

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079882.D
 Acq On : 11 Jun 2015 1:33
 Operator : TP/IZ
 Sample : G2574-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

Quant Time: Jun 11 03:32:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	48976	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	192371	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	97160	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	206372	20.00	ng	-0.01
75) Chrysene-d12	14.90	240	204883	20.00	ng	-0.17
86) Perylene-d12	16.78	264	198346	20.00	ng	-0.25

System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	449847	151.37	ng	0.00
7) Phenol-d6	7.02	99	597528	155.40	ng	0.00
23) Nitrobenzene-d5	7.98	82	352987	106.00	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	164238	195.33	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	747154	108.16	ng	0.00
78) Terphenyl-d14	13.65	244	927546	102.06	ng	-0.09

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.40	88	35416	26.08	ng	99
3) Pyridine	4.17	79	116519	31.94	ng	95
4) n-Nitrosodimethylamine	4.08	42	71380	39.07	ng	94
6) Aniline	7.07	93	241615	43.62	ng	99
8) 2-Chlorophenol	7.20	128	155962	46.55	ng	91
9) Benzaldehyde	6.96	77	107950	47.85	ng	85
10) Phenol	7.03	94	193656	47.27	ng	95
11) bis(2-Chloroethyl)ether	7.13	93	146317	45.74	ng	98
12) 1,3-Dichlorobenzene	7.36	146	160882	41.91	ng	95
13) 1,4-Dichlorobenzene	7.44	146	170937	39.29	ng	98
14) 1,2-Dichlorobenzene	7.59	146	156572m	41.44	ng	
15) Benzyl Alcohol	7.54	79	144522	46.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.68	45	234139	47.23	ng	97
17) 2-Methylphenol	7.64	107	139245	48.31	ng	98
18) Hexachloroethane	7.94	117	55898	41.36	ng	92
19) n-Nitroso-di-n-propylamine	7.80	70	118400	44.19	ng	97
20) 3+4-Methylphenols	7.79	107	178614	47.95	ng	99
22) Acetophenone	7.82	105	235696	49.38	ng	98
24) Nitrobenzene	7.99	77	149378	44.65	ng	94
25) Isophorone	8.23	82	342856	49.39	ng	98
26) 2-Nitrophenol	8.32	139	53399	39.96	ng	95
27) 2,4-Dimethylphenol	8.33	122	156311	49.88	ng	96
28) bis(2-Chloroethoxy)methane	8.43	93	191687	45.59	ng	99
29) 2,4-Dichlorophenol	8.55	162	135234	50.64	ng	# 84
30) 1,2,4-Trichlorobenzene	8.65	180	147877	43.07	ng	96
31) Naphthalene	8.73	128	506718	49.46	ng	100
32) Benzoic acid	8.33	122	156311	125.69	ng	# 12
33) 4-Chloroaniline	8.76	127	182076m	44.00	ng	
34) Hexachlorobutadiene	8.84	225	81876	43.32	ng	95
35) Caprolactam	9.10	113	40860	52.28	ng	# 43
36) 4-Chloro-3-methylphenol	9.23	107	158615	54.72	ng	99
37) 2-Methylnaphthalene	9.43	142	353603	48.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	158375	46.63	ng	98
40) Hexachlorocyclopentadiene	9.59	237	147335	90.79	ng	99

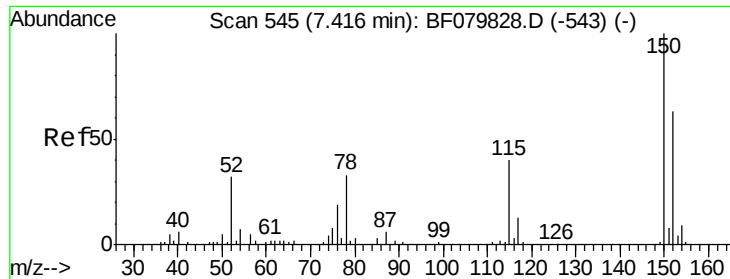
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.70	196	96739	47.16	ng	99
43) 2,4,5-Trichlorophenol	9.74	196	114206	53.95	ng	97
45) 1,1'-Biphenyl	9.88	154	405501	50.34	ng	96
46) 2-Chloronaphthalene	9.92	162	326008	49.57	ng	97
47) 2-Nitroaniline	10.00	65	71995	49.96	ng	96
48) Acenaphthylene	10.34	152	541579	48.42	ng	99
49) Dimethylphthalate	10.17	163	437058	57.70	ng	98
50) 2,6-Dinitrotoluene	10.24	165	72233	54.97	ng	91
51) Acenaphthene	10.51	154	315131	48.17	ng	98
52) 3-Nitroaniline	10.41	138	79136	48.97	ng	95
53) 2,4-Dinitrophenol	10.51	184	24977	70.18	ng	# 50
54) Dibenzofuran	10.68	168	476441	52.00	ng	95
55) 4-Nitrophenol	10.56	139	122258	104.09	ng	# 67
56) 2,4-Dinitrotoluene	10.65	165	82135	44.65	ng	94
57) Fluorene	11.04	166	398142	49.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.80	232	92255	58.94	ng	91
59) Diethylphthalate	10.88	149	403156	54.36	ng	99
60) 4-Chlorophenyl-phenylether	11.02	204	189405	53.96	ng	88
61) 4-Nitroaniline	11.03	138	83767	52.83	ng	98
62) Azobenzene	11.18	77	390611	53.48	ng	96
64) 4,6-Dinitro-2-methylphenol	11.06	198	23372	37.76	ng	92
65) n-Nitrosodiphenylamine	11.13	169	356949	52.13	ng	98
66) 4-Bromophenyl-phenylether	11.52	248	113357	47.52	ng	# 91
67) Hexachlorobenzene	11.60	284	125207	50.01	ng	# 89
68) Atrazine	11.65	200	98901	50.87	ng	97
69) Pentachlorophenol	11.78	266	104338	88.97	ng	99
70) Phenanthrene	12.01	178	598627	48.57	ng	99
71) Anthracene	12.07	178	623407	51.66	ng	98
72) Carbazole	12.22	167	529072	47.35	ng	99
73) Di-n-butylphthalate	12.54	149	622590	53.70	ng	99
74) Fluoranthene	13.26	202	655978	50.74	ng	96
76) Benzidine	13.37	184	510701	83.62	ng	99
77) Pyrene	13.51	202	659737	51.69	ng	98
79) Butylbenzylphthalate	14.18	149	254296	59.46	ng	# 81
80) Benzo(a)anthracene	14.89	228	652244	53.55	ng	99
81) 3,3'-Dichlorobenzidine	14.82	252	213367	56.11	ng	# 97
82) Chrysene	14.93	228	570674	49.94	ng	98
83) Bis(2-ethylhexyl)phthalate	14.85	149	400042	60.53	ng	# 95
84) Di-n-octyl phthalate	15.63	149	651999	63.52	ng	96
85) Indeno(1,2,3-cd)pyrene	18.71	276	670187	55.52	ng	97
87) Benzo(b)fluoranthene	16.23	252	587847	49.80	ng	99
88) Benzo(k)fluoranthene	16.26	252	637204	51.63	ng	98
89) Benzo(a)pyrene	16.70	252	599746	53.76	ng	99
90) Dibenzo(a,h)anthracene	18.72	278	556445	53.83	ng	# 95
91) Benzo(g,h,i)perylene	19.29	276	560988	51.43	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

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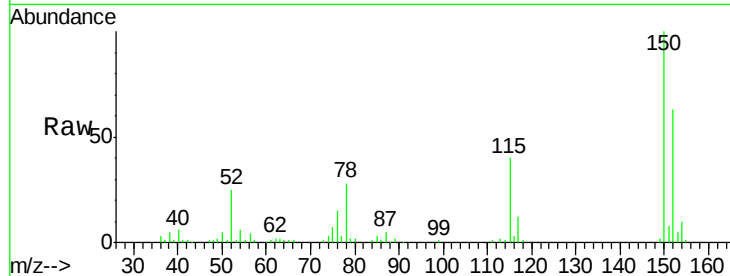
Tgt Ion:152 Resp: 48976

Ion Ratio Lower Upper

152 100

150 158.2 131.4 197.2

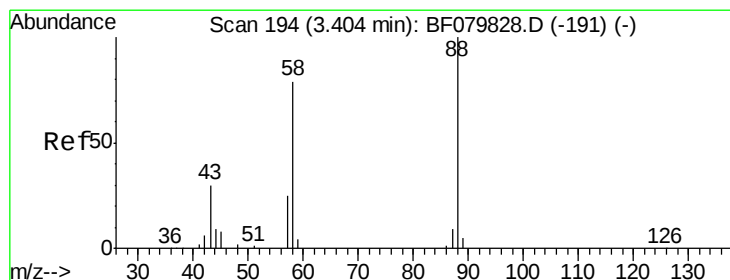
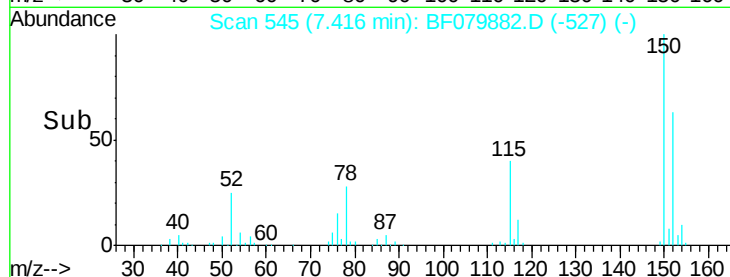
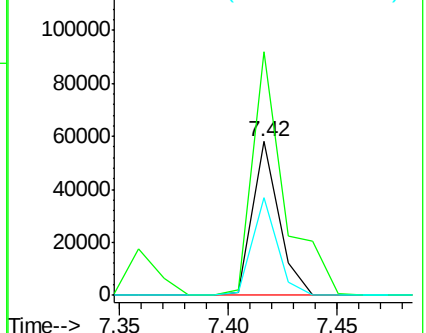
115 63.5 56.5 84.7



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: 26.08 ng

RT: 3.40 min Scan# 194

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

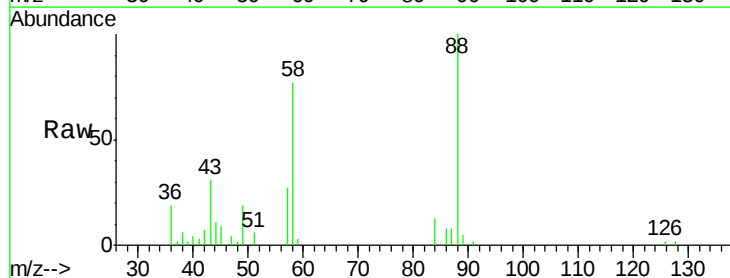
Tgt Ion: 88 Resp: 35416

Ion Ratio Lower Upper

88 100

58 73.3 58.1 87.1

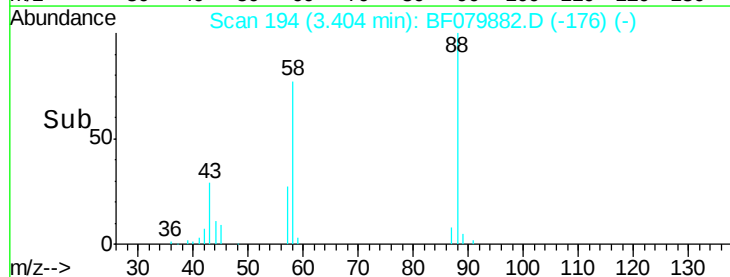
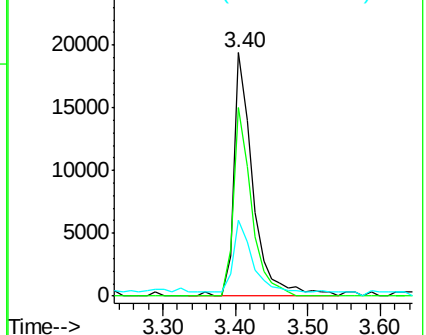
43 28.3 22.2 33.2

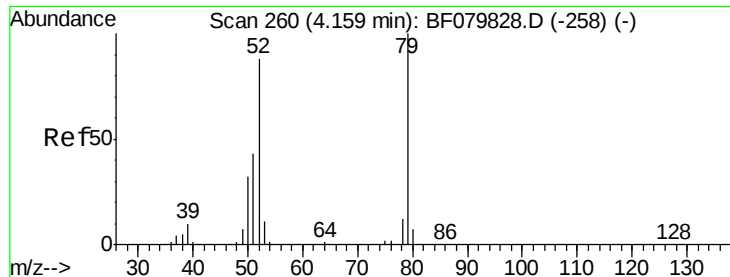


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.94 ng

RT: 4.17 min Scan# 261

Delta R.T. 0.01 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

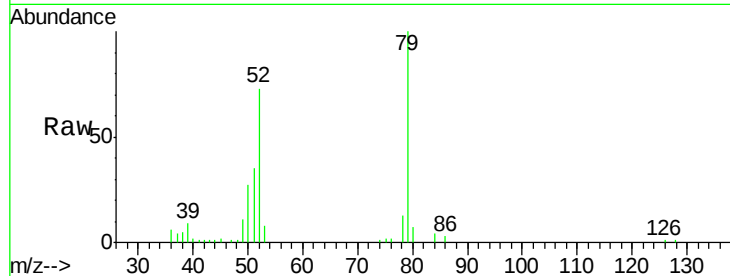
Tgt Ion: 79 Resp: 116519

Ion Ratio Lower Upper

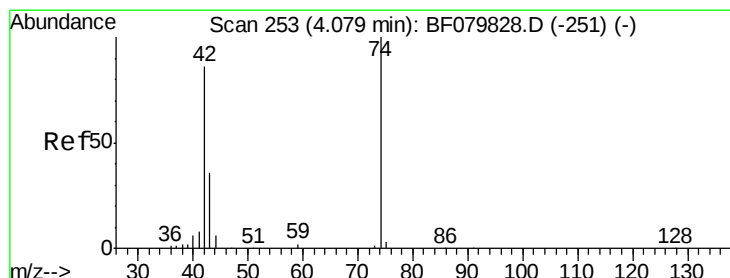
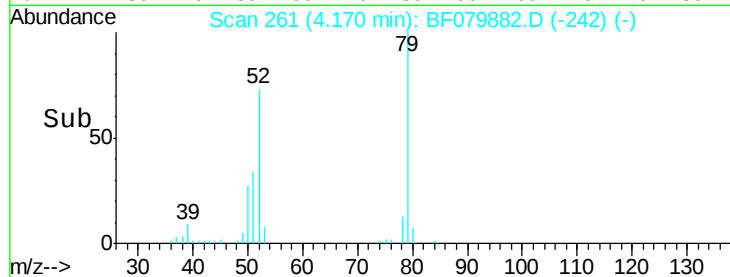
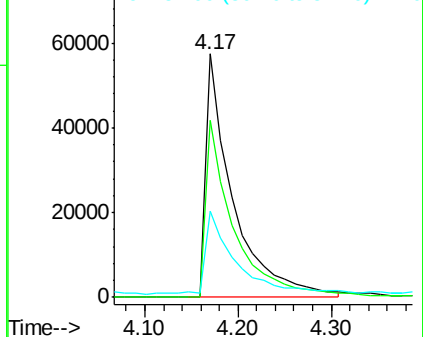
79 100

52 72.9 62.3 93.5

51 35.5 30.5 45.7



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



#4

n-Nitrosodimethylamine

Concen: 39.07 ng

RT: 4.08 min Scan# 253

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

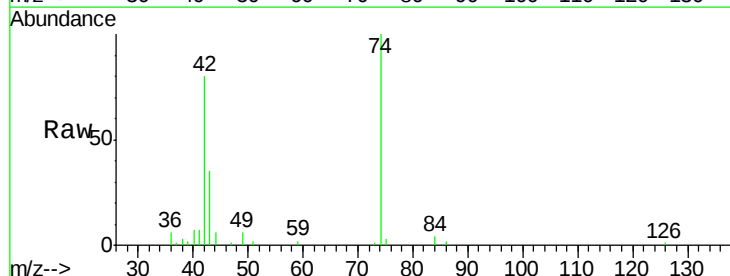
Tgt Ion: 42 Resp: 71380

Ion Ratio Lower Upper

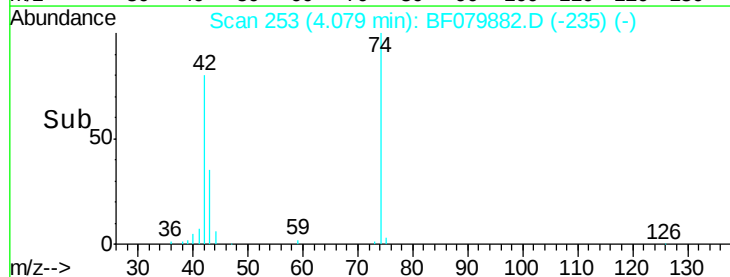
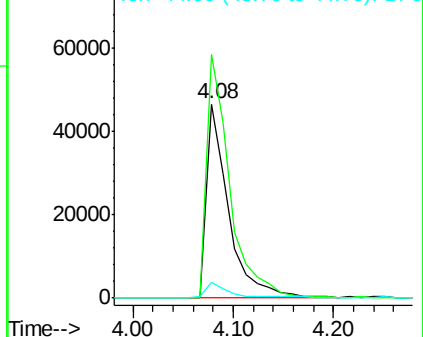
42 100

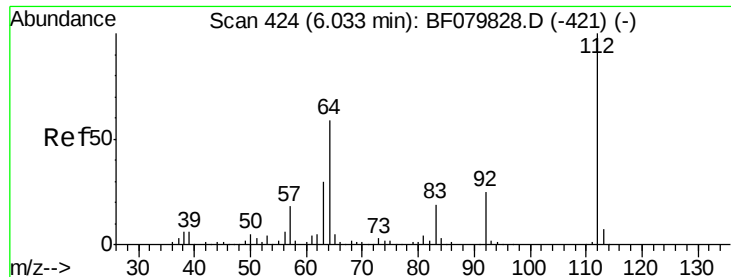
74 125.3 105.8 158.6

44 7.9 5.7 8.5



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





#5

2-Fluorophenol

Concen: 151.37 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampled :

S2MSD

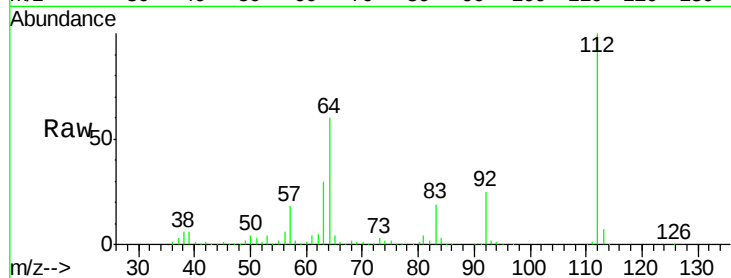
Tgt Ion: 112 Resp: 449847

Ion Ratio Lower Upper

112 100

64 59.7 44.2 66.4

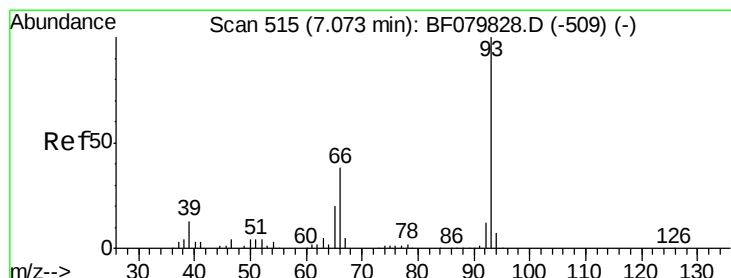
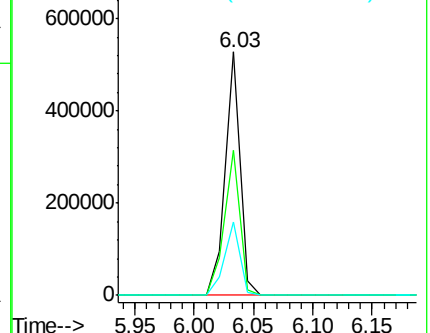
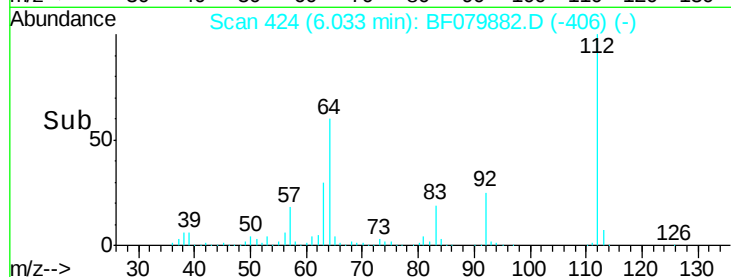
63 30.1 22.8 34.2



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: 43.62 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

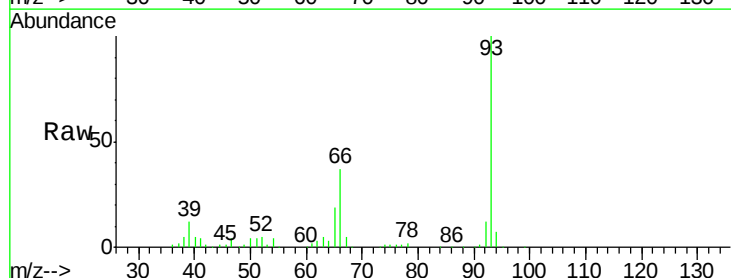
Tgt Ion: 93 Resp: 241615

Ion Ratio Lower Upper

93 100

66 37.5 30.6 46.0

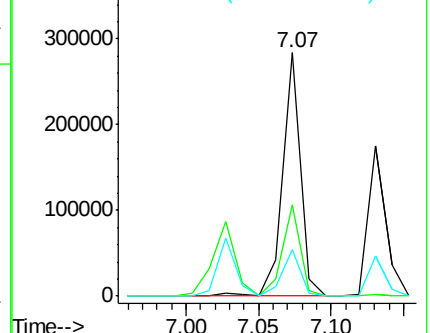
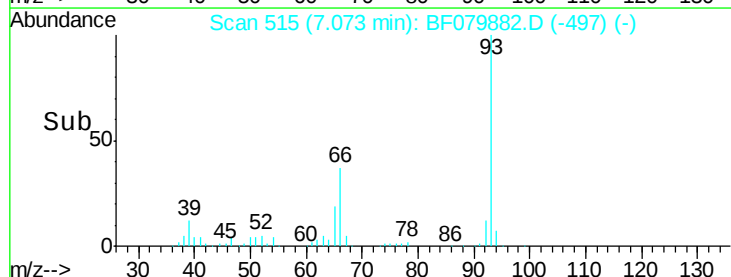
65 19.3 15.9 23.9

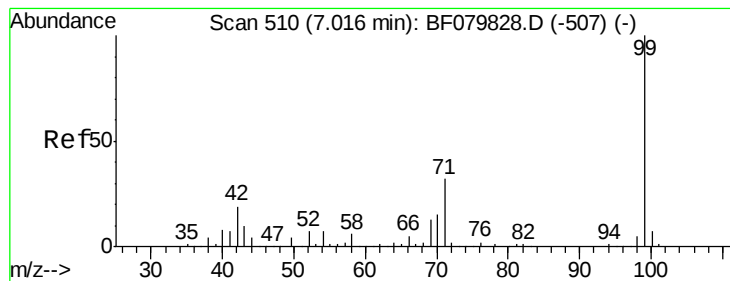


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 155.40 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampled :

S2MSD

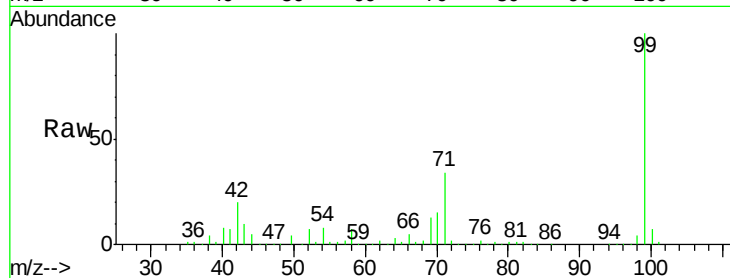
Tgt Ion: 99 Resp: 597528

Ion Ratio Lower Upper

99 100

42 20.2 13.7 20.5

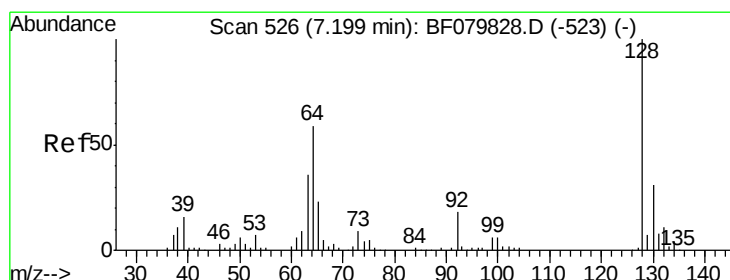
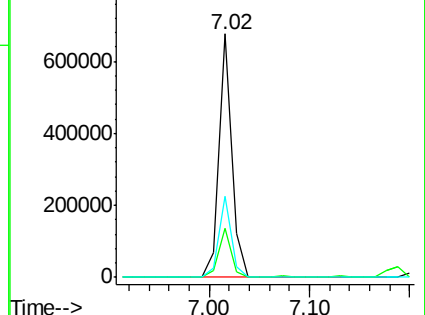
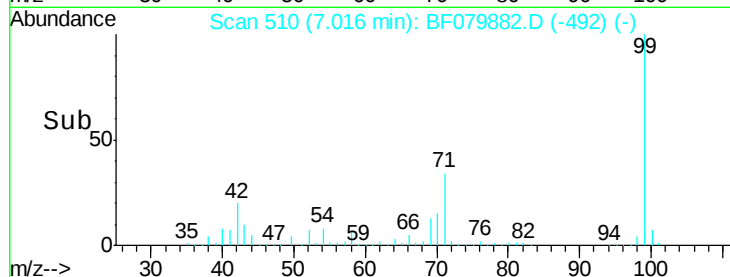
71 33.5 25.1 37.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.55 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

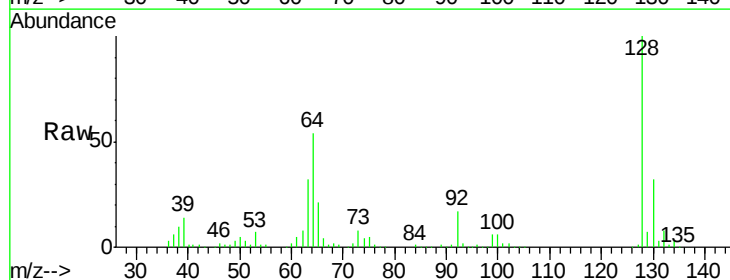
Tgt Ion: 128 Resp: 155962

Ion Ratio Lower Upper

128 100

130 32.1 11.4 51.4

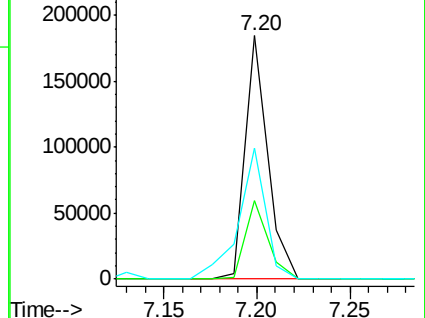
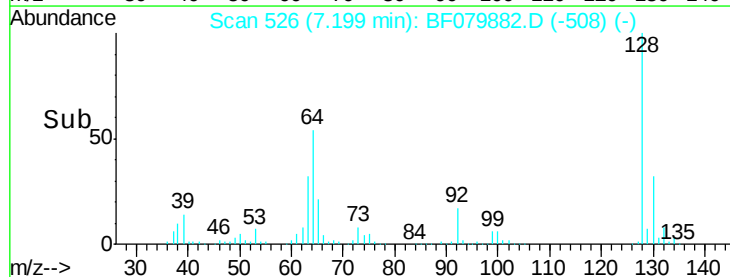
64 53.9 43.6 83.6

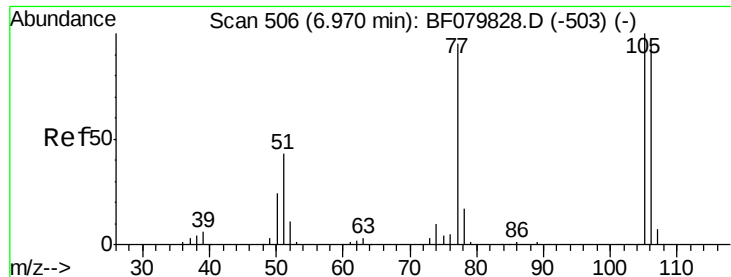


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.85 ng

RT: 6.96 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

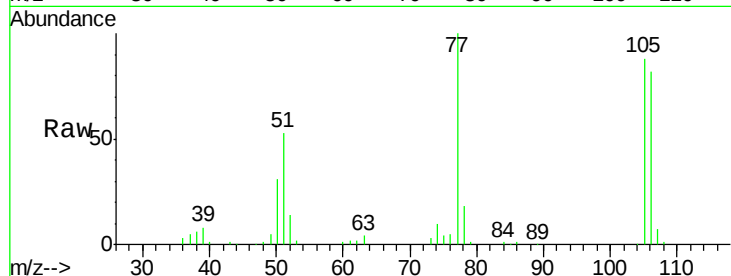
Tgt Ion: 77 Resp: 107950

Ion Ratio Lower Upper

77 100

105 87.7 83.9 123.9

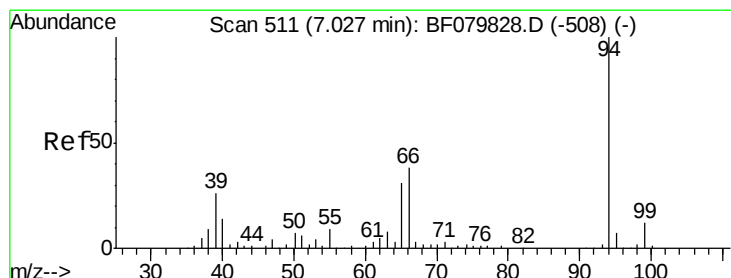
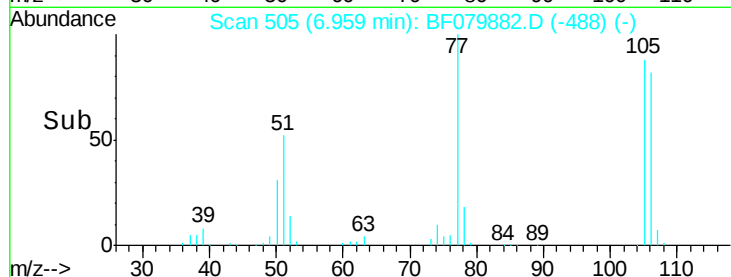
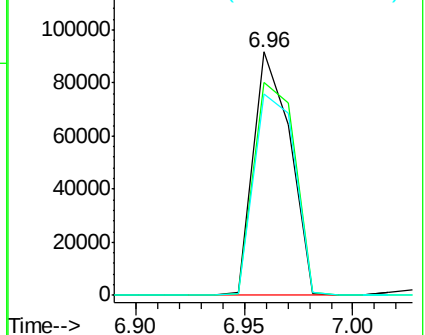
106 82.5 77.1 117.1



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: 47.27 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

