

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079573.D
 Acq On : 29 May 2015 21:33
 Operator : TP/IZ
 Sample : G2420-35
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-5-27-15

Quant Time: May 29 23:40:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

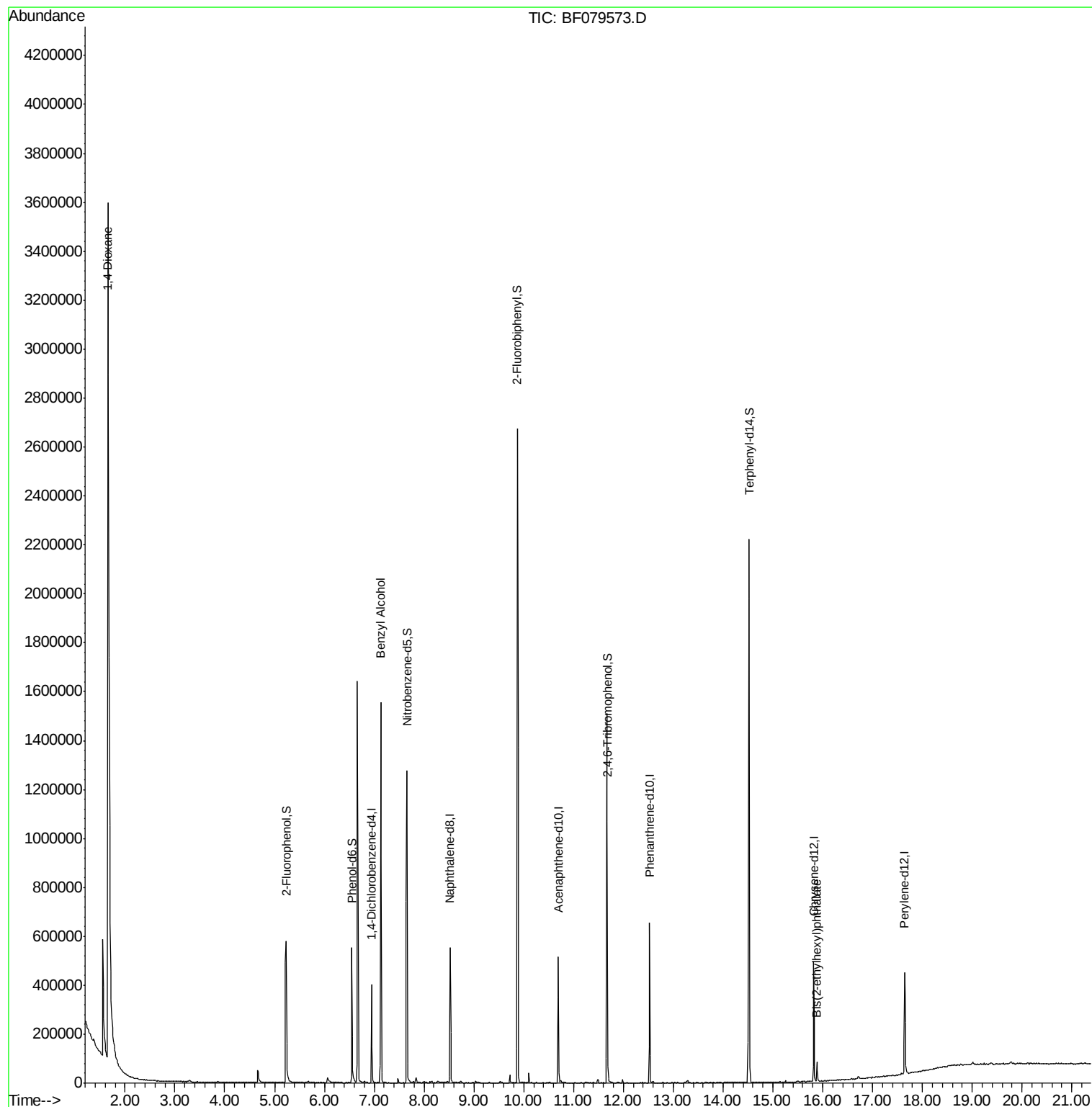
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68910	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	282451	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	136827	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	258593	20.00	ng	0.00
75) Chrysene-d12	15.82	240	214093	20.00	ng	-0.06
86) Perylene-d12	17.65	264	206681	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	284891	71.71	ng	0.00
7) Phenol-d6	6.55	99	228465	45.12	ng	0.00
23) Nitrobenzene-d5	7.66	82	515798	105.56	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	273674	182.10	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	1010162	105.33	ng	-0.01
78) Terphenyl-d14	14.53	244	1076882	118.05	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.66	88	195847	103.62	ng	# 100
15) Benzyl Alcohol	7.13	79	8147	2.19	ng	# 43
73) Di-n-butylphthalate	13.29	149	7045	Below Cal		# 93
83) Bis(2-ethylhexyl)phthalate	15.89	149	27936	3.27	ng	99
89) Benzo(a)pyrene	17.58	252	2023	Below Cal		# 82
90) Dibenzo(a,h)anthracene	19.02	278	4614	Below Cal		# 89
91) Benzo(g,h,i)perylene	19.37	276	4215	Below Cal		# 87

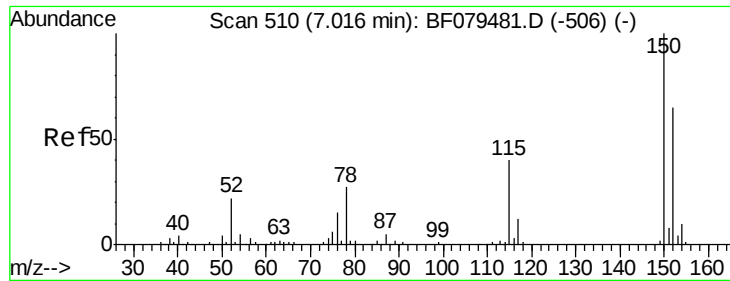
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

