

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078165.D
 Acq On : 1 Apr 2015 21:29
 Operator : TP/IZ
 Sample : G1654-06RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-24-15RE

Quant Time: Apr 02 03:54:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	53162	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	216293	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	109852	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	216677	20.00	ng	0.00
75) Chrysene-d12	15.86	240	216816	20.00	ng	-0.01
86) Perylene-d12	17.55	264	204712	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	32266	10.01	ng	0.00
7) Phenol-d6	6.60	99	30077	7.44	ng	0.00
23) Nitrobenzene-d5	7.71	82	290246	81.34	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	30567	33.55	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	627834	81.70	ng	0.00
78) Terphenyl-d14	14.59	244	744733	77.62	ng	0.00

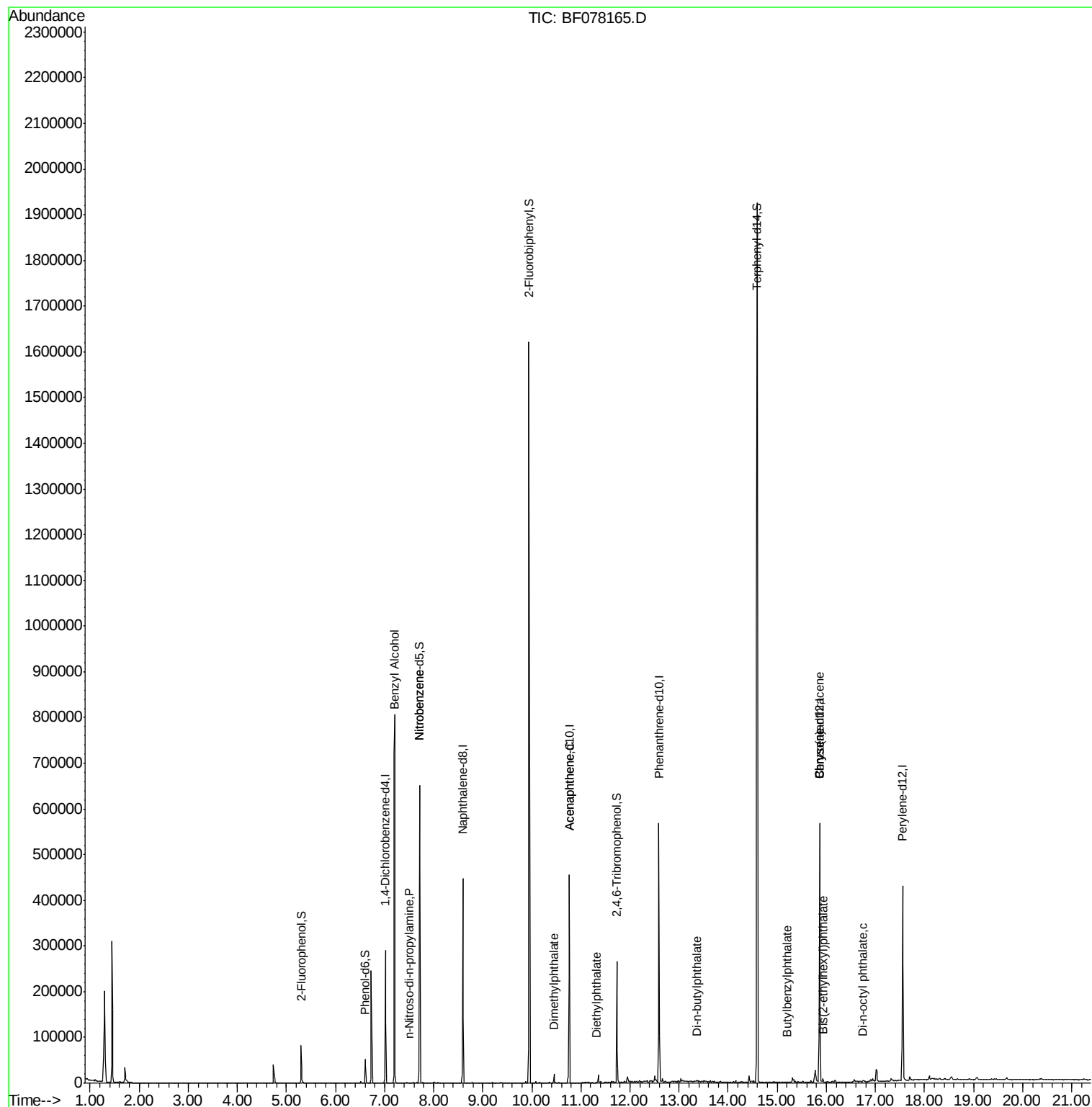
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.20	79	4800	1.69	ng	# 58
19) n-Nitroso-di-n-propylamine	7.50	70	209	0.08	ng	# 40
24) Nitrobenzene	7.71	77	778	0.21	ng	# 30
49) Dimethylphthalate	10.45	163	9511	1.15	ng	# 99
51) Acenaphthene	10.76	154	280	0.04	ng	# 4
59) Diethylphthalate	11.32	149	868	0.11	ng	# 60
73) Di-n-butylphthalate	13.36	149	1227	0.09	ng	# 79
79) Butylbenzylphthalate	15.21	149	295	0.06	ng	# 60
80) Benzo(a)anthracene	15.86	228	337	0.03	ng	# 52
82) Chrysene	15.86	228	337	0.03	ng	# 49
83) Bis(2-ethylhexyl)phthalate	15.93	149	2674	0.33	ng	# 91
84) Di-n-octyl phthalate	16.75	149	360	0.03	ng	# 100

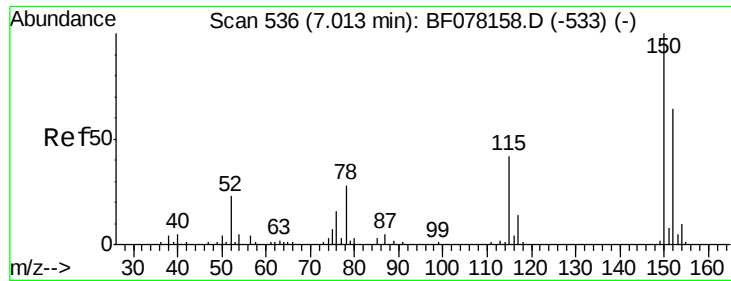
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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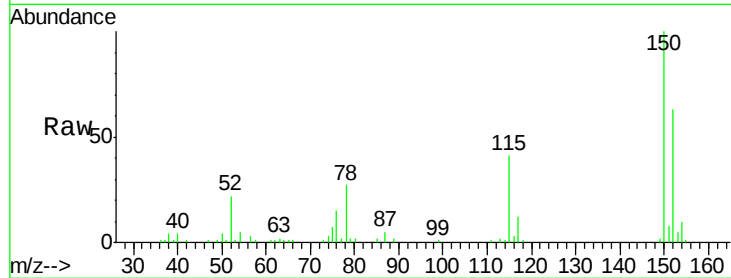


#1

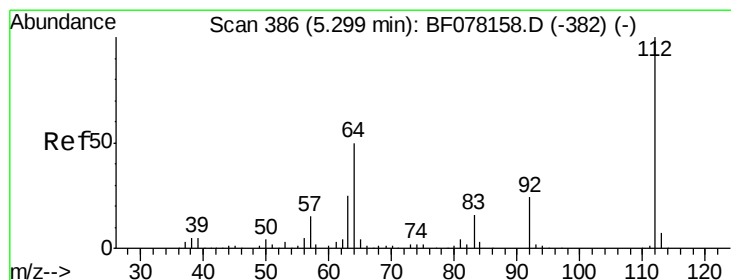
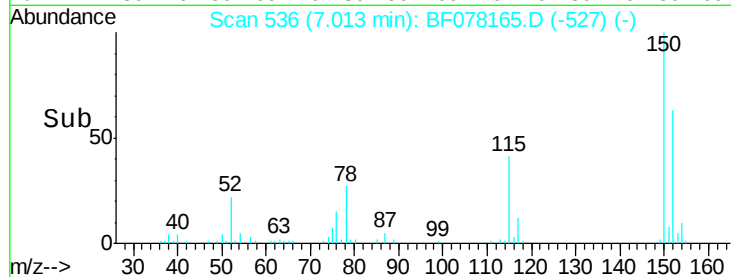
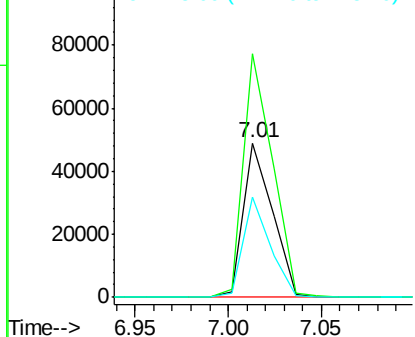
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF078165.D
 Acq: 1 Apr 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-24-15RE

