

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079434.D
 Acq On : 22 May 2015 15:43
 Operator : TP/IZ
 Sample : G2255-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

Quant Time: May 22 23:00:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	64409	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	261776	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	128139	20.00	ng	0.00
63) Phenanthrene-d10	12.64	188	235982	20.00	ng	0.00
75) Chrysene-d12	15.94	240	226398	20.00	ng	-0.02
86) Perylene-d12	17.79	264	230422	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.64	99	10251	2.07	ng	0.01
23) Nitrobenzene-d5	7.75	82	34680	7.61	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	17527	12.64	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	83150	9.04	ng	0.00
78) Terphenyl-d14	14.63	244	126427	13.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) 2-Chlorophenol	6.79	128	22936	5.40	ng	87
9) Benzaldehyde	6.50	77	23119	6.94	ng	98
11) bis(2-Chloroethyl)ether	6.74	93	32247	7.67	ng	88
12) 1,3-Dichlorobenzene	6.97	146	28895	6.06	ng	# 91
13) 1,4-Dichlorobenzene	7.07	146	29702	6.05	ng	98
14) 1,2-Dichlorobenzene	7.26	146	29584	6.47	ng	97
15) Benzyl Alcohol	7.26	79	12717	3.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.42	45	45787	7.12	ng	94
17) 2-Methylphenol	7.39	107	8743	2.56	ng	# 92
18) Hexachloroethane	7.67	117	10150	6.00	ng	91
19) n-Nitroso-di-n-propylamine	7.58	70	26234	7.85	ng	98
20) 3+4-Methylphenols	7.60	107	13376	2.94	ng	# 48
22) Acetophenone	7.56	105	48844	8.26	ng	# 88
24) Nitrobenzene	7.77	77	35401	7.84	ng	91
25) Isophorone	8.07	82	75280	8.92	ng	# 88
26) 2-Nitrophenol	8.17	139	12351	6.61	ng	93
27) 2,4-Dimethylphenol	8.24	122	10973	2.93	ng	90
28) bis(2-Chloroethoxy)methane	8.35	93	44749	8.60	ng	98
29) 2,4-Dichlorophenol	8.47	162	22485	6.76	ng	98
30) 1,2,4-Trichlorobenzene	8.56	180	24418	6.69	ng	98
31) Naphthalene	8.65	128	105754	8.48	ng	97
32) Benzoic acid	8.34	122	3501	7.61	ng	88
33) 4-Chloroaniline	8.74	127	29347	5.56	ng	# 91
34) Hexachlorobutadiene	8.81	225	13443	6.39	ng	95
36) 4-Chloro-3-methylphenol	9.36	107	23473	6.72	ng	98
37) 2-Methylnaphthalene	9.52	142	68456	7.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	27473	7.61	ng	95
40) Hexachlorocyclopentadiene	9.70	237	24011	13.23	ng	94
42) 2,4,6-Trichlorophenol	9.87	196	17747	7.15	ng	97
43) 2,4,5-Trichlorophenol	9.92	196	20386	8.13	ng	# 89
45) 1,1'-Biphenyl	10.10	154	89989	8.83	ng	98
46) 2-Chloronaphthalene	10.11	162	71198	8.96	ng	96
47) 2-Nitroaniline	10.25	65	21720	9.43	ng	92
48) Acenaphthylene	10.63	152	127112	9.74	ng	97

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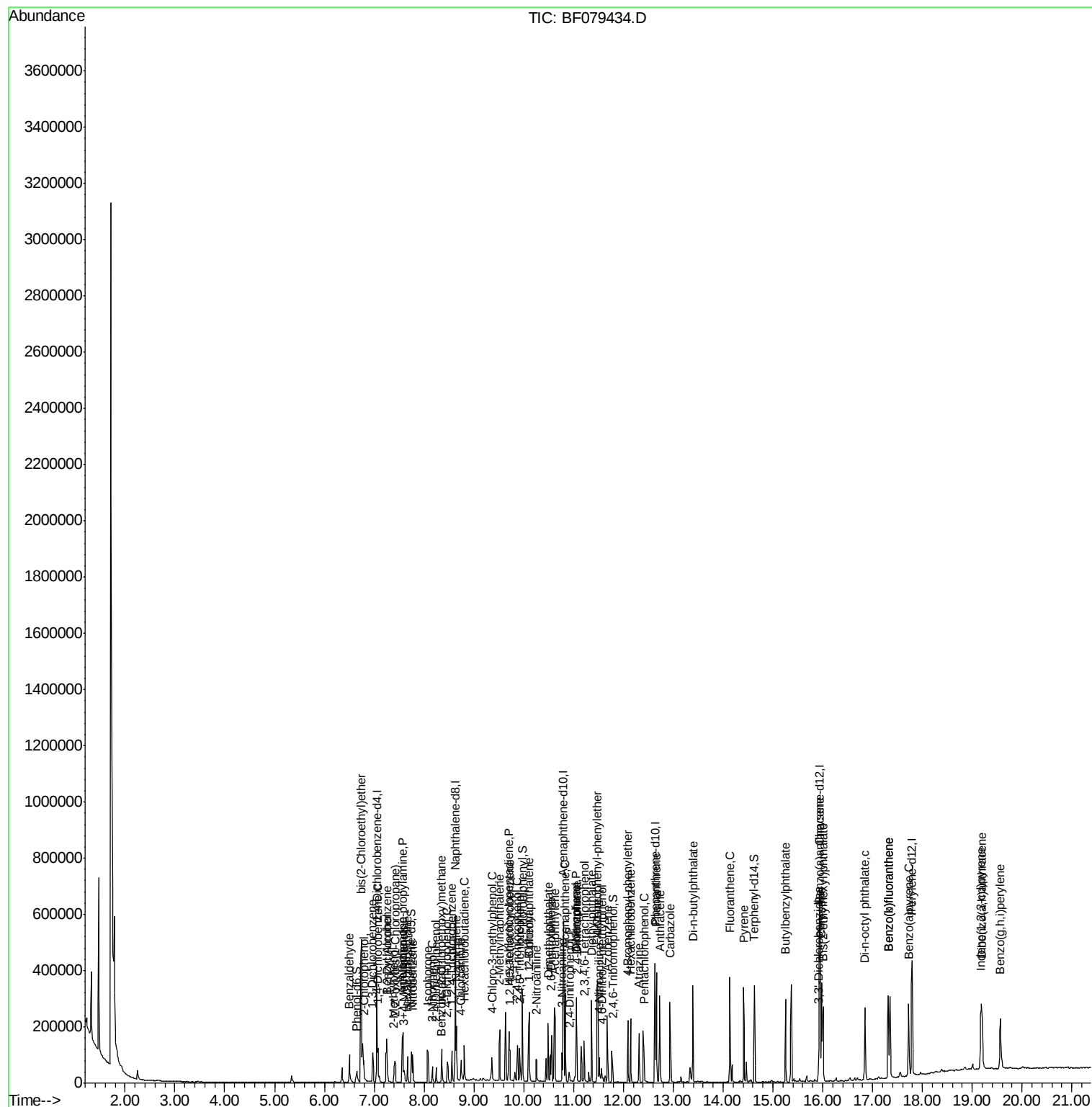
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	10.49	163	104423	11.10	ng	97
50) 2,6-Dinitrotoluene	10.56	165	23981	12.92	ng #	50
51) Acenaphthene	10.83	154	74590	9.59	ng	99
52) 3-Nitroaniline	10.77	138	18811	8.11	ng	91
53) 2,4-Dinitrophenol	10.91	184	7478	19.71	ng #	65
54) Dibenzofuran	11.05	168	113464	10.10	ng	98
55) 4-Nitrophenol	11.05	139	49878	27.18	ng #	3
56) 2,4-Dinitrotoluene	11.06	165	26337	10.73	ng #	88
57) Fluorene	11.47	166	99133	10.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	19492	9.51	ng	99
59) Diethylphthalate	11.36	149	106982	11.48	ng	98
60) 4-Chlorophenyl-phenylether	11.49	204	43808	10.71	ng	94
61) 4-Nitroaniline	11.52	138	21197	9.14	ng	91
62) Azobenzene	11.68	77	97828	10.66	ng	97
64) 4,6-Dinitro-2-methylphenol	11.57	198	6875	10.63	ng #	67
66) 4-Bromophenyl-phenylether	12.09	248	27782	11.29	ng	94
67) Hexachlorobenzene	12.15	284	31015	11.03	ng #	85
68) Atrazine	12.31	200	22804	9.98	ng	99
69) Pentachlorophenol	12.41	266	28819	22.86	ng	99
70) Phenanthrene	12.66	178	156426	11.85	ng	100
71) Anthracene	12.73	178	153967	11.89	ng	99
72) Carbazole	12.94	167	143380	11.62	ng	99
73) Di-n-butylphthalate	13.39	149	191803	12.96	ng	100
74) Fluoranthene	14.14	202	165842	12.06	ng	96
77) Pyrene	14.41	202	175286	13.44	ng	99
79) Butylbenzylphthalate	15.26	149	75528	13.24	ng	98
80) Benzo(a)anthracene	15.93	228	158255	12.76	ng	99
81) 3,3'-Dichlorobenzidine	15.92	252	15925	3.61	ng #	93
82) Chrysene	15.98	228	152594	12.80	ng	100
83) Bis(2-ethylhexyl)phthalate	16.01	149	113642	13.16	ng	99
84) Di-n-octyl phthalate	16.85	149	183947	12.09	ng	97
85) Indeno(1,2,3-cd)pyrene	19.17	276	178427	11.74	ng	99
87) Benzo(b)fluoranthene	17.31	252	151226	11.99	ng #	96
88) Benzo(k)fluoranthene	17.31	252	151226	12.39	ng	99
89) Benzo(a)pyrene	17.73	252	146833	12.64	ng	97
90) Dibenzo(a,h)anthracene	19.19	278	146612	11.88	ng	97
91) Benzo(g,h,i)perylene	19.57	276	151955	12.28	ng	97

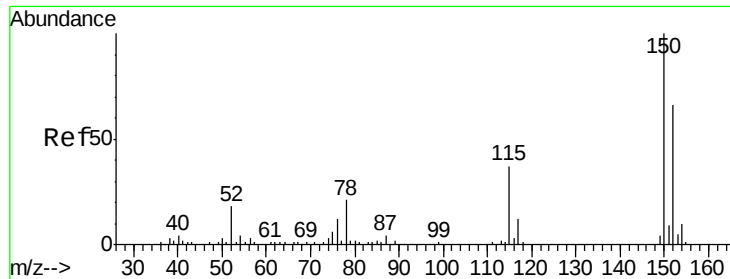
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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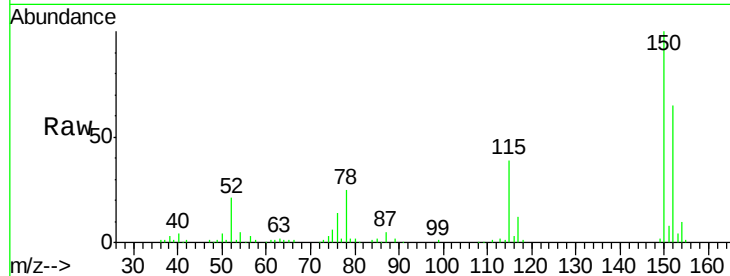




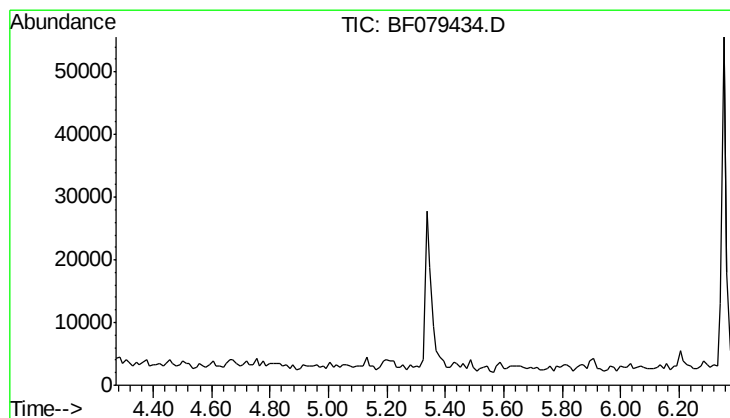
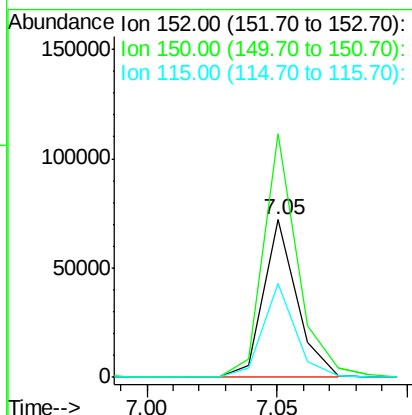
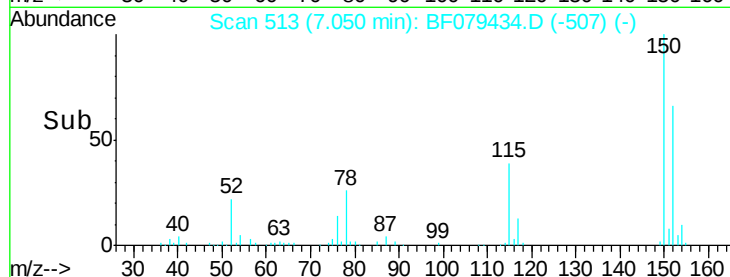
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

Tgt Ion: 152 Resp: 64409
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.8 185.8
 115 59.7 49.4 74.0

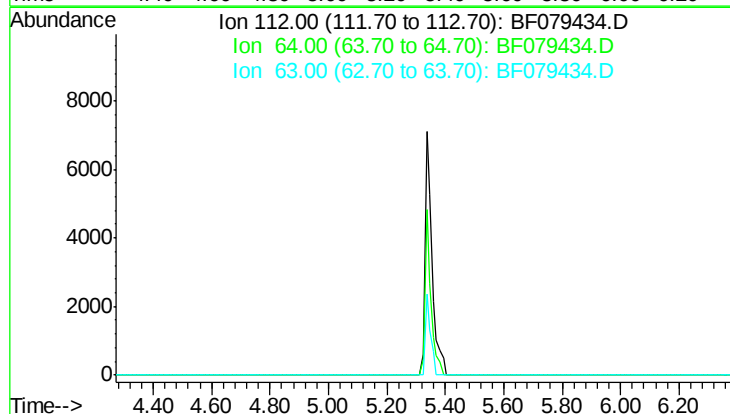


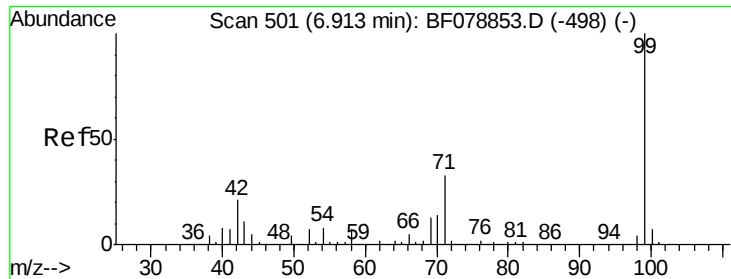
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.2
 63 28.4





#7

Phenol-d6

Concen: 2.07 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

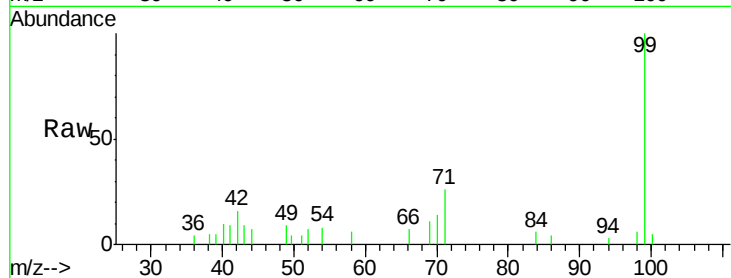
Tgt Ion: 99 Resp: 10251

Ion Ratio Lower Upper

99 100

42 16.1 17.1 25.7#

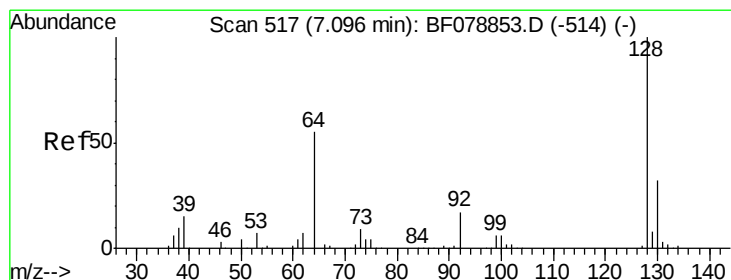
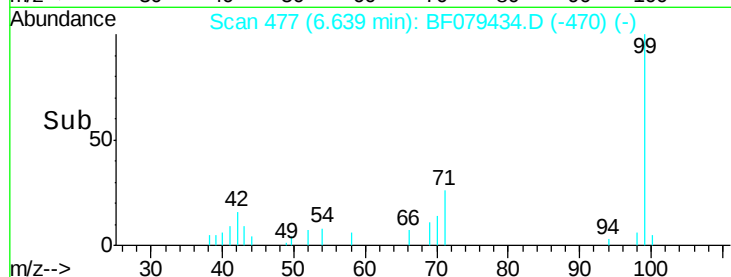
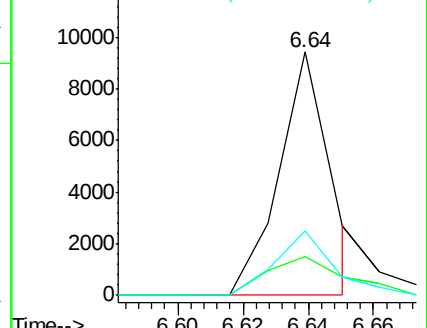
71 26.2 26.3 39.5#



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: 5.40 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

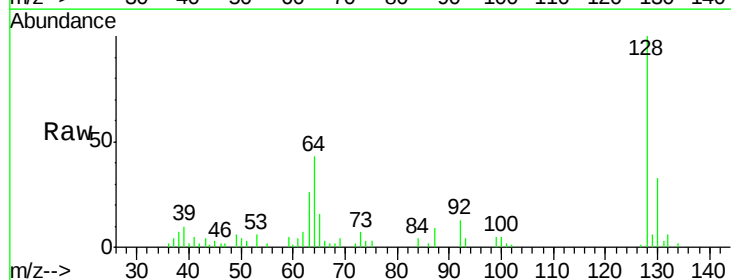
Tgt Ion: 128 Resp: 22936

Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

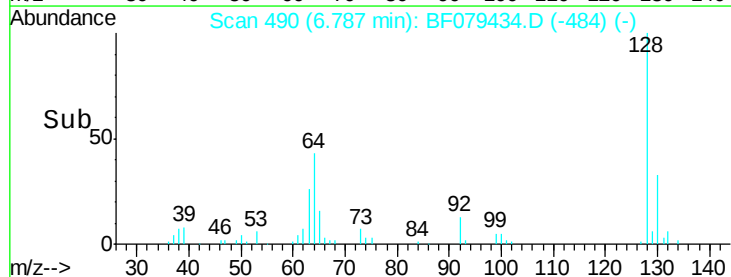
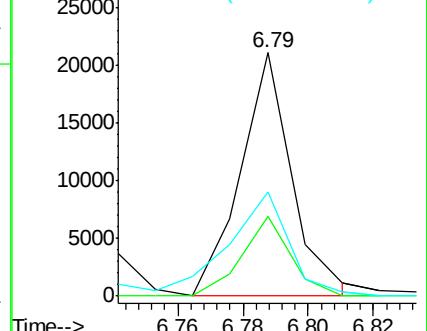
64 42.7 37.8 77.8

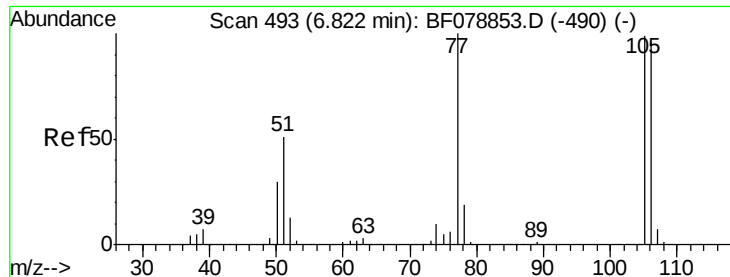


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.94 ng

RT: 6.50 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF079434.D

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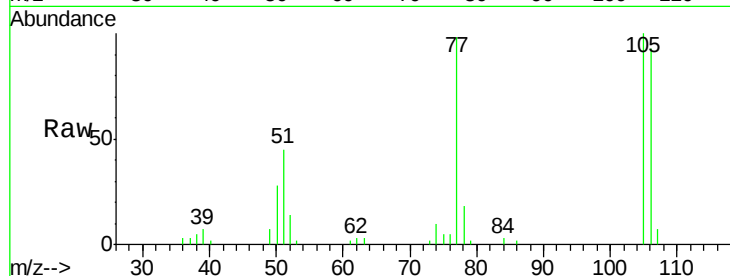
Tgt Ion: 77 Resp: 23119

Ion Ratio Lower Upper

77 100

105 102.4 78.9 118.9

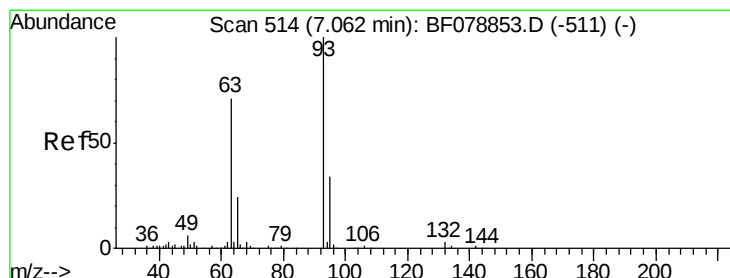
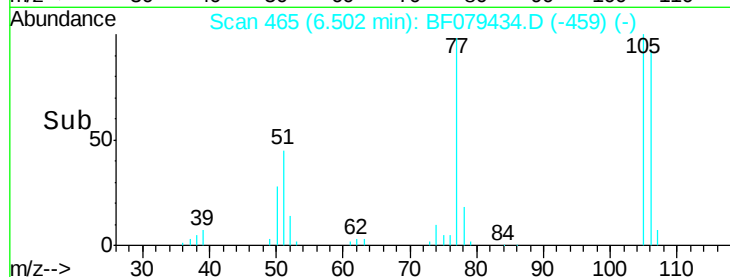
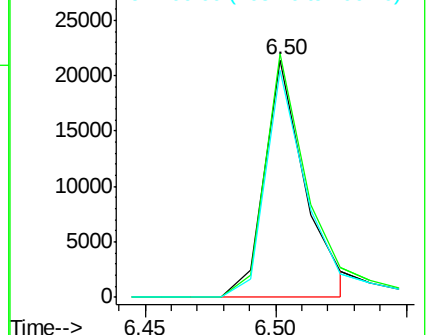
106 95.4 75.8 115.8



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



#11

bis(2-Chloroethyl)ether

Concen: 7.67 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

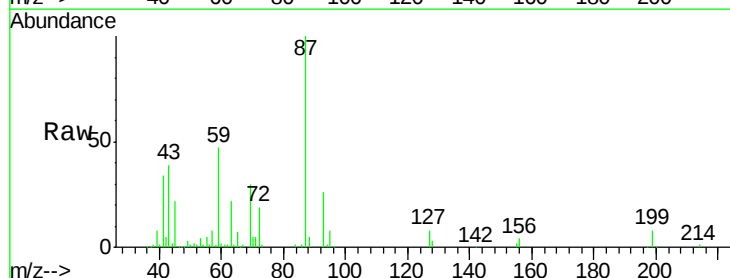
Tgt Ion: 93 Resp: 32247

Ion Ratio Lower Upper

93 100

63 83.7 50.8 90.8

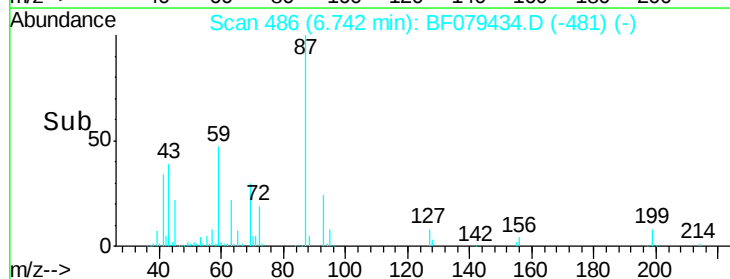
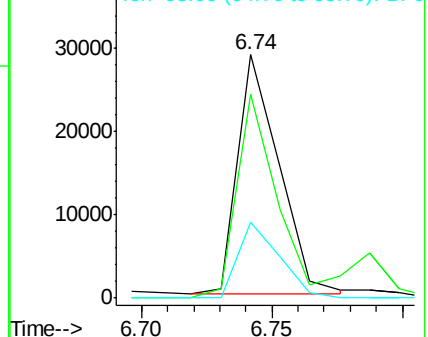
95 31.3 13.9 53.9

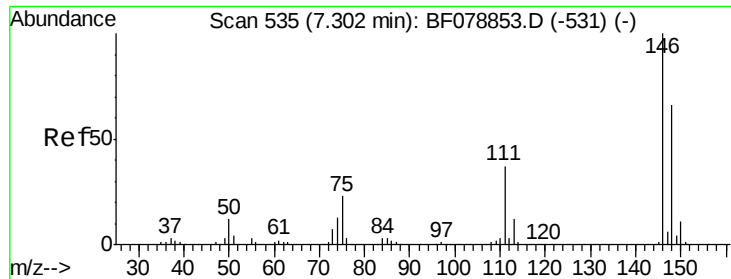


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

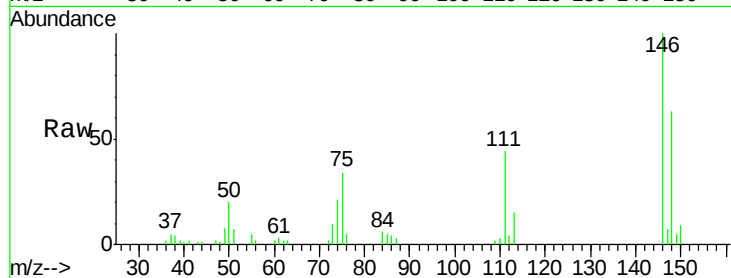




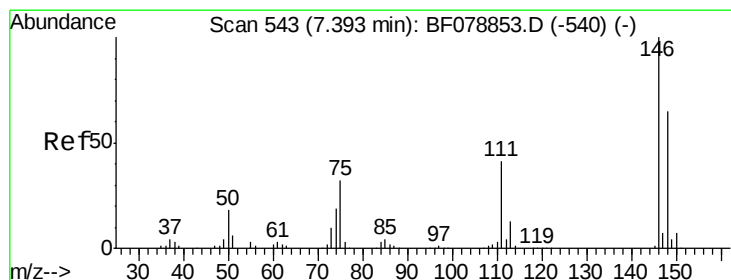
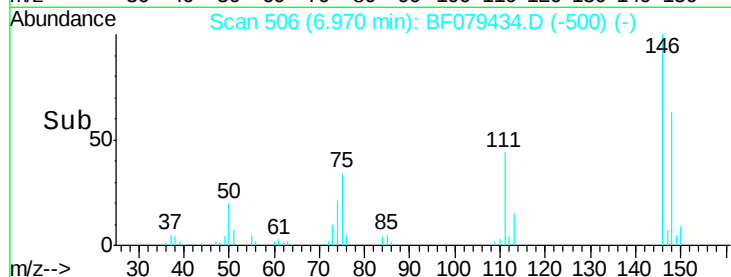
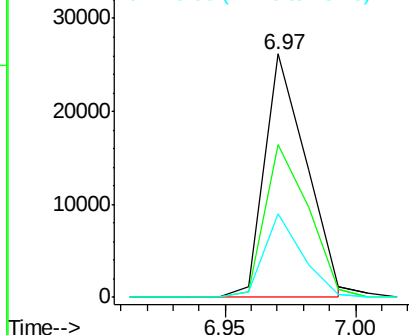
#12
 1,3-Dichlorobenzene
 Concen: 6.06 ng
 RT: 6.97 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

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Tgt Ion:146 Resp: 28895
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.4 78.6
 75 34.4 18.6 27.8#