Instrument :

BNA_F

ClientSampled :

FB-5-27-15

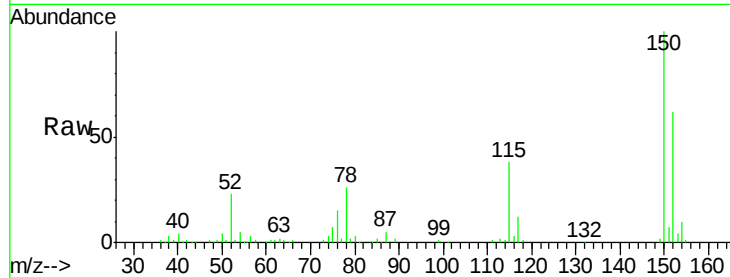
Tgt Ion:152 Resp: 68910

Ion Ratio Lower Upper

152 100

150 160.5 124.0 186.0

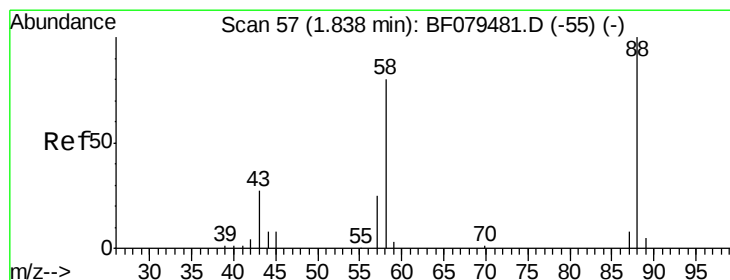
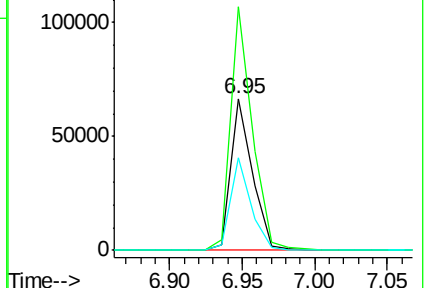
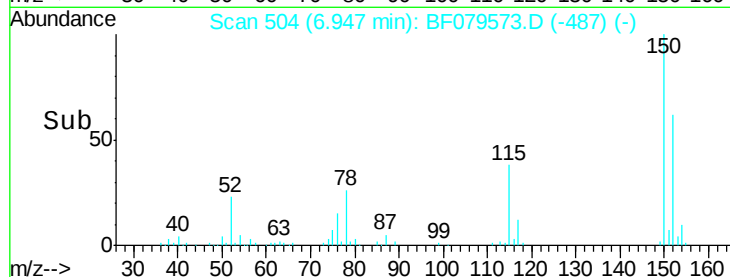
115 61.4 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 103.62 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

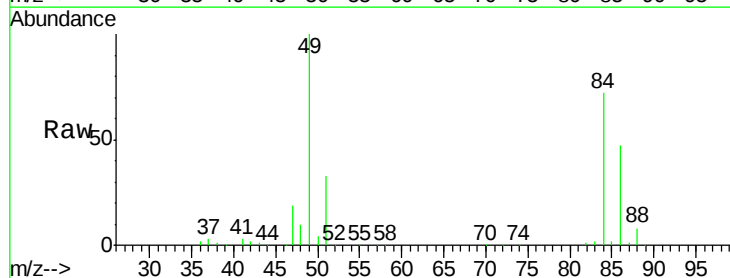
Tgt Ion: 88 Resp: 195847

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

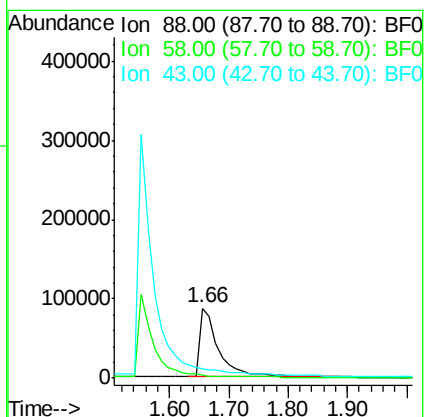
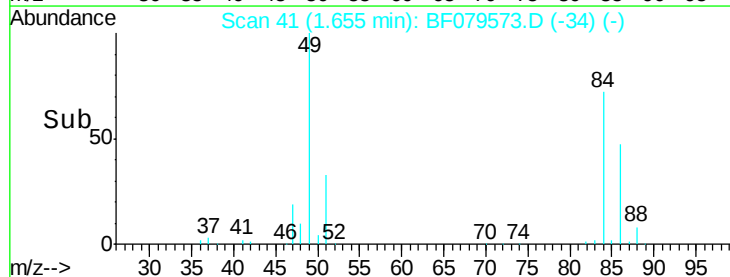
43 0.0 0.0 0.0

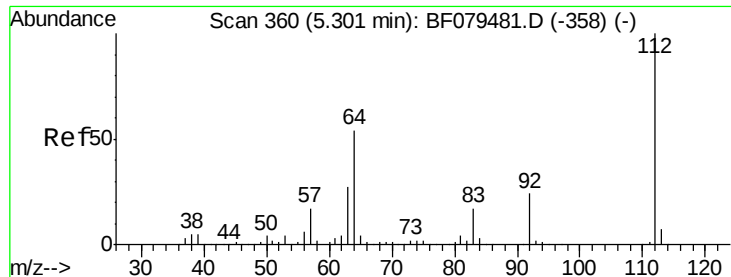


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 71.71 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

