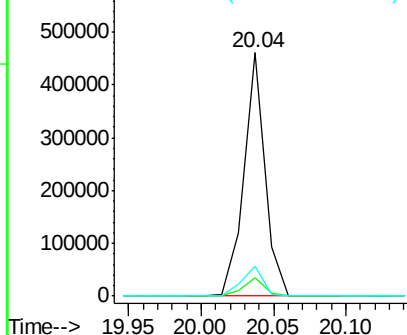


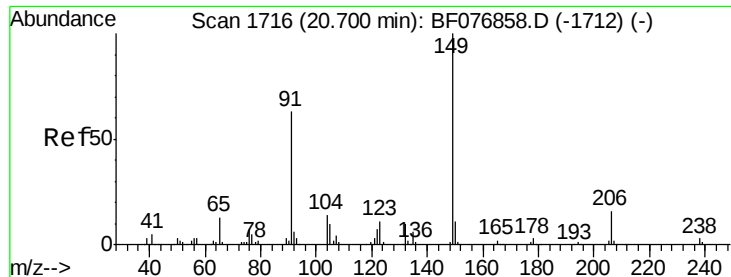
#78
 Terphenyl-d14
 Concen: 86.72 ng
 RT: 20.04 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	12.1	10.1	15.1



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

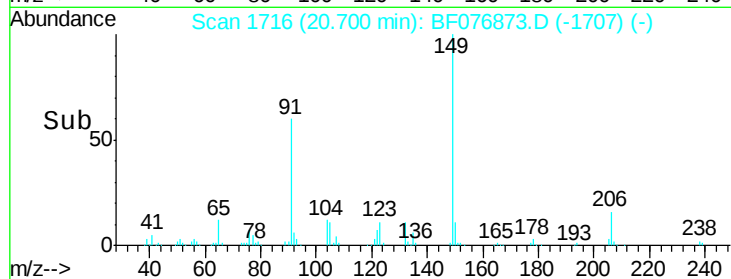
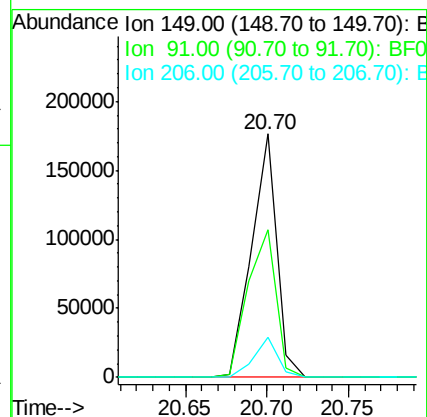
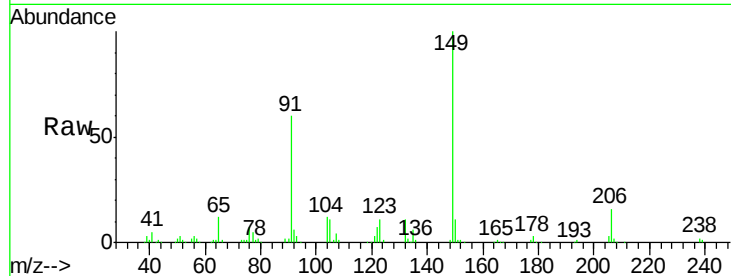




#79
Butylbenzylphthalate
Concen: 49.21 ng
RT: 20.70 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