Tgt Ion:152 Resp: 53162
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.9 188.9
 115 64.8 52.7 79.1



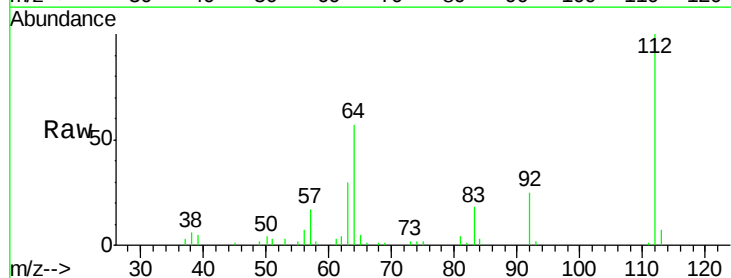
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



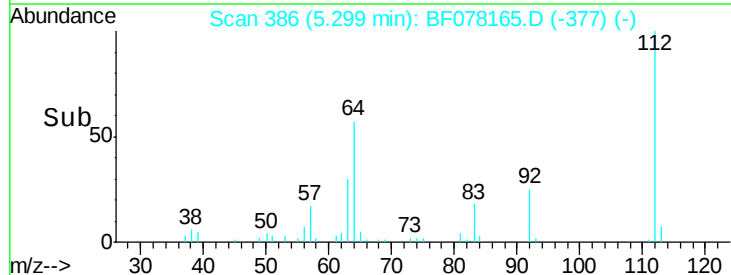
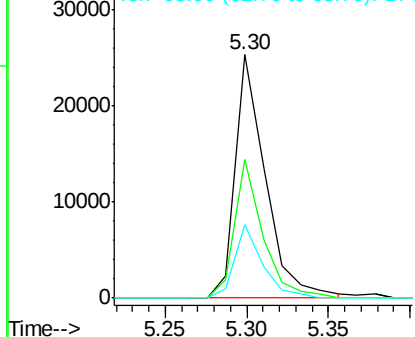
#5

2-Fluorophenol
 Concen: 10.01 ng
 RT: 5.30 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BF078165.D
 Acq: 1 Apr 2015 21:29

Tgt Ion:112 Resp: 32266
 Ion Ratio Lower Upper
 112 100
 64 57.0 39.9 59.9
 63 30.0 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.44 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15RE

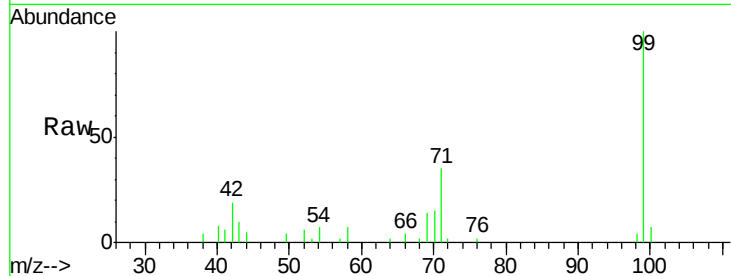
Tgt Ion: 99 Resp: 30077

Ion Ratio Lower Upper

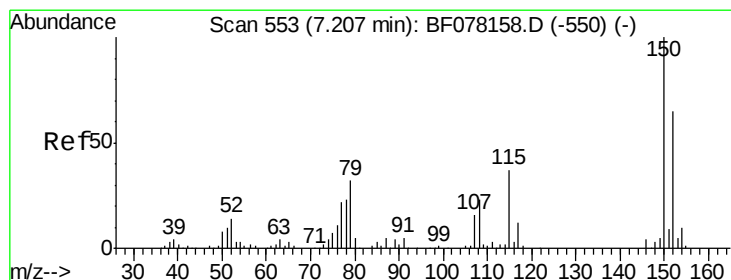
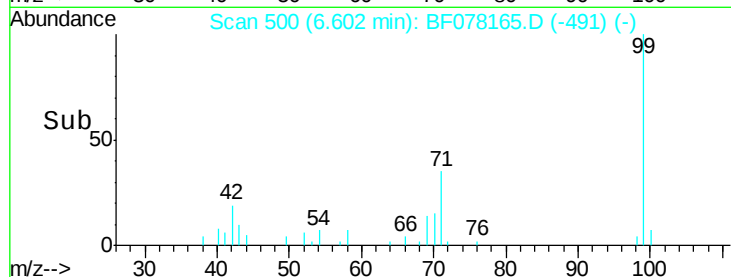
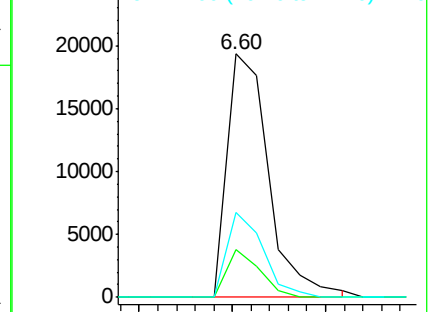
99 100

42 19.5 14.8 22.2

71 34.9 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 1.69 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

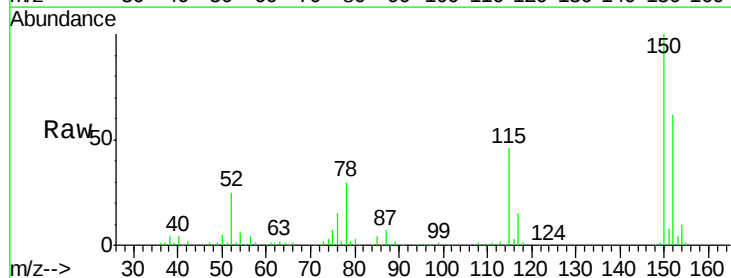
Tgt Ion: 79 Resp: 4800

Ion Ratio Lower Upper

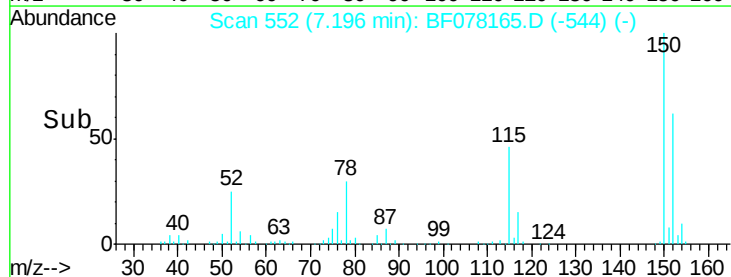
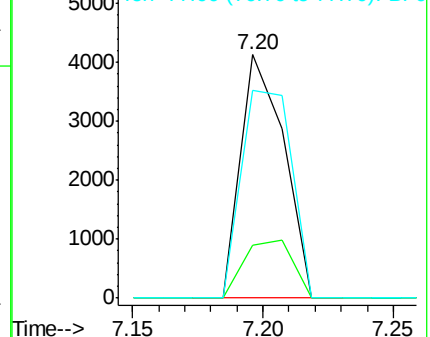
79 100

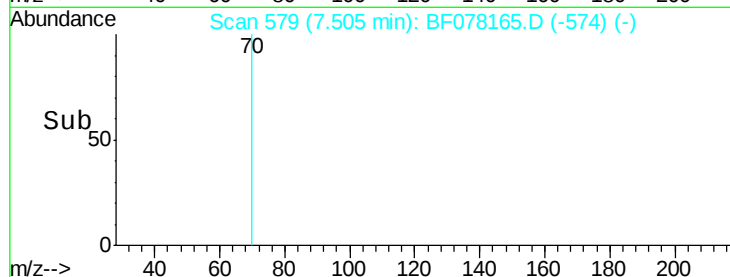
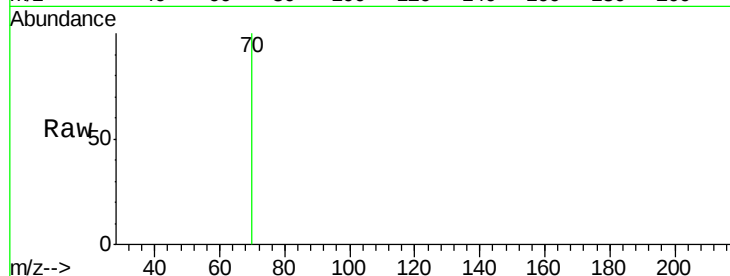
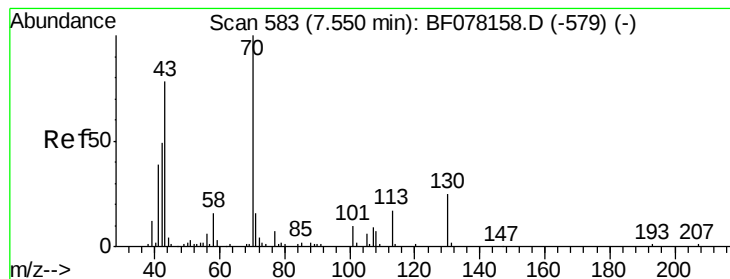
108 21.7 57.6 86.4#