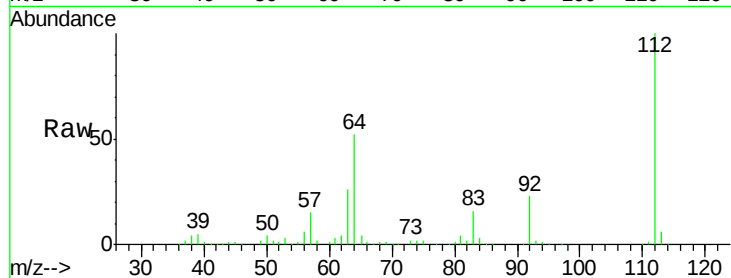
Instrument :

BNA_F

ClientSampleID :

FB-5-27-15

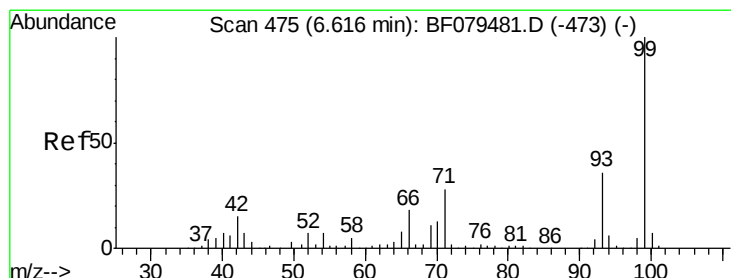
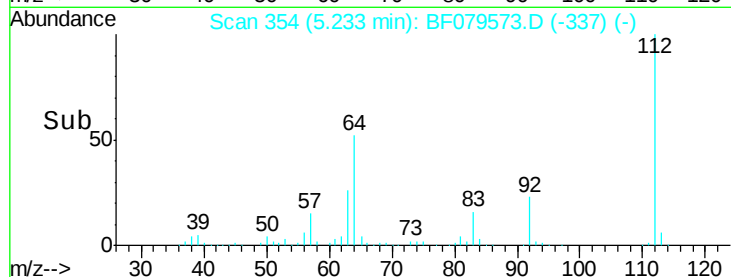
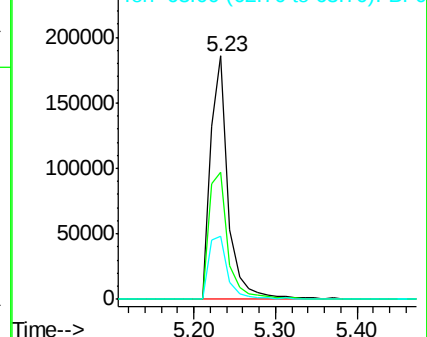
Tgt Ion:	112	Resp:	284891
Ion	Ratio	Lower	Upper
112	100		
64	52.1	43.5	65.3
63	26.0	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 45.12 ng

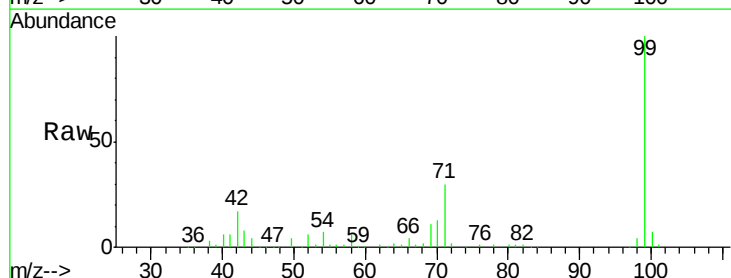
RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

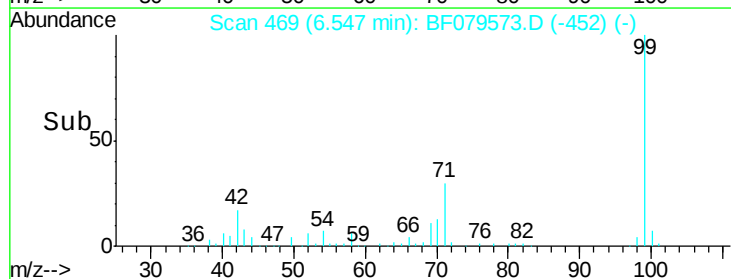
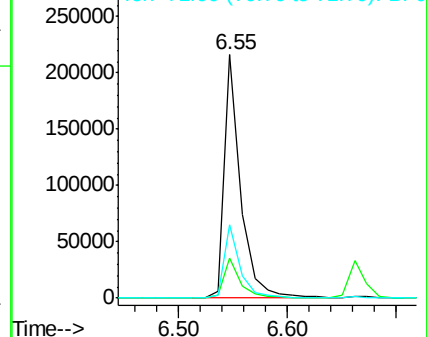
Tgt Ion:	99	Resp:	228465
Ion	Ratio	Lower	Upper
99	100		
42	16.6	11.9	17.9
71	30.3	22.1	33.1

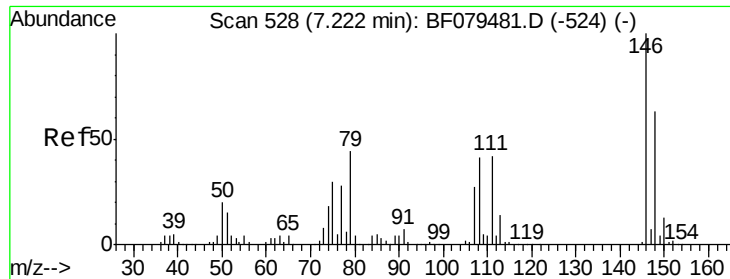


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.13 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

Instrument :

BNA_F

ClientSampled :

