

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF078997.D
 Acq On : 7 May 2015 15:50
 Operator : TP/IZ
 Sample : G2035-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Quant Time: May 08 01:05:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 00:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	80185	20.00	ng	0.01
21) Naphthalene-d8	8.92	136	333469	20.00	ng	0.01
38) Acenaphthene-d10	11.10	164	168111	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	327929	20.00	ng	0.01
75) Chrysene-d12	16.26	240	340309	20.00	ng	-0.01
86) Perylene-d12	18.09	264	344644	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	521473	111.95	ng	0.01
7) Phenol-d6	6.90	99	697149	113.22	ng	0.01
23) Nitrobenzene-d5	8.03	82	413319	71.23	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	200913	110.47	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	719597	59.64	ng	0.00
78) Terphenyl-d14	14.94	244	811444	57.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	45899	22.66	ng	# 33
3) Pyridine	3.08	79	139949	23.61	ng	91
4) n-Nitrosodimethylamine	2.98	42	77367	30.46	ng	84
6) Aniline	6.95	93	191337	22.01	ng	98
8) 2-Chlorophenol	7.07	128	195932	37.08	ng	99
9) Benzaldehyde	6.79	77	16290	3.93	ng	85
10) Phenol	6.92	94	257057	35.99	ng	93
11) bis(2-Chloroethyl)ether	7.03	93	182655	34.88	ng	97
12) 1,3-Dichlorobenzene	7.27	146	200971	33.84	ng	# 92
13) 1,4-Dichlorobenzene	7.36	146	197115	32.25	ng	94
14) 1,2-Dichlorobenzene	7.54	146	195551	34.37	ng	95
15) Benzyl Alcohol	7.52	79	165856	36.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.70	45	288878	36.06	ng	98
17) 2-Methylphenol	7.67	107	164702	38.74	ng	97
18) Hexachloroethane	7.96	117	62288	29.59	ng	91
19) n-Nitroso-di-n-propylamine	7.85	70	143065	34.40	ng	97
20) 3+4-Methylphenols	7.86	107	217260	38.35	ng	# 48
22) Acetophenone	7.85	105	290696	38.58	ng	96
24) Nitrobenzene	8.06	77	212451	36.94	ng	94
25) Isophorone	8.35	82	375313	34.89	ng	99
26) 2-Nitrophenol	8.44	139	90441	37.99	ng	# 72
27) 2,4-Dimethylphenol	8.51	122	189571	39.80	ng	95
28) bis(2-Chloroethoxy)methane	8.63	93	235380	35.50	ng	98
29) 2,4-Dichlorophenol	8.75	162	164177	38.76	ng	94
30) 1,2,4-Trichlorobenzene	8.86	180	167849	36.07	ng	97
31) Naphthalene	8.95	128	592267	37.27	ng	99
32) Benzoic acid	8.62	122	114493	39.64	ng	99
33) 4-Chloroaniline	9.02	127	161601	24.04	ng	97
34) Hexachlorobutadiene	9.10	225	92525	34.53	ng	97
35) Caprolactam	9.45	113	54355	39.68	ng	# 82
36) 4-Chloro-3-methylphenol	9.62	107	184267	41.42	ng	95
37) 2-Methylnaphthalene	9.80	142	419690	38.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	166255	35.11	ng	# 100
40) Hexachlorocyclopentadiene	10.00	237	19585	8.23	ng	97

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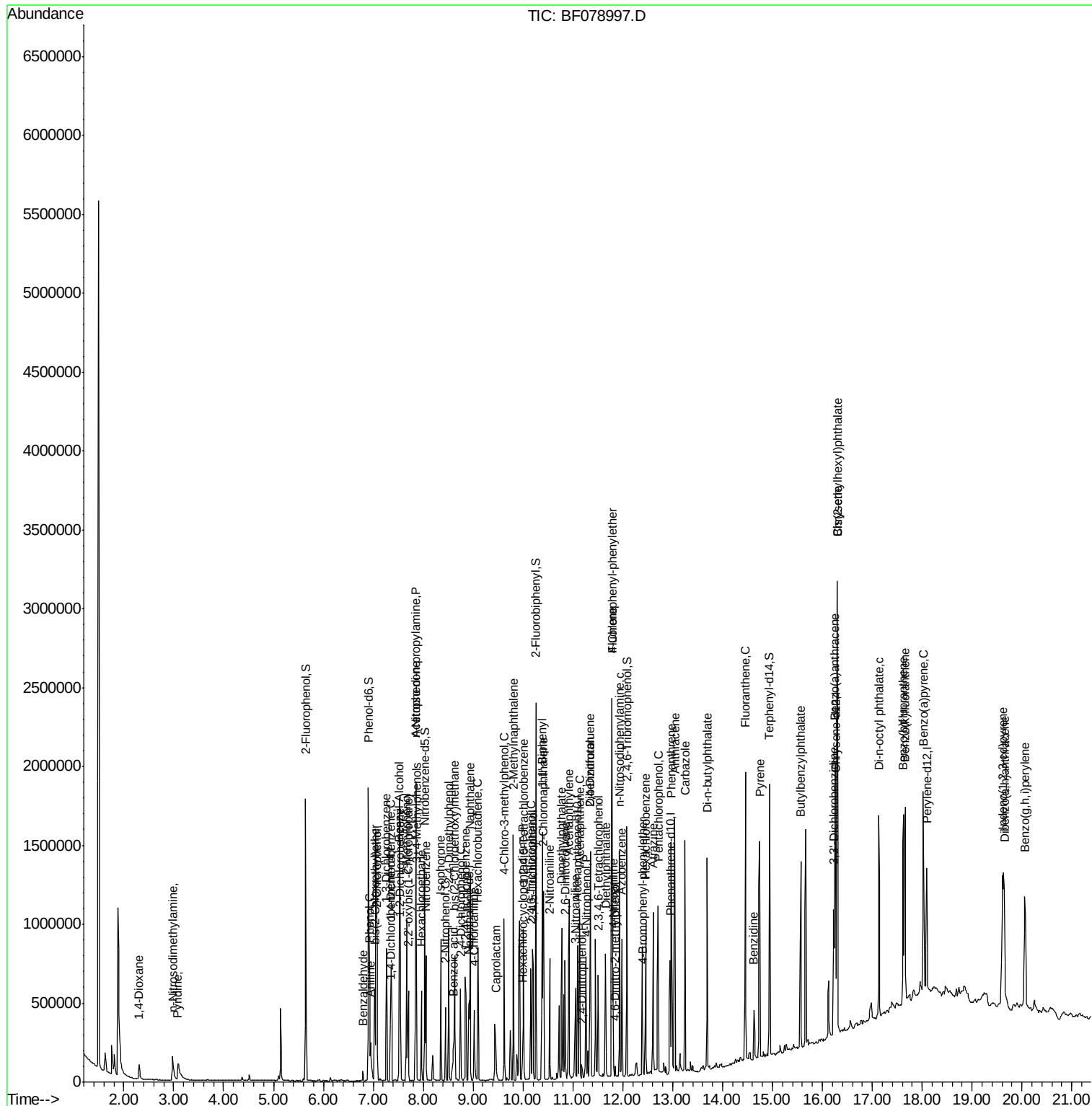
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.16	196	116577	35.81	ng	98
43) 2,4,5-Trichlorophenol	10.20	196	123635	37.57	ng #	91
45) 1,1'-Biphenyl	10.39	154	490721	36.72	ng	97
46) 2-Chloronaphthalene	10.41	162	370899	35.58	ng	96
47) 2-Nitroaniline	10.54	65	119902	39.70	ng	95
48) Acenaphthylene	10.92	152	604456	35.32	ng	99
49) Dimethylphthalate	10.78	163	465023	37.69	ng	100
50) 2,6-Dinitrotoluene	10.84	165	85785	35.23	ng	89
51) Acenaphthene	11.14	154	344693	33.77	ng	100
52) 3-Nitroaniline	11.05	138	97611	32.09	ng #	97
53) 2,4-Dinitrophenol	11.19	184	11864	22.70	ng #	73
54) Dibenzofuran	11.35	168	529371	35.91	ng	96
55) 4-Nitrophenol	11.27	139	181399	75.35	ng	87
56) 2,4-Dinitrotoluene	11.35	165	117686	36.56	ng #	72
57) Fluorene	11.78	166	432391	35.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.51	232	98361	36.58	ng #	100
59) Diethylphthalate	11.66	149	420444	34.40	ng	98
60) 4-Chlorophenyl-phenylether	11.78	204	182536	34.00	ng	92
61) 4-Nitroaniline	11.81	138	105467	34.66	ng	92
62) Azobenzene	11.98	77	428368	35.57	ng	94
64) 4,6-Dinitro-2-methylphenol	11.85	198	11359	12.29	ng #	78
65) n-Nitrosodiphenylamine	11.93	169	364133	33.34	ng	98
66) 4-Bromophenyl-phenylether	12.40	248	116594	34.11	ng #	85
67) Hexachlorobenzene	12.46	284	131131	33.57	ng #	91
68) Atrazine	12.61	200	108571	34.19	ng	100
69) Pentachlorophenol	12.71	266	137594	61.89	ng	97
70) Phenanthrene	12.97	178	645862	35.21	ng	100
71) Anthracene	13.04	178	644672	35.82	ng	100
72) Carbazole	13.25	167	633894	36.95	ng	99
73) Di-n-butylphthalate	13.69	149	716023	34.81	ng	99
74) Fluoranthene	14.46	202	752089	39.34	ng	98
76) Benzidine	14.63	184	142898	15.58	ng	98
77) Pyrene	14.74	202	770671	39.30	ng	99
79) Butylbenzylphthalate	15.57	149	339568	39.61	ng #	86
80) Benzo(a)anthracene	16.25	228	711016	38.15	ng	99
81) 3,3'-Dichlorobenzidine	16.23	252	230484	34.72	ng	100
82) Chrysene	16.30	228	645994	36.04	ng	99
83) Bis(2-ethylhexyl)phthalate	16.30	149	467503	36.01	ng #	97
84) Di-n-octyl phthalate	17.13	149	845353	36.97	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.61	276	766423	33.56	ng #	100
87) Benzo(b)fluoranthene	17.62	252	748930	39.70	ng #	97
88) Benzo(k)fluoranthene	17.66	252	682983	37.40	ng #	96
89) Benzo(a)pyrene	18.02	252	684136	39.39	ng #	94
90) Dibenzo(a,h)anthracene	19.65	278	603937	32.72	ng	100
91) Benzo(g,h,i)perylene	20.06	276	629753	34.04	ng	96

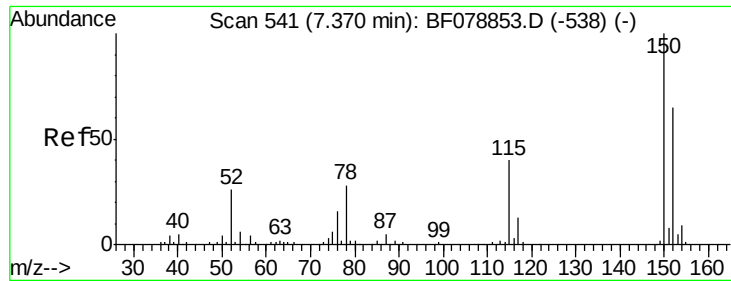
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

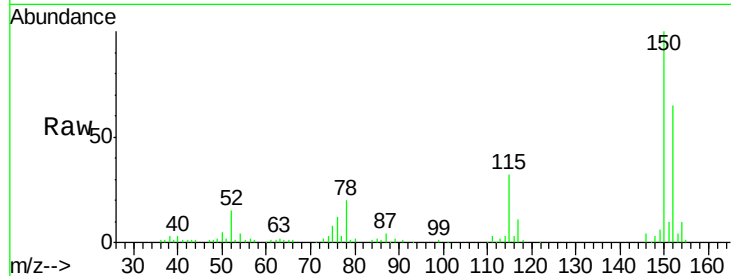
Tgt Ion:152 Resp: 80185

Ion Ratio Lower Upper

152 100

150 153.3 122.0 183.0

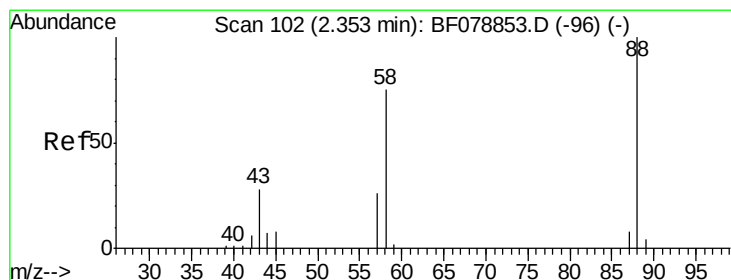
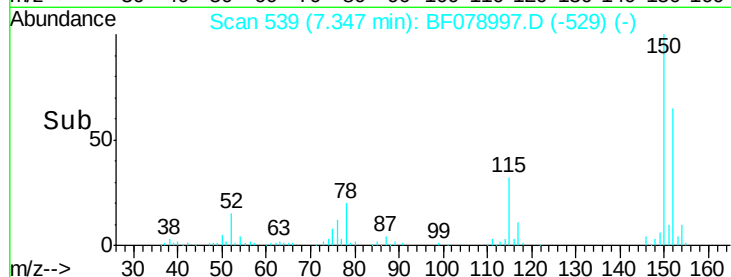
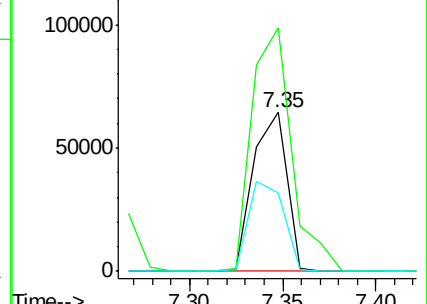
115 49.5 46.3 69.5



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: 22.66 ng

RT: 2.31 min Scan# 98

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

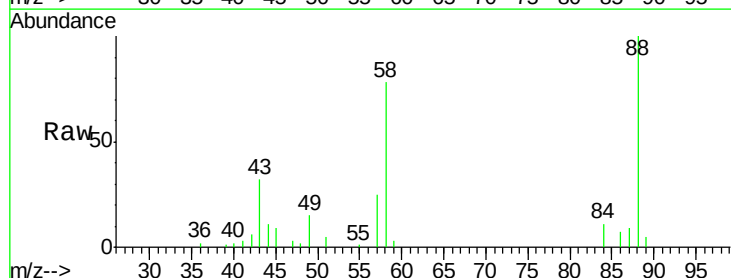
Tgt Ion: 88 Resp: 45899

Ion Ratio Lower Upper

88 100

58 80.1 0.0 0.0#

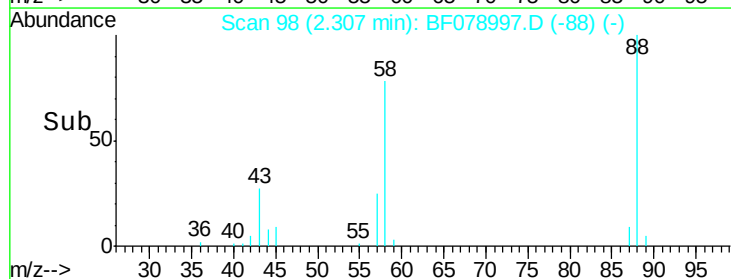
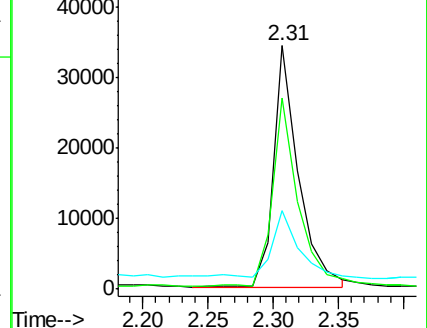
43 26.1 3.3 4.9#

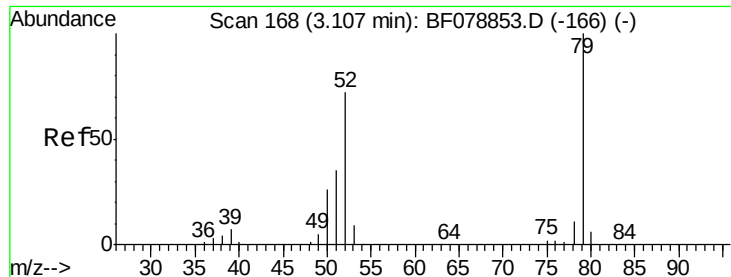


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.61 ng

RT: 3.08 min Scan# 166

Delta R.T. 0.03 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

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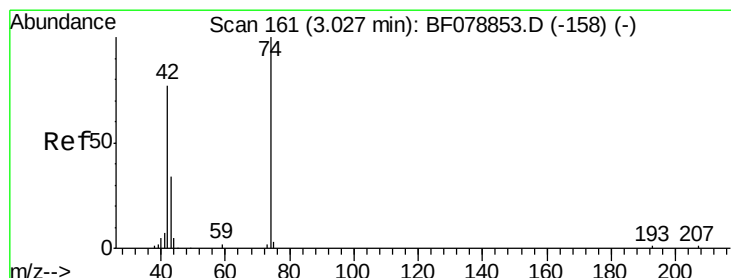
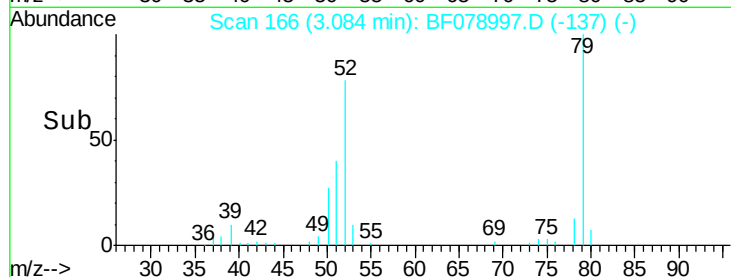
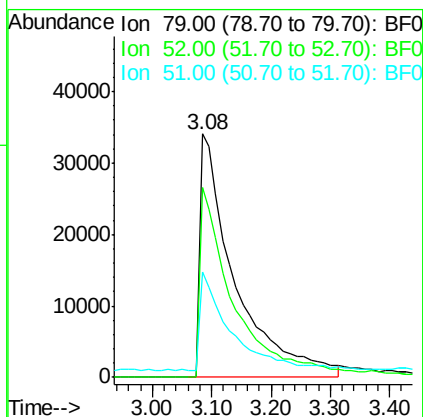
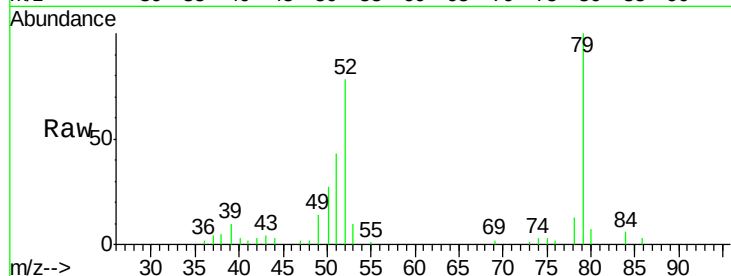
Tgt Ion: 79 Resp: 139949

Ion Ratio Lower Upper

79 100

52 77.8 57.2 85.8

51 43.1 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 30.46 ng

RT: 2.98 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

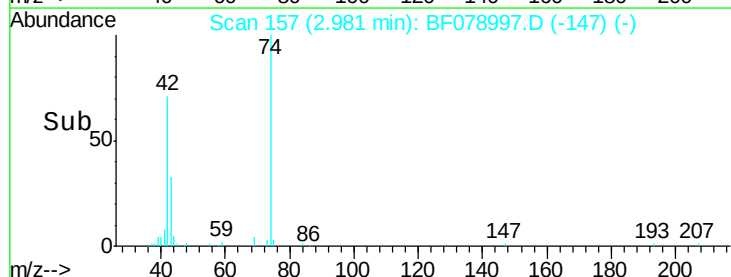
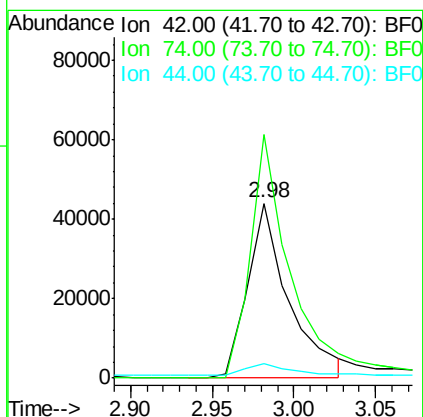
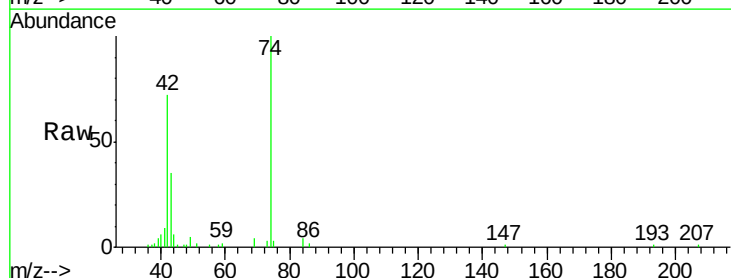
Tgt Ion: 42 Resp: 77367

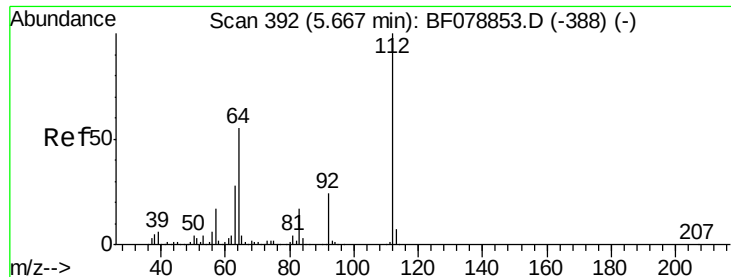
Ion Ratio Lower Upper

42 100

74 139.4 96.5 144.7

44 8.3 6.1 9.1





#5

2-Fluorophenol

Concen: 111.95 ng

RT: 5.64 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

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ClientSampleId :

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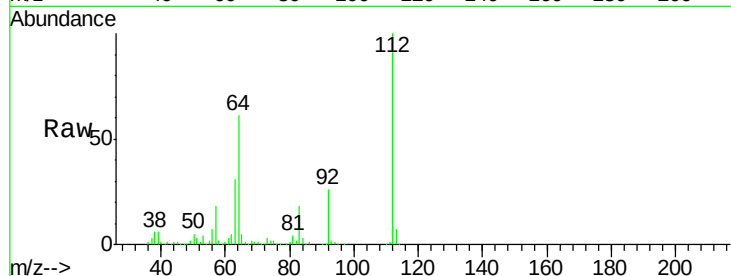
Tgt Ion:112 Resp: 521473

Ion Ratio Lower Upper

112 100

64 61.4 53.5 80.3

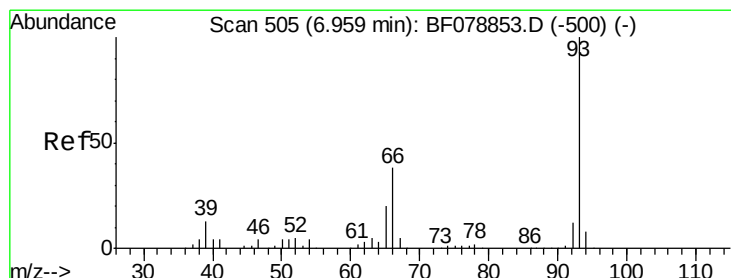
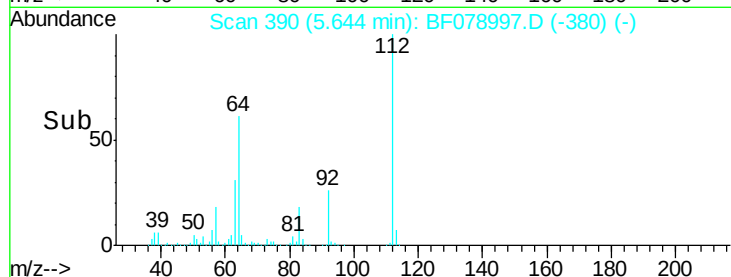
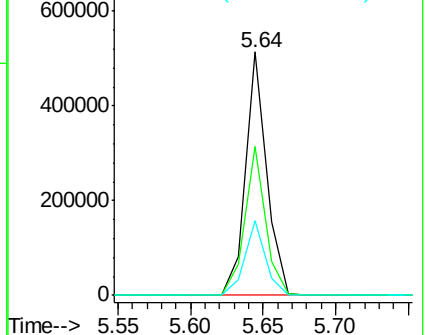
63 30.6 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.01 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.02 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

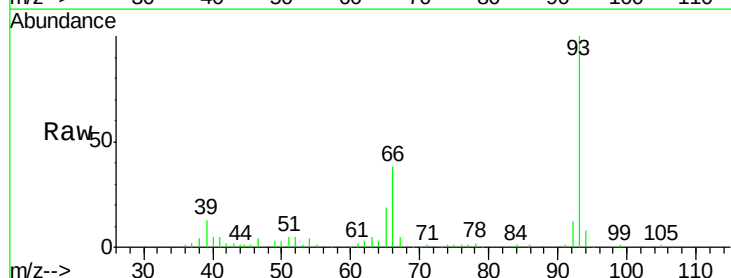
Tgt Ion: 93 Resp: 191337

Ion Ratio Lower Upper

93 100

66 38.1 29.7 44.5

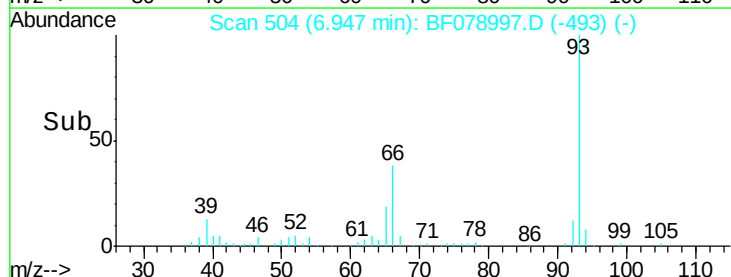
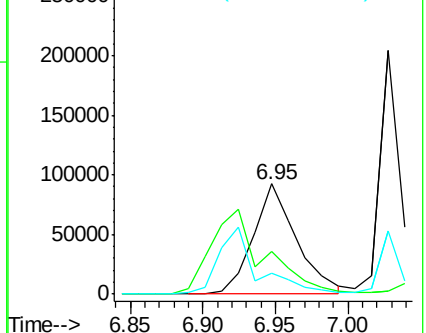
65 19.2 14.6 22.0

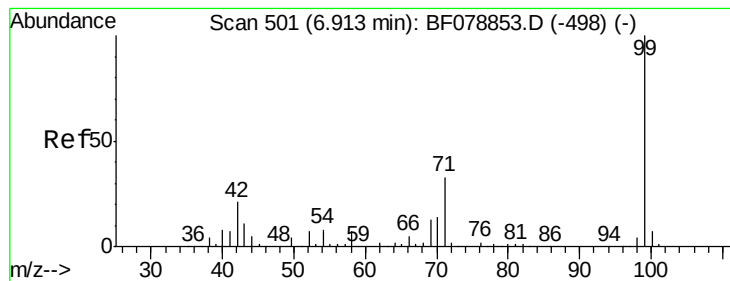


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.22 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078997.D

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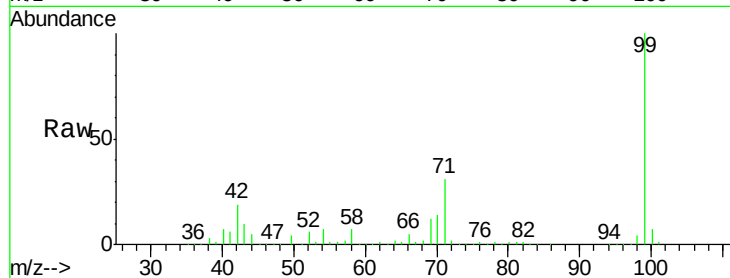
Tgt Ion: 99 Resp: 697149

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

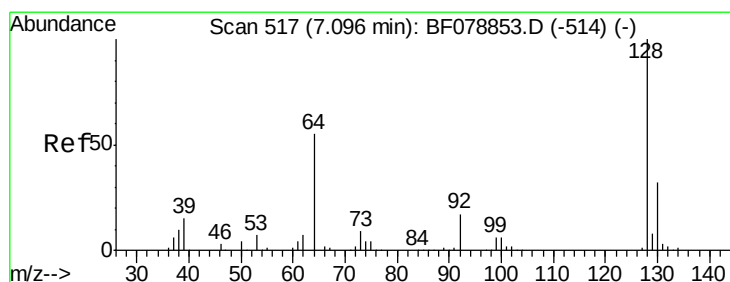
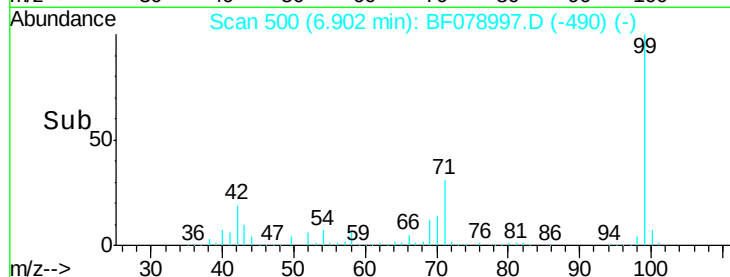
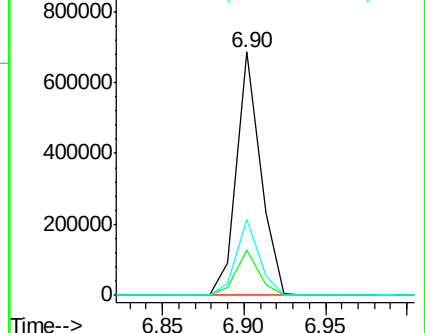
71 31.1 23.4 35.2



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: 37.08 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF078997.D

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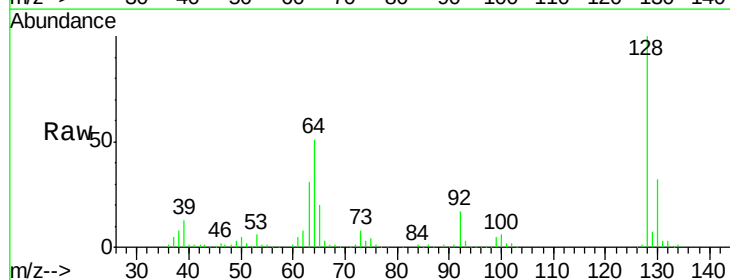
Tgt Ion: 128 Resp: 195932

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

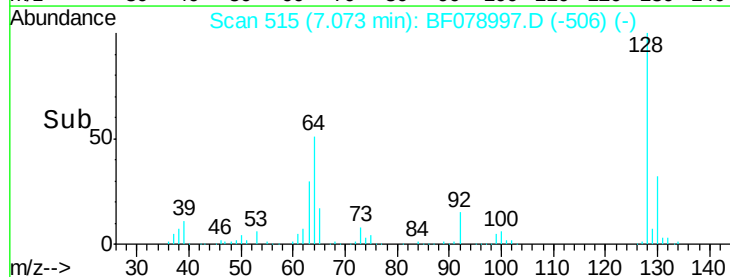
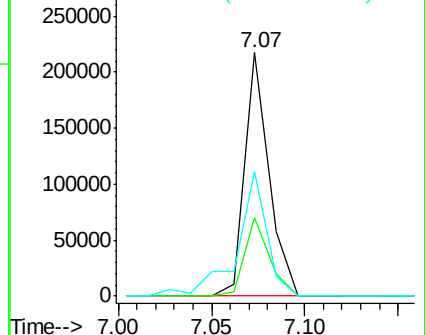
64 51.0 29.6 69.6