77 85.1 53.5 80.3#



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





#19

n-Nitroso-di-n-propylamine

Concen: 0.08 ng

RT: 7.50 min Scan# 579

Delta R.T. -0.05 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15RE

Tgt Ion: 70 Resp: 209

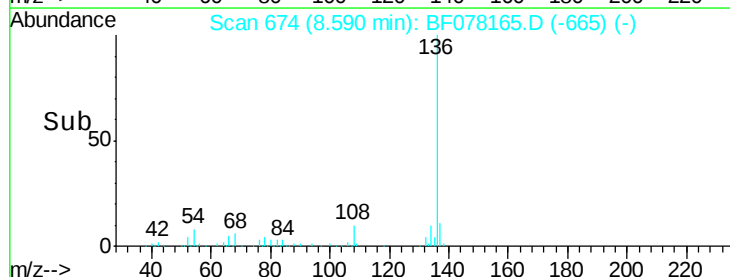
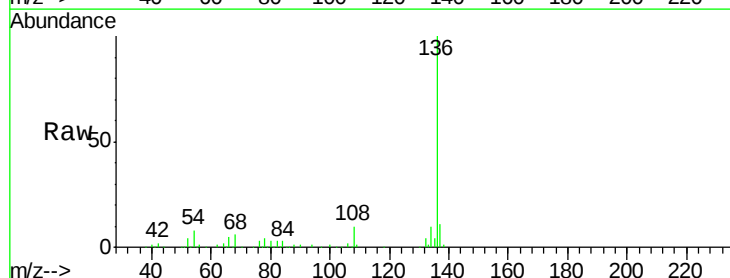
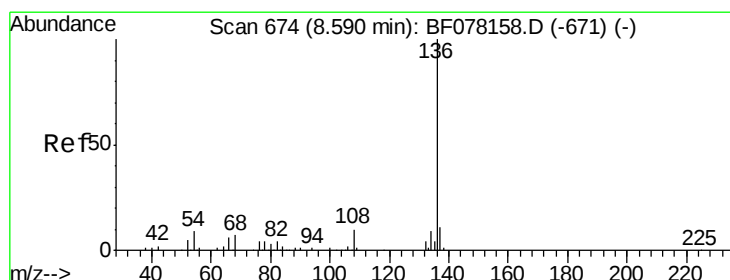
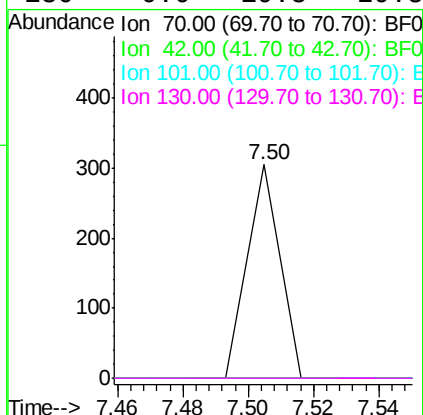
Ion Ratio Lower Upper

70 100

42 0.0 38.9 58.3#

101 0.0 8.3 12.5#

130 0.0 19.8 29.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

Tgt Ion: 136 Resp: 216293

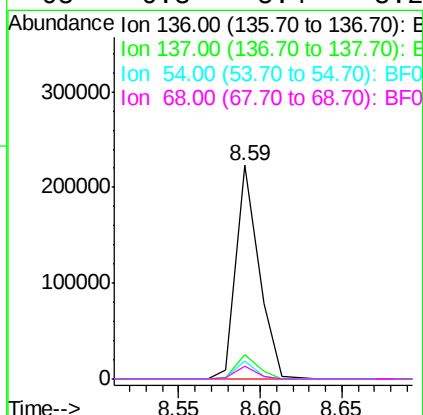
Ion Ratio Lower Upper

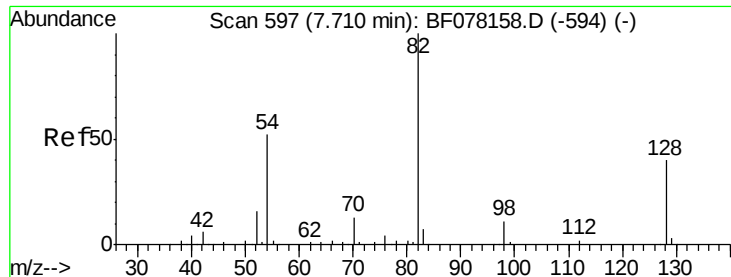
136 100

137 11.2 9.0 13.4

54 8.2 7.0 10.6

68 6.3 5.4 8.2

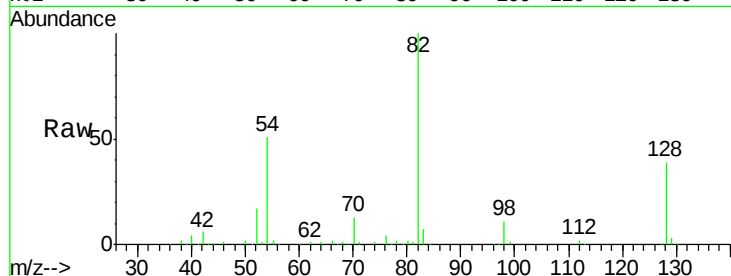




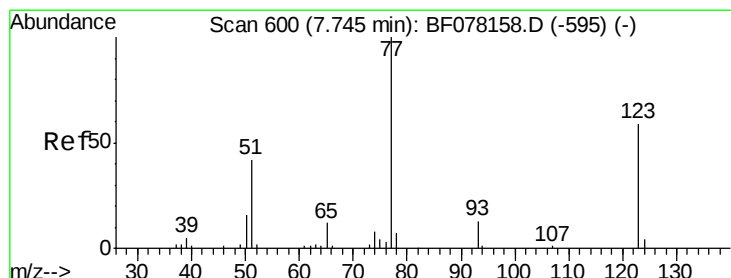
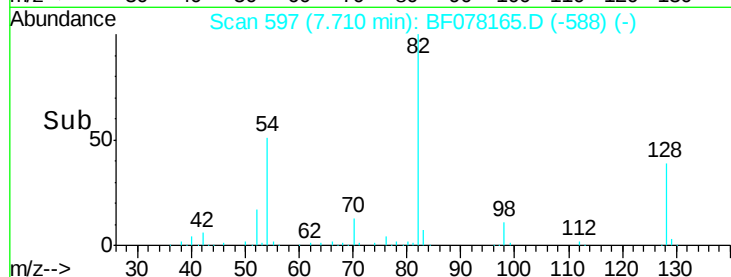
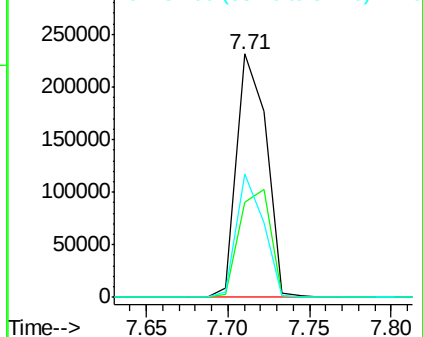
#23
 Nitrobenzene-d5
 Concen: 81.34 ng
 RT: 7.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF078165.D
 Acq: 1 Apr 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-24-15RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.8	47.8
54	50.8	41.5	62.3