FB-5-27-15

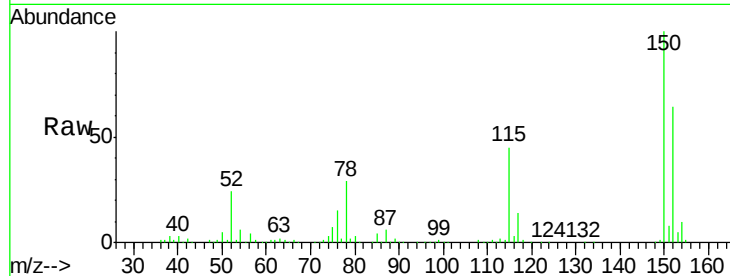
Tgt Ion: 79 Resp: 8147

Ion Ratio Lower Upper

79 100

108 29.8 73.7 110.5#

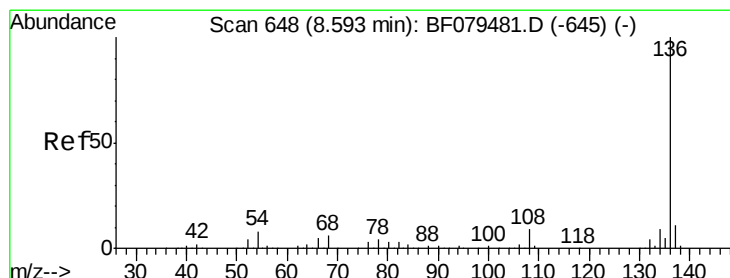
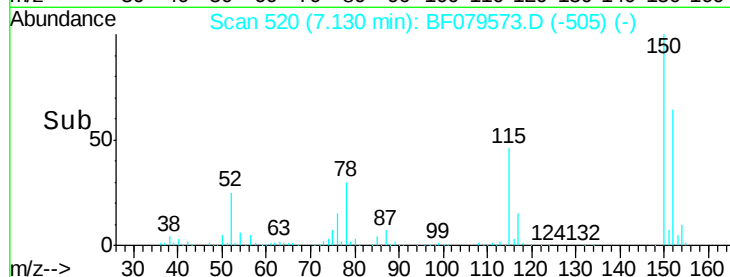
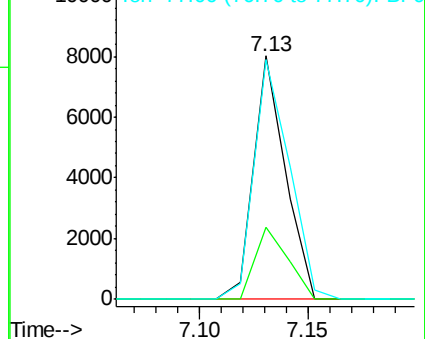
77 98.6 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

Tgt Ion: 136 Resp: 282451

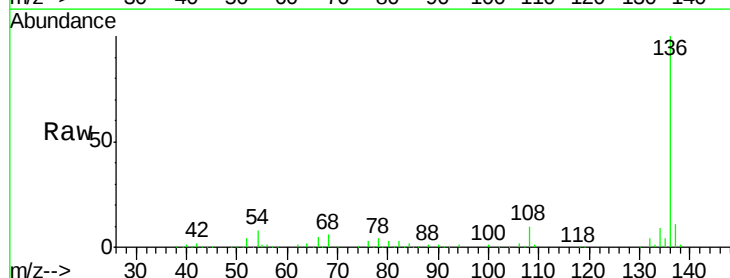
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.3 6.6 9.8

68 6.5 4.7 7.1

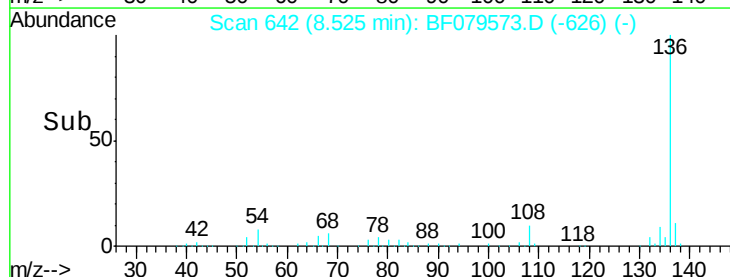
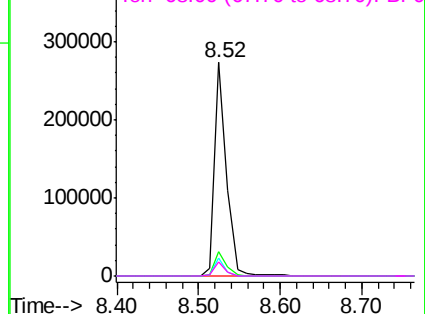


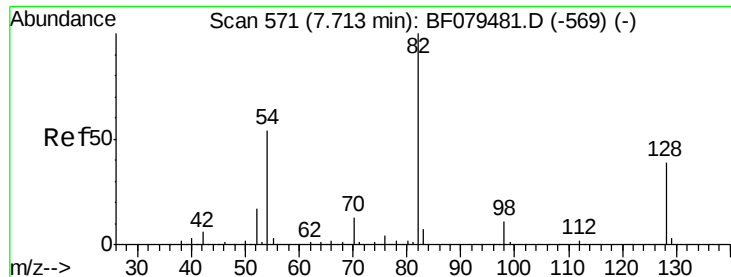
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