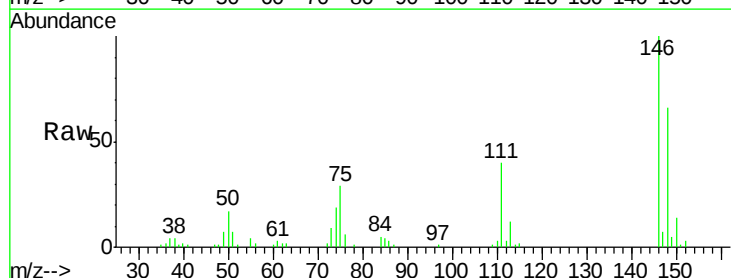


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

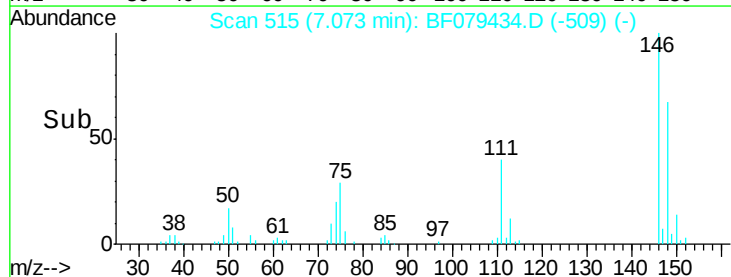
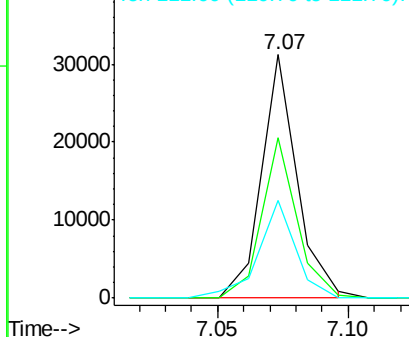


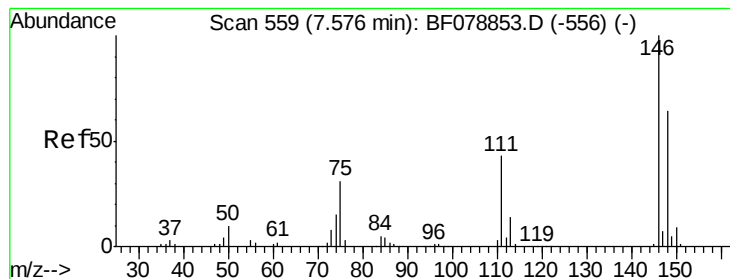
#13
 1,4-Dichlorobenzene
 Concen: 6.05 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:146 Resp: 29702
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.7 77.5
 111 39.9 32.8 49.2



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: 6.47 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF079434.D

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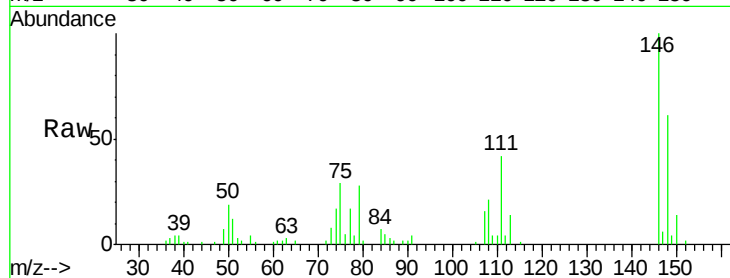
Tgt Ion:146 Resp: 29584

Ion Ratio Lower Upper

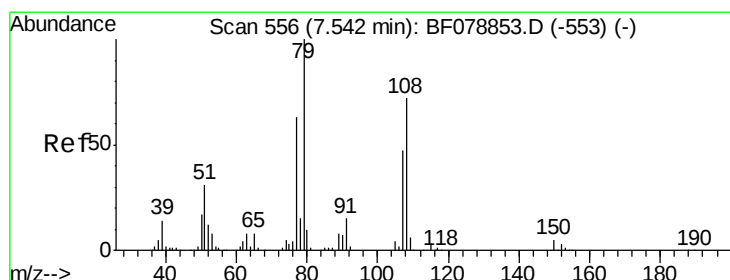
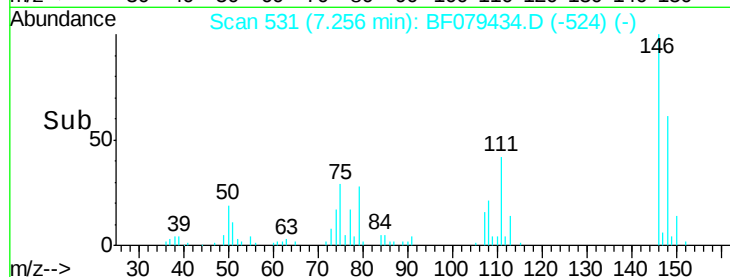
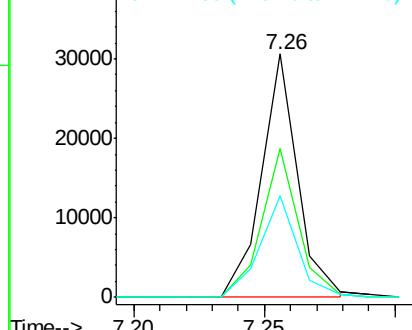
146 100

148 60.9 51.1 76.7

111 41.9 34.6 52.0



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



#15

Benzyl Alcohol

Concen: 3.46 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

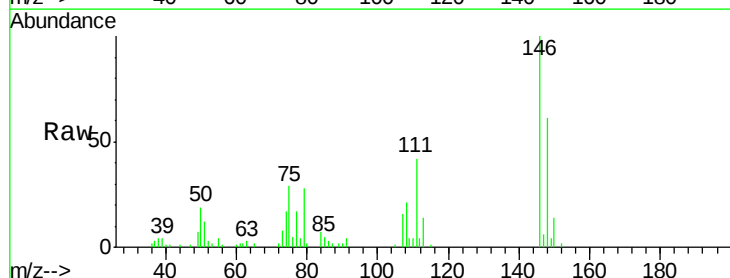
Tgt Ion: 79 Resp: 12717

Ion Ratio Lower Upper

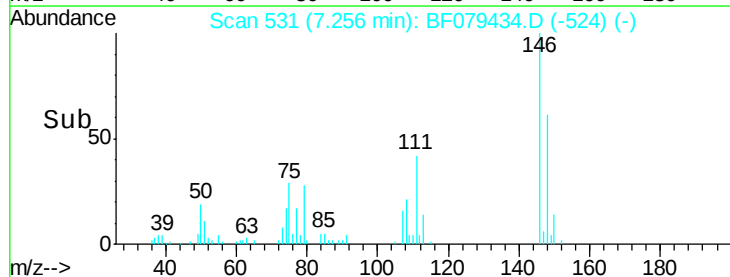
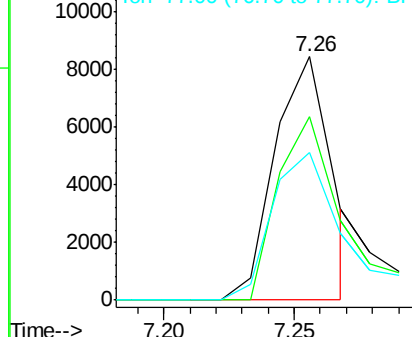
79 100

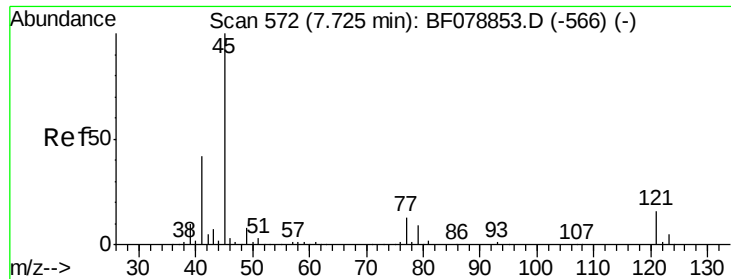
108 75.5 57.4 86.2

77 60.6 50.2 75.4



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

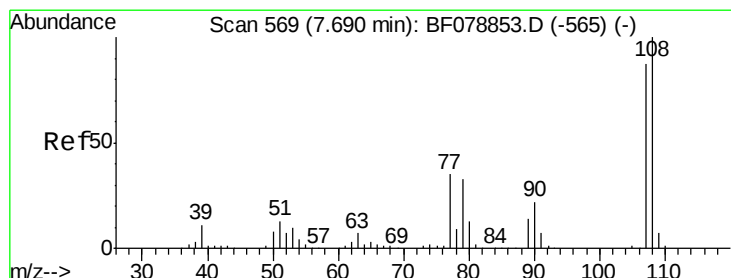
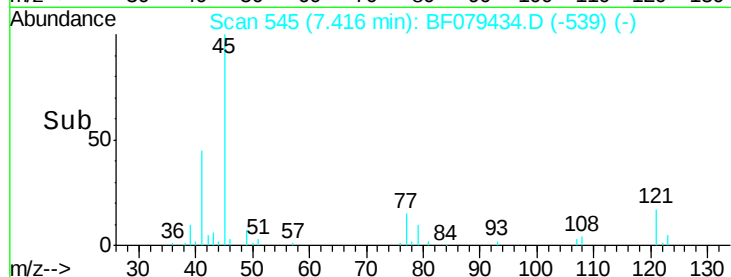
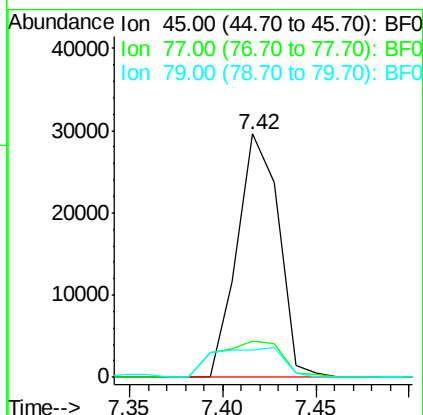
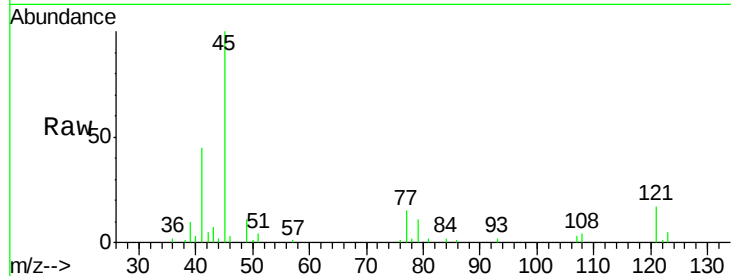




#16
2,2'-oxybis(1-chloropropane)
Concen: 7.12 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

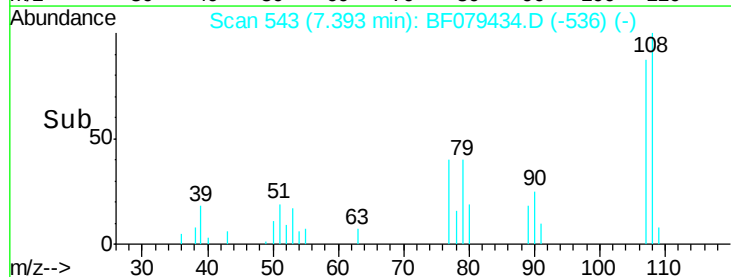
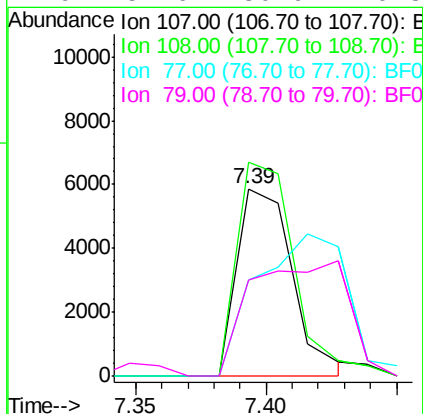
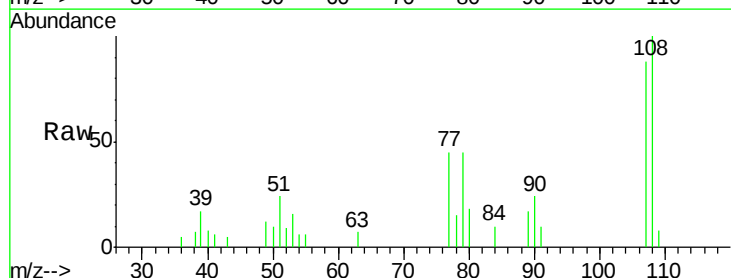
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

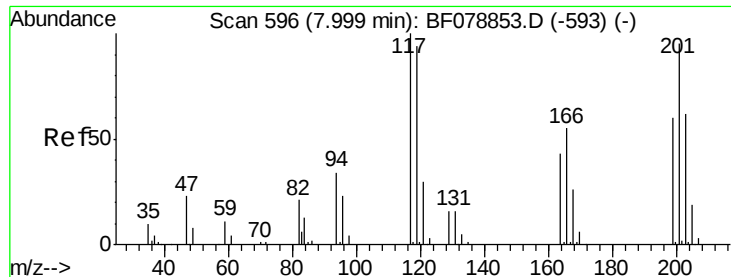
Tgt Ion:	45	Resp:	45787
Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.6
79	11.0	0.0	29.3



#17
2-Methylphenol
Concen: 2.56 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion:	107	Resp:	8743
Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.4	138.6
77	51.0	32.6	49.0#
79	51.6	30.9	46.3#

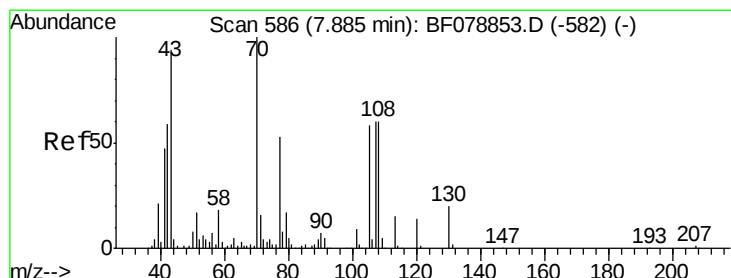
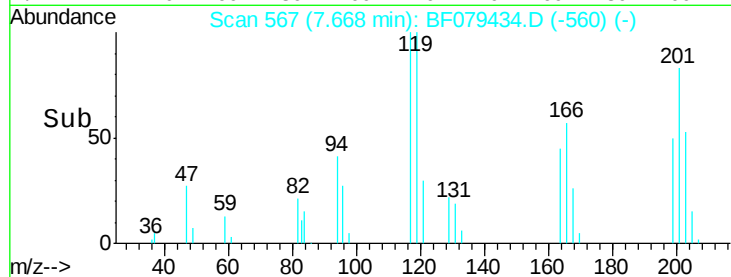
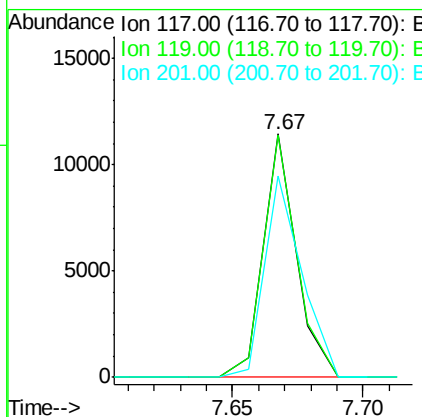
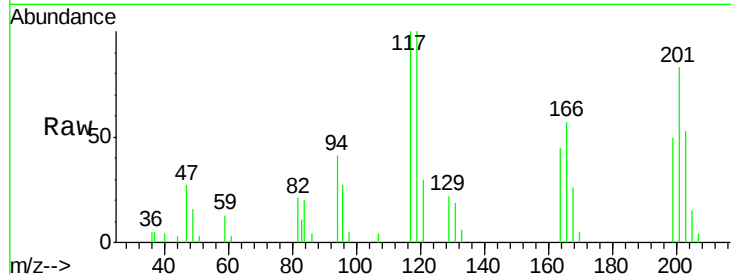




#18
Hexachloroethane
Concen: 6.00 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

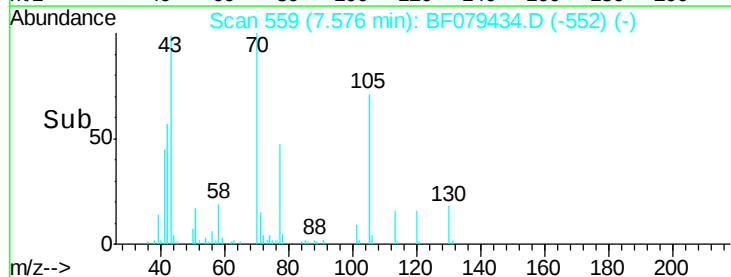
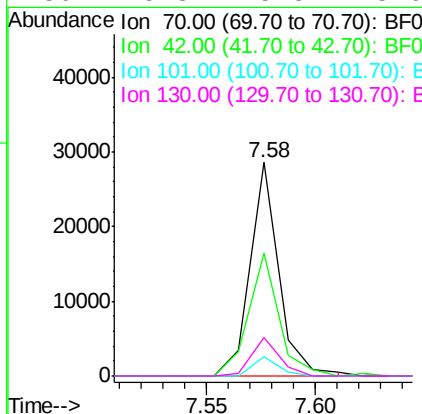
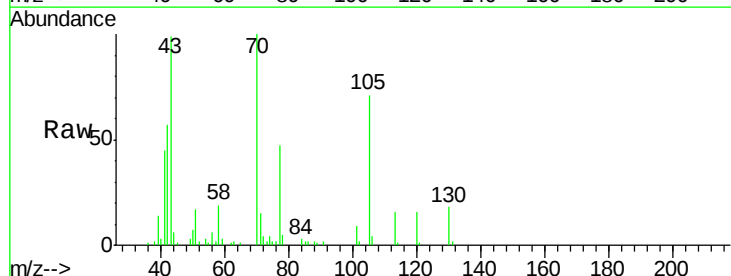
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

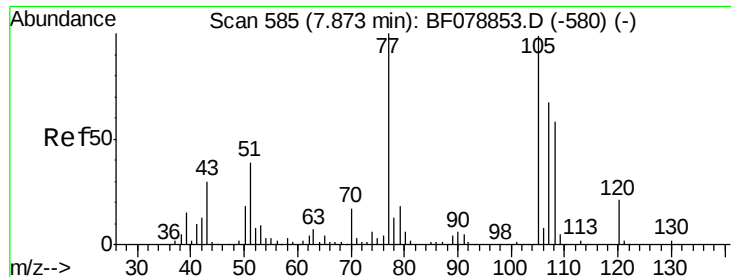
Tgt Ion: 117 Resp: 10150
Ion Ratio Lower Upper
117 100
119 99.6 75.2 112.8
201 82.6 75.8 113.8



#19
n-Nitroso-di-n-propylamine
Concen: 7.85 ng
RT: 7.58 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion: 70 Resp: 26234
Ion Ratio Lower Upper
70 100
42 57.4 47.3 70.9
101 9.3 7.5 11.3
130 18.3 15.8 23.6

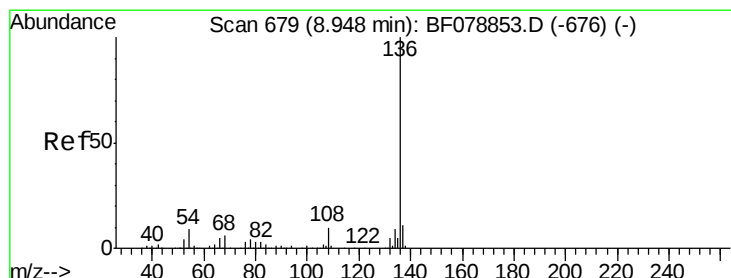
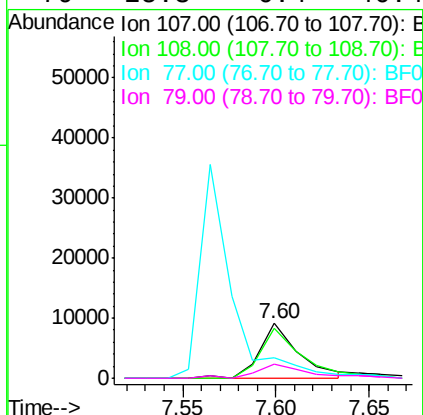
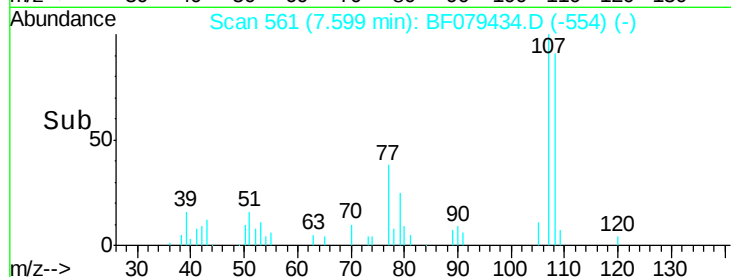
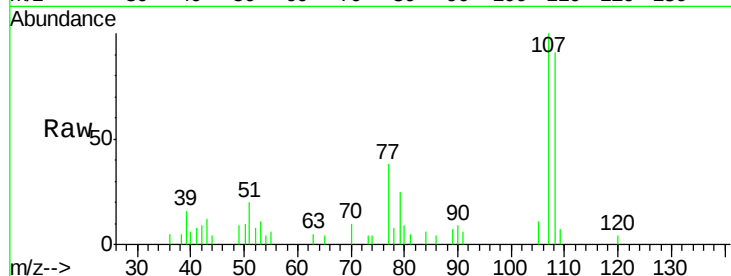




#20
 3+4-Methylphenols
 Concen: 2.94 ng
 RT: 7.60 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

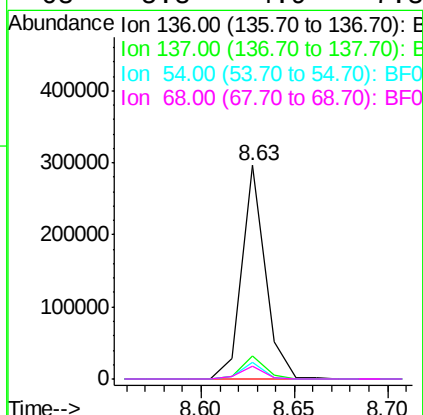
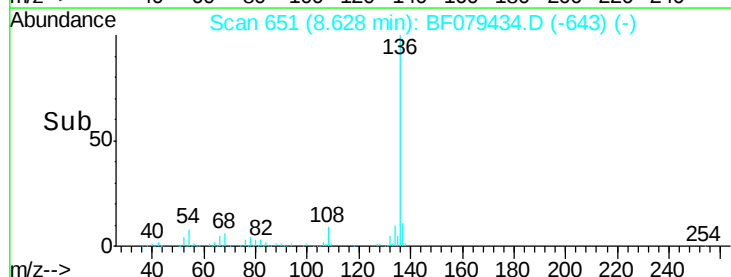
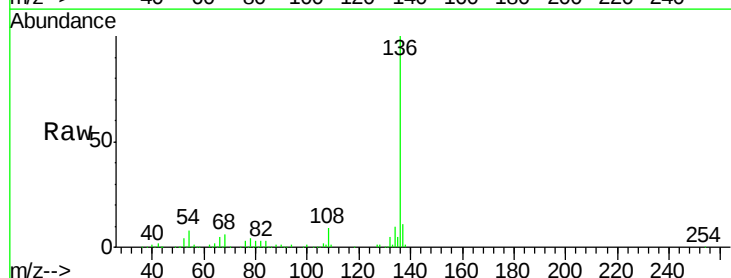
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

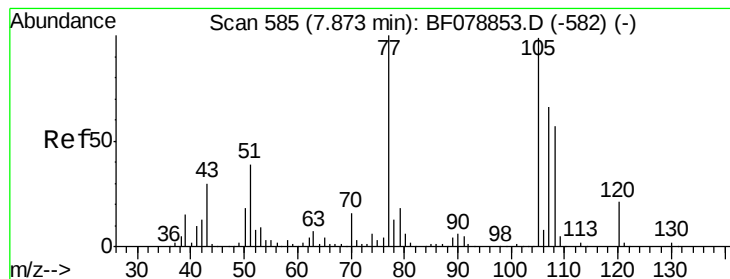
Tgt Ion:107 Resp: 13376
 Ion Ratio Lower Upper
 107 100
 108 90.6 66.5 106.5
 77 38.3 130.6 170.6#
 79 25.3 6.4 46.4



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.63 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:136 Resp: 261776
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.8 13.2
 54 7.6 6.9 10.3
 68 5.8 4.9 7.3





#22

Acetophenone

Concen: 8.26 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

Tgt Ion: 105 Resp: 48844

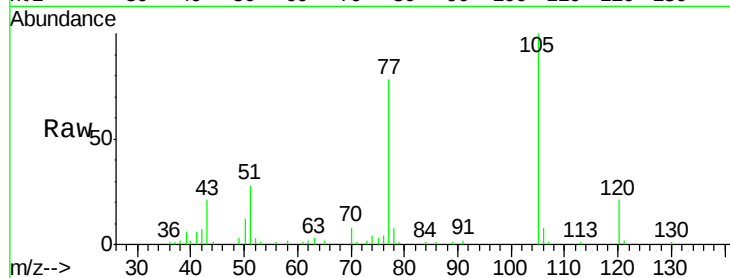
Ion Ratio Lower Upper

105 100

71 1.4 2.2 3.4#

51 27.7 31.1 46.7#

120 20.6 16.7 25.1

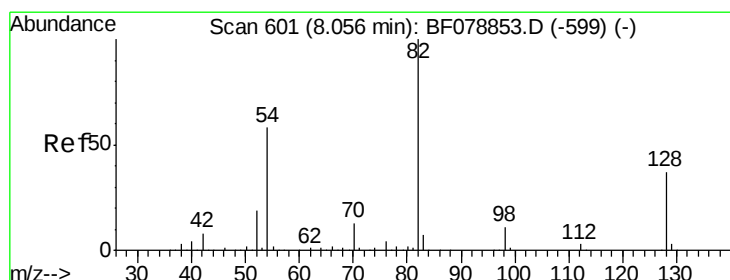
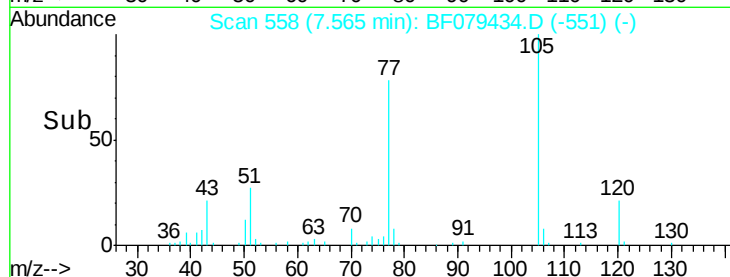
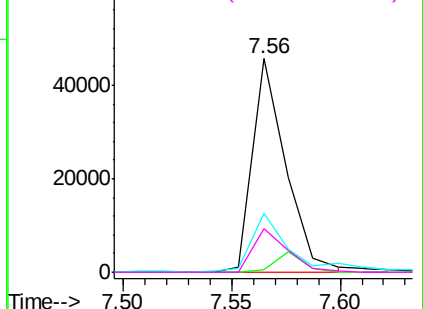


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 7.61 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

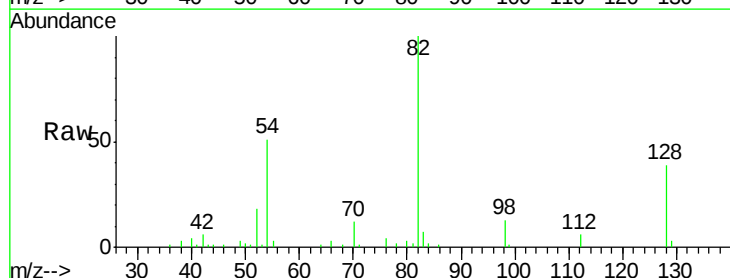
Tgt Ion: 82 Resp: 34680

Ion Ratio Lower Upper

82 100

128 38.8 29.7 44.5

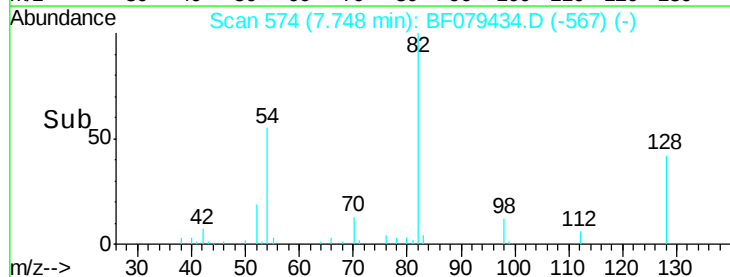
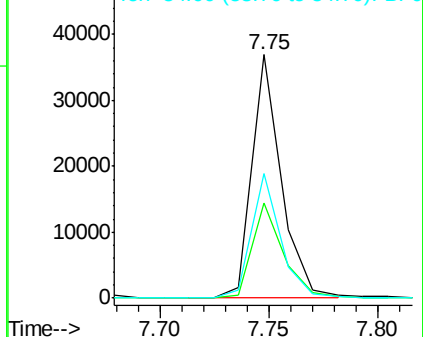
54 51.4 46.2 69.4