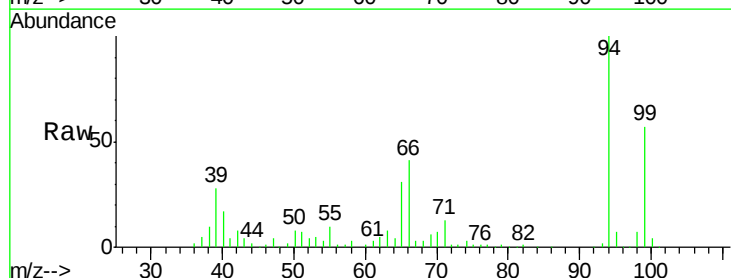
Tgt Ion: 94 Resp: 193656

Ion Ratio Lower Upper

94 100

65 31.0 8.8 48.8

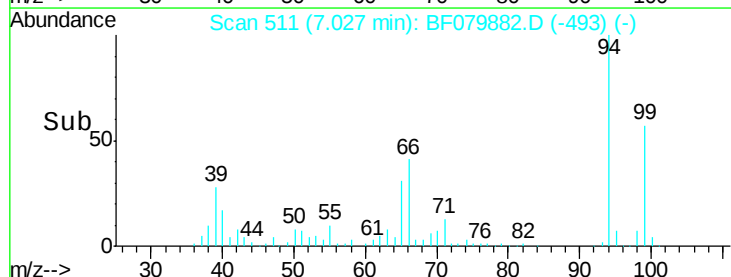
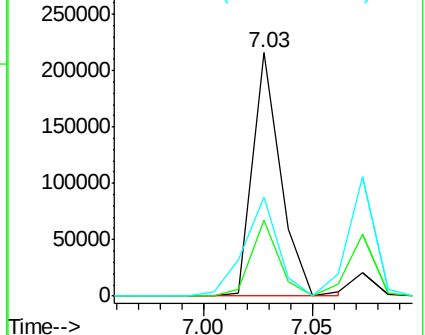
66 40.6 16.7 56.7

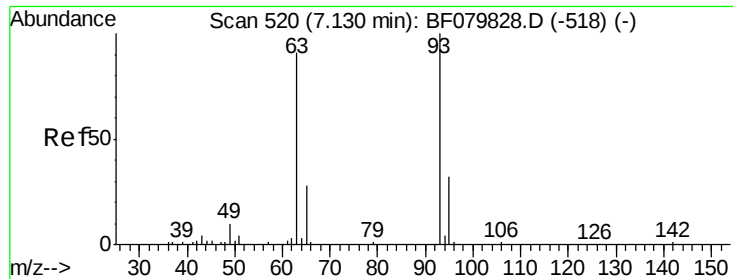


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

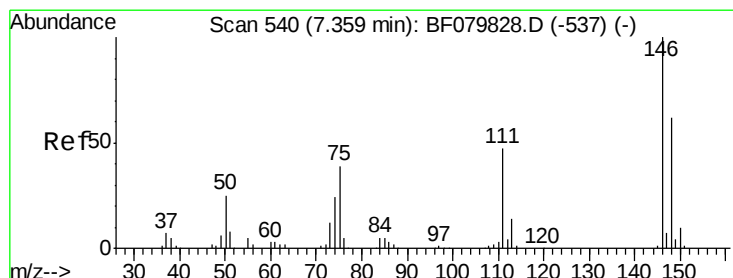
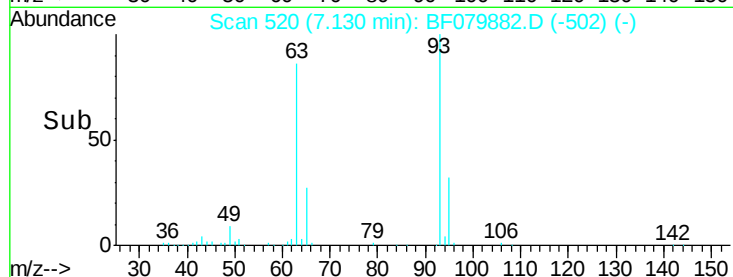
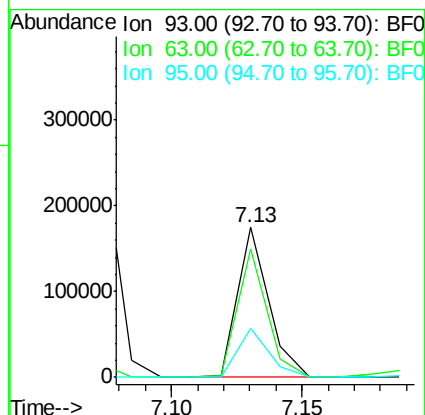
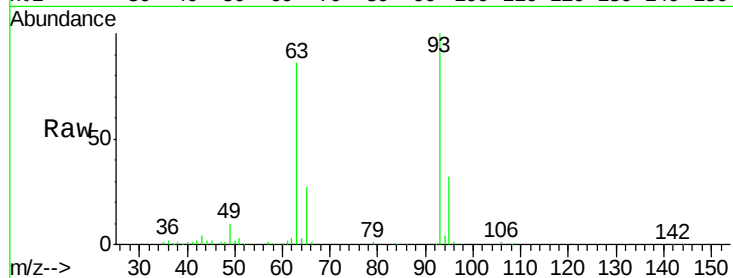




#11
bis(2-Chloroethyl)ether
Concen: 45.74 ng
RT: 7.13 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

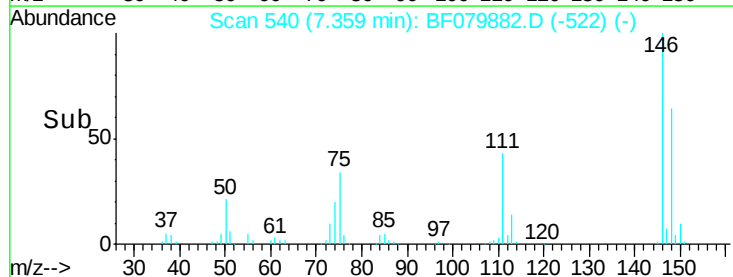
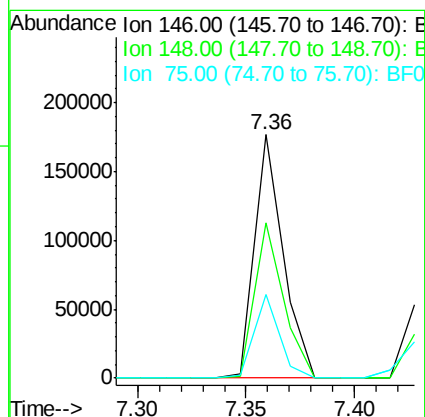
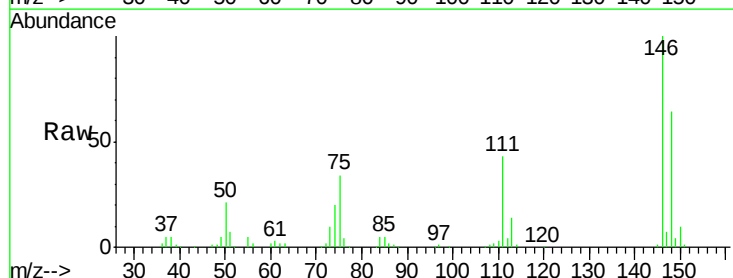
Instrument :
BNA_F
ClientSampleId :
S2MSD

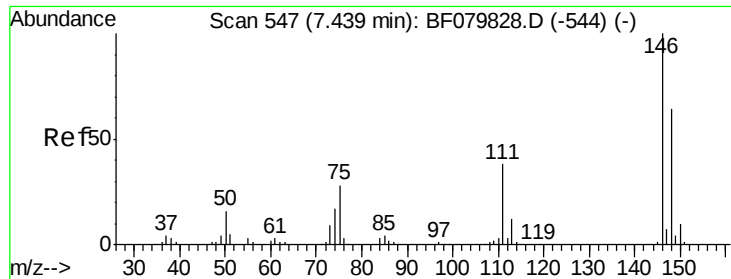
Tgt Ion: 93 Resp: 146317
Ion Ratio Lower Upper
93 100
63 85.9 68.6 108.6
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.91 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion: 146 Resp: 160882
Ion Ratio Lower Upper
146 100
148 63.6 48.9 73.3
75 34.5 31.3 46.9

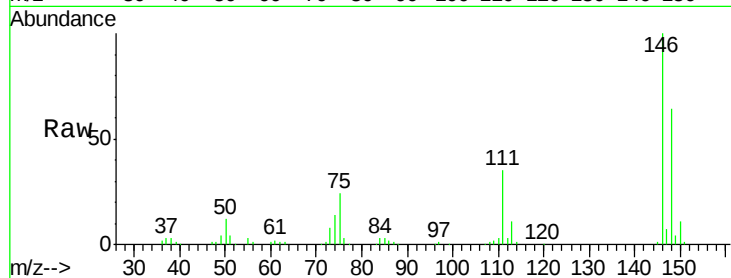




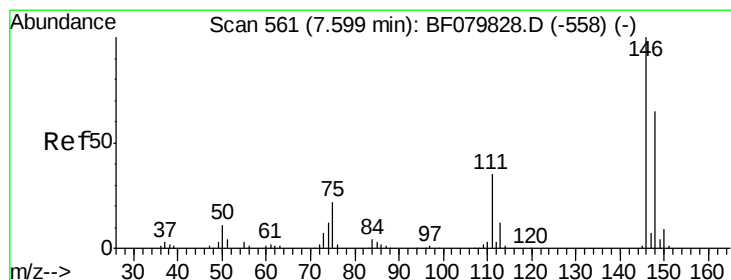
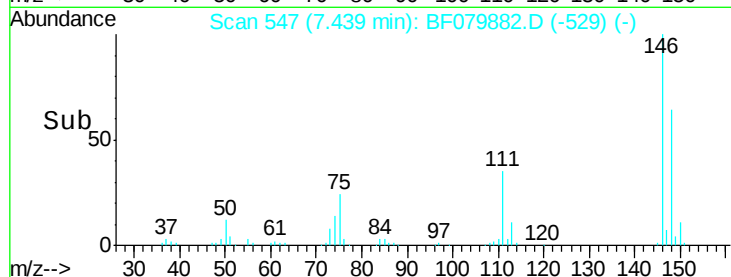
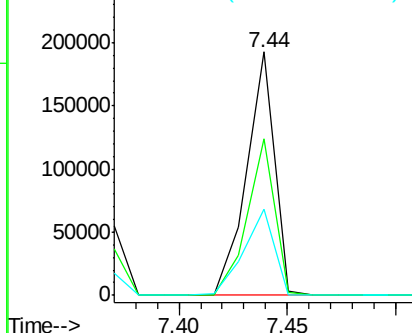
#13
 1,4-Dichlorobenzene
 Concen: 39.29 ng
 RT: 7.44 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Instrument :
 BNA_F
 ClientSampled :
 S2MSD

Tgt Ion:146 Resp: 170937
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 111 35.4 30.8 46.2

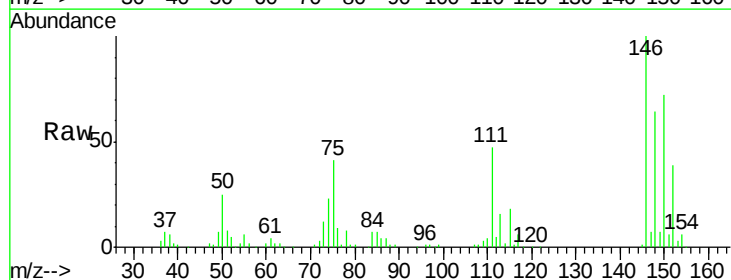


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

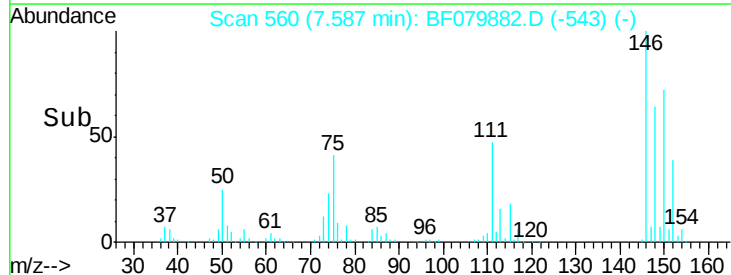
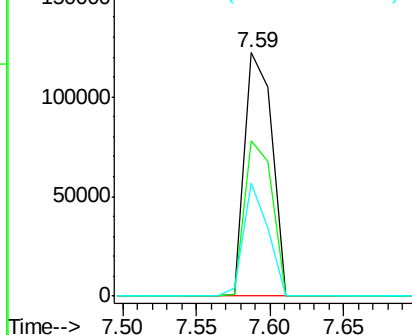


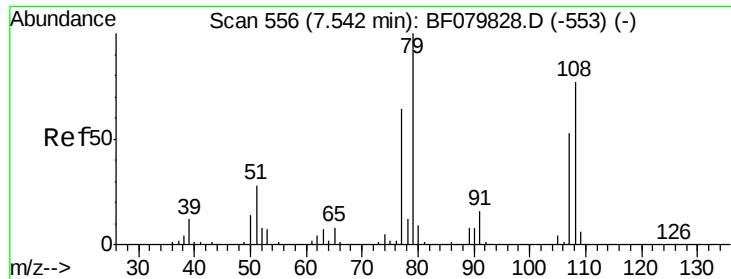
#14
 1,2-Dichlorobenzene
 Concen: 41.44 ng m
 RT: 7.59 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion:146 Resp: 156572
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 46.6 29.3 43.9#



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: 46.60 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

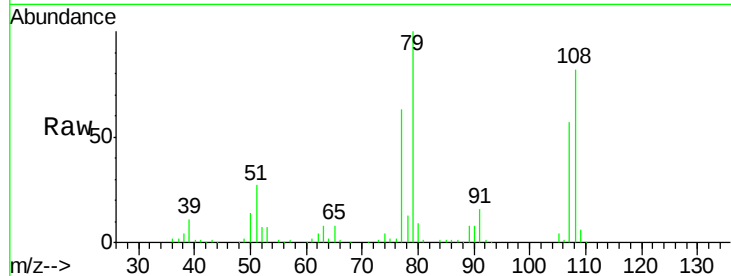
Tgt Ion: 79 Resp: 144522

Ion Ratio Lower Upper

79 100

108 82.2 60.6 91.0

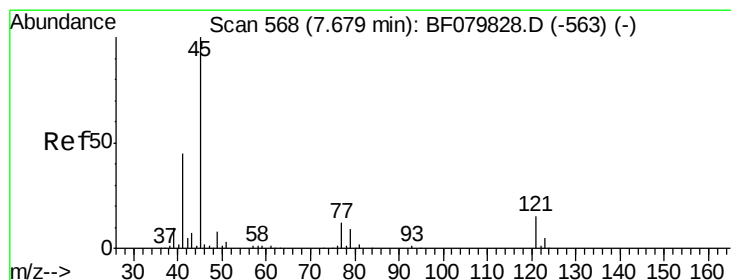
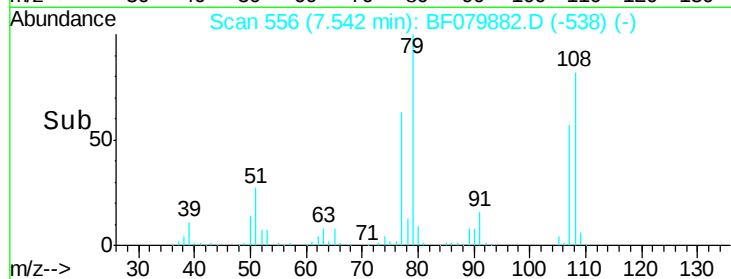
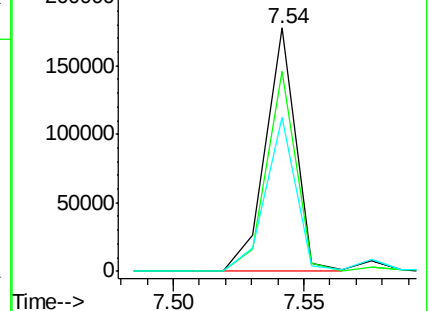
77 63.2 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.23 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

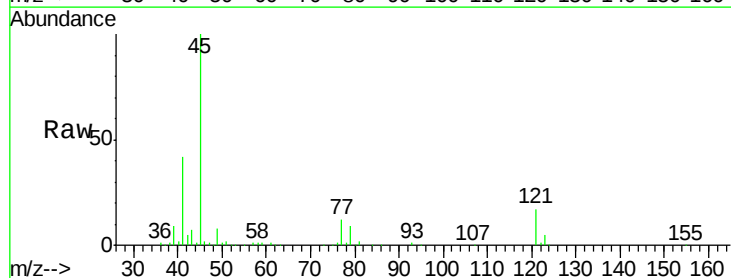
Tgt Ion: 45 Resp: 234139

Ion Ratio Lower Upper

45 100

77 12.3 0.0 33.6

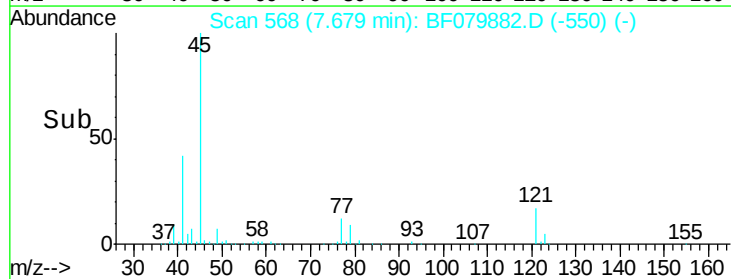
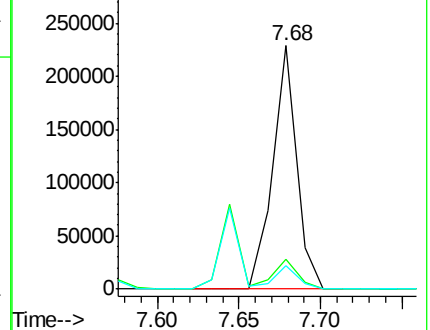
79 9.4 0.0 30.2

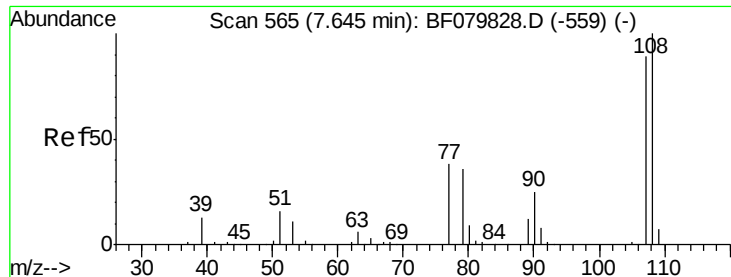


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

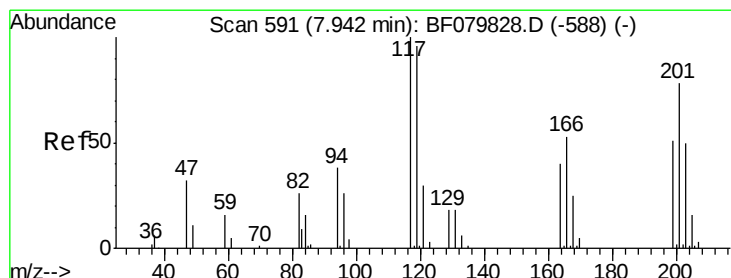
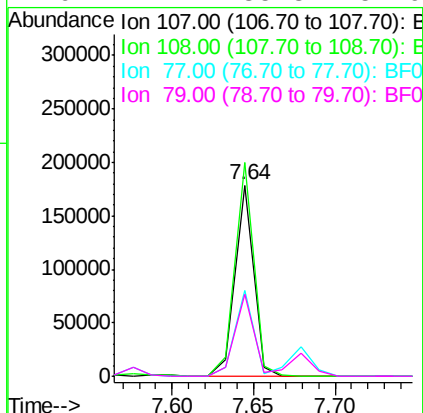
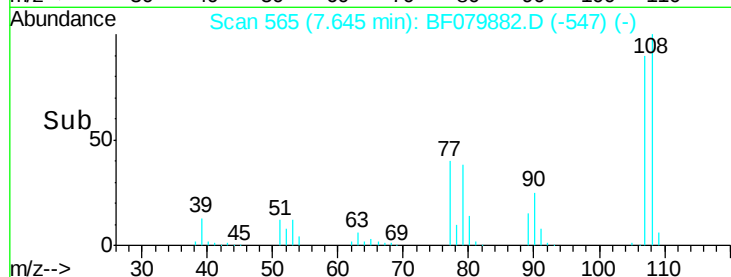
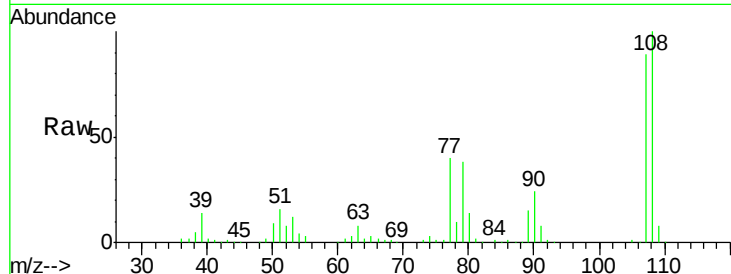




#17
2-Methylphenol
Concen: 48.31 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

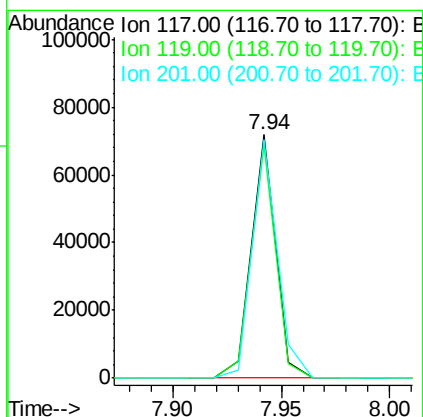
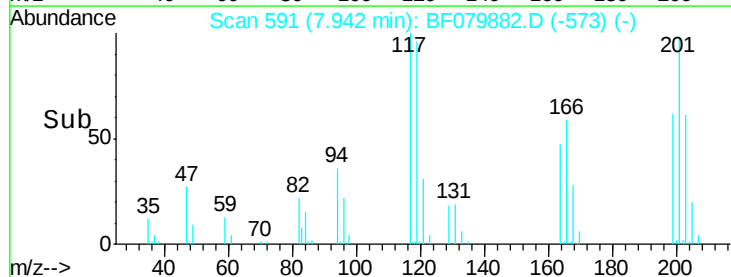
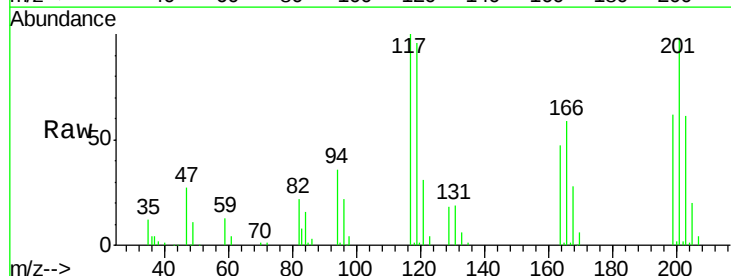
Instrument :
BNA_F
ClientSampleId :
S2MSD

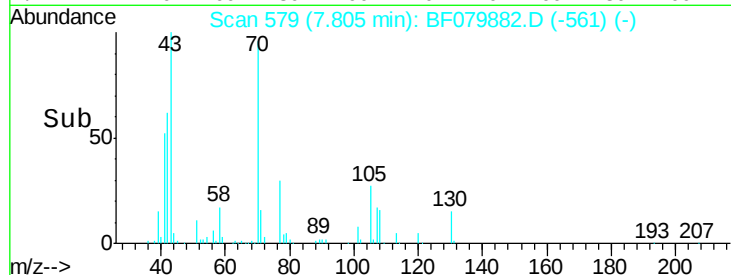
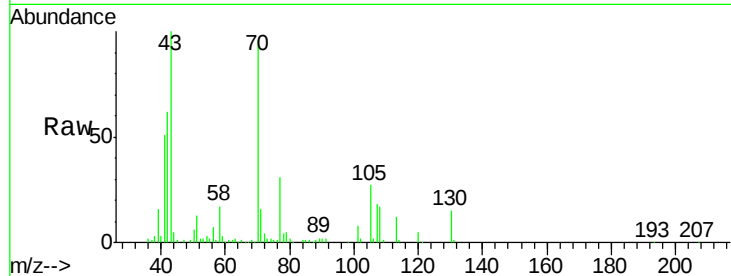
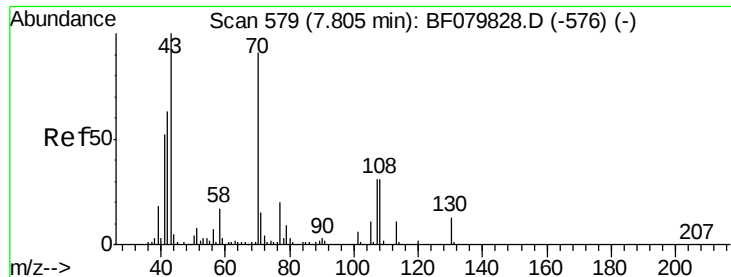
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.3	133.9
77	44.7	38.1	57.1
79	42.7	35.3	52.9



#18
Hexachloroethane
Concen: 41.36 ng
RT: 7.94 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	114.8
201	98.1	66.3	99.5

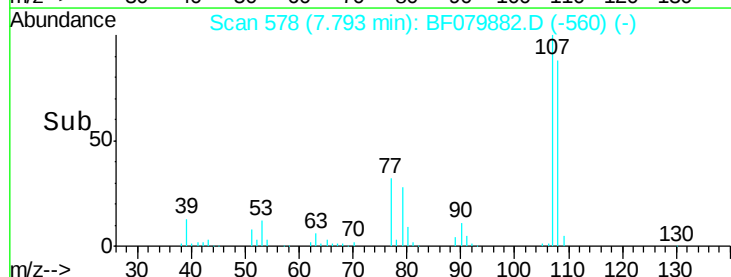
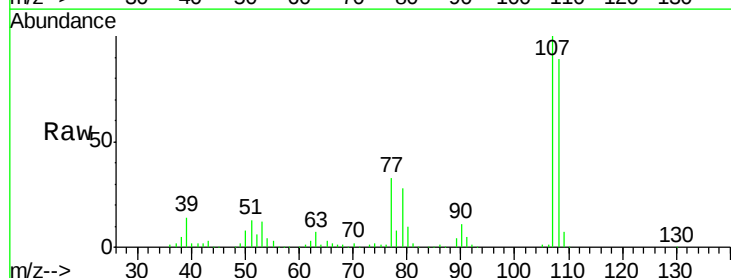
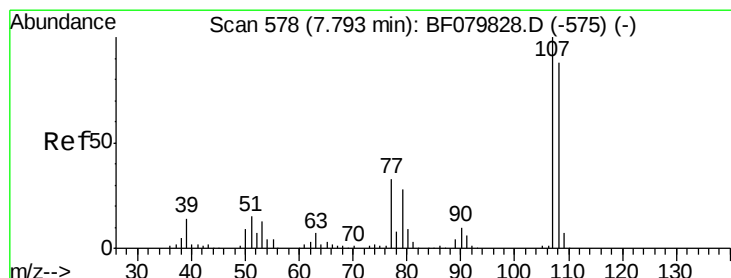
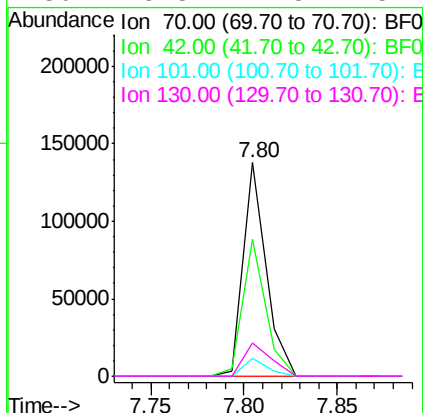




#19
n-Nitroso-di-n-propylamine
Concen: 44.19 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

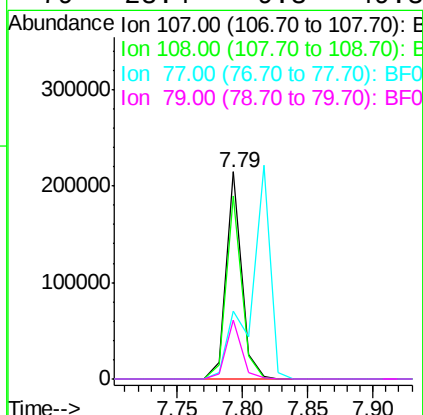
Instrument :
BNA_F
ClientSampleId :
S2MSD

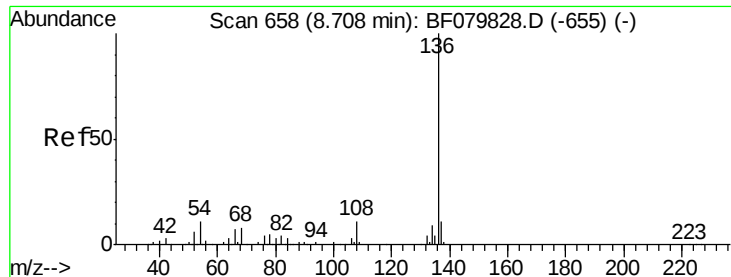
Tgt Ion:	70	Resp:	118400
Ion	Ratio	Lower	Upper
70	100		
42	64.3	49.3	73.9
101	8.3	6.6	9.8
130	15.8	12.5	18.7



#20
3+4-Methylphenols
Concen: 47.95 ng
RT: 7.79 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:	107	Resp:	178614
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.4	108.4
77	32.8	13.6	53.6
79	28.4	9.3	49.3

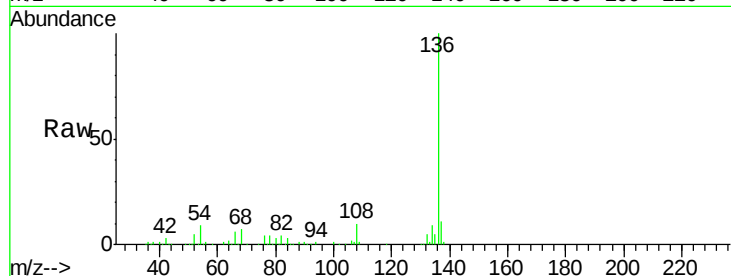




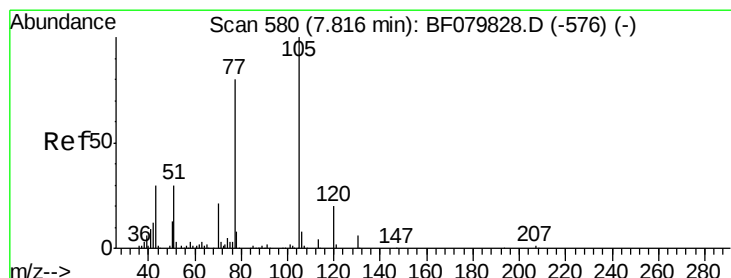
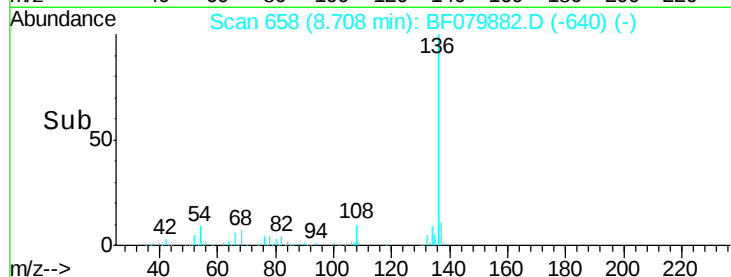
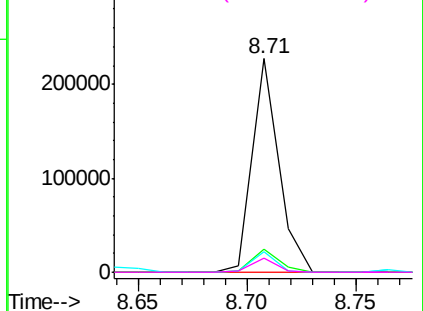
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Instrument :
BNA_F
ClientSampleId :
S2MSD