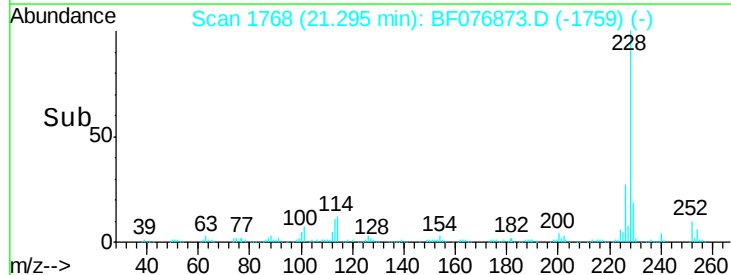
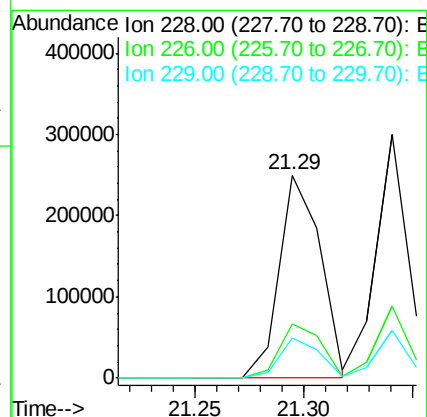
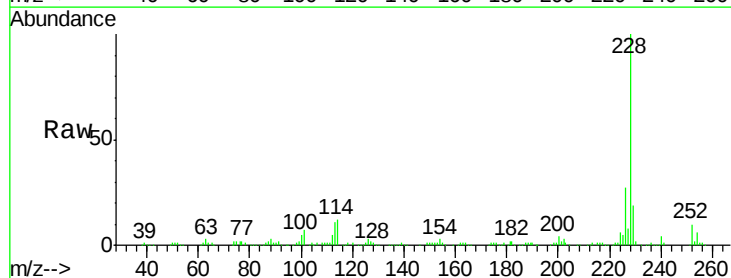
Instrument :
BNA_F
ClientSampled :

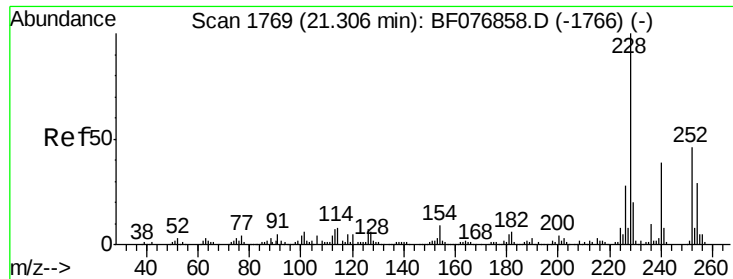
Tot Ion:149 Resp: 188681
Ion Ratio Lower Upper
149 100
91 60.4 50.6 76.0
206 16.3 12.8 19.2



#80
Benzo(a)anthracene
Concen: 42.88 ng
RT: 21.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:228 Resp: 332366
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.5 15.5 23.3

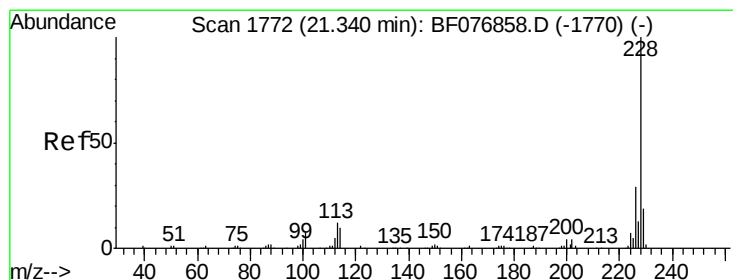
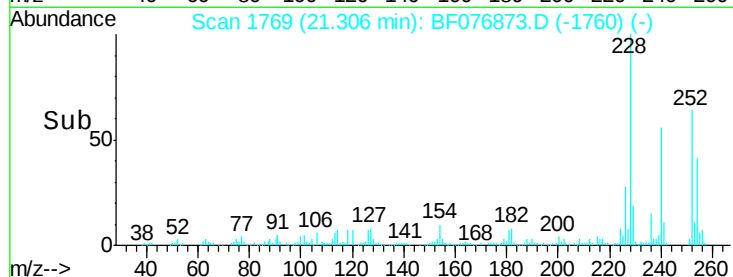
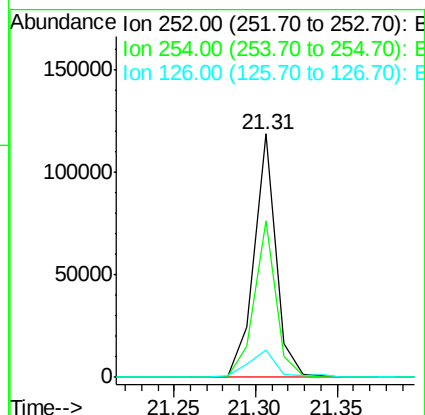
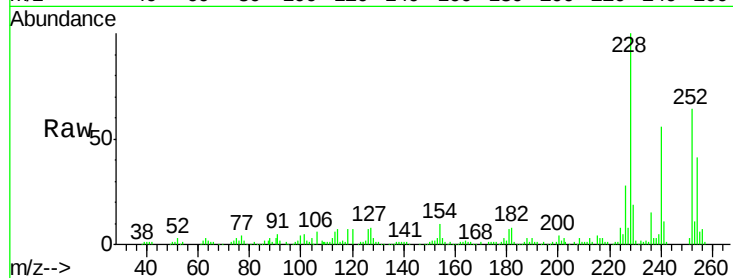