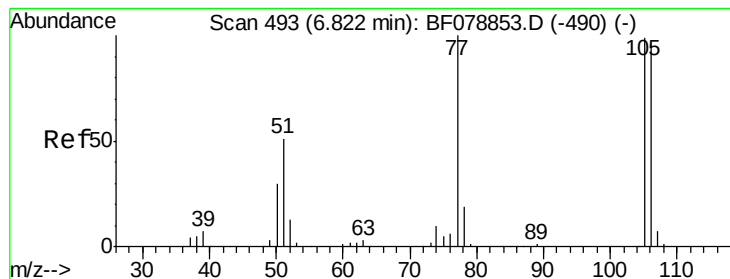


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.93 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

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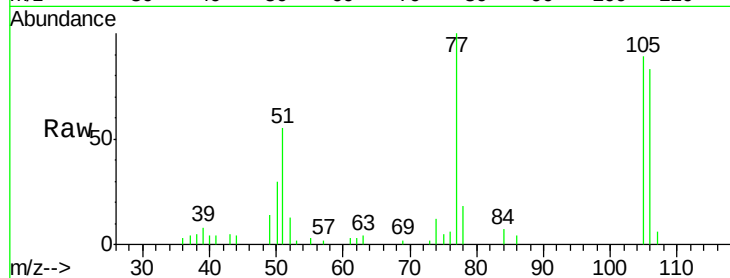
Tgt Ion: 77 Resp: 16290

Ion Ratio Lower Upper

77 100

105 88.9 81.7 121.7

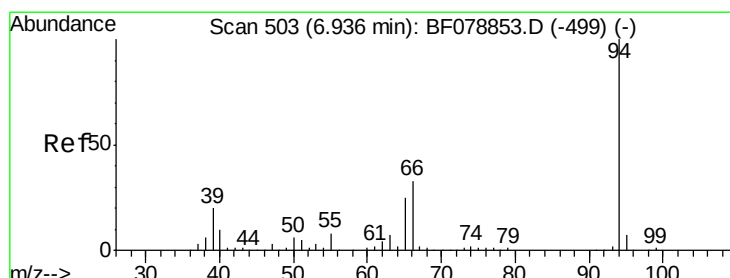
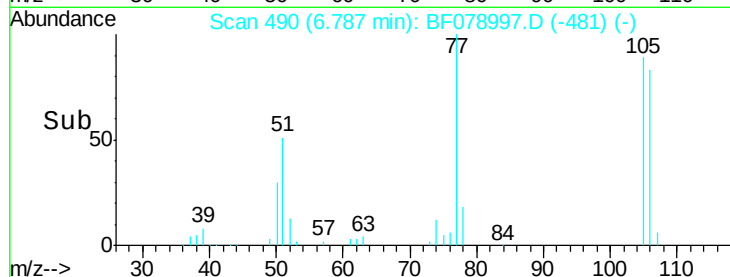
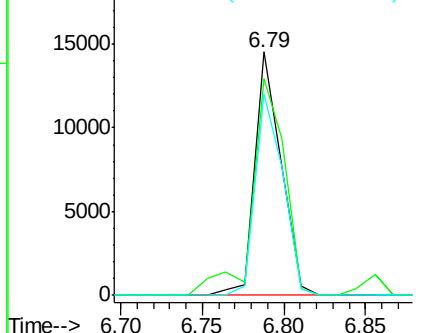
106 82.6 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.99 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

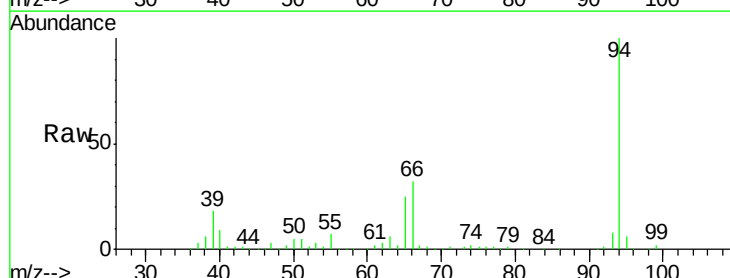
Tgt Ion: 94 Resp: 257057

Ion Ratio Lower Upper

94 100

65 25.0 8.5 48.5

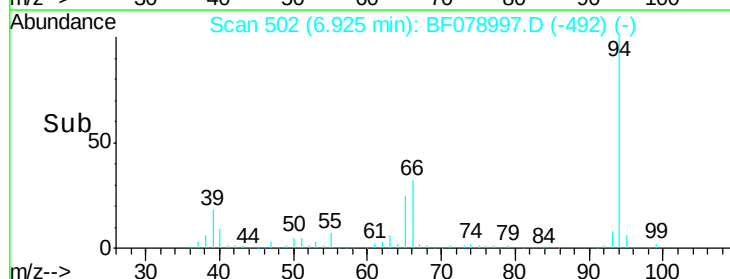
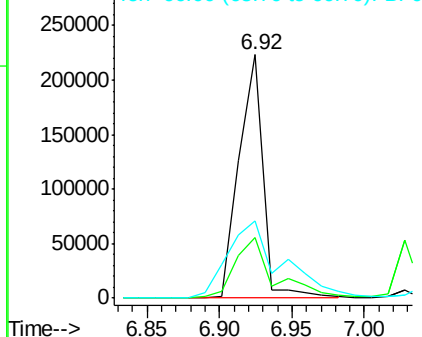
66 31.7 16.0 56.0

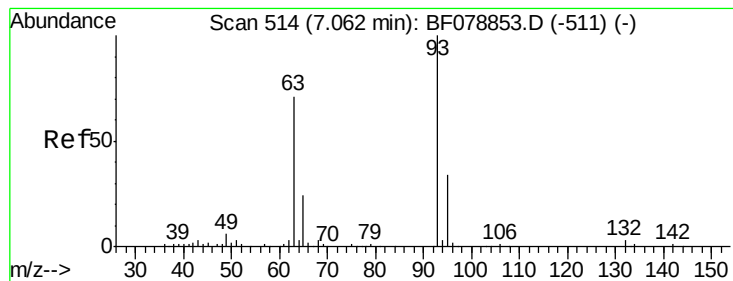


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.88 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

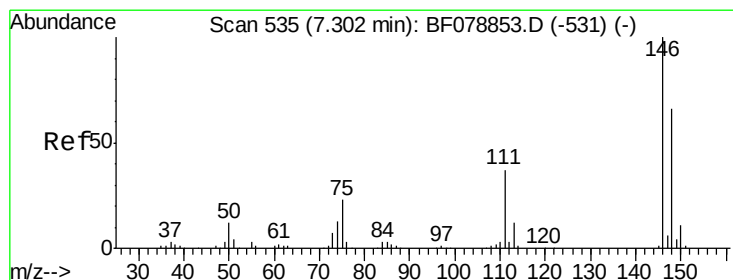
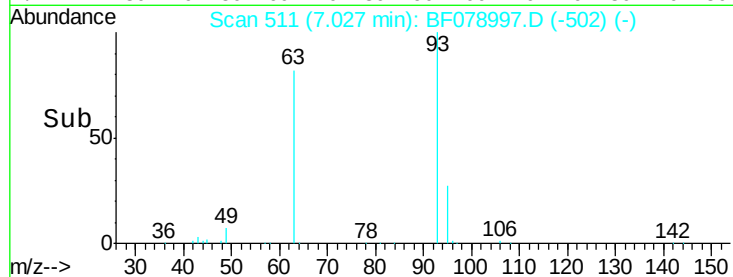
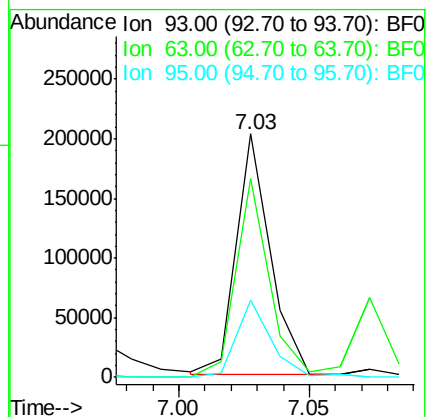
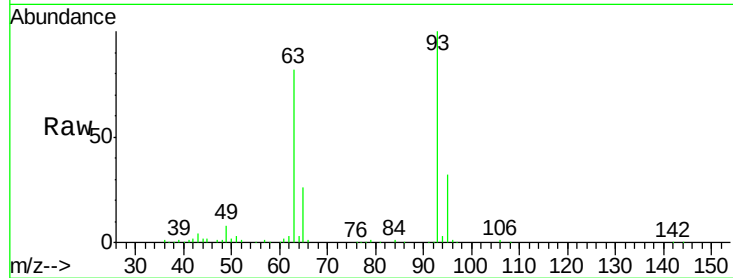
Tgt Ion: 93 Resp: 182655

Ion Ratio Lower Upper

93 100

63 81.8 64.8 104.8

95 31.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 33.84 ng

RT: 7.27 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

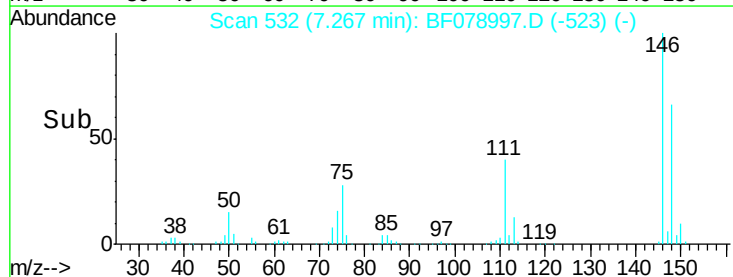
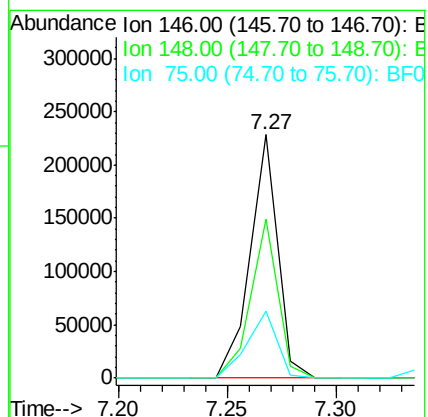
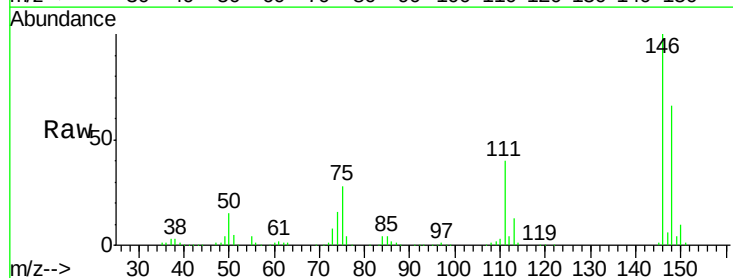
Tgt Ion: 146 Resp: 200971

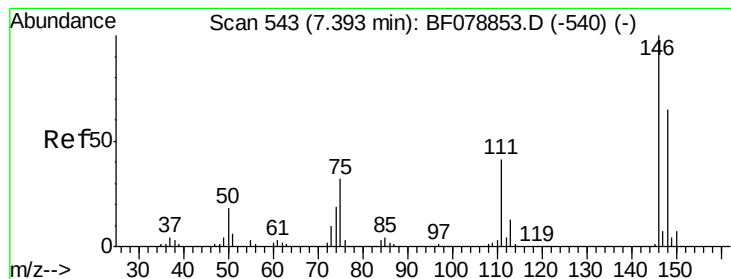
Ion Ratio Lower Upper

146 100

148 65.6 50.2 75.2

75 27.8 29.2 43.8#





#13

1,4-Dichlorobenzene

Concen: 32.25 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

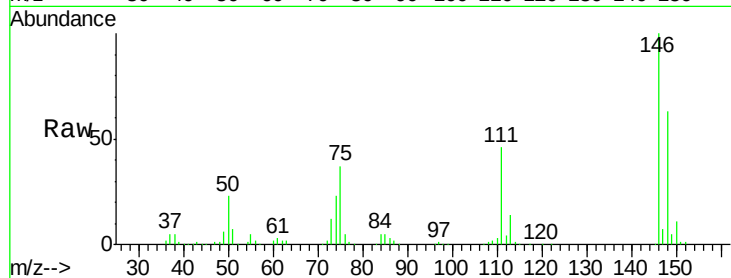
Tgt Ion:146 Resp: 197115

Ion Ratio Lower Upper

146 100

148 62.9 52.8 79.2

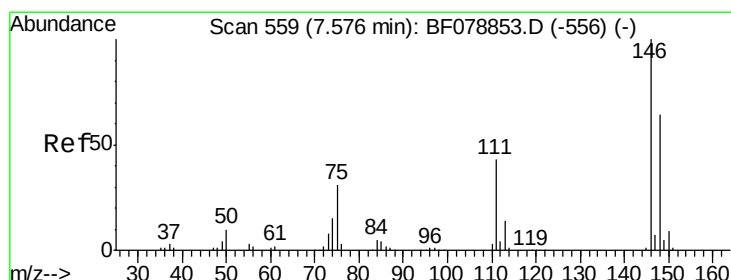
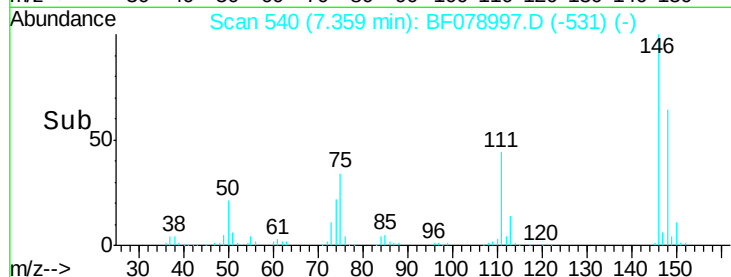
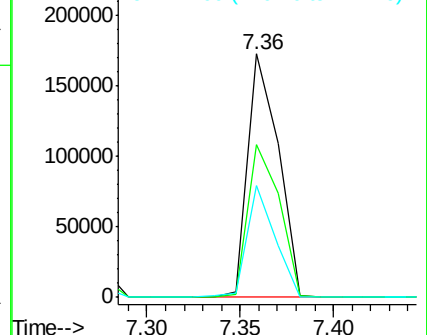
111 45.7 31.7 47.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.37 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

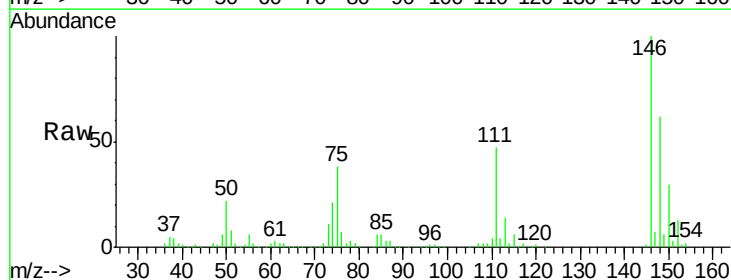
Tgt Ion:146 Resp: 195551

Ion Ratio Lower Upper

146 100

148 62.4 51.2 76.8

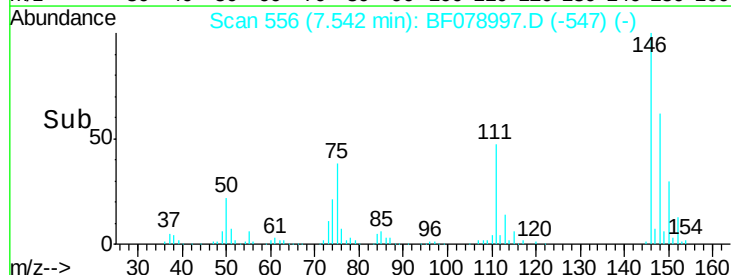
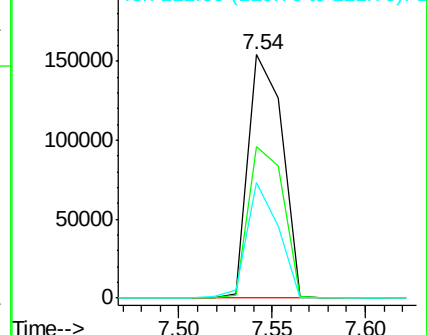
111 47.2 33.3 49.9

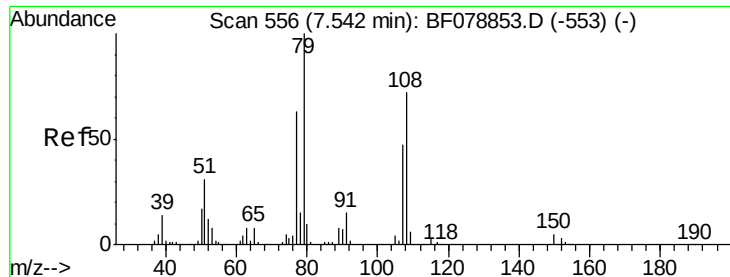


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.29 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

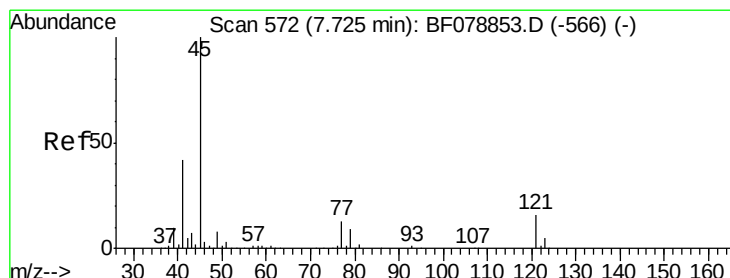
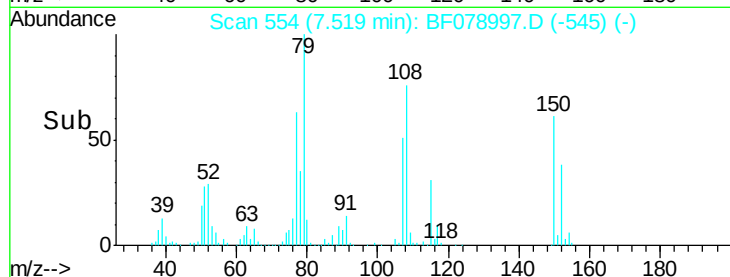
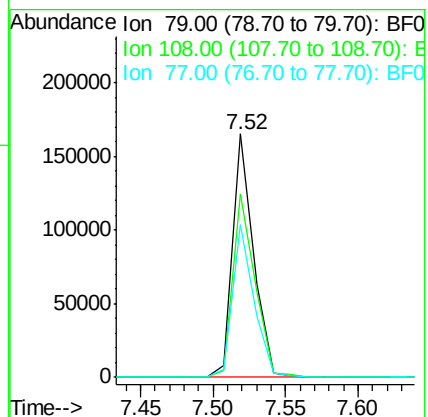
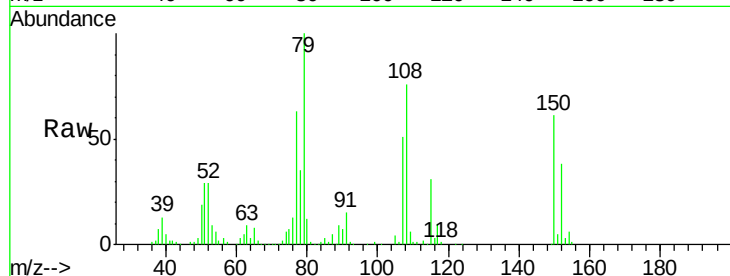
Tgt Ion: 79 Resp: 165856

Ion Ratio Lower Upper

79 100

108 75.6 62.5 93.7

77 62.8 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.06 ng

RT: 7.70 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

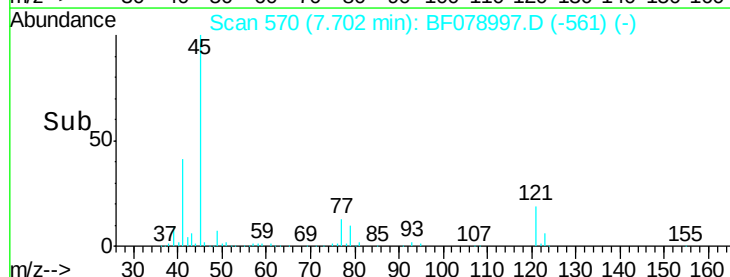
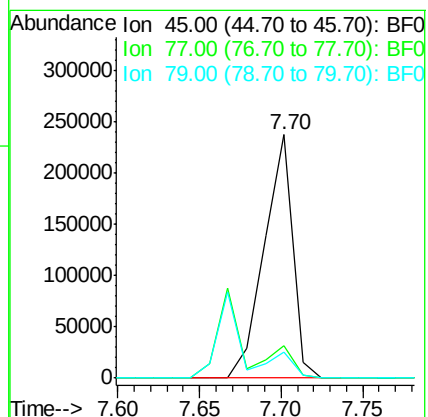
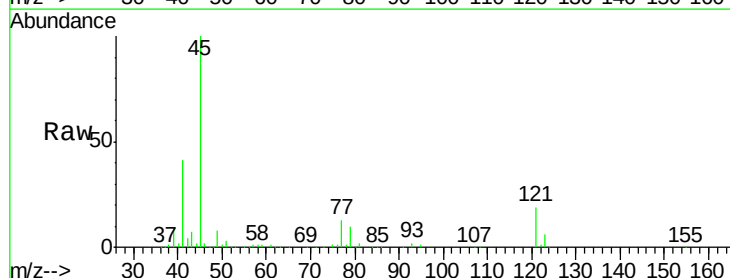
Tgt Ion: 45 Resp: 288878

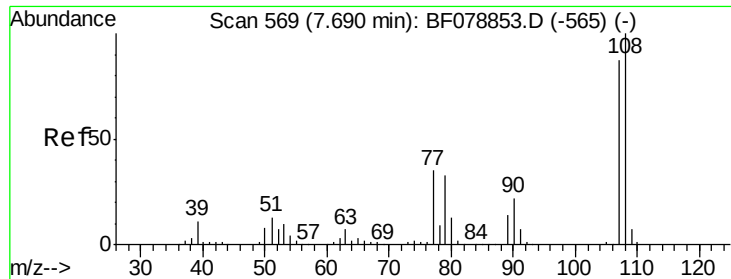
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.3

79 10.5 0.0 30.1

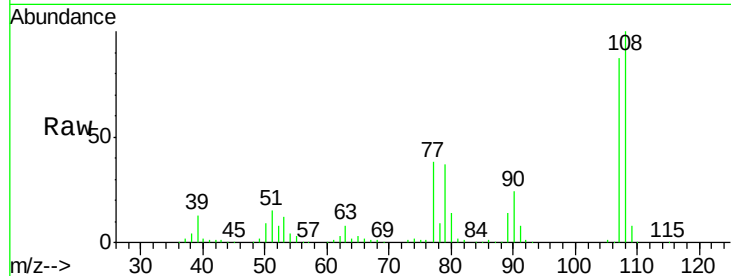




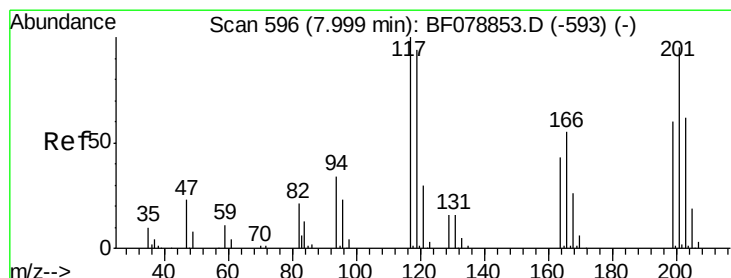
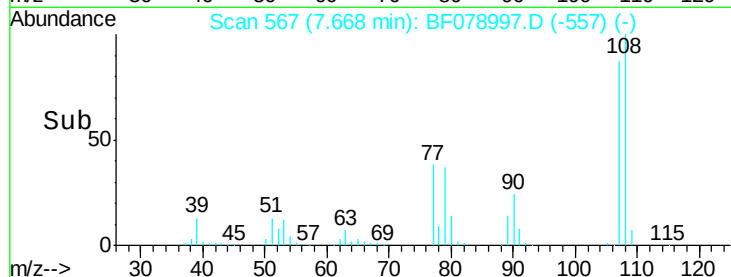
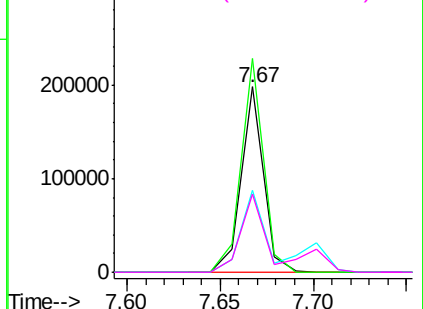
#17
2-Methylphenol
Concen: 38.74 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tgt Ion:	107	Resp:	164702
Ion	Ratio	Lower	Upper
107	100		
108	115.3	94.9	142.3
77	44.4	36.2	54.4
79	42.4	35.2	52.8

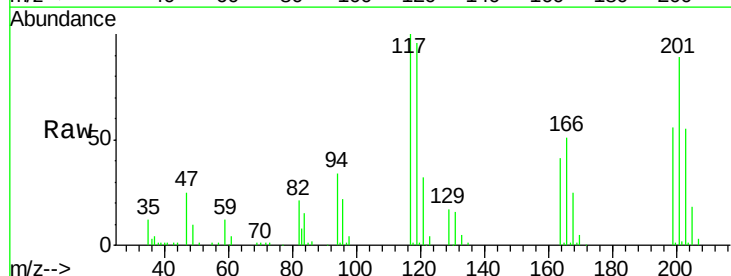


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

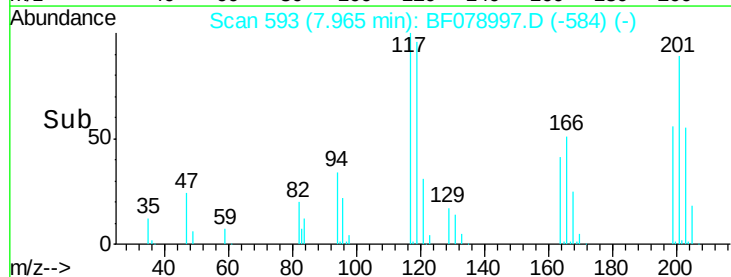
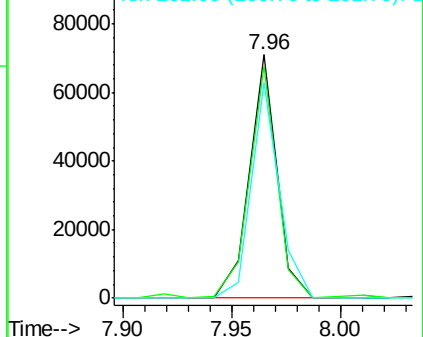


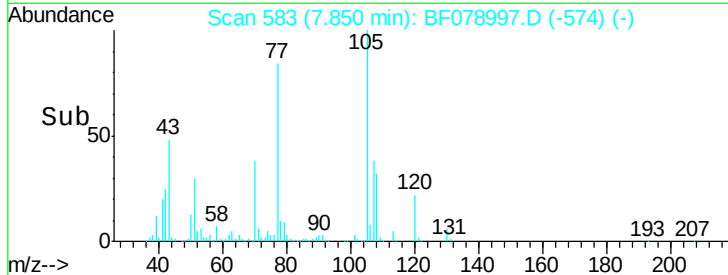
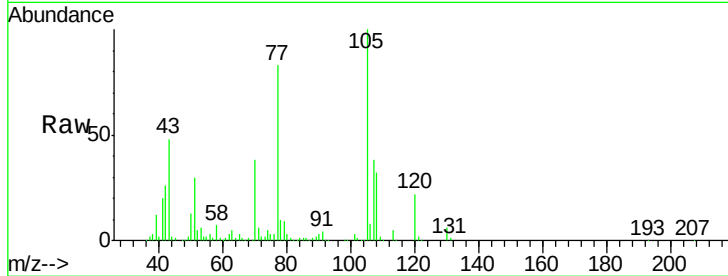
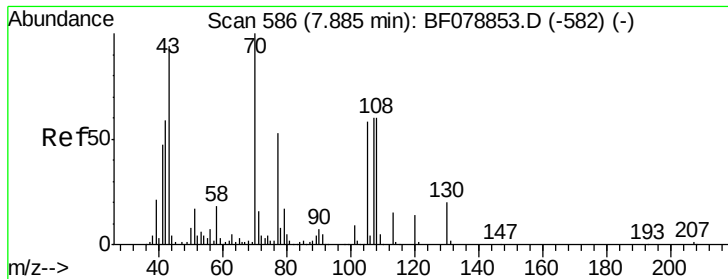
#18
Hexachloroethane
Concen: 29.59 ng
RT: 7.96 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:	117	Resp:	62288
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.4	113.0
201	88.6	83.2	124.8



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

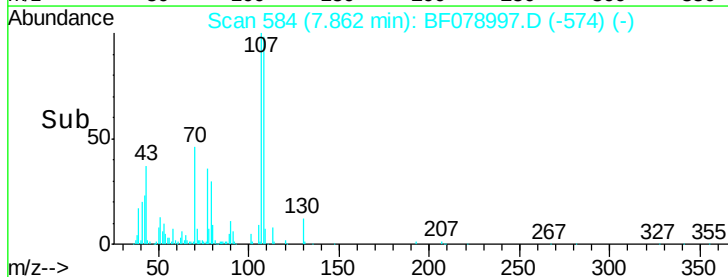
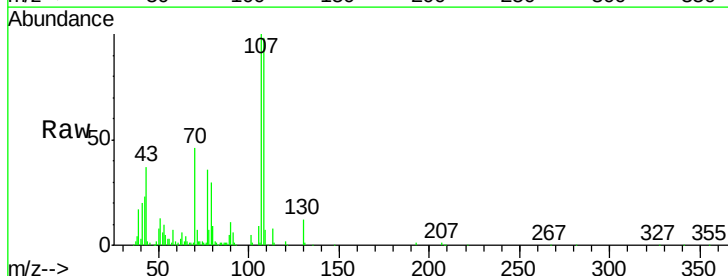
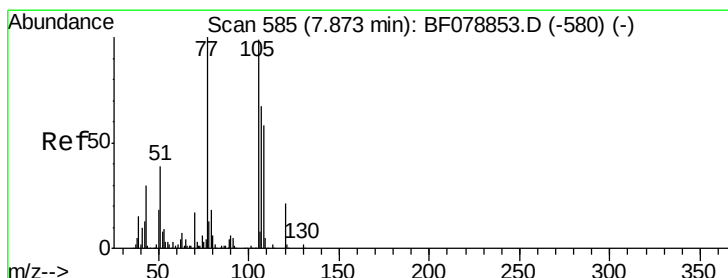
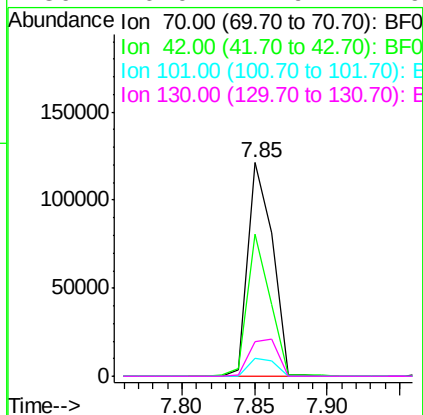