Tgt Ion:	136	Resp:	192371
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	9.3	8.1	12.1
68	6.7	4.8	7.2

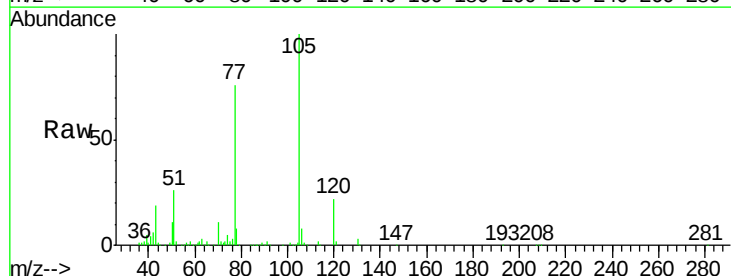


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

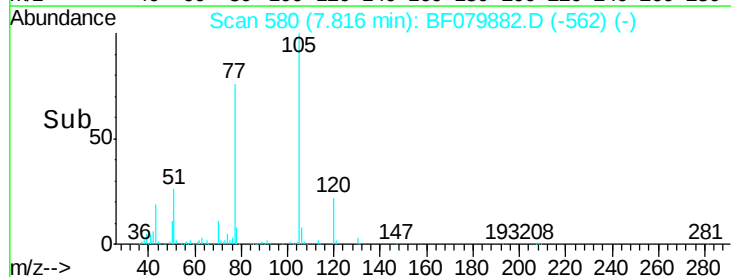
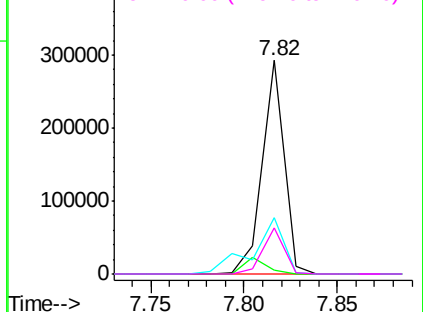


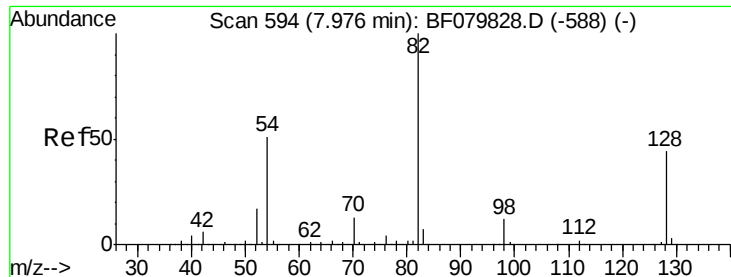
#22
Acetophenone
Concen: 49.38 ng
RT: 7.82 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:	105	Resp:	235696
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.5	2.3
51	26.5	22.3	33.5
120	21.8	16.8	25.2



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

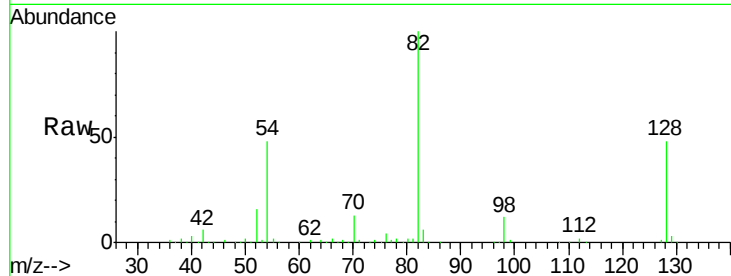




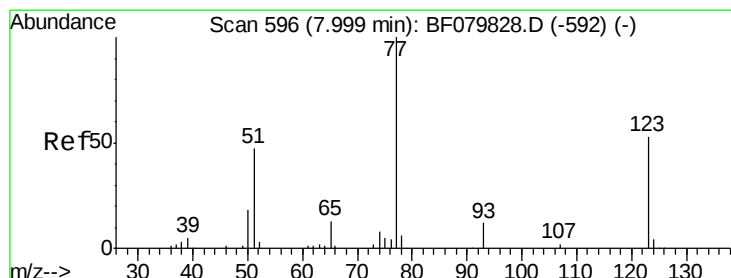
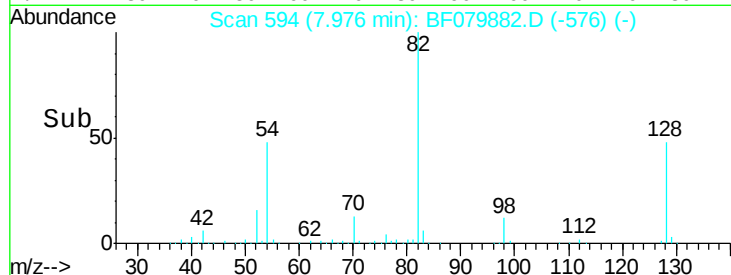
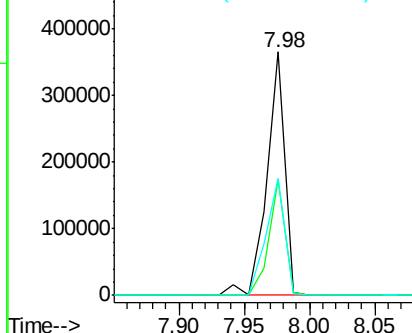
#23
 Nitrobenzene-d5
 Concen: 106.00 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Instrument :
 BNA_F
 ClientSampled :
 S2MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.2	52.8
54	48.0	39.2	58.8

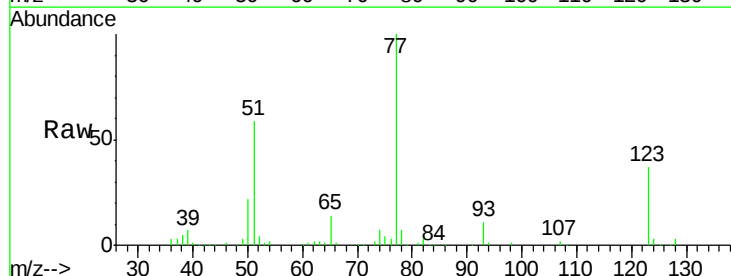


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

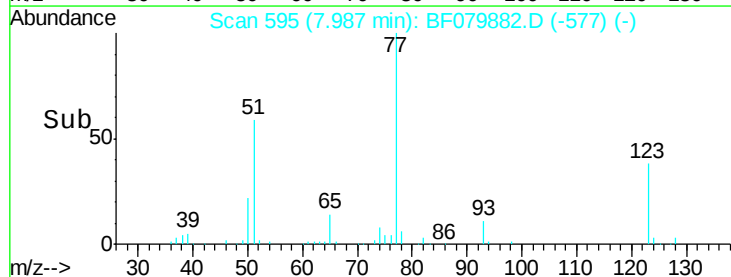
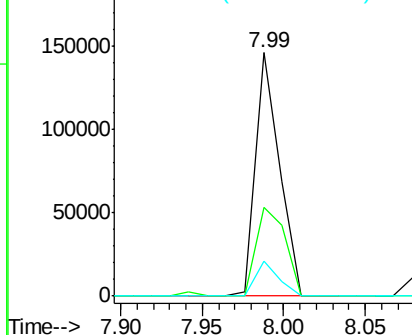


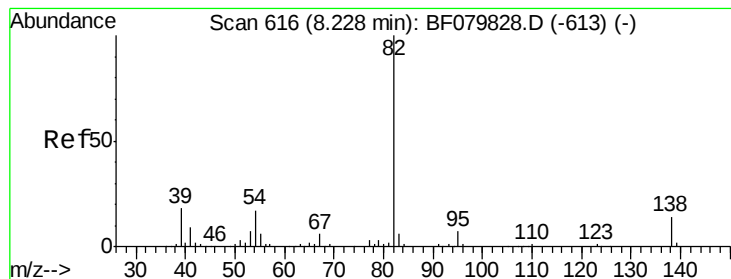
#24
 Nitrobenzene
 Concen: 44.65 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	26.0	39.0
65	14.4	12.0	18.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.39 ng

RT: 8.23 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

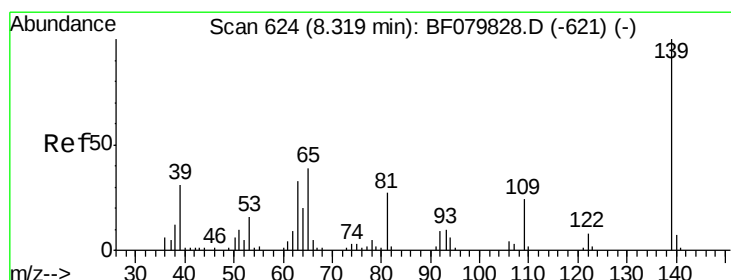
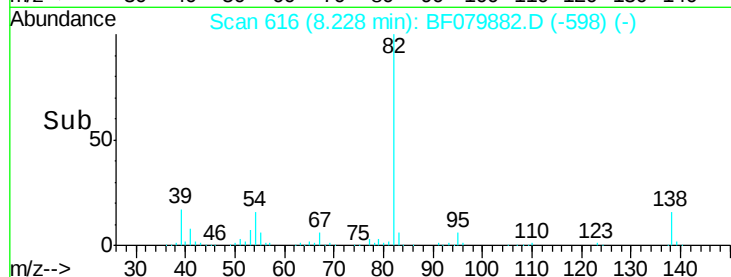
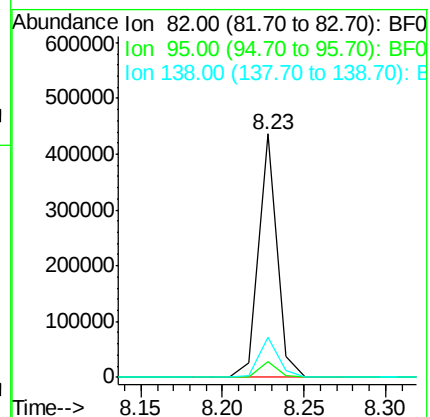
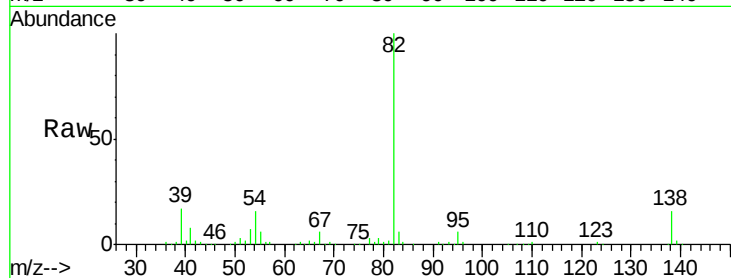
Tgt Ion: 82 Resp: 342856

Ion Ratio Lower Upper

82 100

95 6.5 5.7 8.5

138 16.3 12.2 18.4



#26

2-Nitrophenol

Concen: 39.96 ng

RT: 8.32 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

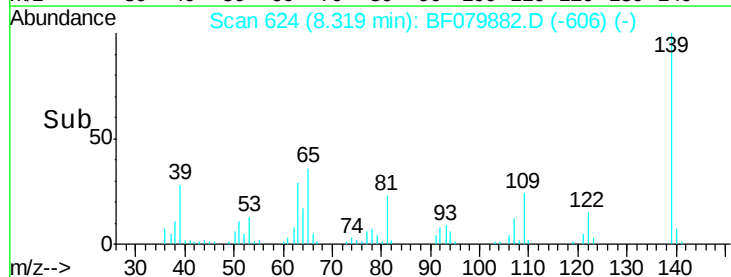
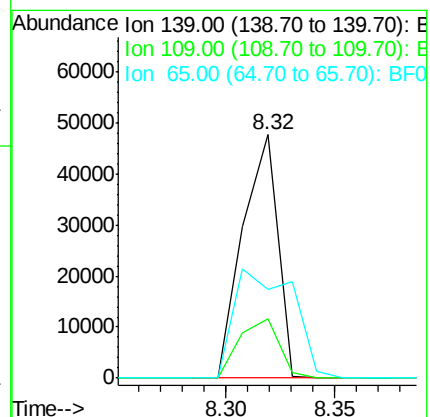
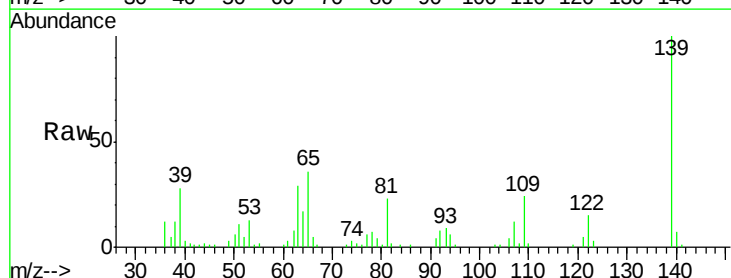
Tgt Ion: 139 Resp: 53399

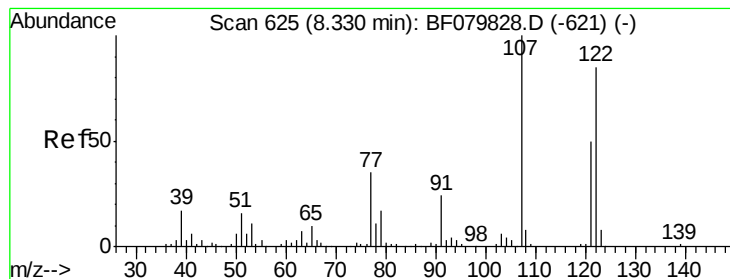
Ion Ratio Lower Upper

139 100

109 24.2 21.5 32.3

65 36.4 31.1 46.7





#27

2,4-Dimethylphenol

Concen: 49.88 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

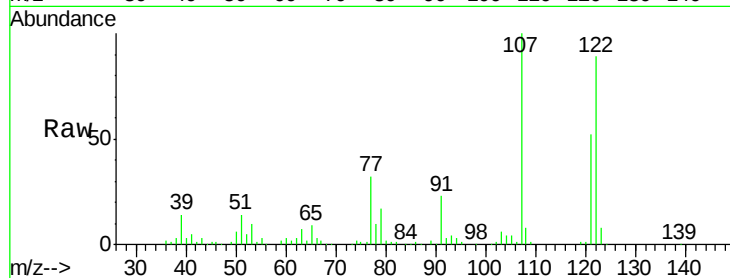
Tgt Ion: 122 Resp: 156311

Ion Ratio Lower Upper

122 100

107 112.5 95.3 142.9

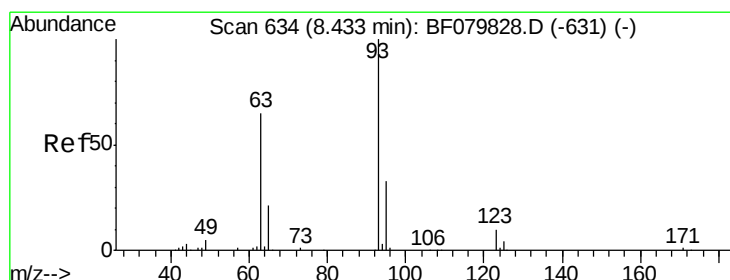
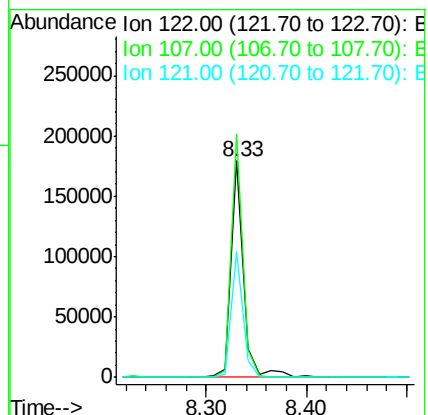
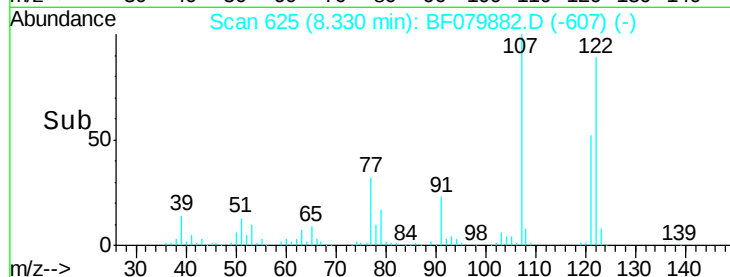
121 58.0 46.4 69.6



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: 45.59 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

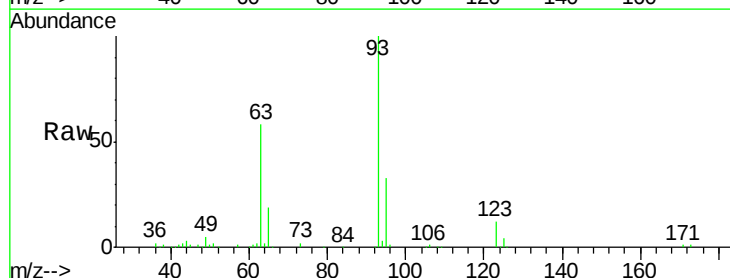
Tgt Ion: 93 Resp: 191687

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

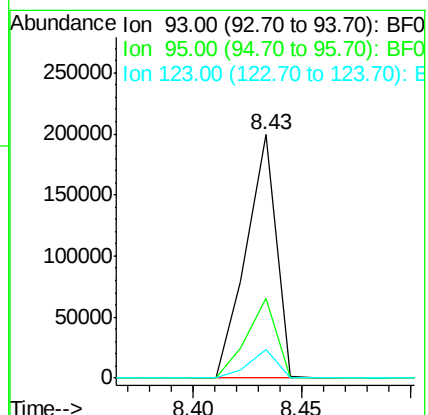
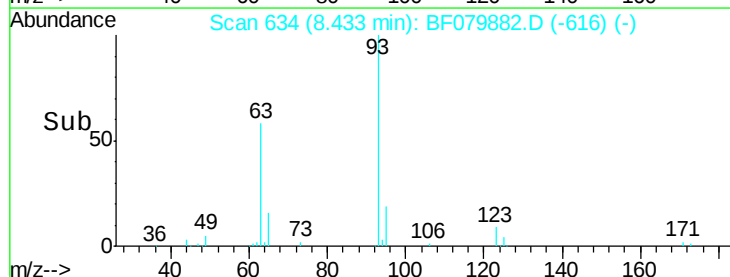
123 11.7 9.0 13.6

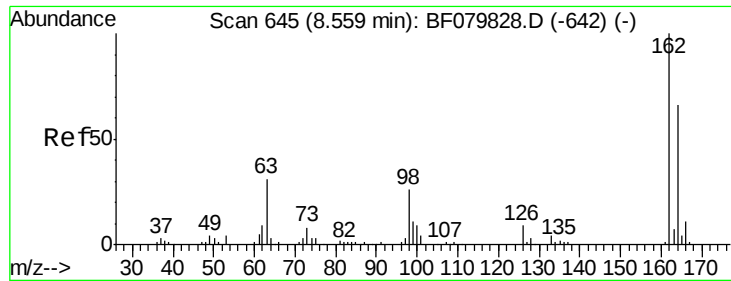


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

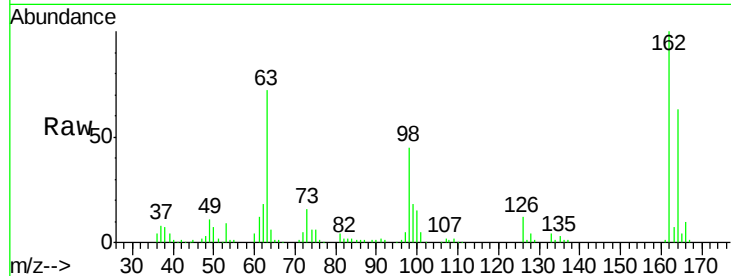




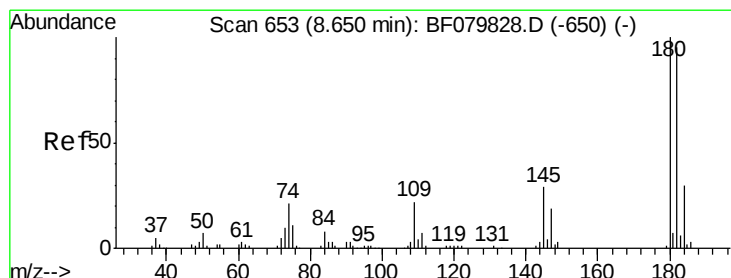
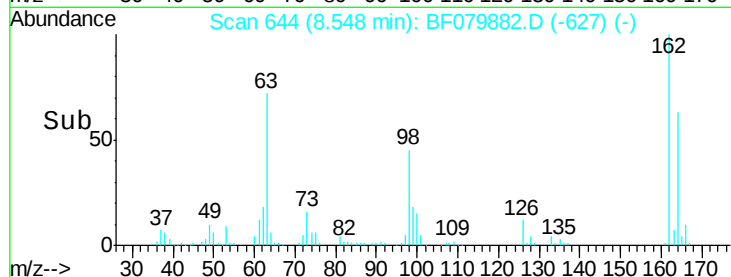
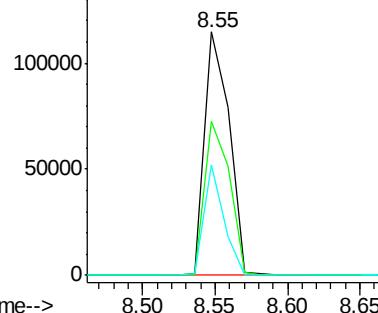
#29
2,4-Dichlorophenol
Concen: 50.64 ng
RT: 8.55 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Instrument :
BNA_F
ClientSampleId :
S2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.7	88.7
98	45.2	4.6	44.6

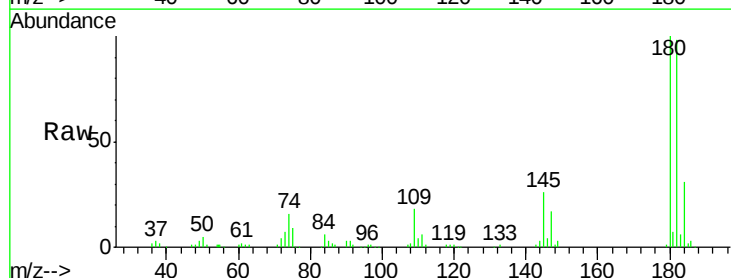


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

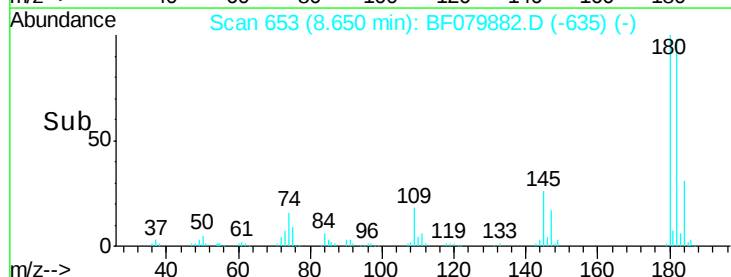
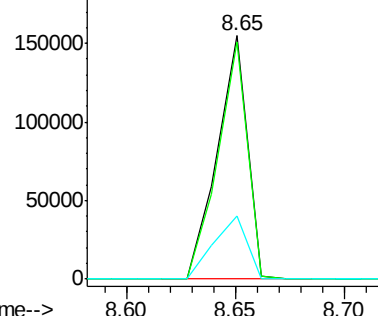


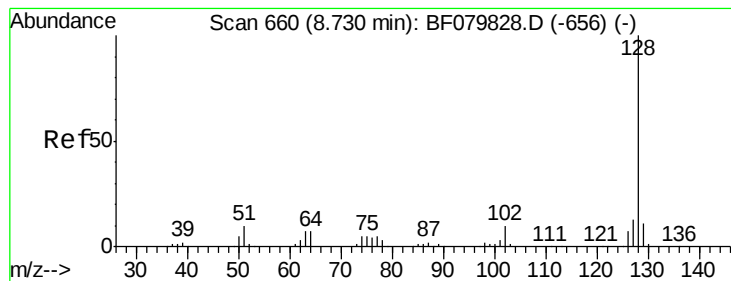
#30
1,2,4-Trichlorobenzene
Concen: 43.07 ng
RT: 8.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.0	114.0
145	25.9	23.7	35.5



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: 49.46 ng

RT: 8.73 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

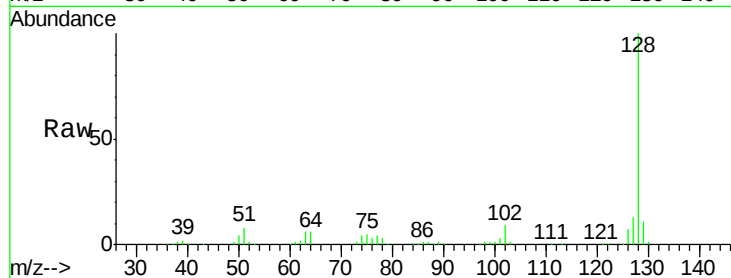
Tgt Ion:128 Resp: 506718

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

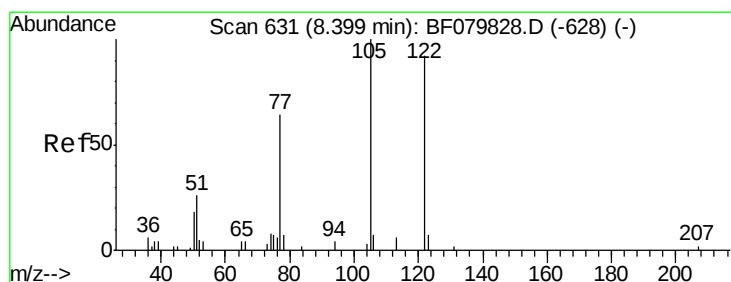
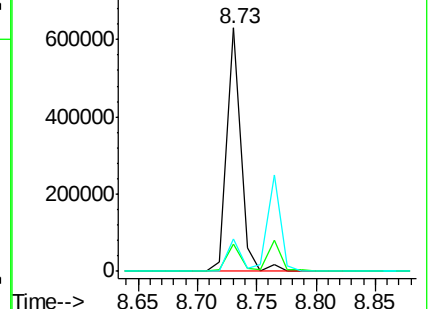
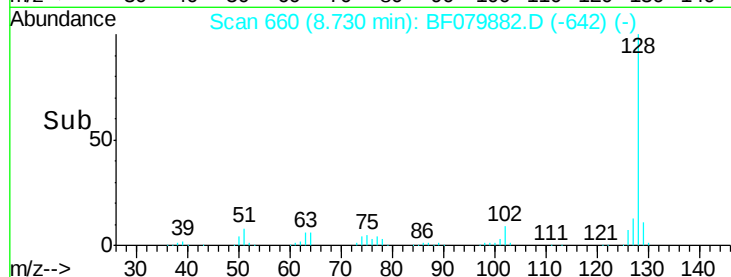
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 125.69 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.07 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

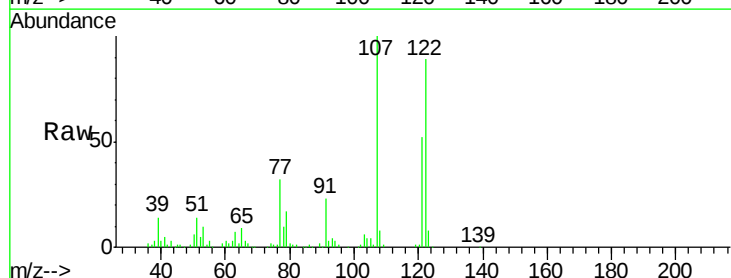
Tgt Ion:122 Resp: 156311

Ion Ratio Lower Upper

122 100

105 4.0 106.2 146.2#

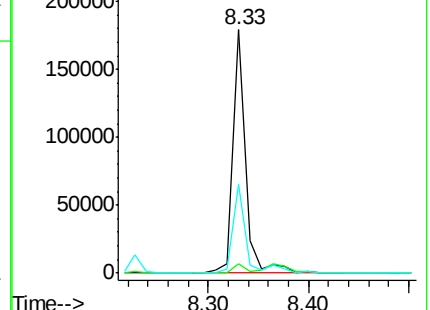
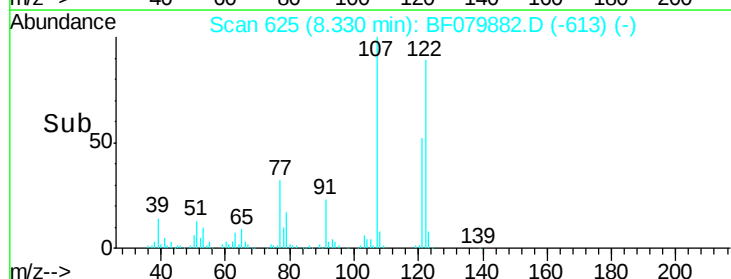
77 36.2 81.6 121.6#

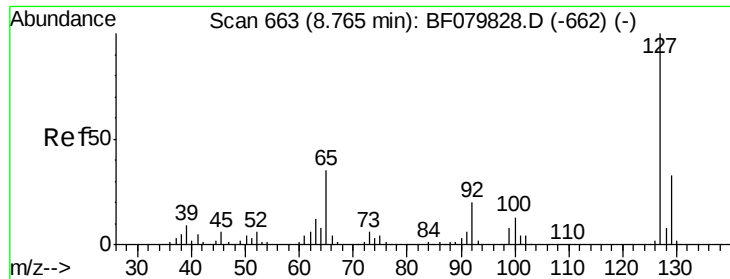


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

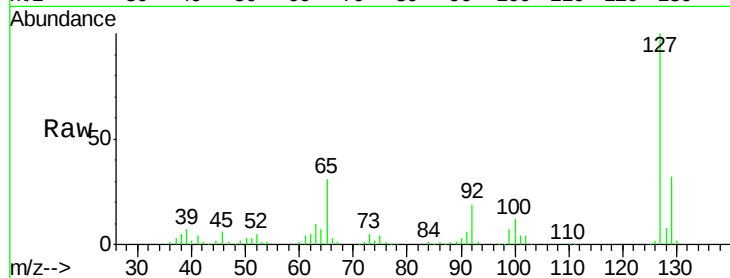




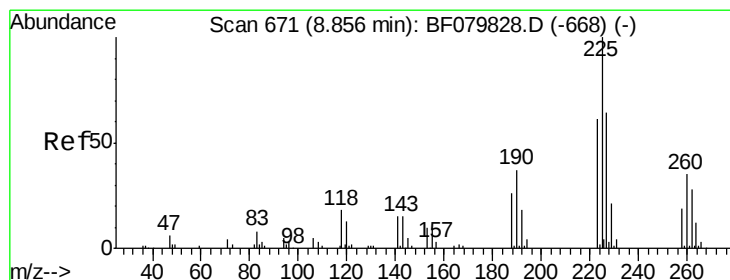
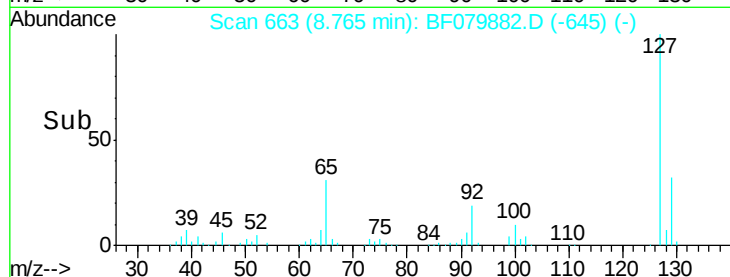
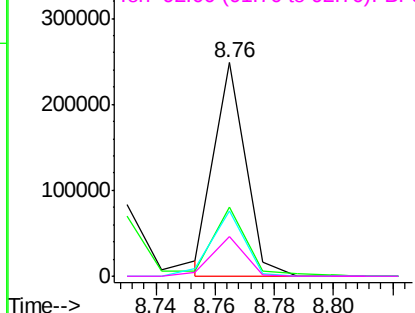
#33
4-Chloroaniline
Concen: 44.00 ng m
RT: 8.76 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Instrument :
BNA_F
ClientSampleId :
S2MSD

