

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077093.D
 Acq On : 27 Jan 2015 19:55
 Operator : TP/IZ
 Sample : G1137-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 04:28:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 02:59:18 2015
 Response via : Initial Calibration

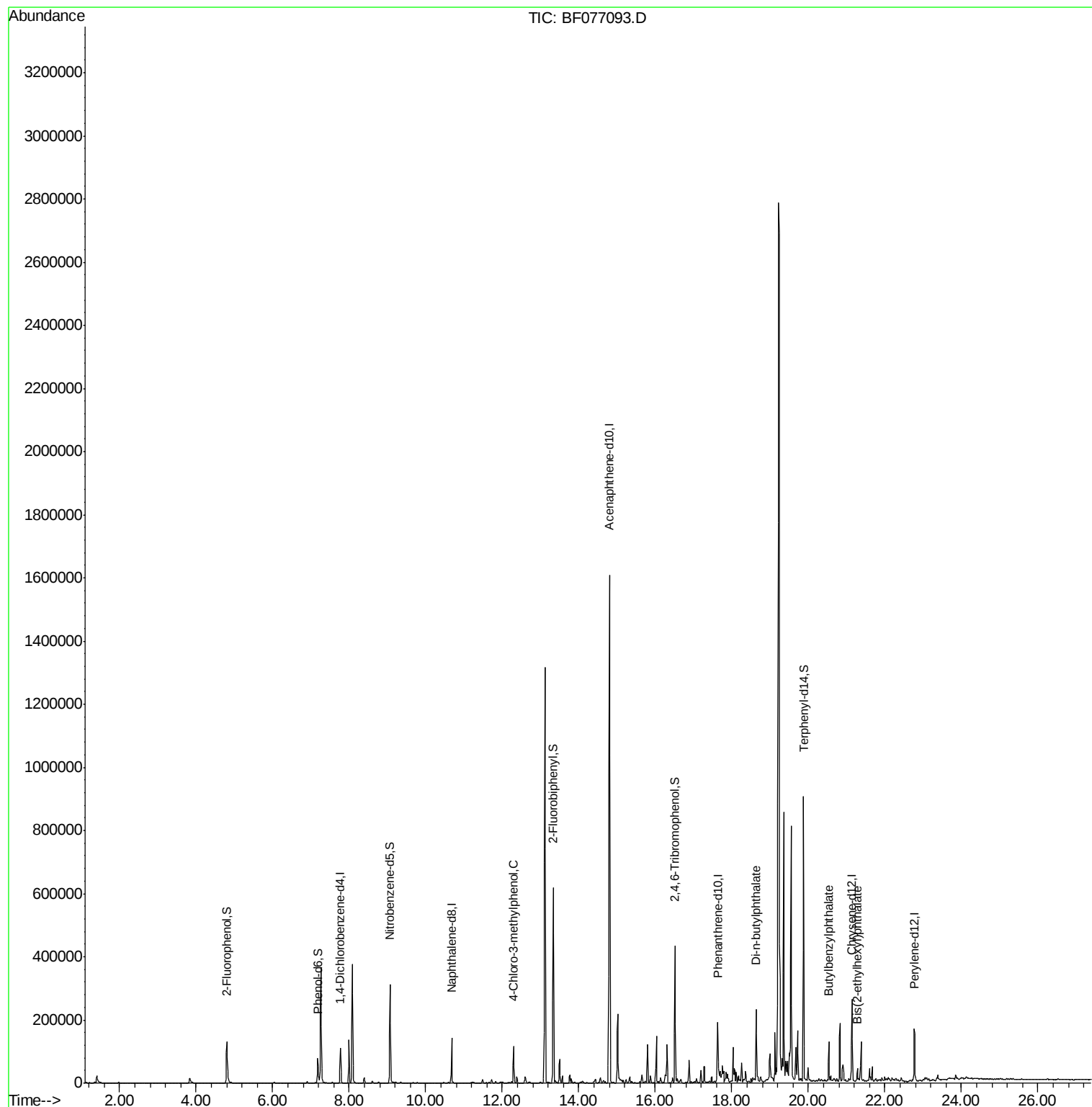
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	28013	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	119173	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	59806	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	108483	20.00	ng	0.00
75) Chrysene-d12	21.13	240	99202	20.00	ng	-0.02
86) Perylene-d12	22.78	264	93849	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	78122	45.85	ng	0.00
7) Phenol-d6	7.18	99	54909	25.55	ng	0.00
23) Nitrobenzene-d5	9.06	82	166550	77.43	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	57924	119.32	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	344439	87.65	ng	0.00
78) Terphenyl-d14	19.88	244	328443	76.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.90	77	226	Below Cal	#	1
36) 4-Chloro-3-methylphenol	12.30	107	24395	13.49	ng	# 19
73) Di-n-butylphthalate	18.63	149	159646	21.55	ng	# 98
79) Butylbenzylphthalate	20.54	149	36177	11.75	ng	94
83) Bis(2-ethylhexyl)phthalate	21.28	149	12559	2.95	ng	# 88