#19
n-Nitroso-di-n-propylamine
Concen: 34.40 ng
RT: 7.85 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

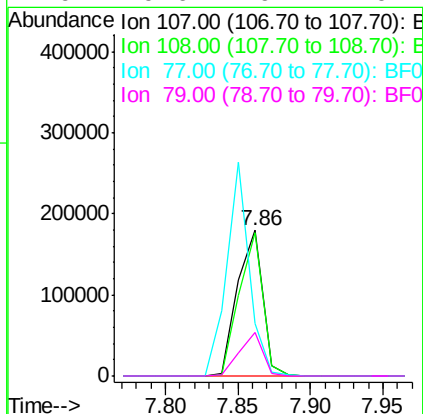
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

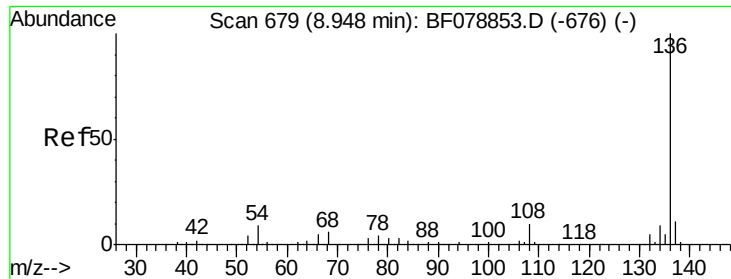
Tgt Ion: 70 Resp: 143065
Ion Ratio Lower Upper
70 100
42 66.5 55.4 83.0
101 8.5 6.6 10.0
130 16.0 11.9 17.9



#20
3+4-Methylphenols
Concen: 38.35 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion: 107 Resp: 217260
Ion Ratio Lower Upper
107 100
108 98.3 76.9 116.9
77 35.9 136.8 176.8#
79 29.6 9.7 49.7

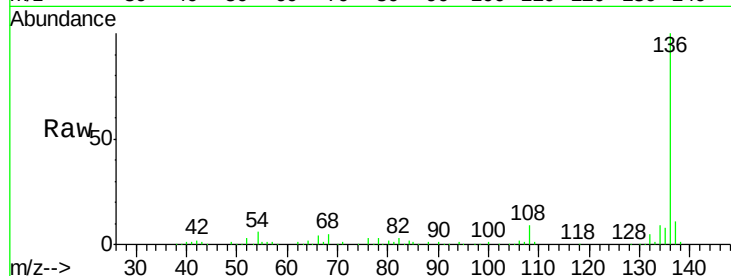




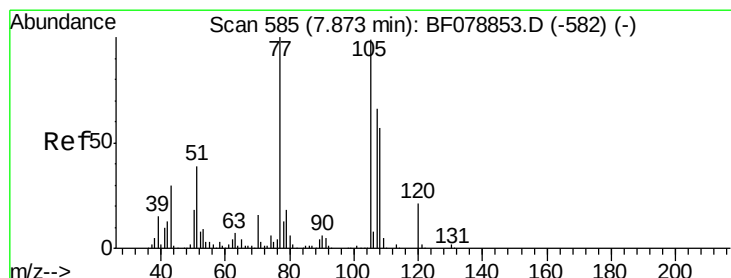
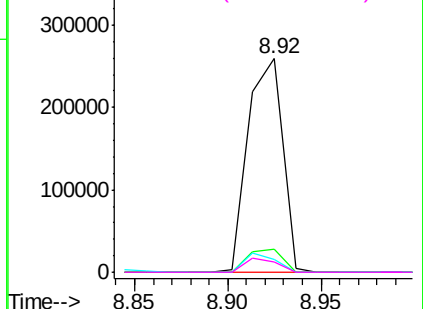
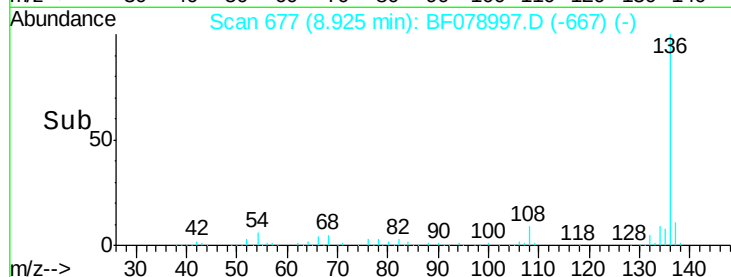
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tgt Ion:	136	Resp:	333469
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.9	5.8	8.8
68	4.7	4.2	6.4

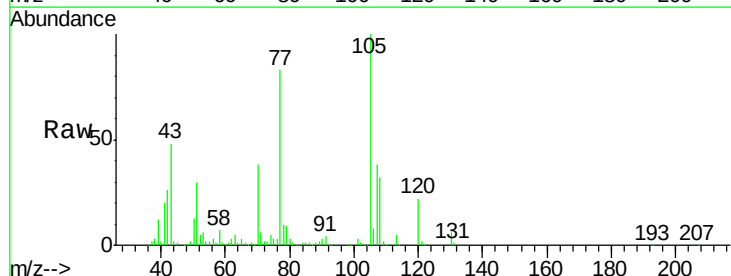


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

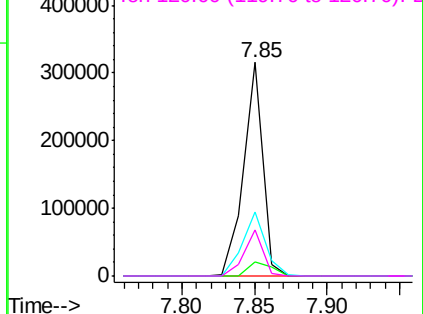
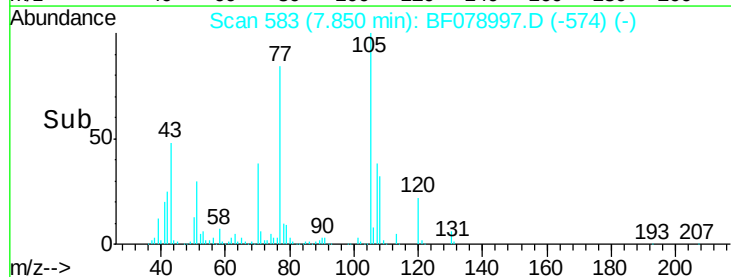


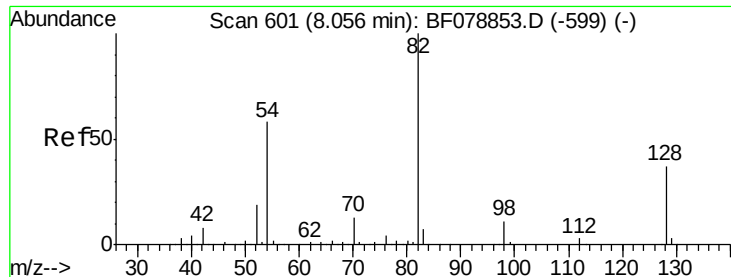
#22
Acetophenone
Concen: 38.58 ng
RT: 7.85 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:	105	Resp:	290696
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.6	6.8
51	29.8	26.7	40.1
120	21.7	17.4	26.0



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

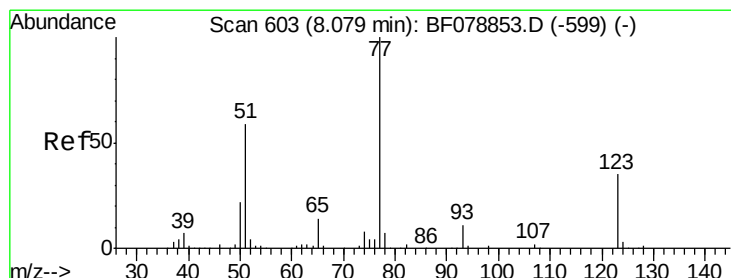
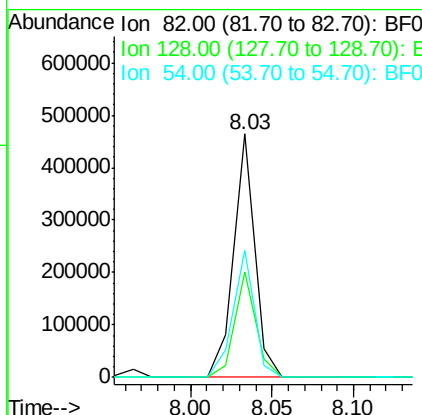
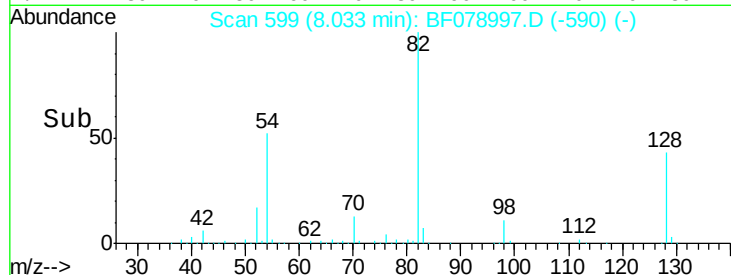
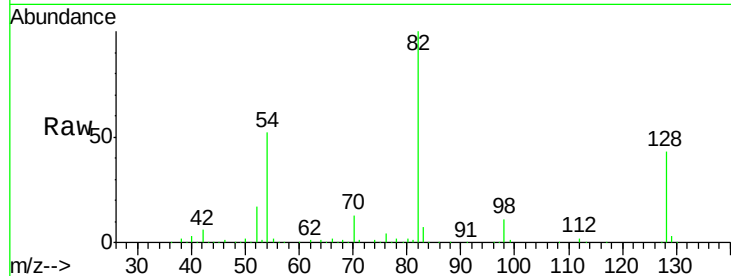




#23
 Nitrobenzene-d5
 Concen: 71.23 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

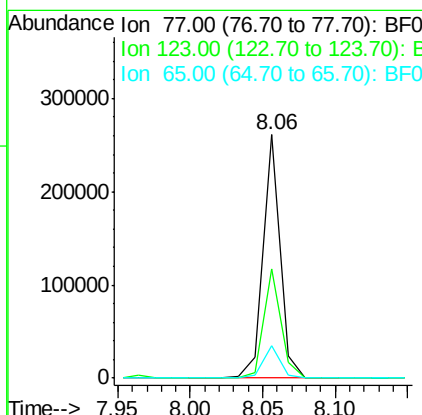
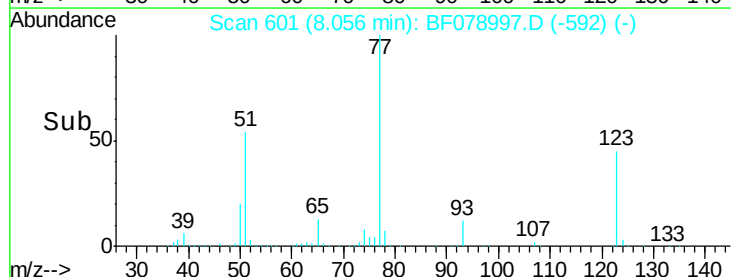
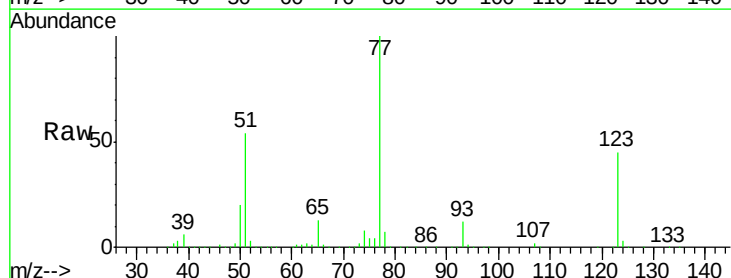
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

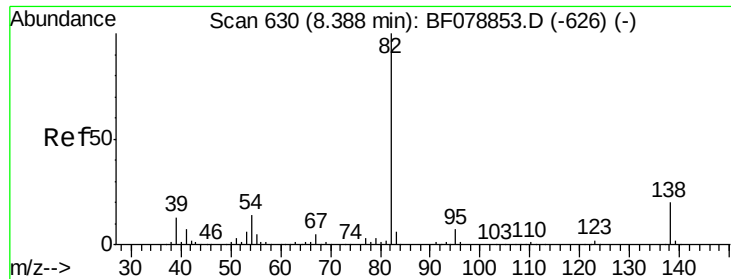
Tgt Ion: 82 Resp: 413319
 Ion Ratio Lower Upper
 82 100
 128 43.2 30.0 45.0
 54 52.2 46.4 69.6



#24
 Nitrobenzene
 Concen: 36.94 ng
 RT: 8.06 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion: 77 Resp: 212451
 Ion Ratio Lower Upper
 77 100
 123 44.7 31.8 47.8
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 34.89 ng

RT: 8.35 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

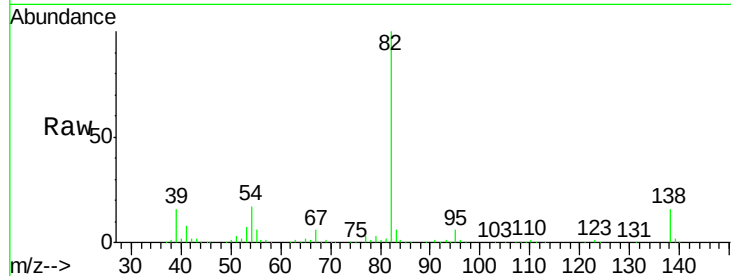
Tgt Ion: 82 Resp: 375313

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 15.8 12.0 18.0

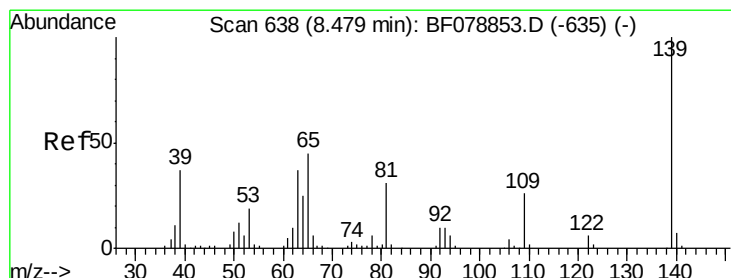
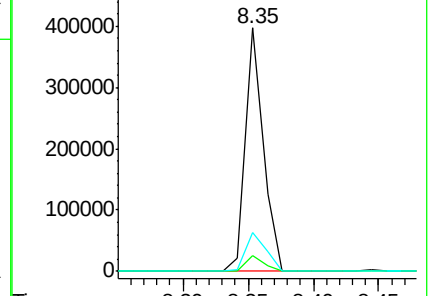
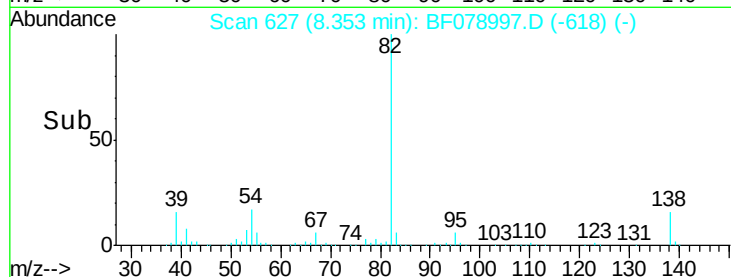


Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)

8.35



#26

2-Nitrophenol

Concen: 37.99 ng

RT: 8.44 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

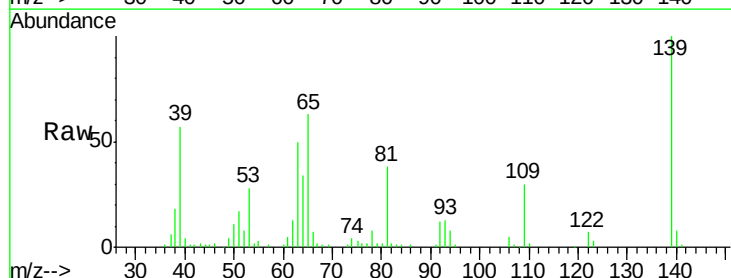
Tgt Ion: 139 Resp: 90441

Ion Ratio Lower Upper

139 100

109 29.9 21.0 31.4

65 63.3 30.5 45.7#

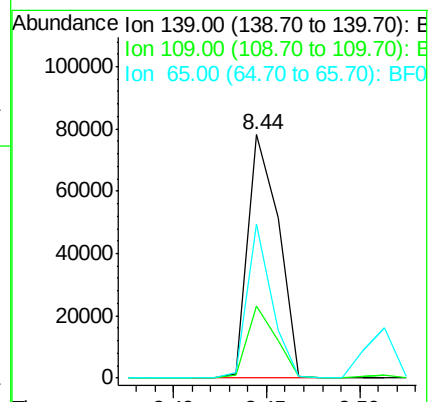
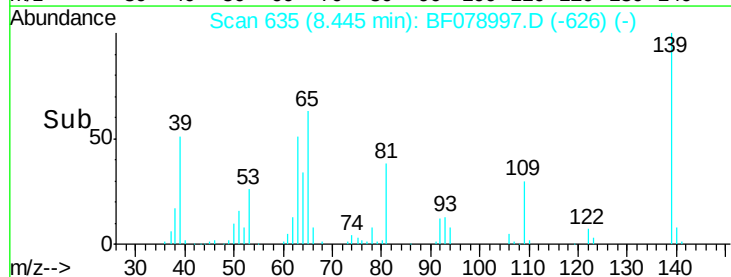


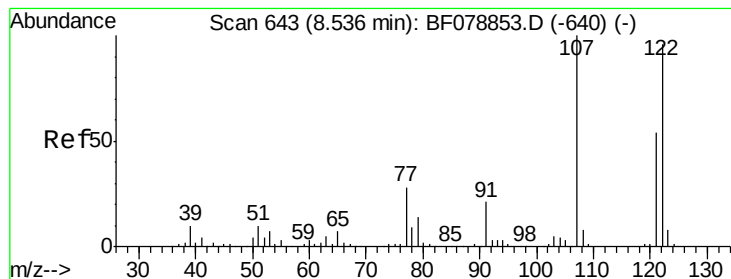
Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)

8.44





#27

2,4-Dimethylphenol

Concen: 39.80 ng

RT: 8.51 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

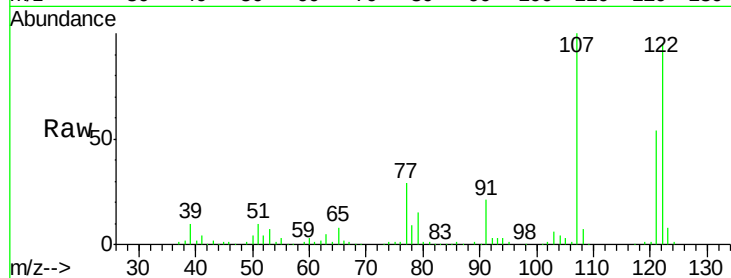
Tgt Ion: 122 Resp: 189571

Ion Ratio Lower Upper

122 100

107 105.4 90.6 135.8

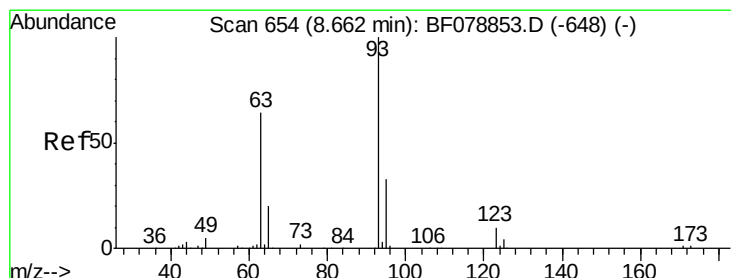
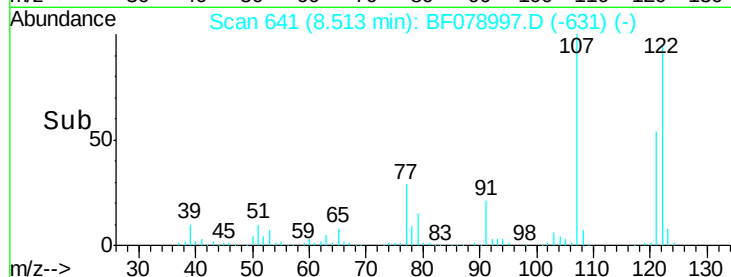
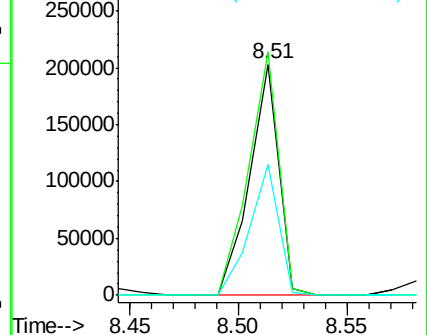
121 56.8 45.4 68.2



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: 35.50 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

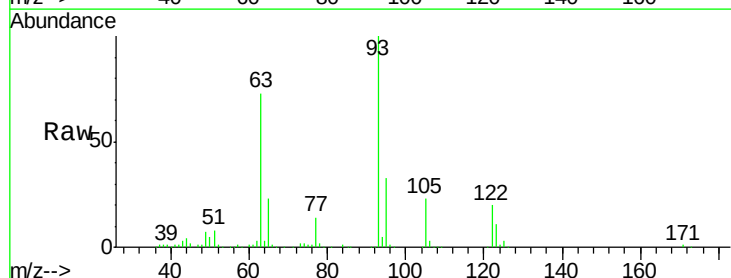
Tgt Ion: 93 Resp: 235380

Ion Ratio Lower Upper

93 100

95 32.5 26.7 40.1

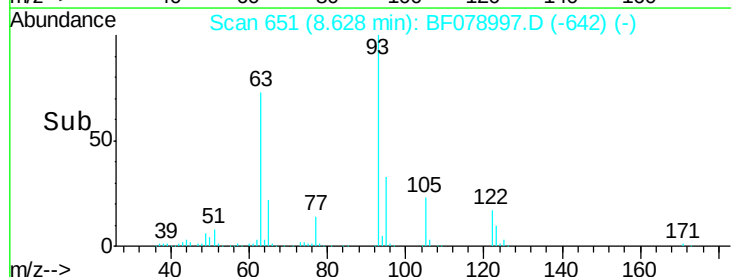
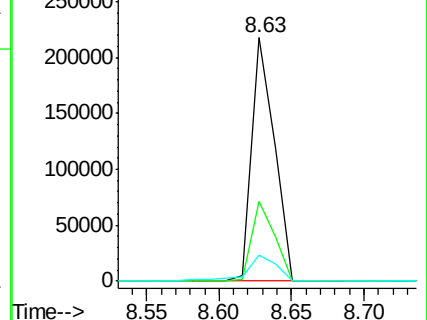
123 10.6 9.1 13.7

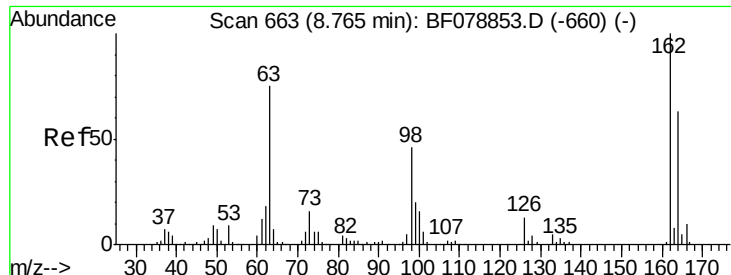


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

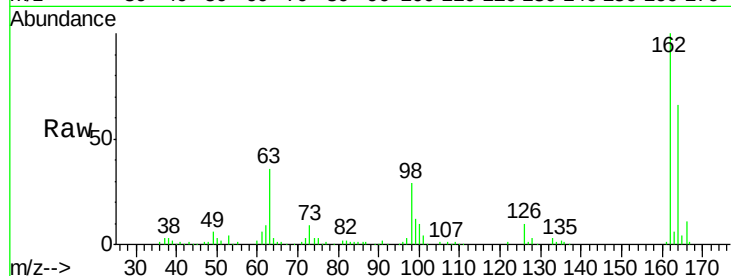




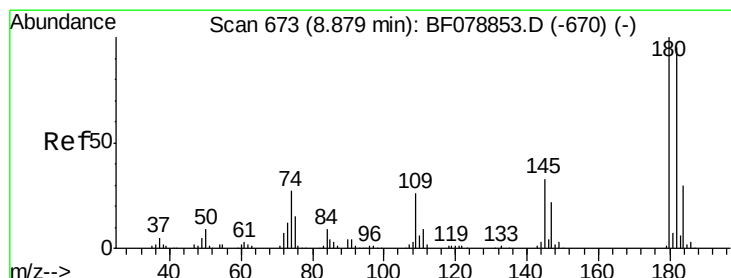
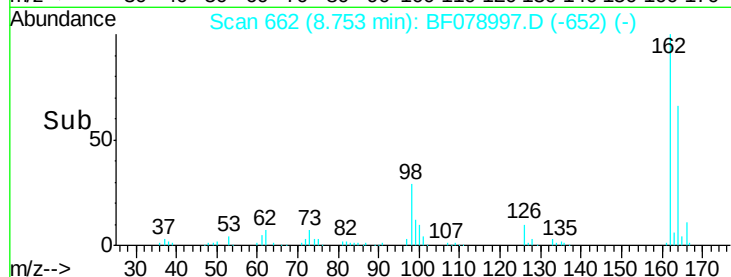
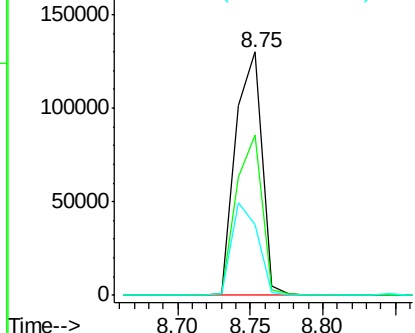
#29
2,4-Dichlorophenol
Concen: 38.76 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.6	83.6
98	29.2	16.5	56.5

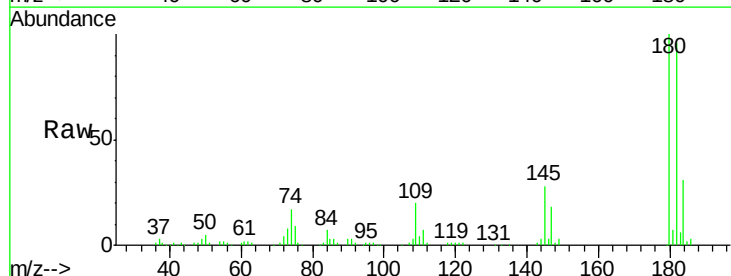


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

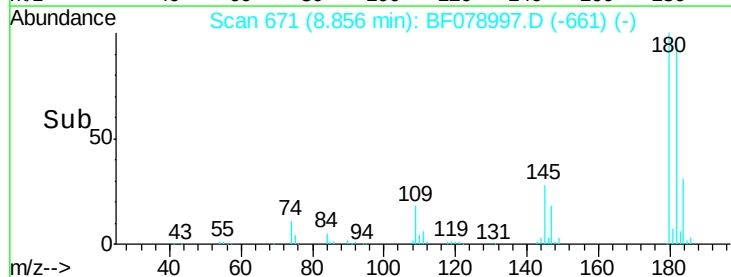
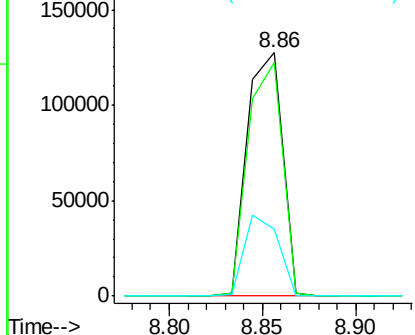


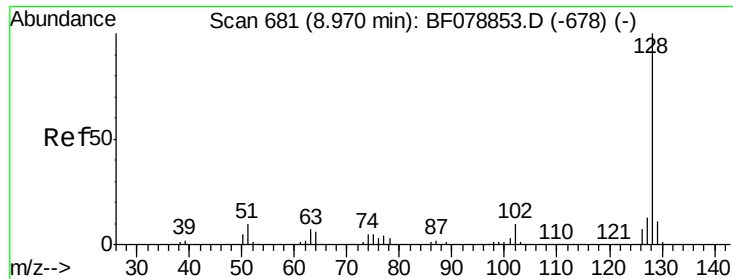
#30
1,2,4-Trichlorobenzene
Concen: 36.07 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.9	118.3
145	27.5	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

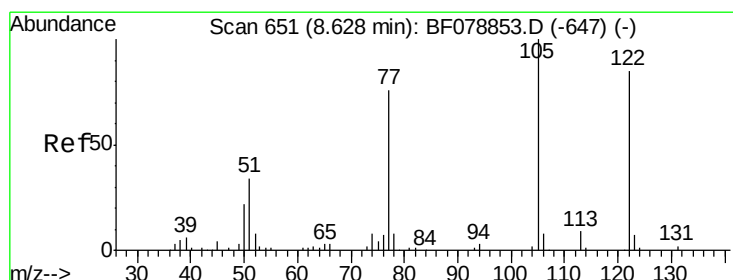
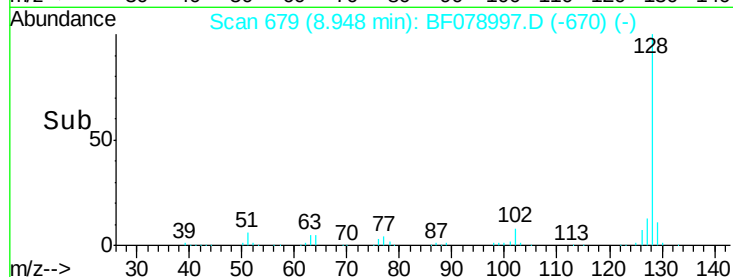
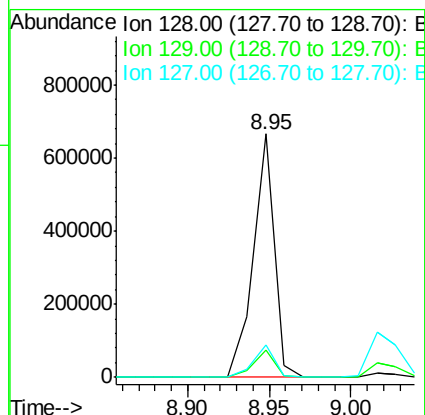
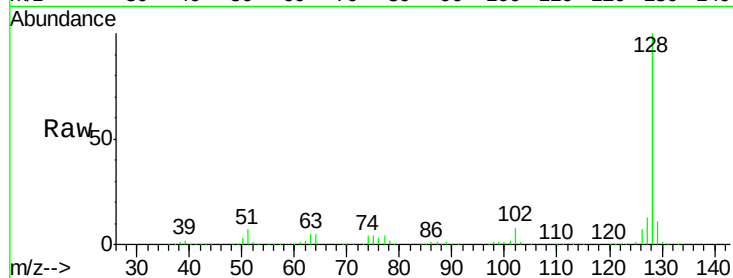




#31
Naphthalene
Concen: 37.27 ng
RT: 8.95 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