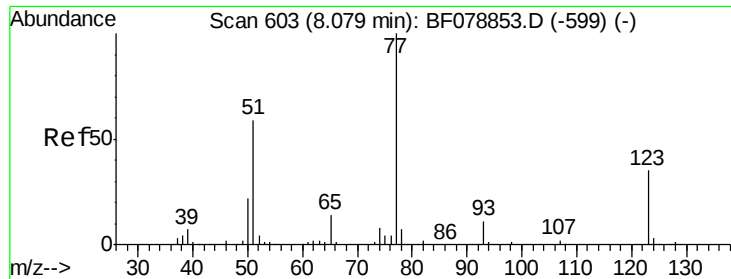


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

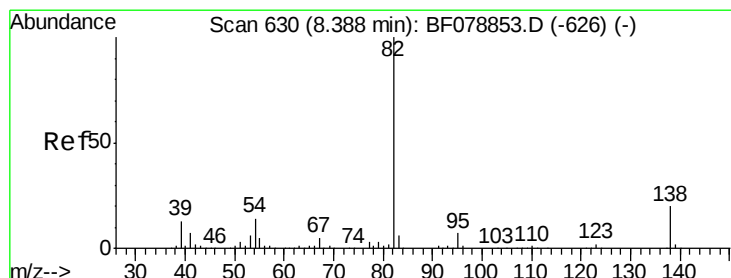
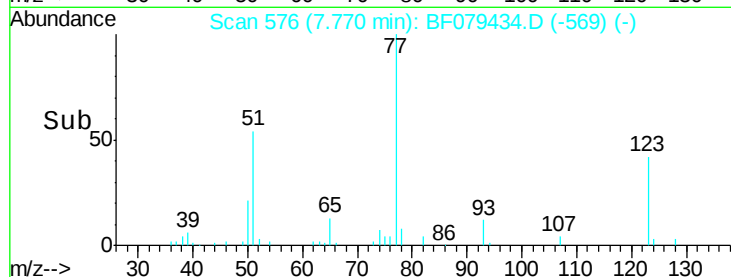
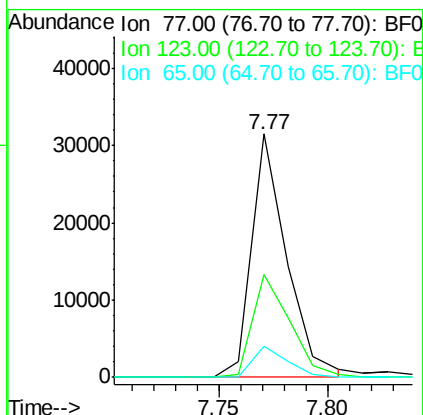
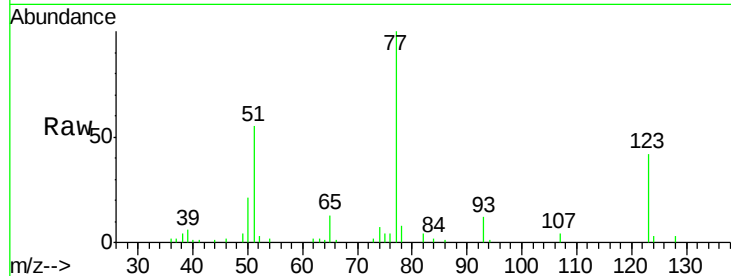




#24
Nitrobenzene
Concen: 7.84 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

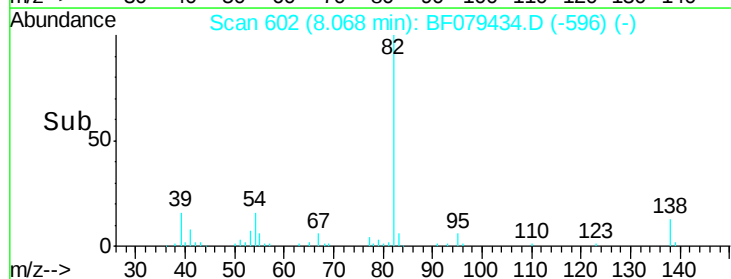
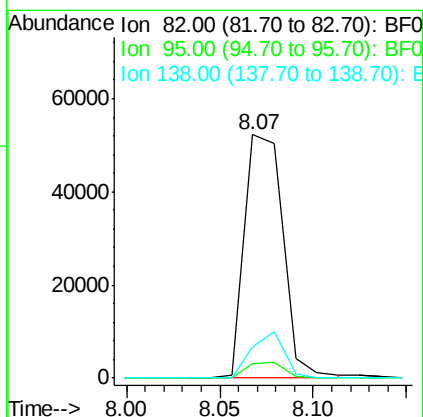
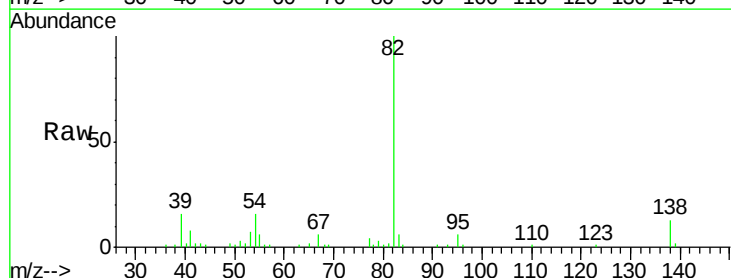
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

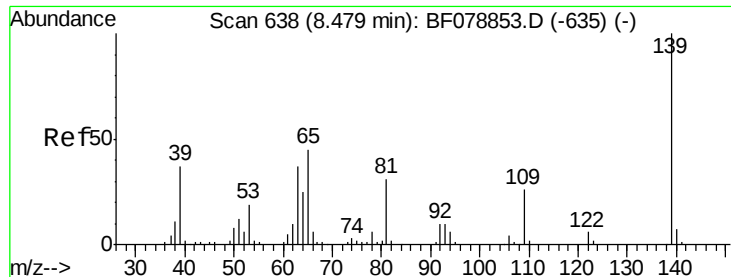
Tgt Ion: 77 Resp: 35401
Ion Ratio Lower Upper
77 100
123 42.3 28.3 42.5
65 12.5 11.0 16.4



#25
Isophorone
Concen: 8.92 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion: 82 Resp: 75280
Ion Ratio Lower Upper
82 100
95 5.8 5.4 8.2
138 13.0 16.1 24.1#

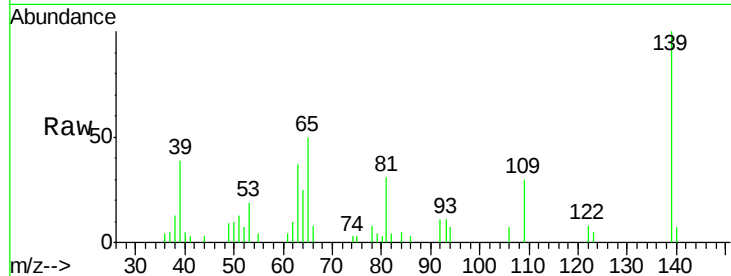




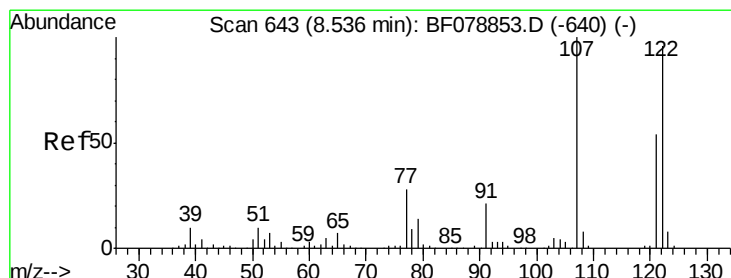
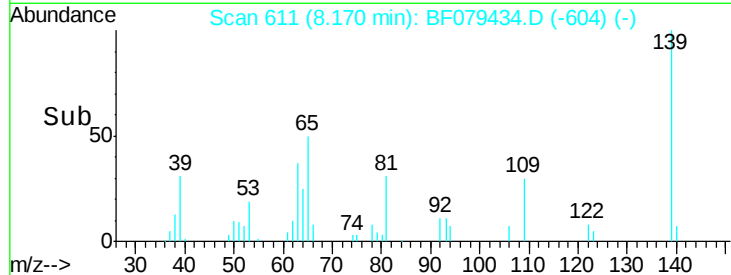
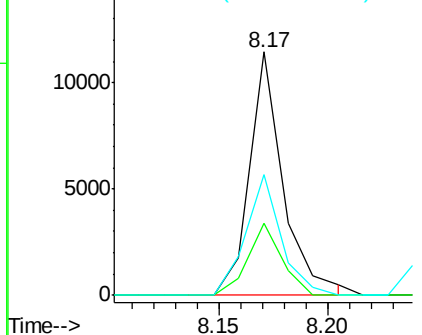
#26
 2-Nitrophenol
 Concen: 6.61 ng
 RT: 8.17 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

Tgt Ion:139 Resp: 12351
 Ion Ratio Lower Upper
 139 100
 109 29.6 20.9 31.3
 65 49.8 35.8 53.8

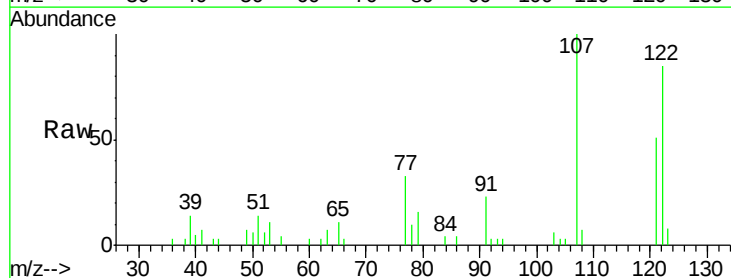


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

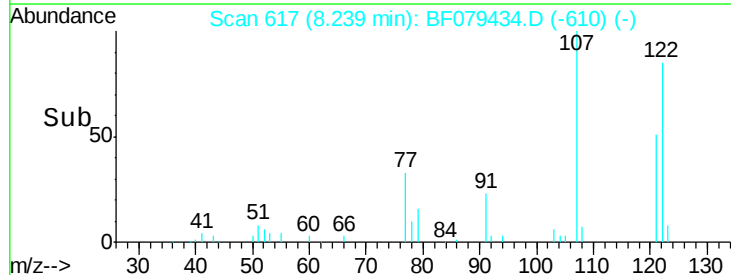
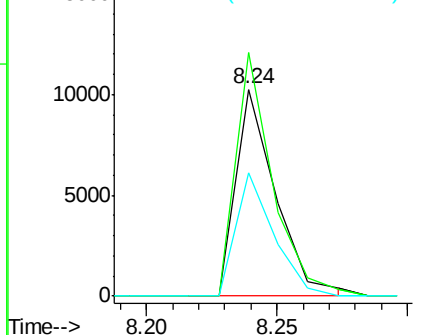


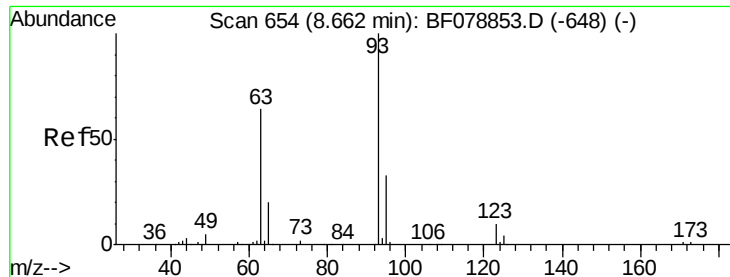
#27
 2,4-Dimethylphenol
 Concen: 2.93 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:122 Resp: 10973
 Ion Ratio Lower Upper
 122 100
 107 117.7 83.6 125.4
 121 59.9 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

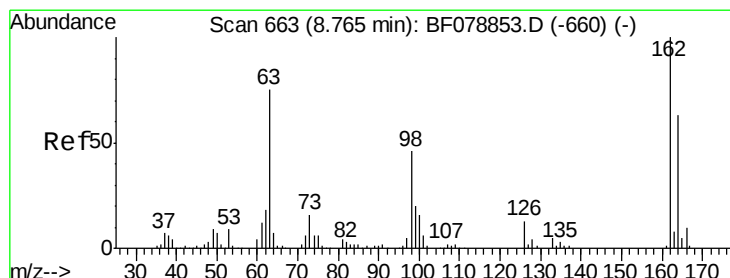
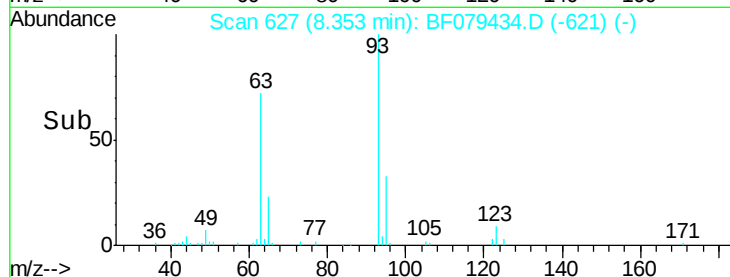
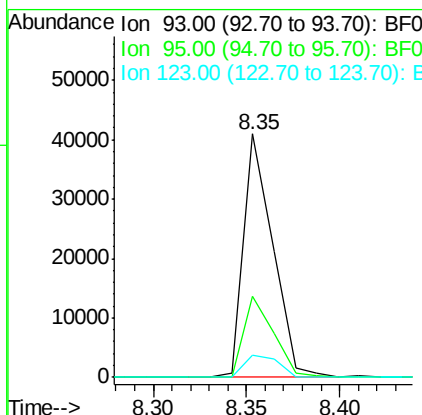
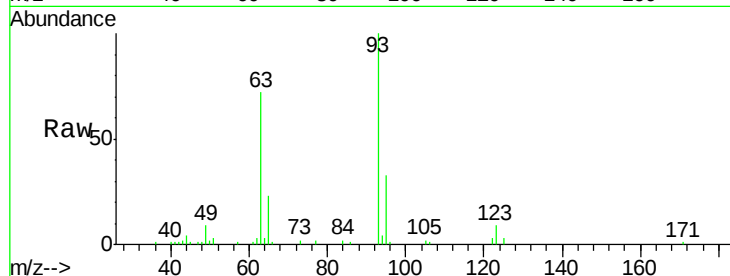




#28
bis(2-Chloroethoxy)methane
Concen: 8.60 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

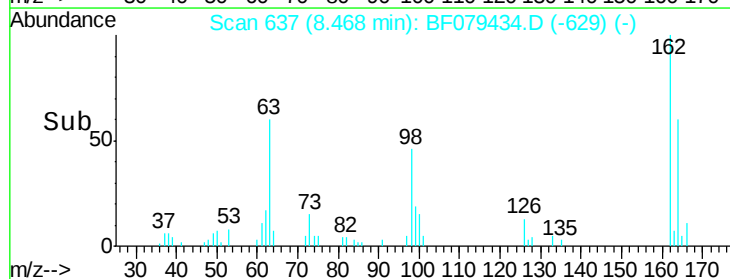
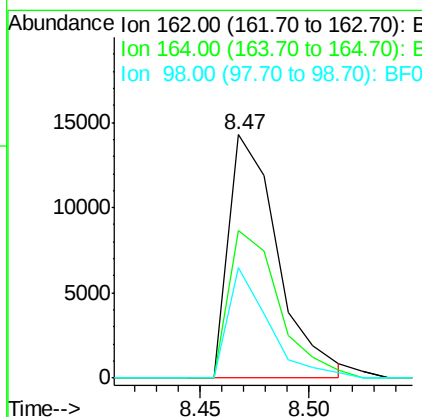
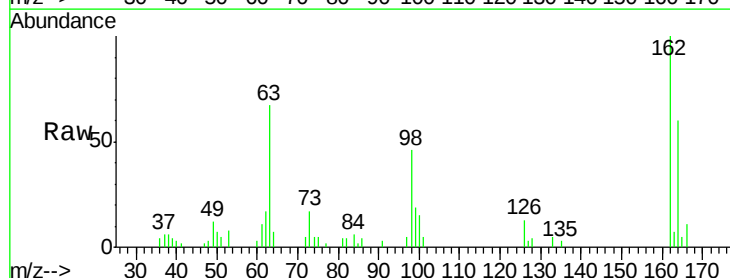
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

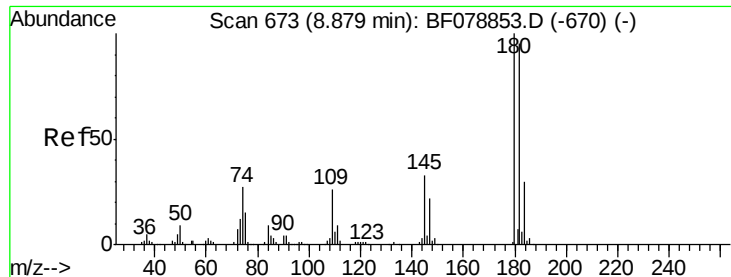
Tgt Ion: 93 Resp: 44749
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 9.0 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 6.76 ng
RT: 8.47 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion: 162 Resp: 22485
Ion Ratio Lower Upper
162 100
164 60.4 42.7 82.7
98 45.5 26.3 66.3

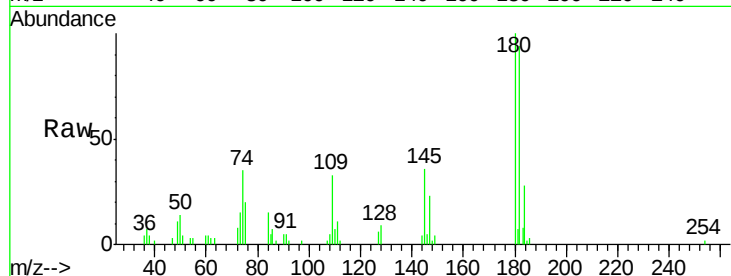




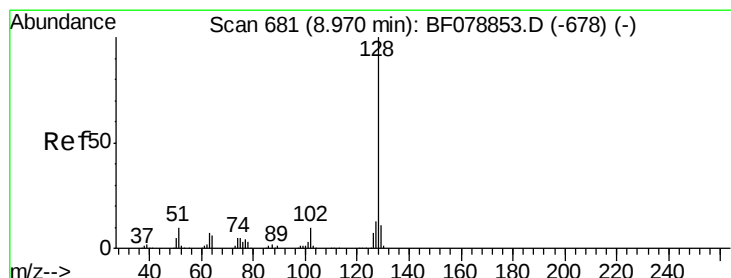
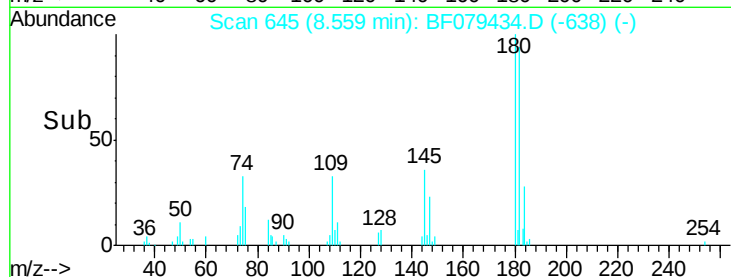
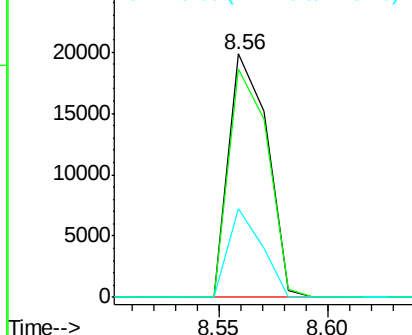
#30
 1,2,4-Trichlorobenzene
 Concen: 6.69 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

Tgt Ion:180 Resp: 24418
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.7 113.5
 145 36.2 26.2 39.4

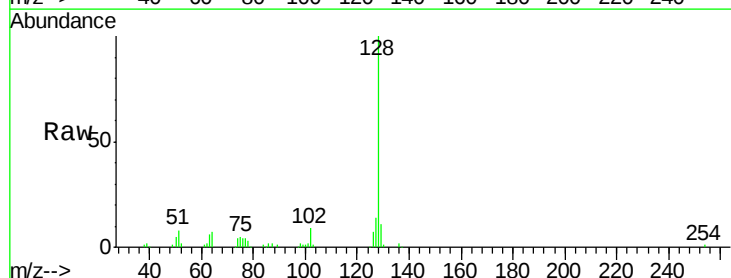


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

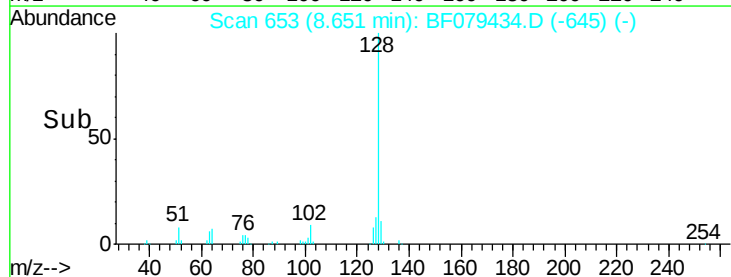
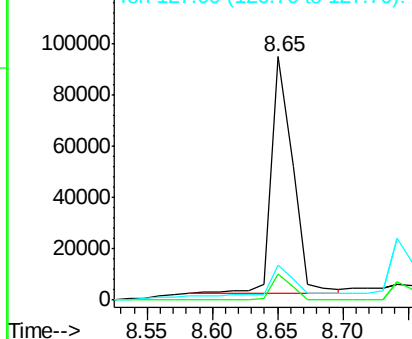


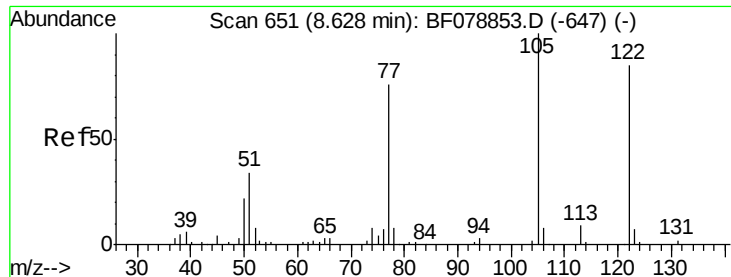
#31
 Naphthalene
 Concen: 8.48 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:128 Resp: 105754
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.2 13.8
 127 14.3 10.3 15.5



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: 7.61 ng

RT: 8.34 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

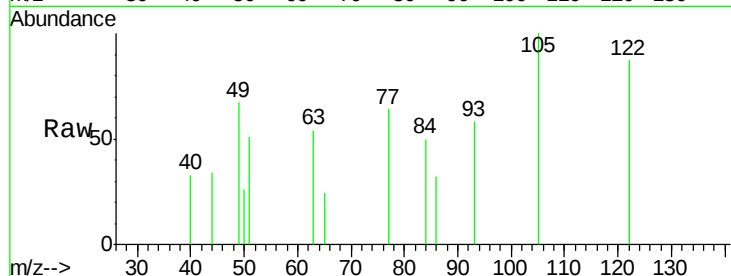
Tgt Ion:122 Resp: 3501

Ion Ratio Lower Upper

122 100

105 114.7 100.7 140.7

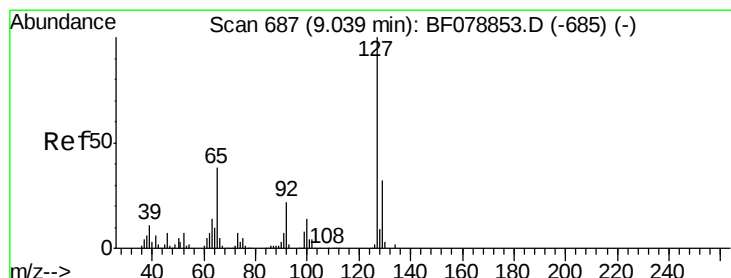
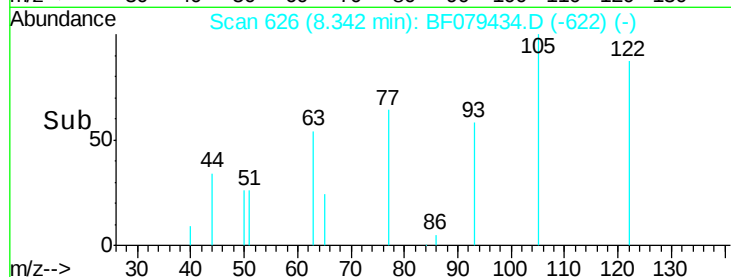
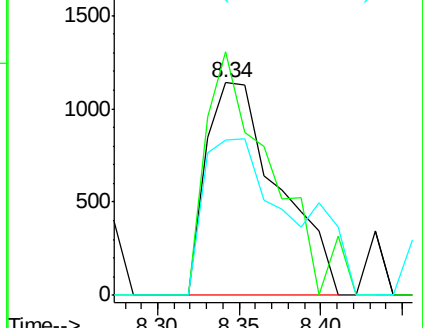
77 73.4 72.0 112.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 5.56 ng

RT: 8.74 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Tgt Ion:127 Resp: 29347

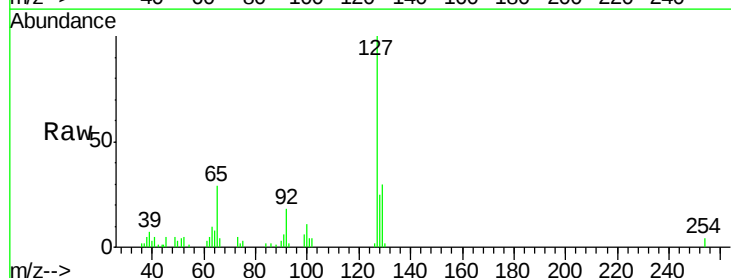
Ion Ratio Lower Upper

127 100

129 29.7 25.6 38.4

65 29.4 30.2 45.4#

92 17.8 17.5 26.3

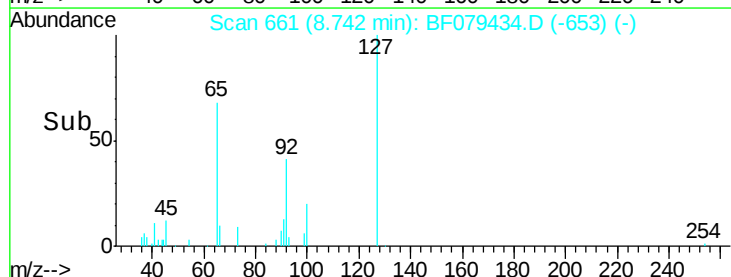
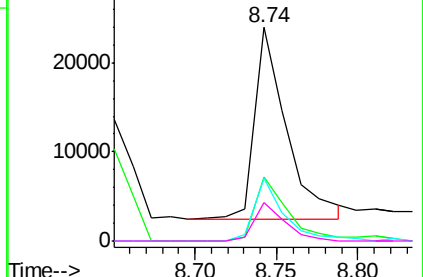


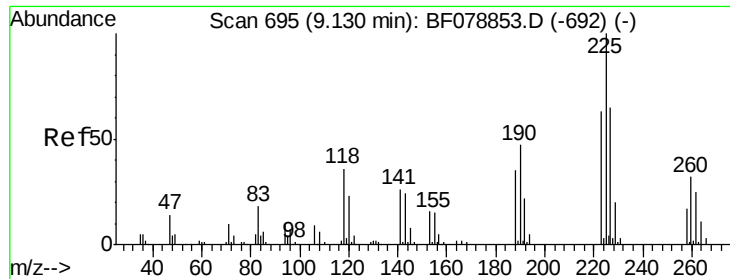
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

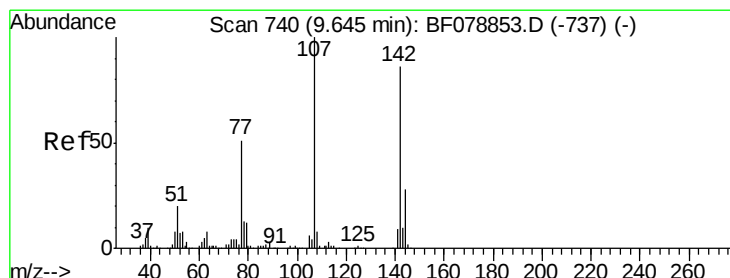
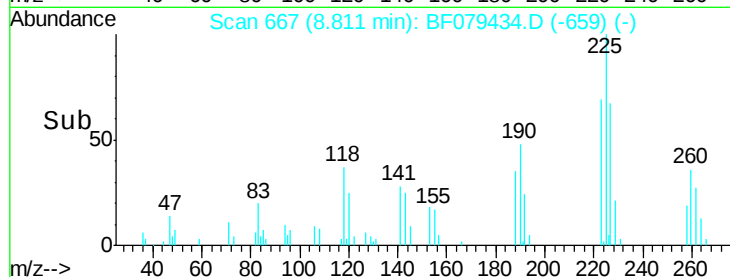
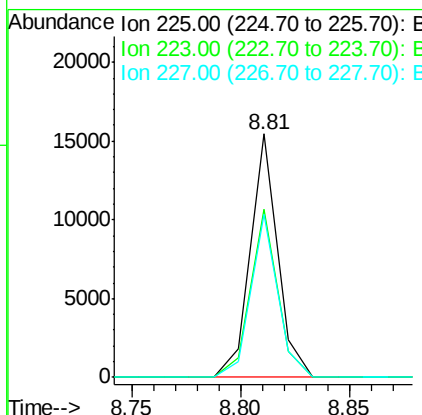
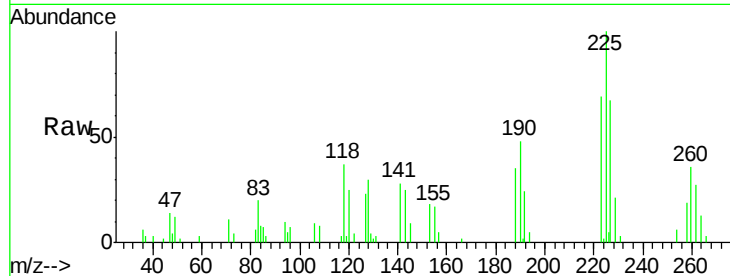