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

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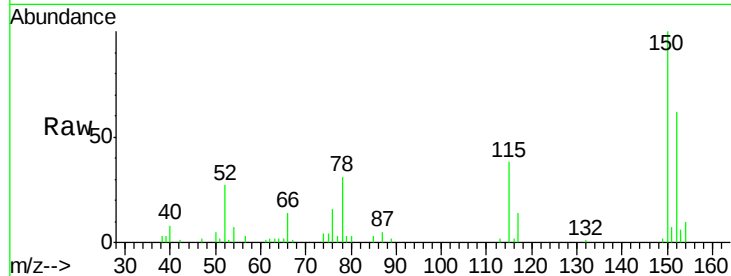


#1

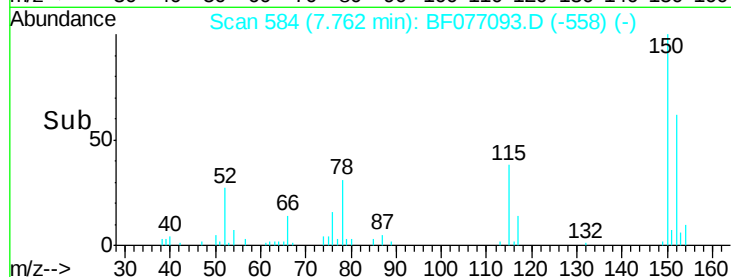
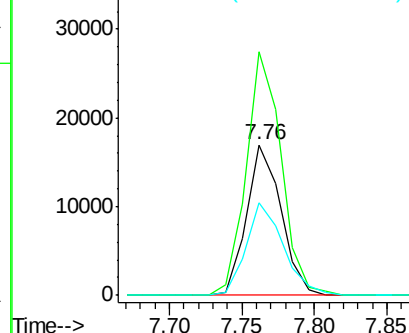
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077093.D
Acq: 27 Jan 2015 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28013
Ion Ratio Lower Upper
152 100
150 161.5 121.7 182.5
115 61.6 47.0 70.6



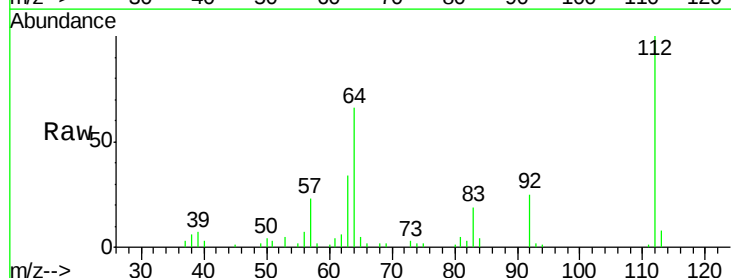
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



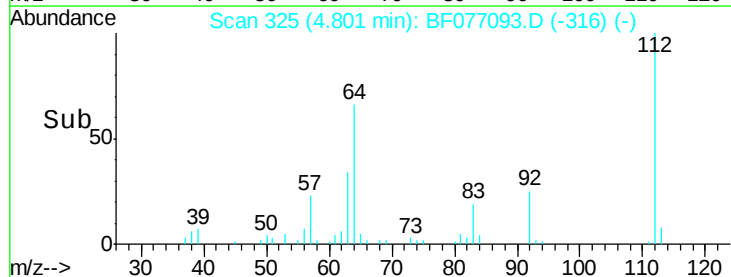
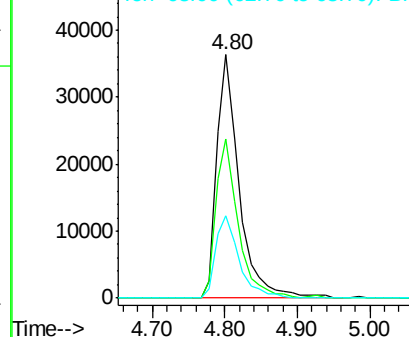
#5

2-Fluorophenol
Concen: 45.85 ng
RT: 4.80 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF077093.D
Acq: 27 Jan 2015 19:55

Tgt Ion:112 Resp: 78122
Ion Ratio Lower Upper
112 100
64 65.6 54.2 81.4
63 33.7 28.4 42.6



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: 25.55 ng

RT: 7.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF077093.D

Acq: 27 Jan 2015 19:55

Instrument :

BNA_F

ClientSampleId :