Tgt Ion:127 Resp: 182076
Ion Ratio Lower Upper
127 100
129 32.3 25.5 38.3
65 30.8 26.8 40.2
92 18.6 16.3 24.5

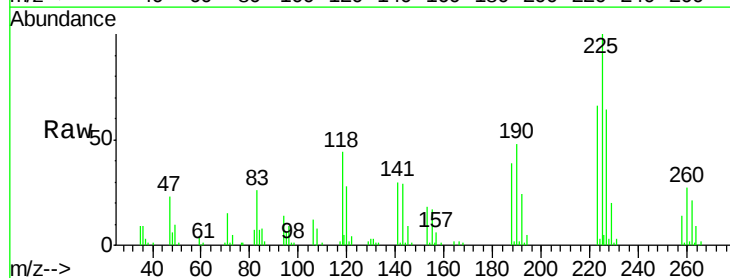


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

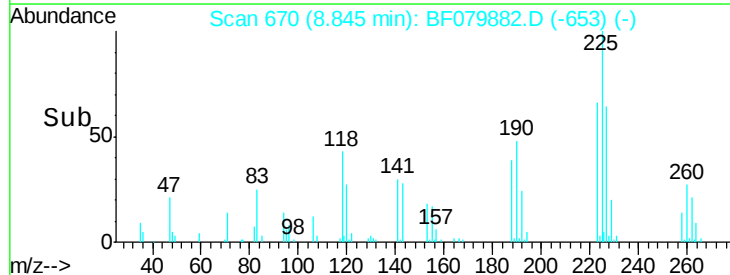
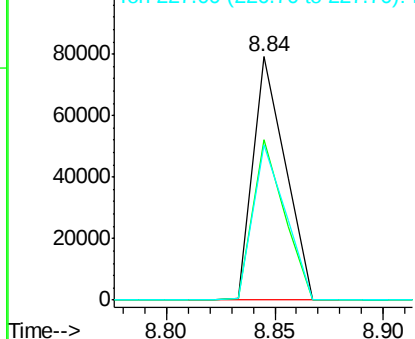


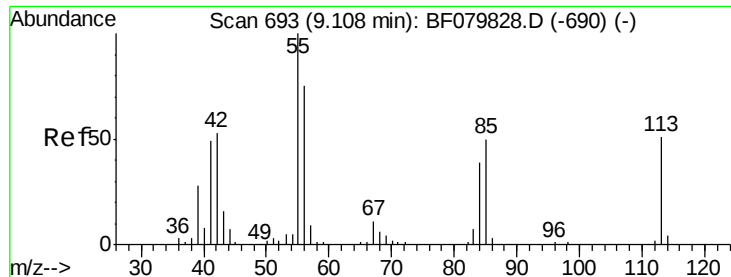
#34
Hexachlorobutadiene
Concen: 43.32 ng
RT: 8.84 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:225 Resp: 81876
Ion Ratio Lower Upper
225 100
223 65.8 49.4 74.2
227 64.0 53.7 80.5



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: 52.28 ng

RT: 9.10 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

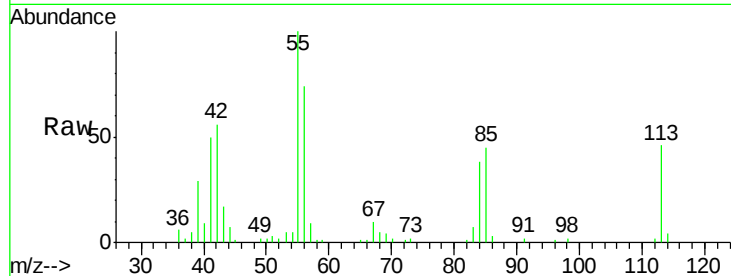
Tgt Ion:113 Resp: 40860

Ion Ratio Lower Upper

113 100

55 219.6 122.7 162.7#

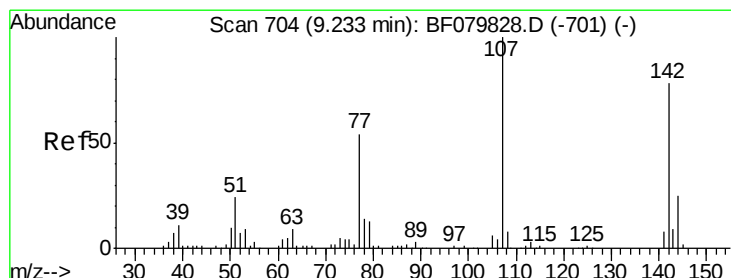
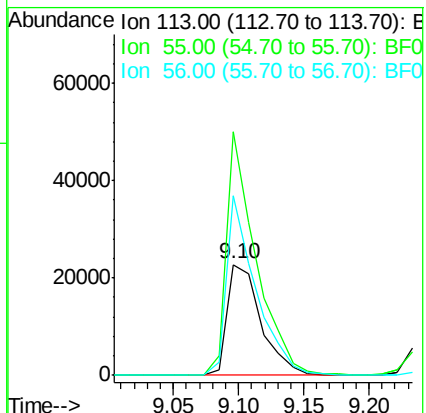
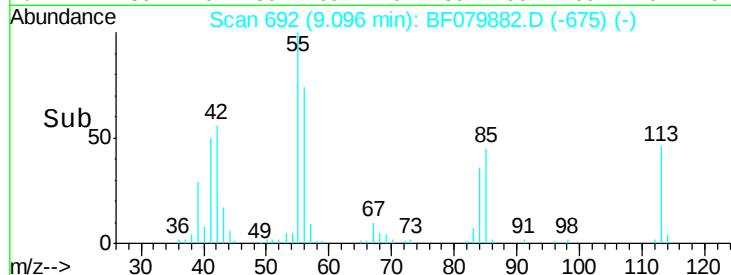
56 161.5 89.3 129.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 54.72 ng

RT: 9.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

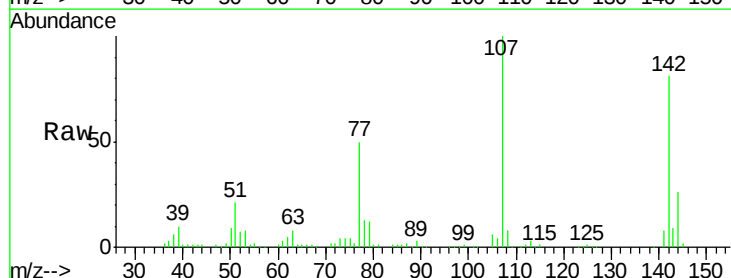
Tgt Ion:107 Resp: 158615

Ion Ratio Lower Upper

107 100

144 26.5 20.3 30.5

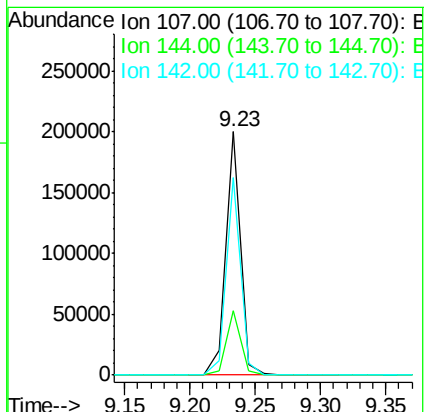
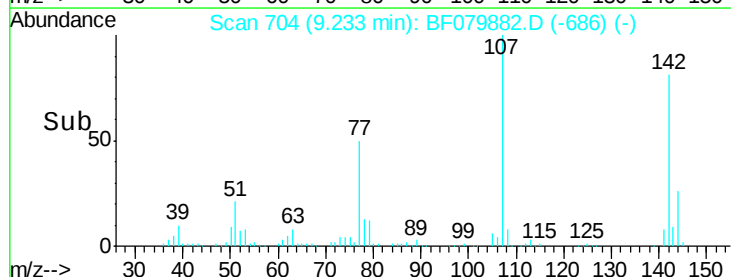
142 81.3 65.9 98.9

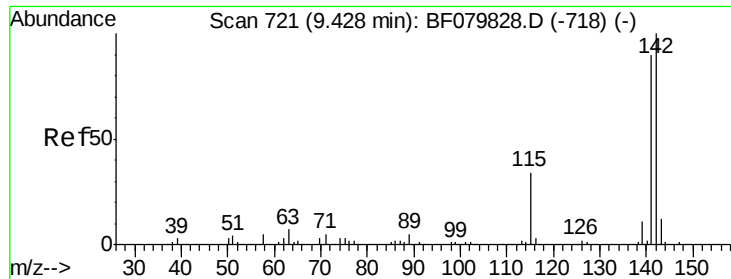


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

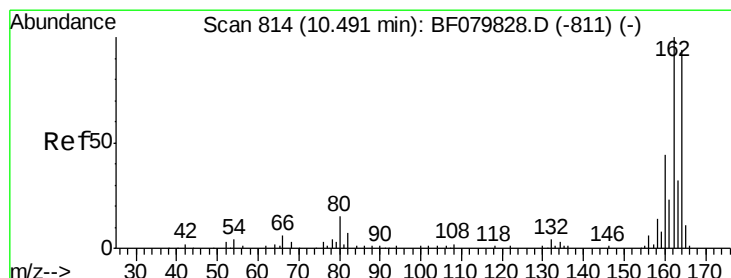
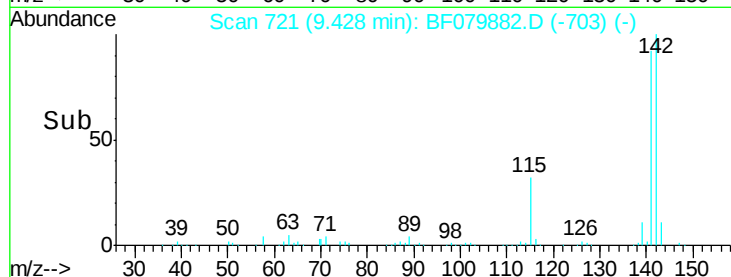
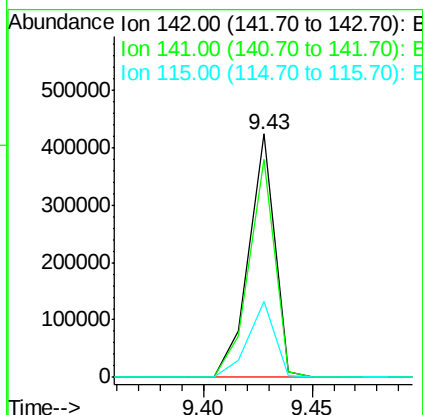
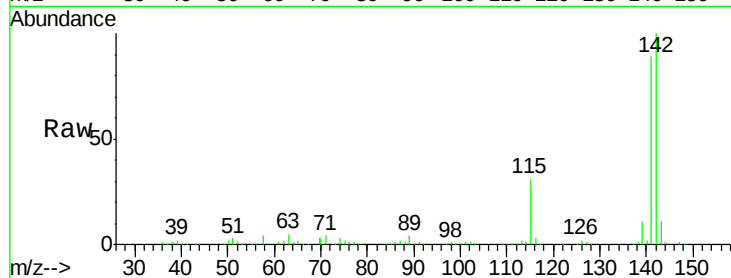




#37
 2-Methylnaphthalene
 Concen: 48.58 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

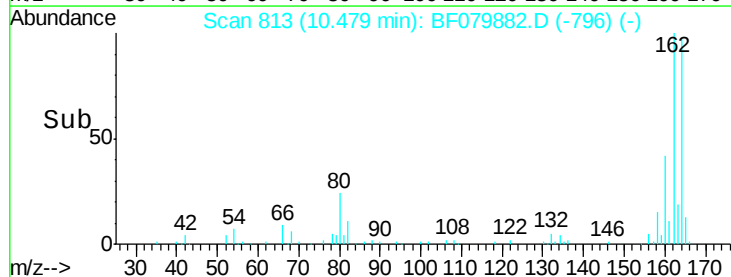
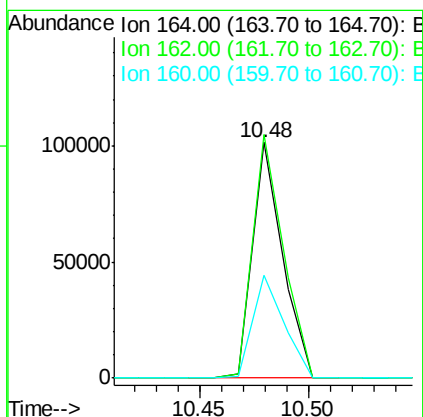
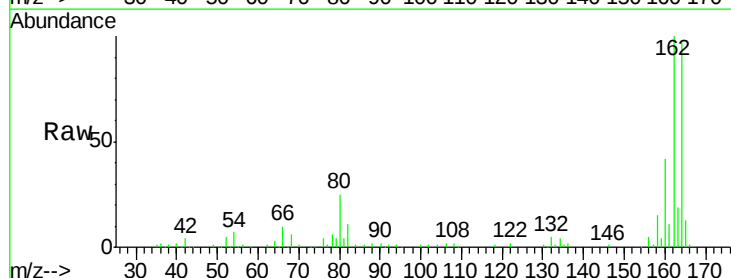
Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

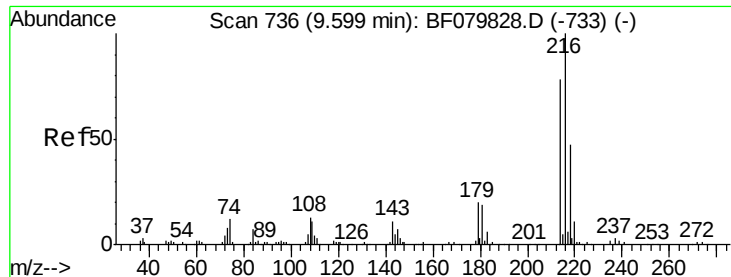
Tgt Ion:142 Resp: 353603
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.5 108.7
 115 31.0 27.3 40.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion:164 Resp: 97160
 Ion Ratio Lower Upper
 164 100
 162 103.3 89.8 134.8
 160 43.4 39.6 59.4

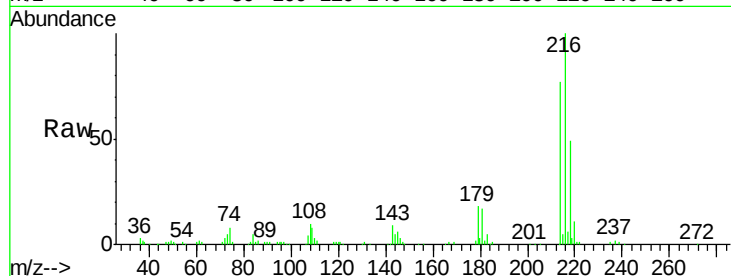




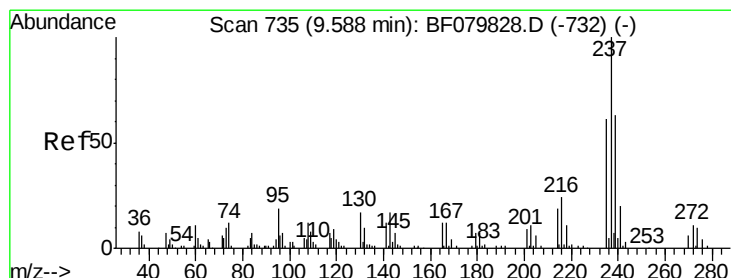
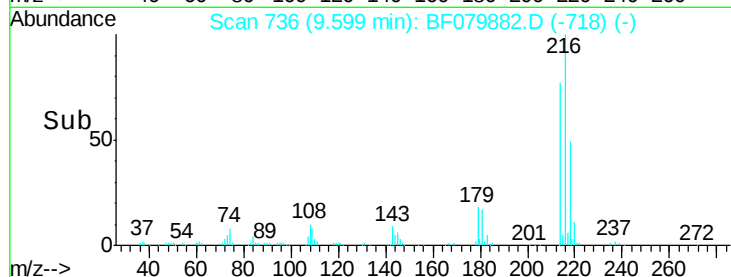
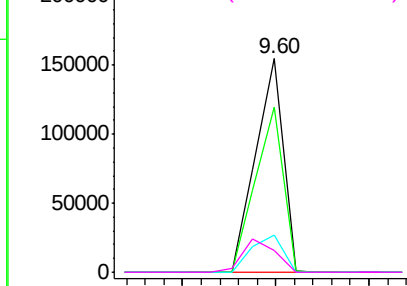
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.63 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

Tgt Ion:	216	Resp:	158375
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.1	94.7
179	19.8	17.1	25.7
108	18.5	13.4	20.2

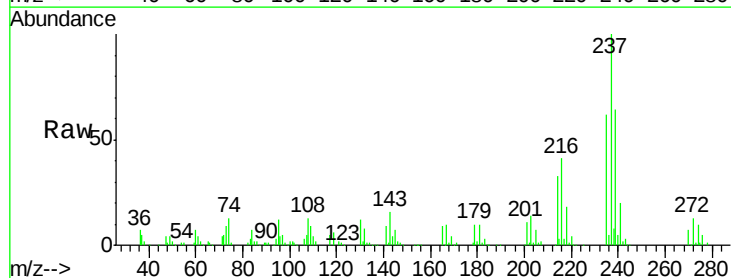


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

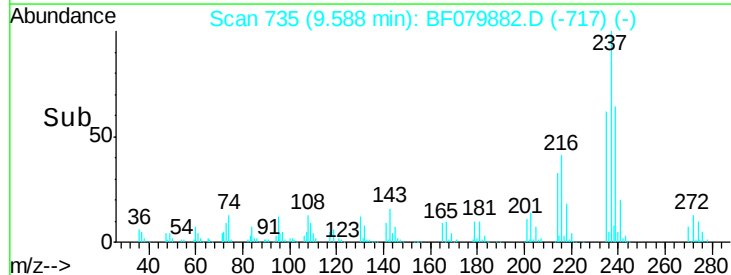
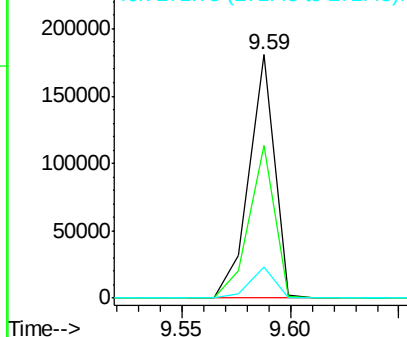


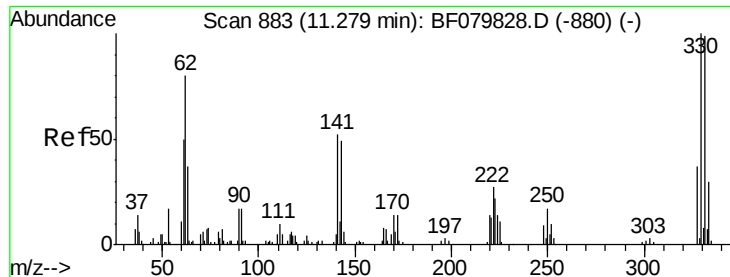
#40
 Hexachlorocyclopentadiene
 Concen: 90.79 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion:	237	Resp:	147335
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.6	0.0	31.5



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

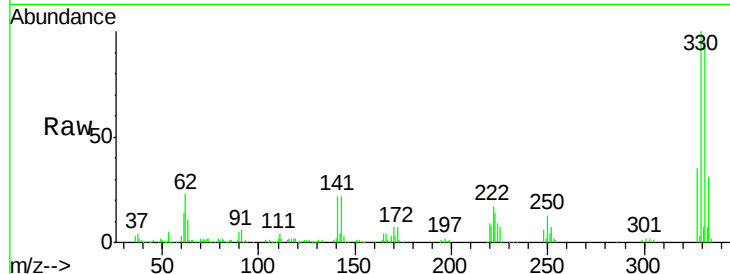




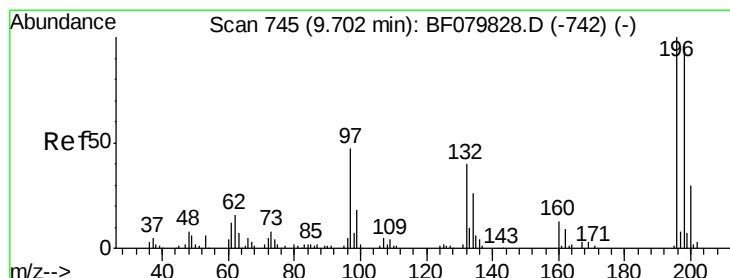
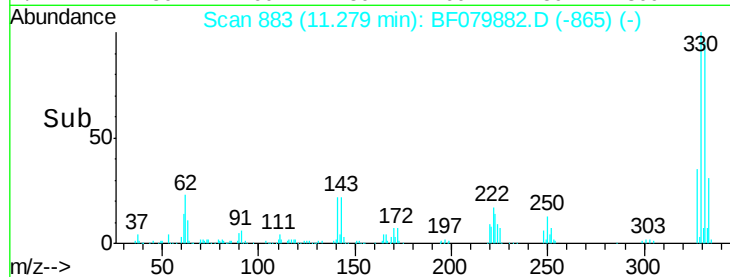
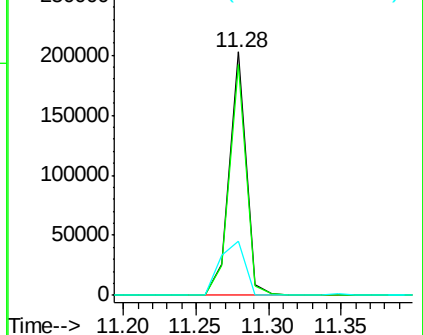
#41
 2,4,6-Tribromophenol
 Concen: 195.33 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Instrument :
 BNA_F
 ClientSampled :
 S2MSD

Tgt Ion: 330 Resp: 164238
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 33.2 29.1 43.7

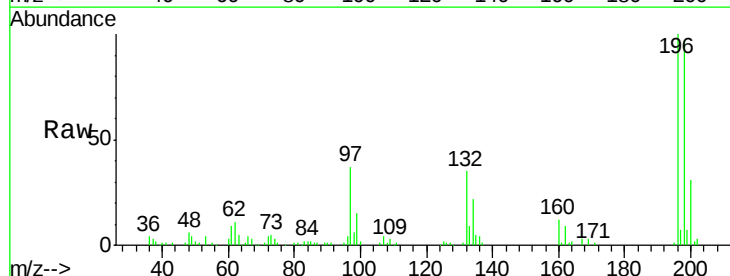


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

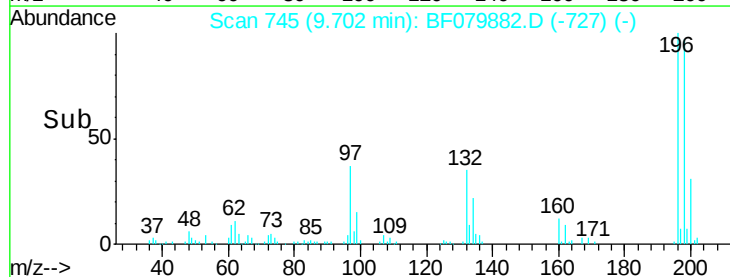
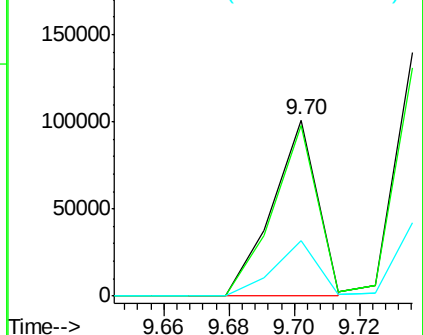


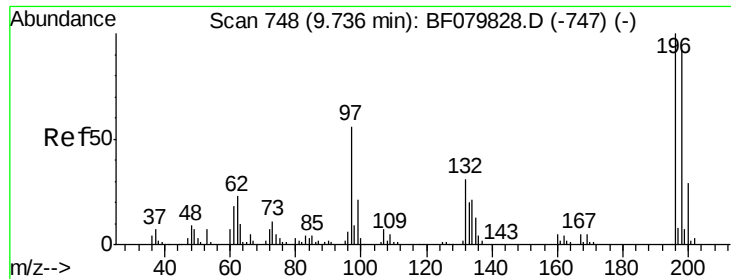
#42
 2,4,6-Trichlorophenol
 Concen: 47.16 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion: 196 Resp: 96739
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.9 115.3
 200 31.2 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

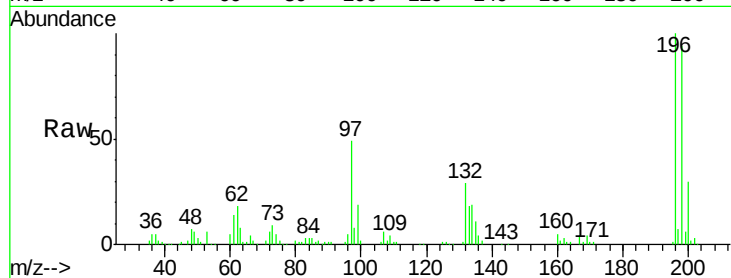




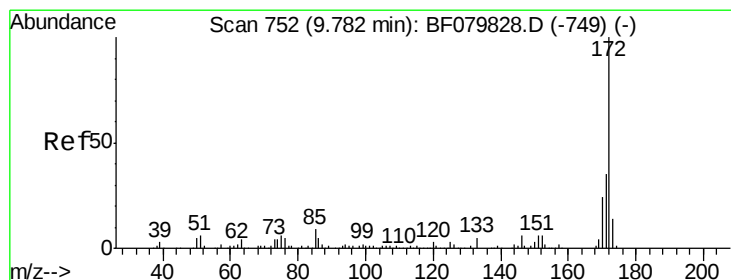
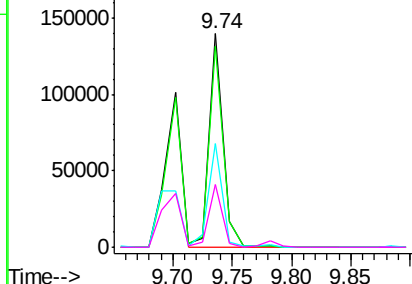
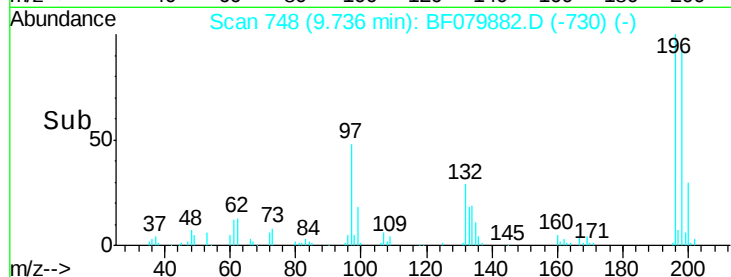
#43
 2,4,5-Trichlorophenol
 Concen: 53.95 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

Tgt Ion:	196	Resp:	114206
Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.8	116.8
97	48.6	41.3	61.9
132	29.1	23.9	35.9

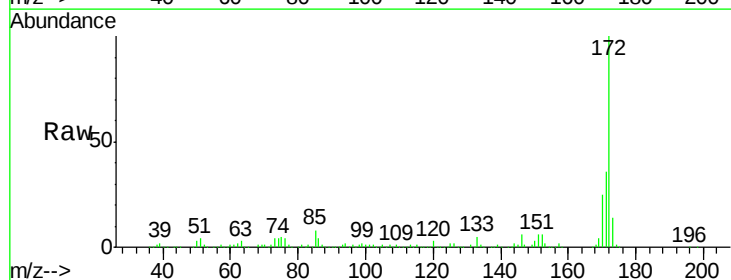


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

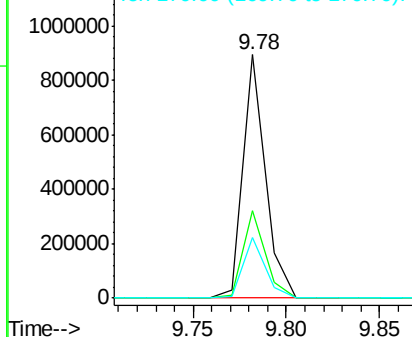
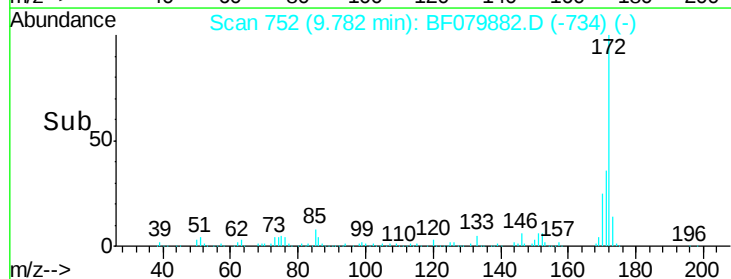


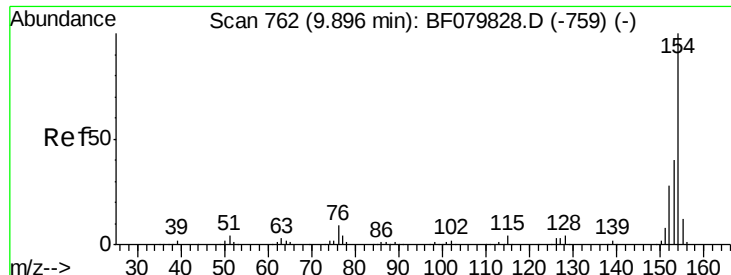
#44
 2-Fluorobiphenyl
 Concen: 108.16 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion:	172	Resp:	747154
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.7	18.8	28.2