#81
 3,3'-Dichlorobenzidine
 Concen: 45.12 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

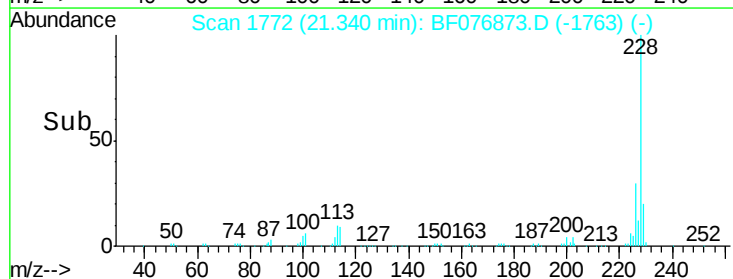
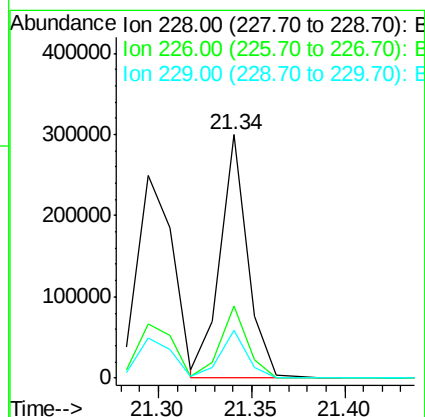
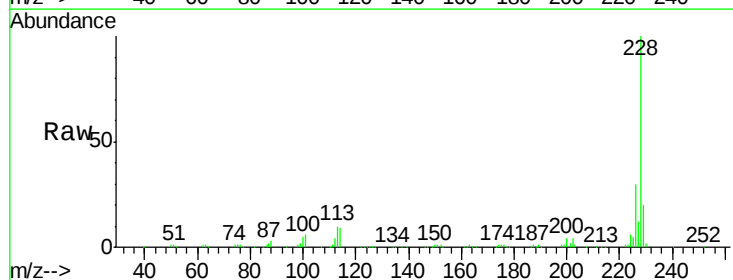
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 111144
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.2 75.4
 126 11.4 11.5 17.3#



#82
 Chrysene
 Concen: 43.49 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion:228 Resp: 307363
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.0
 229 19.8 15.4 23.0

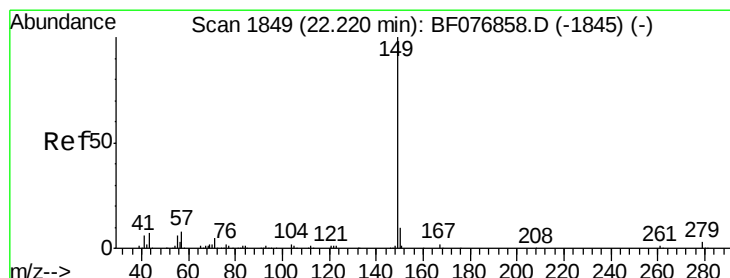
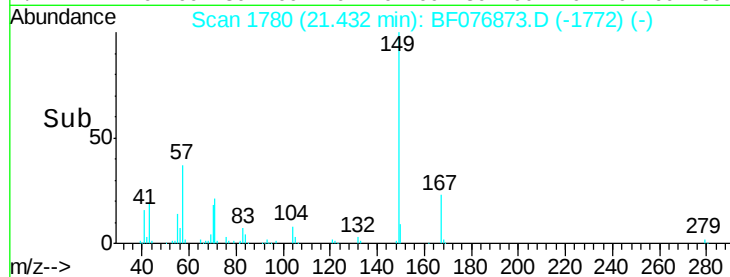
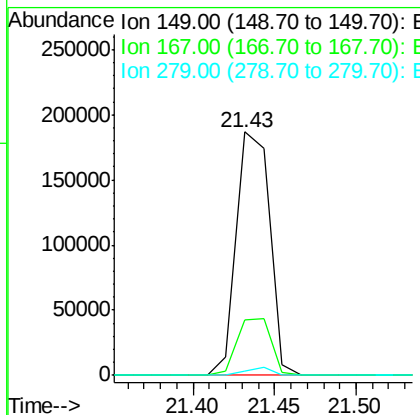
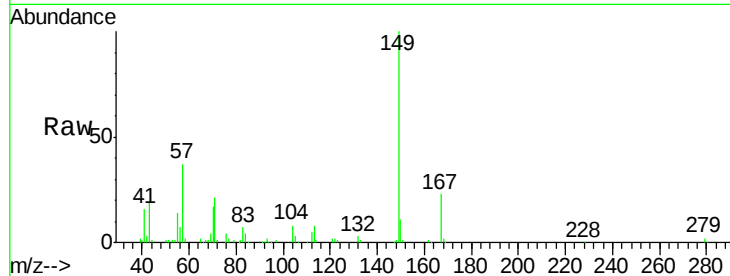