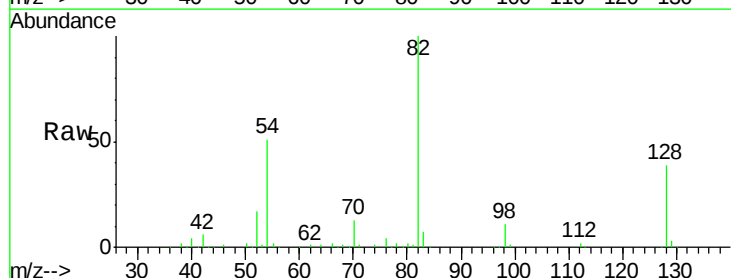


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

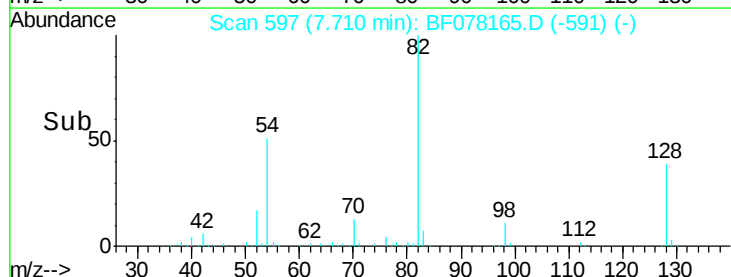
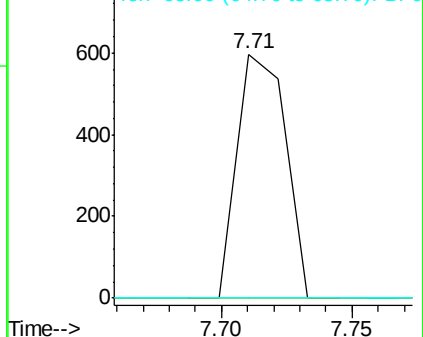


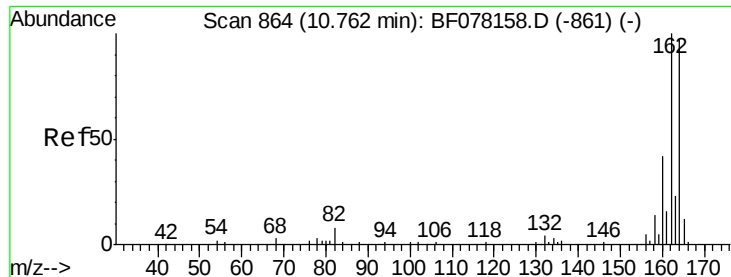
#24
 Nitrobenzene
 Concen: 0.21 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF078165.D
 Acq: 1 Apr 2015 21:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	46.9	70.3#
65	0.0	9.5	14.3#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15RE

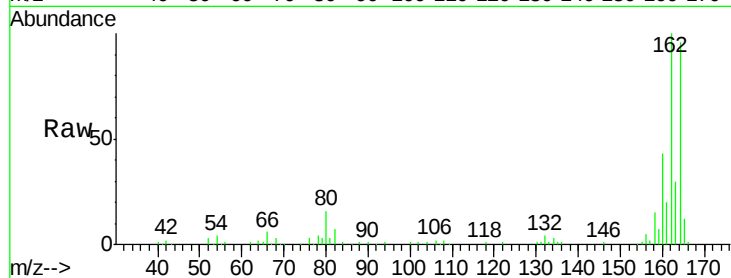
Tgt Ion:164 Resp: 109852

Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.2

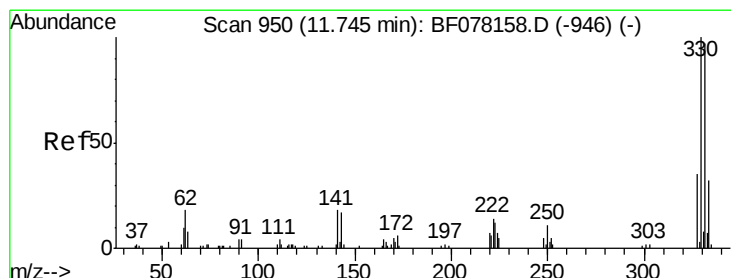
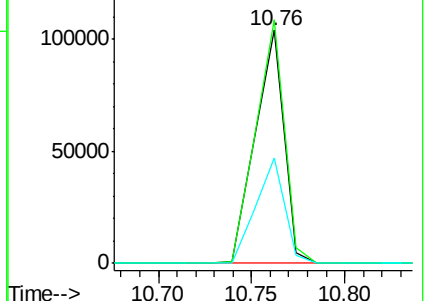
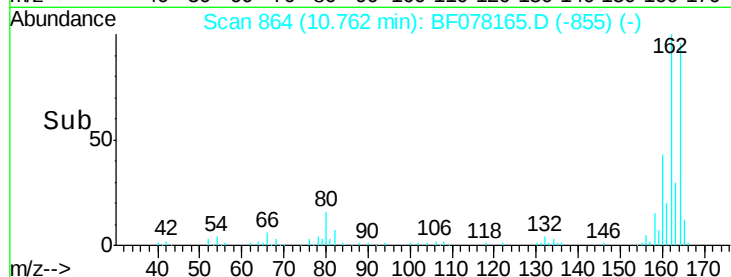
160 45.2 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 33.55 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

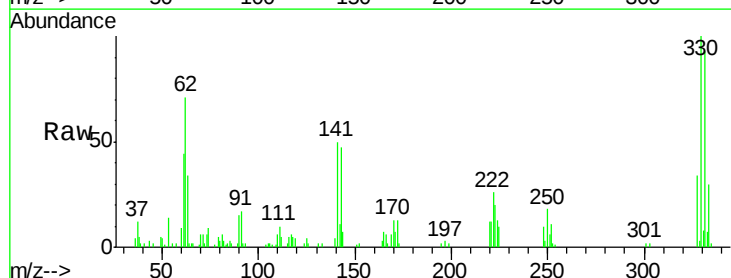
Tgt Ion:330 Resp: 30567

Ion Ratio Lower Upper

330 100

332 94.7 78.6 117.8

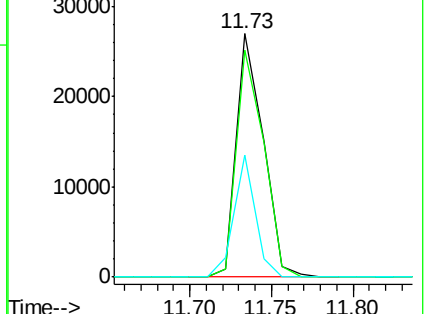
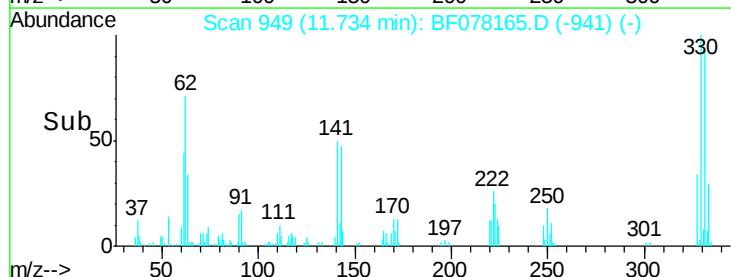
141 39.8 31.2 46.8

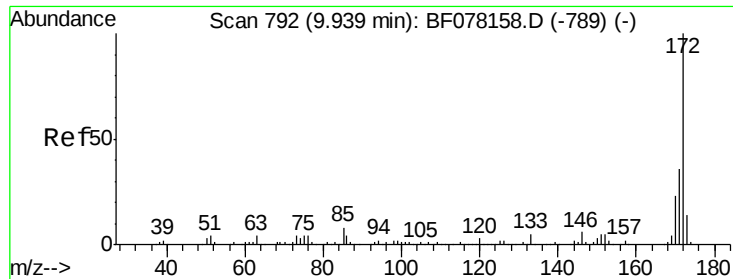


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

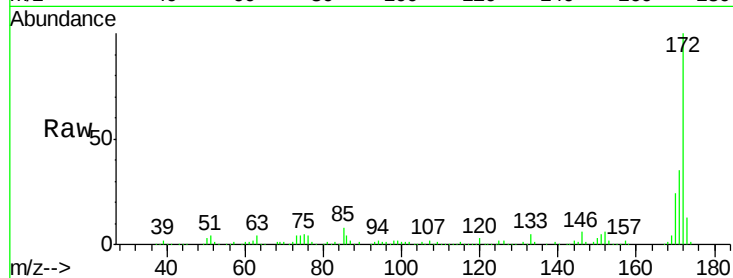




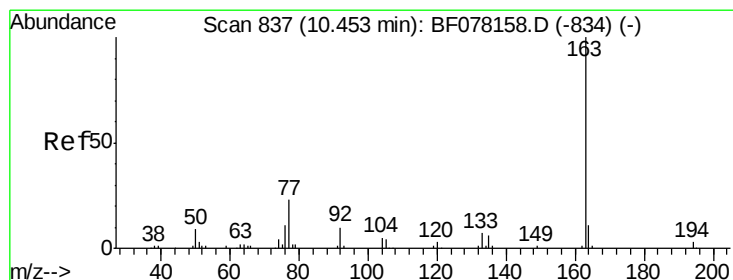
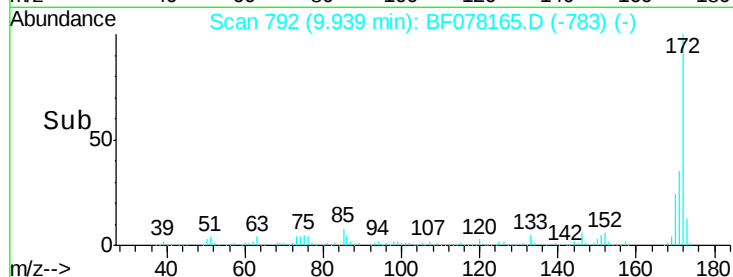
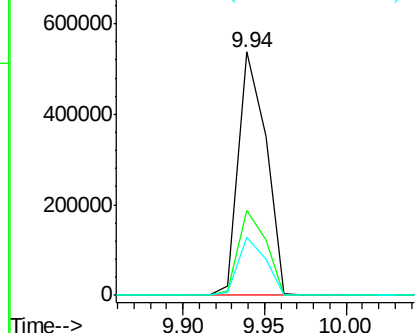
#44
2-Fluorobiphenyl
Concen: 81.70 ng
RT: 9.94 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