#34
Hexachlorobutadiene
Concen: 6.39 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

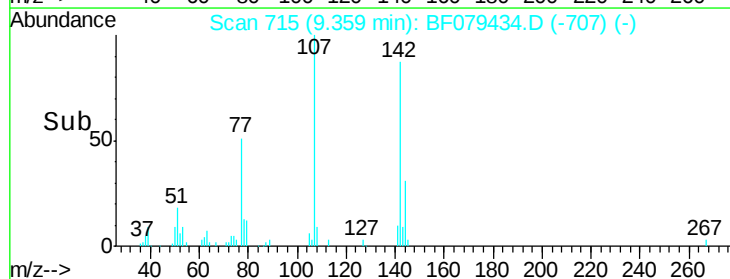
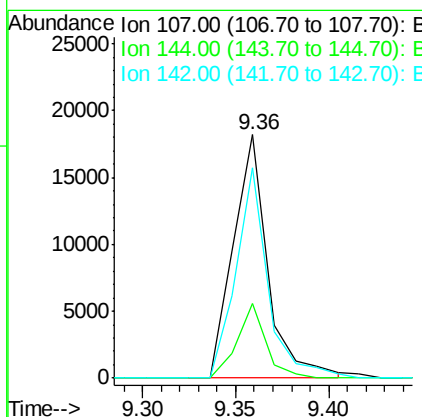
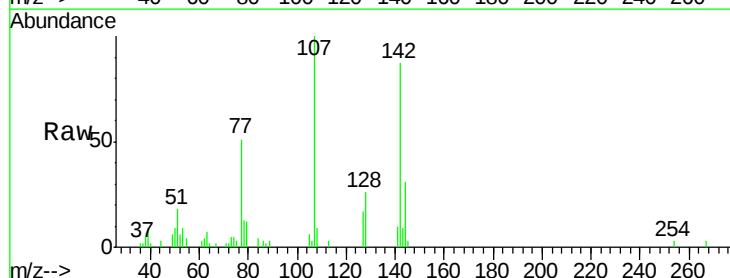
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

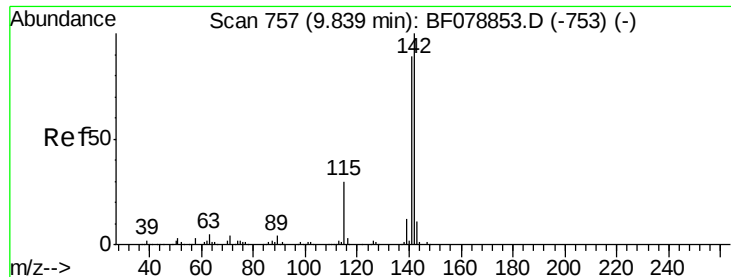
Tgt Ion: 225 Resp: 13443
Ion Ratio Lower Upper
225 100
223 69.3 50.6 75.8
227 67.1 52.1 78.1



#36
4-Chloro-3-methylphenol
Concen: 6.72 ng
RT: 9.36 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion: 107 Resp: 23473
Ion Ratio Lower Upper
107 100
144 30.9 22.5 33.7
142 86.5 68.6 103.0

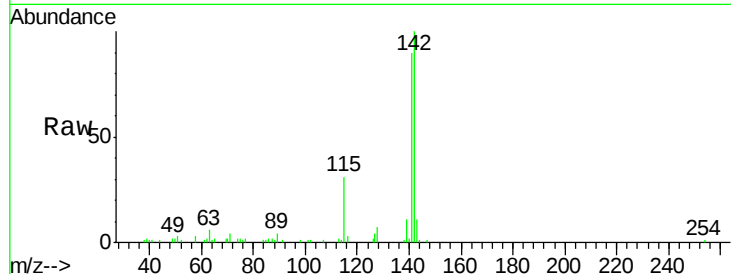




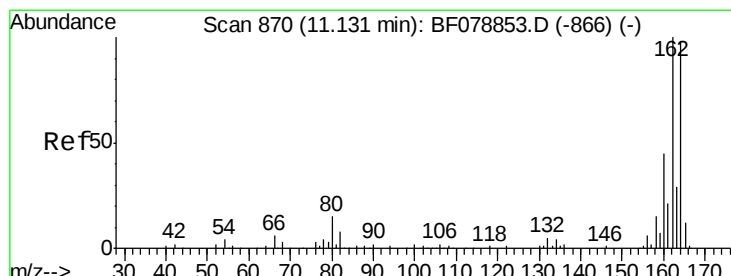
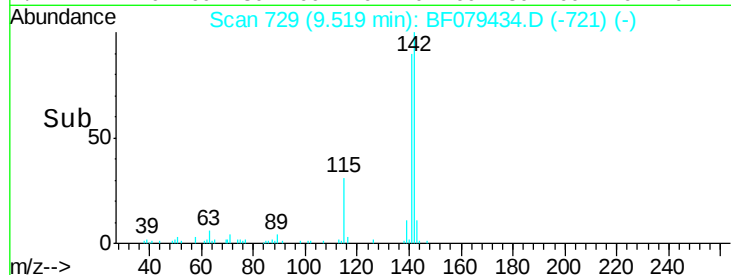
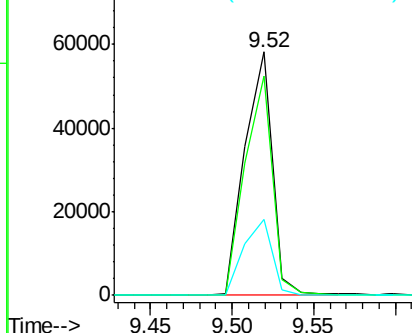
#37
 2-Methylnaphthalene
 Concen: 7.92 ng
 RT: 9.52 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.6	107.4
115	31.1	24.2	36.4

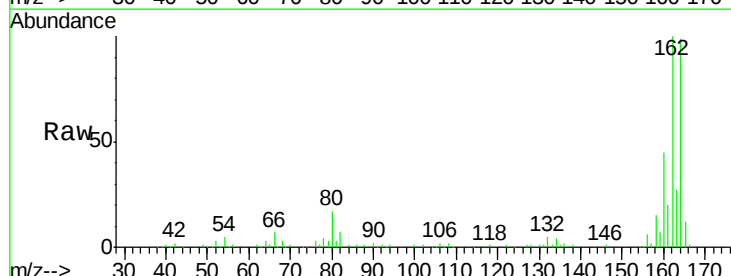


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

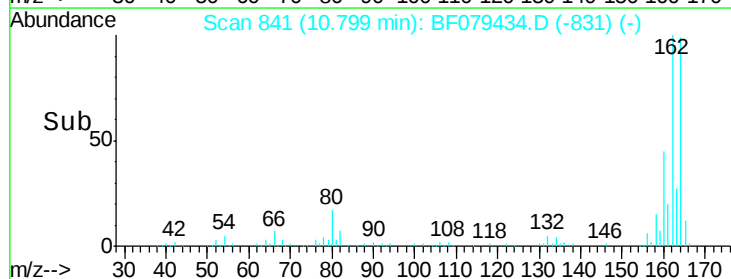
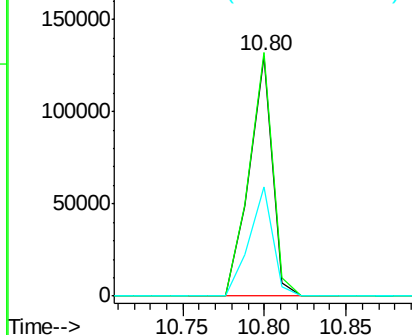


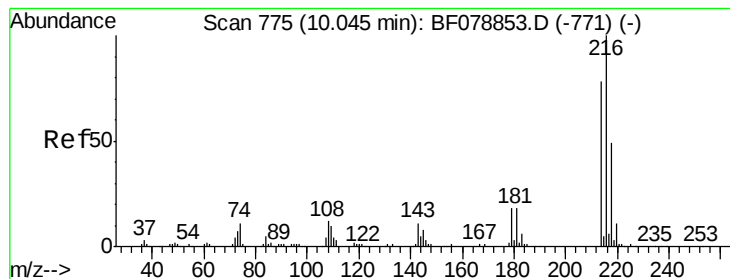
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	45.7	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.61 ng

RT: 9.72 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

Tgt Ion:216 Resp: 27473

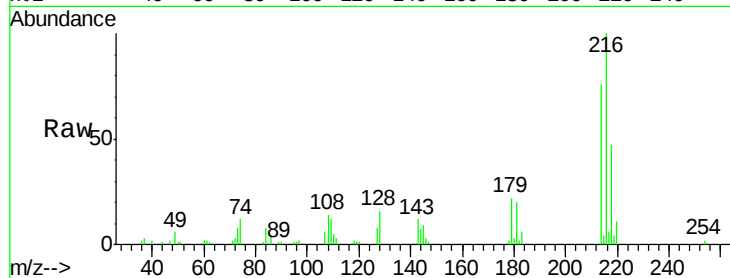
Ion Ratio Lower Upper

216 100

214 75.5 64.0 96.0

179 22.9 17.0 25.4

108 24.2 17.0 25.6

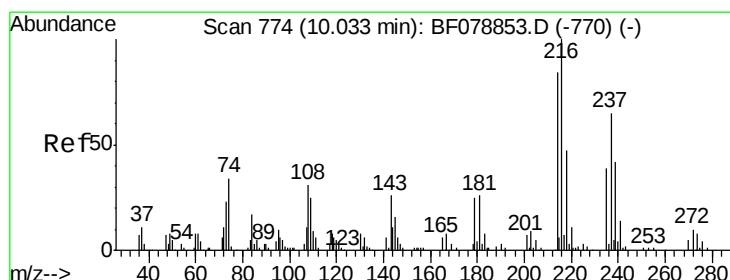
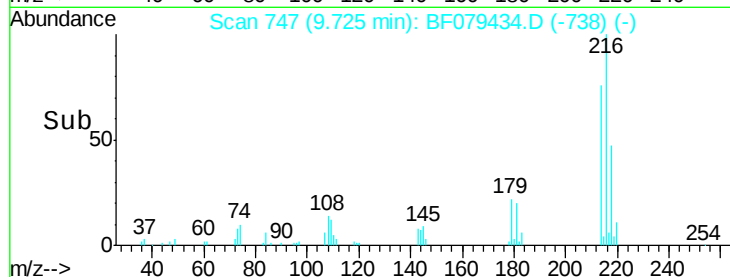
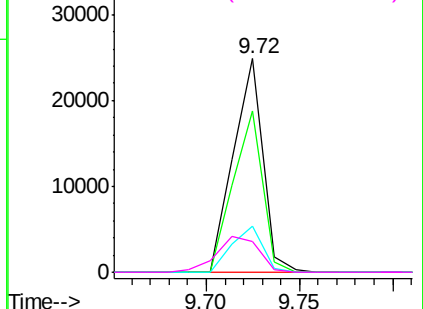


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.23 ng

RT: 9.70 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

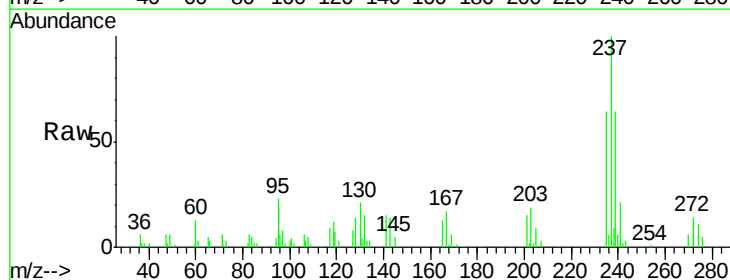
Tgt Ion:237 Resp: 24011

Ion Ratio Lower Upper

237 100

235 64.2 40.0 80.0

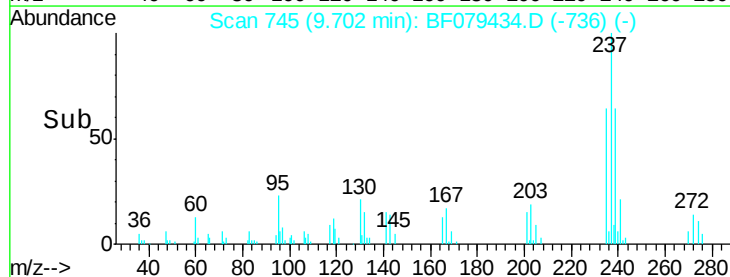
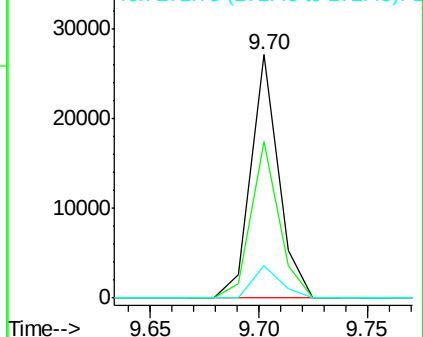
272 13.6 0.0 36.0

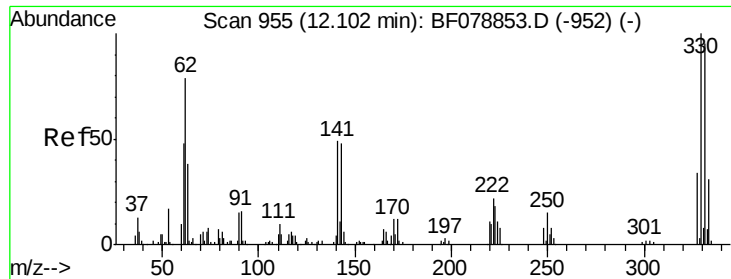


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

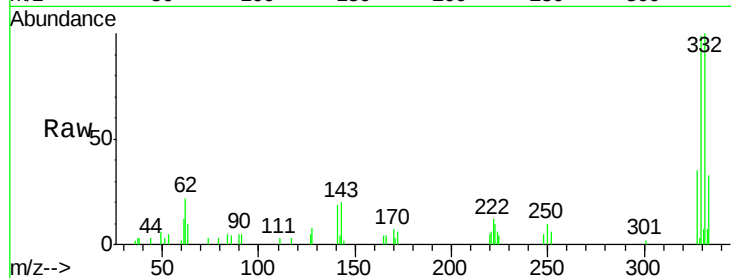




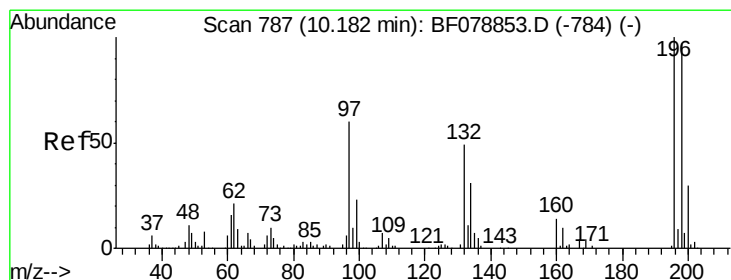
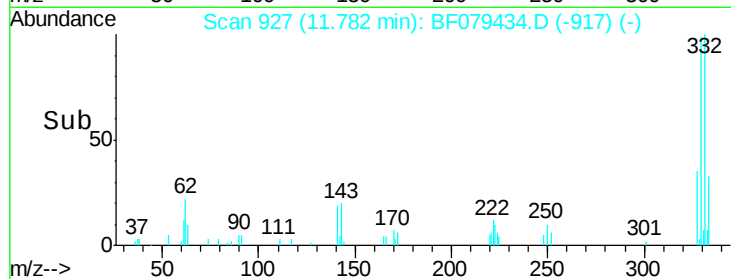
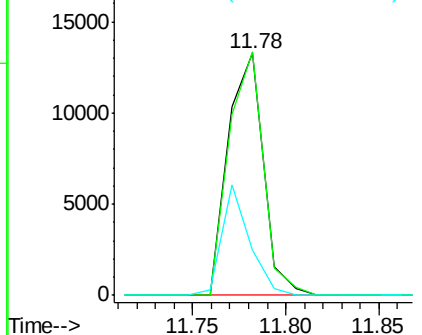
#41
 2,4,6-Tribromophenol
 Concen: 12.64 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

Tgt Ion:330 Resp: 17527
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.9 115.3
 141 36.1 27.8 41.8

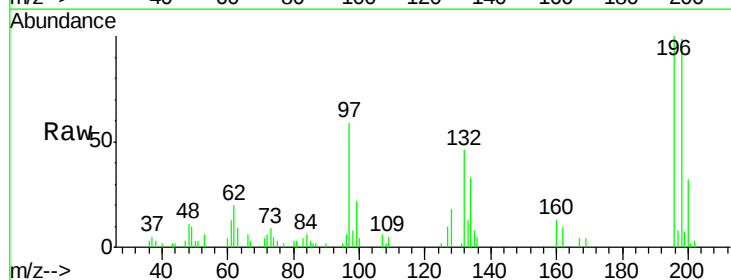


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

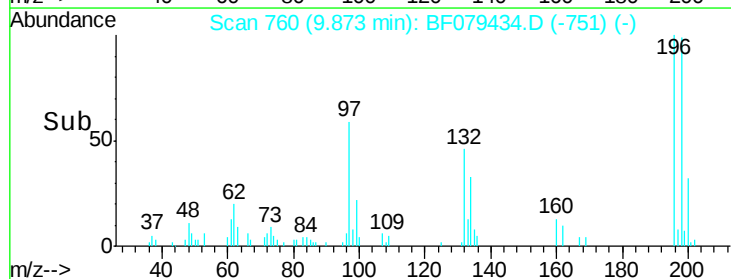
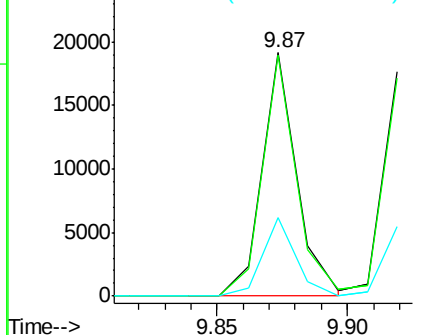


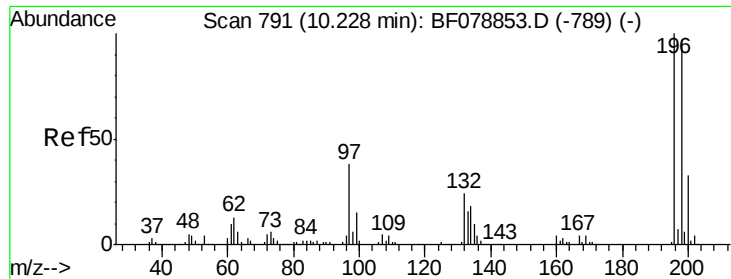
#42
 2,4,6-Trichlorophenol
 Concen: 7.15 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:196 Resp: 17747
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.4 116.2
 200 32.4 23.7 35.5



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

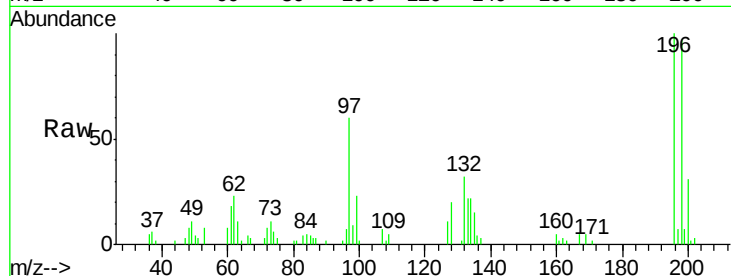




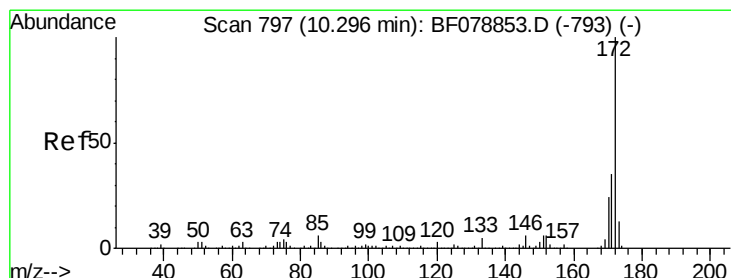
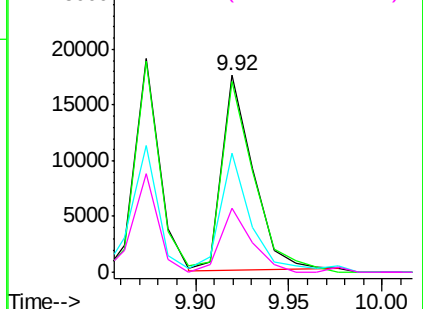
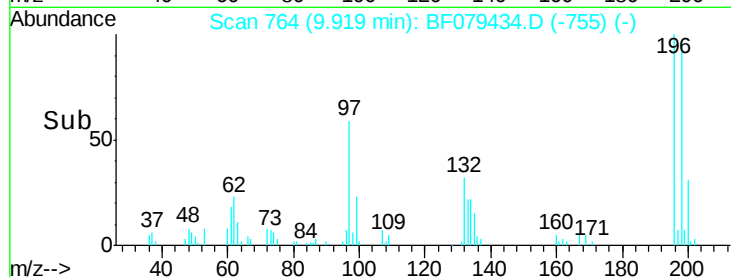
#43
 2,4,5-Trichlorophenol
 Concen: 8.13 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.3	115.9
97	60.3	31.3	46.9#
132	32.5	19.7	29.5#

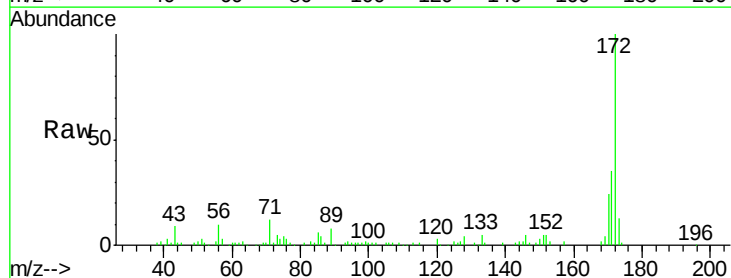


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

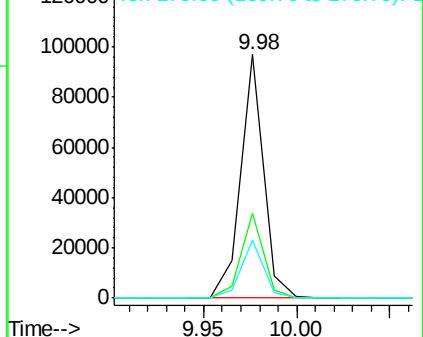
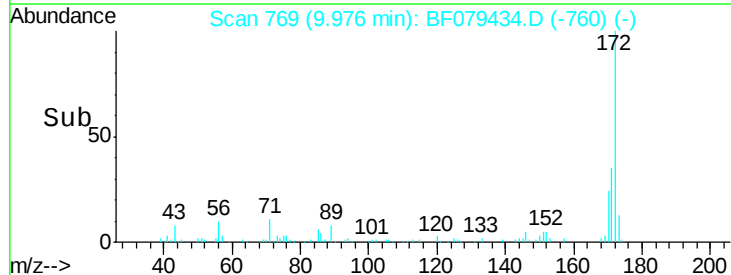


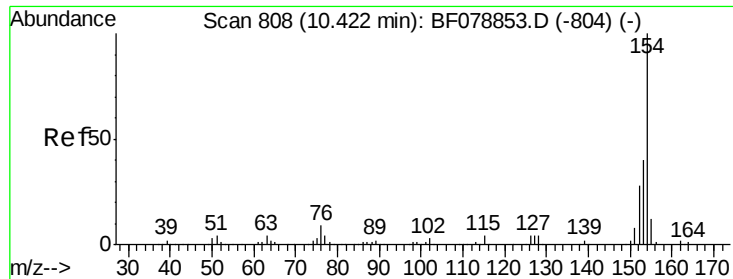
#44
 2-Fluorobiphenyl
 Concen: 9.04 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	24.0	19.4	29.2



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

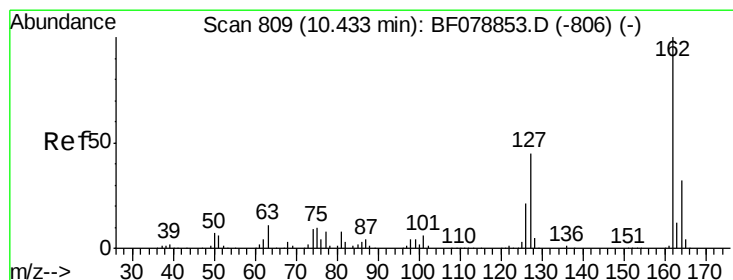
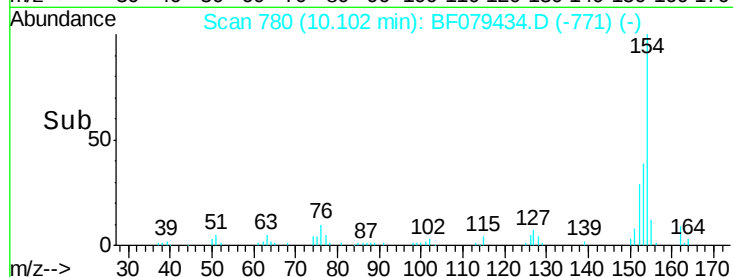
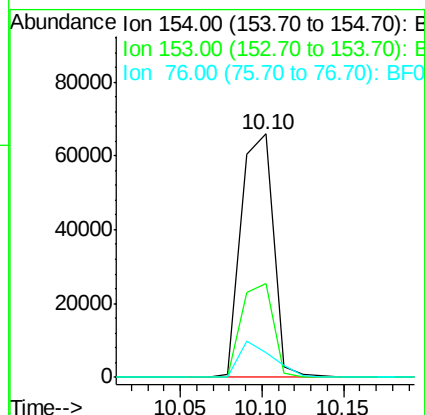
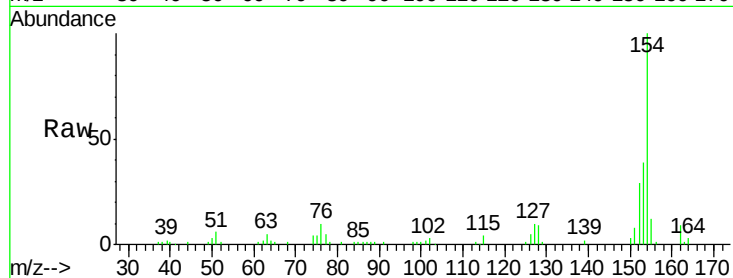




#45
1,1'-Biphenyl
Concen: 8.83 ng
RT: 10.10 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

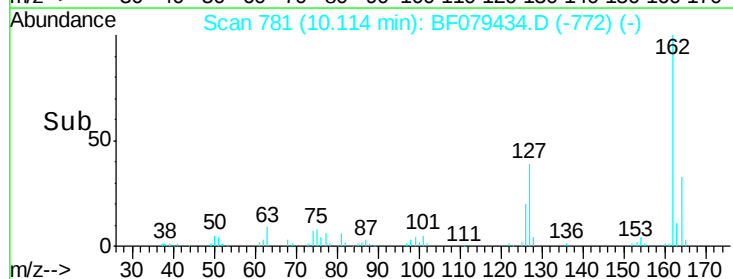
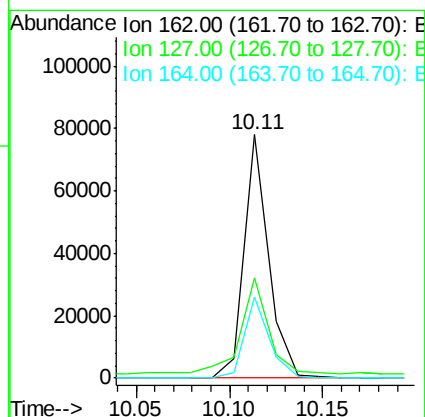
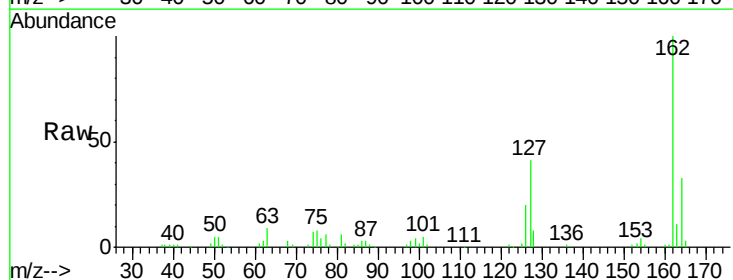
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