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.55 ng
 RT: 21.43 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

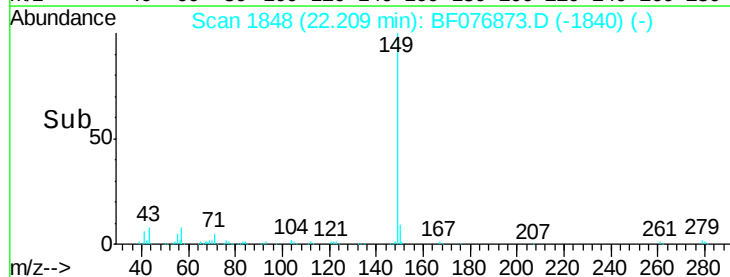
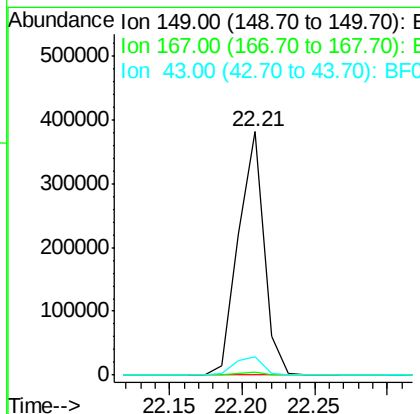
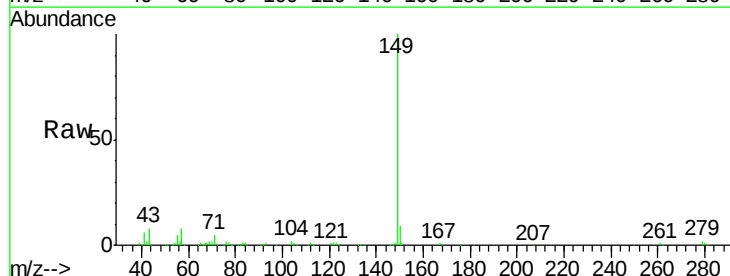
Instrument :
 BNA_F
 ClientSampleId :

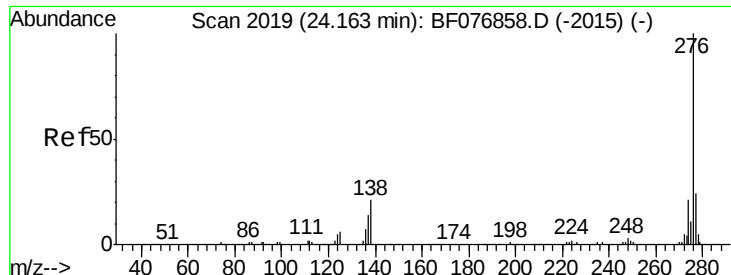
Tot Ion	Ratio	Lower	Upper
149	100		
167	22.6	20.6	30.8
279	1.8	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 50.63 ng
 RT: 22.21 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF076873.D
 Acq: 14 Jan 2015 22:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	8.6	6.6	10.0