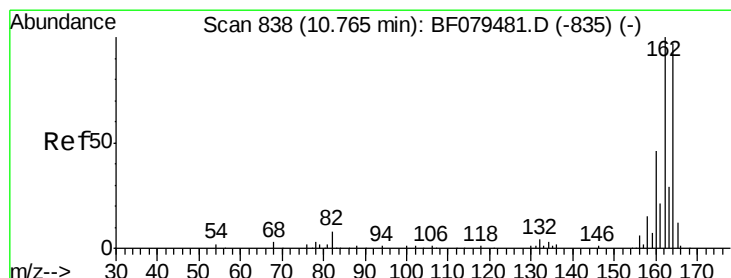
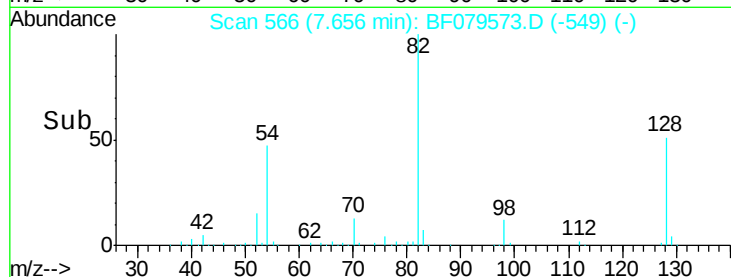
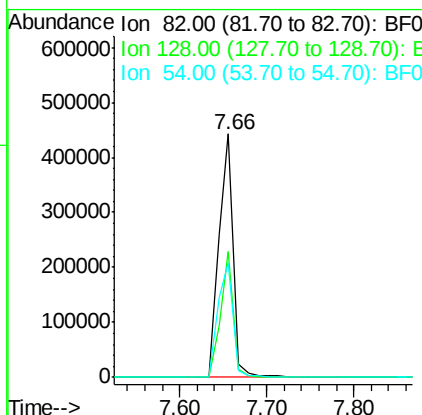
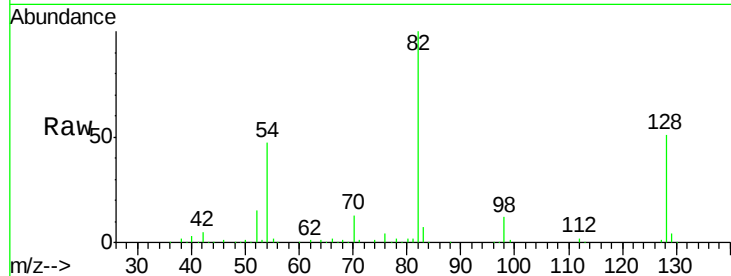




#23
 Nitrobenzene-d5
 Concen: 105.56 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079573.D
 Acq: 29 May 2015 21:33

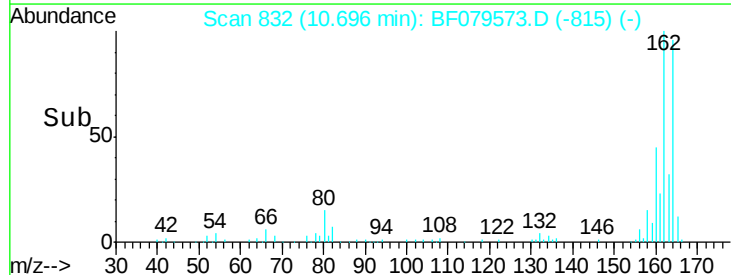
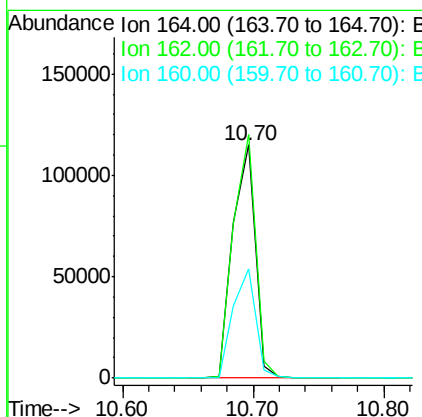
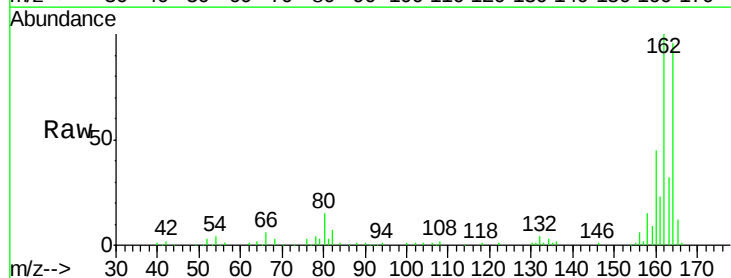
Instrument :
 BNA_F
 ClientSampleId :
 FB-5-27-15

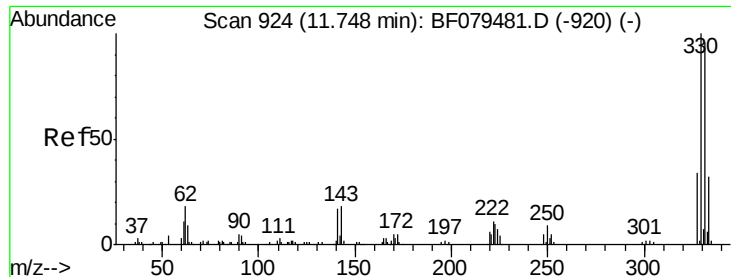
Tgt Ion: 82 Resp: 515798
 Ion Ratio Lower Upper
 82 100
 128 51.5 30.8 46.2#
 54 46.8 42.8 64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079573.D
 Acq: 29 May 2015 21:33

Tgt Ion: 164 Resp: 136827
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 124.0
 160 47.0 37.7 56.5