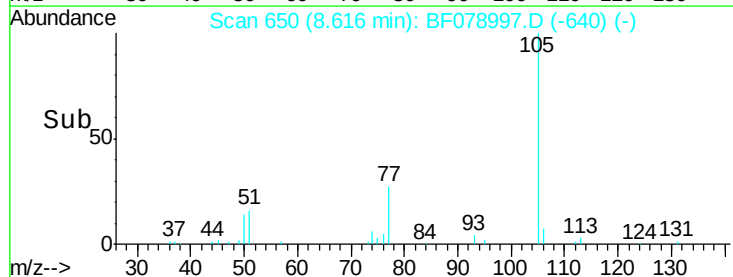
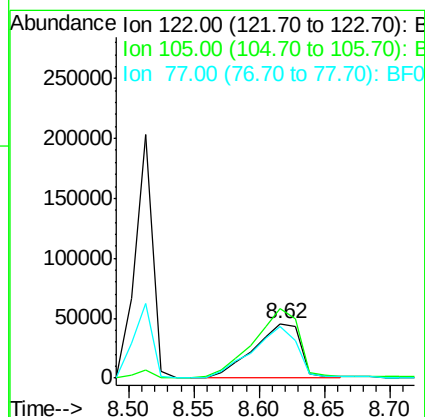
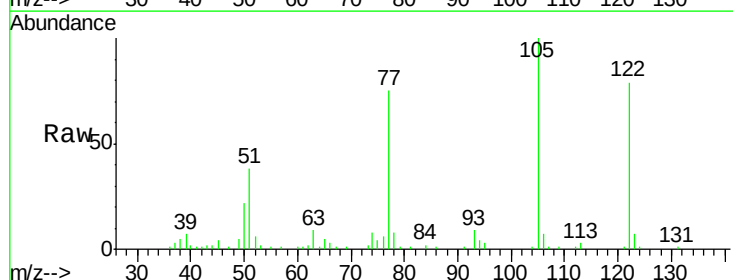
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

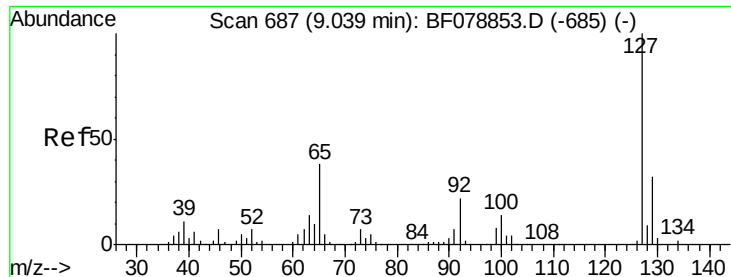
Tgt Ion:128 Resp: 592267
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 39.64 ng
RT: 8.62 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:122 Resp: 114493
Ion Ratio Lower Upper
122 100
105 126.1 107.1 147.1
77 94.8 73.9 113.9

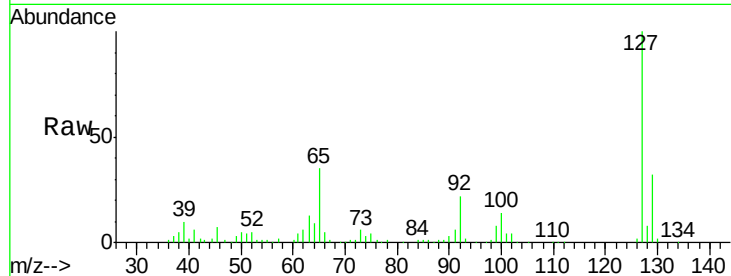




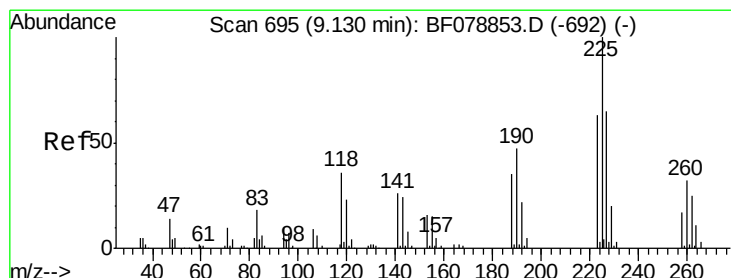
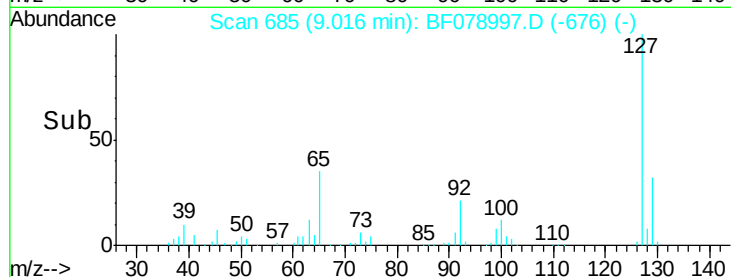
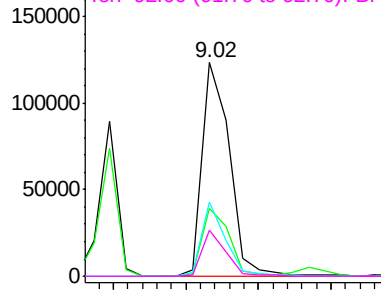
#33
4-Chloroaniline
Concen: 24.04 ng
RT: 9.02 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tgt Ion:	127	Resp:	161601
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	35.0	25.8	38.6
92	21.7	15.5	23.3

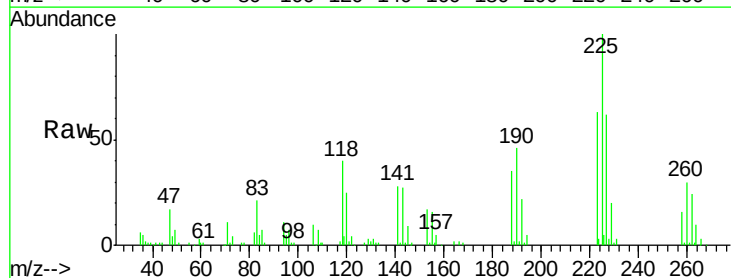


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

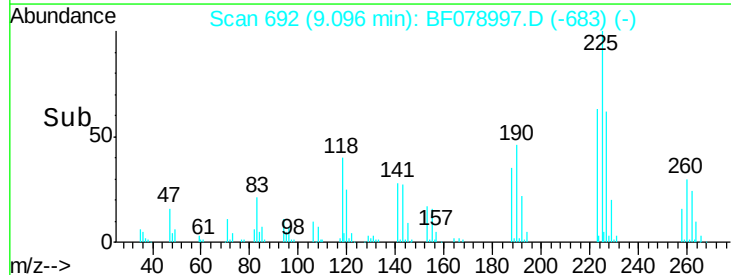
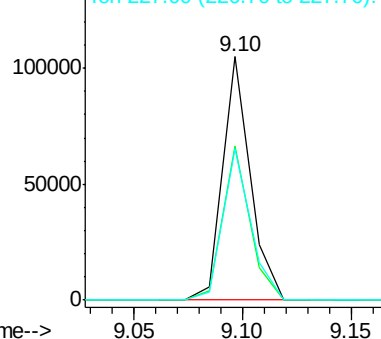


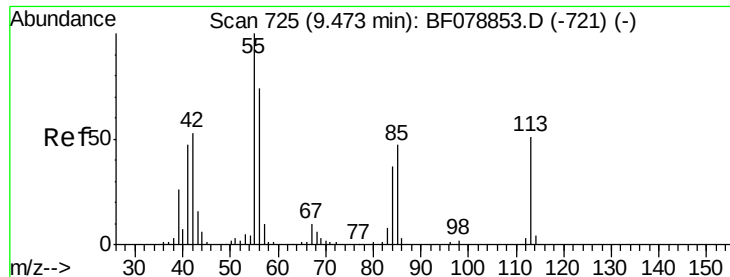
#34
Hexachlorobutadiene
Concen: 34.53 ng
RT: 9.10 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:	225	Resp:	92525
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.2	72.4
227	62.4	51.4	77.0



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

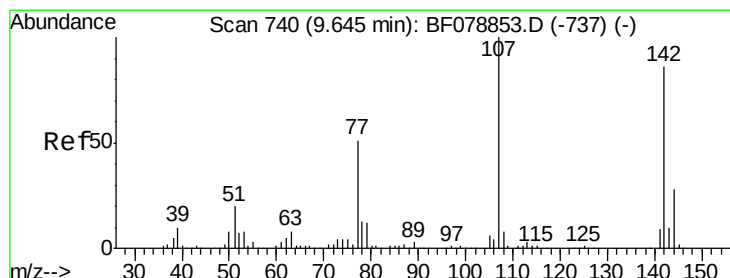
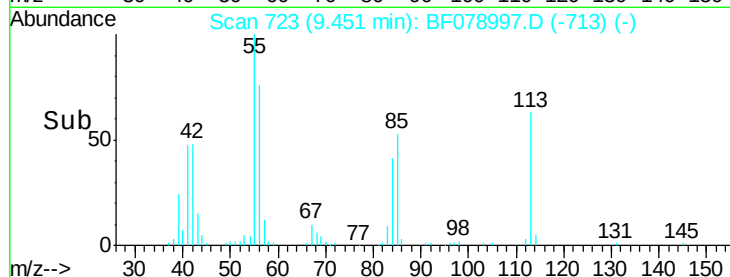
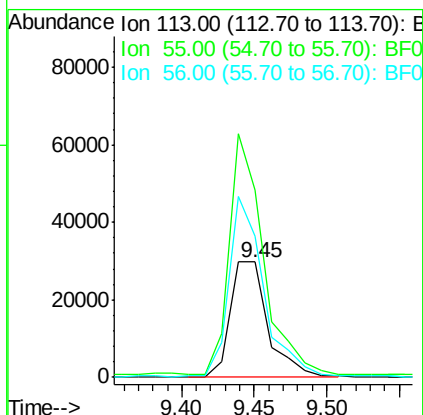
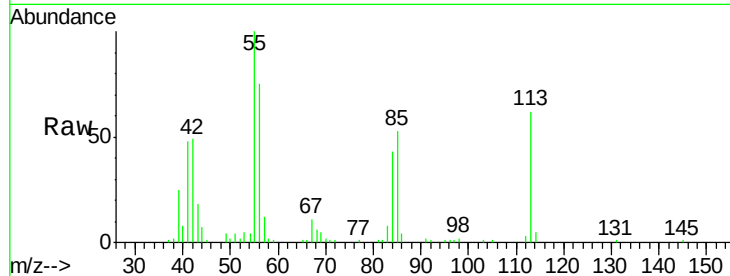




#35
 Caprolactam
 Concen: 39.68 ng
 RT: 9.45 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

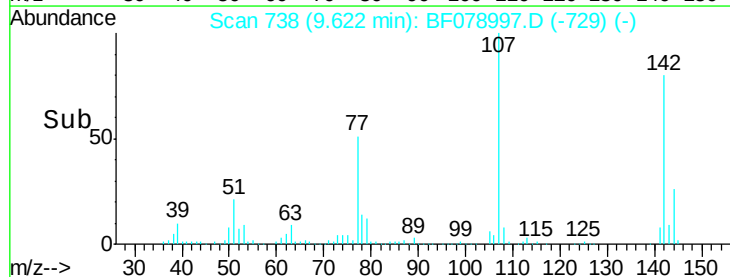
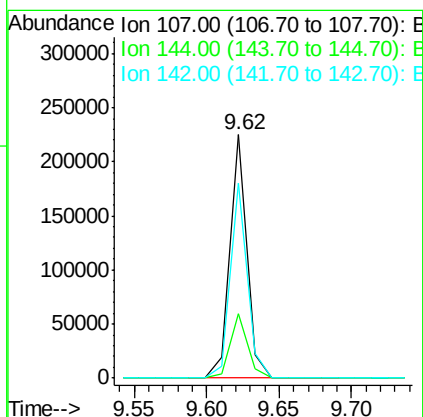
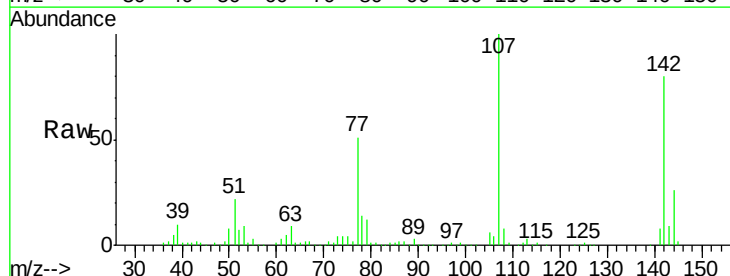
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

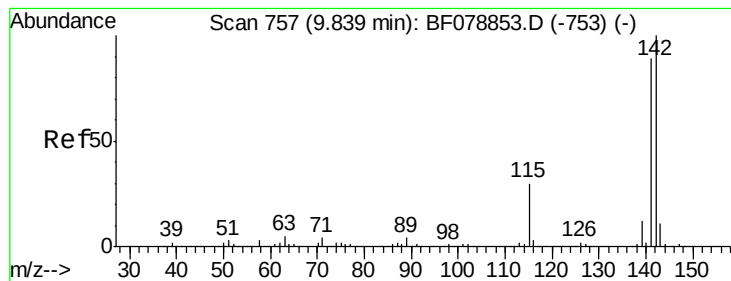
Tgt Ion:113 Resp: 54355
 Ion Ratio Lower Upper
 113 100
 55 161.9 169.7 209.7#
 56 121.8 122.5 162.5#



#36
 4-Chloro-3-methylphenol
 Concen: 41.42 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:107 Resp: 184267
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.8 29.6
 142 80.3 60.6 91.0

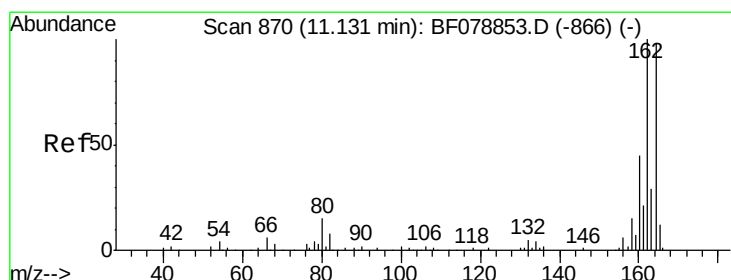
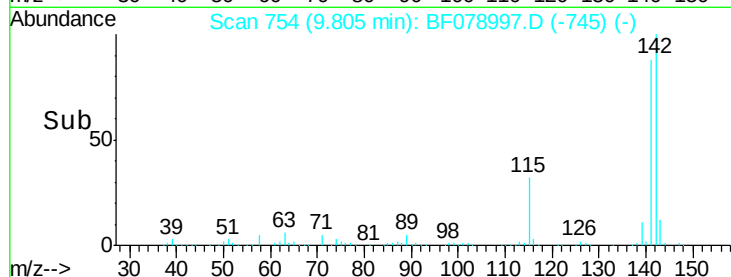
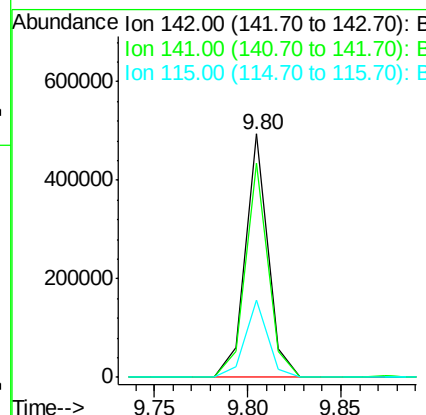
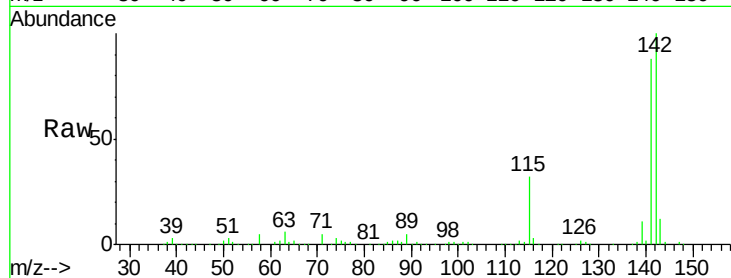




#37
 2-Methylnaphthalene
 Concen: 38.12 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

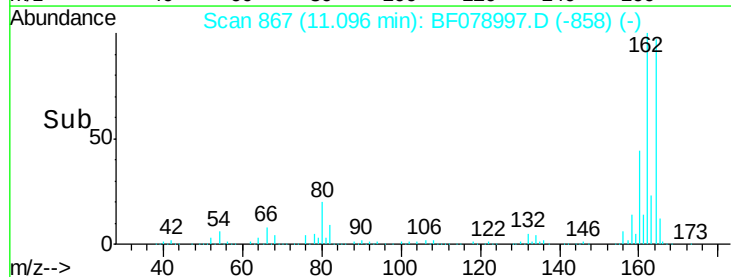
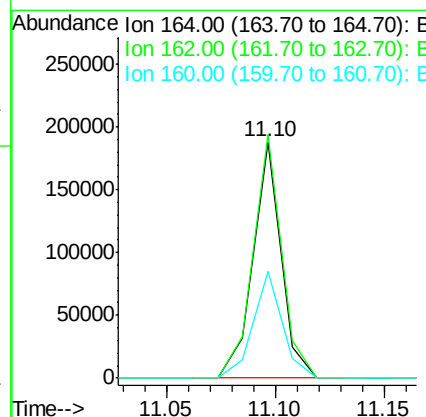
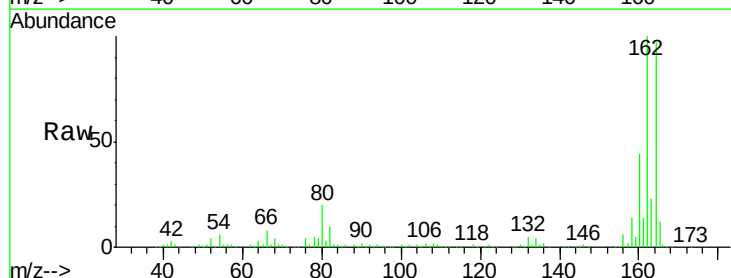
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

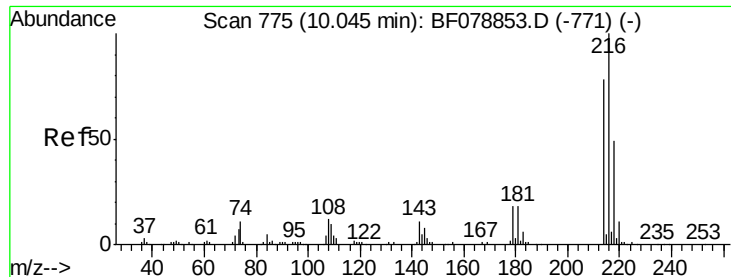
Tgt Ion:142 Resp: 419690
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.9 106.3
 115 31.8 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:164 Resp: 168111
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.7 124.1
 160 45.3 35.8 53.8

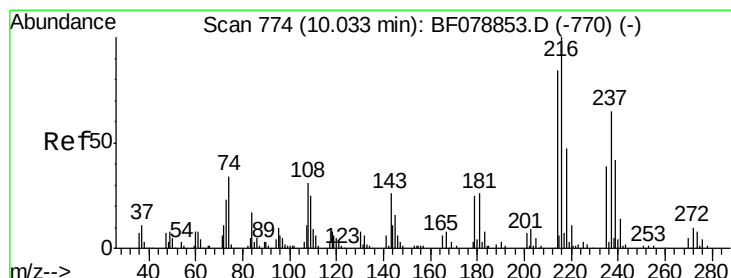
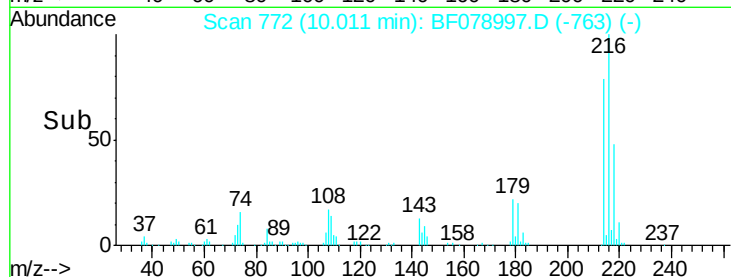
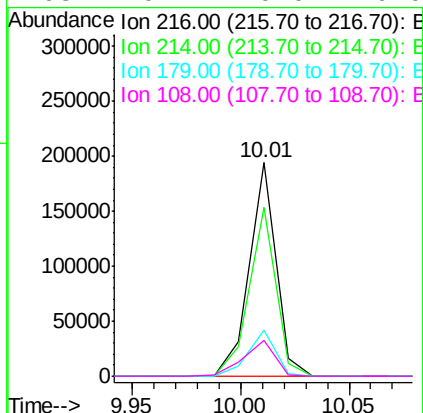
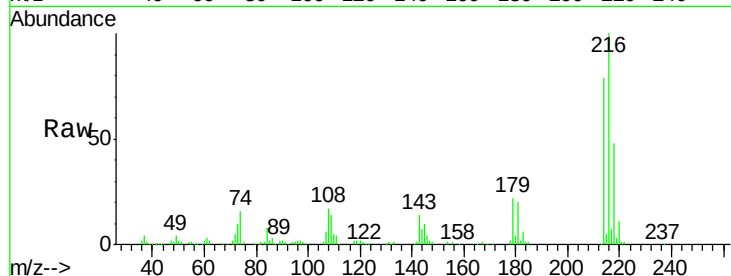




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.11 ng
 RT: 10.01 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

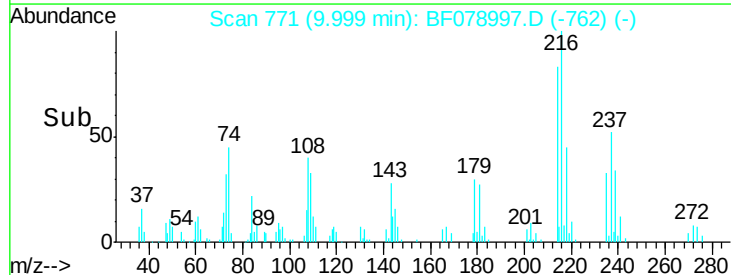
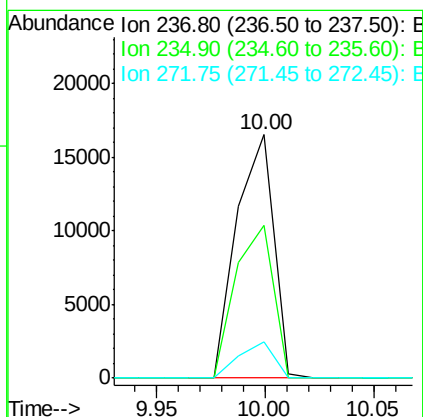
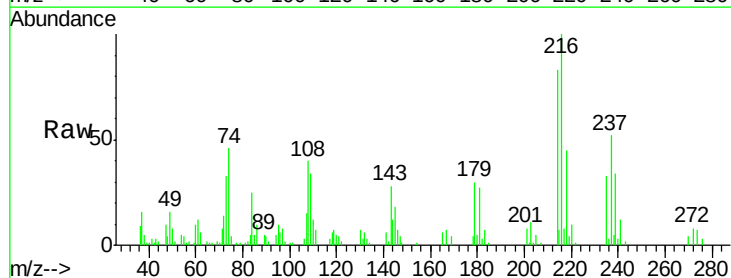
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

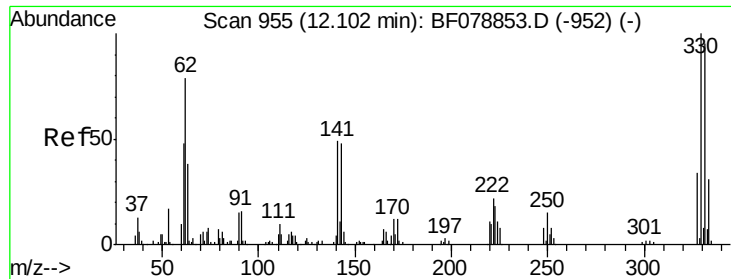
Tgt Ion:	216	Resp:	166255
Ion	Ratio	Lower	Upper
216	100		
214	79.1	0.0	0.0#
179	22.4	0.0	0.0#
108	19.7	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 8.23 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:	237	Resp:	19585
Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.7	84.7
272	15.1	0.0	32.6

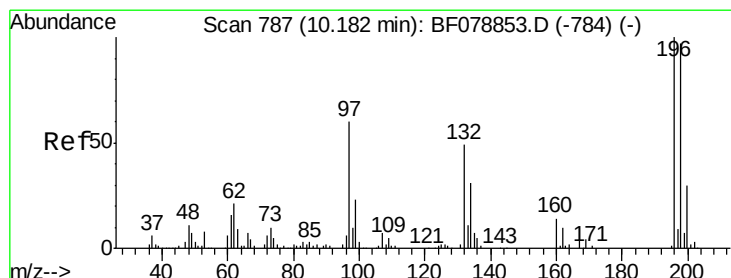
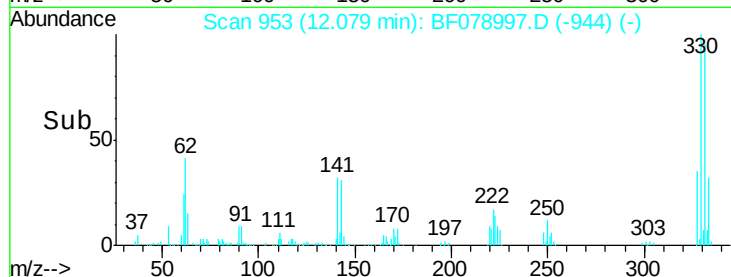
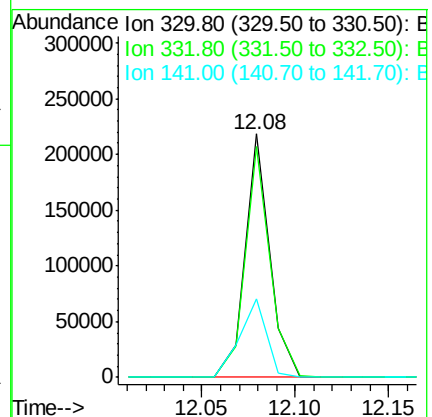
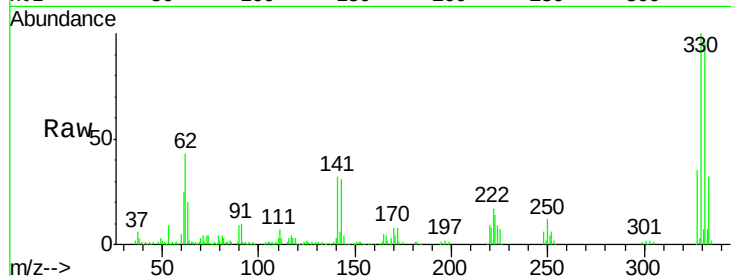




#41
 2,4,6-Tribromophenol
 Concen: 110.47 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

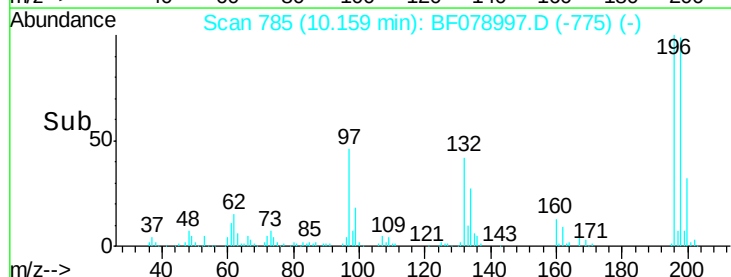
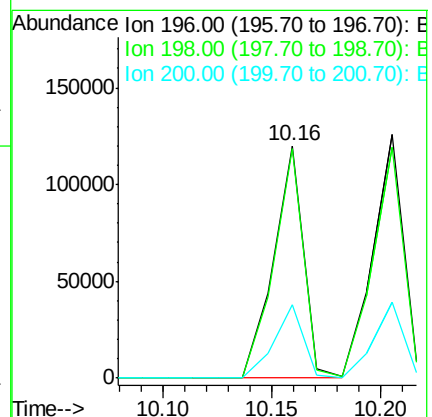
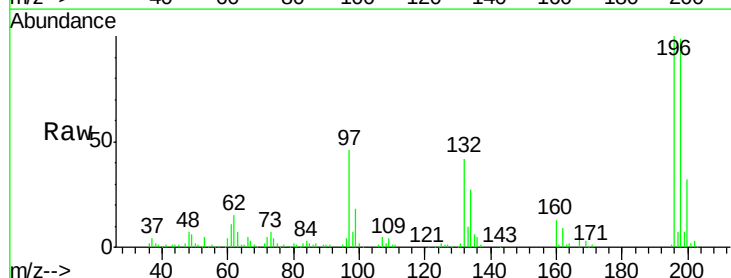
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

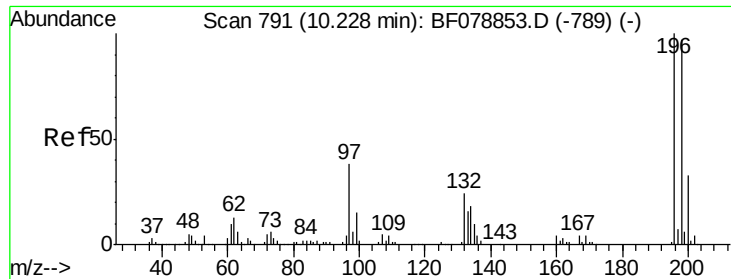
Tgt Ion:330 Resp: 200913
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 35.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 35.81 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:196 Resp: 116577
 Ion Ratio Lower Upper
 196 100
 198 98.6 80.5 120.7
 200 31.6 24.9 37.3

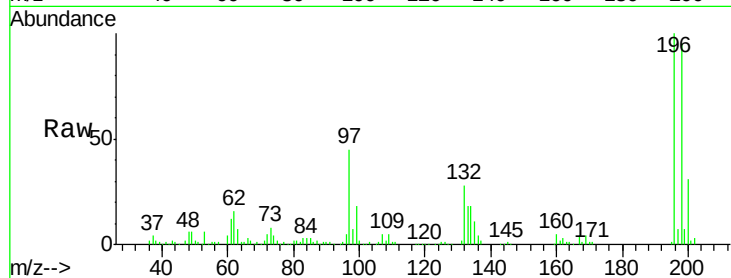




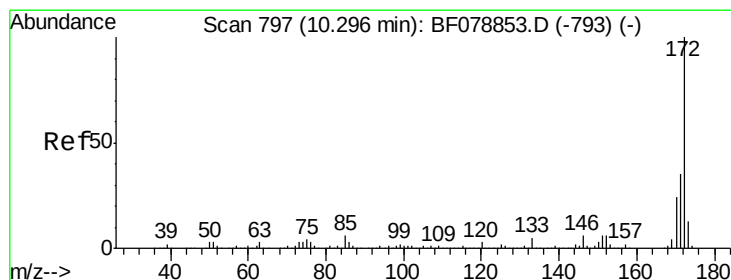
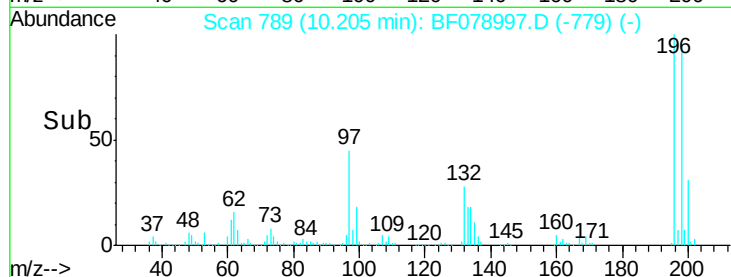
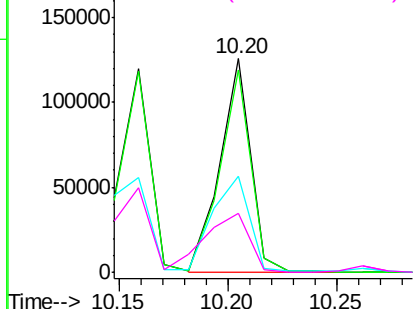
#43
 2,4,5-Trichlorophenol
 Concen: 37.57 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tgt Ion:	196	Resp:	123635
Ion	Ratio	Lower	Upper
196	100		
198	94.7	79.8	119.6
97	45.1	46.0	69.0#
132	27.6	26.6	40.0