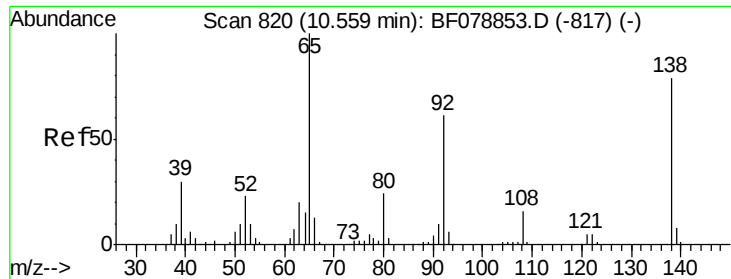
Tgt Ion:154 Resp: 89989
Ion Ratio Lower Upper
154 100
153 38.8 19.7 59.7
76 9.9 0.0 29.1



#46
2-Chloronaphthalene
Concen: 8.96 ng
RT: 10.11 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion:162 Resp: 71198
Ion Ratio Lower Upper
162 100
127 41.3 36.3 54.5
164 33.3 25.9 38.9

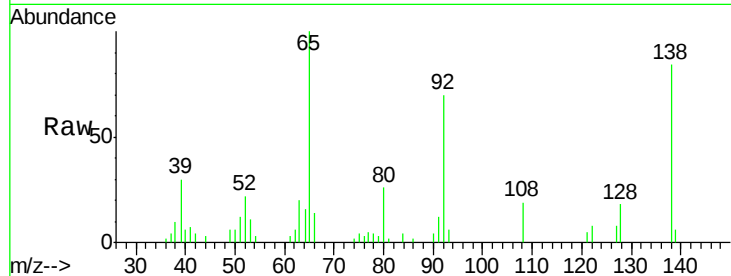




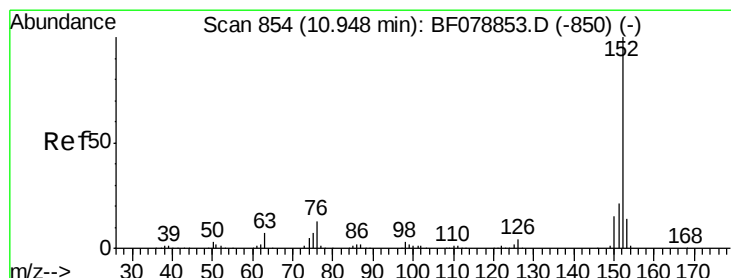
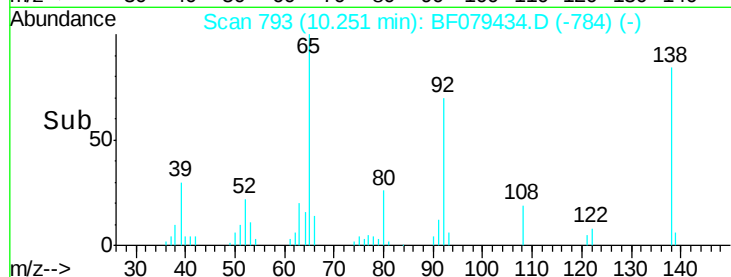
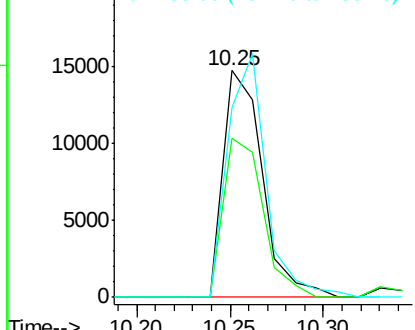
#47
2-Nitroaniline
Concen: 9.43 ng
RT: 10.25 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

Tgt Ion: 65 Resp: 21720
Ion Ratio Lower Upper
65 100
92 70.3 49.1 73.7
138 83.8 63.2 94.8

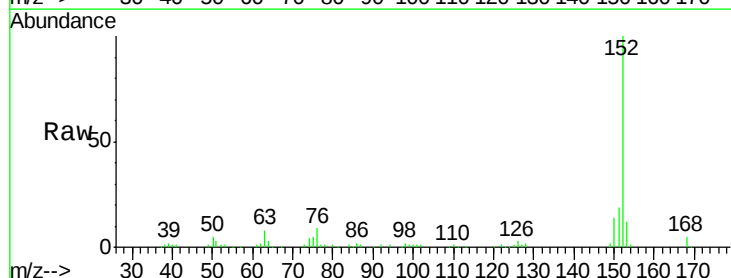


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

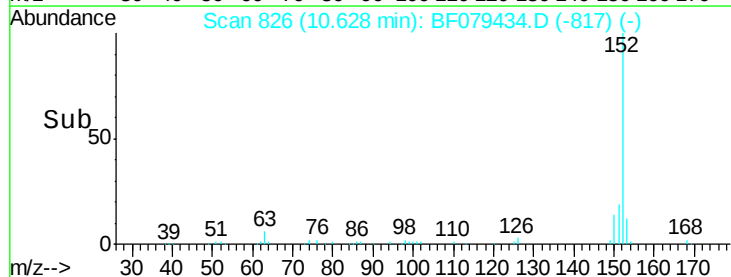
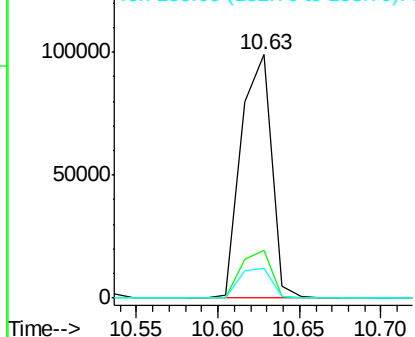


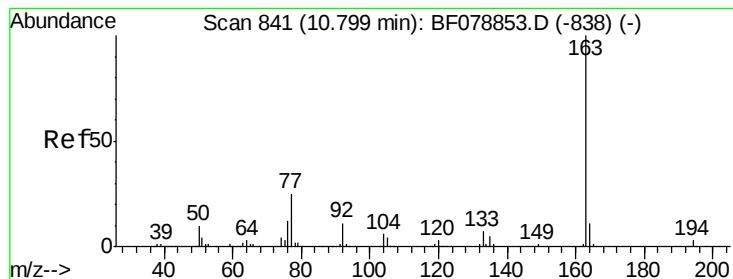
#48
Acenaphthylene
Concen: 9.74 ng
RT: 10.63 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion: 152 Resp: 127112
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8
153 12.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 11.10 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

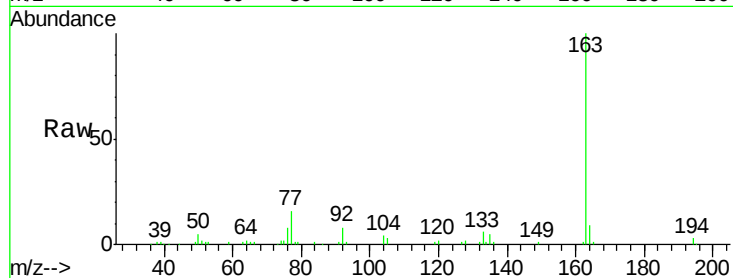
Tgt Ion:163 Resp: 104423

Ion Ratio Lower Upper

163 100

194 3.4 2.4 3.6

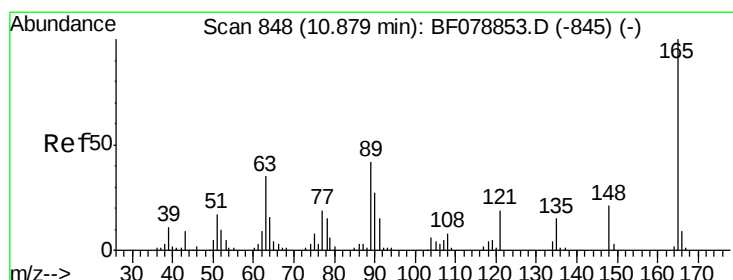
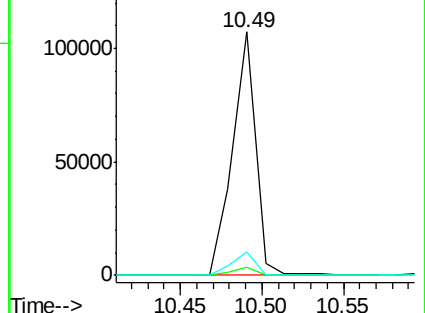
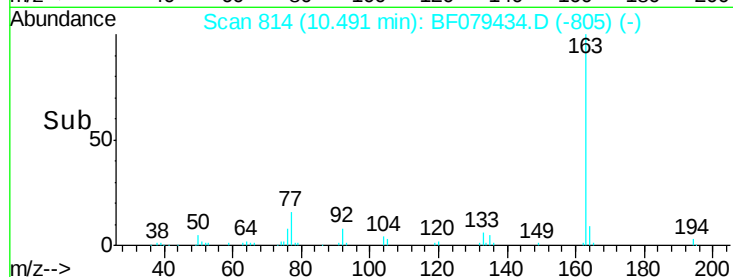
164 9.4 8.6 12.8



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: 12.92 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

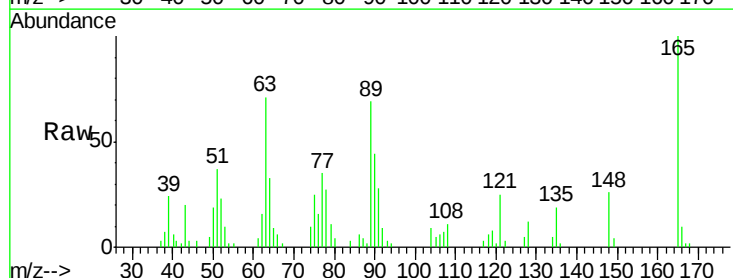
Tgt Ion:165 Resp: 23981

Ion Ratio Lower Upper

165 100

63 71.3 29.2 43.8#

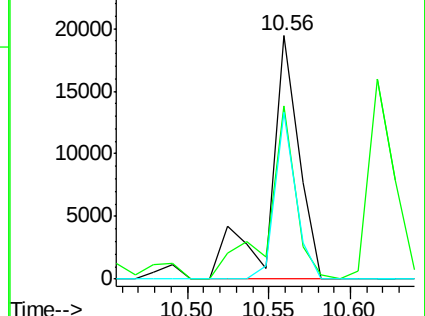
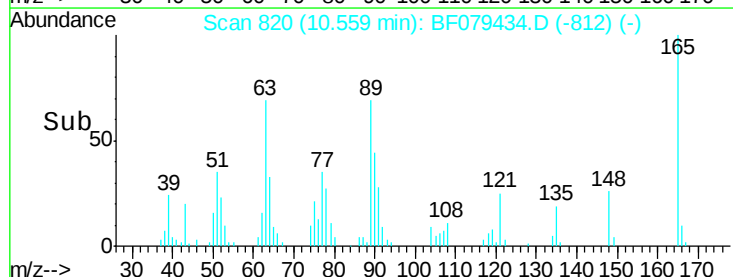
89 68.5 33.3 49.9#

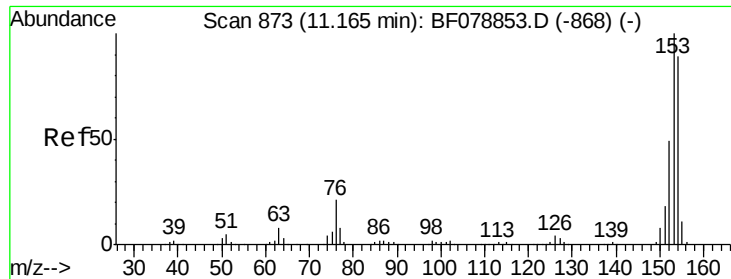


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 9.59 ng

RT: 10.83 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

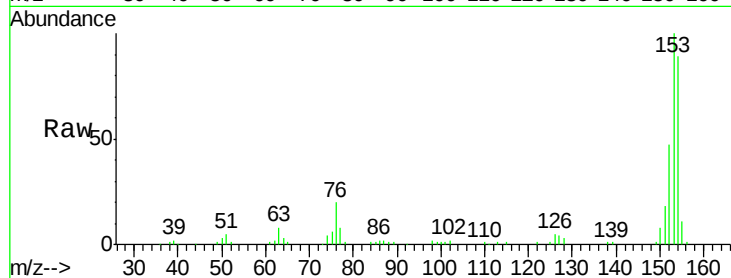
Tgt Ion:154 Resp: 74590

Ion Ratio Lower Upper

154 100

153 112.3 90.2 135.2

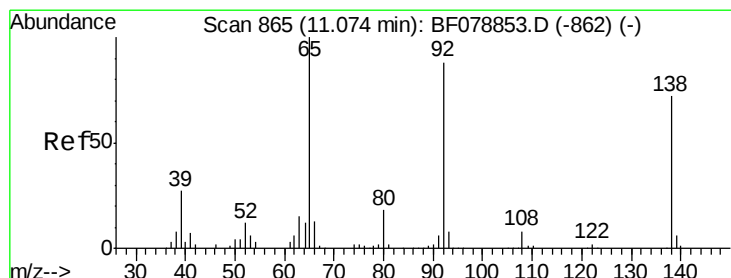
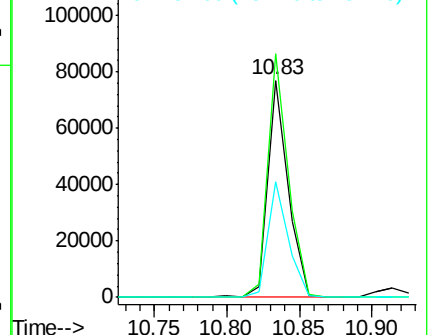
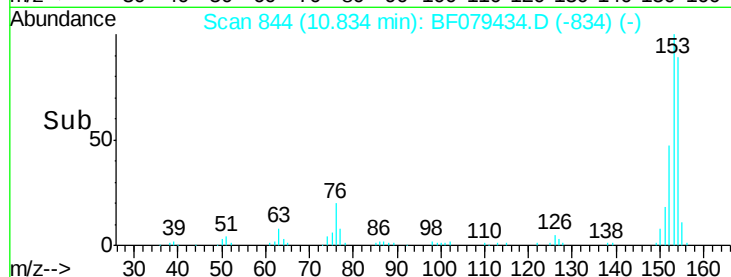
152 53.1 43.8 65.8



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: 8.11 ng

RT: 10.77 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

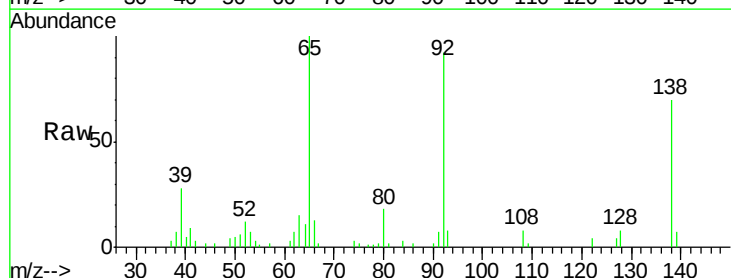
Tgt Ion:138 Resp: 18811

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

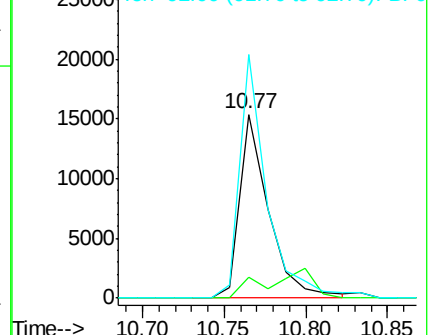
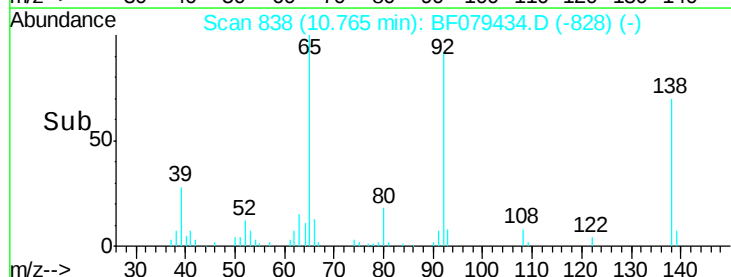
92 132.3 97.4 146.0

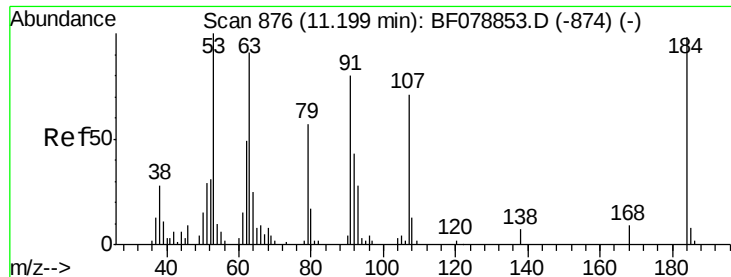


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

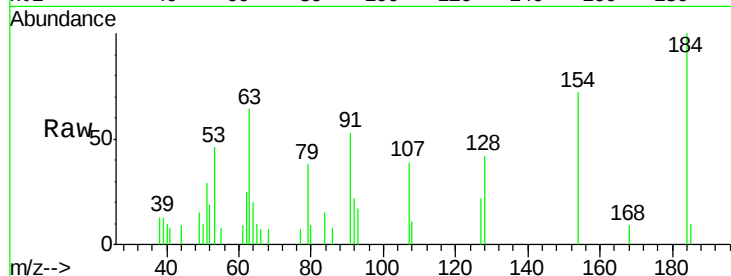




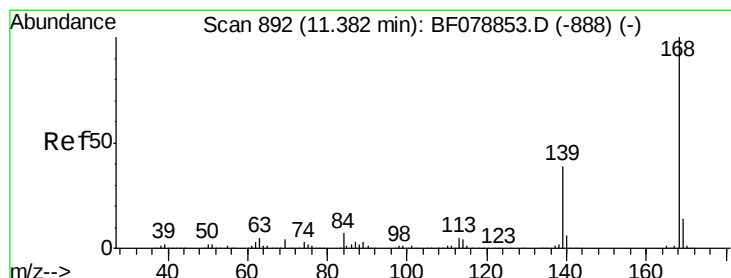
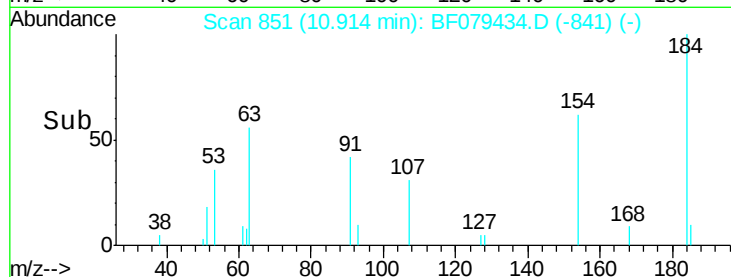
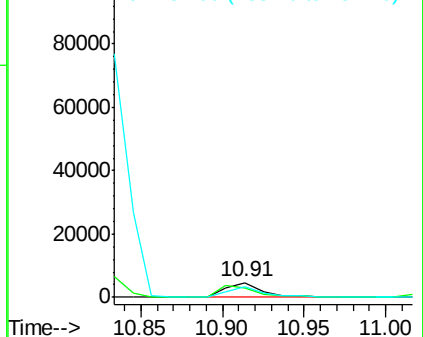
#53
2,4-Dinitrophenol
Concen: 19.71 ng
RT: 10.91 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

Tgt Ion:184 Resp: 7478
Ion Ratio Lower Upper
184 100
63 64.2 98.8 148.2#
154 72.2 63.4 95.0

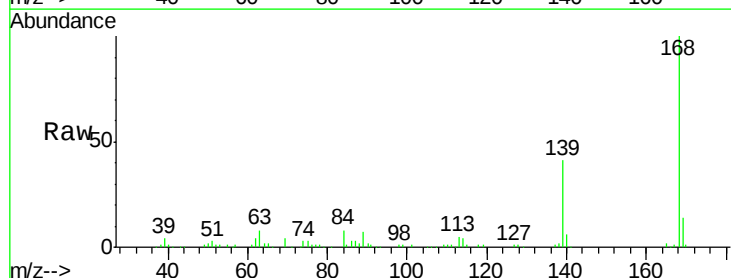


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

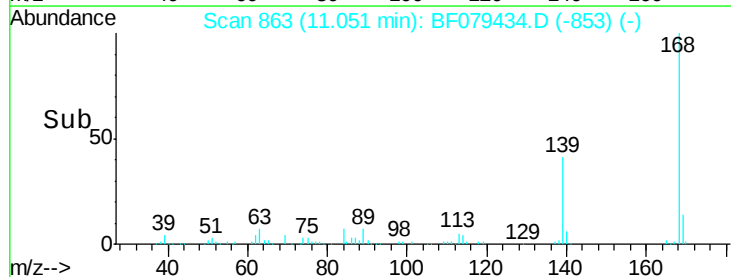
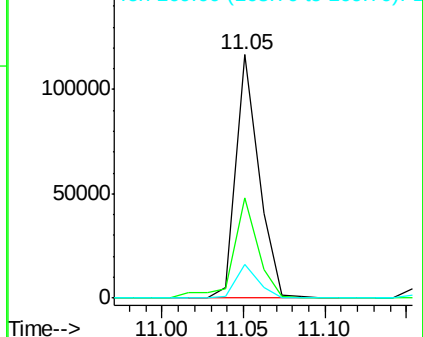


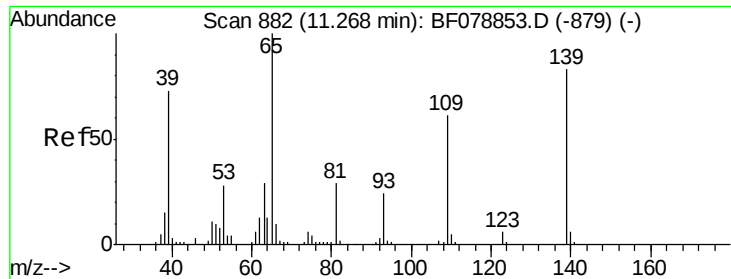
#54
Dibenzofuran
Concen: 10.10 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion:168 Resp: 113464
Ion Ratio Lower Upper
168 100
139 41.2 31.5 47.3
169 13.7 11.0 16.4



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: 27.18 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.05 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

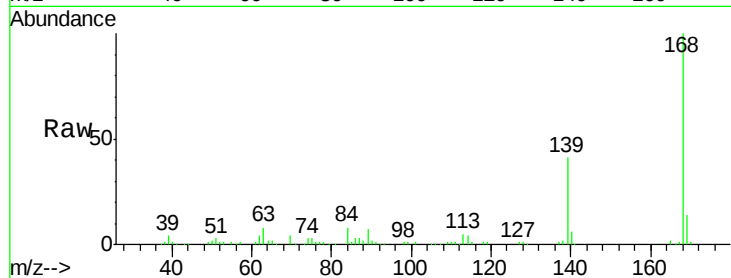
Tgt Ion:139 Resp: 49878

Ion Ratio Lower Upper

139 100

109 2.0 54.4 94.4#

65 4.9 101.0 141.0#

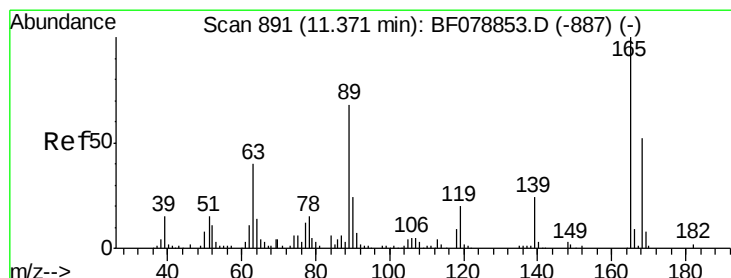
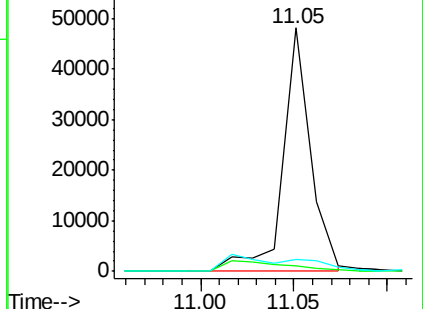
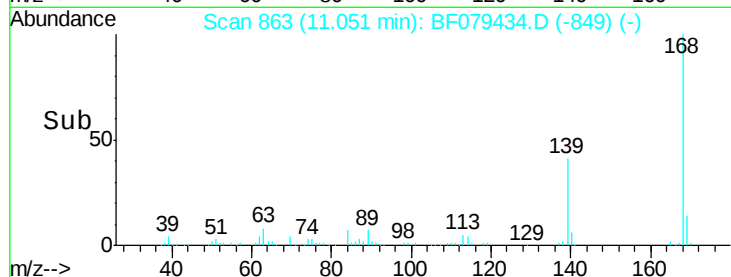


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 10.73 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Tgt Ion:165 Resp: 26337

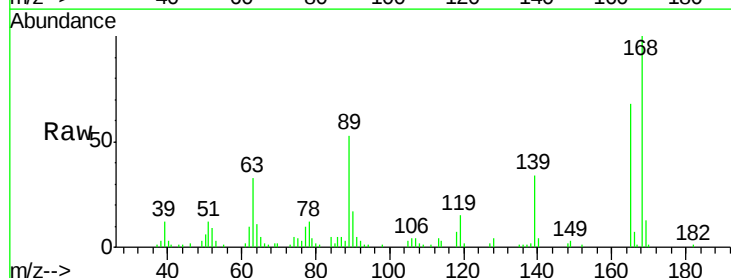
Ion Ratio Lower Upper

165 100

63 48.2 32.3 48.5

89 78.0 54.6 81.8

182 1.7 1.8 2.6#



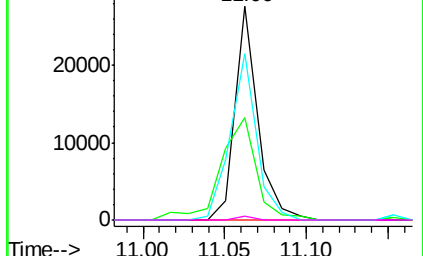
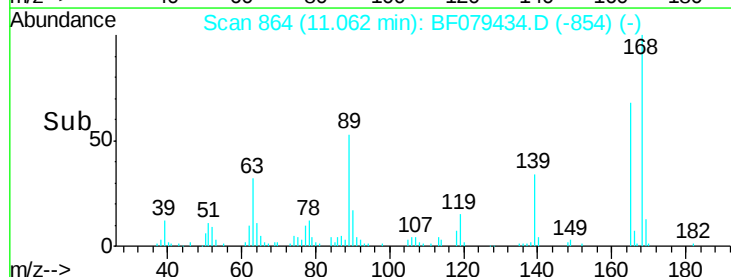
Abundance Ion 165.00 (164.70 to 165.70): E

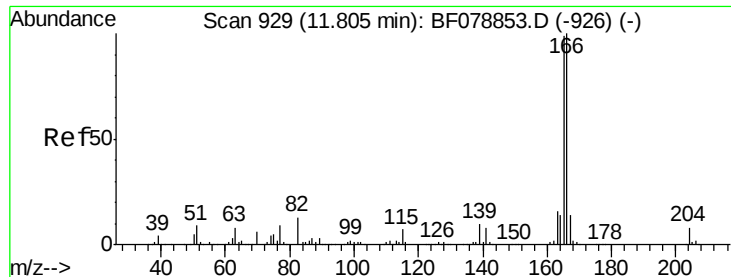
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->