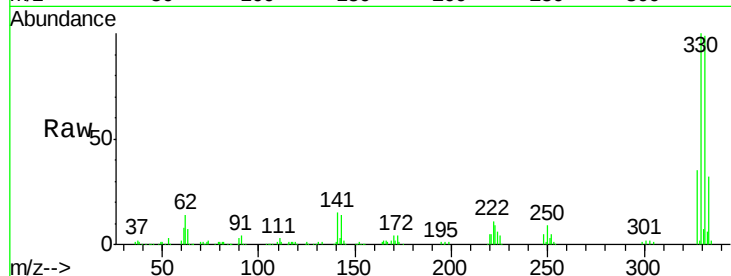




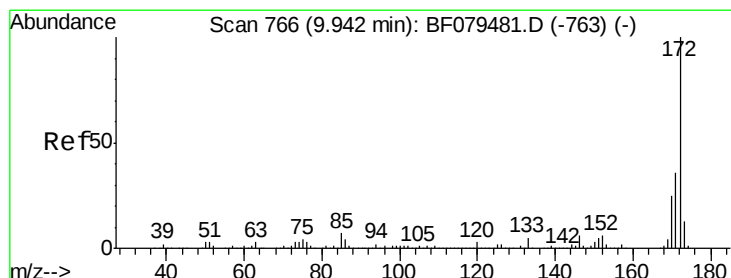
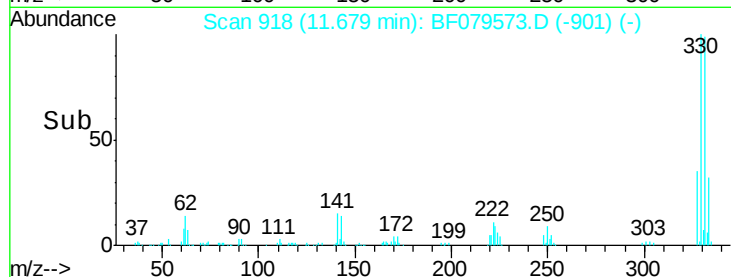
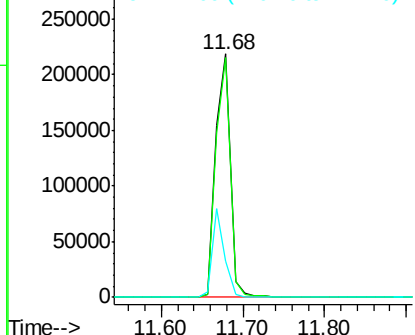
#41
 2,4,6-Tribromophenol
 Concen: 182.10 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079573.D
 Acq: 29 May 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FB-5-27-15

Tgt Ion:330 Resp: 273674
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 30.6 0.0 0.0#

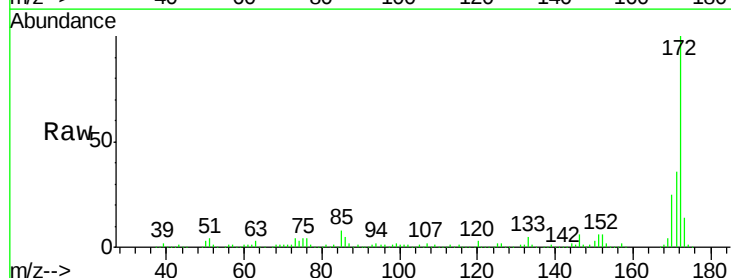


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

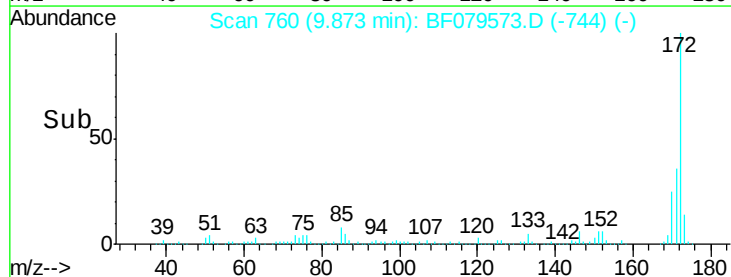
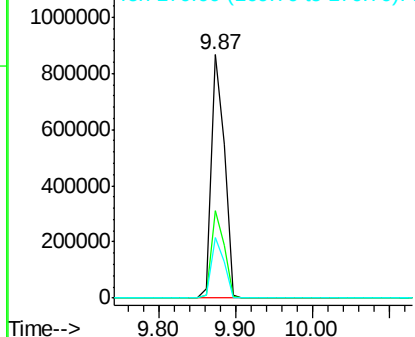


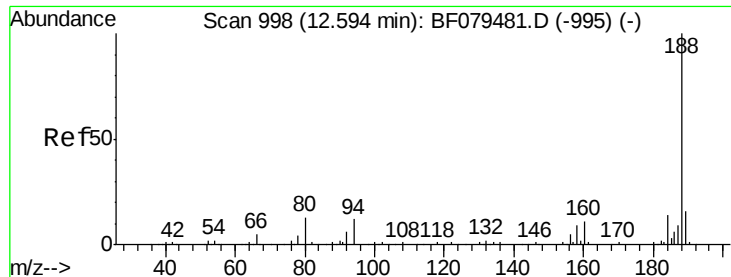
#44
 2-Fluorobiphenyl
 Concen: 105.33 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079573.D
 Acq: 29 May 2015 21:33

Tgt Ion:172 Resp: 1010162
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.7 19.7 29.5