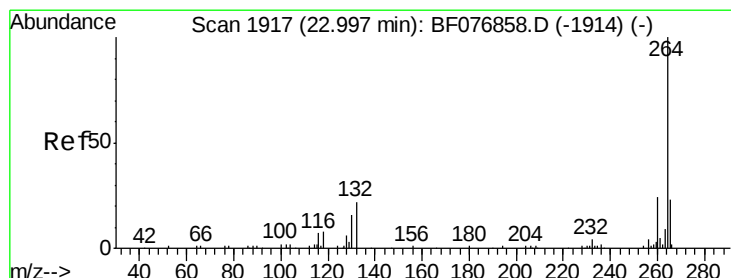
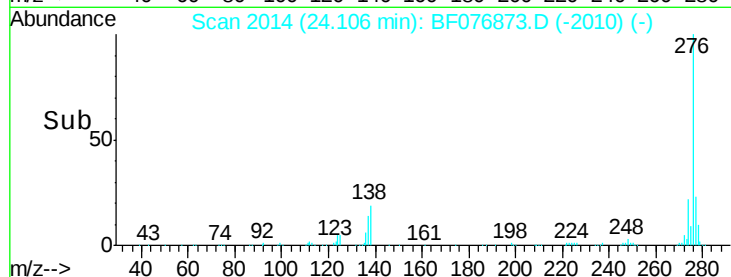
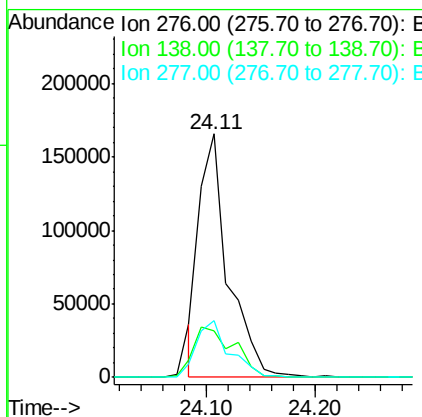
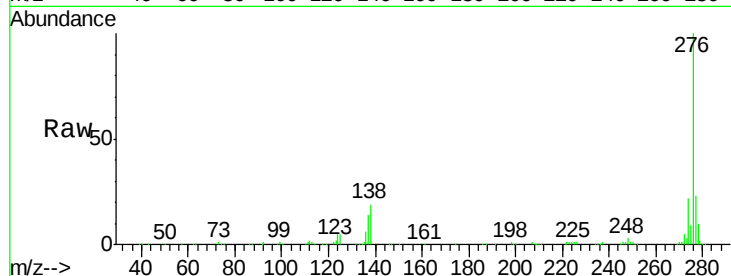




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.51 ng
RT: 24.11 min Scan# 2014
Delta R.T. -0.06 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

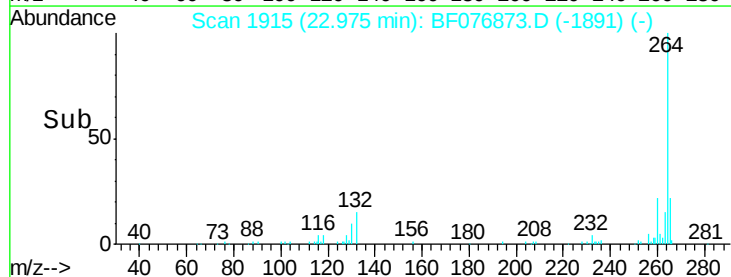
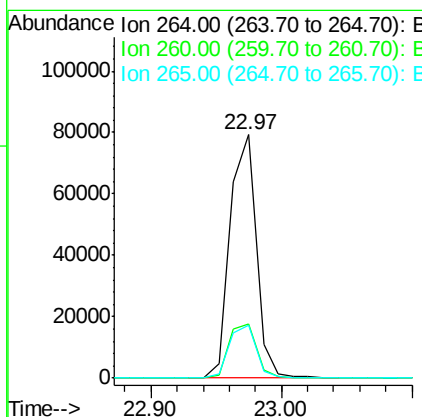
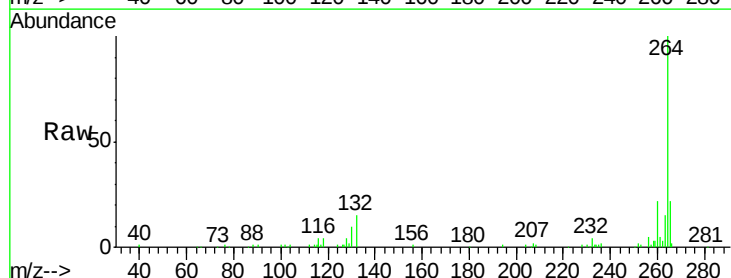
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 303457
Ion Ratio Lower Upper
276 100
138 27.0 14.6 22.0#
277 25.2 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.02 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:264 Resp: 110964
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.6 18.1 27.1