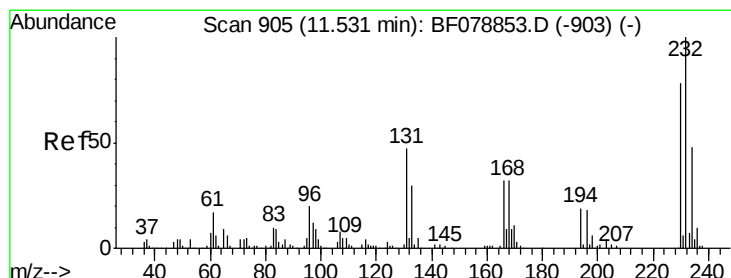
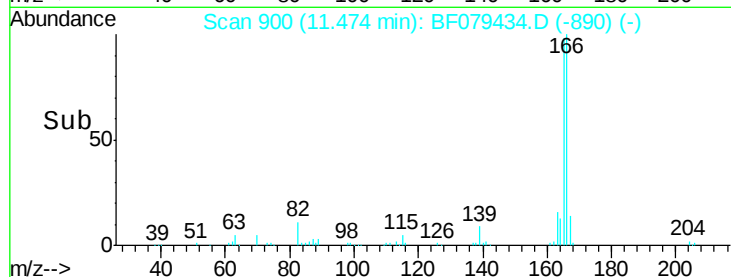
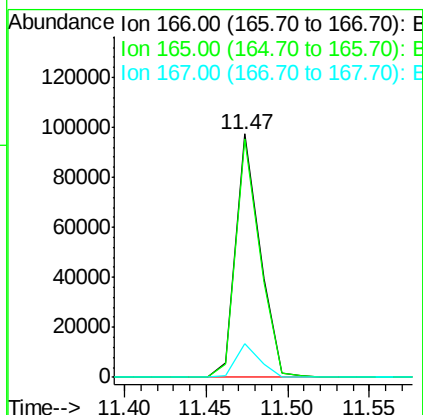
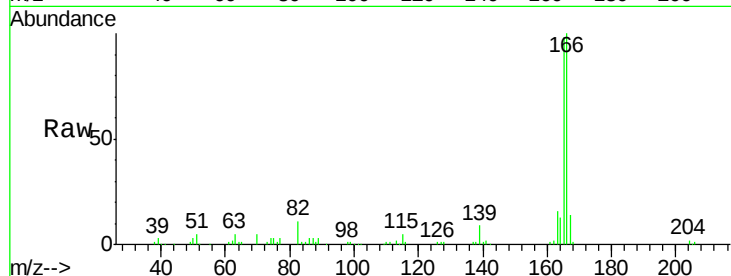




#57
 Fluorene
 Concen: 10.75 ng
 RT: 11.47 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

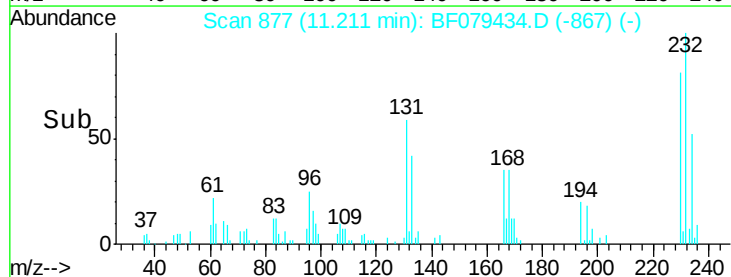
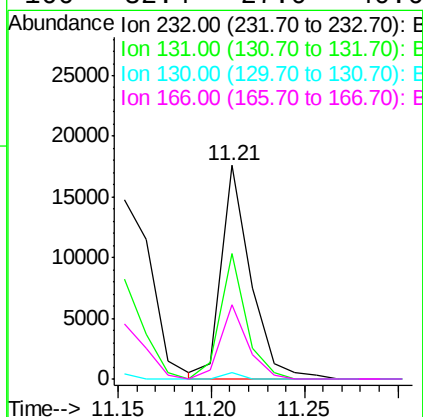
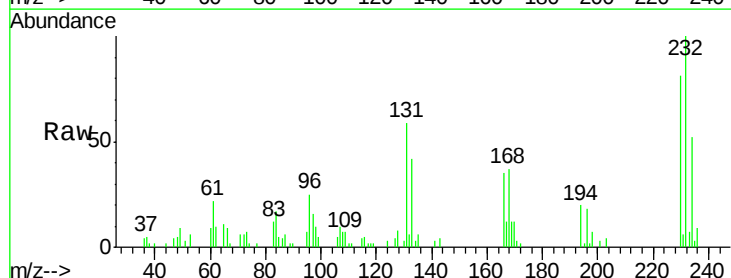
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

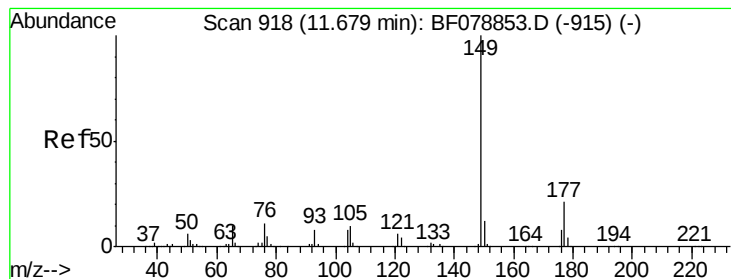
Tgt Ion:166 Resp: 99133
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.5 119.3
 167 13.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.51 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:232 Resp: 19492
 Ion Ratio Lower Upper
 232 100
 131 51.9 41.9 62.9
 130 2.0 1.9 2.9
 166 32.4 27.0 40.6





#59

Diethylphthalate

Concen: 11.48 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

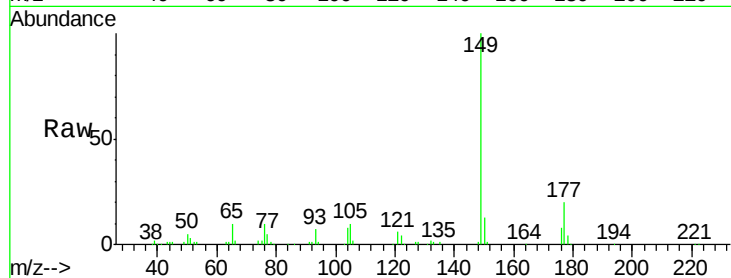
Tgt Ion:149 Resp: 106982

Ion Ratio Lower Upper

149 100

177 19.8 16.4 24.6

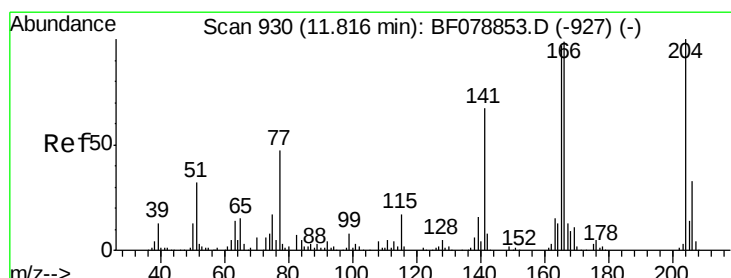
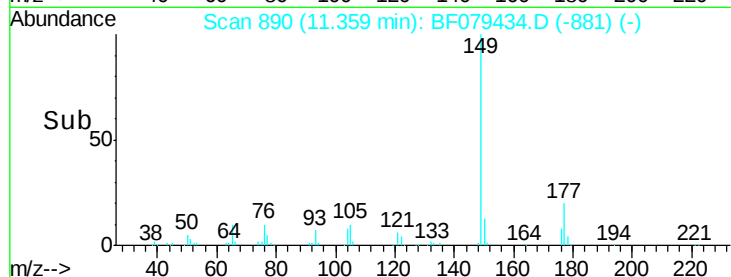
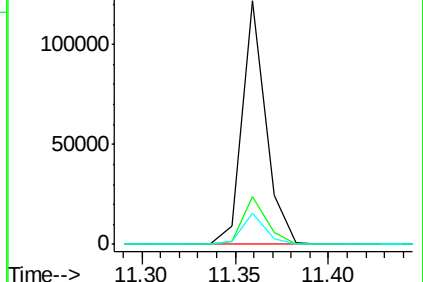
150 12.8 9.8 14.6



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: 10.71 ng

RT: 11.49 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

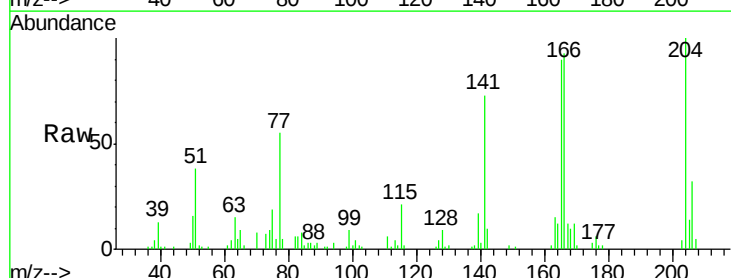
Tgt Ion:204 Resp: 43808

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.4

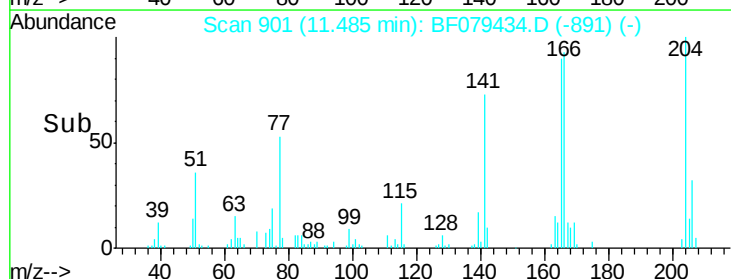
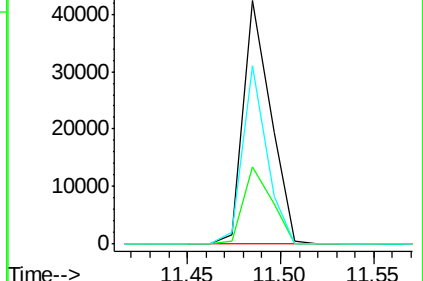
141 73.5 53.6 80.4

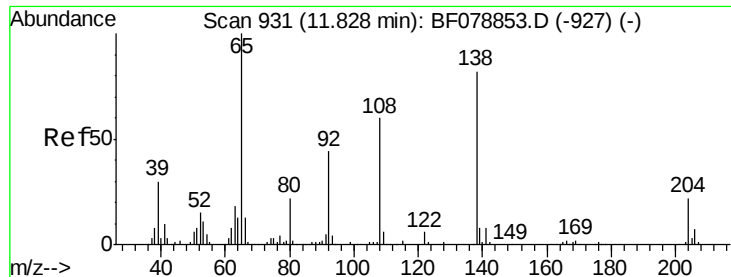


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 9.14 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

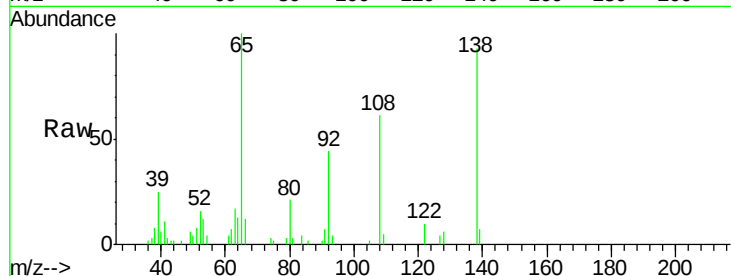
Tgt Ion:138 Resp: 21197

Ion Ratio Lower Upper

138 100

92 47.4 33.7 73.7

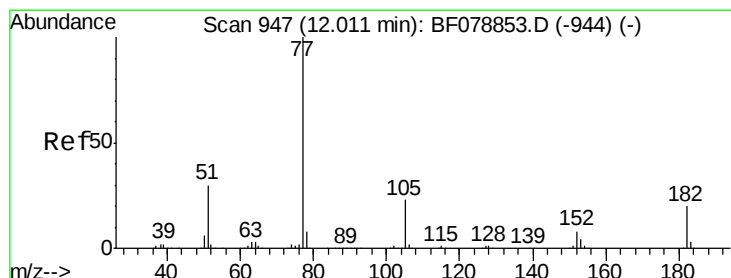
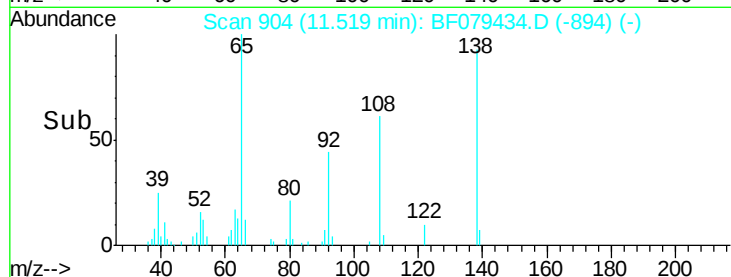
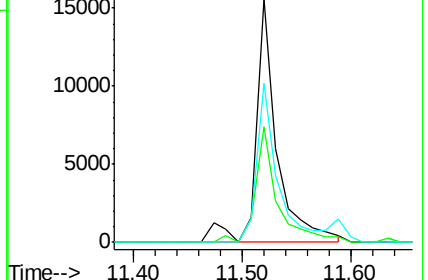
108 65.3 53.4 93.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 10.66 ng

RT: 11.68 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Tgt Ion: 77 Resp: 97828

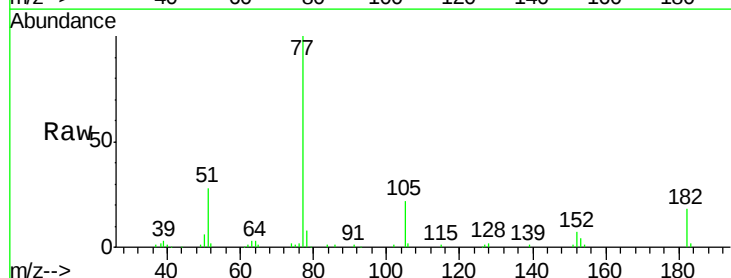
Ion Ratio Lower Upper

77 100

182 17.8 0.0 40.0

105 21.7 2.9 42.9

51 28.4 10.0 50.0

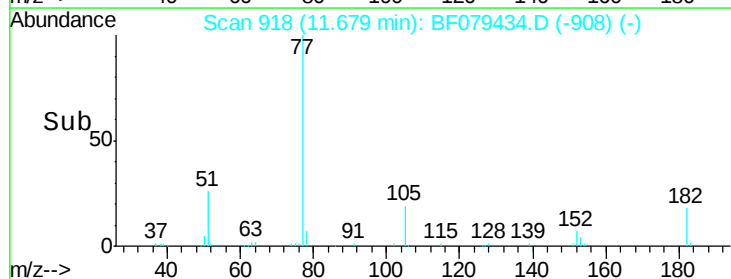
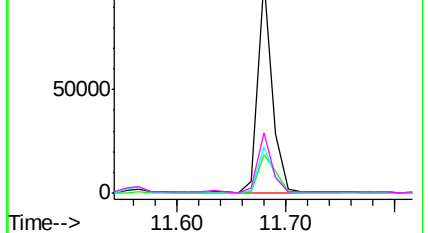


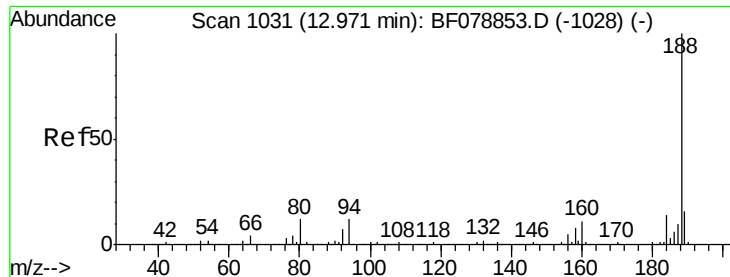
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

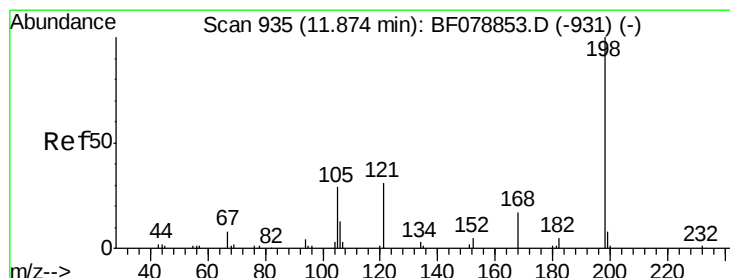
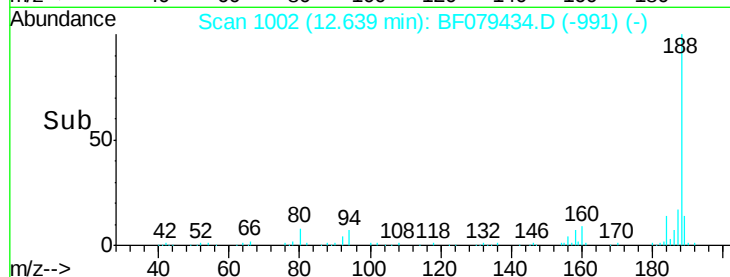
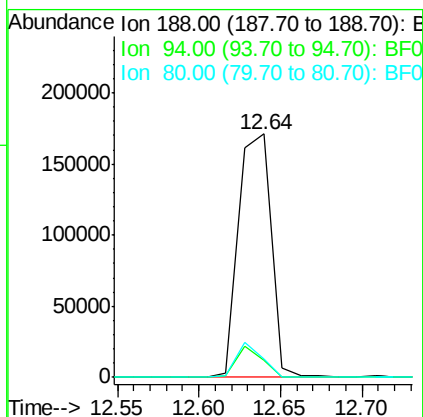
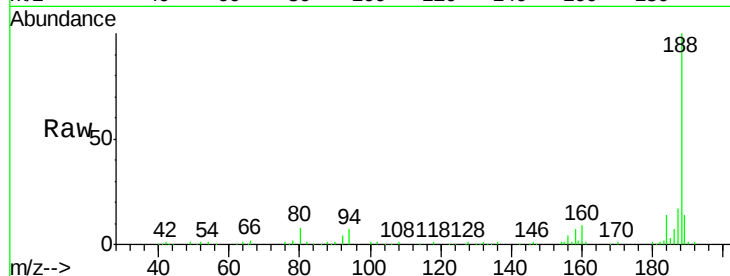




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

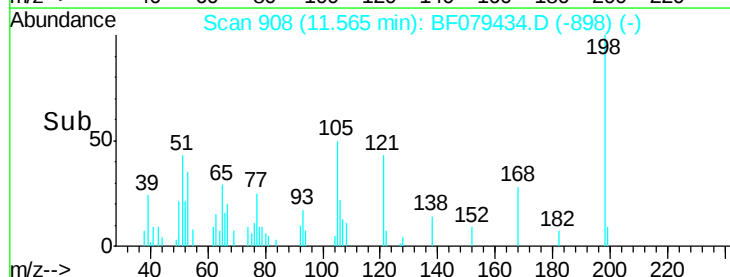
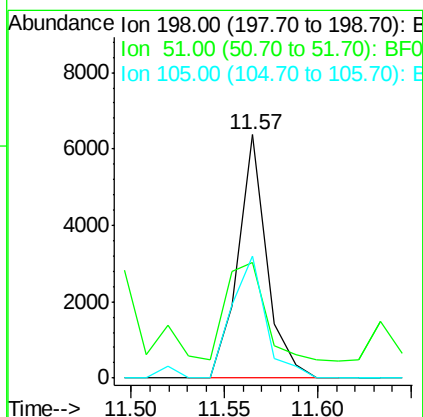
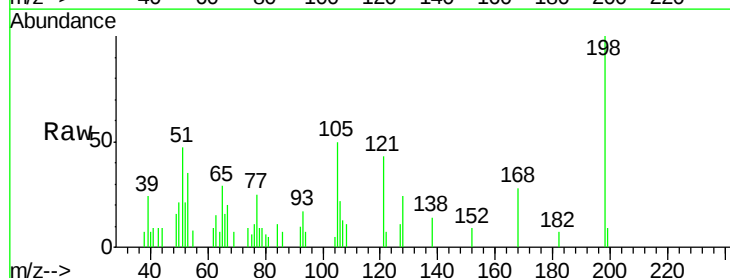
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

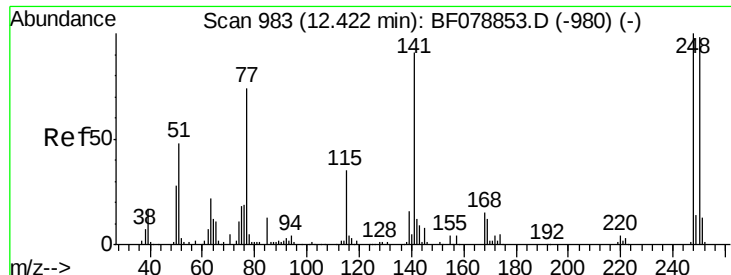
Tgt Ion:188 Resp: 235982
 Ion Ratio Lower Upper
 188 100
 94 7.1 9.4 14.0#
 80 7.7 9.8 14.6#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.63 ng
 RT: 11.57 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:198 Resp: 6875
 Ion Ratio Lower Upper
 198 100
 51 47.3 7.0 47.0#
 105 50.0 13.7 53.7

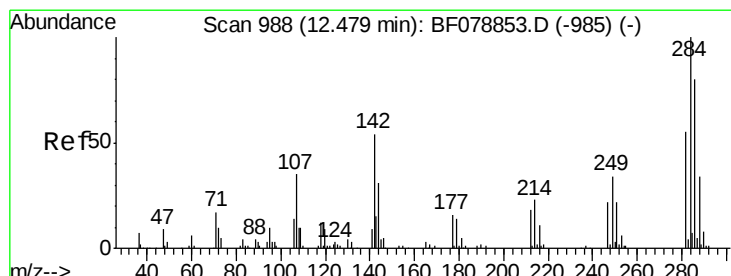
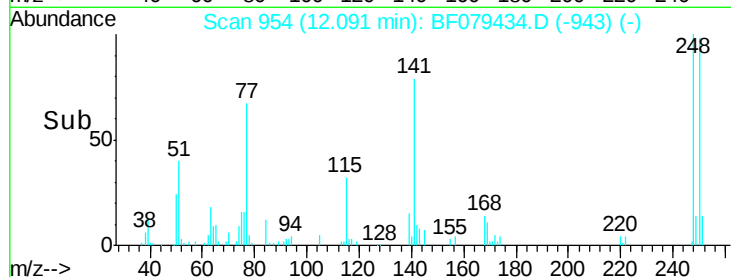
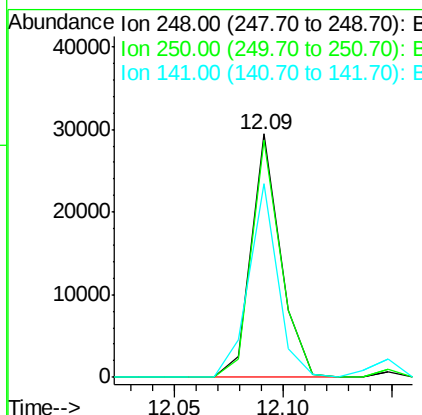
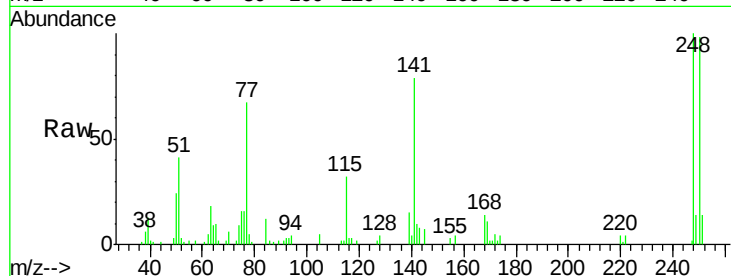




#66
 4-Bromophenyl-phenylether
 Concen: 11.29 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

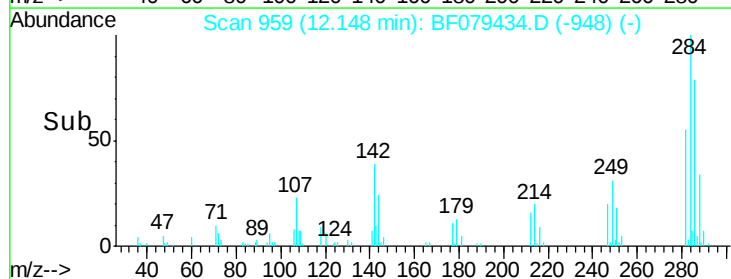
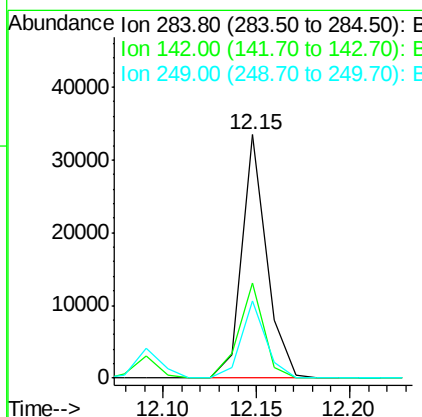
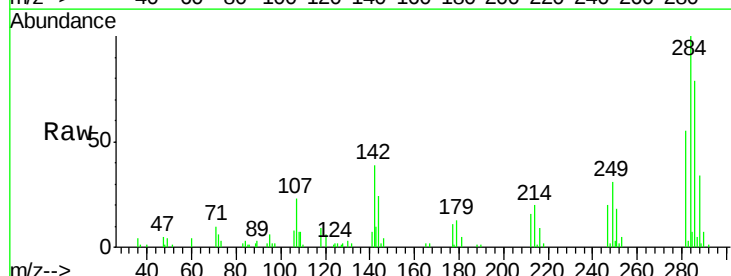
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

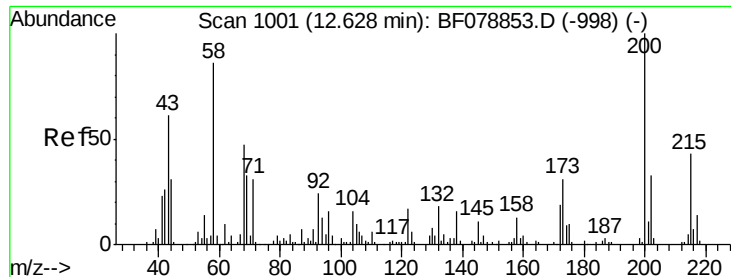
Tgt Ion:248 Resp: 27782
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.0 117.0
 141 79.3 72.6 109.0



#67
 Hexachlorobenzene
 Concen: 11.03 ng
 RT: 12.15 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:284 Resp: 31015
 Ion Ratio Lower Upper
 284 100
 142 38.9 43.2 64.8#
 249 31.5 27.5 41.3

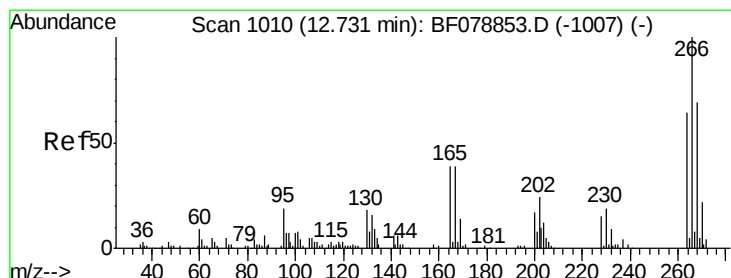
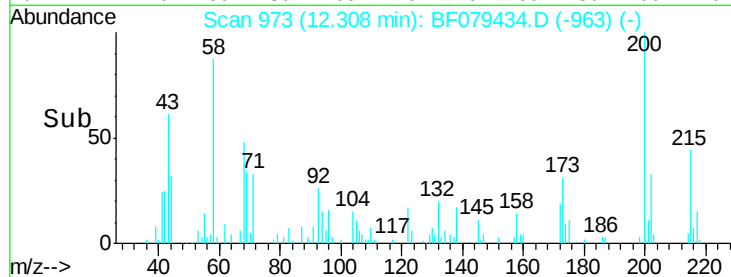
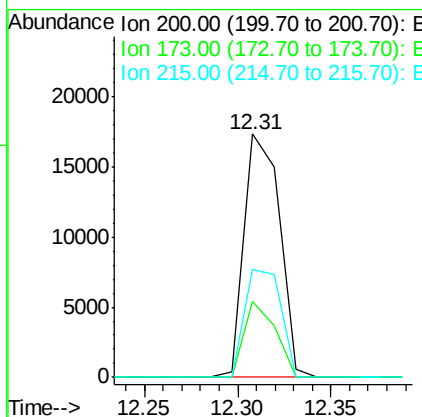
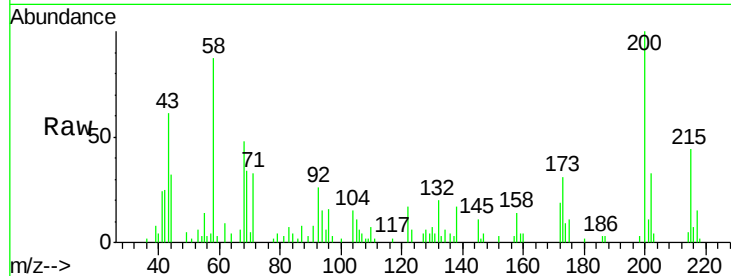




#68
 Atrazine
 Concen: 9.98 ng
 RT: 12.31 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