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

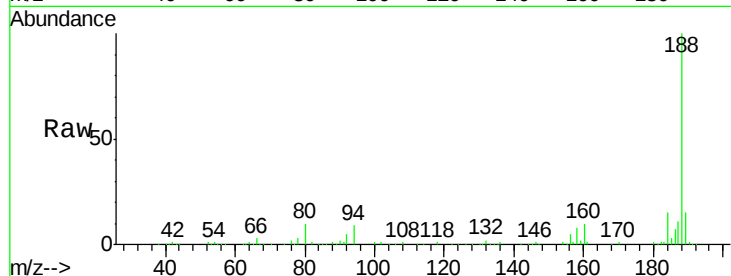




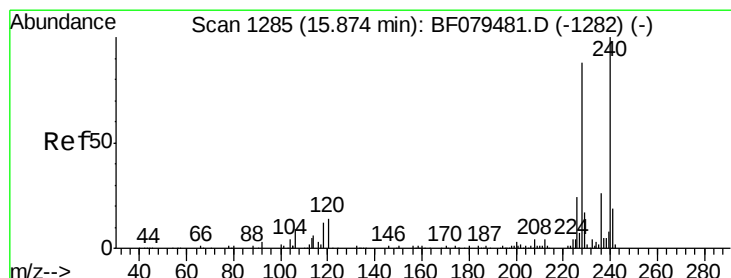
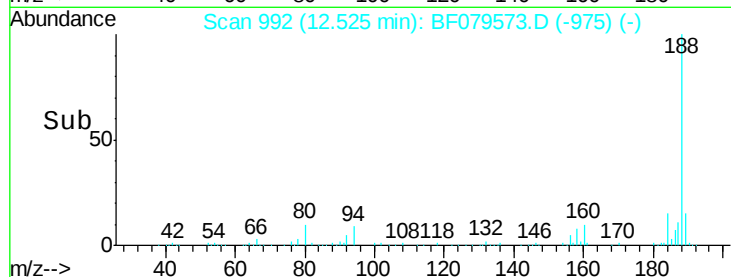
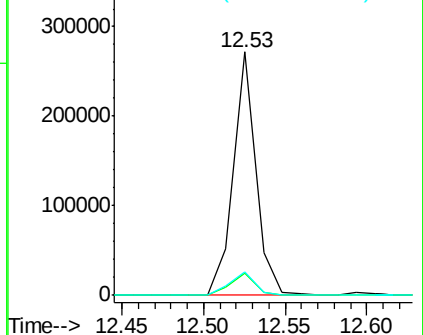
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079573.D
 Acq: 29 May 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FB-5-27-15

Tgt Ion:188 Resp: 258593
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.8 14.6#
 80 9.9 10.5 15.7#

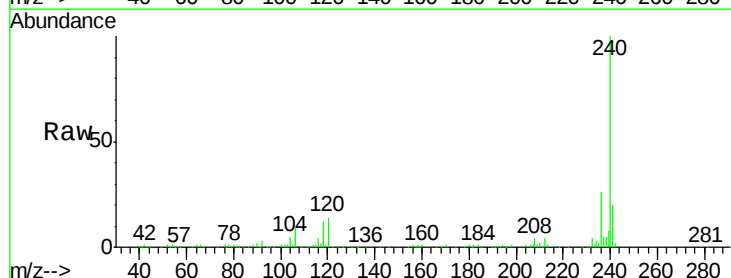


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

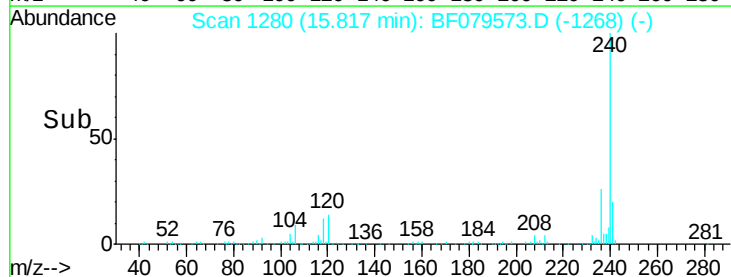
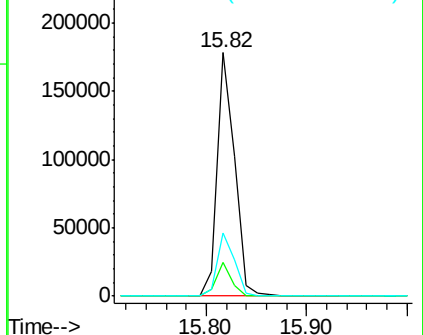


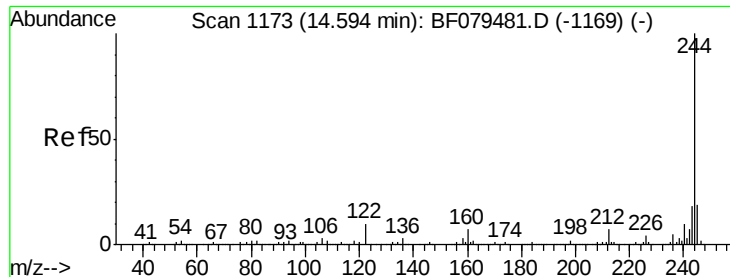
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.82 min Scan# 1280
 Delta R.T. -0.06 min
 Lab File: BF079573.D
 Acq: 29 May 2015 21:33

Tgt Ion:240 Resp: 214093
 Ion Ratio Lower Upper
 240 100
 120 13.7 10.8 16.2
 236 26.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 118.05 ng

RT: 14.53 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

Instrument :

BNA_F

ClientSampled :