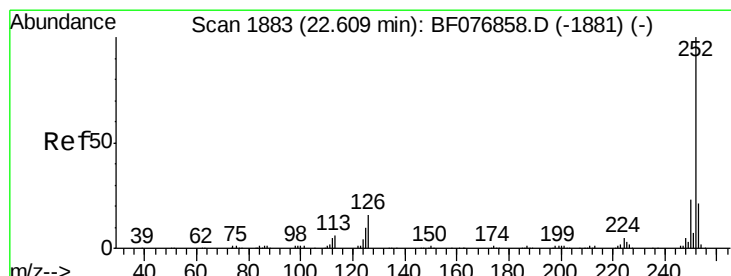
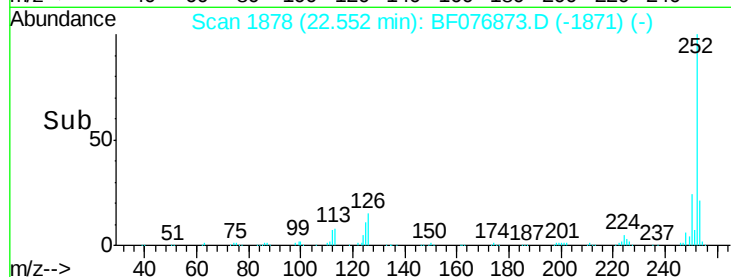
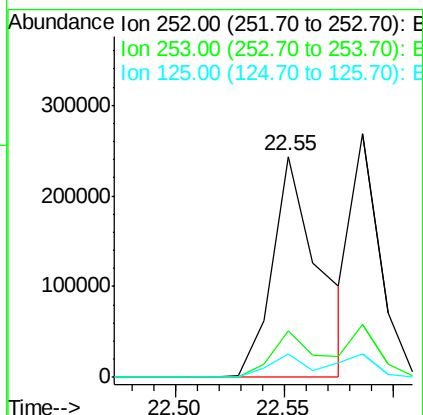
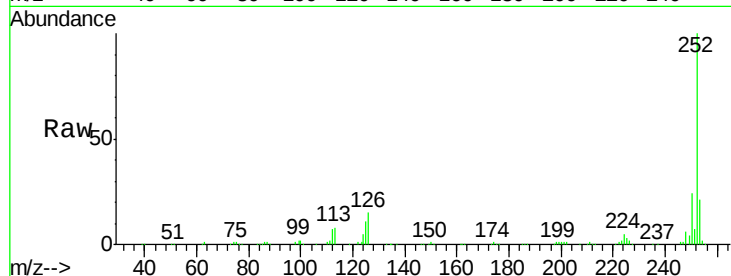




#87
Benzo(b)fluoranthene
Concen: 49.10 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

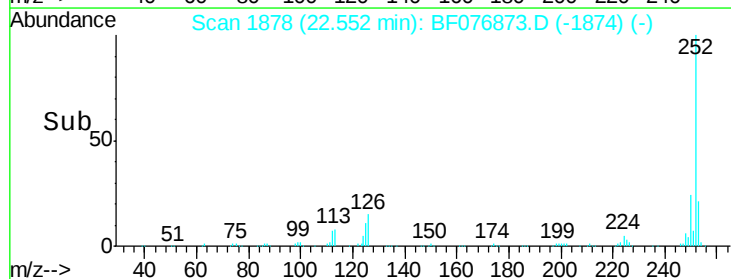
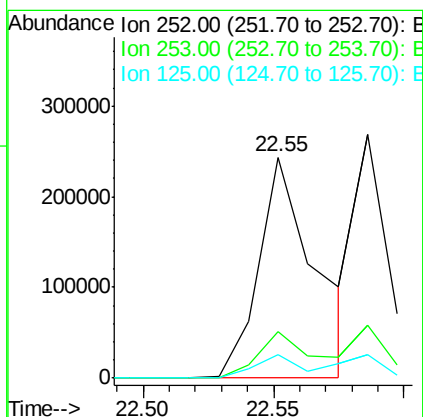
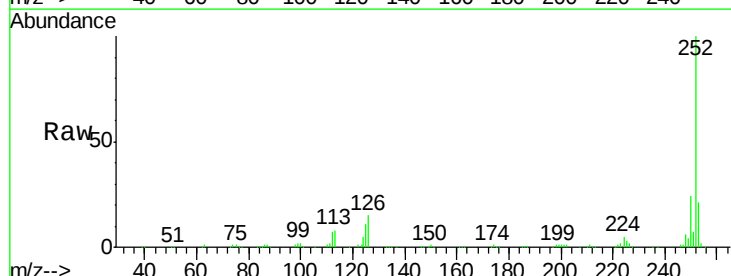
Instrument :
BNA_F
ClientSampleId :