Instrument :
BNA_F
ClientSampleId :
MW-9-3-24-15RE

Tgt Ion:172 Resp: 627834
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.6 18.5 27.7

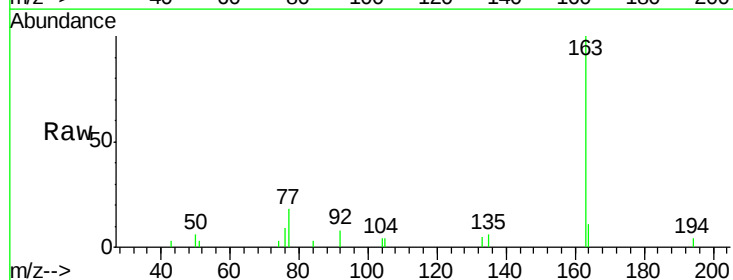


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

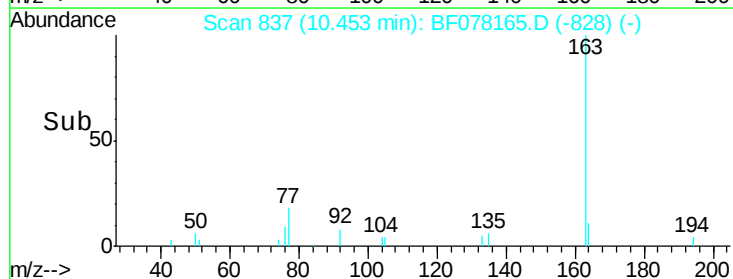
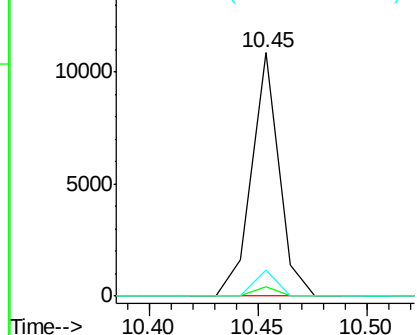


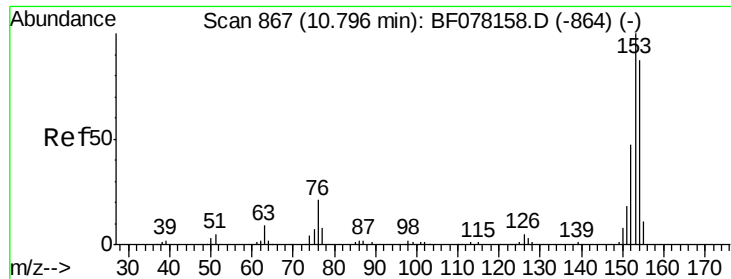
#49
Dimethylphthalate
Concen: 1.15 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

Tgt Ion:163 Resp: 9511
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 10.8 8.6 13.0



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





#51

Acenaphthene

Concen: 0.04 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15RE

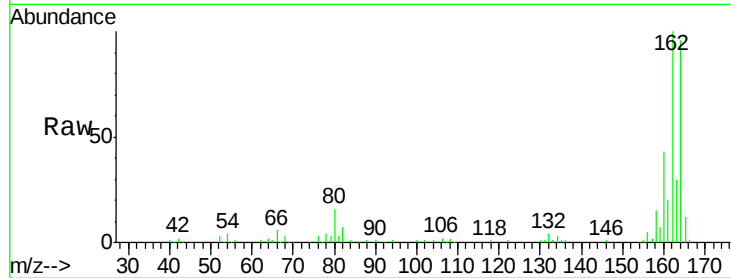
Tgt Ion:154 Resp: 280

Ion Ratio Lower Upper

154 100

153 0.0 91.4 137.2#

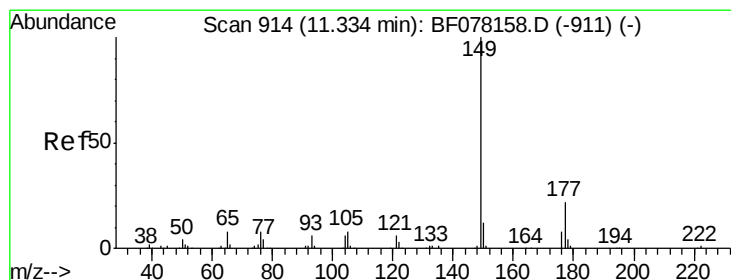
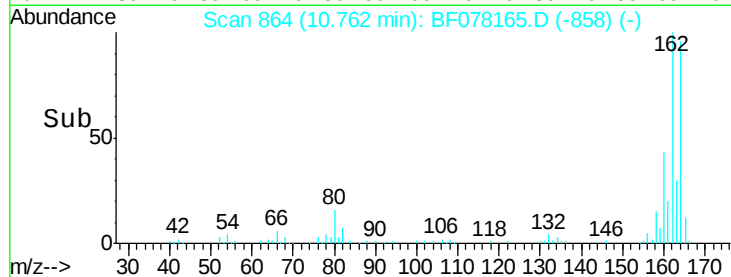
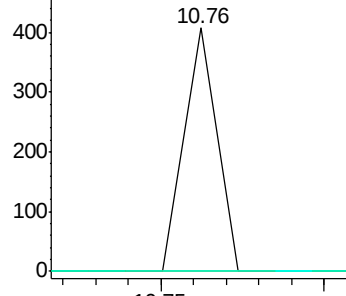
152 0.0 43.0 64.6#



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



#59

Diethylphthalate

Concen: 0.11 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

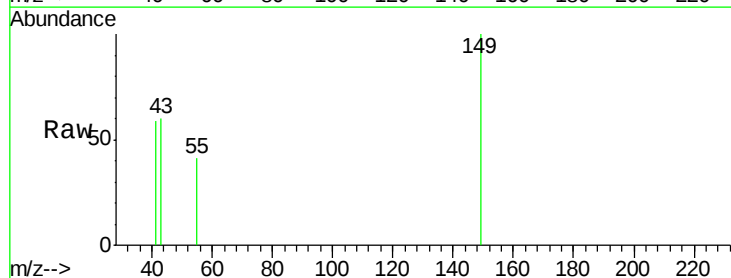
Tgt Ion:149 Resp: 868

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

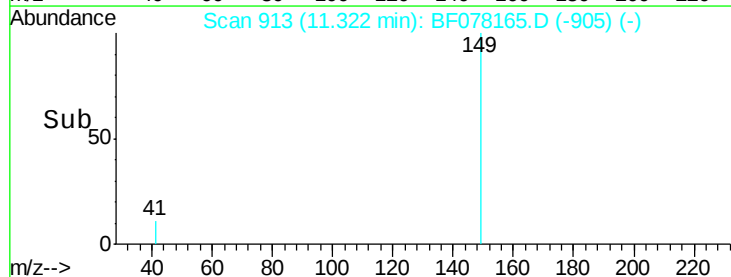
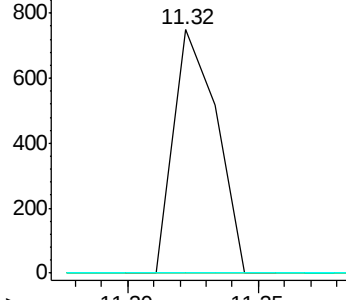
150 0.0 9.4 14.2#