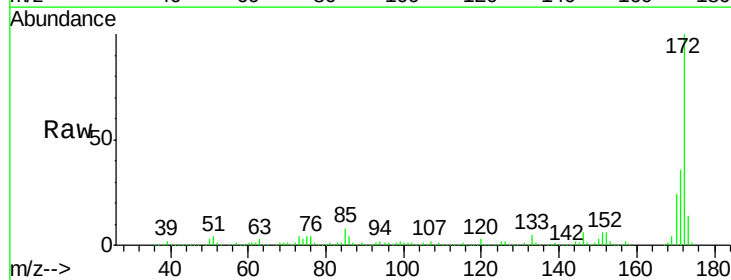


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

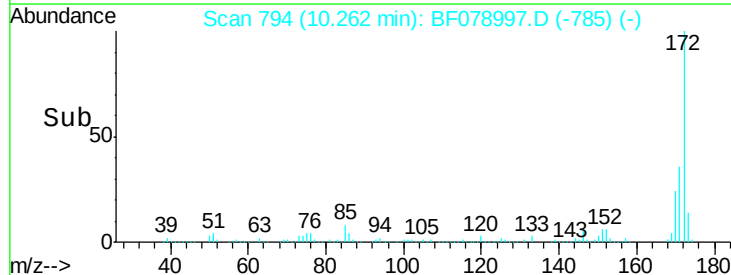
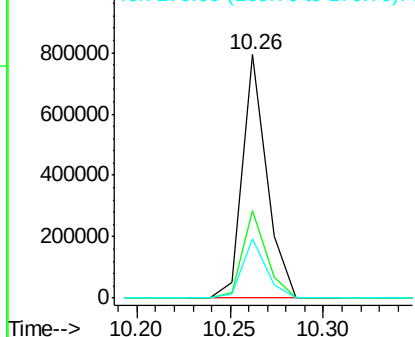


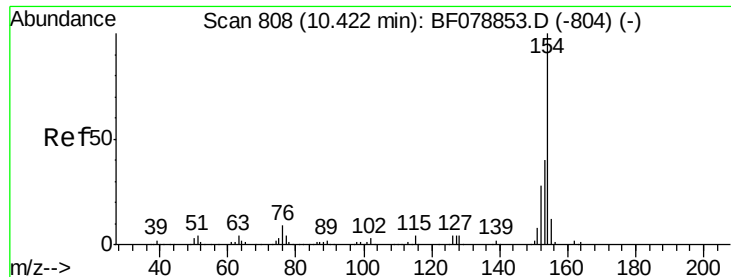
#44
 2-Fluorobiphenyl
 Concen: 59.64 ng
 RT: 10.26 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:	172	Resp:	719597
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.4	19.4	29.0



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

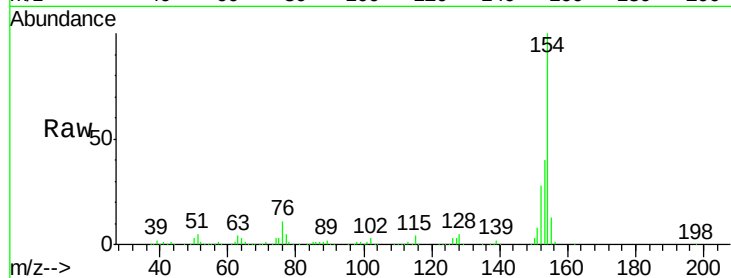




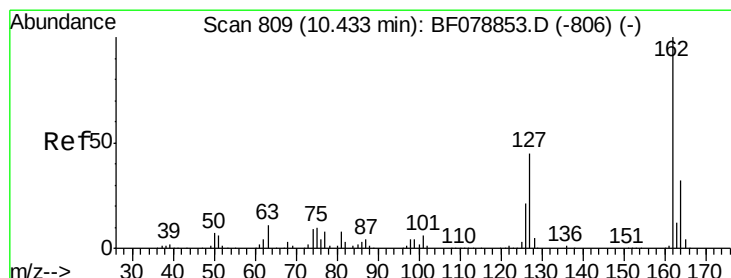
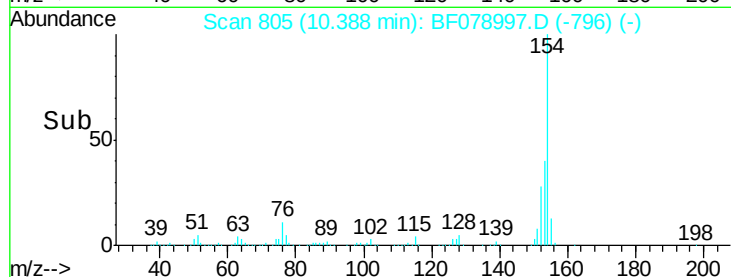
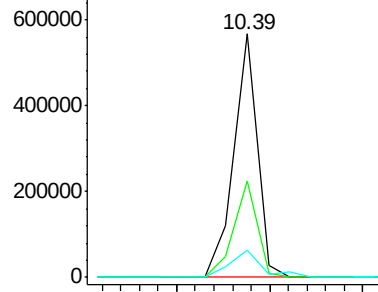
#45
 1,1'-Biphenyl
 Concen: 36.72 ng
 RT: 10.39 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tgt Ion:154 Resp: 490721
 Ion Ratio Lower Upper
 154 100
 153 39.8 19.9 59.9
 76 11.3 0.0 35.0

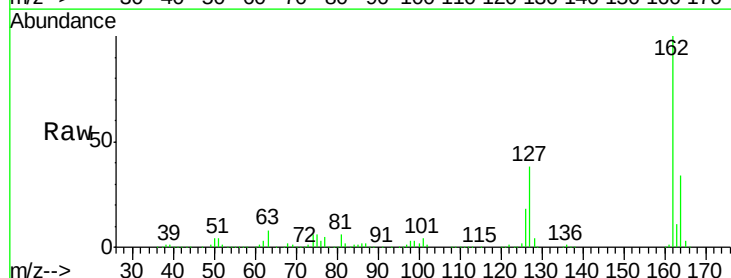


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

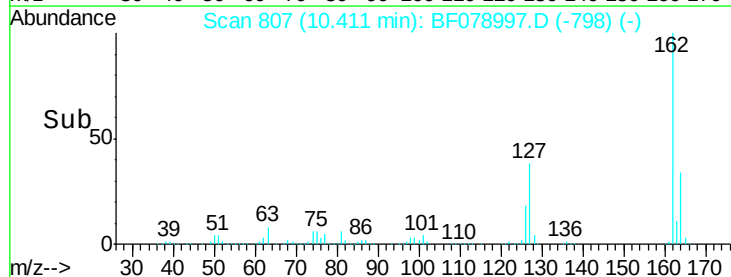
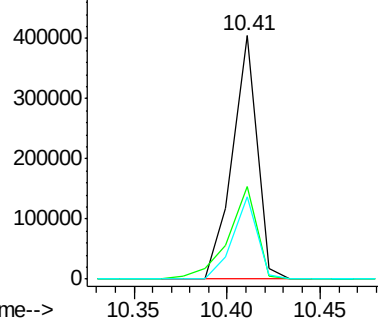


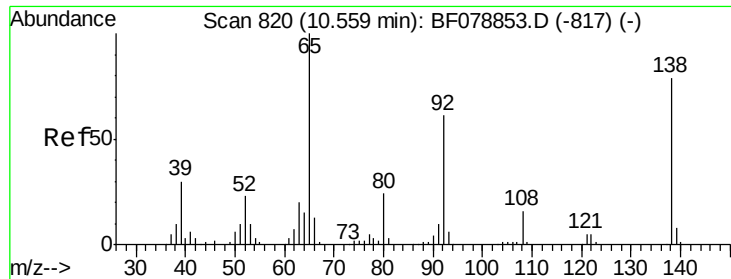
#46
 2-Chloronaphthalene
 Concen: 35.58 ng
 RT: 10.41 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:162 Resp: 370899
 Ion Ratio Lower Upper
 162 100
 127 38.2 33.9 50.9
 164 33.6 26.3 39.5



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

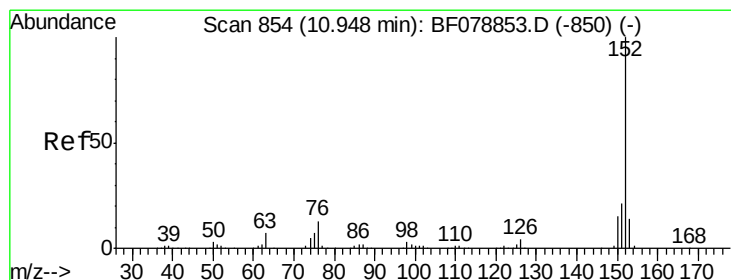
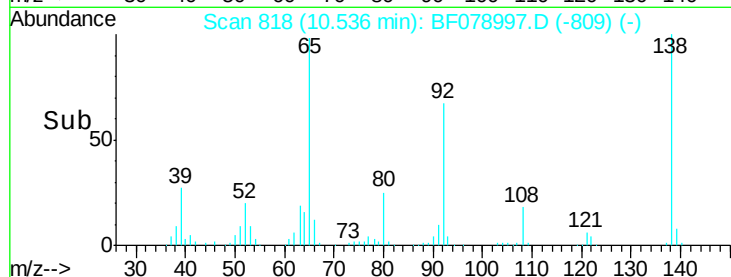
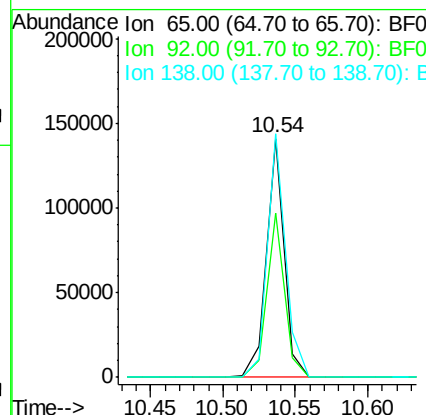
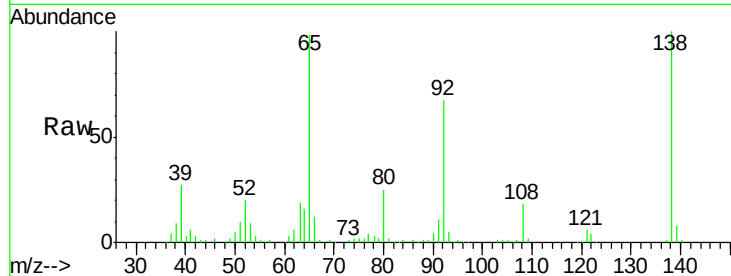




#47
 2-Nitroaniline
 Concen: 39.70 ng
 RT: 10.54 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

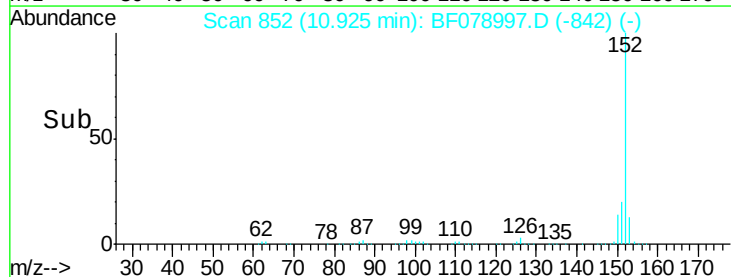
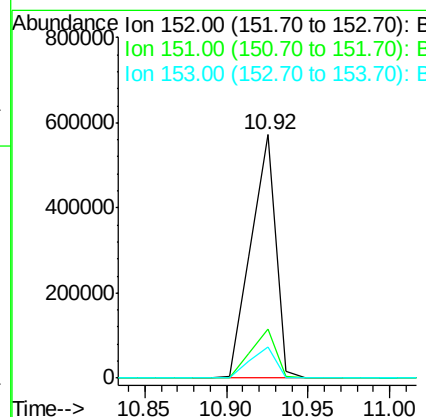
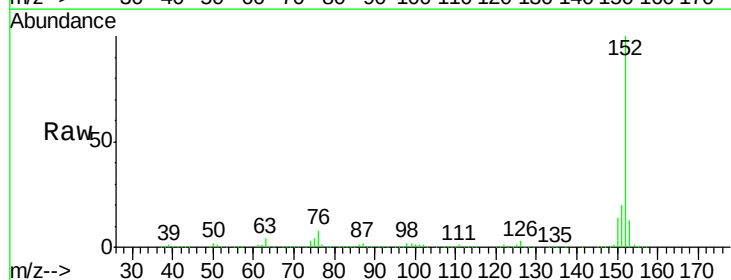
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

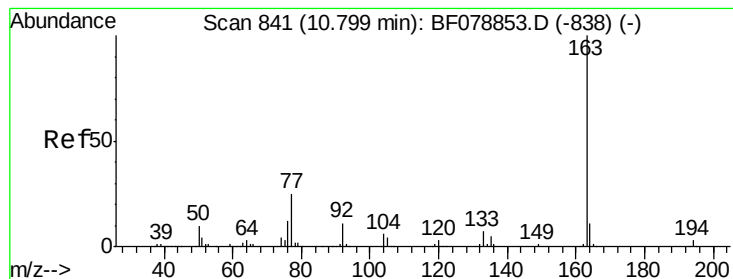
Tgt Ion: 65 Resp: 119902
 Ion Ratio Lower Upper
 65 100
 92 68.5 54.0 81.0
 138 101.8 75.0 112.6



#48
 Acenaphthylene
 Concen: 35.32 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion: 152 Resp: 604456
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4
 153 12.9 10.9 16.3





#49

Dimethylphthalate

Concen: 37.69 ng

RT: 10.78 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

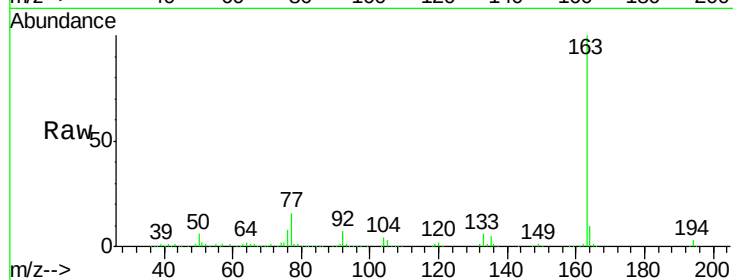
Tgt Ion:163 Resp: 465023

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

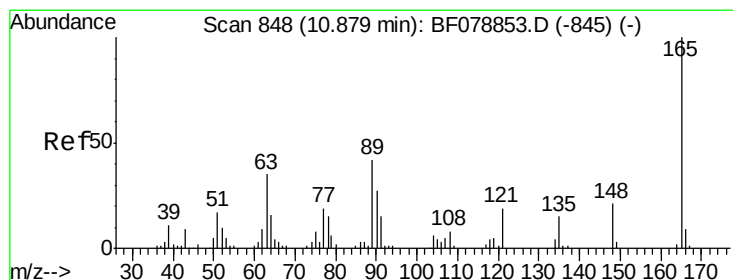
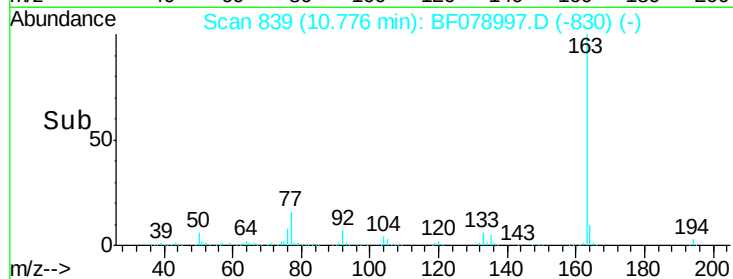
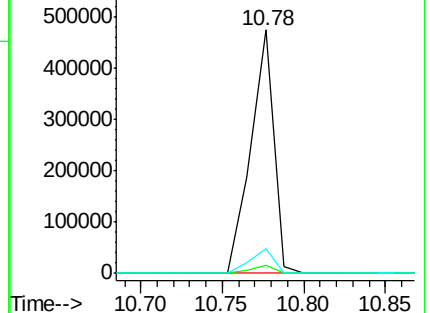
164 10.1 8.1 12.1



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: 35.23 ng

RT: 10.84 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

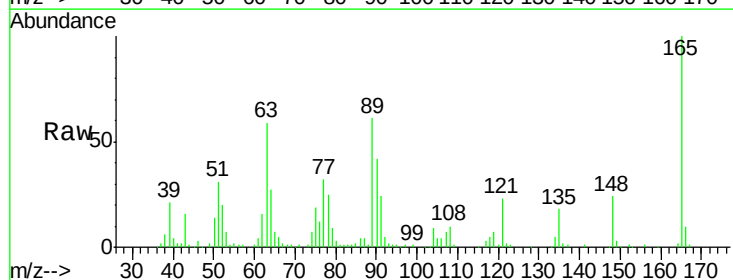
Tgt Ion:165 Resp: 85785

Ion Ratio Lower Upper

165 100

63 58.8 54.4 81.6

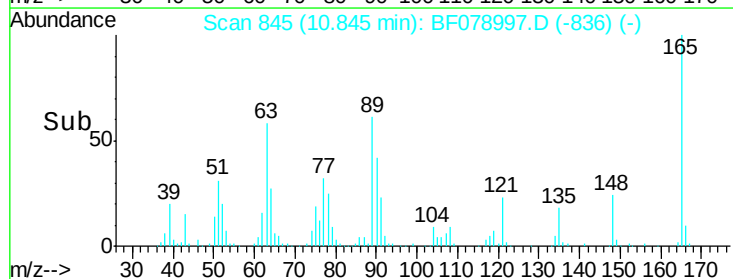
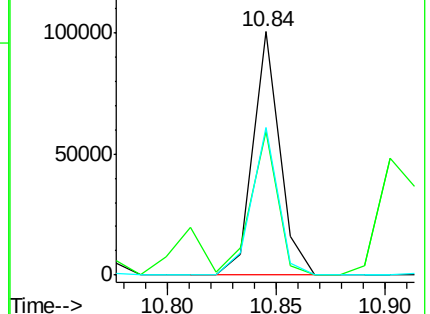
89 60.8 55.7 83.5

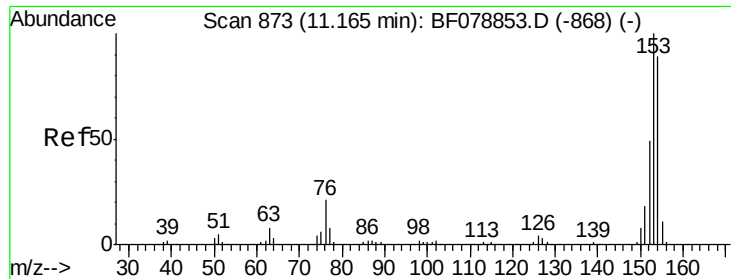


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.77 ng

RT: 11.14 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

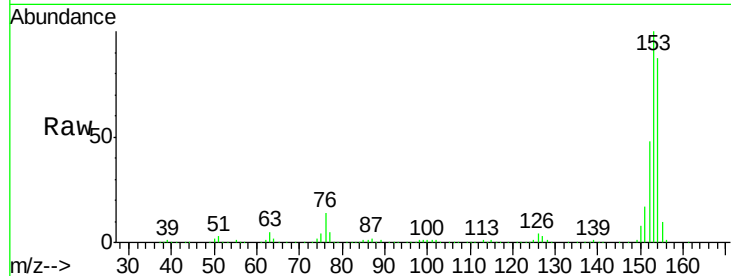
Tgt Ion:154 Resp: 344693

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

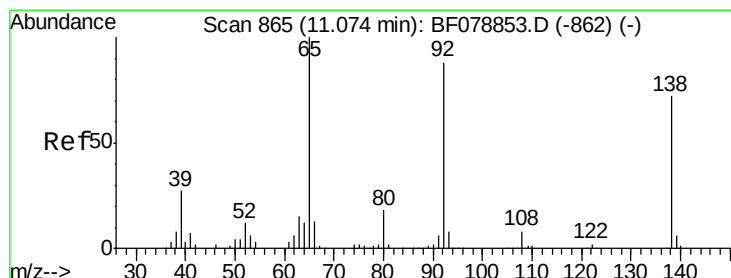
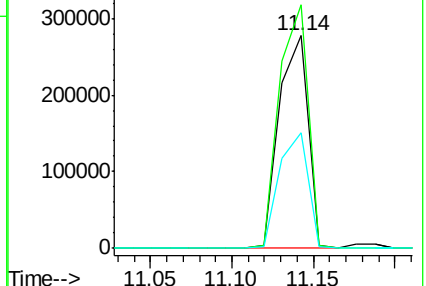
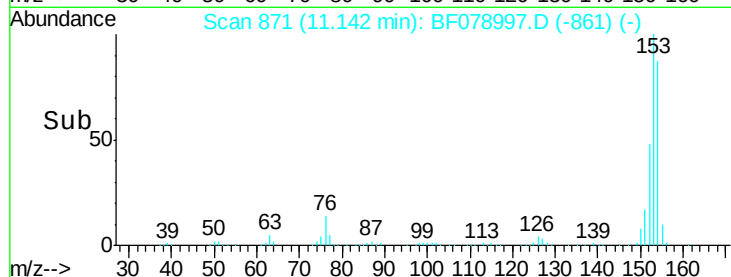
152 54.6 44.2 66.4



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: 32.09 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

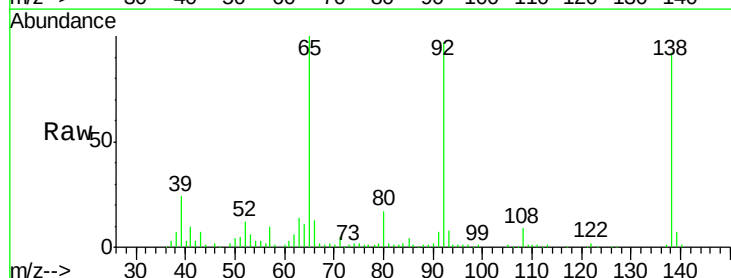
Tgt Ion:138 Resp: 97611

Ion Ratio Lower Upper

138 100

108 10.2 10.6 16.0#

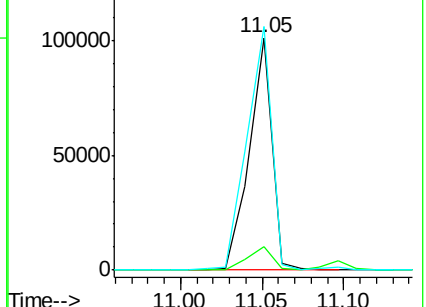
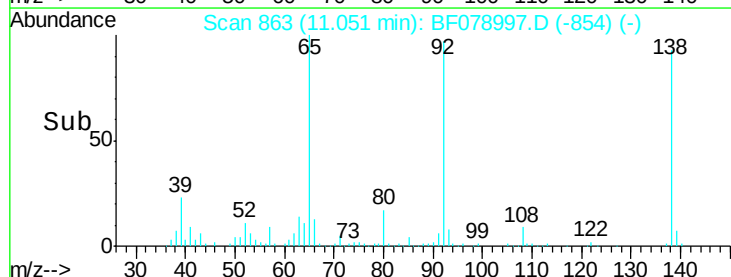
92 104.8 81.8 122.6

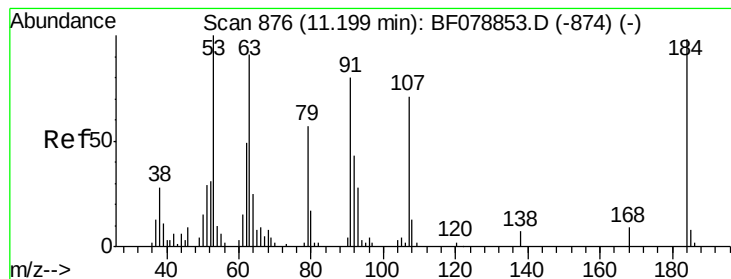


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 22.70 ng

RT: 11.19 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

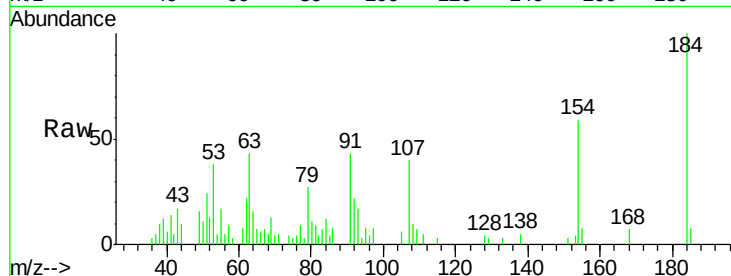
Tgt Ion:184 Resp: 11864

Ion Ratio Lower Upper

184 100

63 42.8 63.3 94.9#

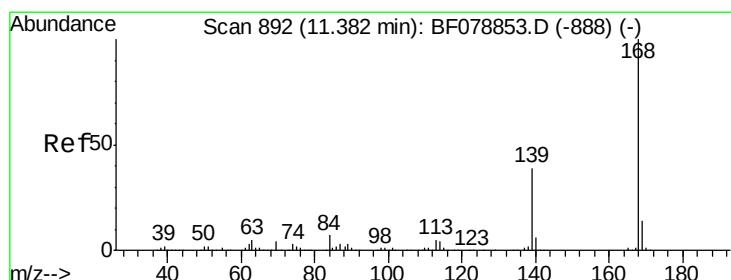
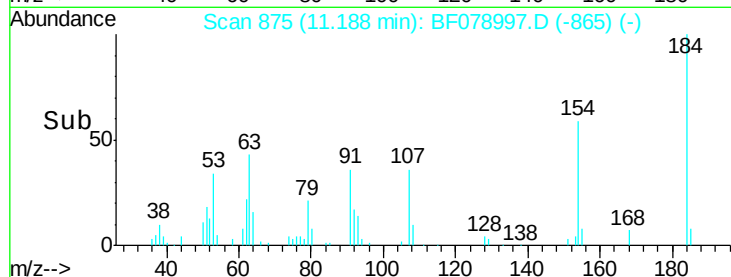
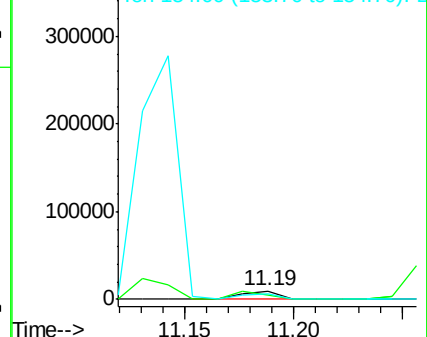
154 58.6 53.8 80.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.91 ng

RT: 11.35 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

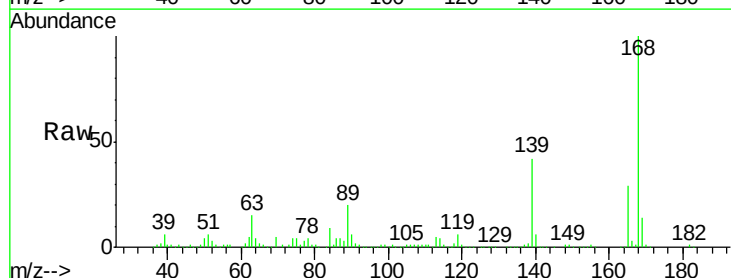
Tgt Ion:168 Resp: 529371

Ion Ratio Lower Upper

168 100

139 41.6 31.0 46.4

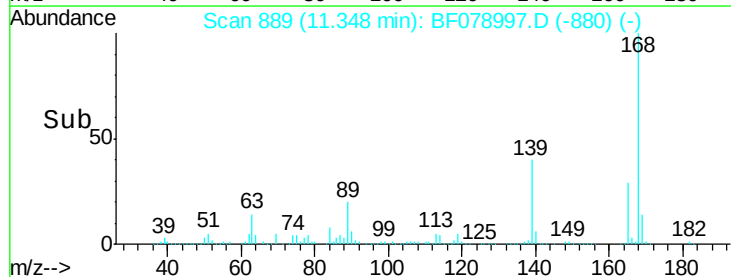
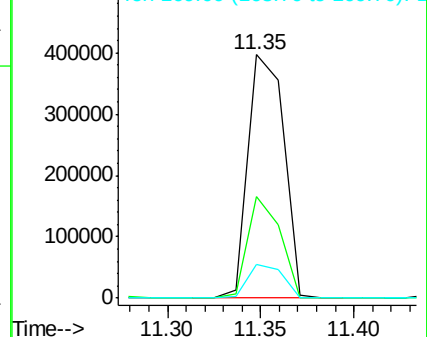
169 13.8 10.6 16.0

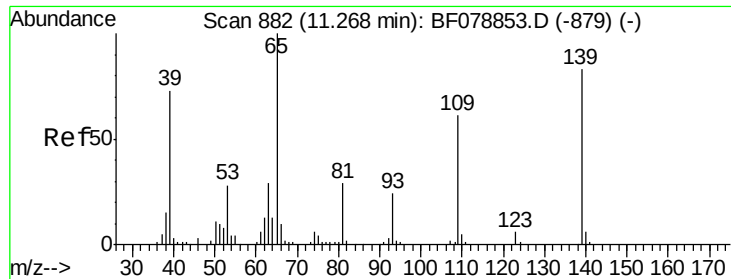


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

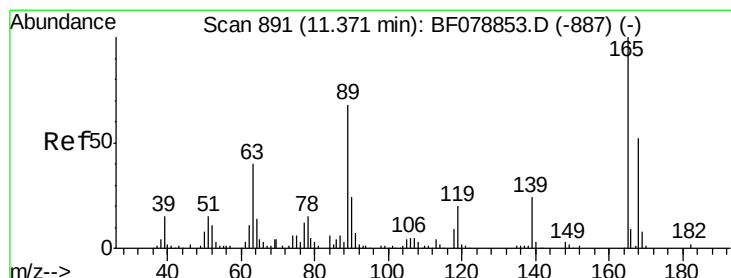
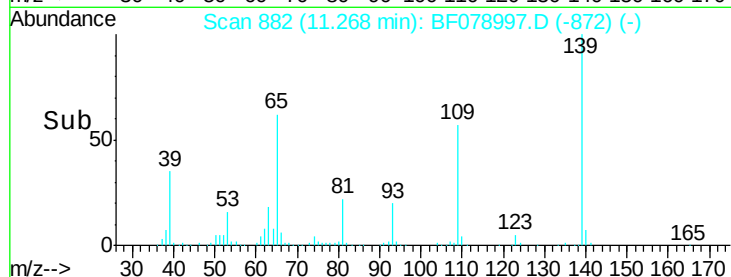
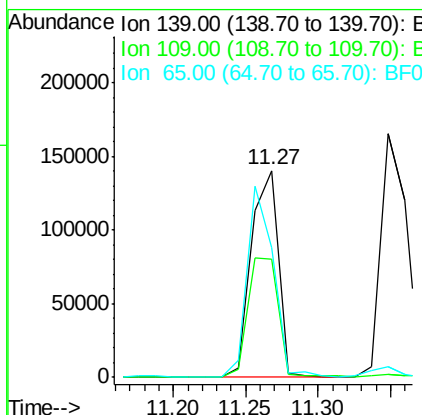
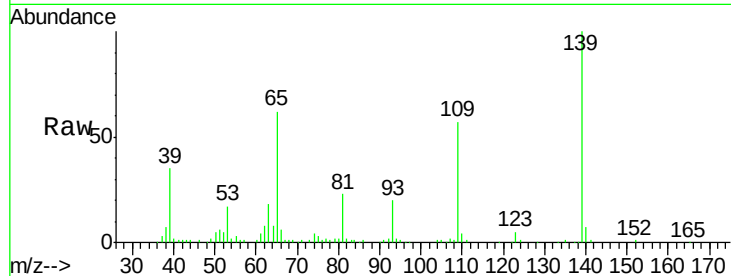