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

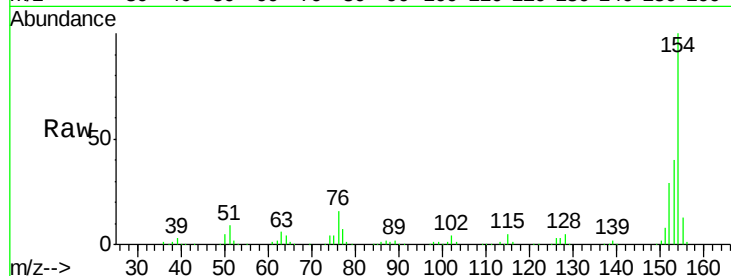




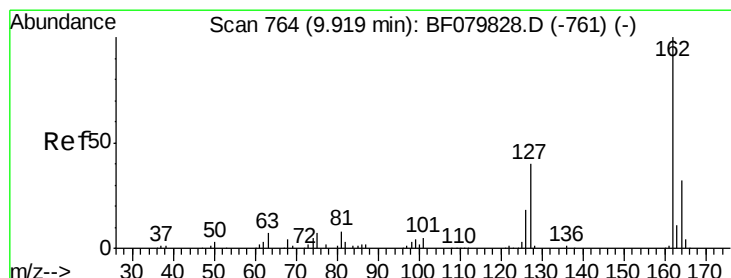
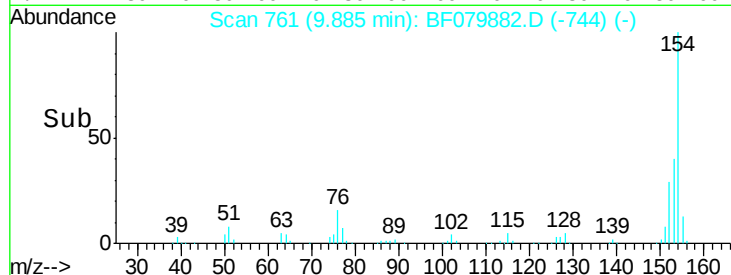
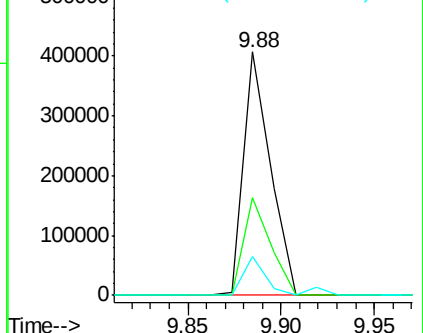
#45
 1,1'-Biphenyl
 Concen: 50.34 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	16.1	0.0	27.0

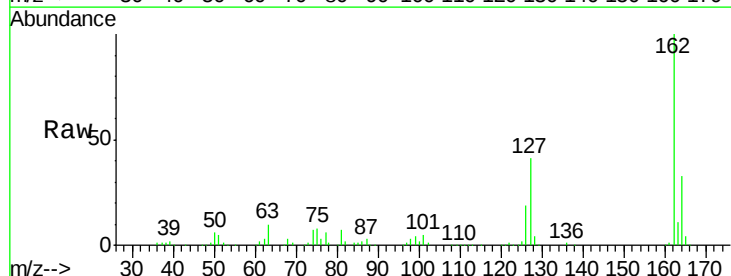


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

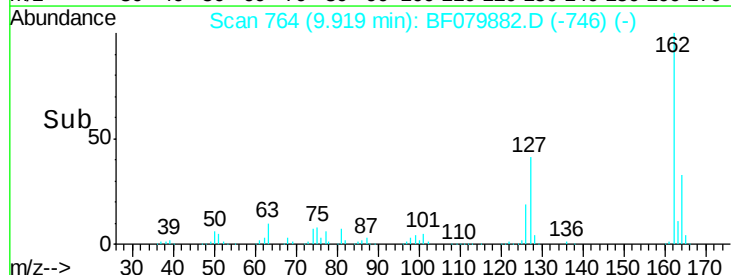
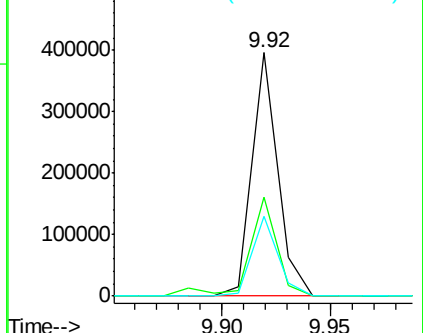


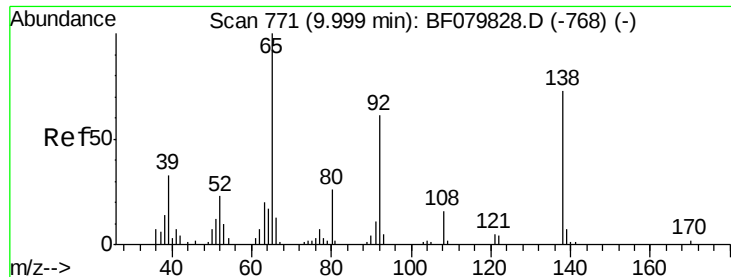
#46
 2-Chloronaphthalene
 Concen: 49.57 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.5	51.7
164	32.8	25.2	37.8



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

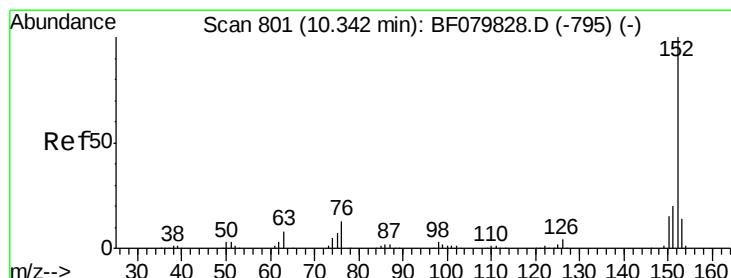
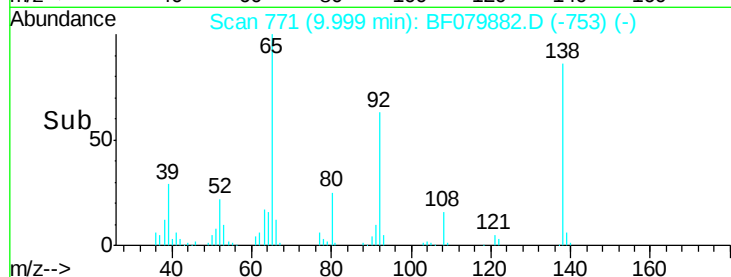
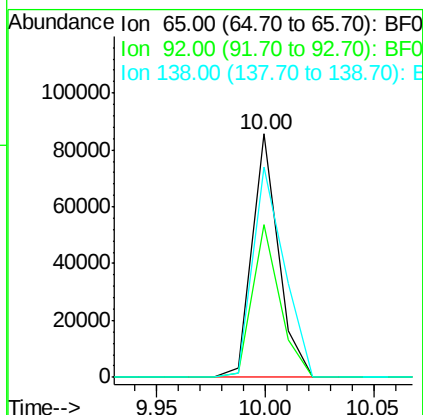
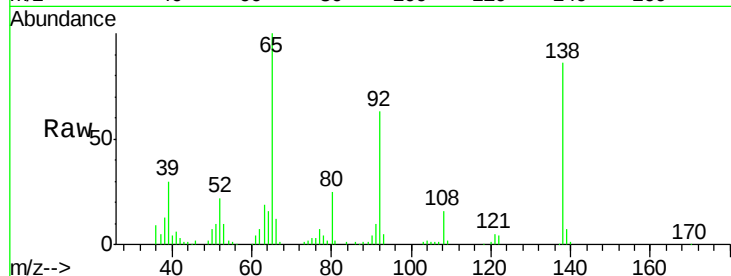




#47
2-Nitroaniline
Concen: 49.96 ng
RT: 10.00 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

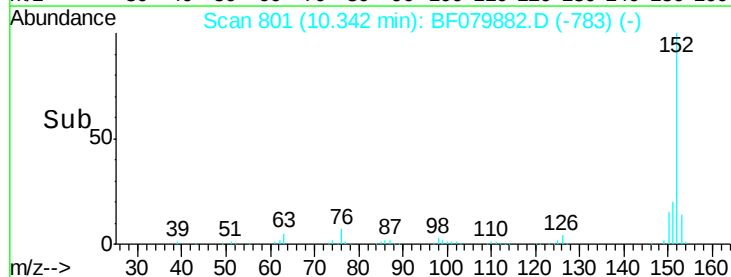
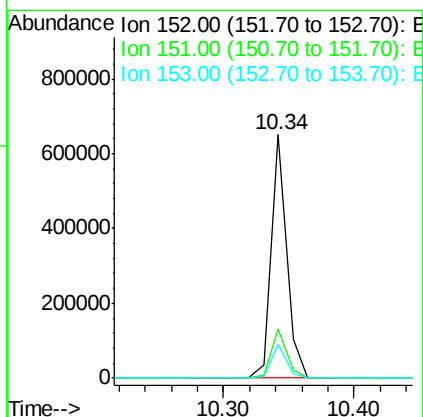
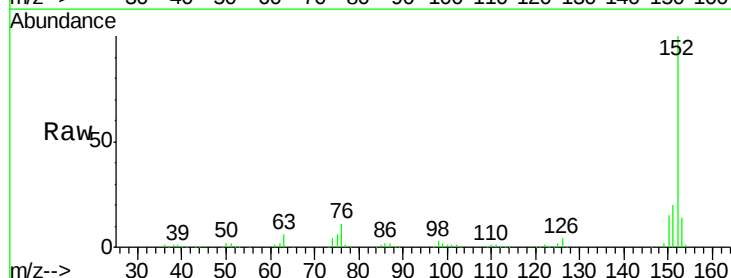
Instrument :
BNA_F
ClientSampleId :
S2MSD

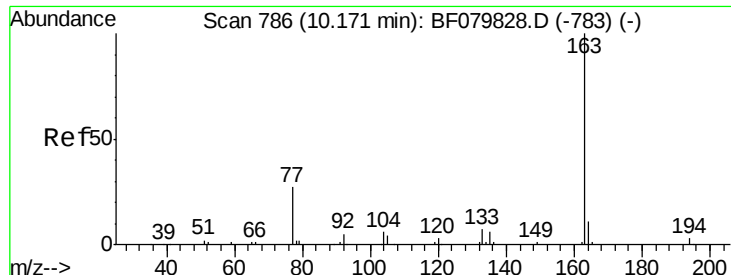
Tgt Ion: 65 Resp: 71995
Ion Ratio Lower Upper
65 100
92 62.8 50.3 75.5
138 86.2 63.4 95.0



#48
Acenaphthylene
Concen: 48.42 ng
RT: 10.34 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion: 152 Resp: 541579
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.8 10.4 15.6

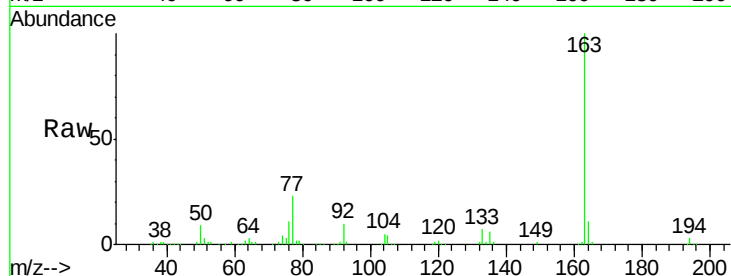




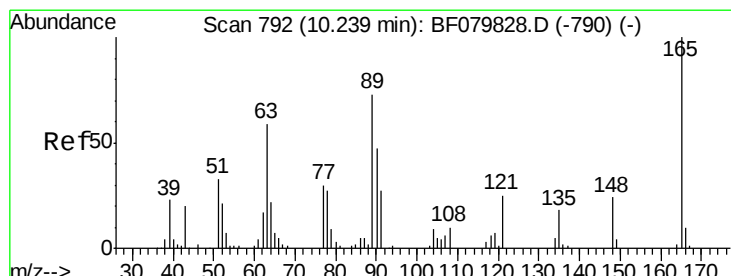
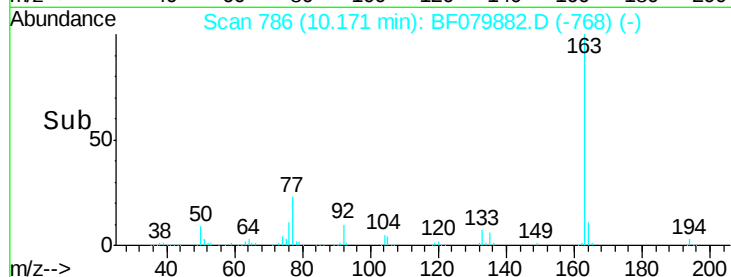
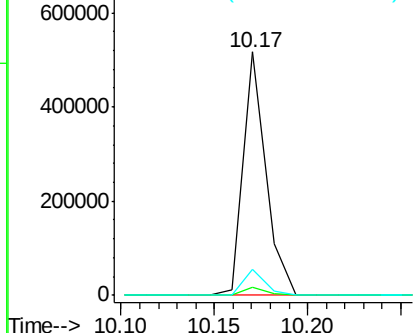
#49
Dimethylphthalate
Concen: 57.70 ng
RT: 10.17 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Instrument :
BNA_F
ClientSampleId :
S2MSD

Tgt Ion:163 Resp: 437058
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.8 7.9 11.9

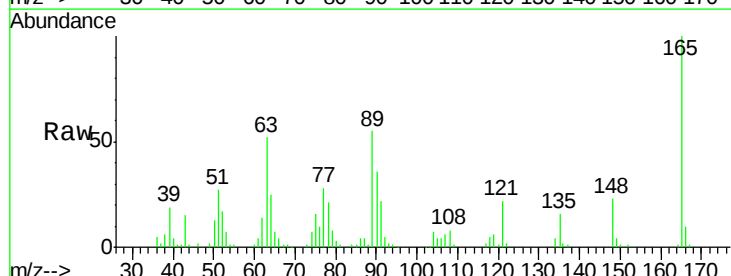


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

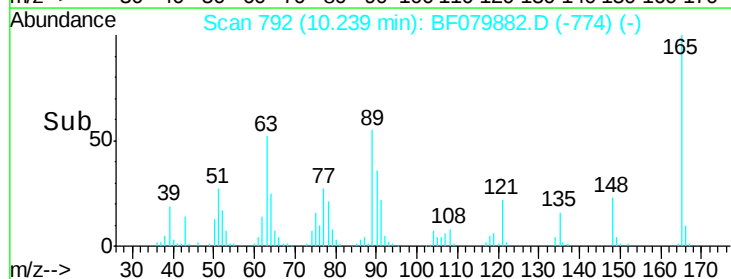
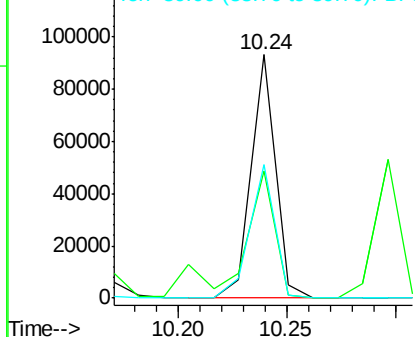


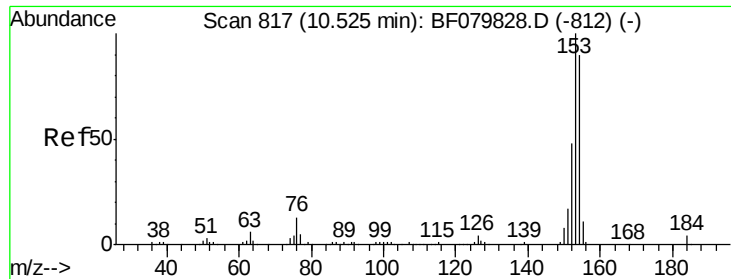
#50
2,6-Dinitrotoluene
Concen: 54.97 ng
RT: 10.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:165 Resp: 72233
Ion Ratio Lower Upper
165 100
63 52.0 47.8 71.8
89 54.6 48.2 72.4



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

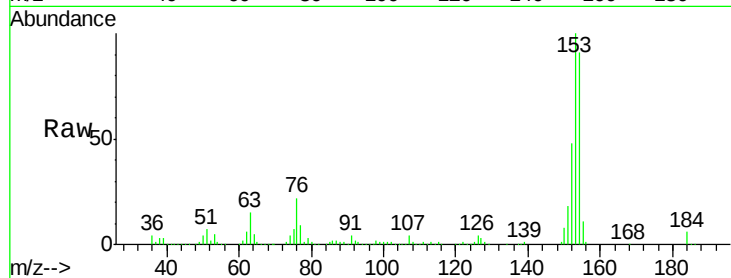




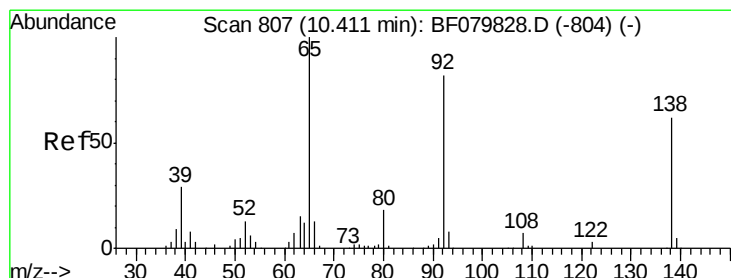
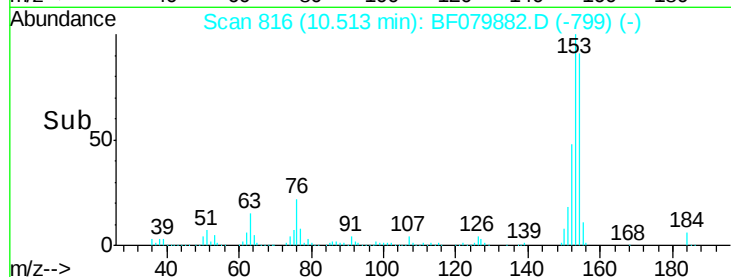
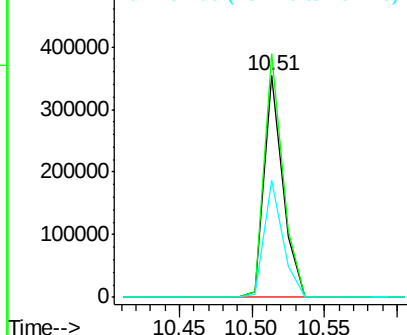
#51
Acenaphthene
Concen: 48.17 ng
RT: 10.51 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Instrument :
BNA_F
ClientSampleId :
S2MSD

Tgt Ion:154 Resp: 315131
Ion Ratio Lower Upper
154 100
153 109.9 90.3 135.5
152 52.6 42.1 63.1

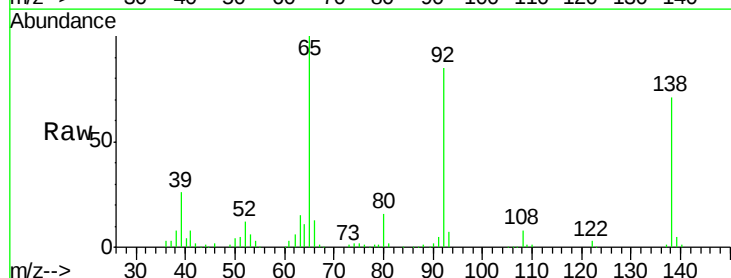


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

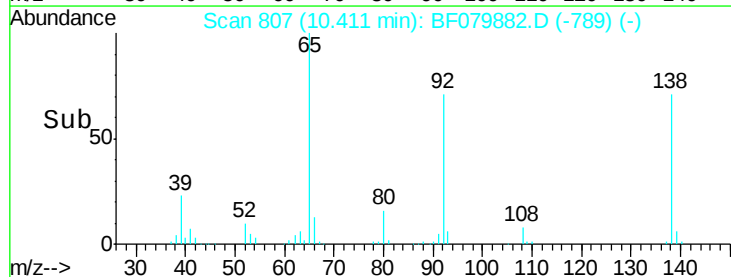
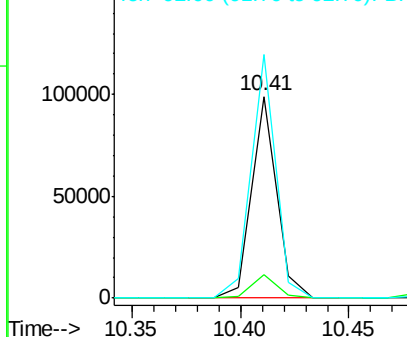


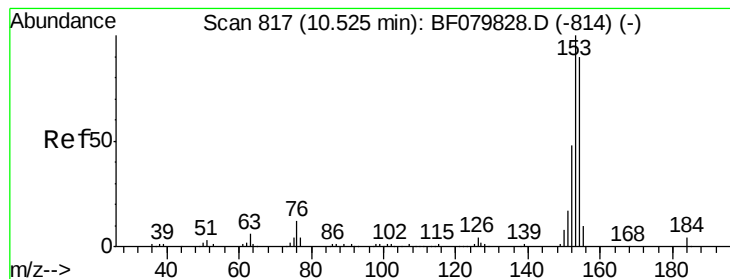
#52
3-Nitroaniline
Concen: 48.97 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:138 Resp: 79136
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 120.6 101.4 152.0



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





#53

2,4-Dinitrophenol

Concen: 70.18 ng

RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

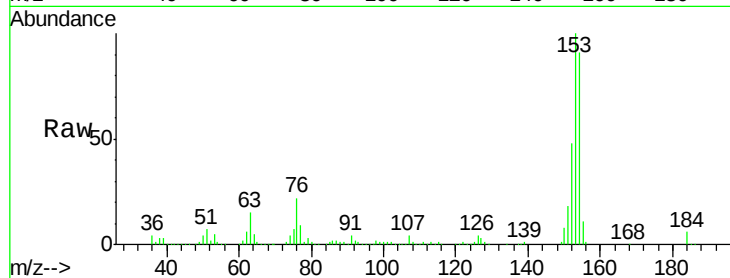
Tgt Ion:184 Resp: 24977

Ion Ratio Lower Upper

184 100

63 247.4 231.7 347.5

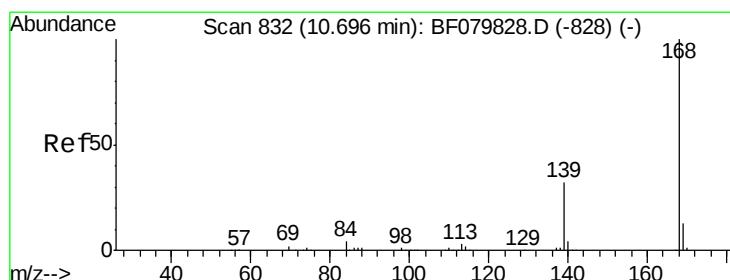
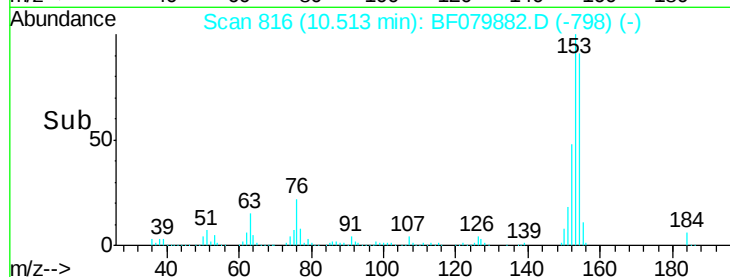
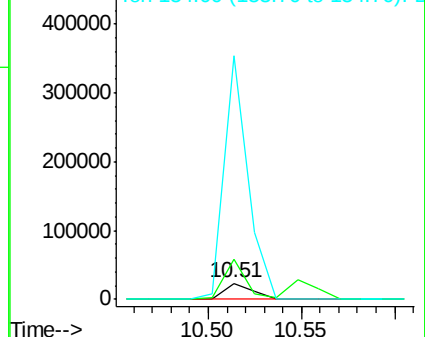
154 1497.6 1501.4 2252.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 52.00 ng

RT: 10.68 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

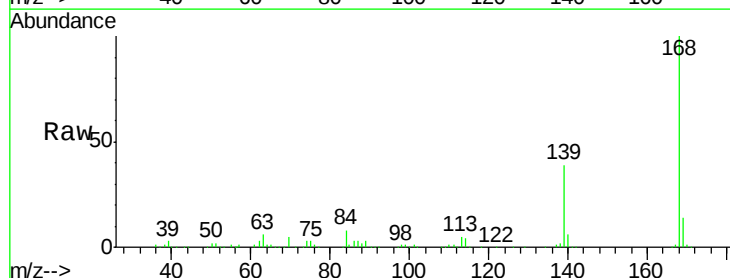
Tgt Ion:168 Resp: 476441

Ion Ratio Lower Upper

168 100

139 38.9 34.5 51.7

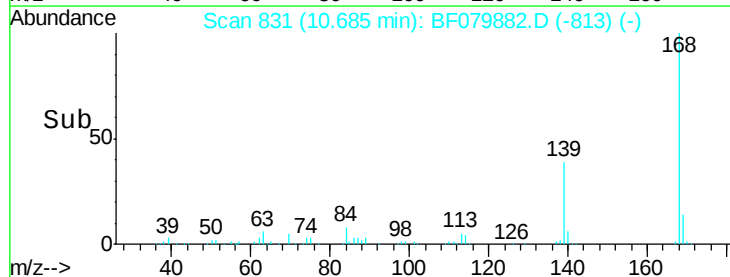
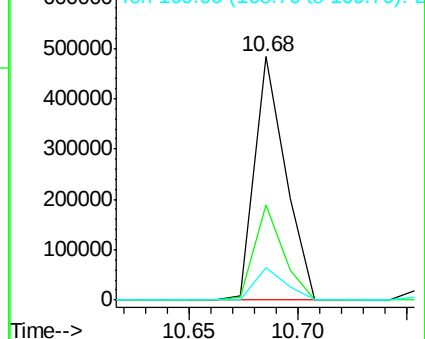
169 13.6 10.9 16.3

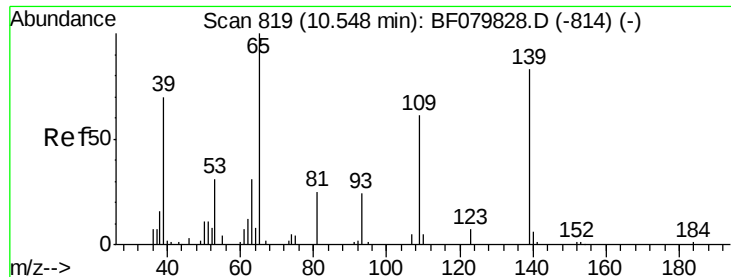


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

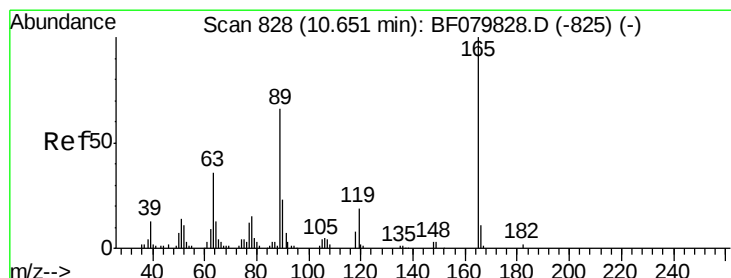
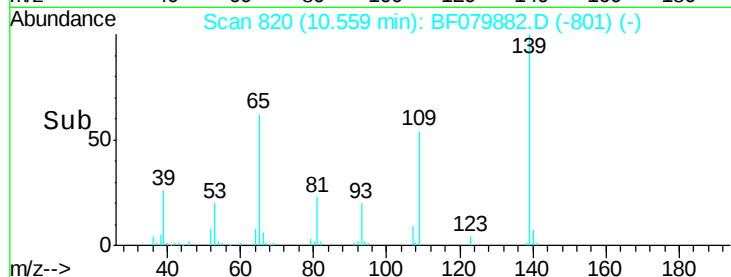
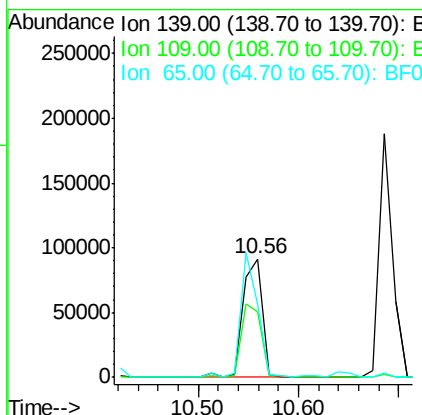
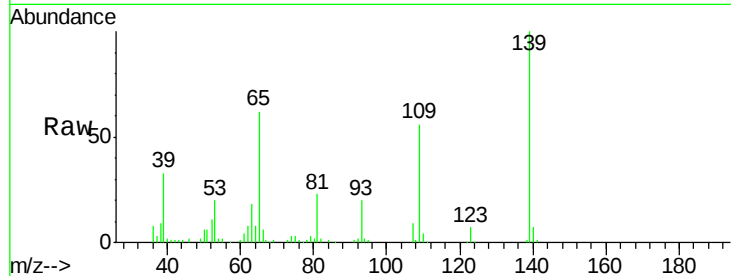




#55
4-Nitrophenol
Concen: 104.09 ng
RT: 10.56 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

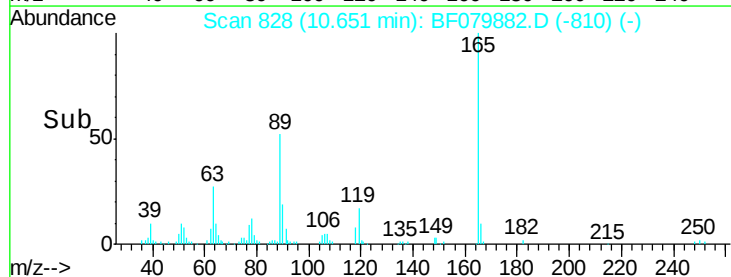
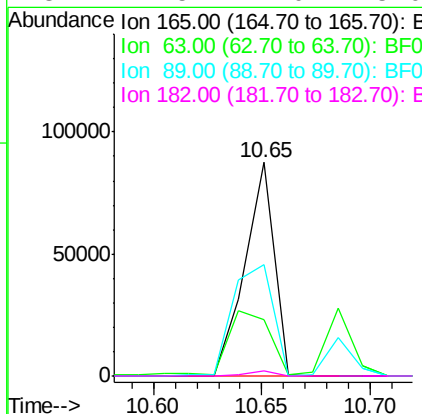
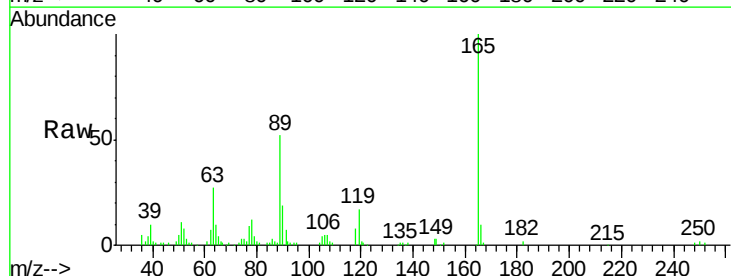
Instrument :
BNA_F
ClientSampleId :
S2MSD