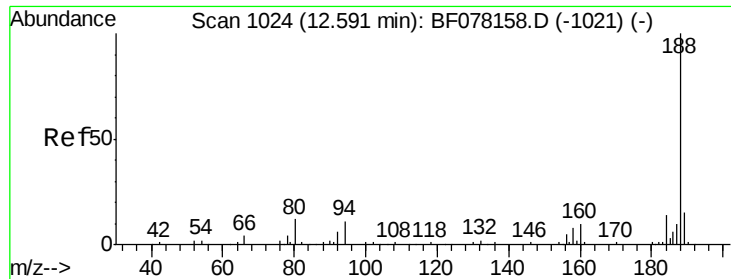


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

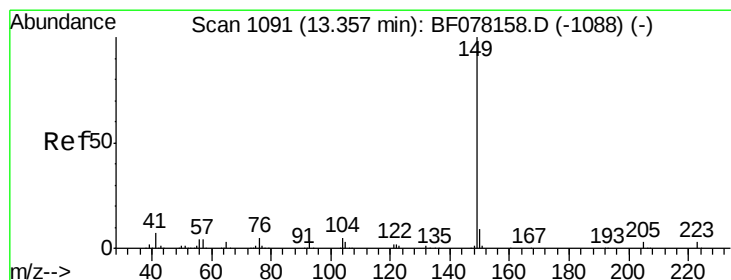
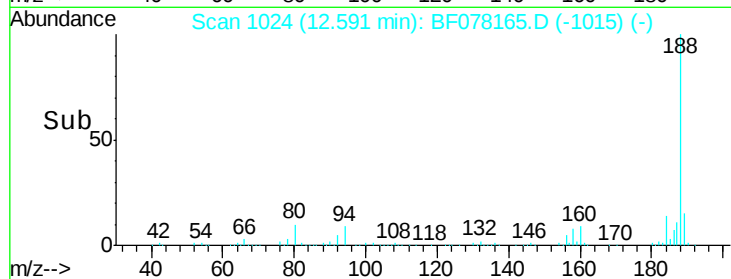
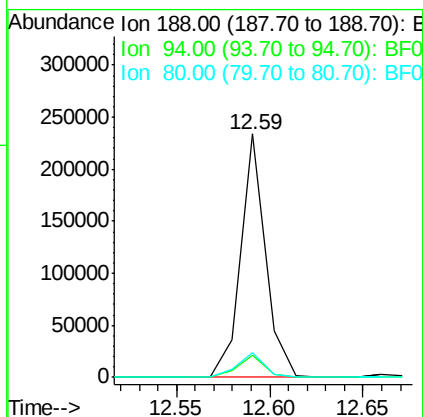
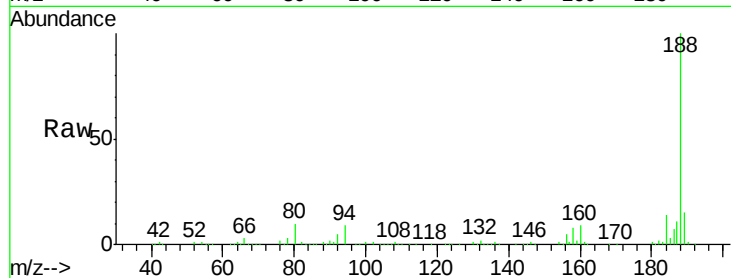




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078165.D
 Acq: 1 Apr 2015 21:29

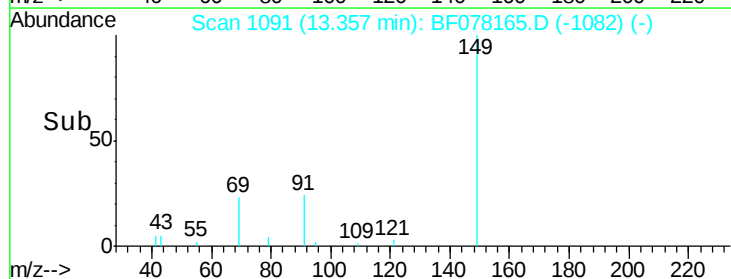
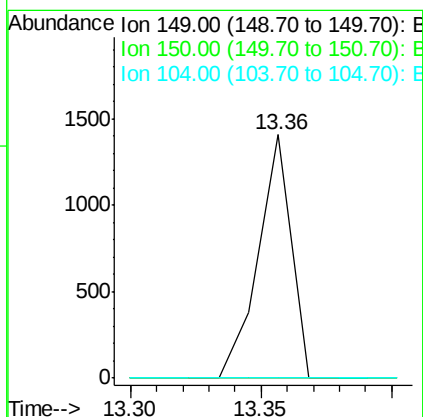
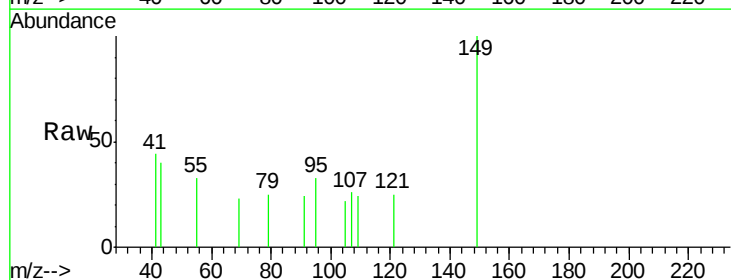
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-24-15RE

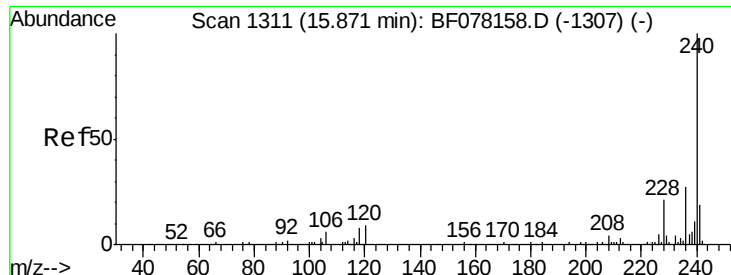
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	10.1	9.5	14.3



#73
 Di-n-butylphthalate
 Concen: 0.09 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF078165.D
 Acq: 1 Apr 2015 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	3.8	5.6#

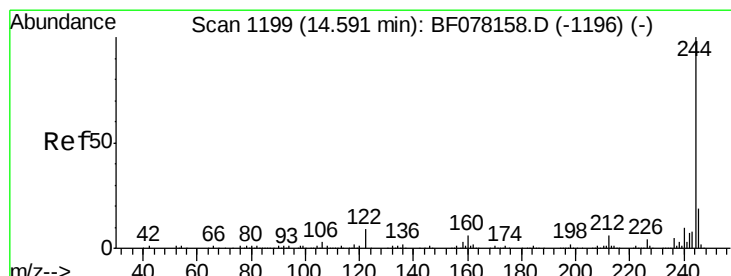
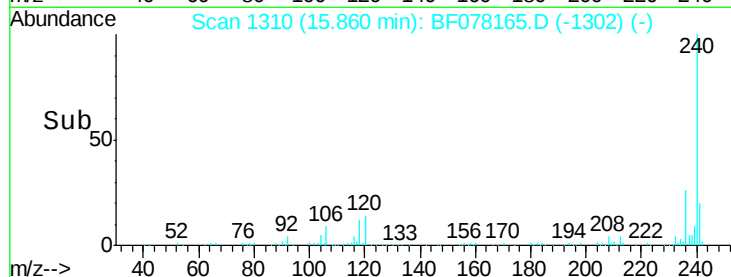
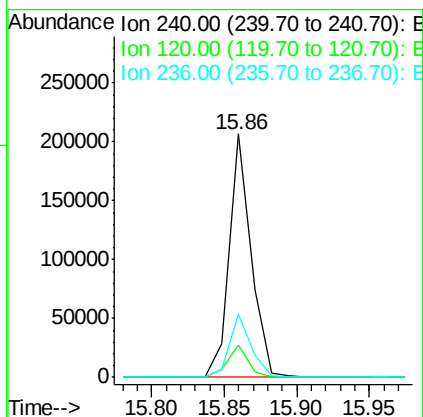
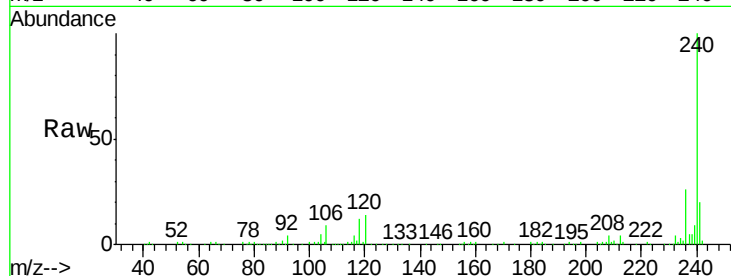