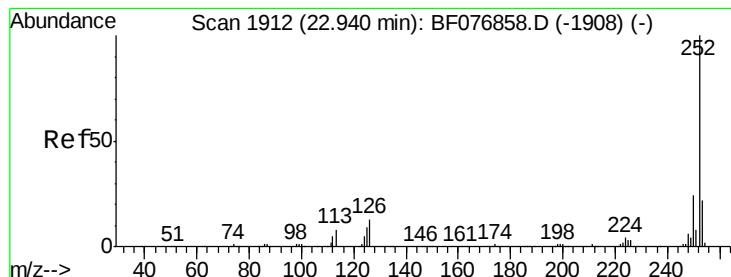
Tot Ion:252 Resp: 366951
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 10.7 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 56.20 ng
RT: 22.55 min Scan# 1878
Delta R.T. -0.06 min
Lab File: BF076873.D
Acq: 14 Jan 2015 22:54

Tgt Ion:252 Resp: 366933
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.7 7.1 10.7





#89

Benzo(a)pyrene

Concen: 42.69 ng

RT: 22.91 min Scan# 1909

Delta R.T. -0.03 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

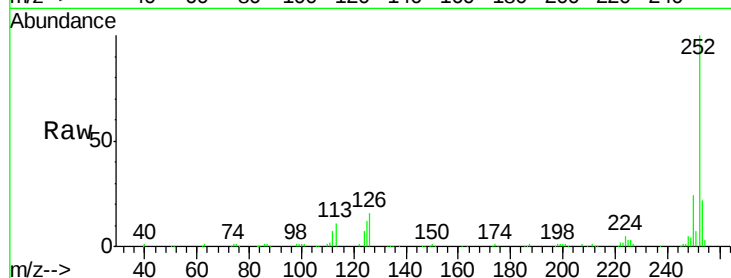
Tot Ion:252 Resp: 281398

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

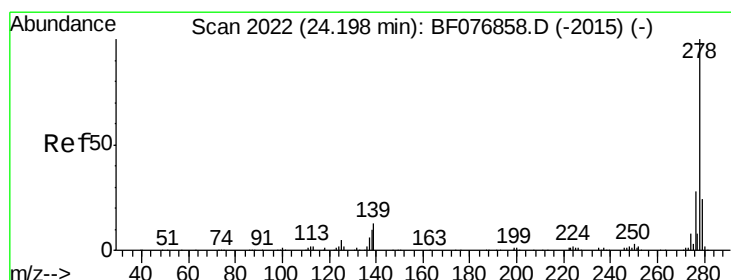
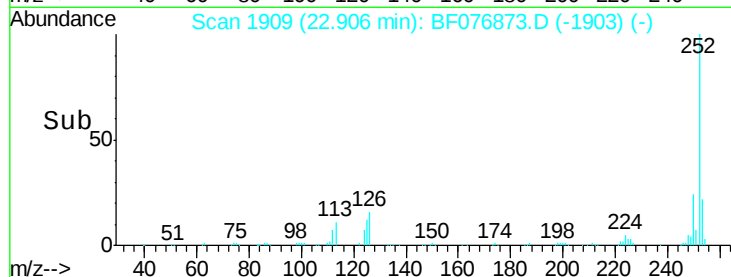
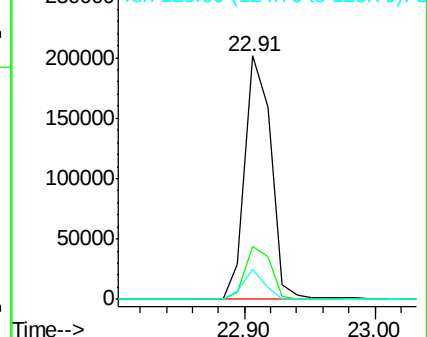
125 12.0 7.2 10.8#