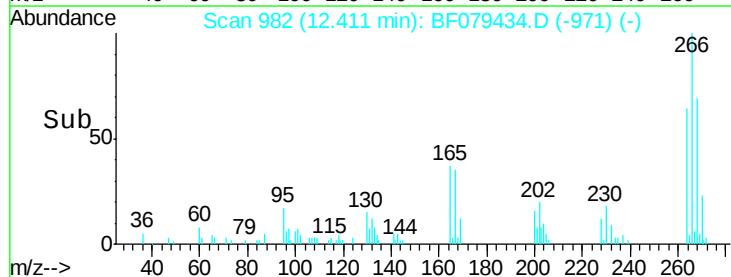
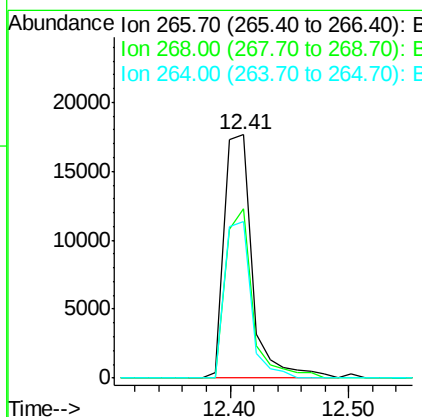
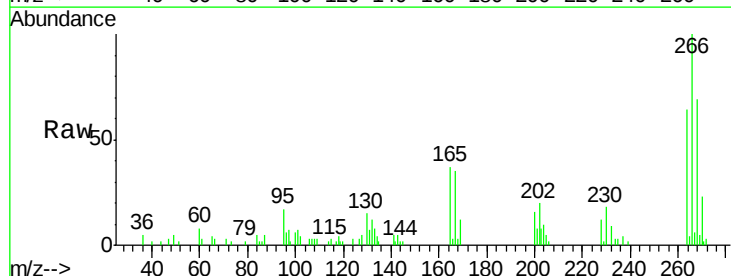
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

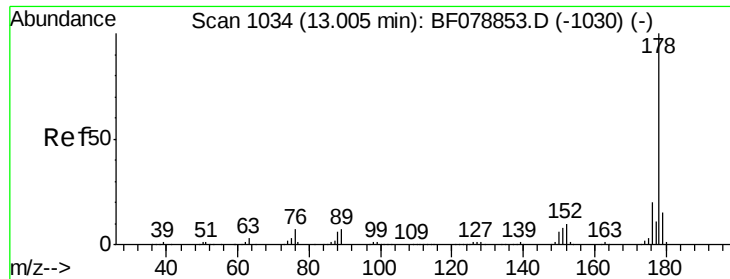
Tgt Ion: 200 Resp: 22804
 Ion Ratio Lower Upper
 200 100
 173 31.4 10.9 50.9
 215 44.3 23.2 63.2



#69
 Pentachlorophenol
 Concen: 22.86 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion: 266 Resp: 28819
 Ion Ratio Lower Upper
 266 100
 268 69.4 55.0 82.6
 264 64.2 50.9 76.3

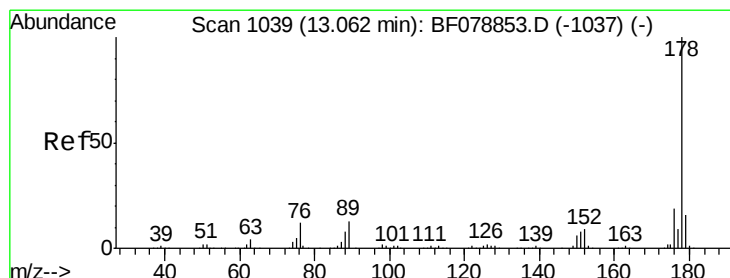
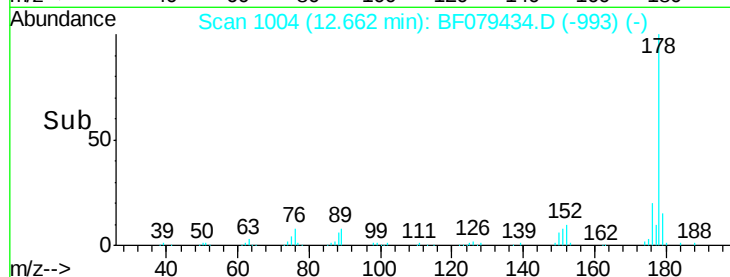
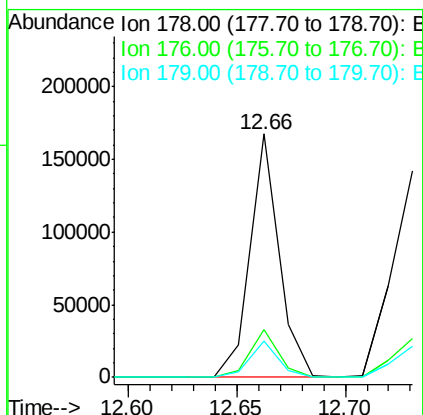
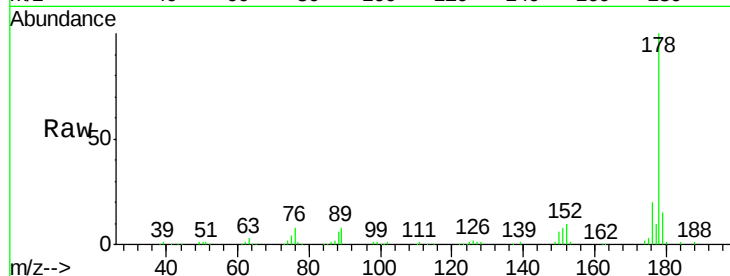




#70
Phenanthrene
Concen: 11.85 ng
RT: 12.66 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

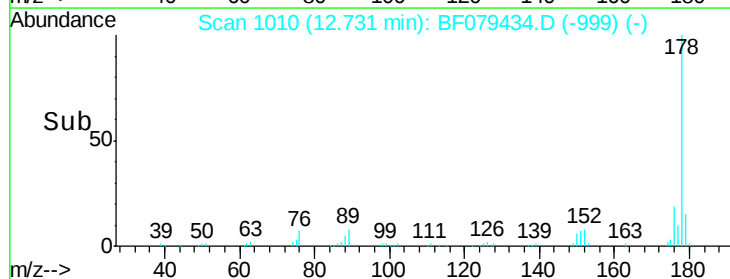
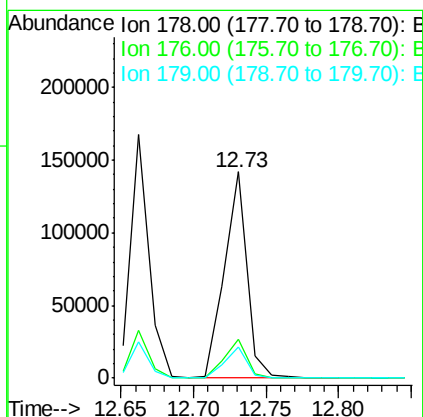
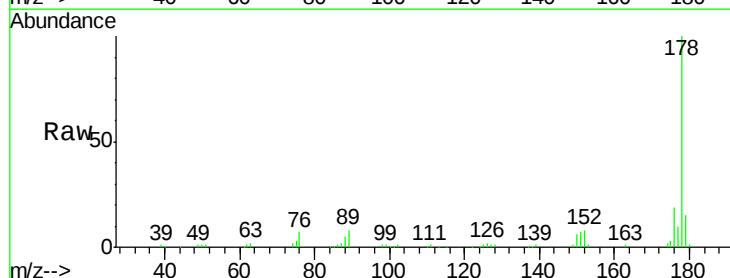
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

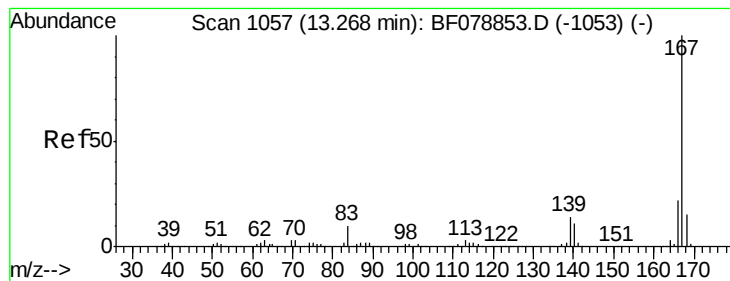
Tgt Ion:178 Resp: 156426
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.0 12.2 18.4



#71
Anthracene
Concen: 11.89 ng
RT: 12.73 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion:178 Resp: 153967
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.2 12.6 19.0





#72

Carbazole

Concen: 11.62 ng

RT: 12.94 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

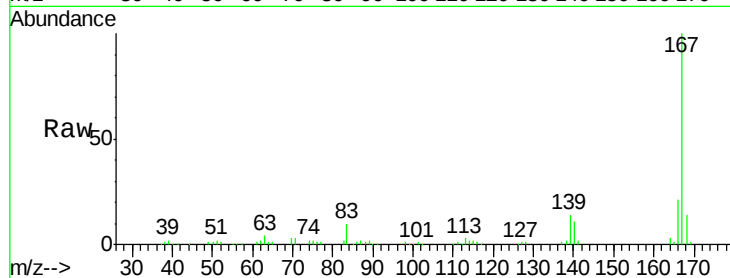
Tgt Ion:167 Resp: 143380

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

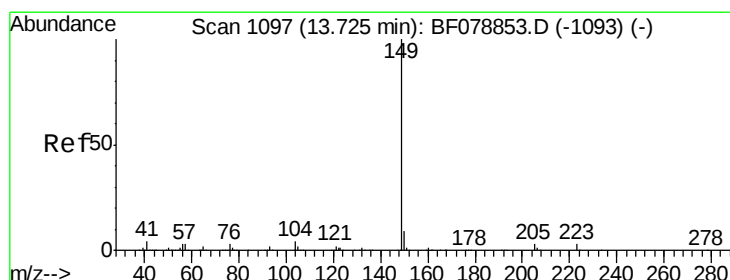
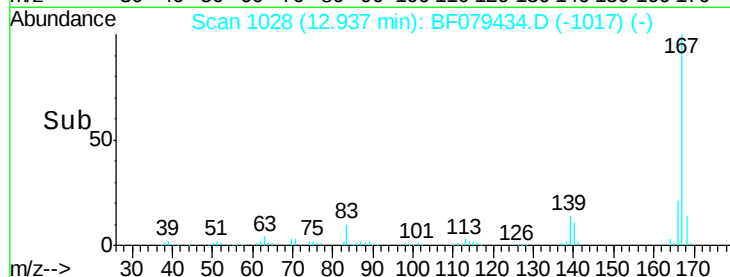
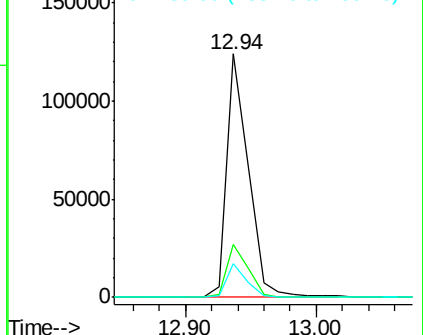
139 13.9 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 12.96 ng

RT: 13.39 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

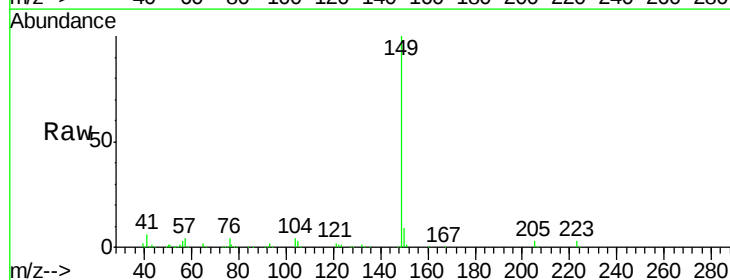
Tgt Ion:149 Resp: 191803

Ion Ratio Lower Upper

149 100

150 8.9 7.0 10.4

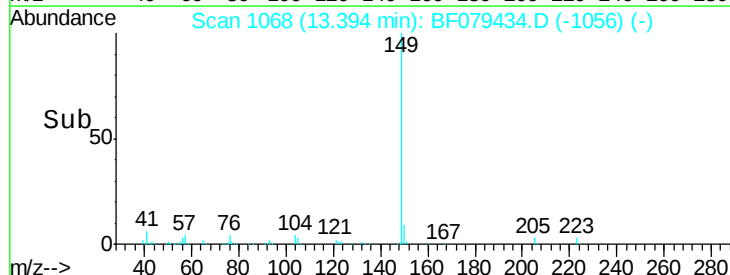
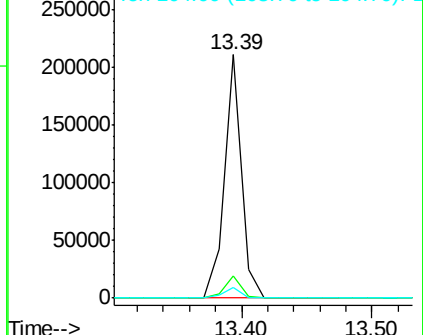
104 4.2 3.3 4.9

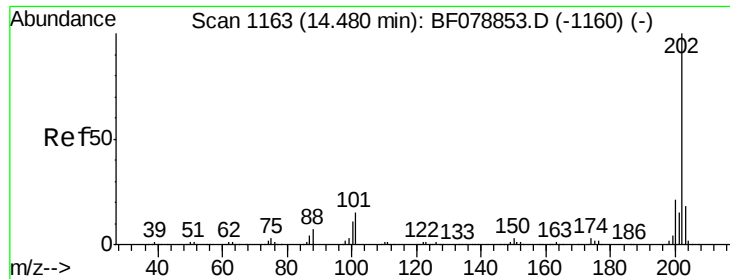


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

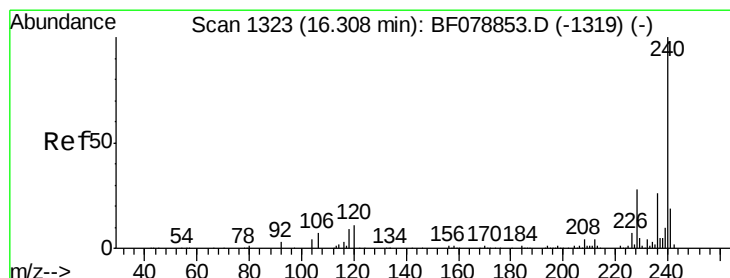
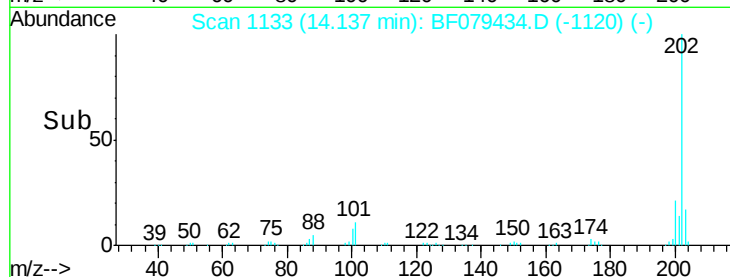
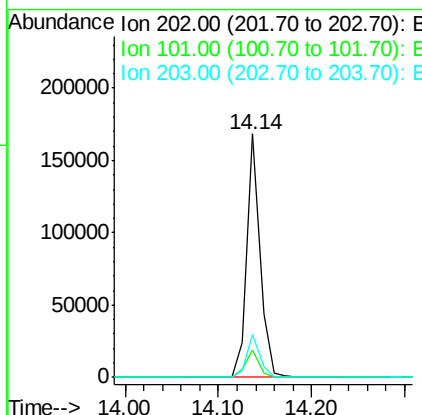
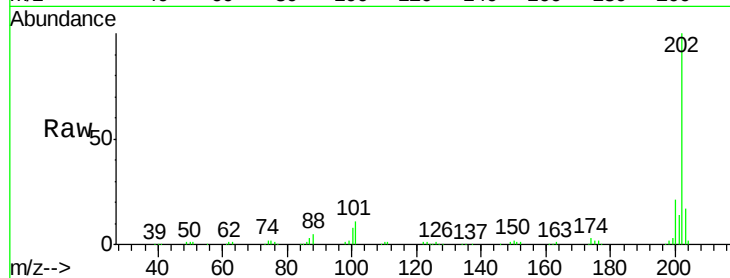




#74
 Fluoranthene
 Concen: 12.06 ng
 RT: 14.14 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

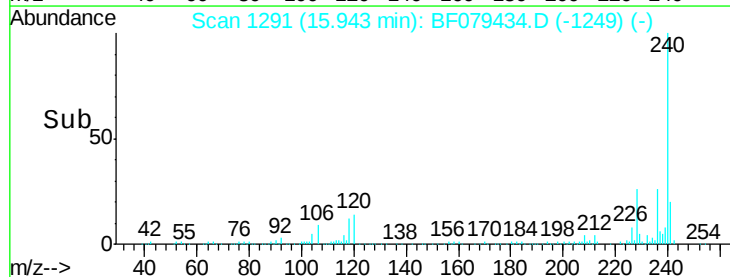
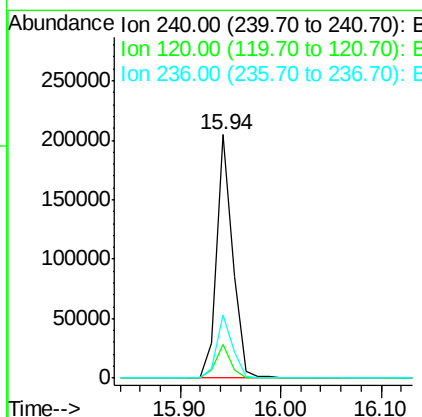
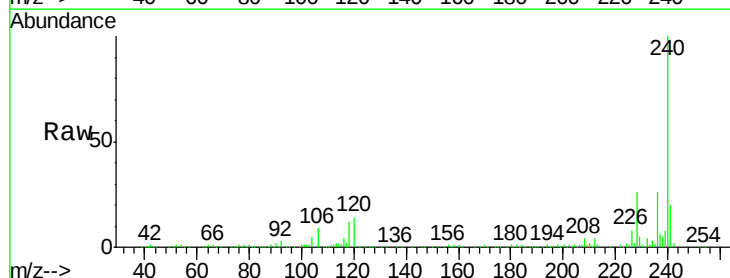
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

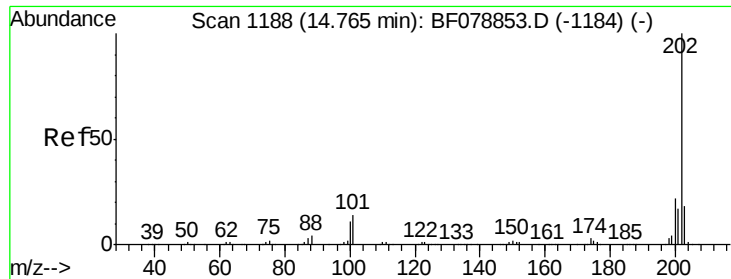
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.7
203	17.4	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.94 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.6	12.8#
236	26.0	21.0	31.6

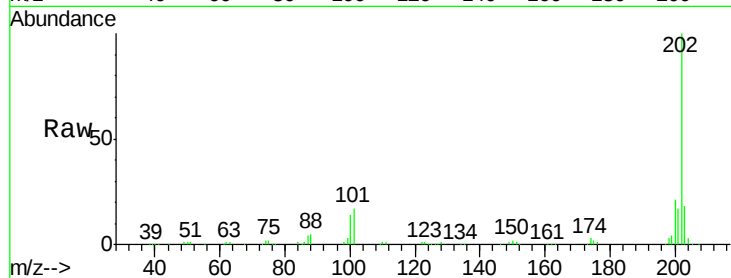




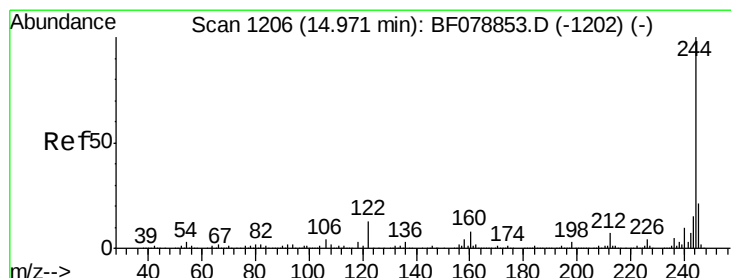
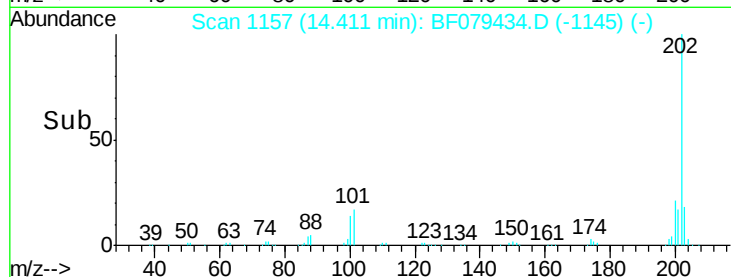
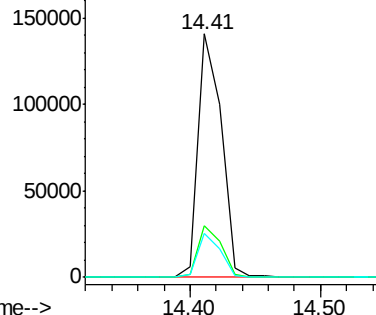
#77
Pyrene
Concen: 13.44 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

Tgt Ion: 202 Resp: 175286
Ion Ratio Lower Upper
202 100
200 21.3 17.5 26.3
203 18.2 14.7 22.1

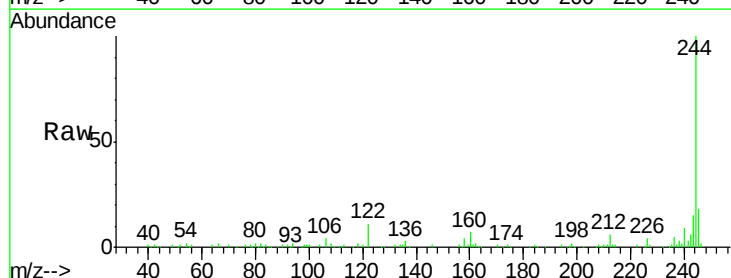


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

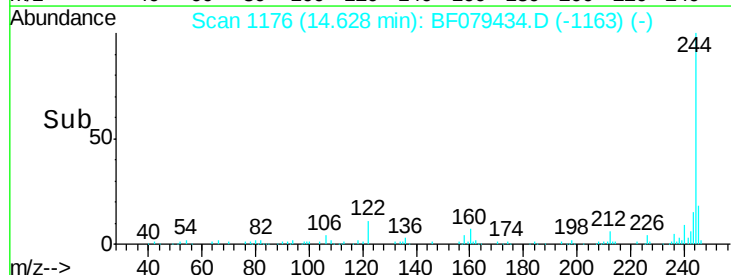
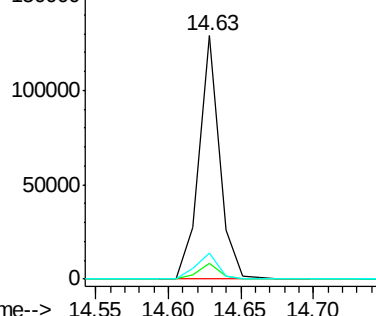


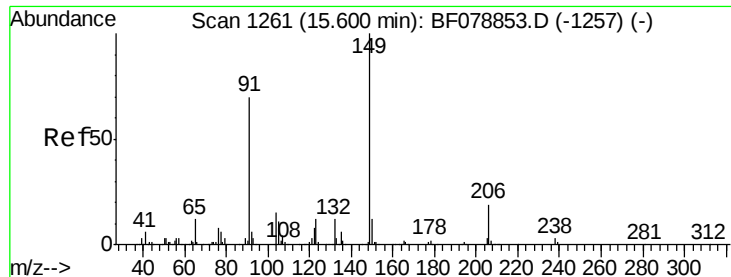
#78
Terphenyl-d14
Concen: 13.37 ng
RT: 14.63 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion: 244 Resp: 126427
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.9 10.5 15.7



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

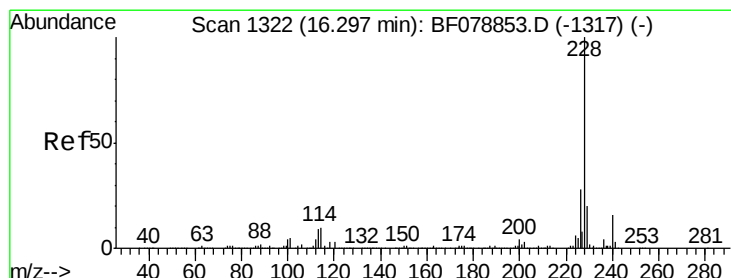
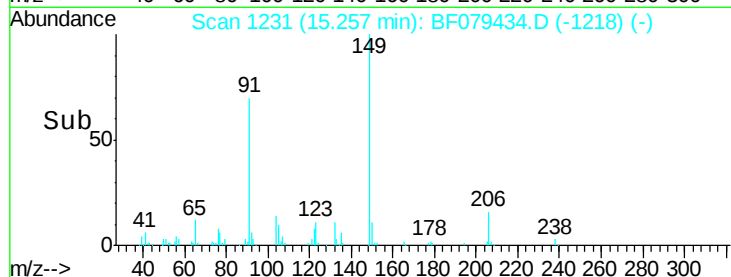
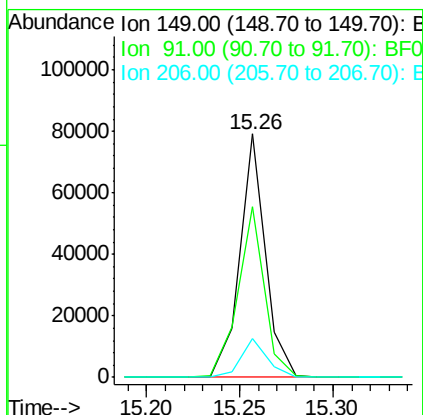
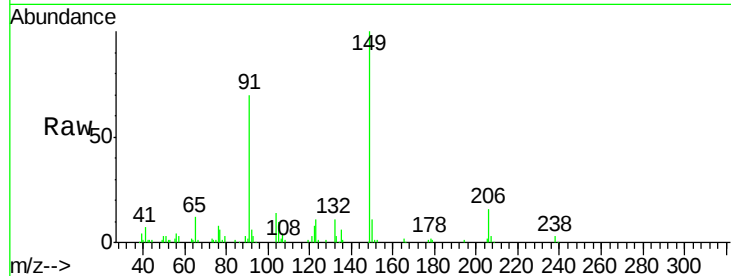




#79
Butylbenzylphthalate
Concen: 13.24 ng
RT: 15.26 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

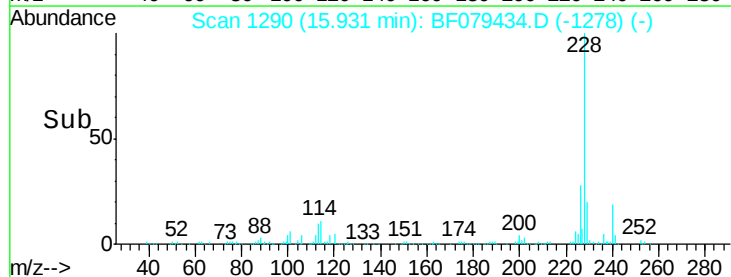
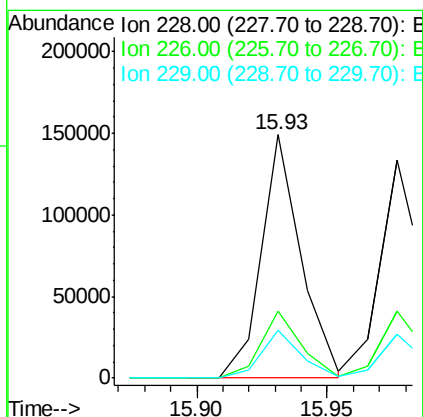
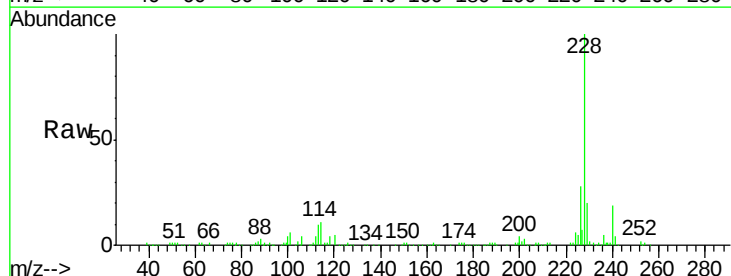
Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

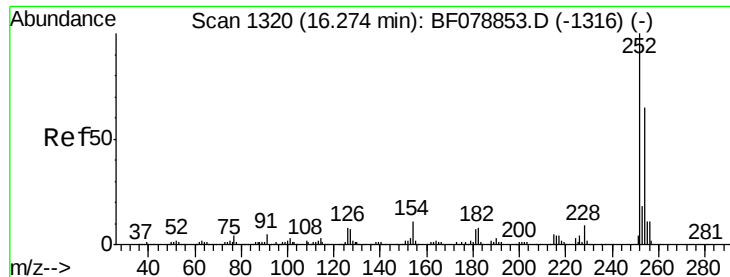
Tgt Ion:149 Resp: 75528
Ion Ratio Lower Upper
149 100
91 70.1 56.2 84.2
206 16.0 15.2 22.8