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

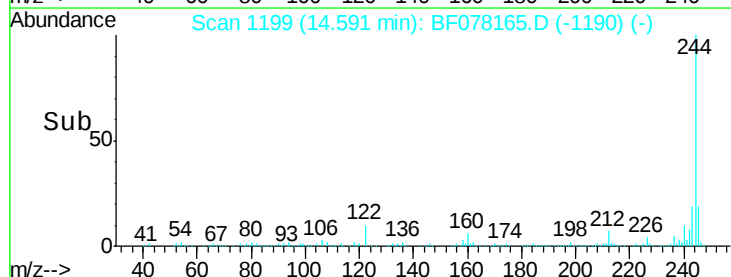
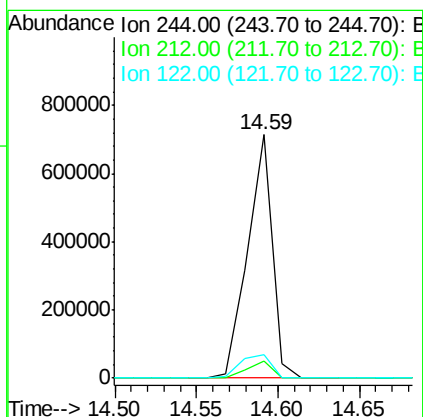
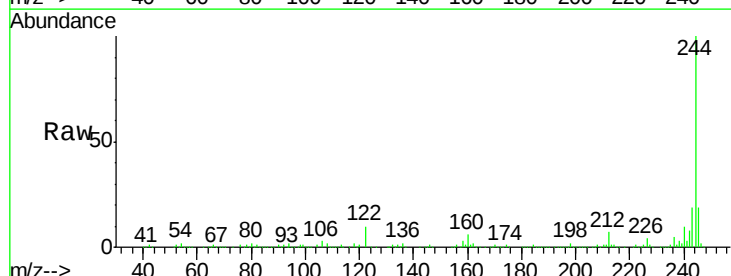
Instrument :
BNA_F
ClientSampleId :
MW-9-3-24-15RE

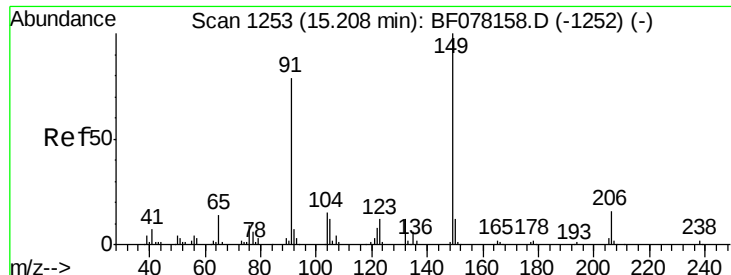
Tgt Ion:240 Resp: 216816
Ion Ratio Lower Upper
240 100
120 13.5 7.1 10.7#
236 25.9 21.4 32.2



#78
Terphenyl-d14
Concen: 77.62 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

Tgt Ion:244 Resp: 744733
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 9.9 7.1 10.7





#79

Butylbenzylphthalate

Concen: 0.06 ng

RT: 15.21 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15RE

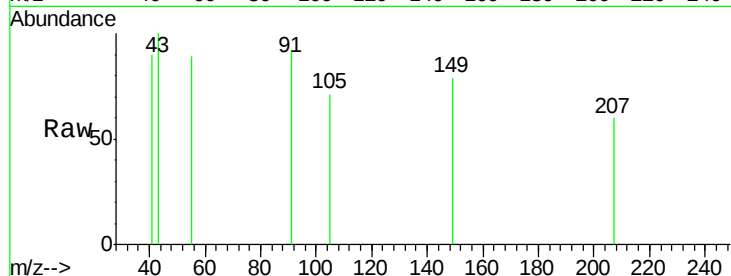
Tgt Ion:149 Resp: 295

Ion Ratio Lower Upper

149 100

91 115.6 64.2 96.2#

206 0.0 12.6 18.8#



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

600

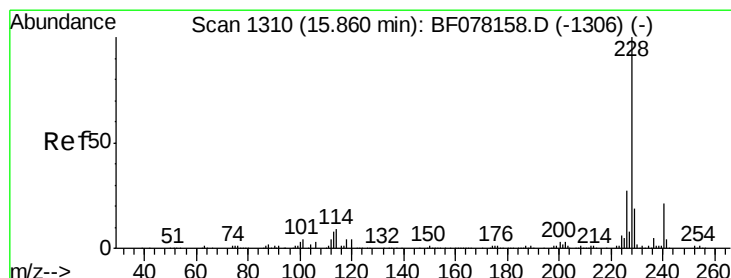
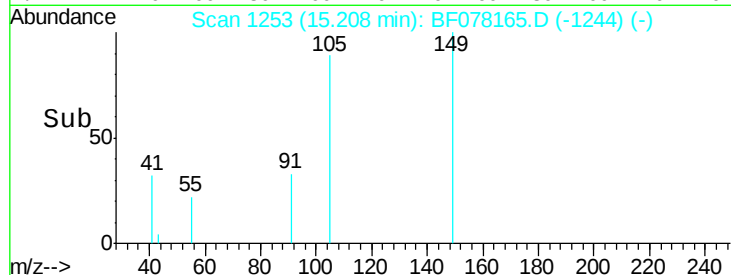
400