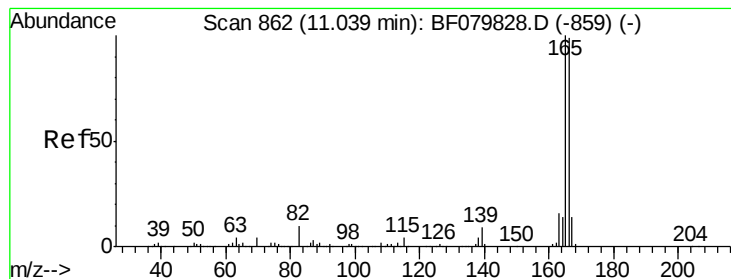
Tgt Ion:139 Resp: 122258
Ion Ratio Lower Upper
139 100
109 55.6 52.1 92.1
65 62.1 85.7 125.7#



#56
2,4-Dinitrotoluene
Concen: 44.65 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:165 Resp: 82135
Ion Ratio Lower Upper
165 100
63 26.6 24.4 36.6
89 52.4 45.3 67.9
182 2.5 2.0 3.0





#57

Fluorene

Concen: 49.07 ng

RT: 11.04 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampled :

S2MSD

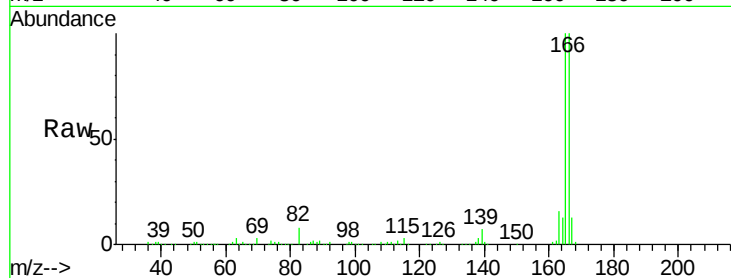
Tgt Ion:166 Resp: 398142

Ion Ratio Lower Upper

166 100

165 99.9 80.6 120.8

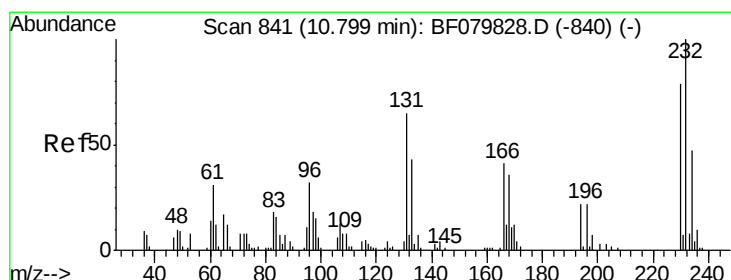
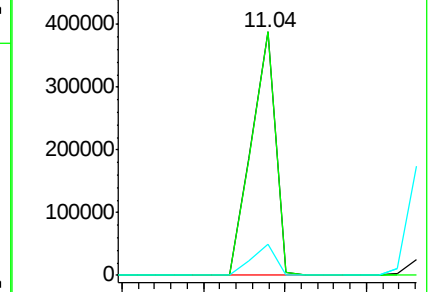
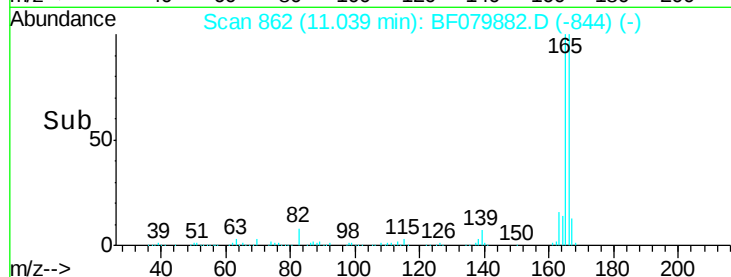
167 13.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.94 ng

RT: 10.80 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Tgt Ion:232 Resp: 92255

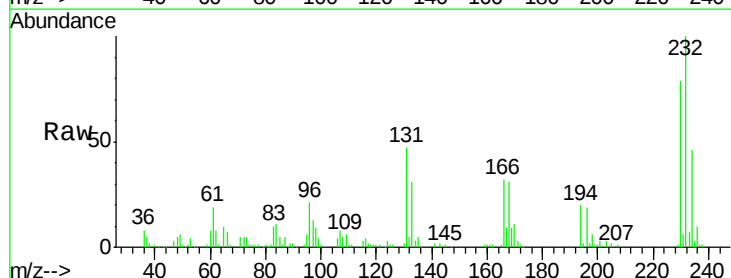
Ion Ratio Lower Upper

232 100

131 42.0 38.7 58.1

130 1.8 1.5 2.3

166 29.3 27.2 40.8

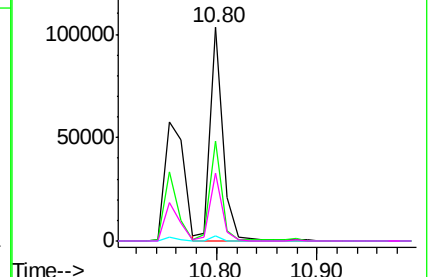
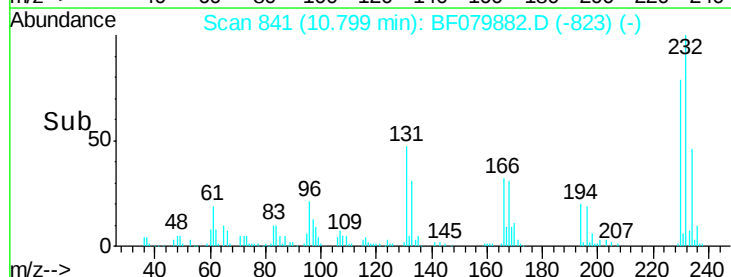


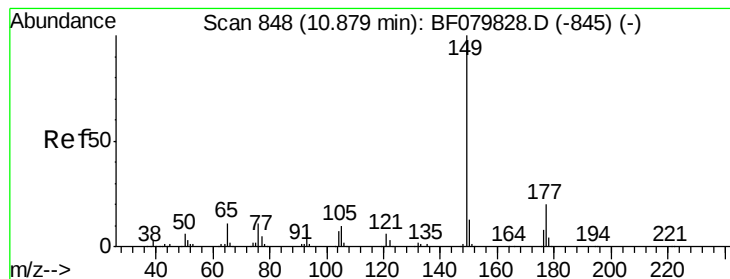
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 54.36 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

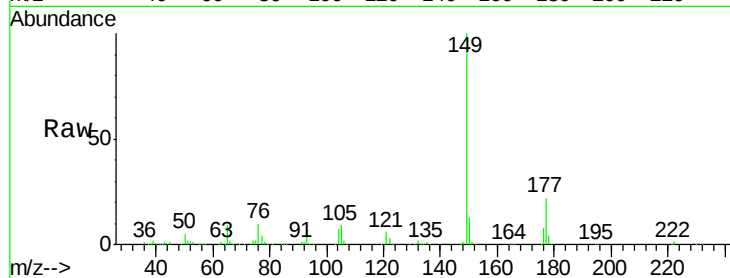
Tgt Ion:149 Resp: 403156

Ion Ratio Lower Upper

149 100

177 22.4 17.4 26.0

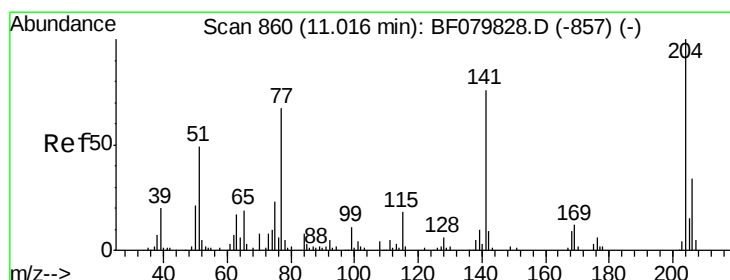
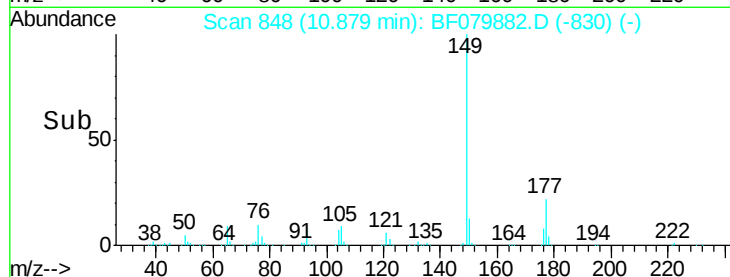
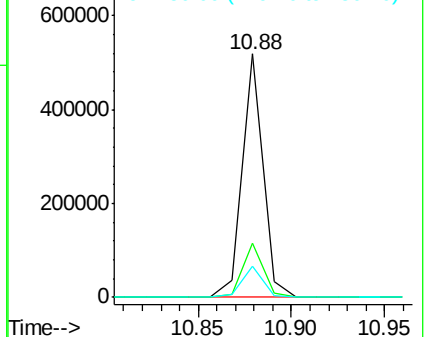
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.96 ng

RT: 11.02 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

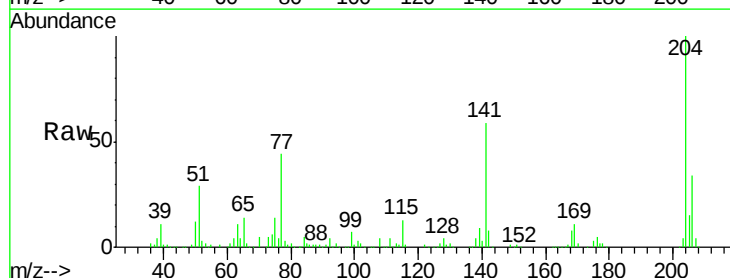
Tgt Ion:204 Resp: 189405

Ion Ratio Lower Upper

204 100

206 33.7 26.6 39.8

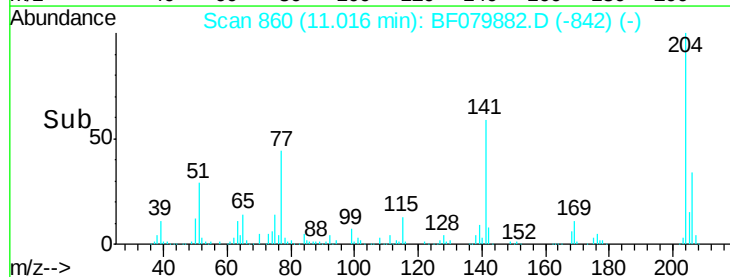
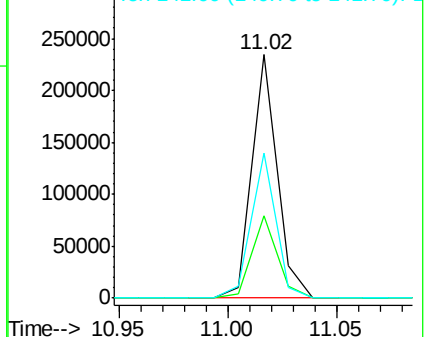
141 59.4 59.0 88.4

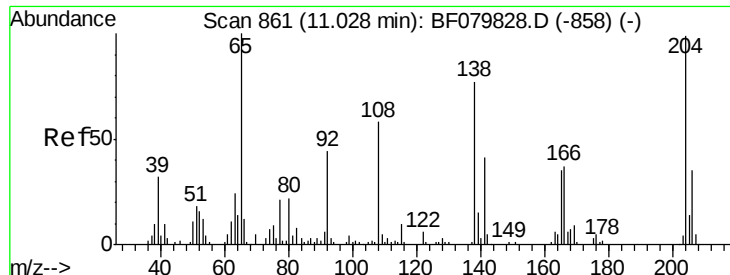


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

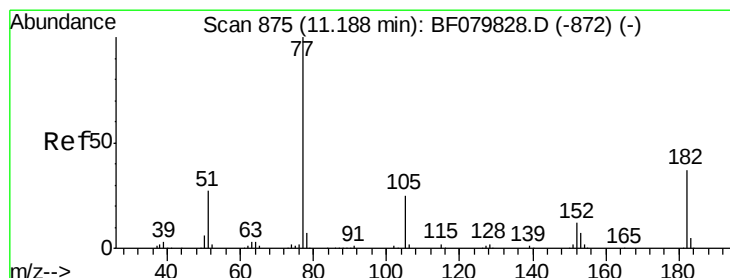
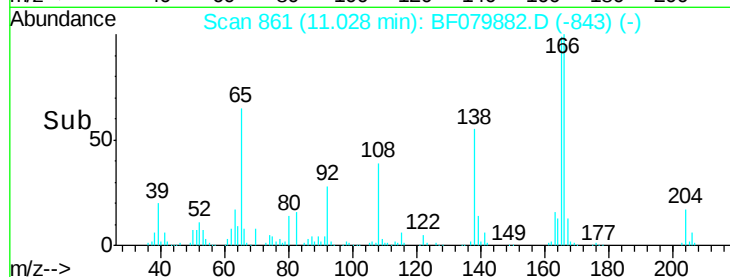
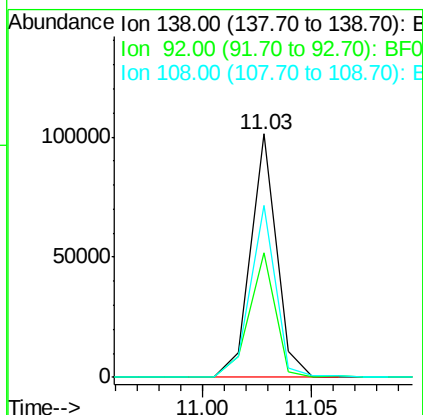
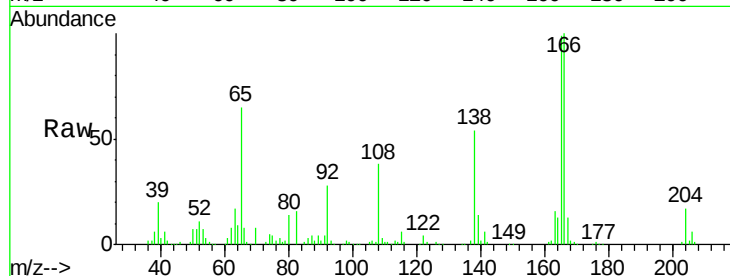




#61
4-Nitroaniline
Concen: 52.83 ng
RT: 11.03 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

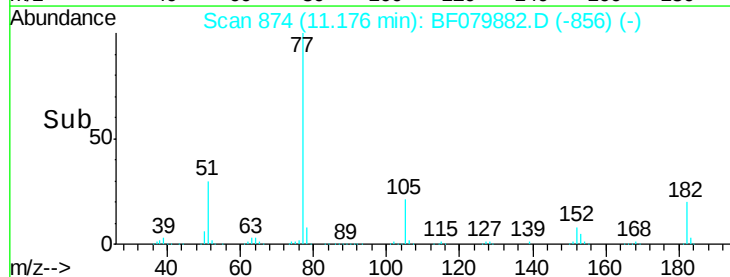
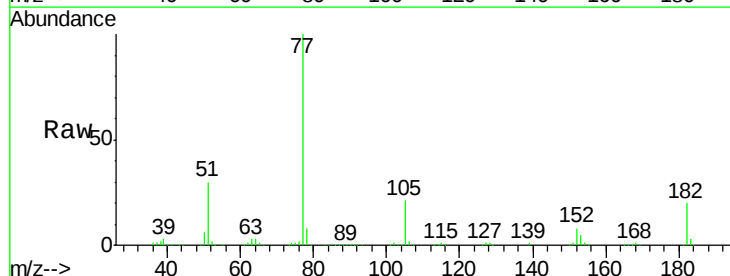
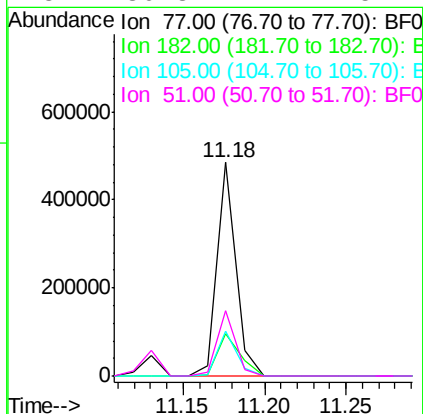
Instrument :
BNA_F
ClientSampleId :
S2MSD

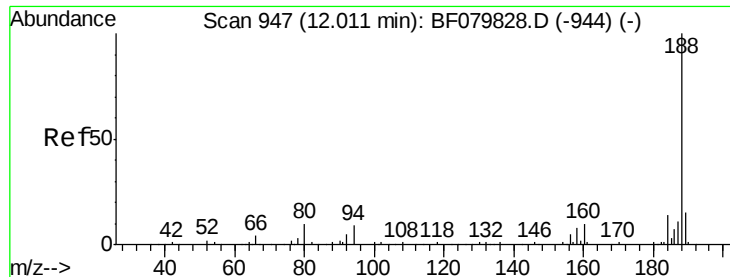
Tgt Ion:138 Resp: 83767
Ion Ratio Lower Upper
138 100
92 51.2 33.1 73.1
108 70.6 51.1 91.1



#62
Azobenzene
Concen: 53.48 ng
RT: 11.18 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion: 77 Resp: 390611
Ion Ratio Lower Upper
77 100
182 20.0 0.0 36.2
105 21.2 0.0 39.8
51 30.3 11.2 51.2

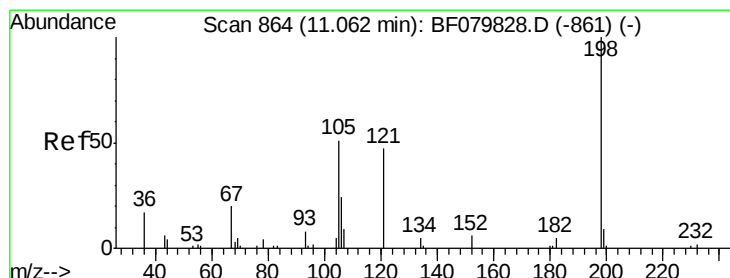
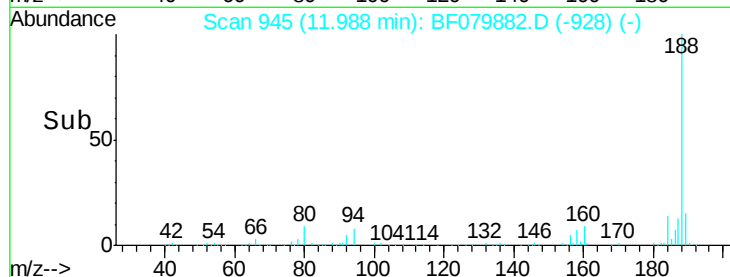
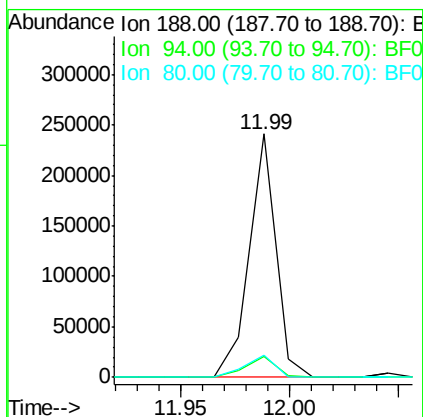
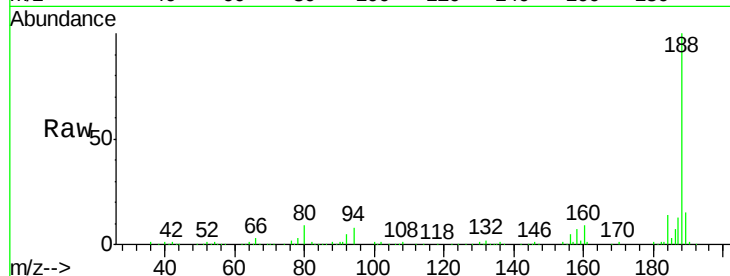




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

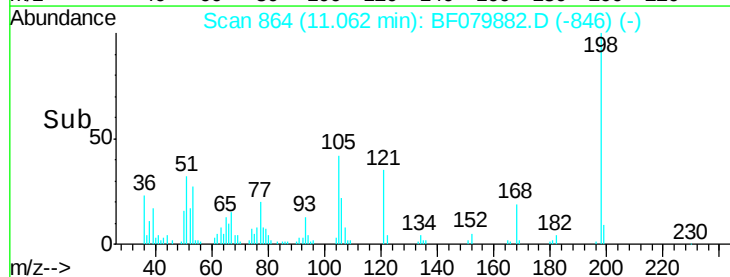
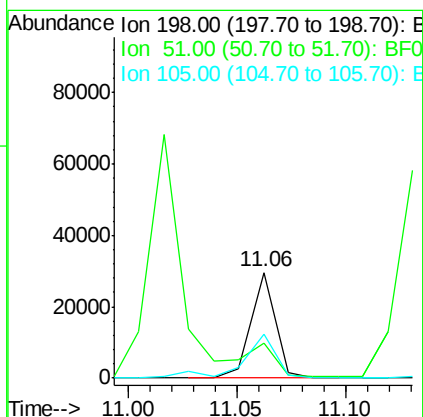
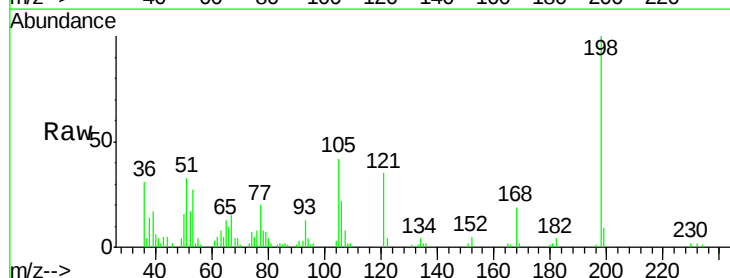
Instrument :
BNA_F
ClientSampleId :
S2MSD

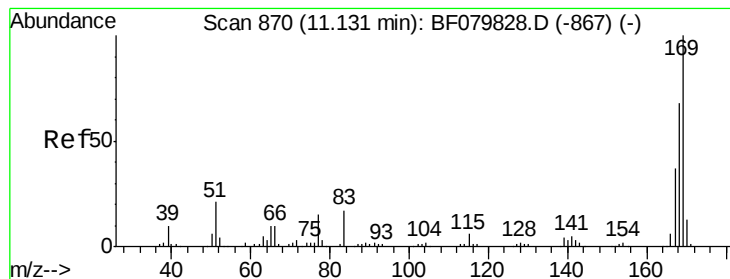
Tgt Ion:188 Resp: 206372
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 9.3 8.0 12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 37.76 ng
RT: 11.06 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:198 Resp: 23372
Ion Ratio Lower Upper
198 100
51 33.3 20.9 60.9
105 41.9 25.1 65.1

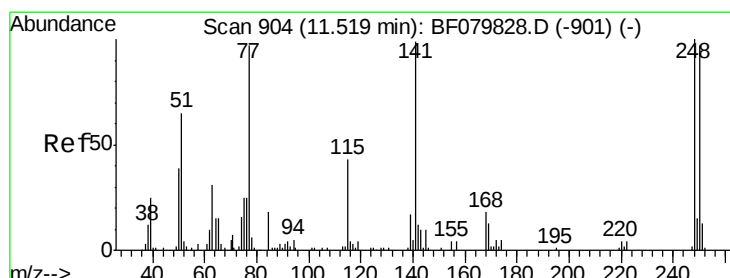
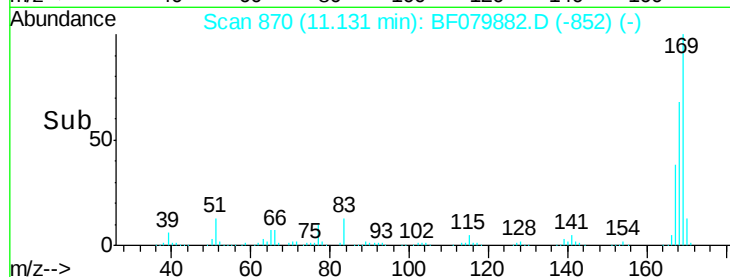
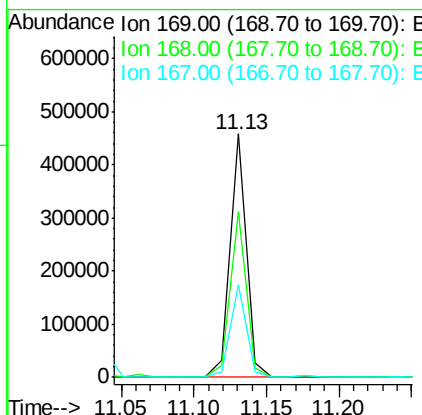
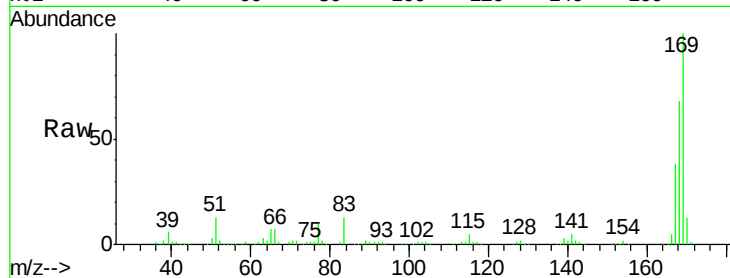




#65
 n-Nitrosodiphenylamine
 Concen: 52.13 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

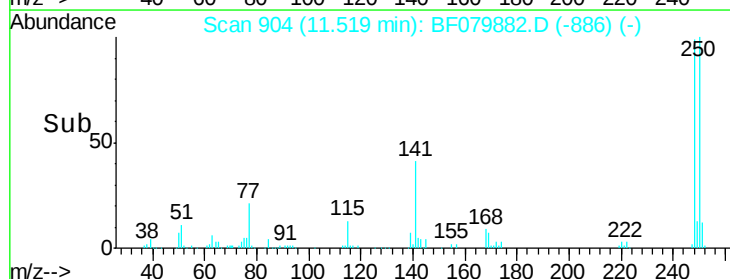
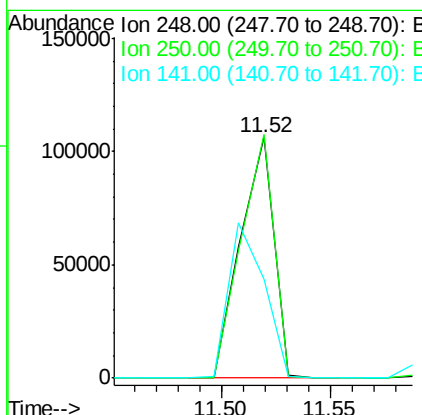
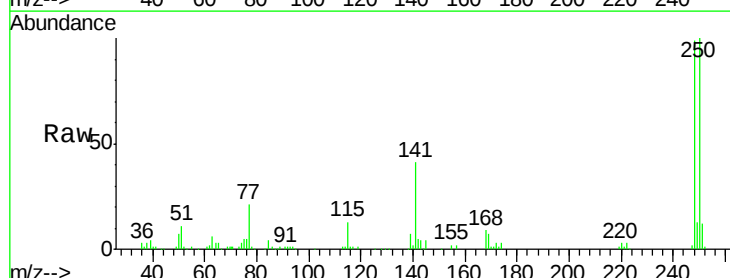
Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

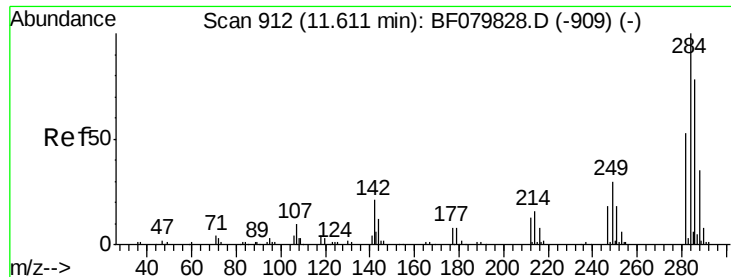
Tgt Ion:169 Resp: 356949
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.9 80.9
 167 37.8 28.7 43.1



#66
 4-Bromophenyl-phenylether
 Concen: 47.52 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion:248 Resp: 113357
 Ion Ratio Lower Upper
 248 100
 250 101.1 77.8 116.8
 141 41.2 43.7 65.5#

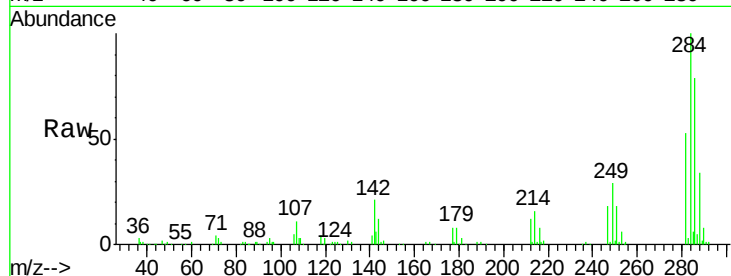




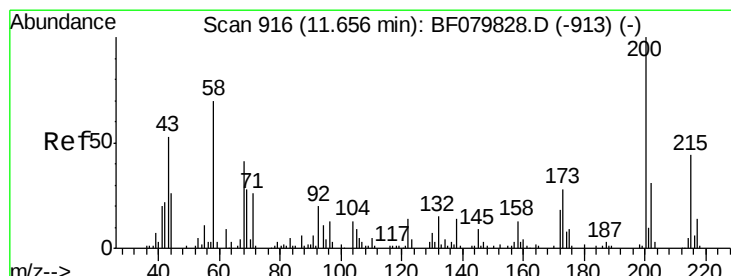
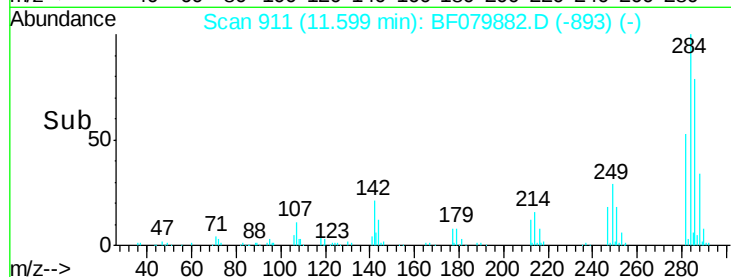
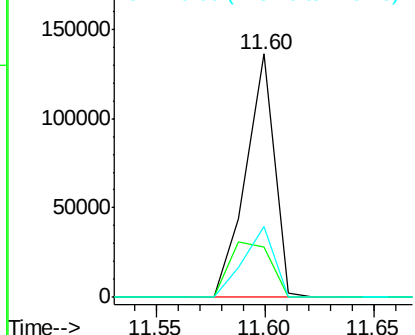
#67
Hexachlorobenzene
Concen: 50.01 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Instrument :
BNA_F
ClientSampleId :
S2MSD

Tgt Ion:284 Resp: 125207
Ion Ratio Lower Upper
284 100
142 20.5 23.3 34.9#
249 28.9 25.9 38.9