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: 44.24 ng

RT: 24.13 min Scan# 2016

Delta R.T. -0.07 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

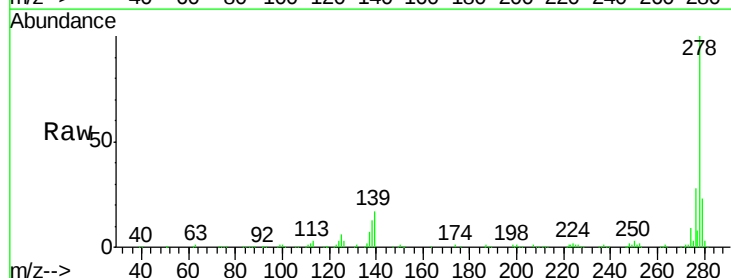
Tgt Ion:278 Resp: 267580

Ion Ratio Lower Upper

278 100

139 16.6 10.5 15.7#

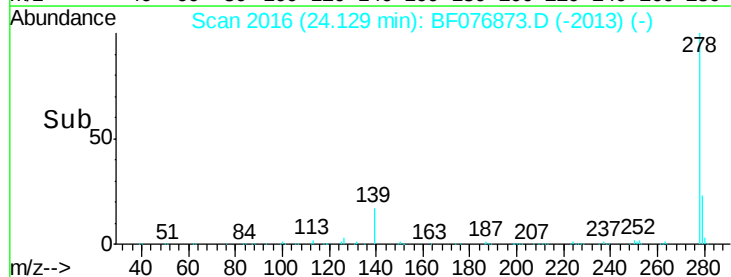
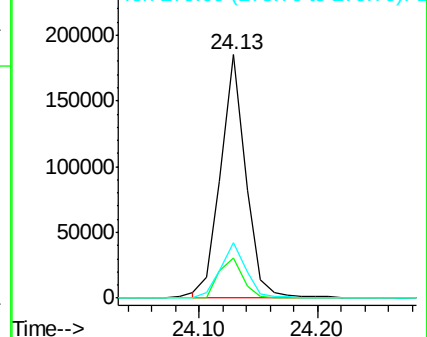
279 22.6 19.3 28.9

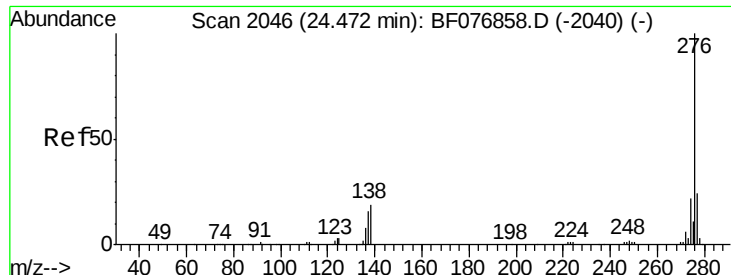


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.18 ng

RT: 24.40 min Scan# 2040

Delta R.T. -0.07 min

Lab File: BF076873.D

Acq: 14 Jan 2015 22:54

Instrument :

BNA_F

ClientSampleId :

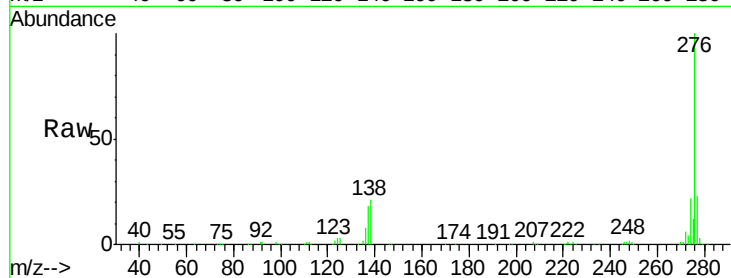
Tot Ion:276 Resp: 265653

Ion Ratio Lower Upper

276 100

277 23.1 19.5 29.3

138 21.3 15.0 22.6



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