200

0

15.20

Time-->



#80

Benzo(a)anthracene

Concen: 0.03 ng

RT: 15.86 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF078165.D

Acq: 1 Apr 2015 21:29

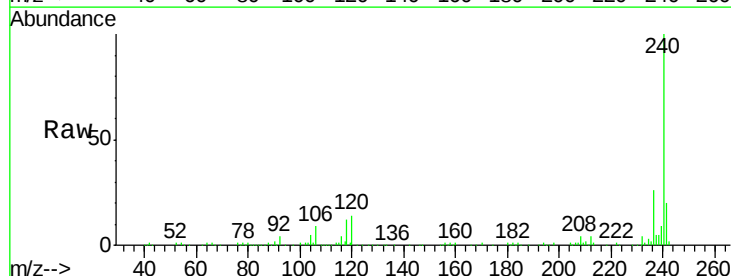
Tgt Ion:228 Resp: 337

Ion Ratio Lower Upper

228 100

226 0.0 21.3 31.9#

229 0.0 15.4 23.2#



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

600

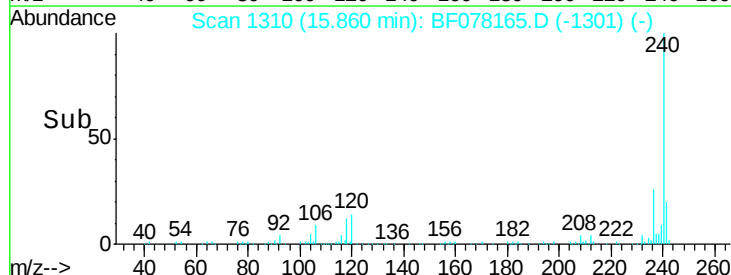
400

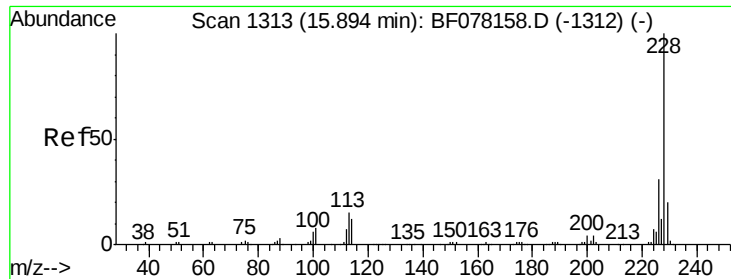
200

0

15.86

Time-->

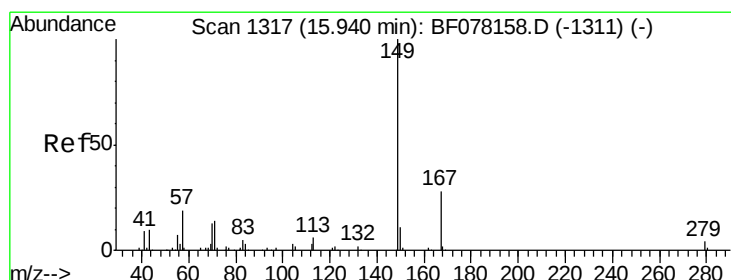
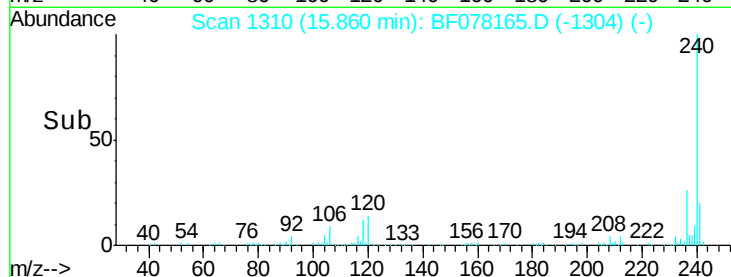
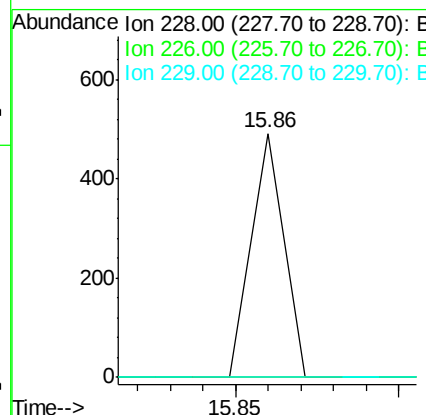
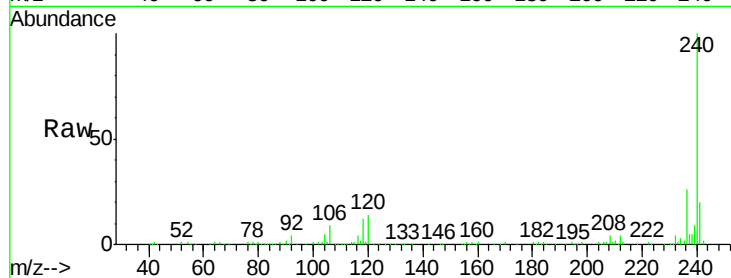




#82
Chrysene
Concen: 0.03 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

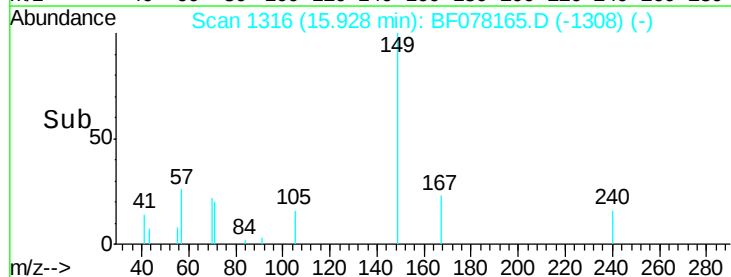
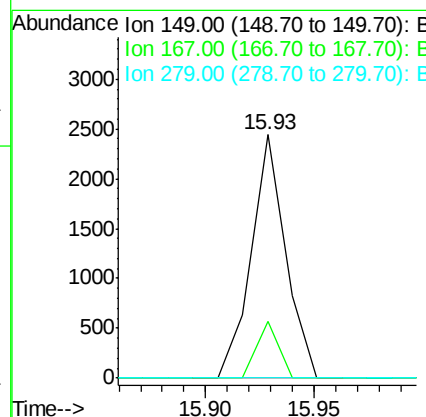
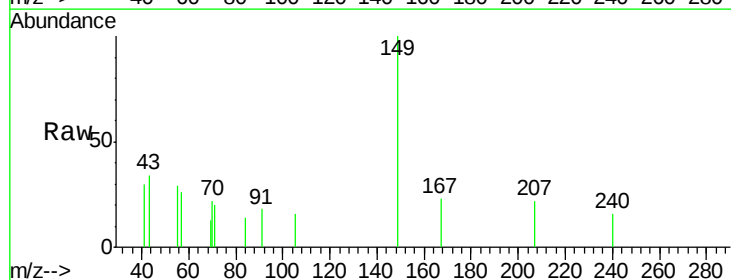
Instrument :
BNA_F
ClientSampleId :
MW-9-3-24-15RE

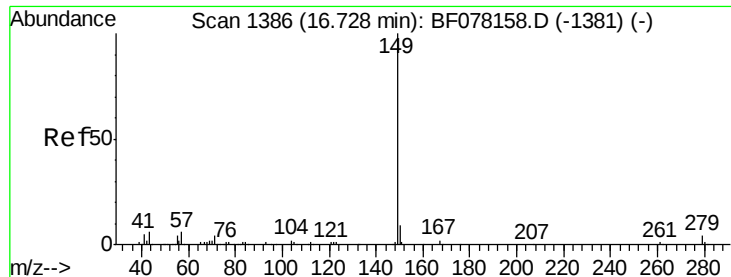
Tgt Ion: 228 Resp: 337
Ion Ratio Lower Upper
228 100
226 0.0 24.2 36.4#
229 0.0 15.8 23.8#



#83
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

Tgt Ion: 149 Resp: 2674
Ion Ratio Lower Upper
149 100
167 23.4 22.2 33.2
279 0.0 3.2 4.8#

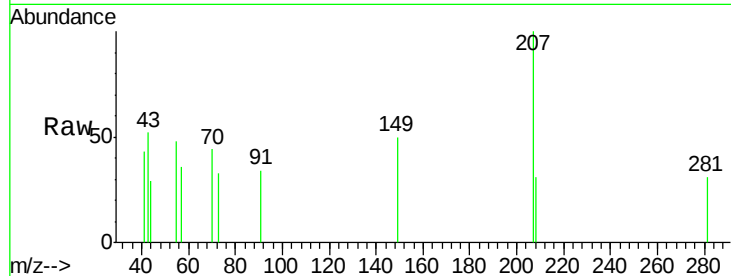




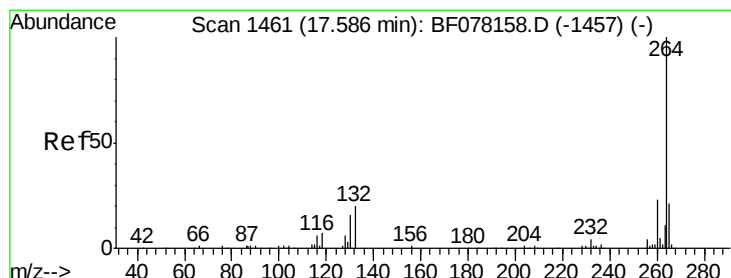
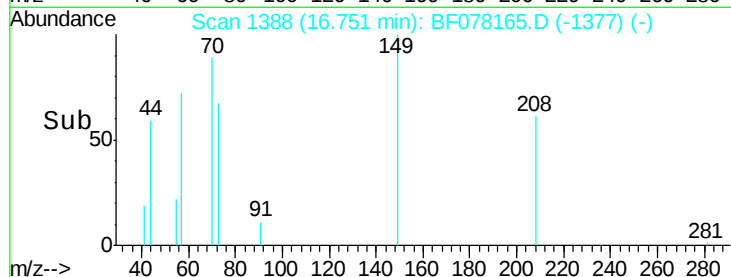
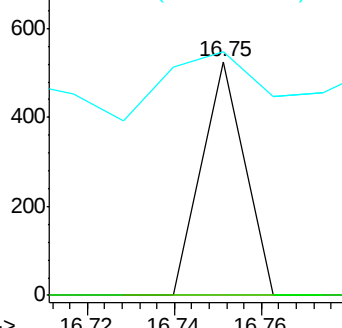
#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 16.75 min Scan# 1388
Delta R.T. 0.02 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

Instrument :
BNA_F
ClientSampleId :
MW-9-3-24-15RE

Tgt Ion:149 Resp: 360
Ion Ratio Lower Upper
149 100
167 0.0 0.0 0.0
43 62.2 0.0 0.0#

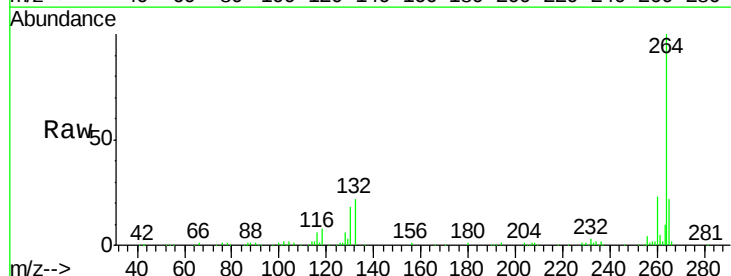


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.03 min
Lab File: BF078165.D
Acq: 1 Apr 2015 21:29

Tgt Ion:264 Resp: 204712
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.9 17.0 25.6



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