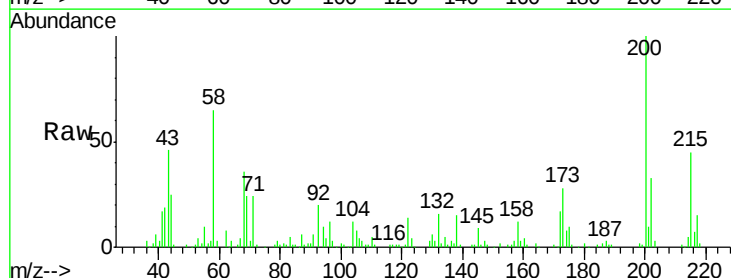


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

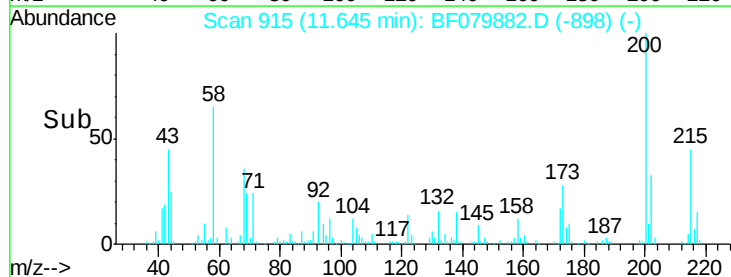
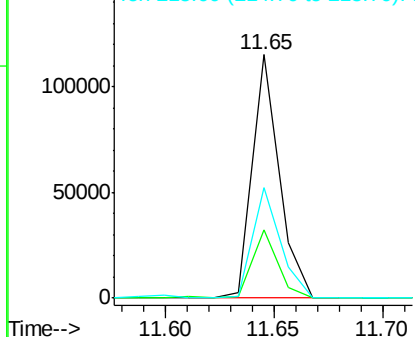


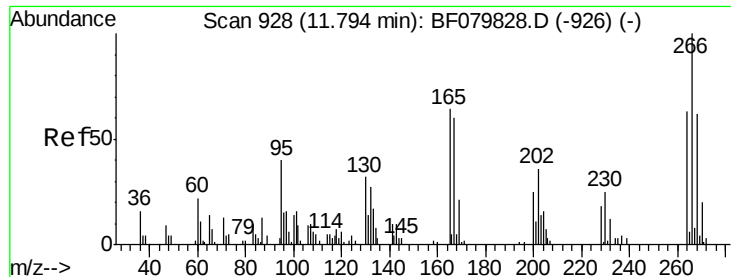
#68
Atrazine
Concen: 50.87 ng
RT: 11.65 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:200 Resp: 98901
Ion Ratio Lower Upper
200 100
173 28.0 8.7 48.7
215 45.3 23.1 63.1



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

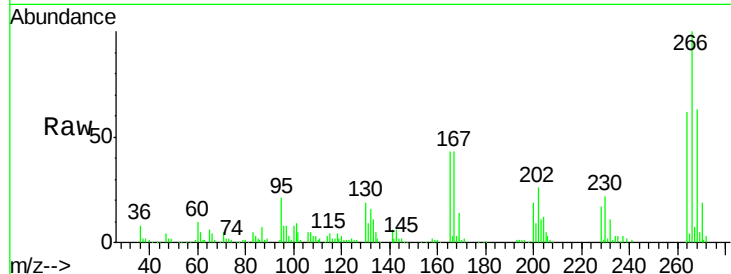




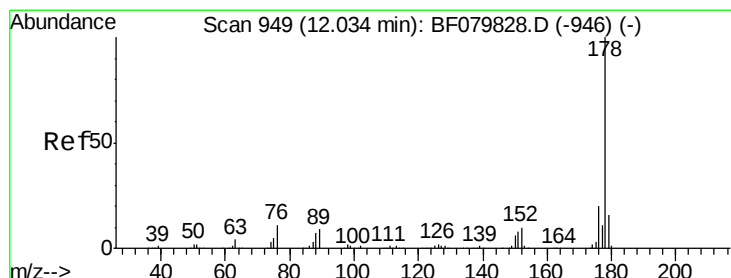
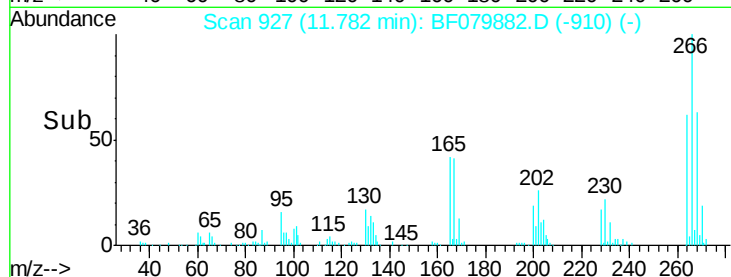
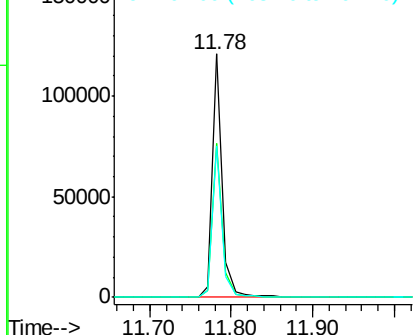
#69
 Pentachlorophenol
 Concen: 88.97 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

Tgt Ion: 266 Resp: 104338
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.1 73.7
 264 62.3 49.4 74.2

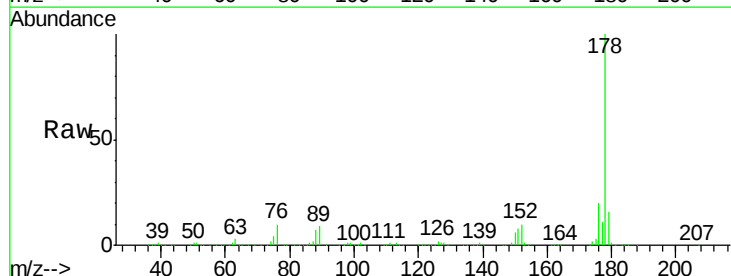


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

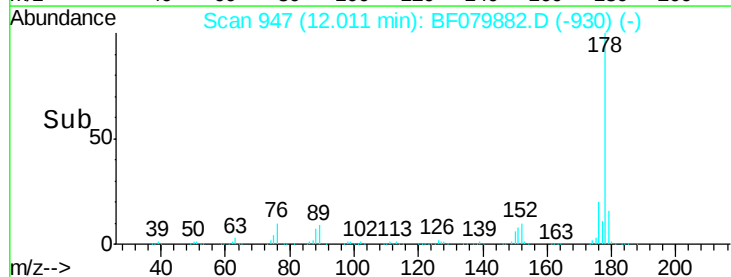
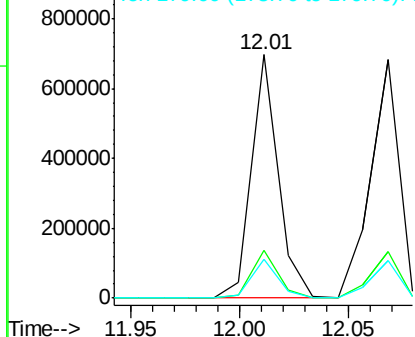


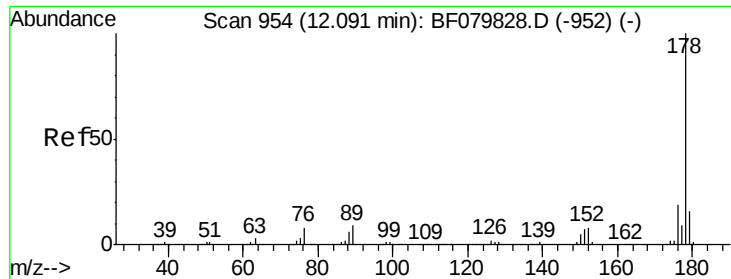
#70
 Phenanthrene
 Concen: 48.57 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion: 178 Resp: 598627
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.9 12.3 18.5



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

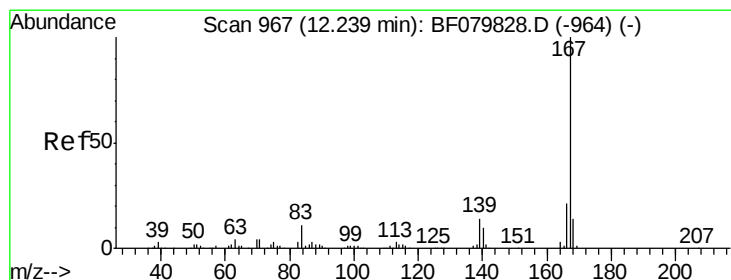
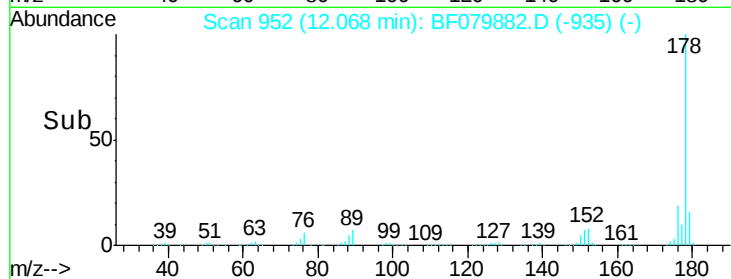
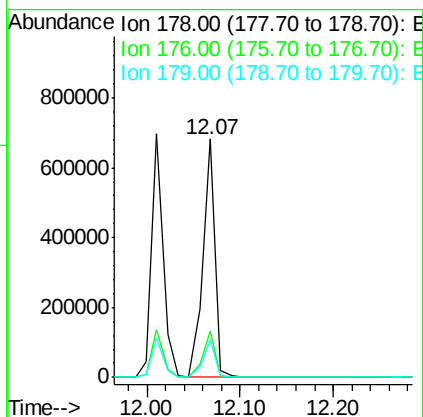
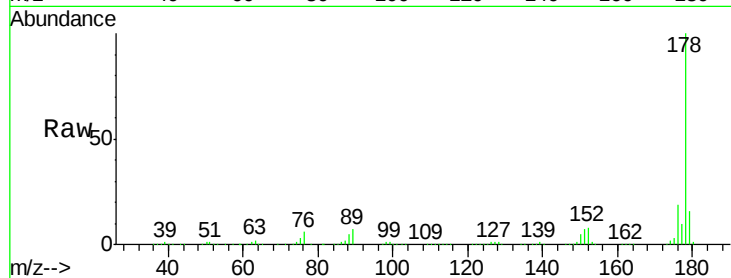




#71
 Anthracene
 Concen: 51.66 ng
 RT: 12.07 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

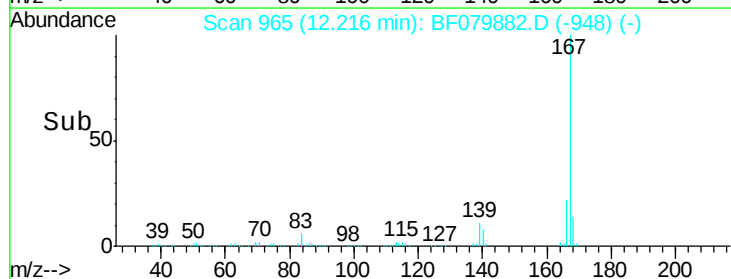
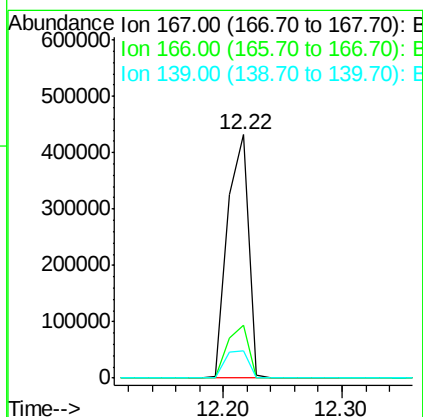
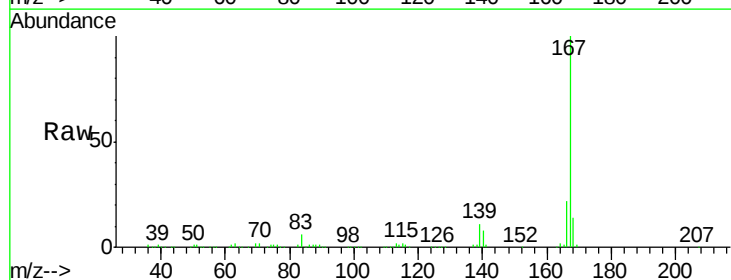
Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

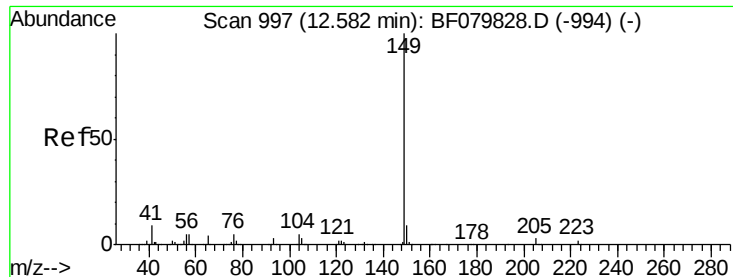
Tgt Ion:178 Resp: 623407
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.1 22.7
 179 16.0 12.1 18.1



#72
 Carbazole
 Concen: 47.35 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion:167 Resp: 529072
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 11.1 9.2 13.8





#73

Di-n-butylphthalate

Concen: 53.70 ng

RT: 12.54 min Scan# 993

Delta R.T. -0.03 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

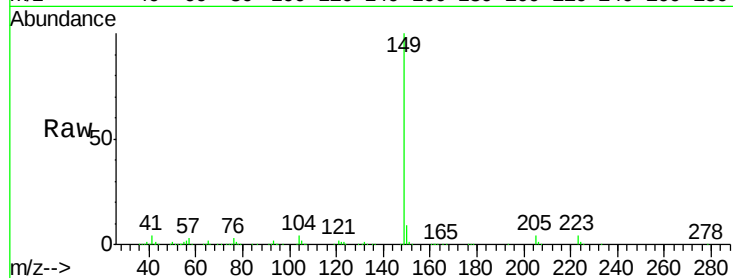
Tgt Ion:149 Resp: 622590

Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

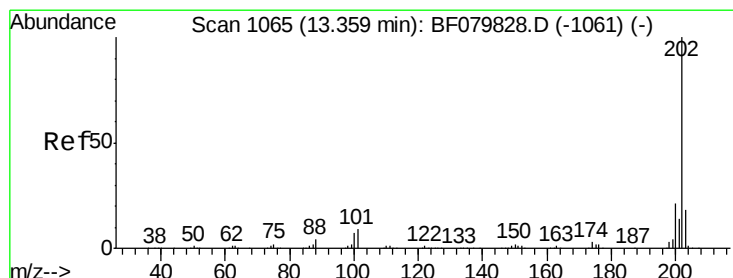
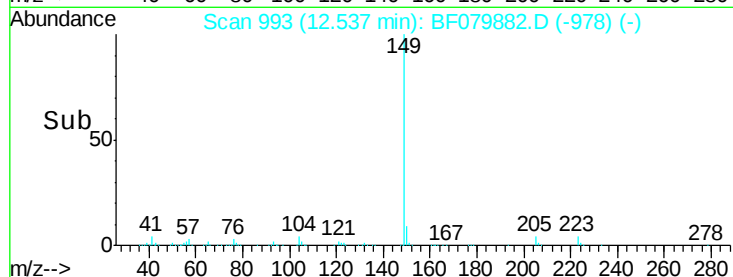
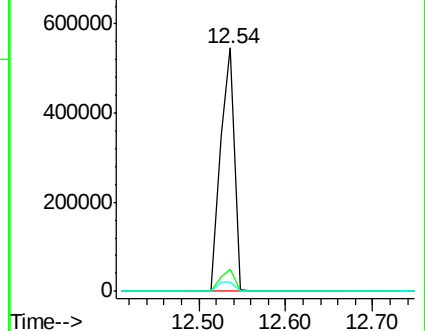
104 3.7 3.2 4.8



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: 50.74 ng

RT: 13.26 min Scan# 1056

Delta R.T. -0.07 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

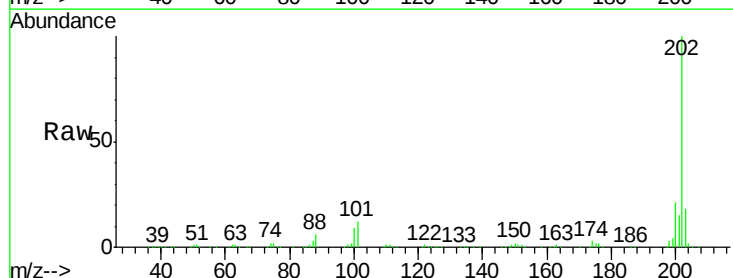
Tgt Ion:202 Resp: 655978

Ion Ratio Lower Upper

202 100

101 11.5 0.0 28.6

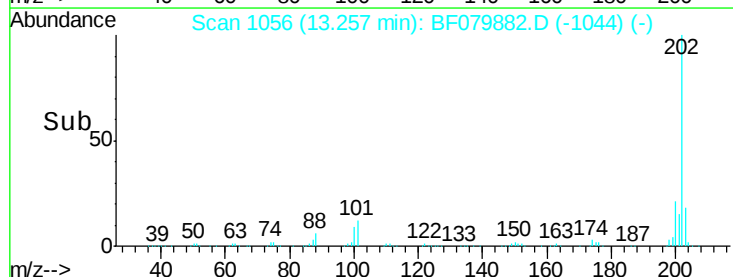
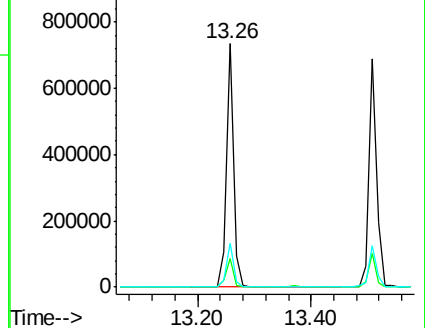
203 18.0 0.0 37.4

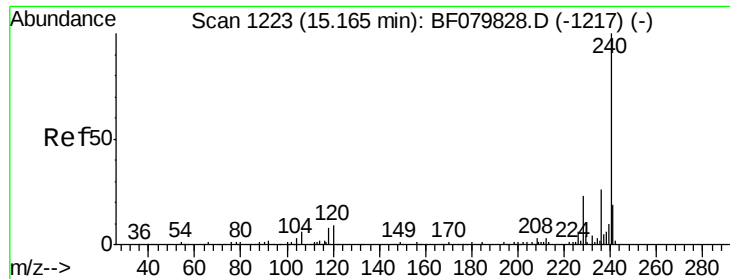


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

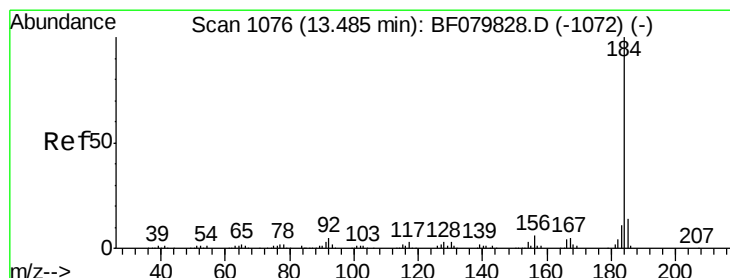
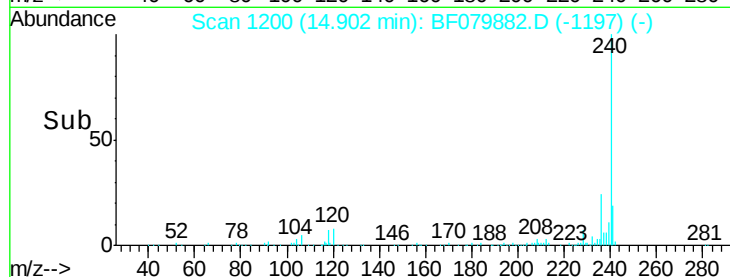
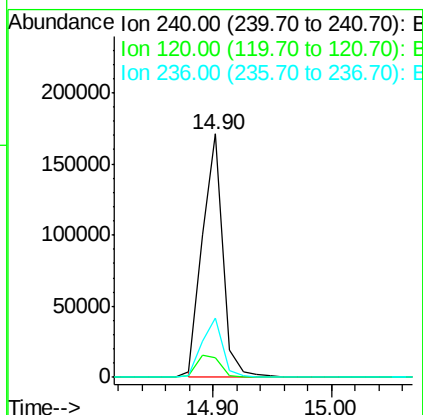
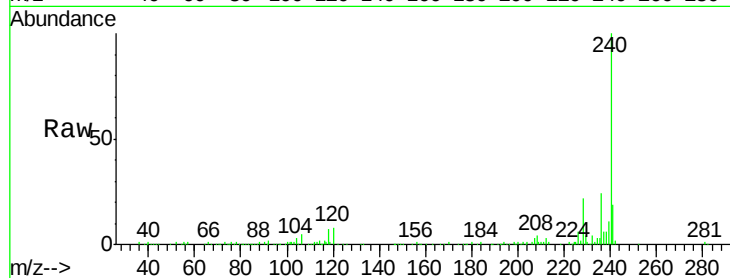




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1200
Delta R.T. -0.17 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

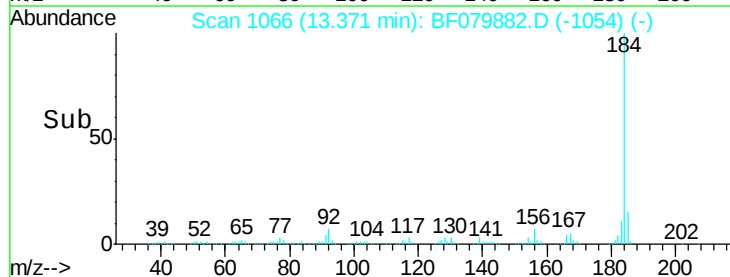
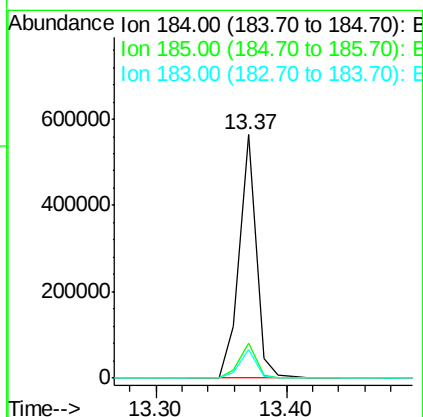
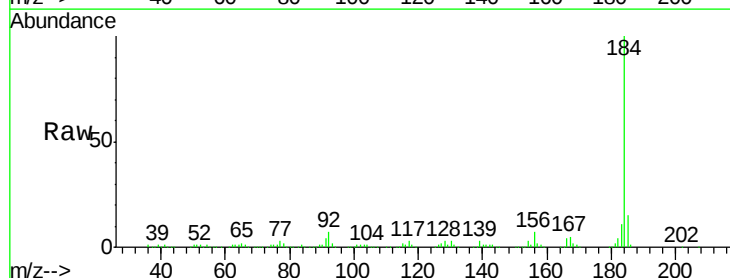
Instrument :
BNA_F
ClientSampleId :
S2MSD

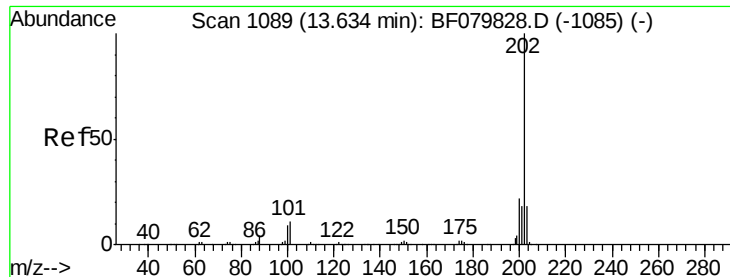
Tgt Ion:240 Resp: 204883
Ion Ratio Lower Upper
240 100
120 8.0 6.6 9.8
236 24.4 20.2 30.4



#76
Benzidine
Concen: 83.62 ng
RT: 13.37 min Scan# 1066
Delta R.T. -0.07 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:184 Resp: 510701
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.5 9.0 13.6





#77

Pyrene

Concen: 51.69 ng

RT: 13.51 min Scan# 1078

Delta R.T. -0.08 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

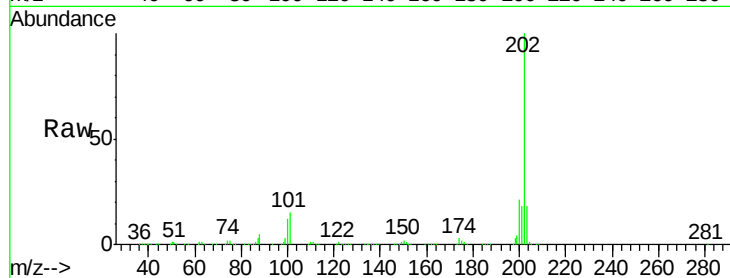
Tgt Ion:202 Resp: 659737

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

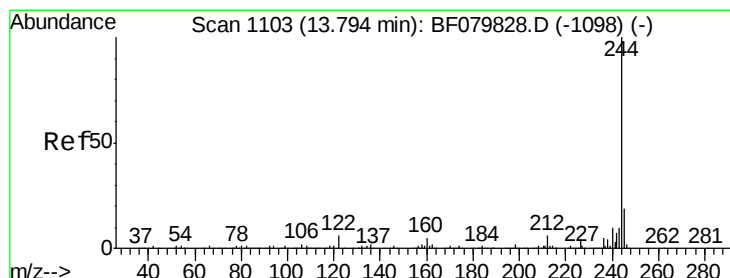
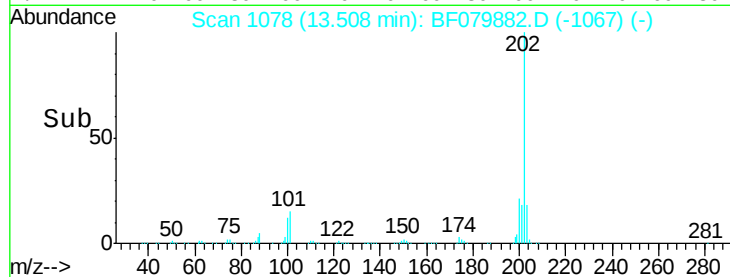
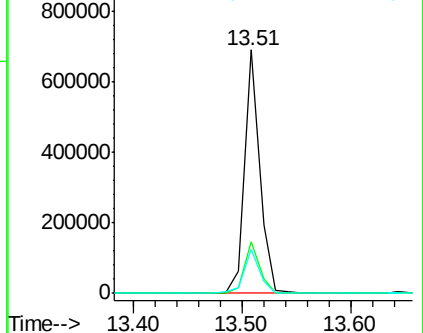
203 18.0 13.7 20.5



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: 102.06 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.09 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

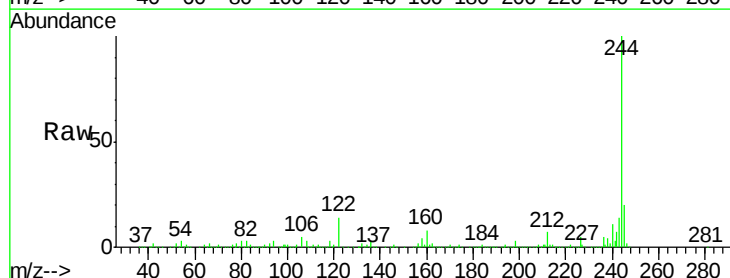
Tgt Ion:244 Resp: 927546

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

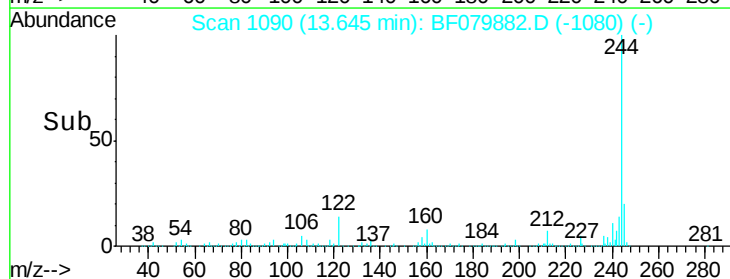
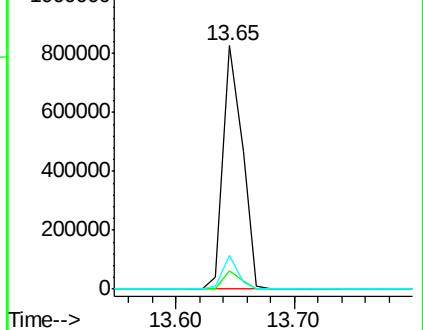
122 14.0 8.2 12.2#

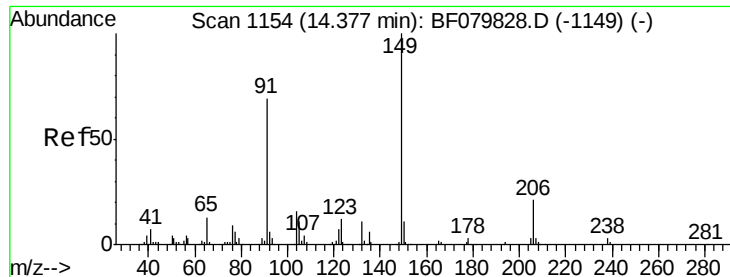


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

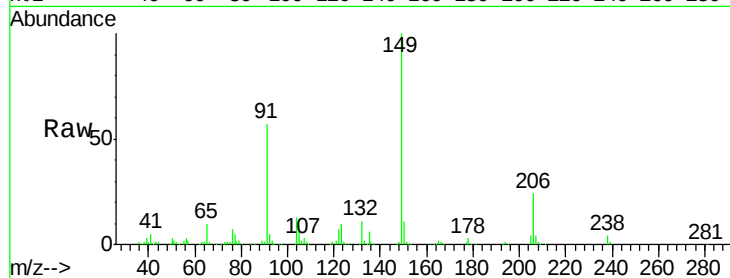




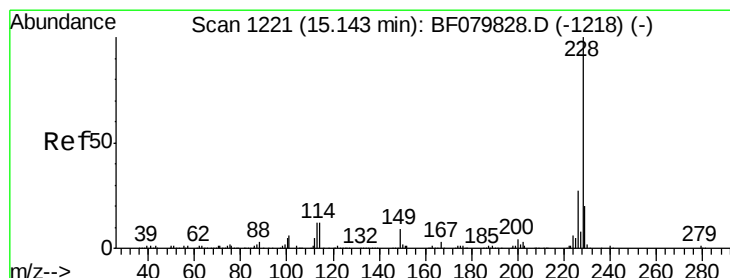
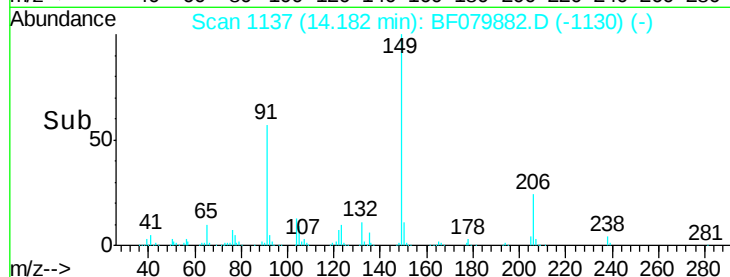
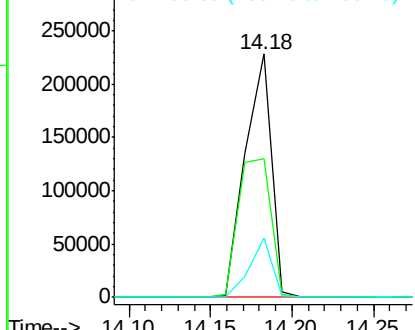
#79
Butylbenzylphthalate
Concen: 59.46 ng
RT: 14.18 min Scan# 1137
Delta R.T. -0.13 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Instrument :
BNA_F
ClientSampleId :
S2MSD

Tgt Ion:149 Resp: 254296
Ion Ratio Lower Upper
149 100
91 56.9 58.6 87.8#
206 24.5 13.9 20.9#