FB-5-27-15

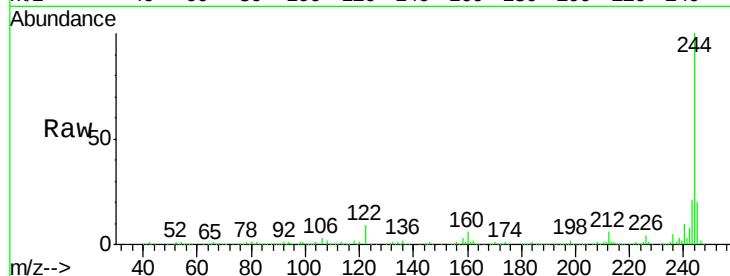
Tgt Ion:244 Resp: 1076882

Ion Ratio Lower Upper

244 100

212 6.3 5.2 7.8

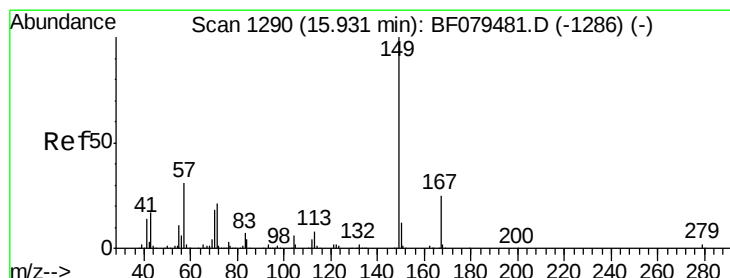
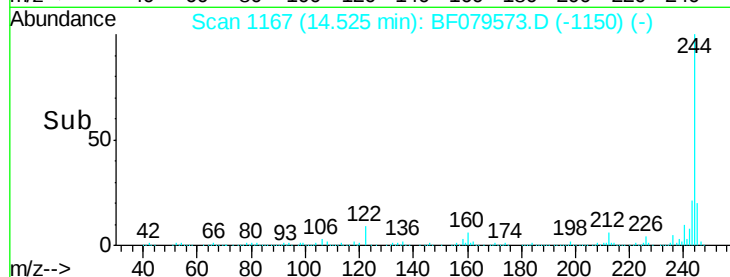
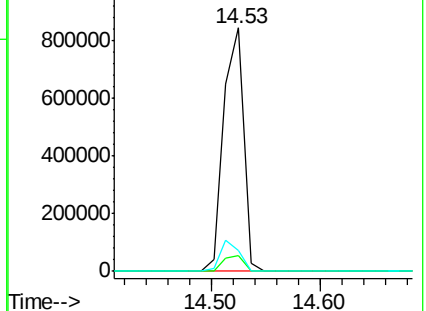
122 8.6 8.0 12.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.27 ng

RT: 15.89 min Scan# 1286

Delta R.T. -0.07 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

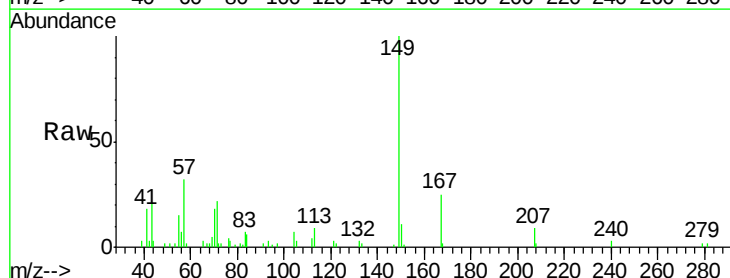
Tgt Ion:149 Resp: 27936

Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.4

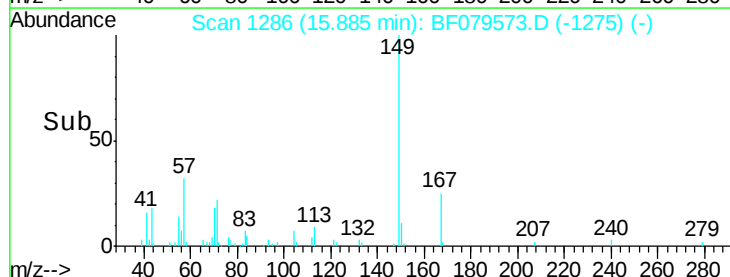
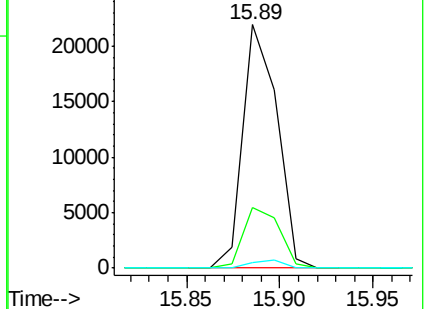
279 2.3 2.0 3.0

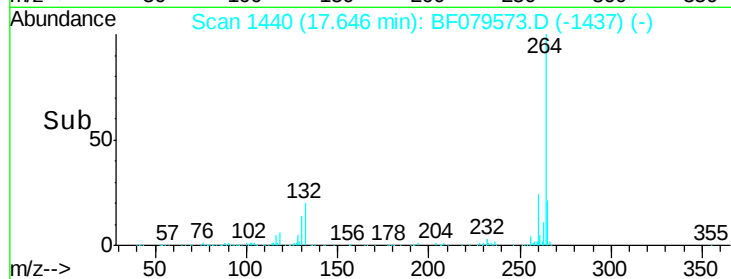
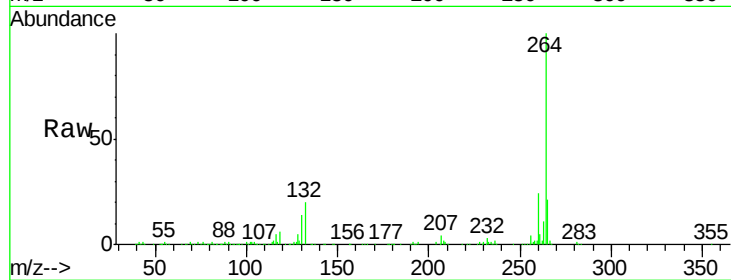
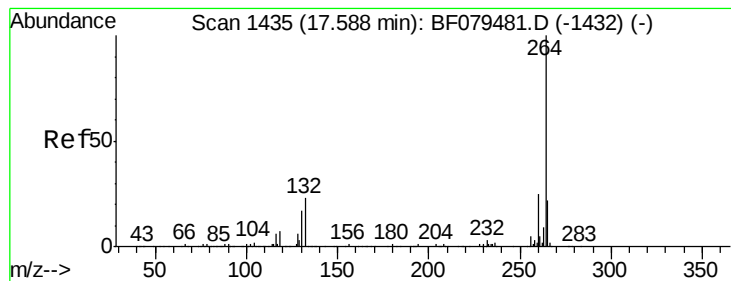


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.65 min Scan# 1440

Delta R.T. -0.16 min

Lab File: BF079573.D

Acq: 29 May 2015 21:33

Instrument :

BNA_F

ClientSampleId :

FB-5-27-15

Tgt Ion: 264 Resp: 206681

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 20.6 17.8 26.6