#55
4-Nitrophenol
Concen: 75.35 ng
RT: 11.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

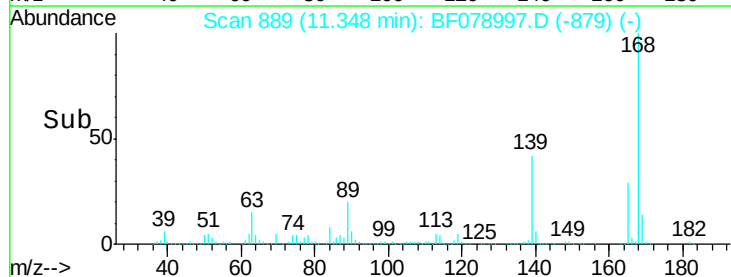
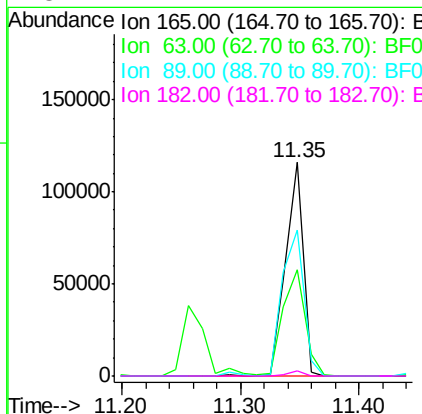
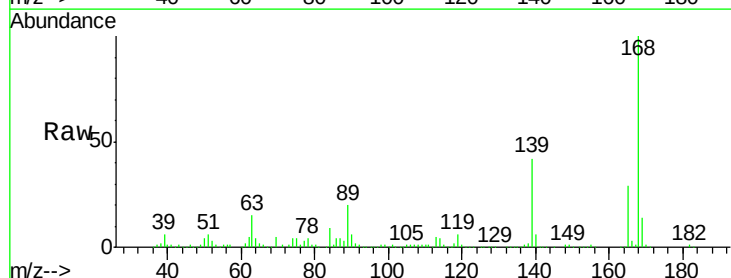
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

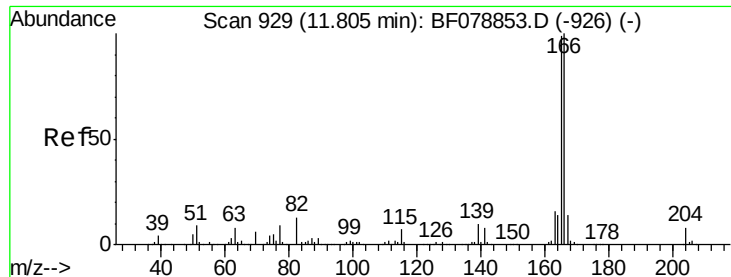
Tgt Ion:139 Resp: 181399
Ion Ratio Lower Upper
139 100
109 57.2 47.6 87.6
65 62.5 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 36.56 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:165 Resp: 117686
Ion Ratio Lower Upper
165 100
63 49.8 51.2 76.8#
89 68.5 82.7 124.1#
182 2.2 1.4 2.2#

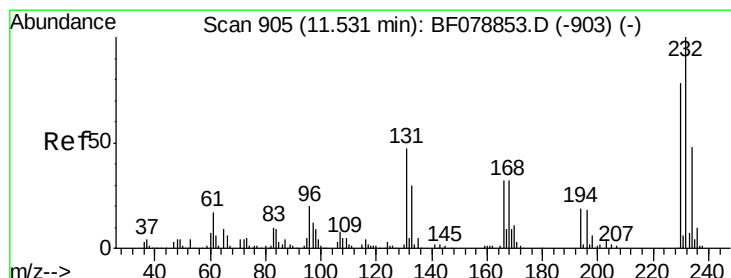
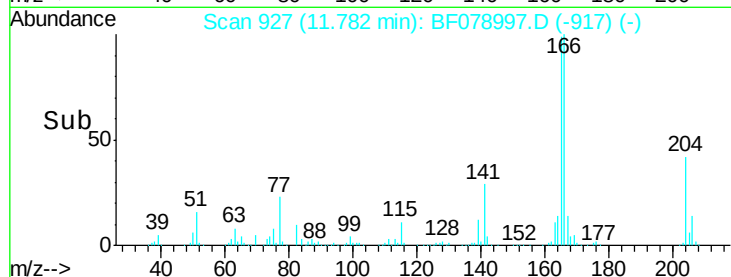
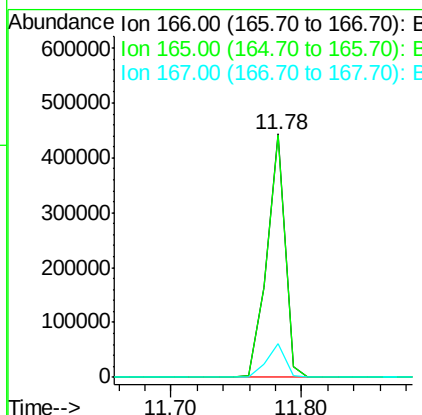
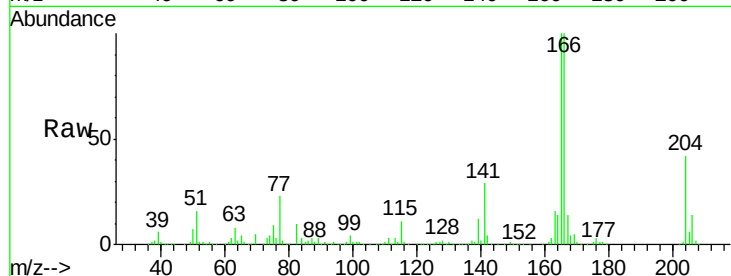




#57
 Fluorene
 Concen: 35.73 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

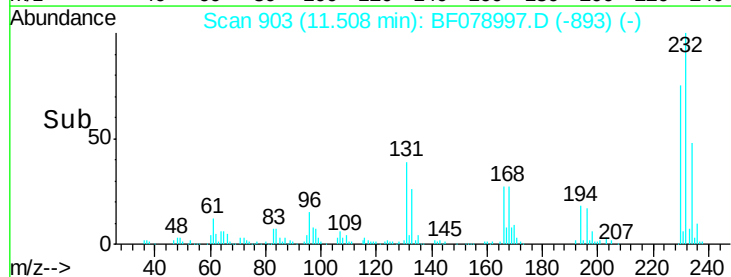
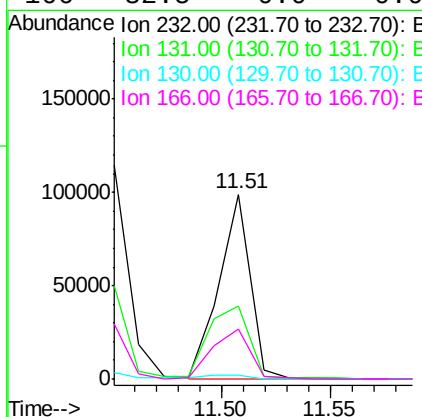
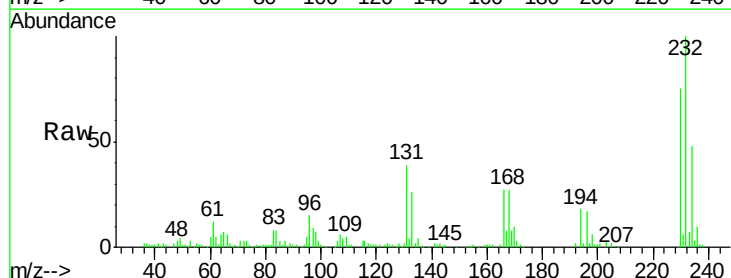
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

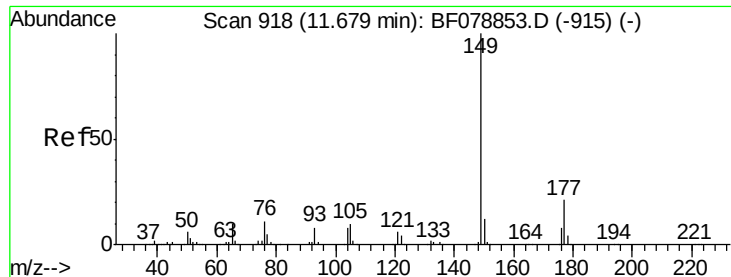
Tgt Ion:166 Resp: 432391
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.5 117.7
 167 13.6 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.58 ng
 RT: 11.51 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:232 Resp: 98361
 Ion Ratio Lower Upper
 232 100
 131 51.1 0.0 0.0#
 130 2.7 0.0 0.0#
 166 32.5 0.0 0.0#

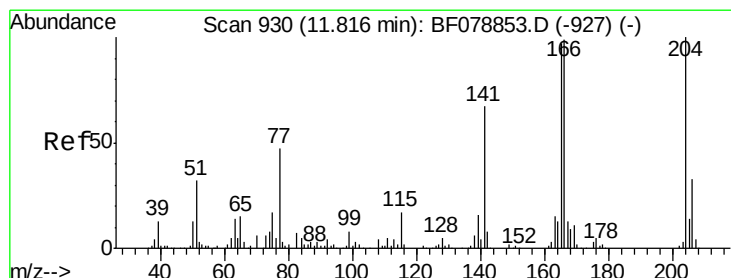
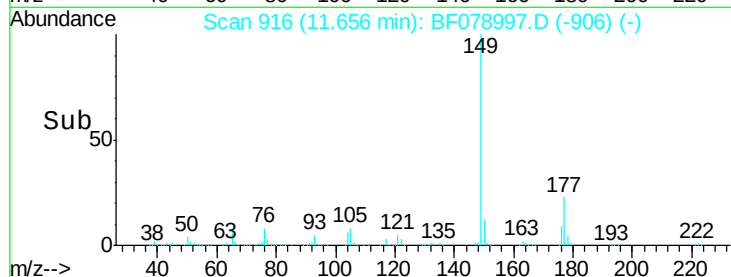
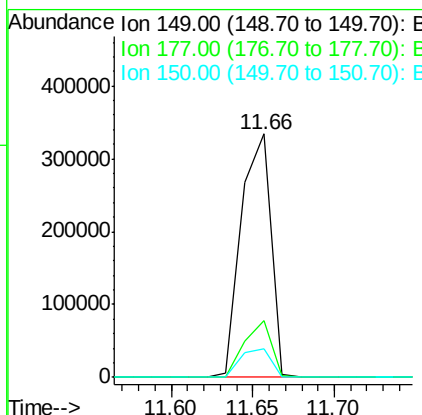
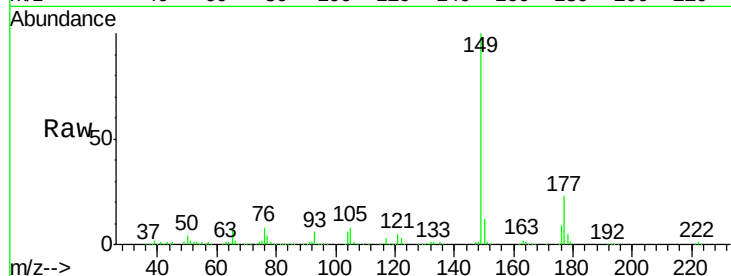




#59
Diethylphthalate
Concen: 34.40 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

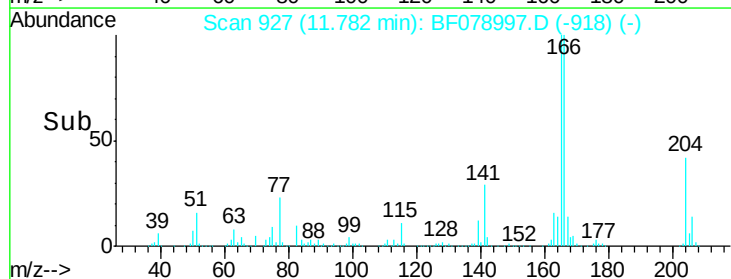
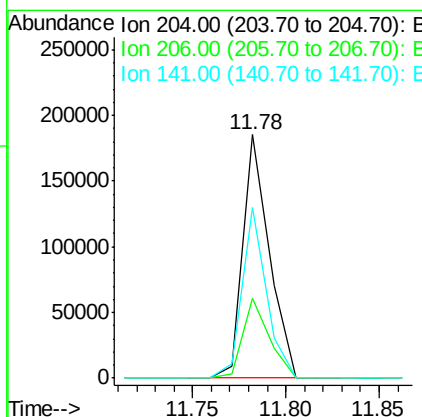
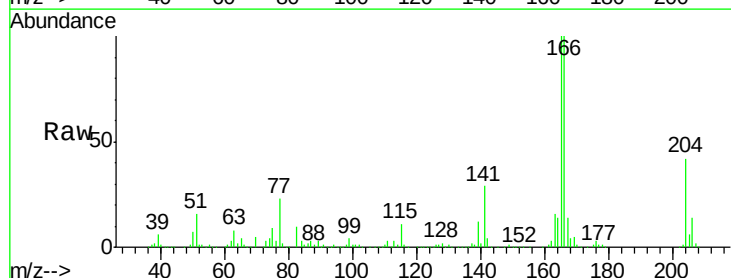
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

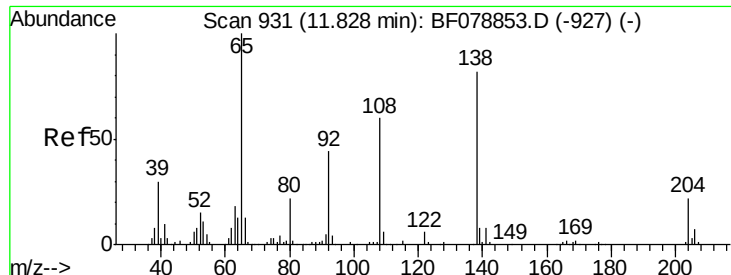
Tgt Ion:149 Resp: 420444
Ion Ratio Lower Upper
149 100
177 23.2 17.5 26.3
150 11.9 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 34.00 ng
RT: 11.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:204 Resp: 182536
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 69.9 48.3 72.5





#61

4-Nitroaniline

Concen: 34.66 ng

RT: 11.81 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

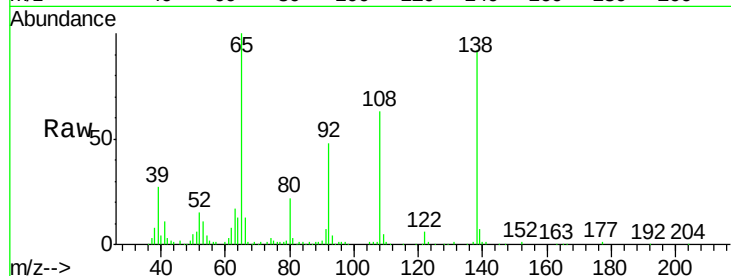
Tgt Ion:138 Resp: 105467

Ion Ratio Lower Upper

138 100

92 51.9 28.0 68.0

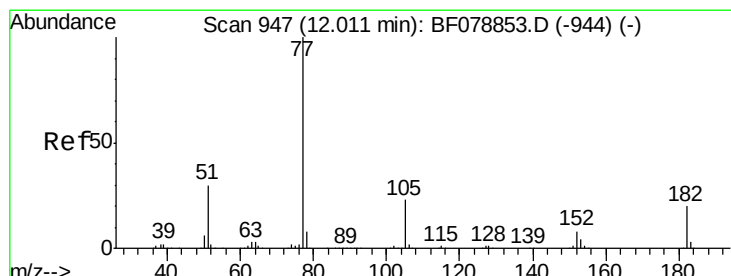
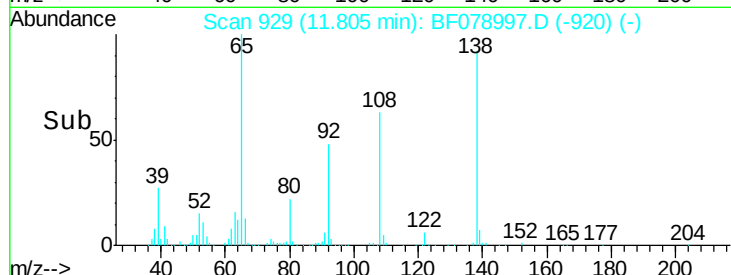
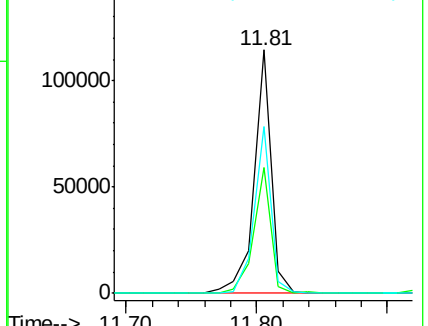
108 68.7 56.3 96.3



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: 35.57 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Tgt Ion: 77 Resp: 428368

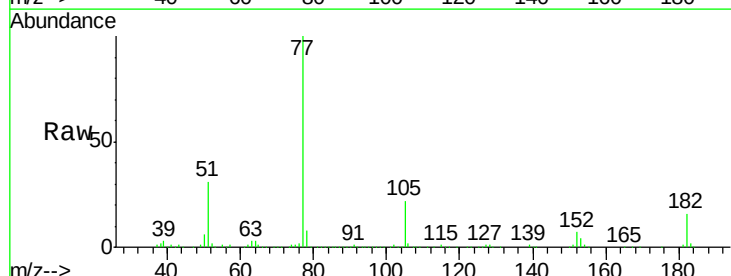
Ion Ratio Lower Upper

77 100

182 15.8 3.8 43.8

105 21.8 3.9 43.9

51 30.9 10.8 50.8

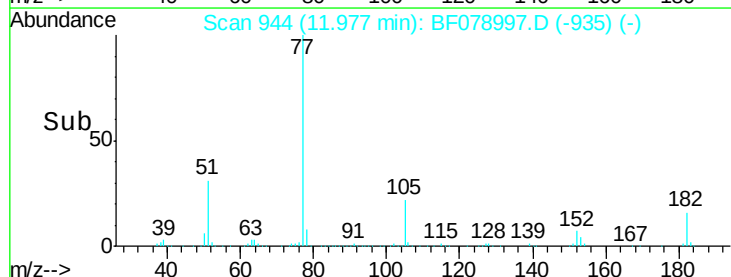
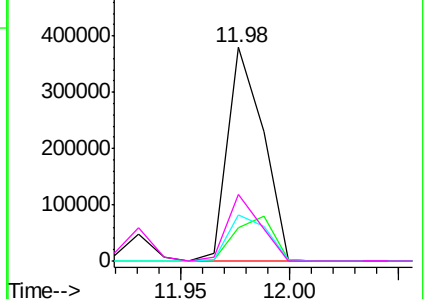


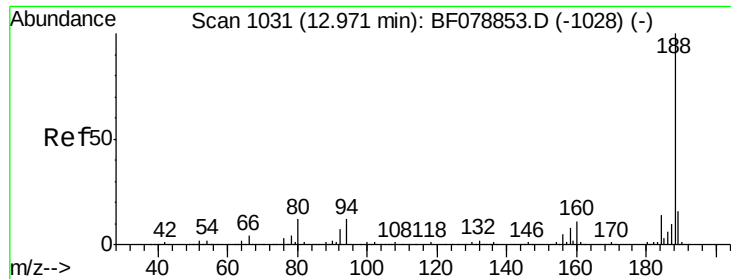
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

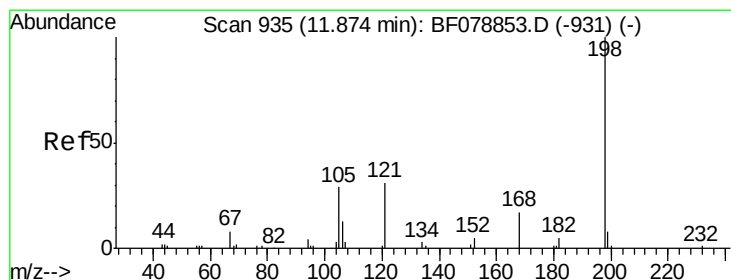
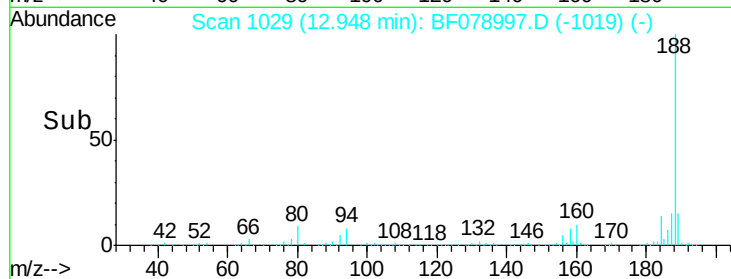
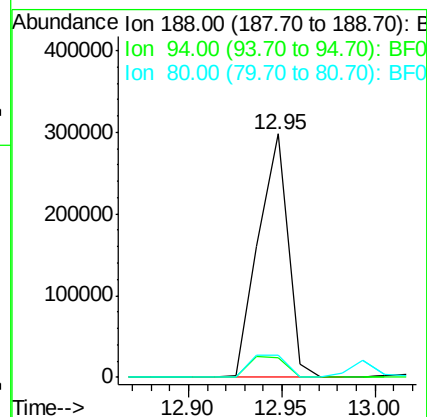
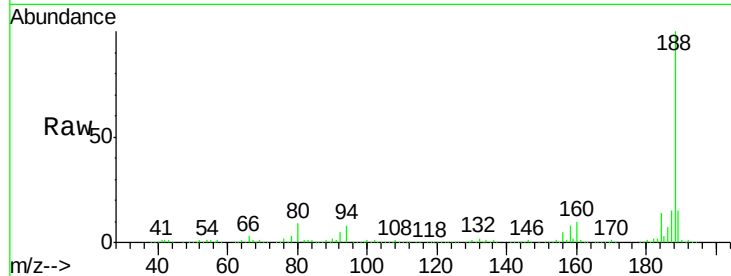




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

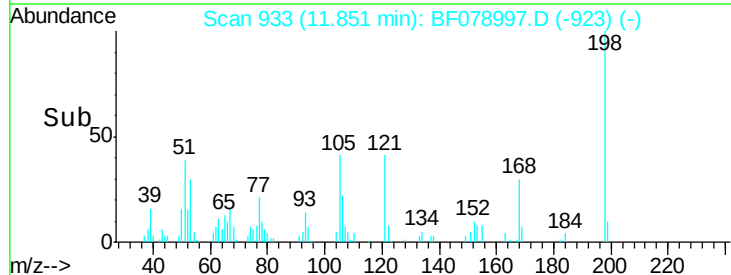
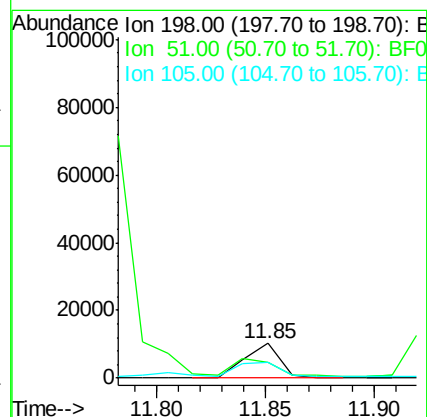
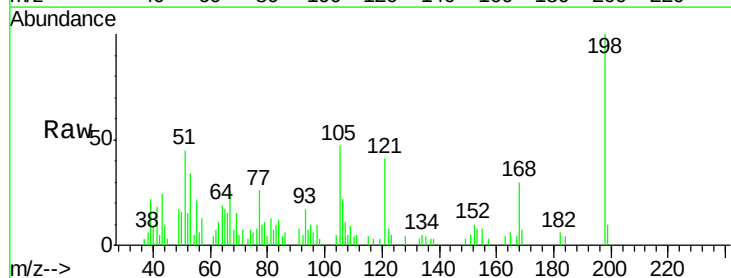
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

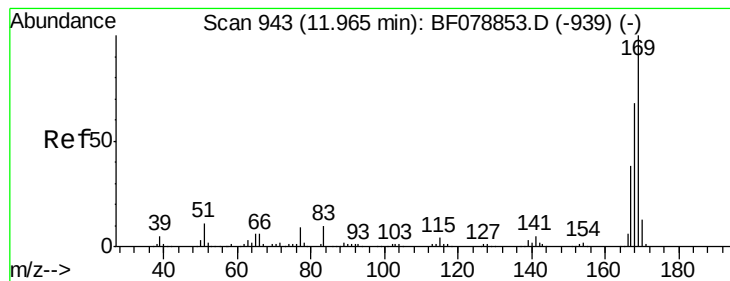
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.1	8.9	13.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.29 ng
 RT: 11.85 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.0	47.3	87.3#
105	46.6	38.8	78.8

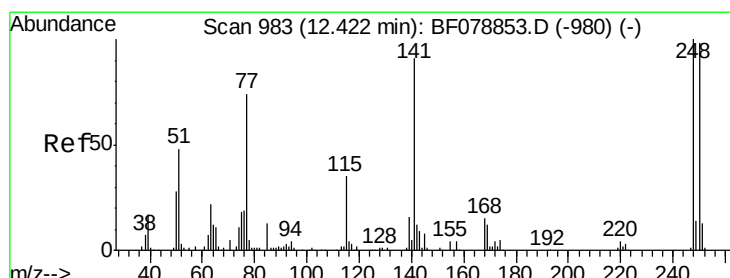
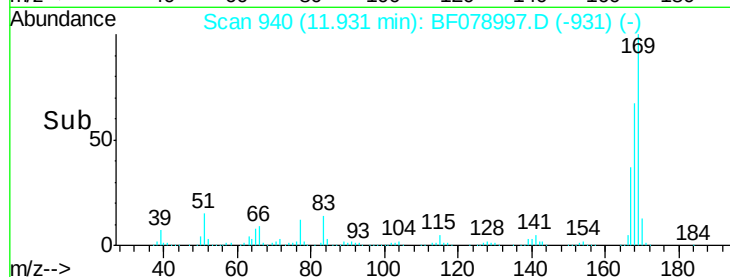
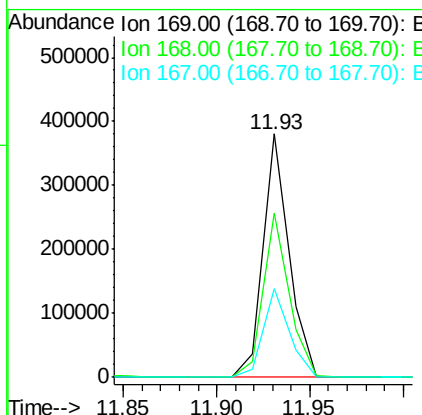
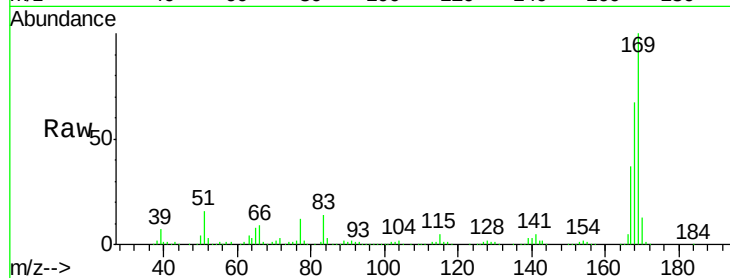




#65
 n-Nitrosodiphenylamine
 Concen: 33.34 ng
 RT: 11.93 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

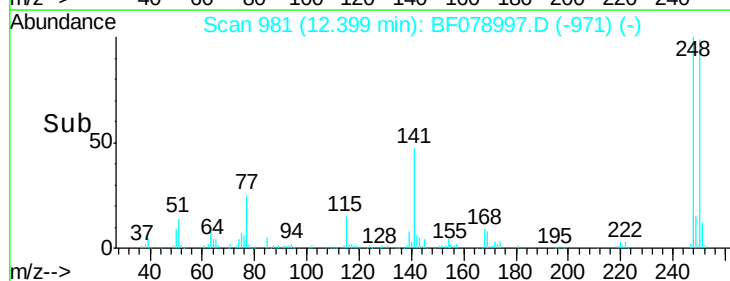
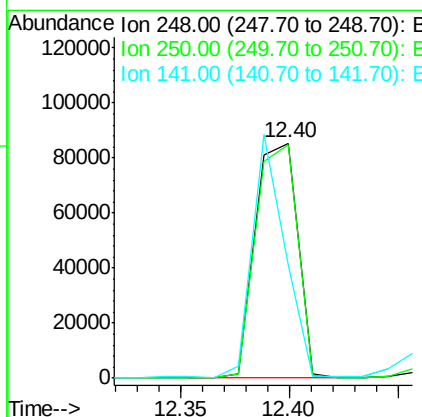
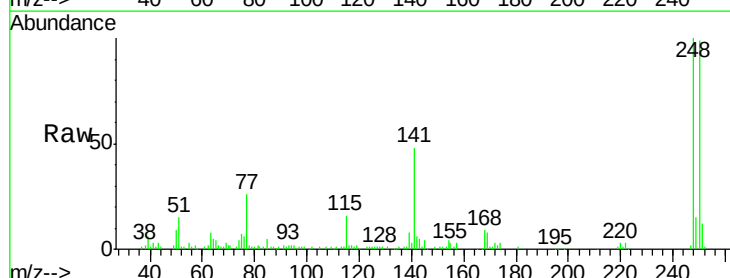
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

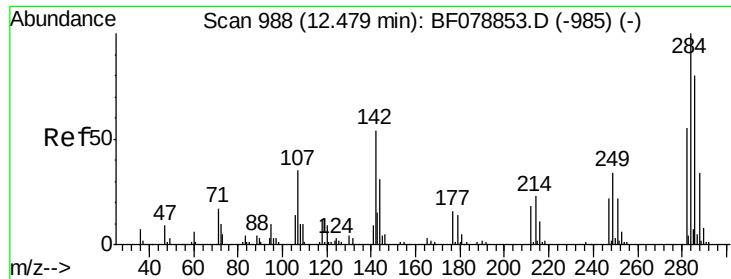
Tgt Ion:169 Resp: 364133
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.6 82.0
 167 36.5 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 34.11 ng
 RT: 12.40 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:248 Resp: 116594
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.1 115.7
 141 48.0 58.8 88.2#