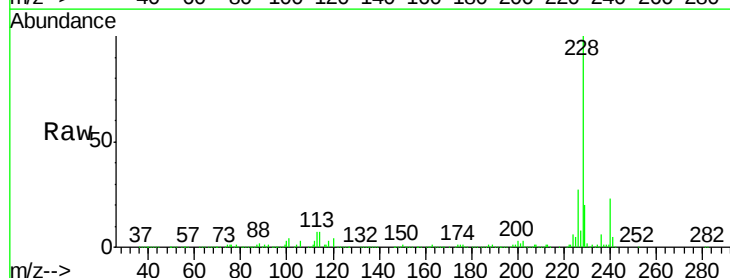


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

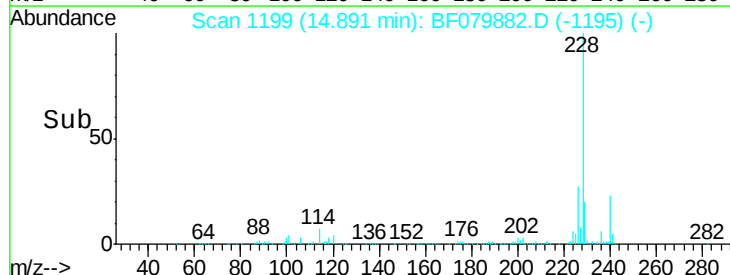
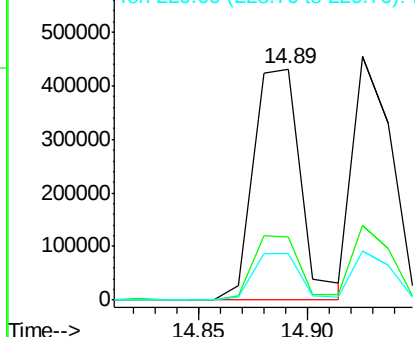


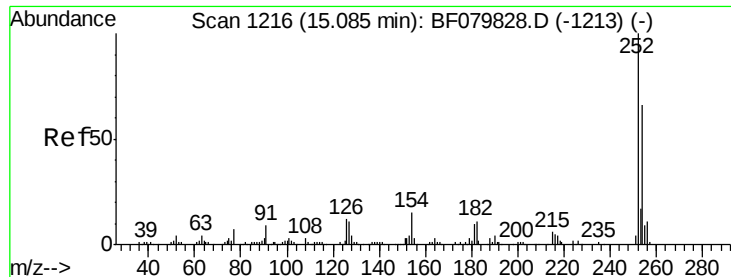
#80
Benzo(a)anthracene
Concen: 53.55 ng
RT: 14.89 min Scan# 1199
Delta R.T. -0.16 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion:228 Resp: 652244
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

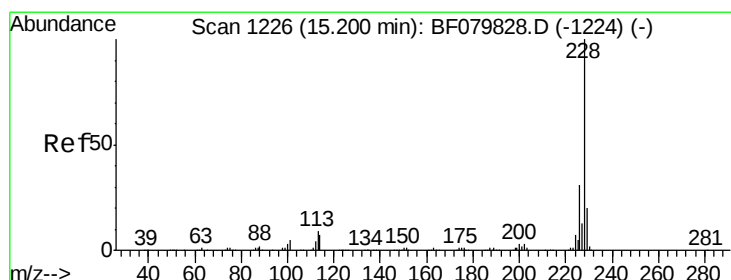
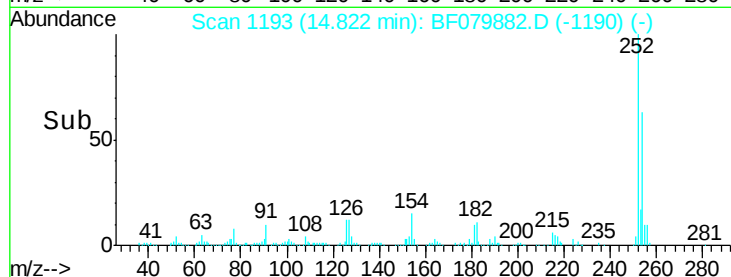
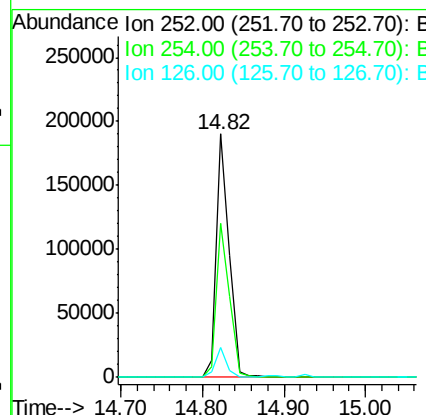
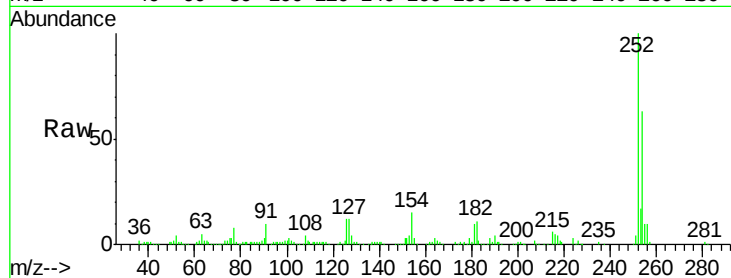




#81
 3,3'-Dichlorobenzidine
 Concen: 56.11 ng
 RT: 14.82 min Scan# 1193
 Delta R.T. -0.17 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

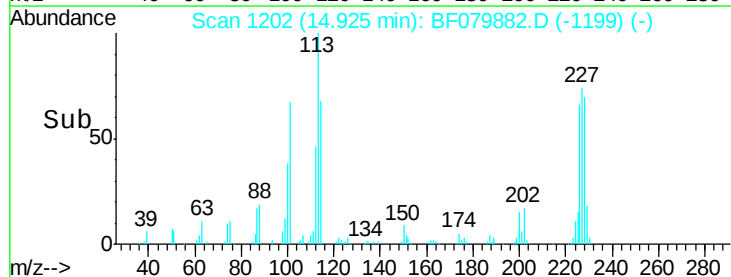
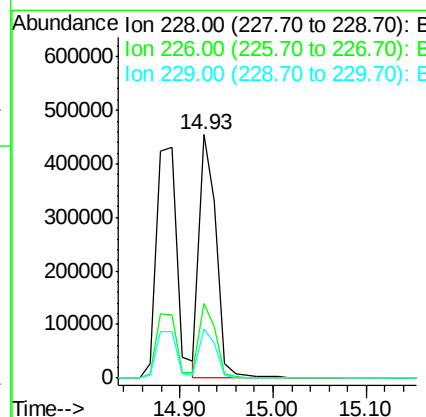
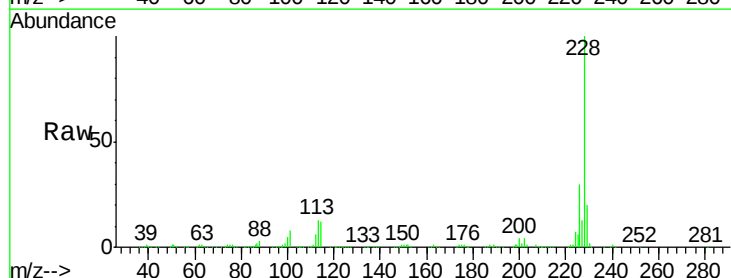
Instrument :
 BNA_F
 ClientSampleId :
 S2MSD

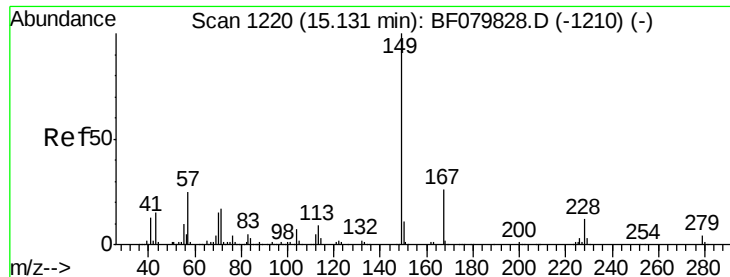
Tgt Ion:252 Resp: 213367
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.9 77.9
 126 12.1 4.7 7.1#



#82
 Chrysene
 Concen: 49.94 ng
 RT: 14.93 min Scan# 1202
 Delta R.T. -0.17 min
 Lab File: BF079882.D
 Acq: 11 Jun 2015 1:33

Tgt Ion:228 Resp: 570674
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.5 35.3
 229 20.3 15.4 23.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.53 ng

RT: 14.85 min Scan# 1195

Delta R.T. -0.18 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

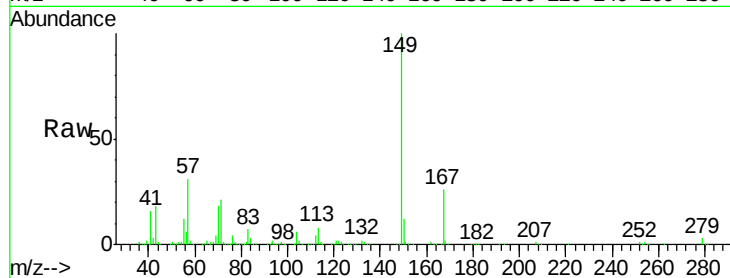
Tgt Ion:149 Resp: 400042

Ion Ratio Lower Upper

149 100

167 26.0 18.7 28.1

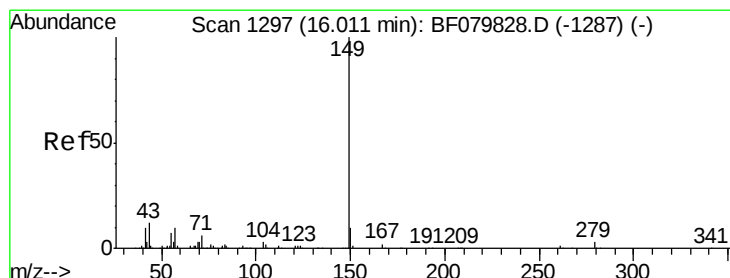
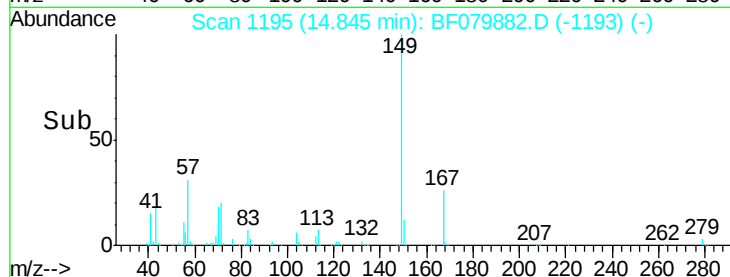
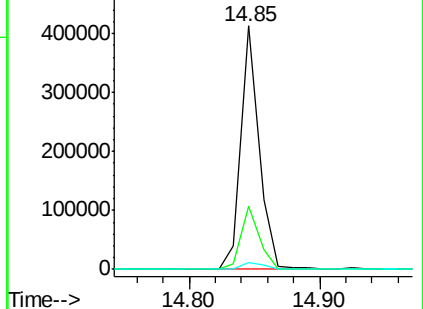
279 2.7 1.7 2.5#



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: 63.52 ng

RT: 15.63 min Scan# 1264

Delta R.T. -0.24 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

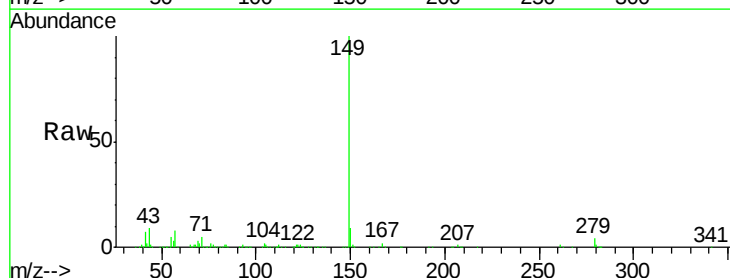
Tgt Ion:149 Resp: 651999

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

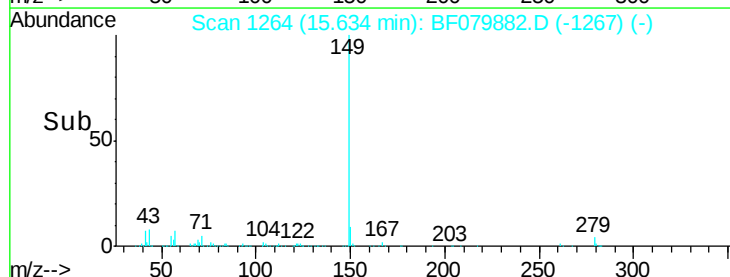
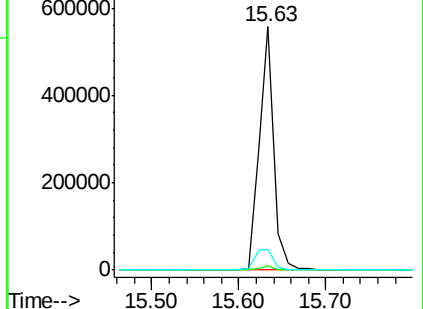
43 11.1 7.7 11.5

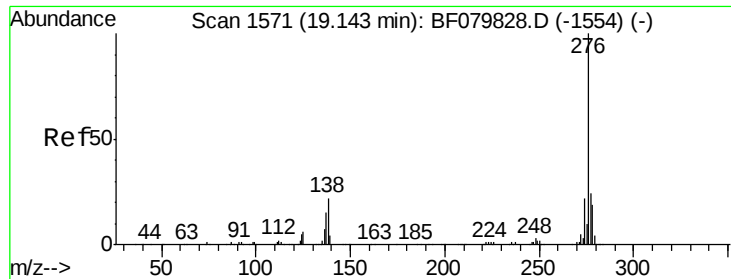


Abundance Ion 149.00 (148.70 to 149.70): E

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: 55.52 ng

RT: 18.71 min Scan# 1533

Delta R.T. -0.26 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

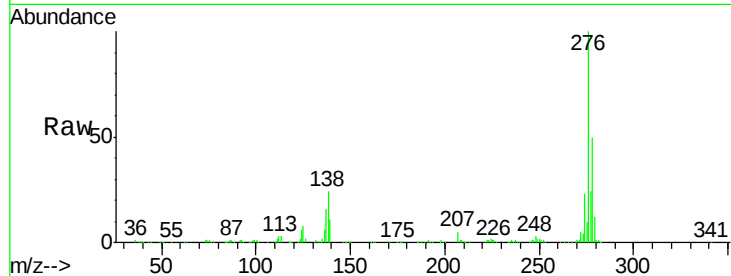
Tgt Ion:276 Resp: 670187

Ion Ratio Lower Upper

276 100

138 26.6 19.4 29.2

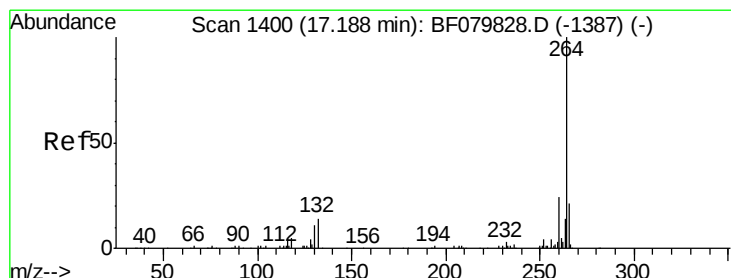
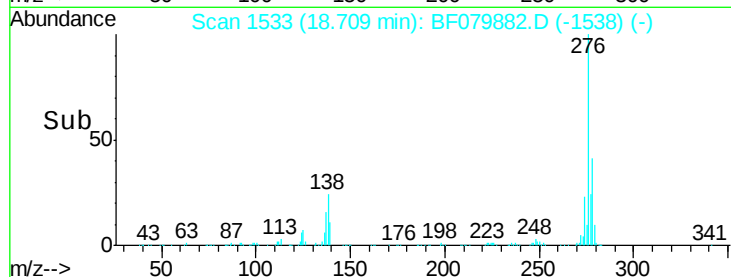
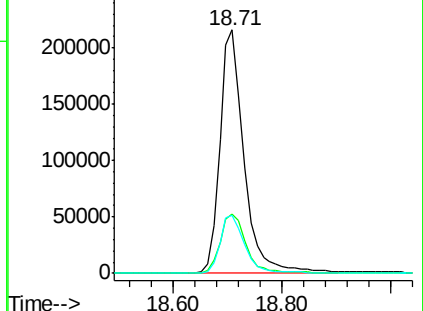
277 24.7 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.78 min Scan# 1364

Delta R.T. -0.25 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

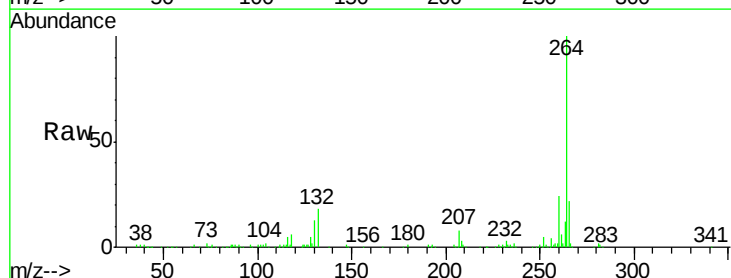
Tgt Ion:264 Resp: 198346

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

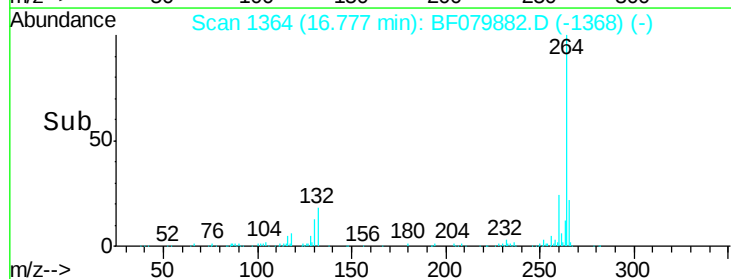
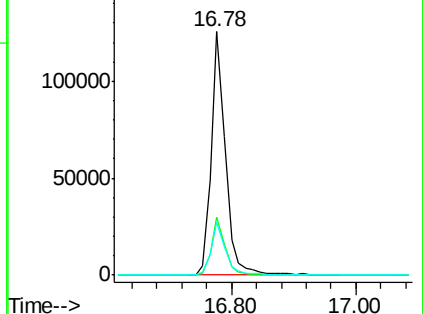
265 21.8 18.0 27.0

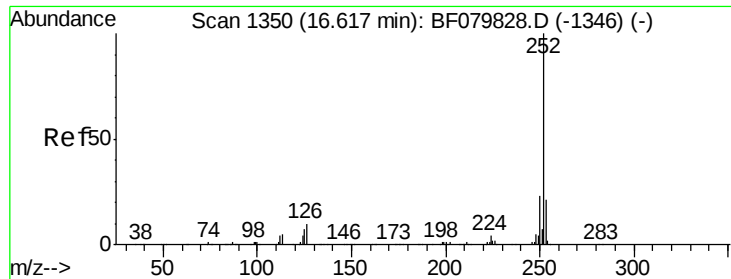


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

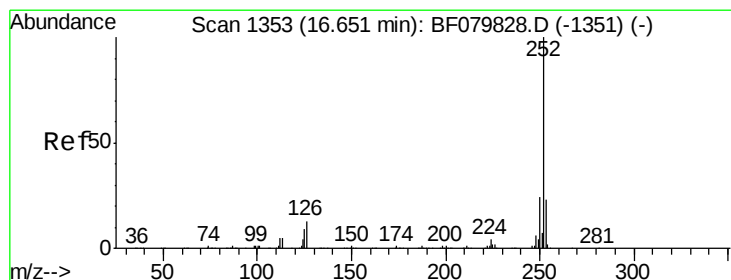
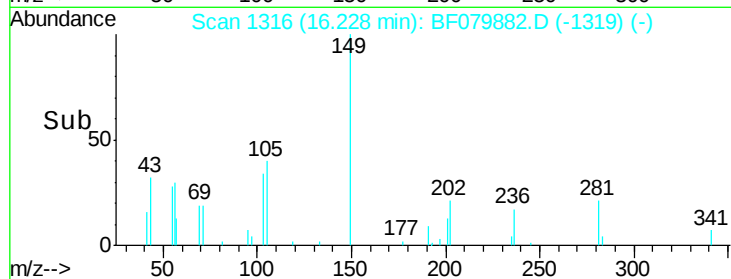
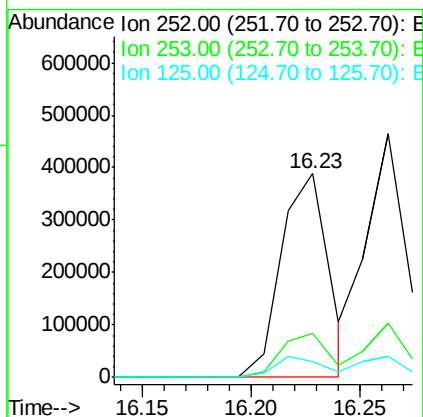
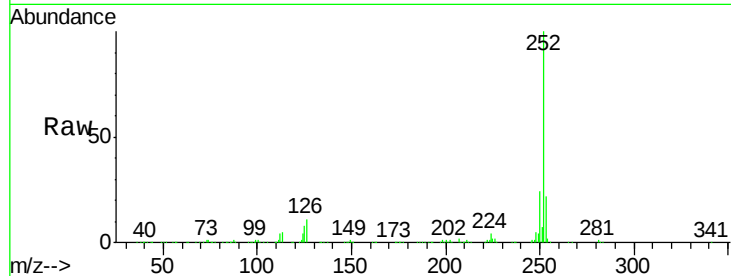




#87
Benzo(b)fluoranthene
Concen: 49.80 ng
RT: 16.23 min Scan# 1316
Delta R.T. -0.24 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

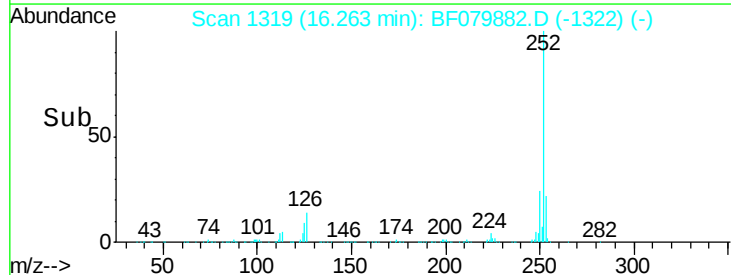
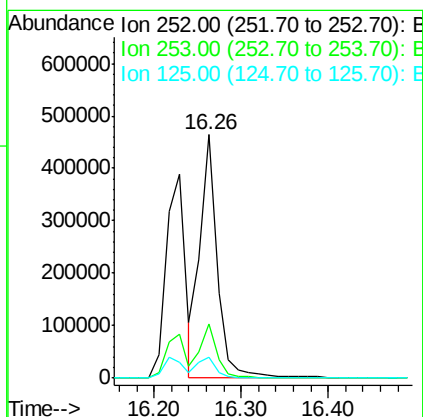
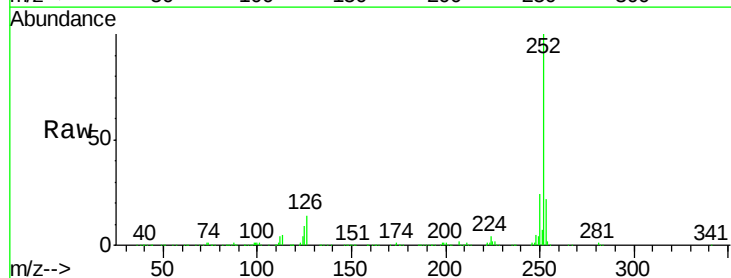
Instrument :
BNA_F
ClientSampleId :
S2MSD

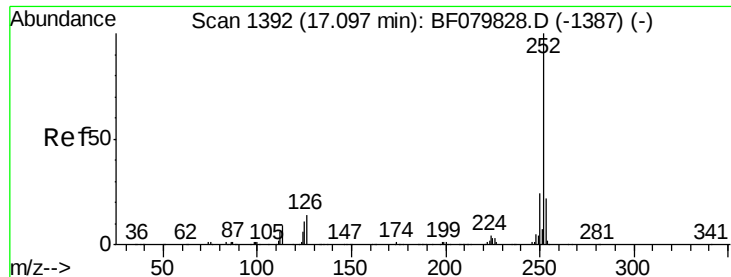
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	7.8	5.7	8.5



#88
Benzo(k)fluoranthene
Concen: 51.63 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.24 min
Lab File: BF079882.D
Acq: 11 Jun 2015 1:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.8	6.3	9.5





#89

Benzo(a)pyrene

Concen: 53.76 ng

RT: 16.70 min Scan# 1357

Delta R.T. -0.25 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampled :

S2MSD

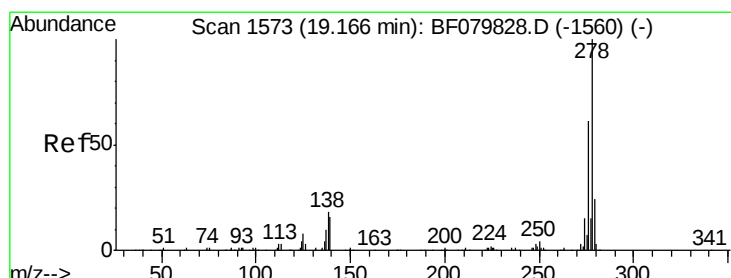
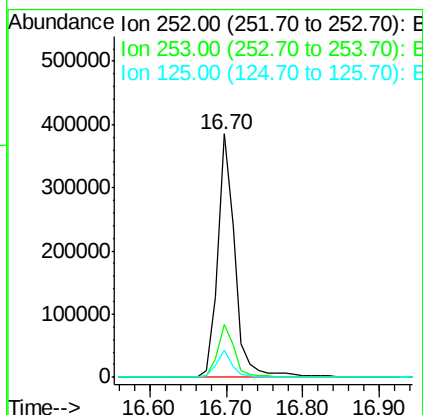
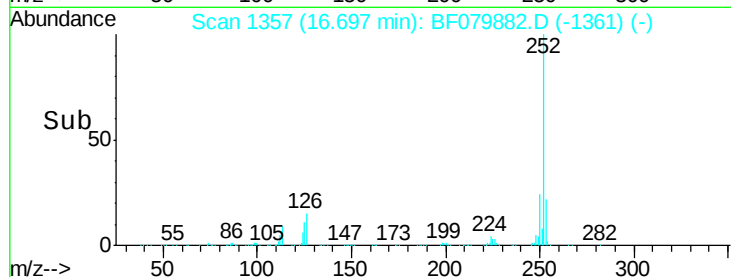
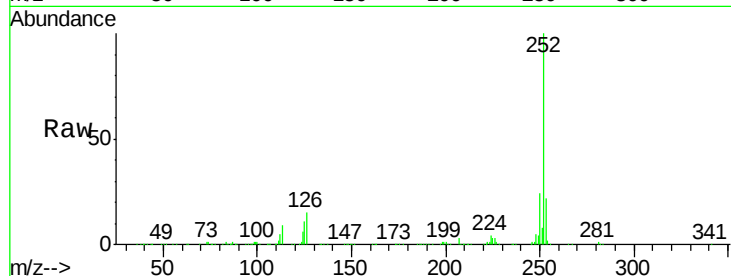
Tgt Ion:252 Resp: 599746

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 11.3 8.6 13.0



#90

Dibenzo(a,h)anthracene

Concen: 53.83 ng

RT: 18.72 min Scan# 1534

Delta R.T. -0.27 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

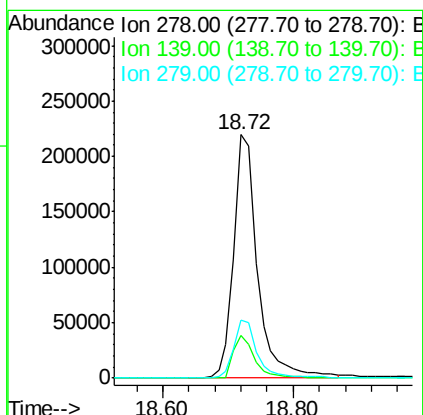
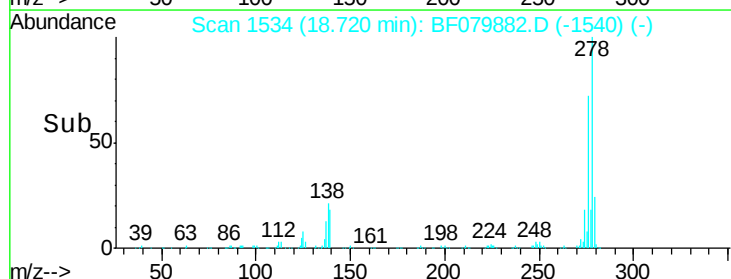
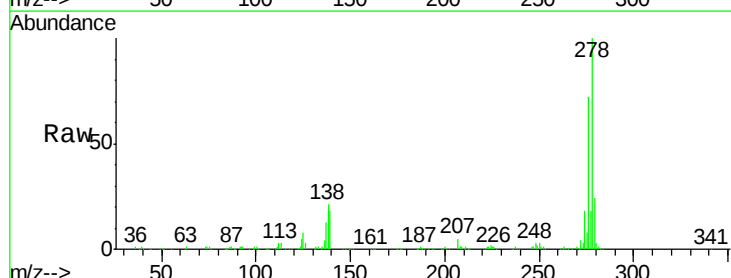
Tgt Ion:278 Resp: 556445

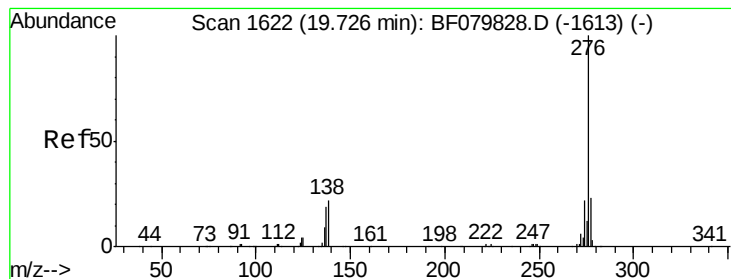
Ion Ratio Lower Upper

278 100

139 17.7 11.0 16.4#

279 23.7 17.9 26.9





#91

Benzo(g,h,i)perylene

Concen: 51.43 ng

RT: 19.29 min Scan# 1584

Delta R.T. -0.26 min

Lab File: BF079882.D

Acq: 11 Jun 2015 1:33

Instrument :

BNA_F

ClientSampleId :

S2MSD

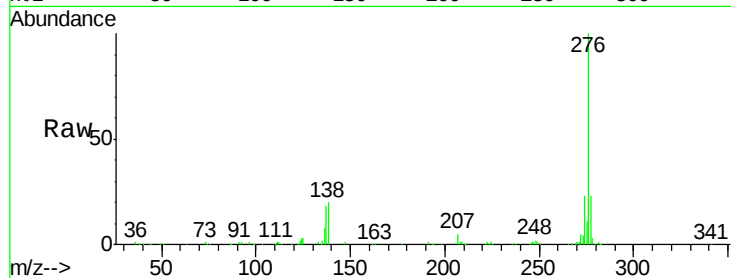
Tgt Ion: 276 Resp: 560988

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 20.2 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