#80
Benzo(a)anthracene
Concen: 12.76 ng
RT: 15.93 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF079434.D
Acq: 22 May 2015 15:43

Tgt Ion:228 Resp: 158255
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.6 16.1 24.1

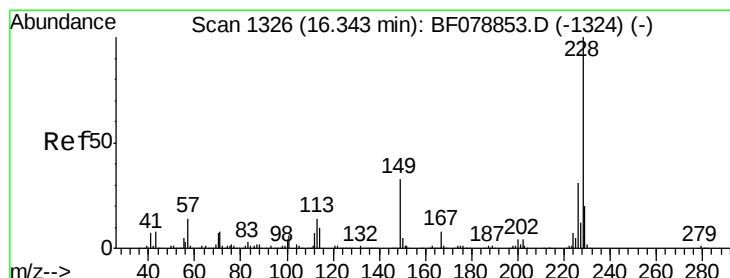
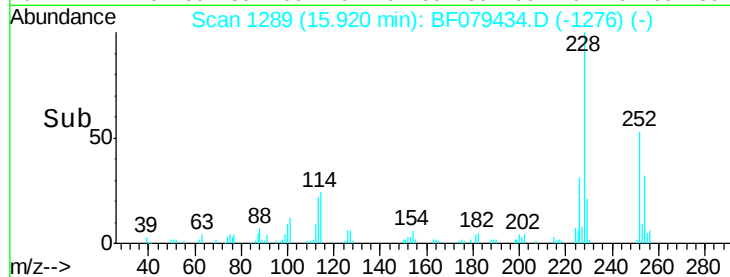
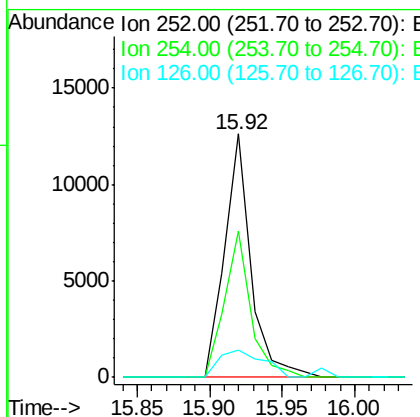
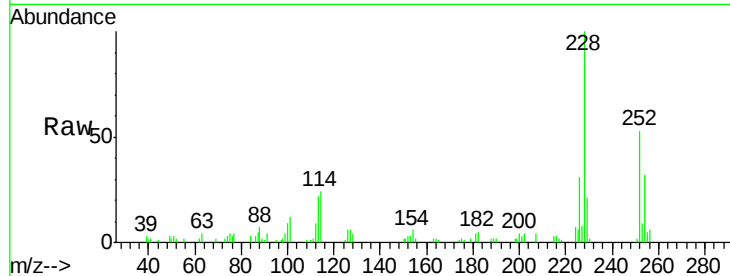




#81
 3,3'-Dichlorobenzidine
 Concen: 3.61 ng
 RT: 15.92 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

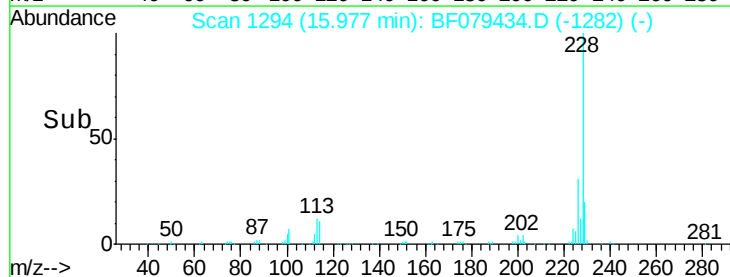
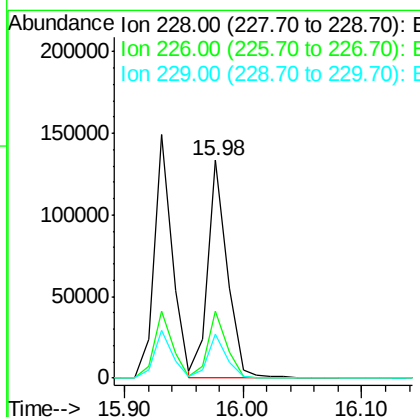
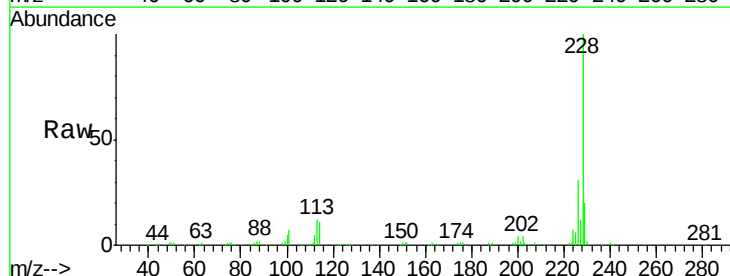
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

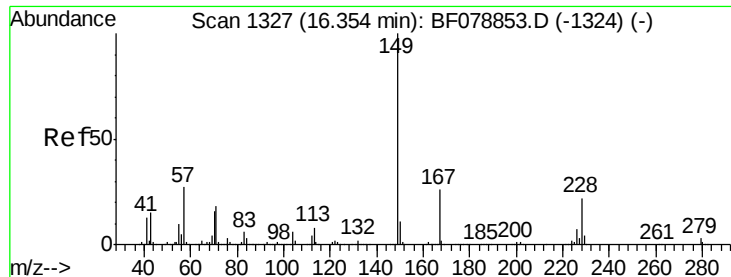
Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.2	52.2	78.2
126	11.3	6.6	9.8#



#82
 Chrysene
 Concen: 12.80 ng
 RT: 15.98 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.9	16.1	24.1

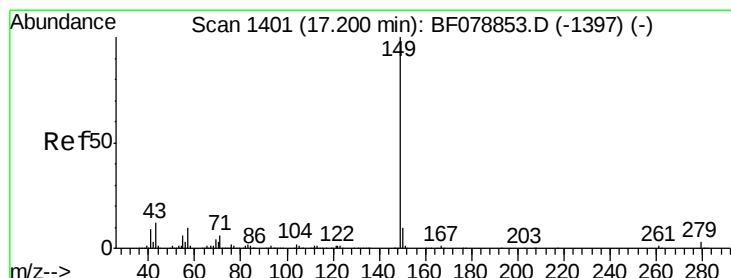
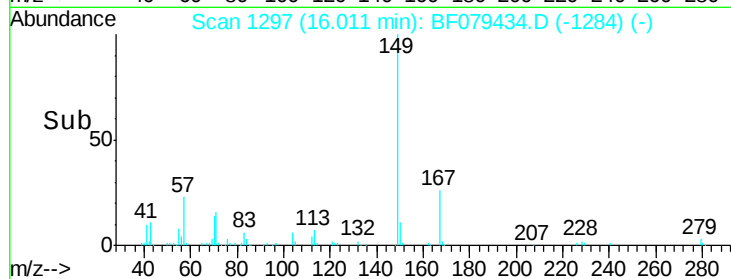
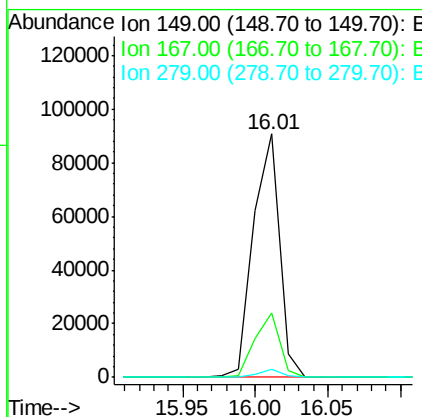
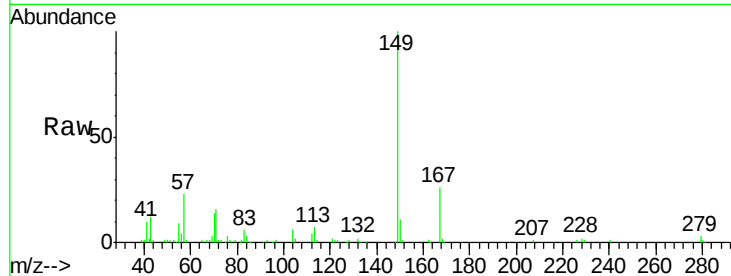




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.16 ng
 RT: 16.01 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

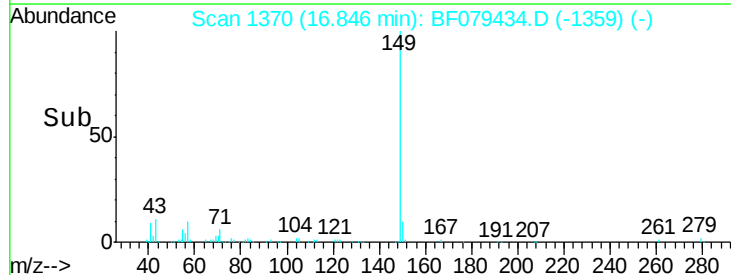
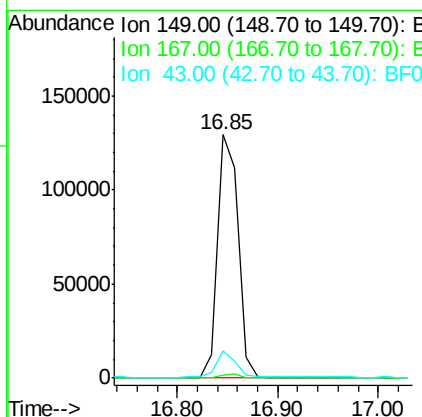
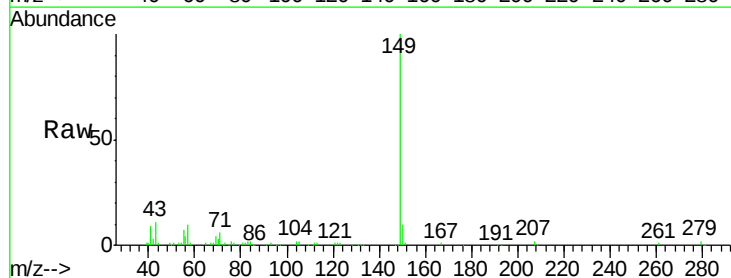
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

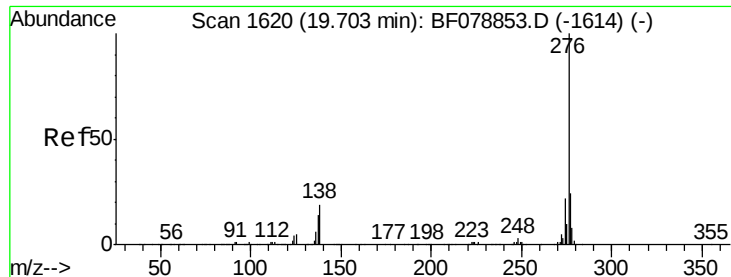
Tgt Ion:149 Resp: 113642
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.2 31.8
 279 3.5 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 12.09 ng
 RT: 16.85 min Scan# 1370
 Delta R.T. -0.05 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion:149 Resp: 183947
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.9 9.0 13.6

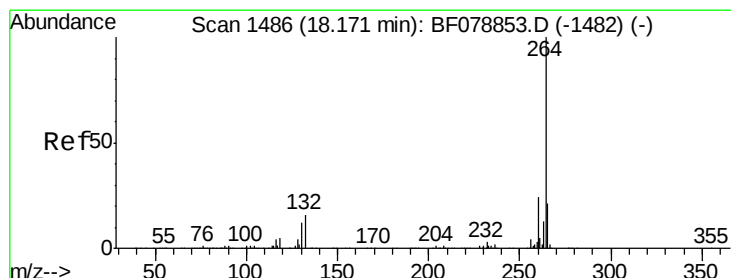
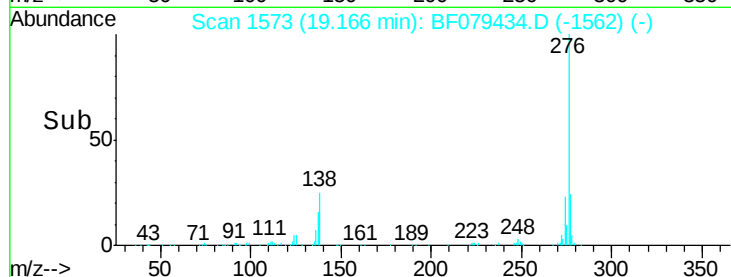
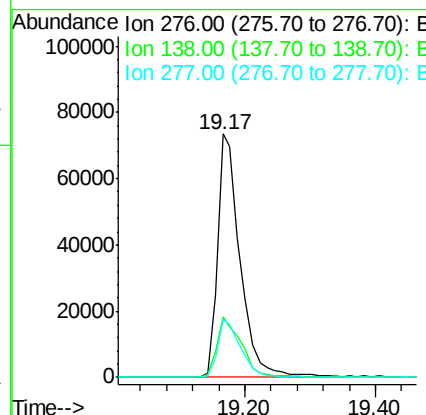
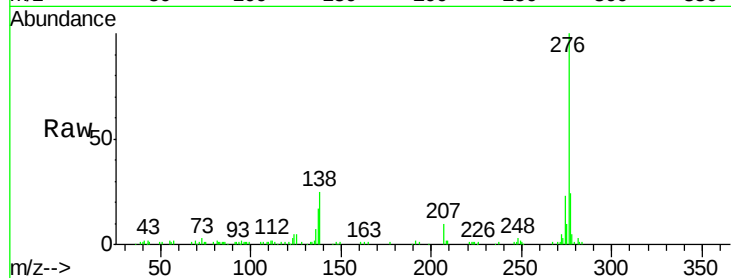




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.74 ng
 RT: 19.17 min Scan# 1573
 Delta R.T. -0.08 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

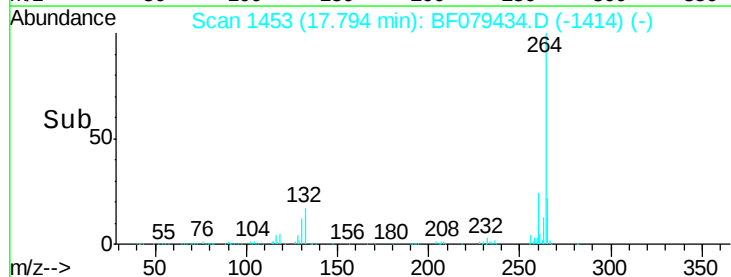
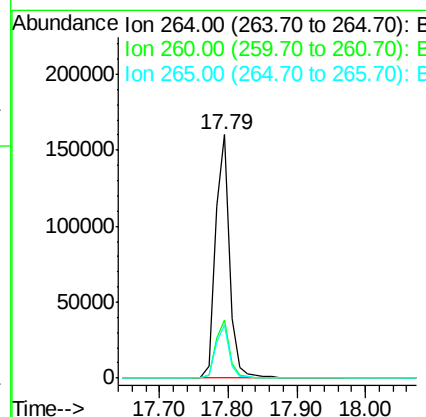
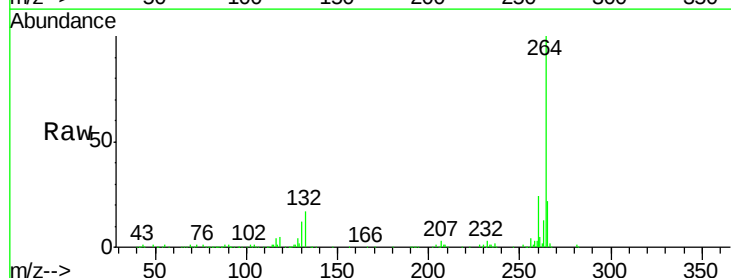
Instrument :
 BNA_F
 ClientSampleId :
 KY024MW068-150512MSD

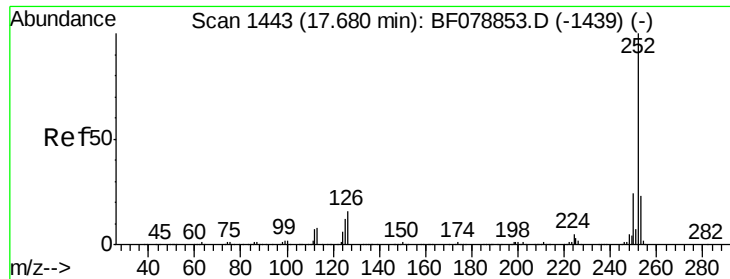
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.1	31.7
277	24.6	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1453
 Delta R.T. -0.06 min
 Lab File: BF079434.D
 Acq: 22 May 2015 15:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 11.99 ng

RT: 17.31 min Scan# 1411

Delta R.T. -0.05 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

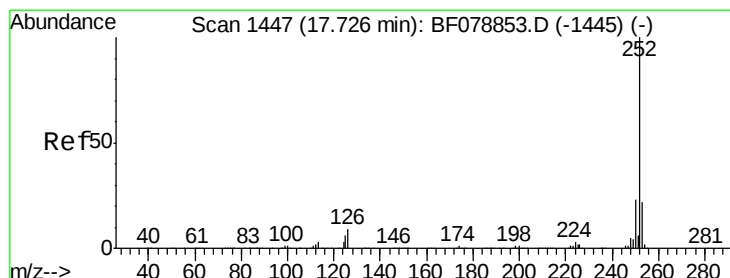
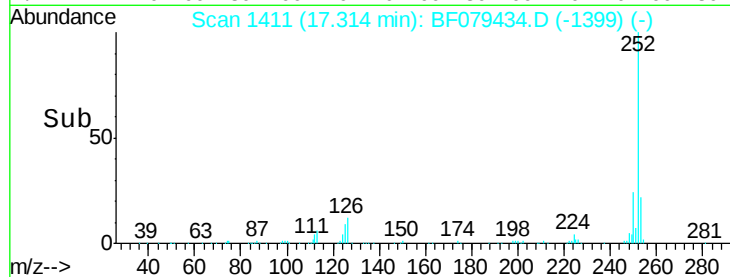
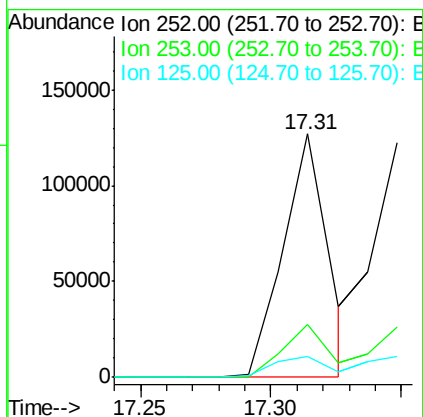
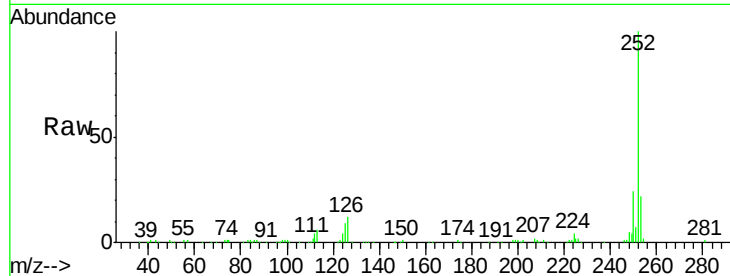
Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

Tgt Ion:	252	Resp:	151226
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	8.5	9.4	14.2#



#88

Benzo(k)fluoranthene

Concen: 12.39 ng

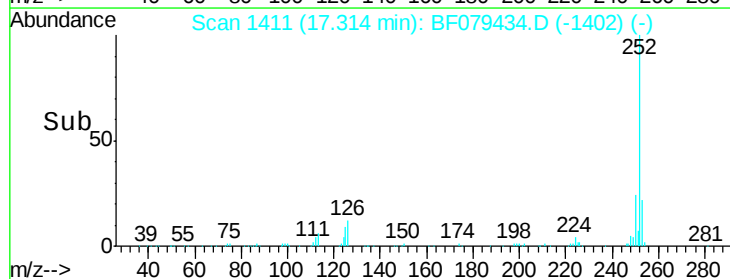
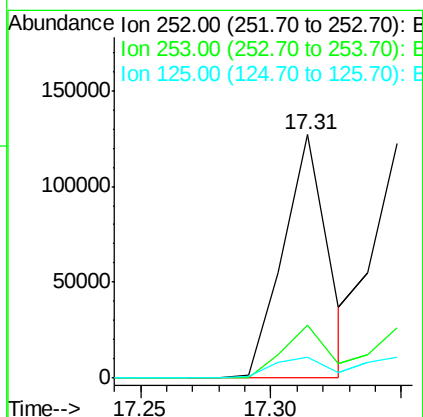
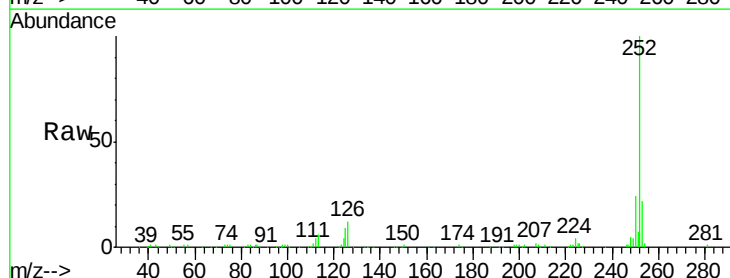
RT: 17.31 min Scan# 1411

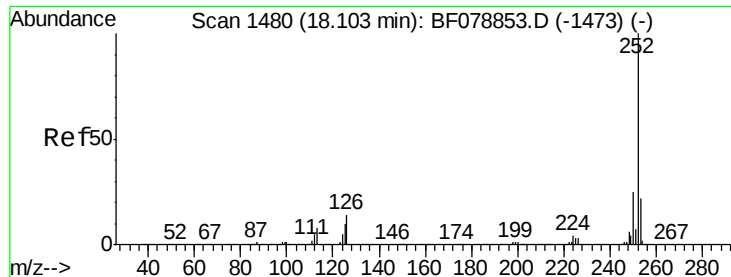
Delta R.T. -0.08 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Tgt Ion:	252	Resp:	151226
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	8.5	6.1	9.1





#89

Benzo(a)pyrene

Concen: 12.64 ng

RT: 17.73 min Scan# 1447

Delta R.T. -0.05 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD

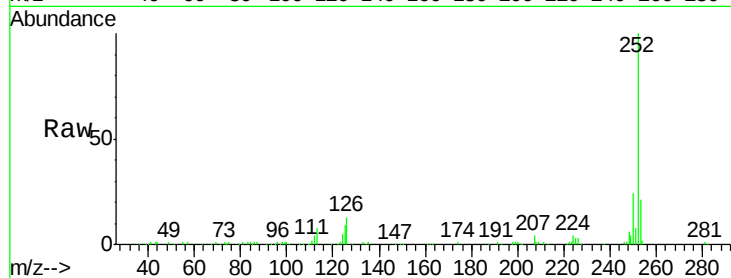
Tgt Ion:252 Resp: 146833

Ion Ratio Lower Upper

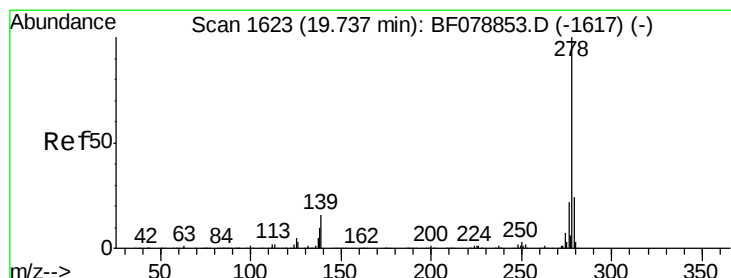
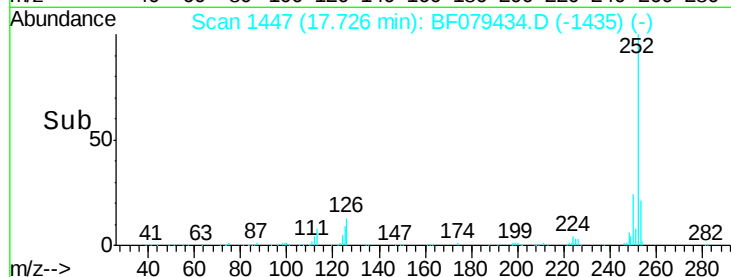
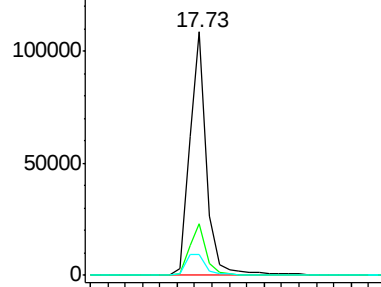
252 100

253 21.3 18.0 27.0

125 8.7 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 11.88 ng

RT: 19.19 min Scan# 1575

Delta R.T. -0.08 min

Lab File: BF079434.D

Acq: 22 May 2015 15:43

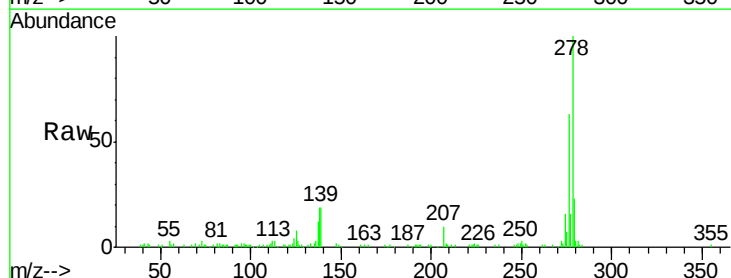
Tgt Ion:278 Resp: 146612

Ion Ratio Lower Upper

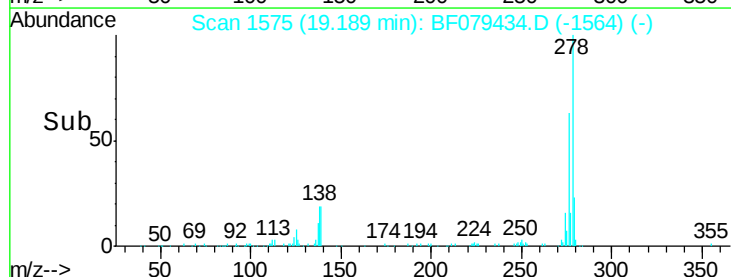
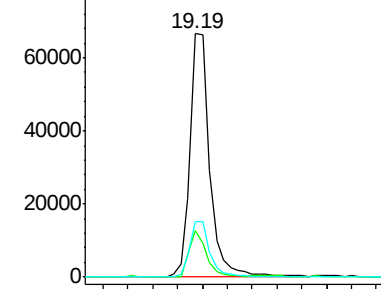
278 100

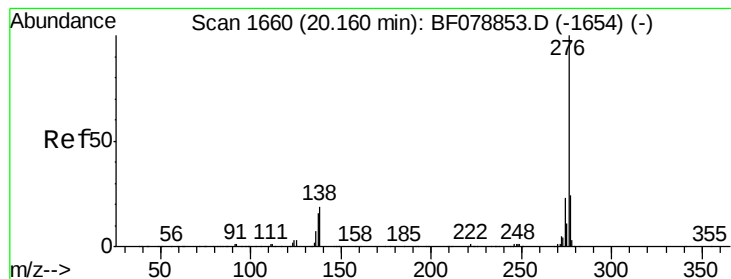
139 18.8 13.1 19.7

279 23.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 12.28 ng

RT: 19.57 min Scan# 1608

Delta R.T. -0.08 min

Lab File: BF079434.D

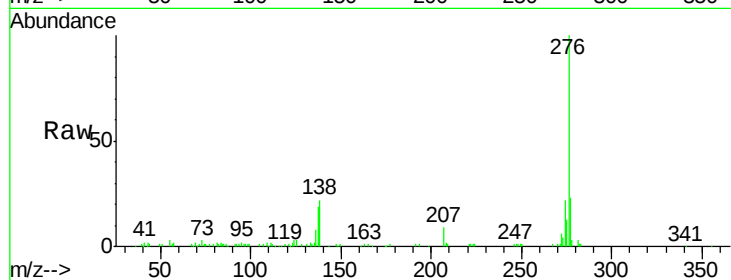
Acq: 22 May 2015 15:43

Instrument :

BNA_F

ClientSampleId :

KY024MW068-150512MSD



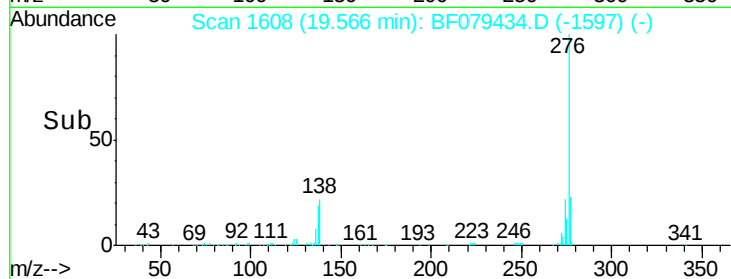
Tgt Ion: 276 Resp: 151955

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.5 15.2 22.8



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