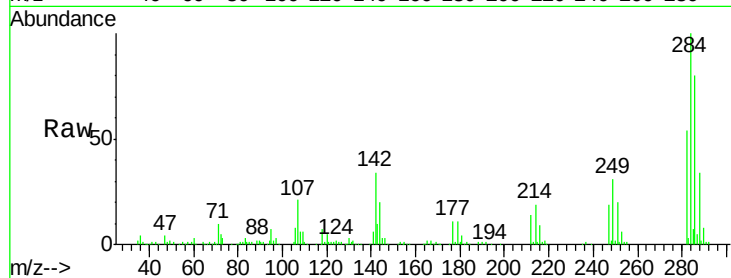




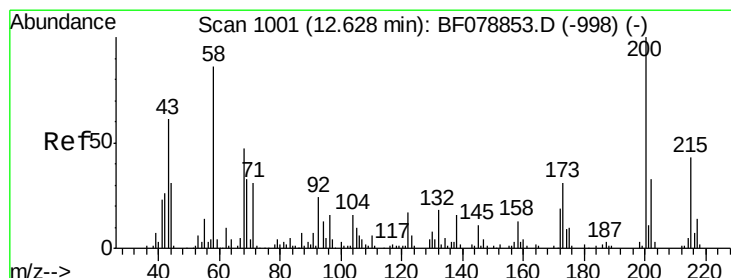
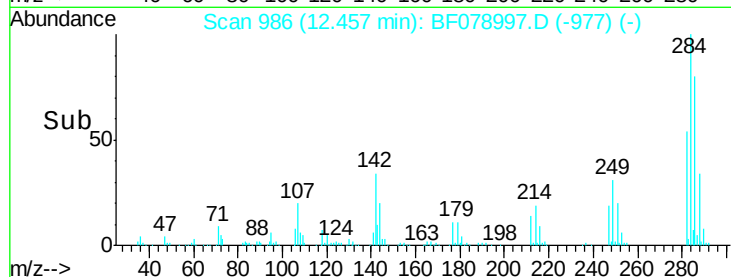
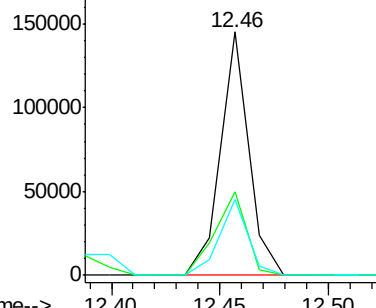
#67
Hexachlorobenzene
Concen: 33.57 ng
RT: 12.46 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

Tgt Ion: 284 Resp: 131131
Ion Ratio Lower Upper
284 100
142 34.5 35.2 52.8#
249 31.3 25.4 38.2

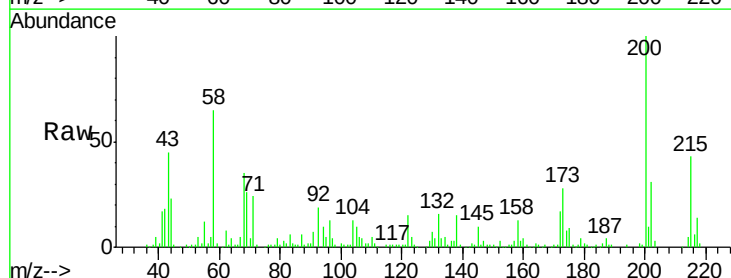


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

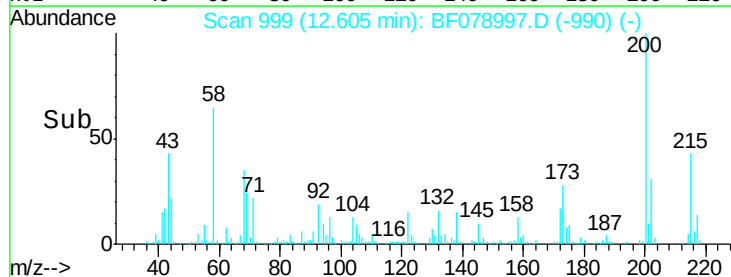
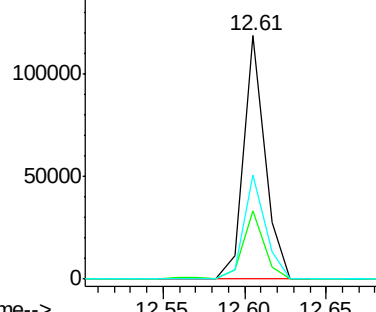


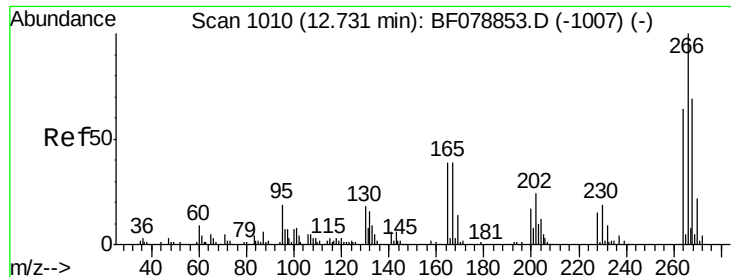
#68
Atrazine
Concen: 34.19 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion: 200 Resp: 108571
Ion Ratio Lower Upper
200 100
173 28.3 8.1 48.1
215 43.0 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: 61.89 ng

RT: 12.71 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

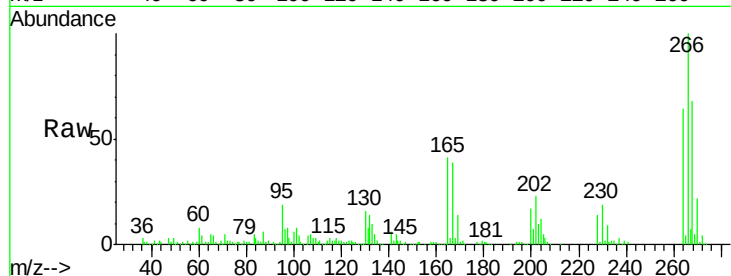
Tgt Ion:266 Resp: 137594

Ion Ratio Lower Upper

266 100

268 67.7 55.0 82.6

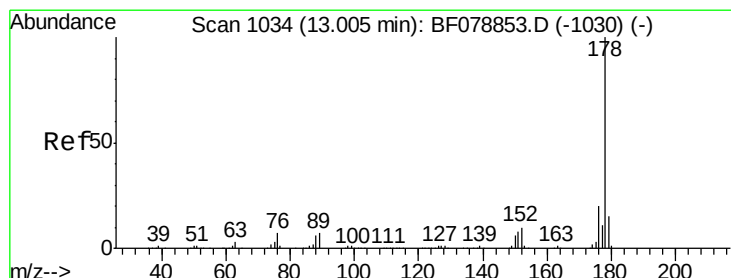
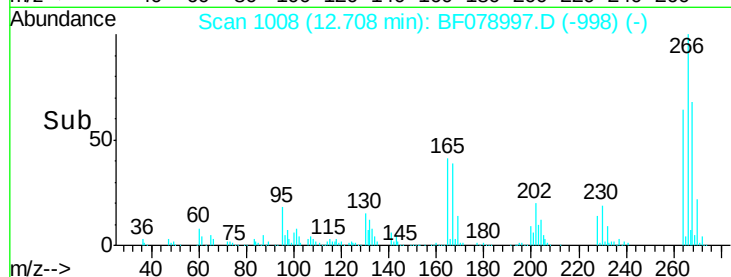
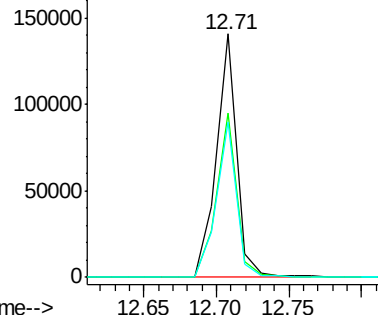
264 63.5 48.2 72.2



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: 35.21 ng

RT: 12.97 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

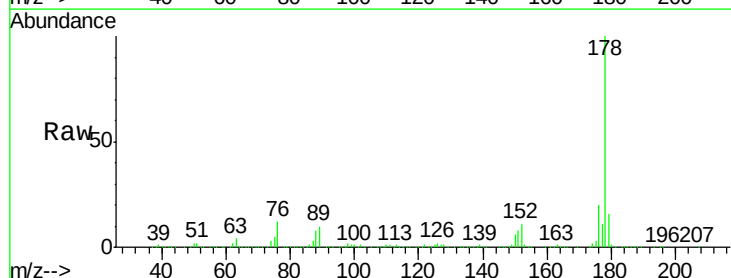
Tgt Ion:178 Resp: 645862

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

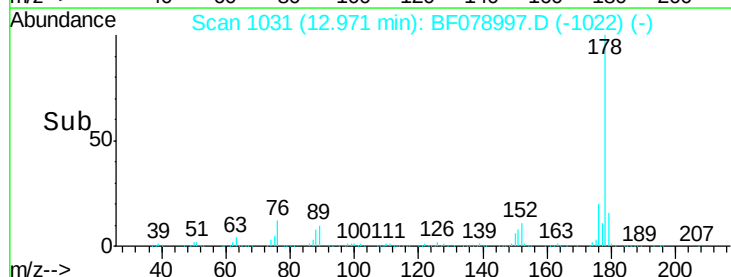
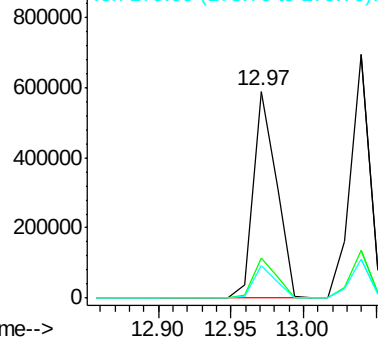
179 15.7 12.5 18.7

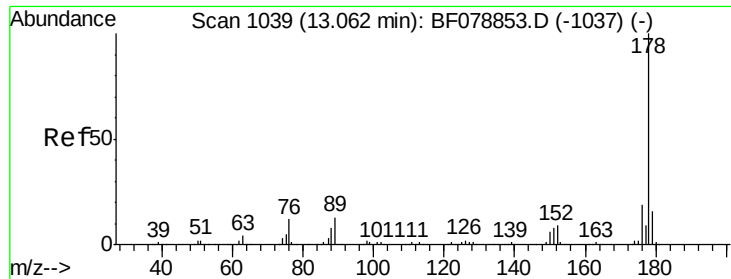


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

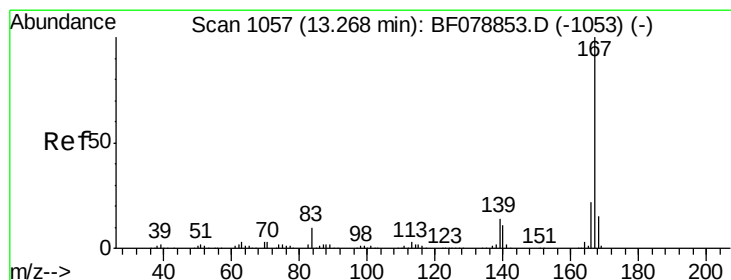
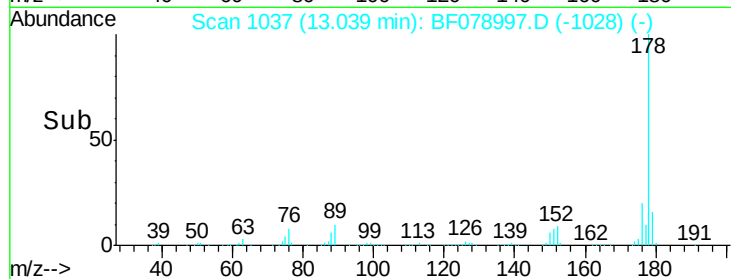
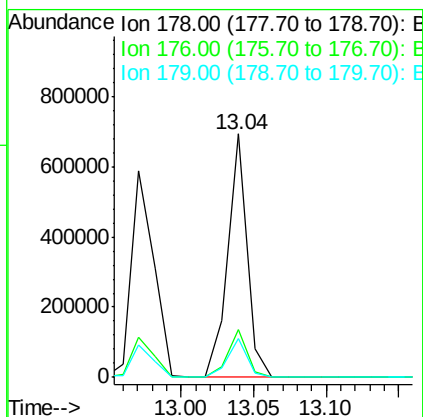
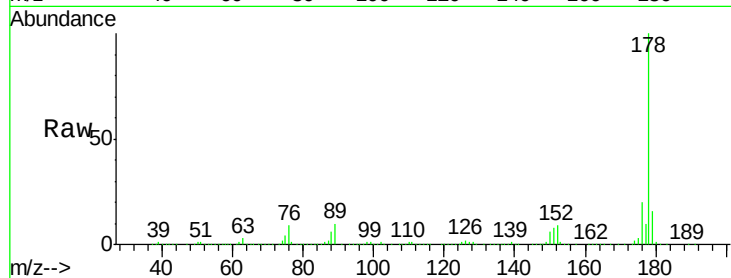




#71
 Anthracene
 Concen: 35.82 ng
 RT: 13.04 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

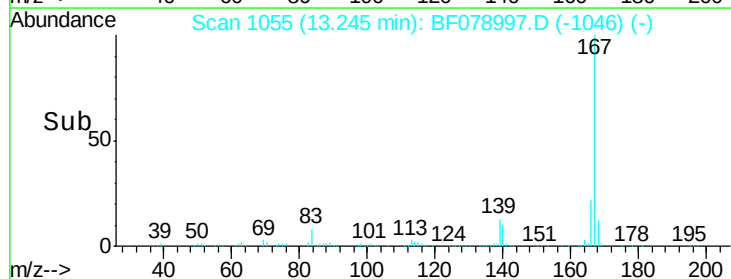
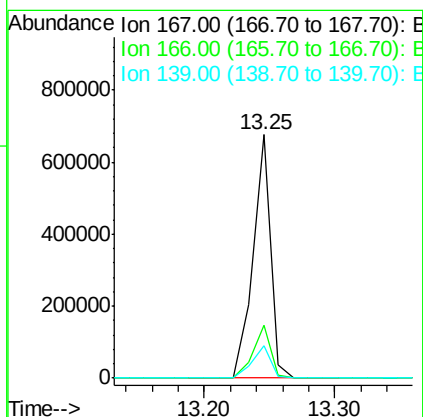
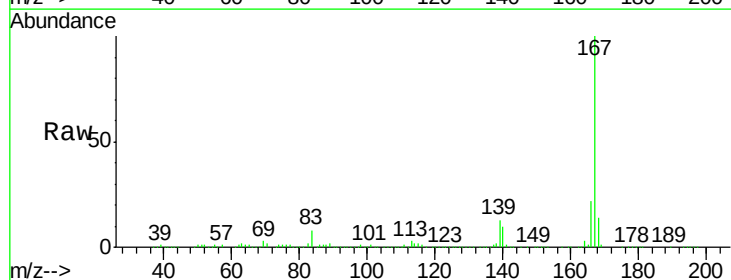
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

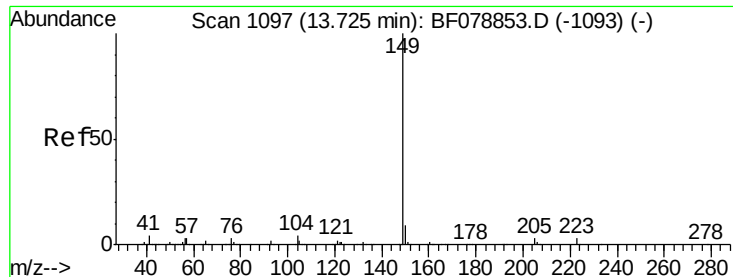
Tgt Ion:178 Resp: 644672
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 36.95 ng
 RT: 13.25 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:167 Resp: 633894
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.2 10.6 16.0





#73

Di-n-butylphthalate

Concen: 34.81 ng

RT: 13.69 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

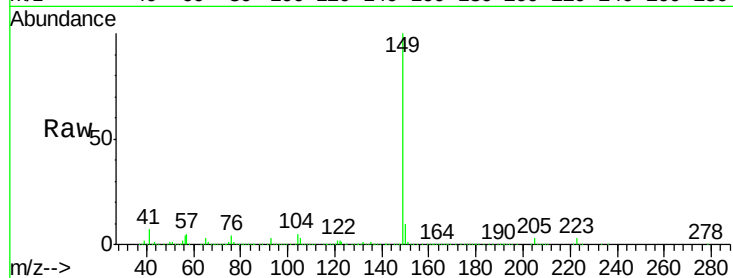
Tgt Ion:149 Resp: 716023

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

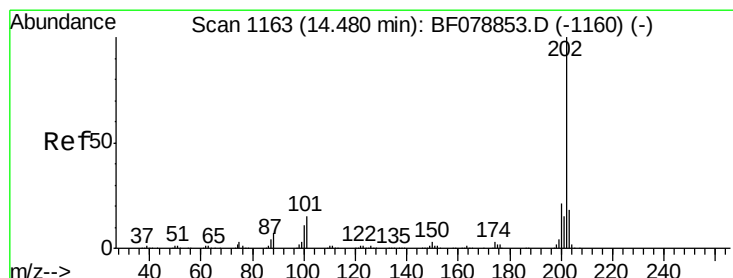
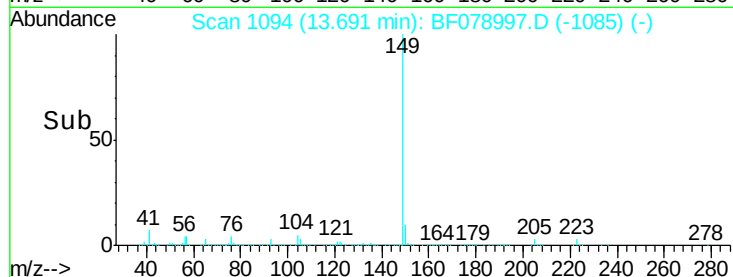
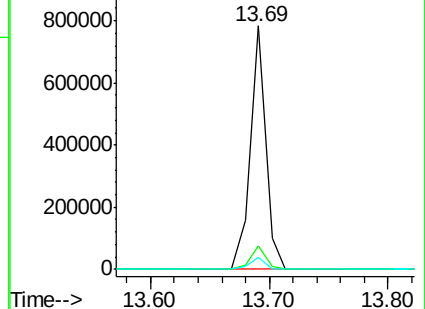
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.34 ng

RT: 14.46 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

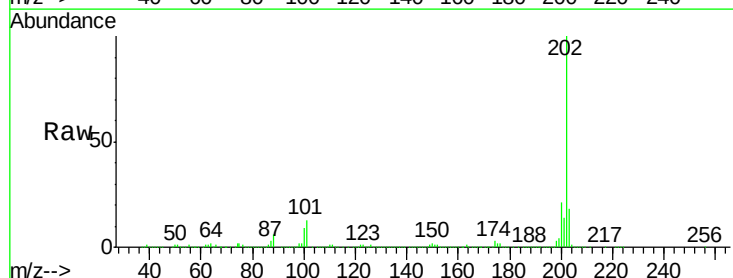
Tgt Ion:202 Resp: 752089

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

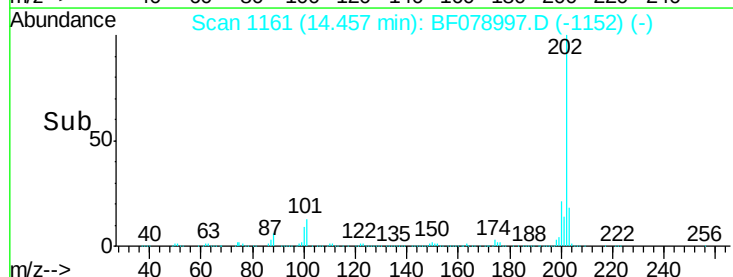
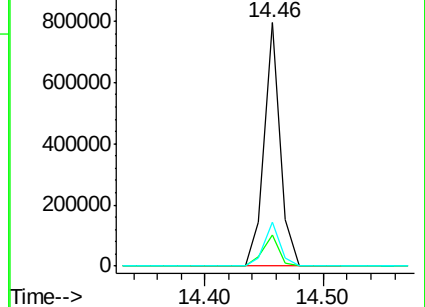
203 18.2 0.0 38.4

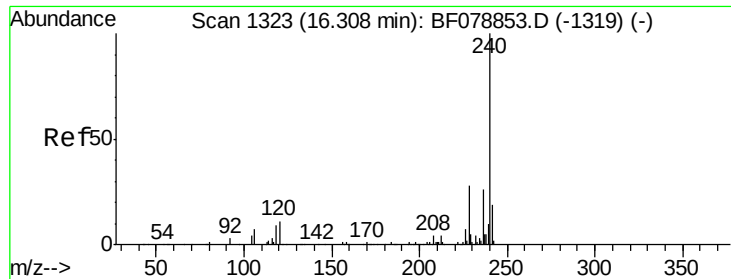


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.26 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

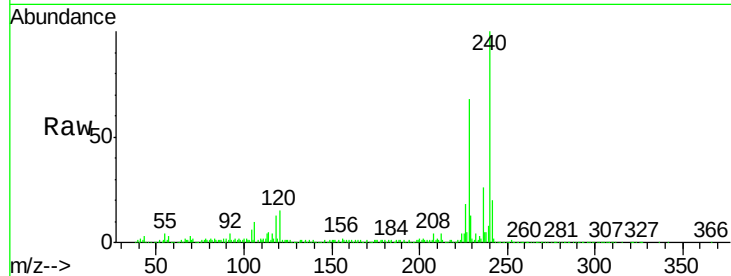
Tgt Ion:240 Resp: 340309

Ion Ratio Lower Upper

240 100

120 14.6 9.7 14.5#

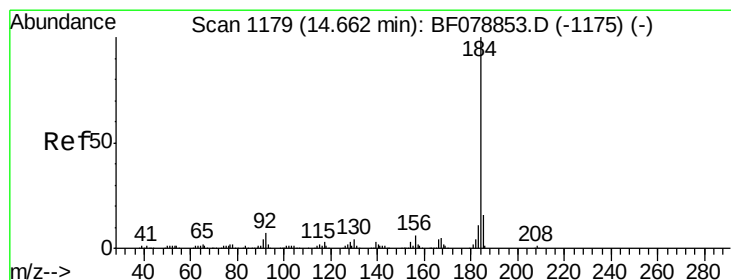
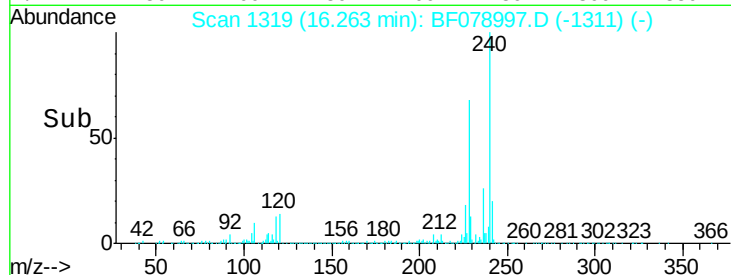
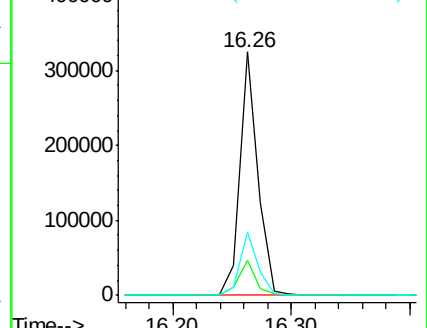
236 25.7 20.2 30.4



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: 15.58 ng

RT: 14.63 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

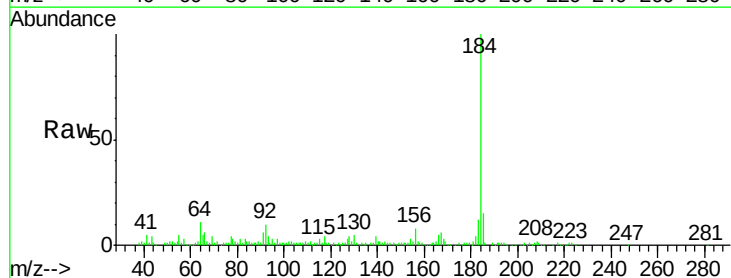
Tgt Ion:184 Resp: 142898

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

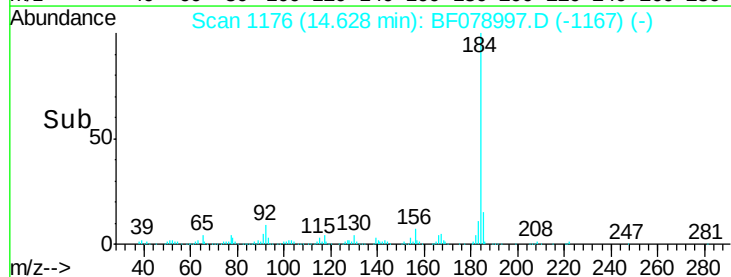
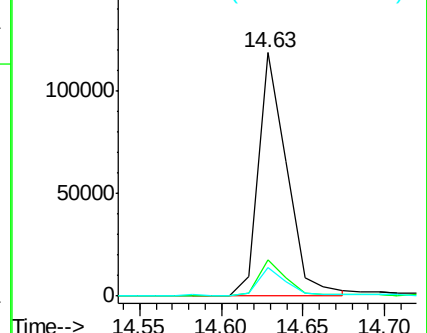
183 11.5 8.4 12.6

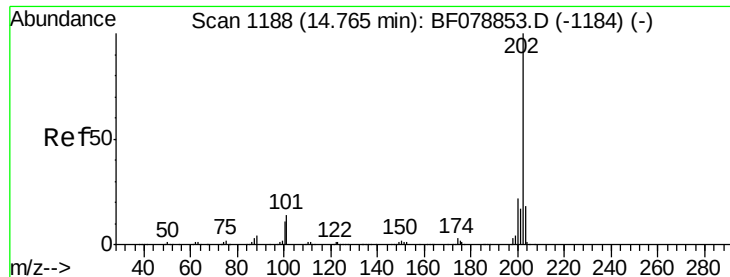


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.30 ng

RT: 14.74 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

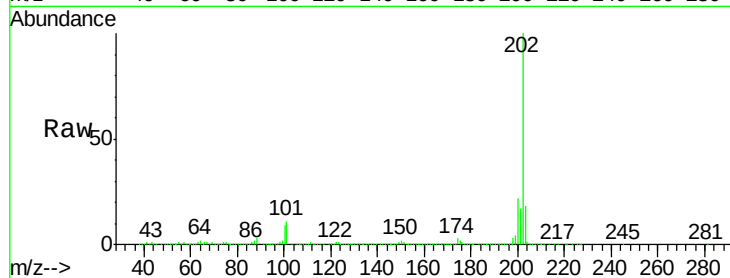
Tgt Ion:202 Resp: 770671

Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

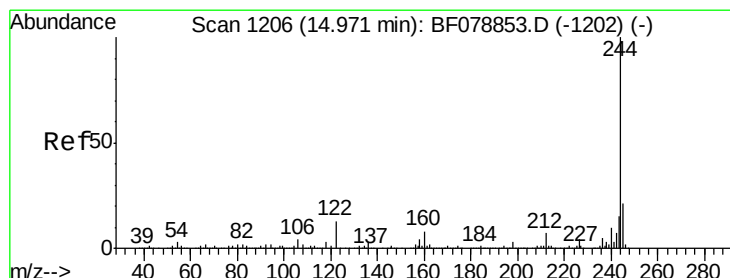
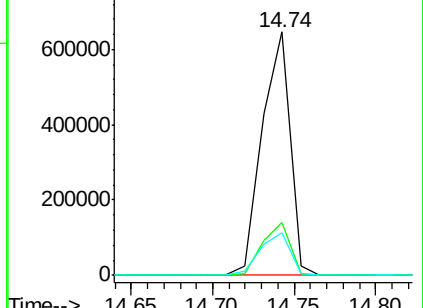
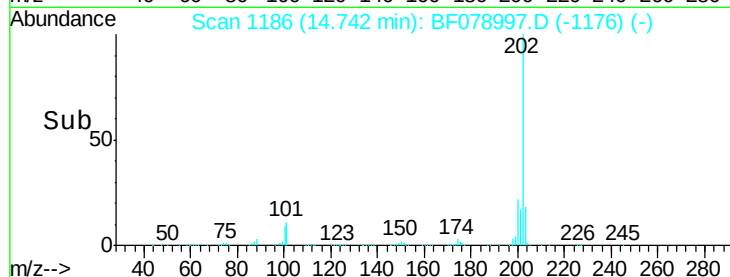
203 17.7 13.9 20.9



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: 57.09 ng

RT: 14.94 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

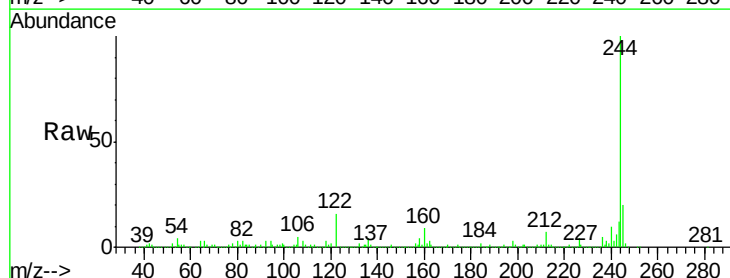
Tgt Ion:244 Resp: 811444

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

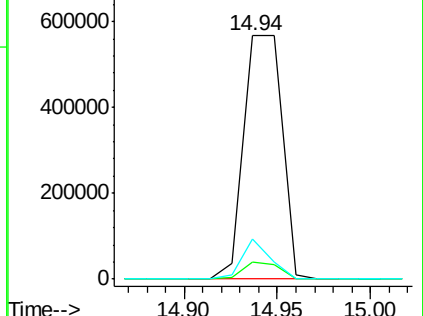
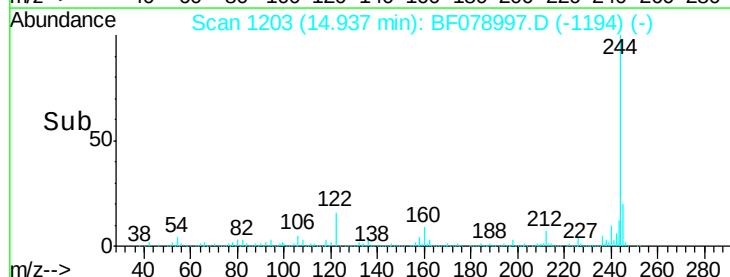
122 16.5 10.3 15.5#

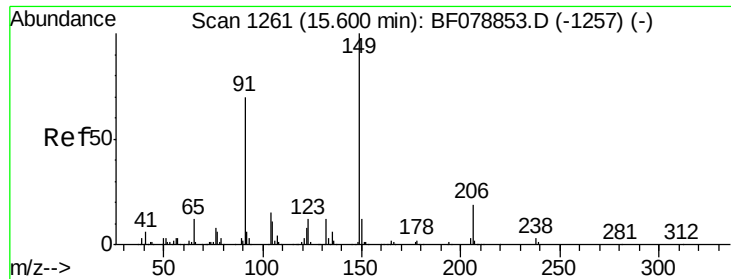


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

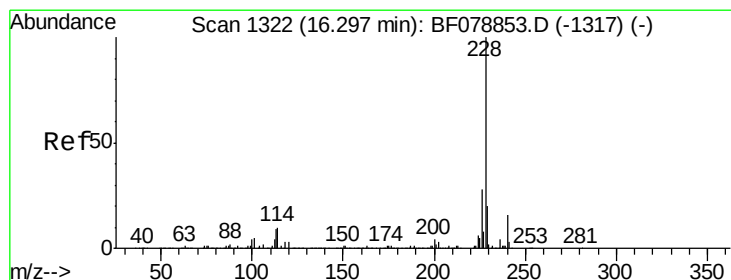
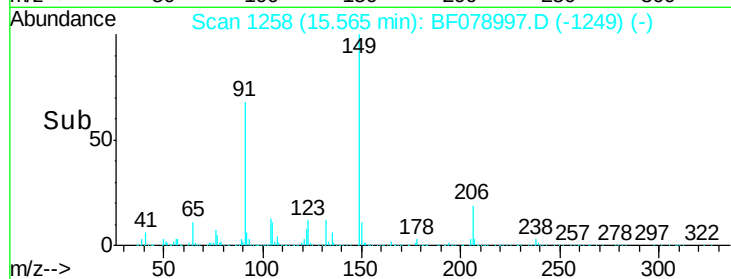
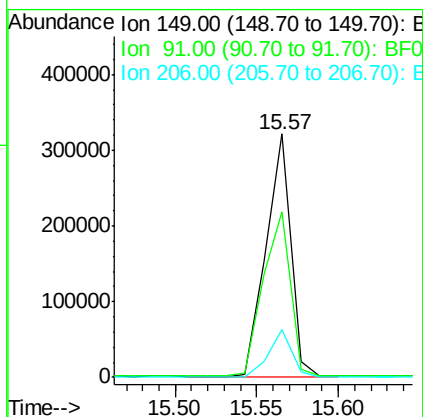
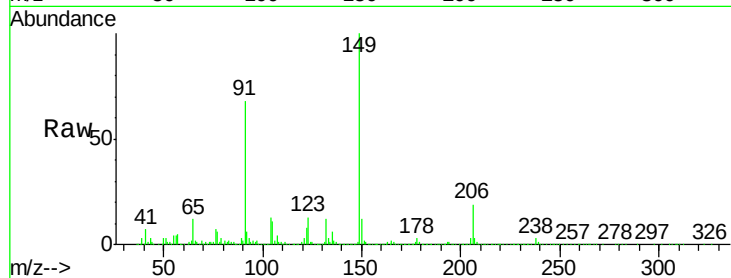




#79
Butylbenzylphthalate
Concen: 39.61 ng
RT: 15.57 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

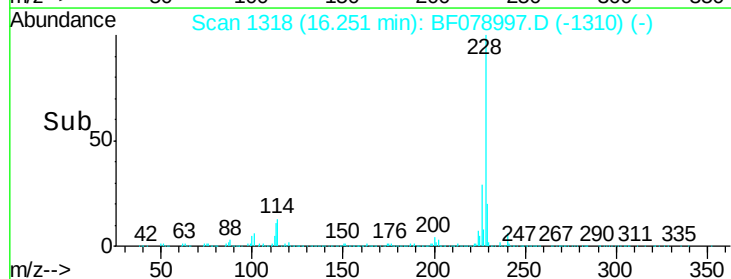
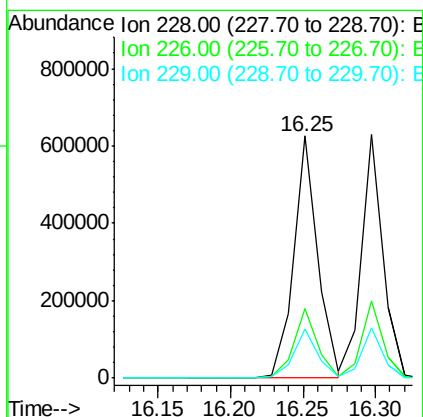
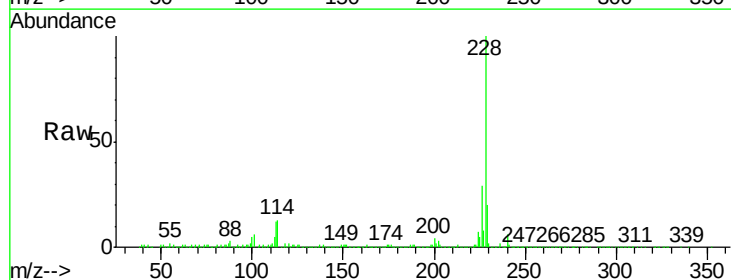
Instrument :
BNA_F
ClientSampleId :
TP-3-D2MSD

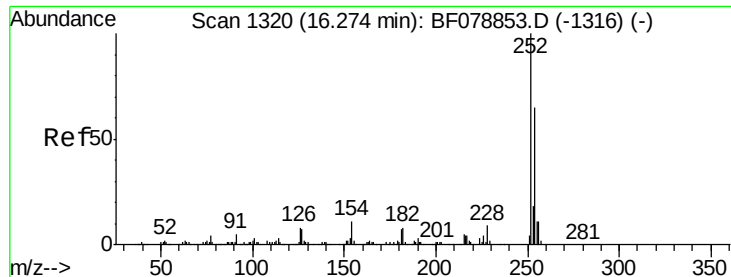
Tgt Ion:149 Resp: 339568
Ion Ratio Lower Upper
149 100
91 68.1 64.6 97.0
206 19.4 12.2 18.4#



#80
Benzo(a)anthracene
Concen: 38.15 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078997.D
Acq: 7 May 2015 15:50

Tgt Ion:228 Resp: 711016
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.4 15.9 23.9

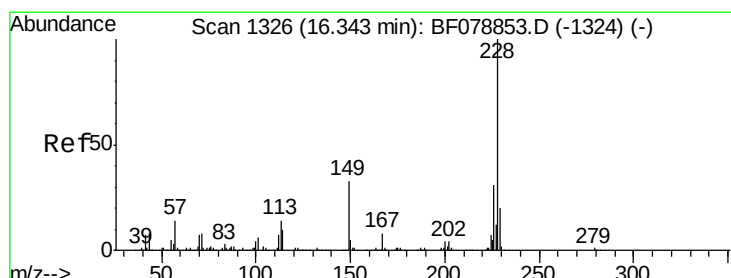
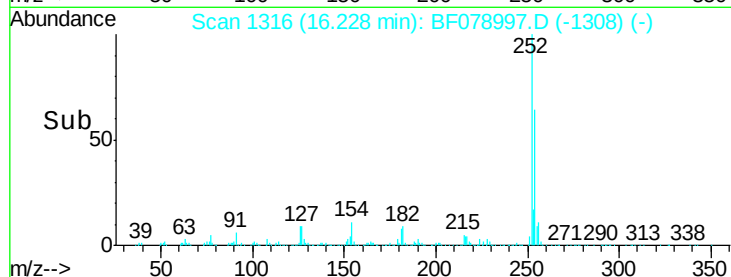
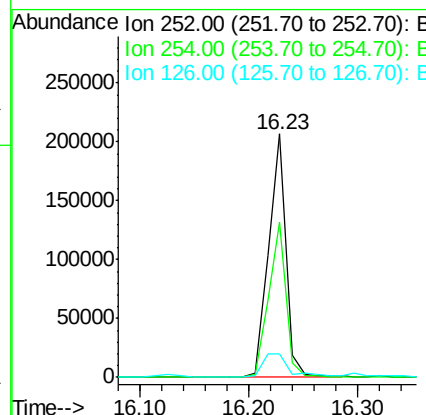
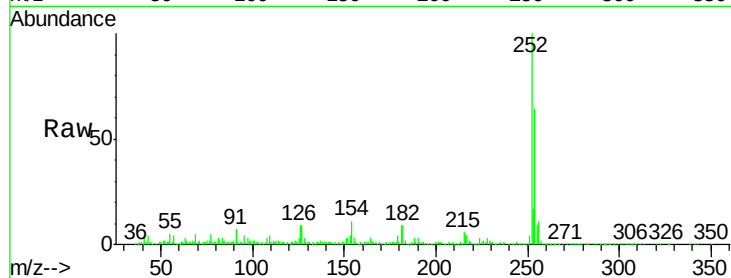




#81
 3,3'-Dichlorobenzidine
 Concen: 34.72 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

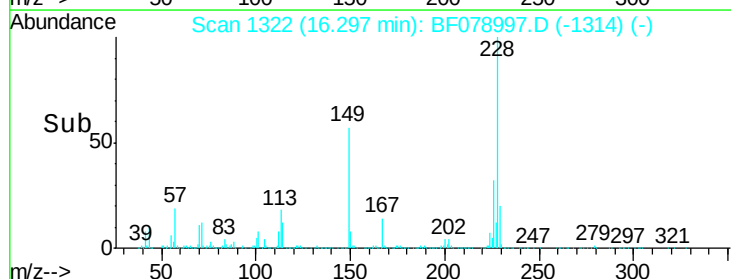
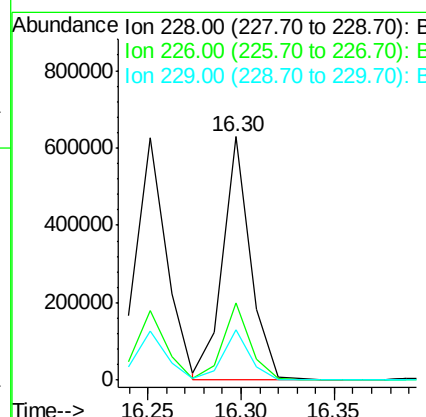
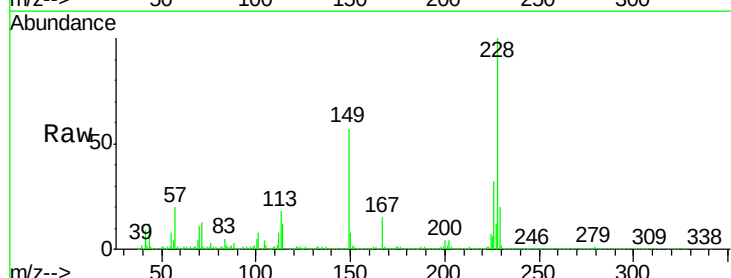
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

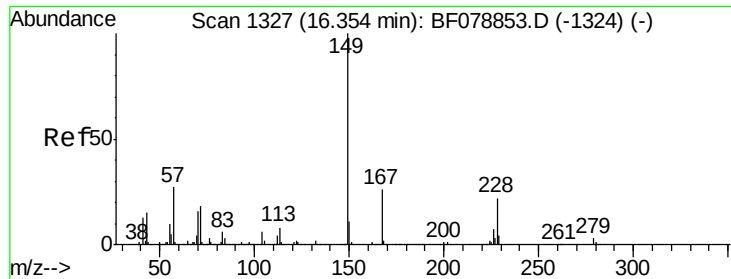
Tgt Ion:252 Resp: 230484
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 9.5 6.6 10.0



#82
 Chrysene
 Concen: 36.04 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion:228 Resp: 645994
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.5 16.0 24.0

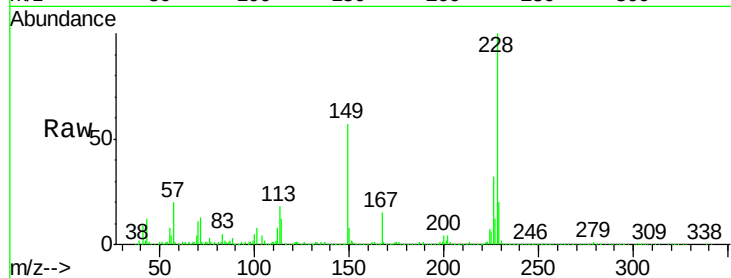




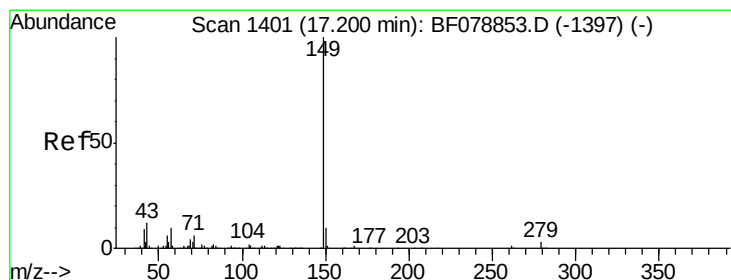
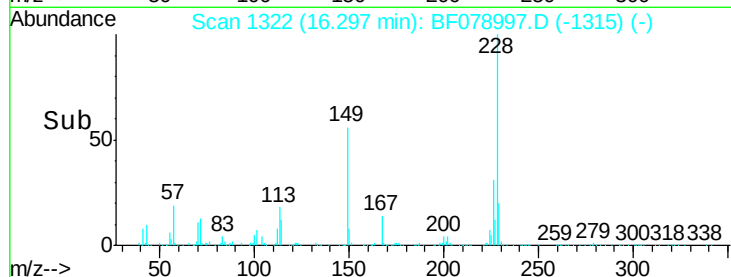
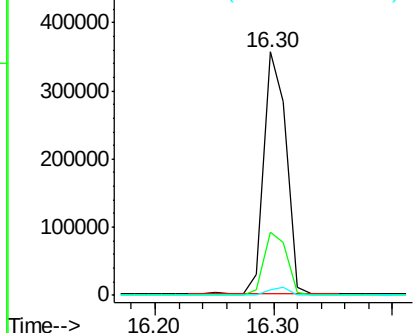
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.01 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.8	32.8
279	2.1	2.9	4.3

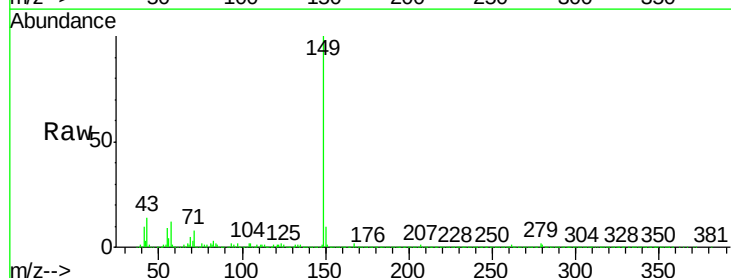


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

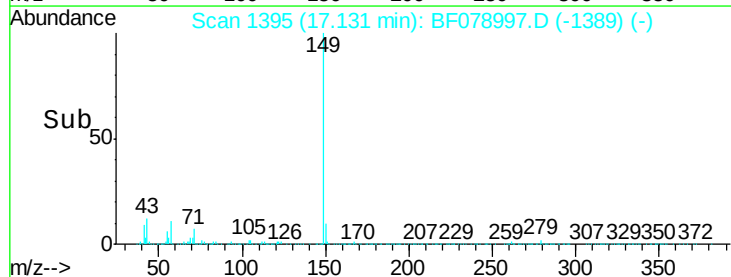
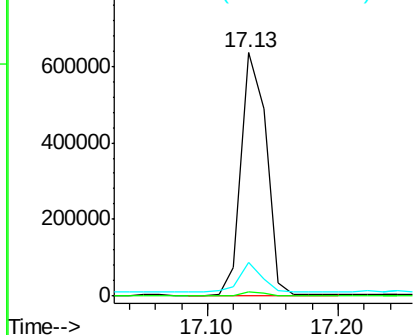


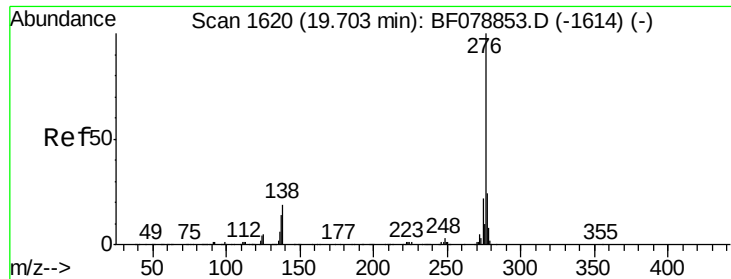
#84
 Di-n-octyl phthalate
 Concen: 36.97 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.03 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0
43	10.4	0.0	0.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

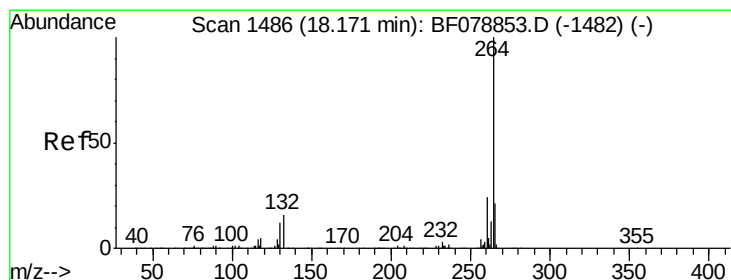
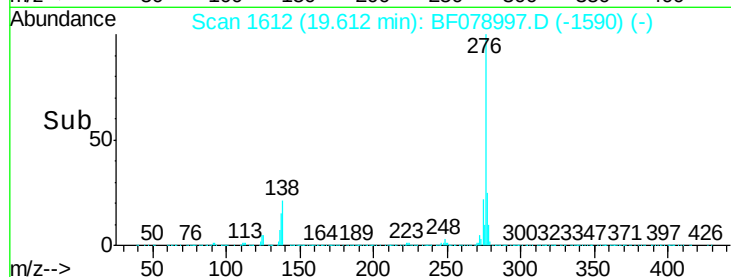
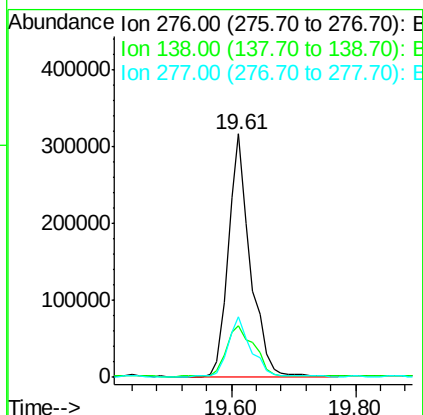
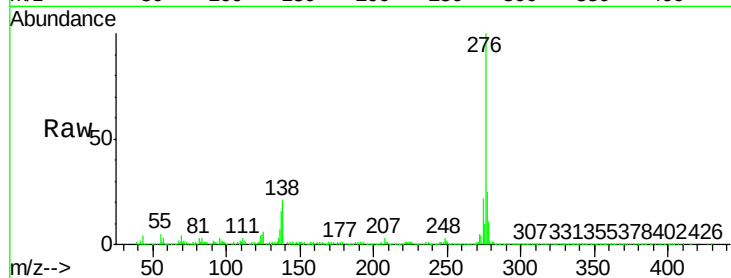




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.56 ng
 RT: 19.61 min Scan# 1612
 Delta R.T. -0.05 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

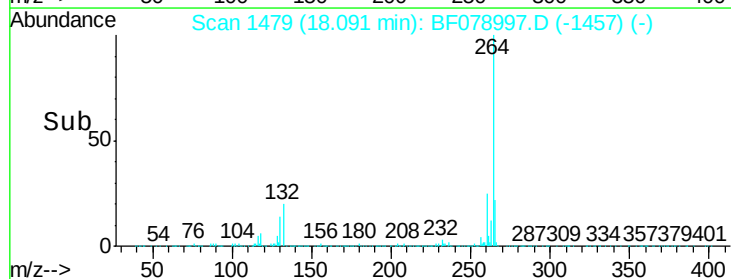
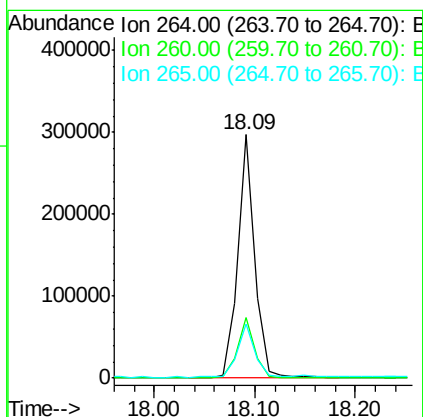
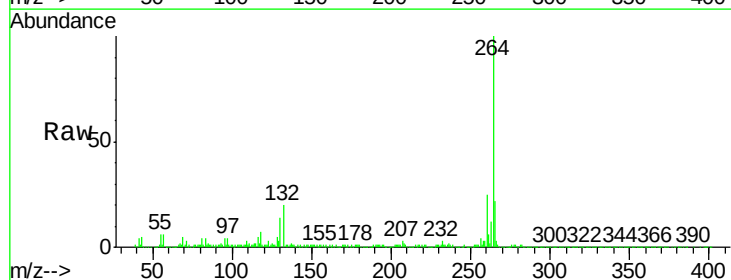
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

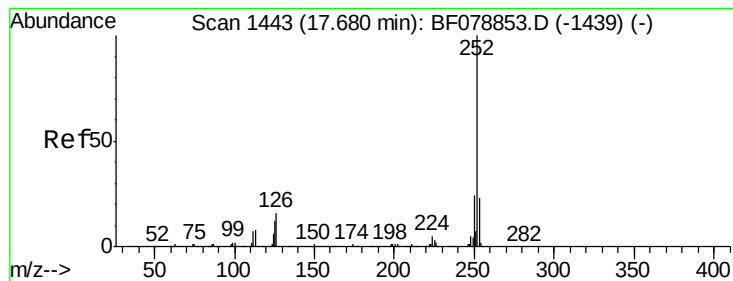
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	0.0#
277	25.8	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1479
 Delta R.T. -0.05 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.2	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 39.70 ng

RT: 17.62 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

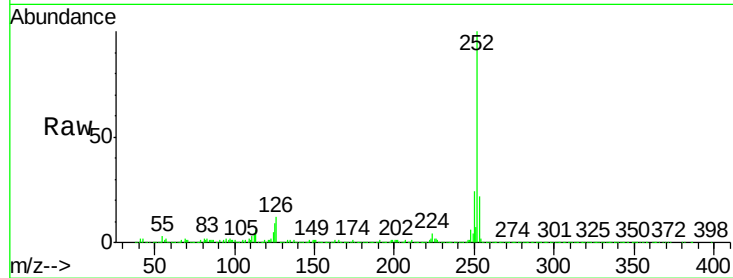
Tgt Ion:252 Resp: 748930

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

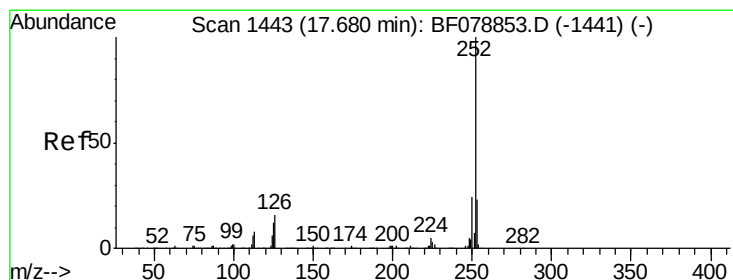
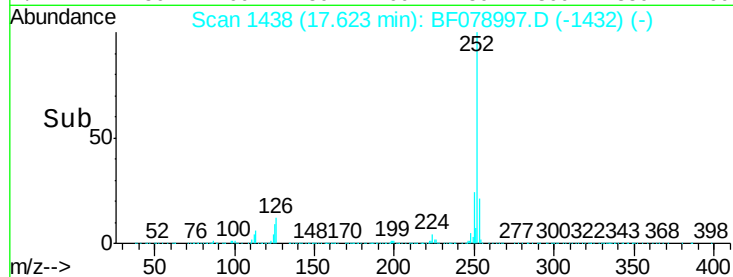
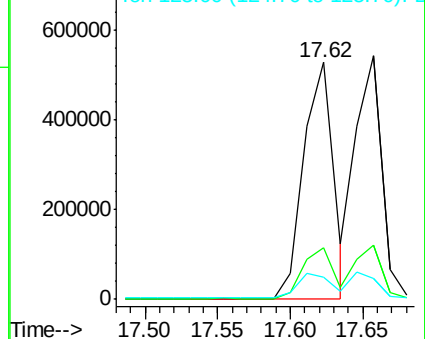
125 9.4 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.40 ng

RT: 17.66 min Scan# 1441

Delta R.T. -0.03 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

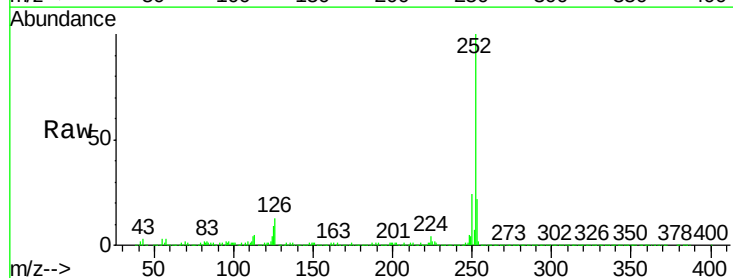
Tgt Ion:252 Resp: 682983

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

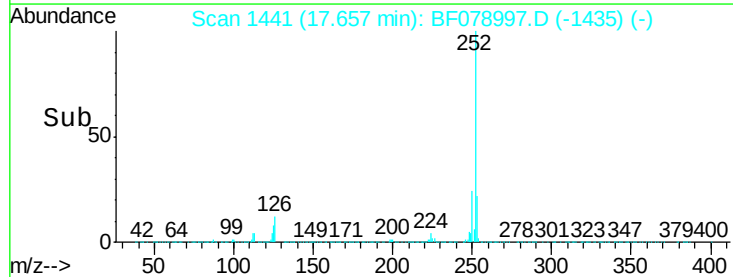
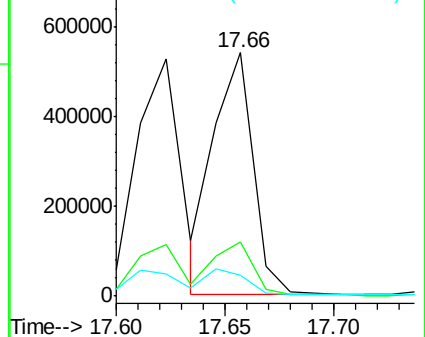
125 8.7 10.0 15.0#

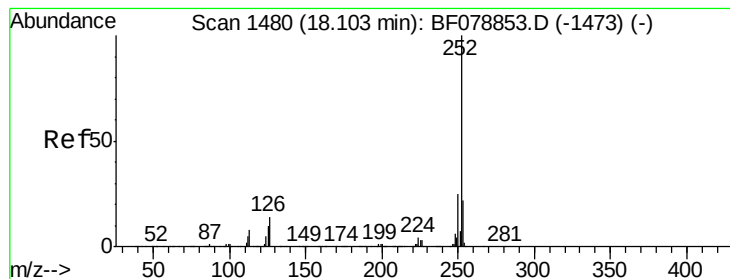


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.39 ng

RT: 18.02 min Scan# 1473

Delta R.T. -0.05 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D2MSD

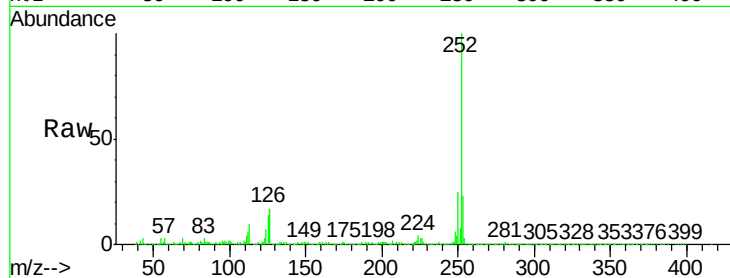
Tgt Ion: 252 Resp: 684136

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

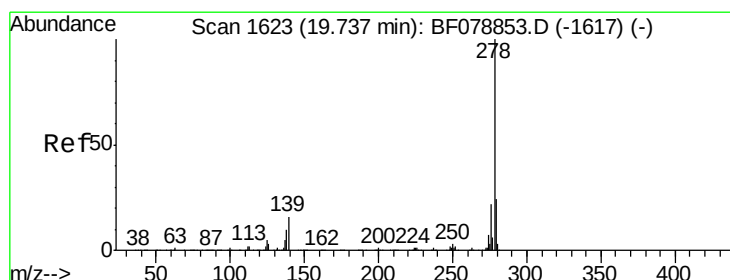
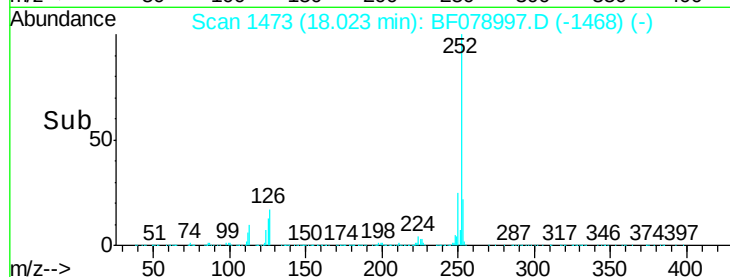
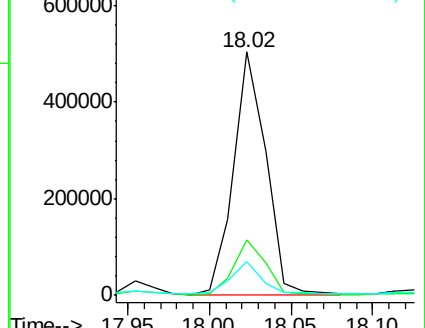
125 14.0 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.72 ng

RT: 19.65 min Scan# 1615

Delta R.T. -0.05 min

Lab File: BF078997.D

Acq: 7 May 2015 15:50

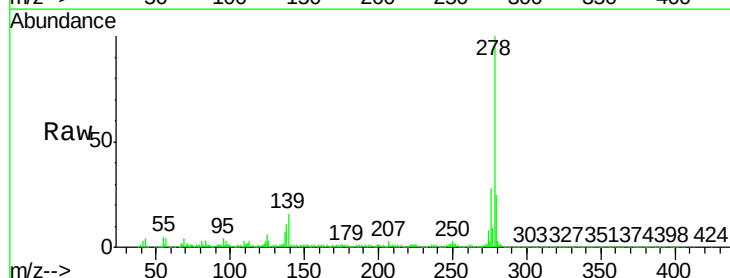
Tgt Ion: 278 Resp: 603937

Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

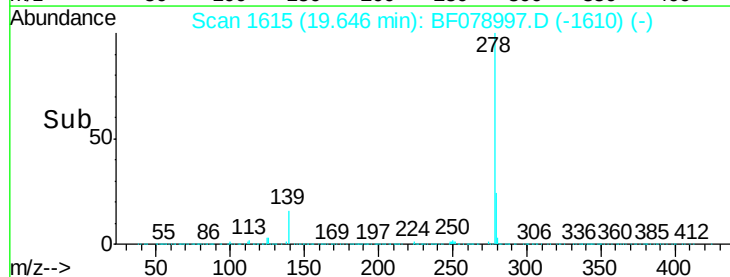
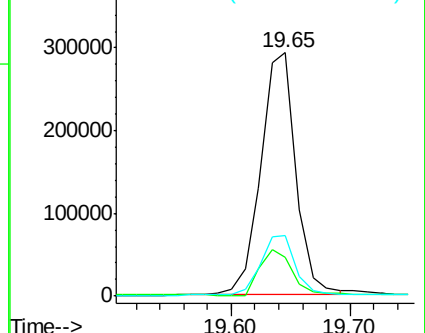
279 24.7 19.6 29.4

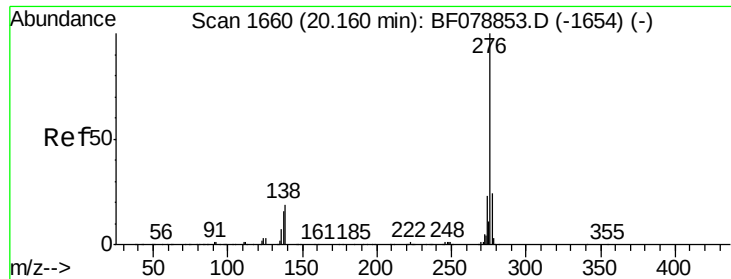


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 34.04 ng
 RT: 20.06 min Scan# 1651
 Delta R.T. -0.05 min
 Lab File: BF078997.D
 Acq: 7 May 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D2MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	25.4	17.4	26.0