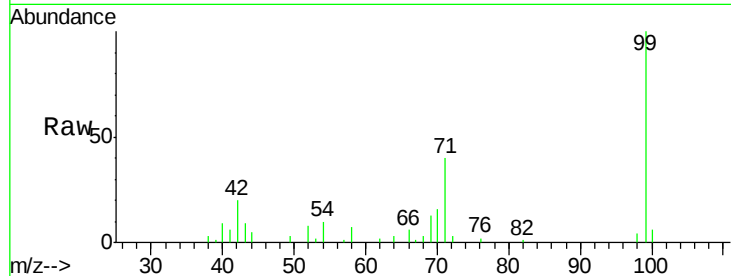
Tot Ion: 99 Resp: 54909

Ion Ratio Lower Upper

99 100

42 19.9 15.0 22.4

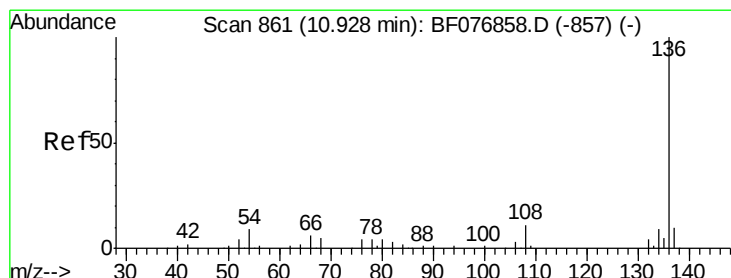
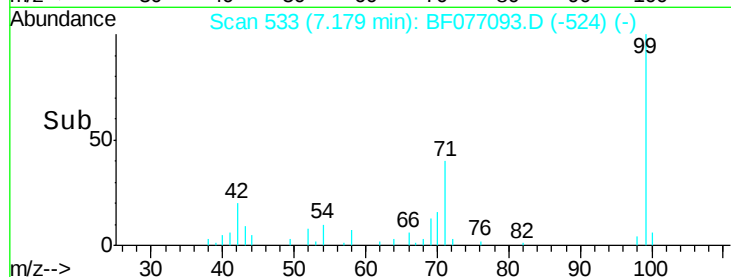
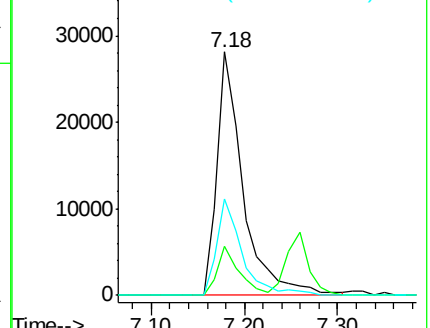
71 39.5 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077093.D

Acq: 27 Jan 2015 19:55

Tgt Ion: 136 Resp: 119173

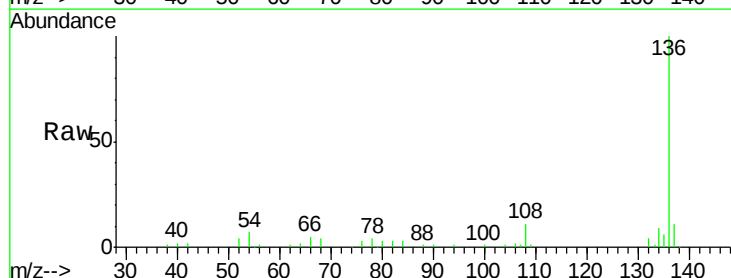
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 6.6 7.0 10.4

68 4.1 3.7 5.5

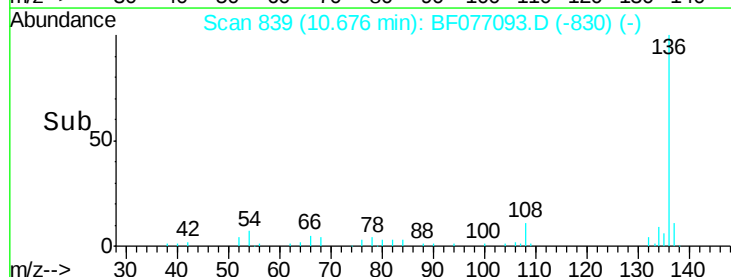
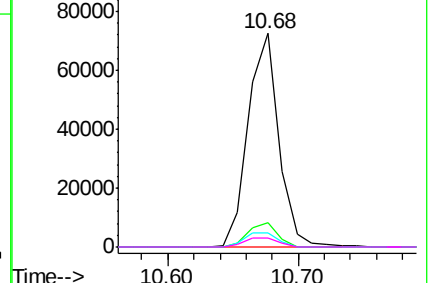


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

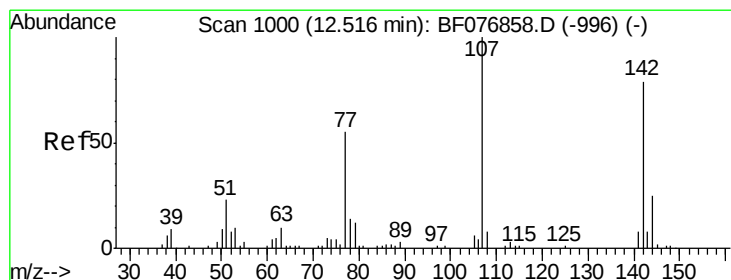
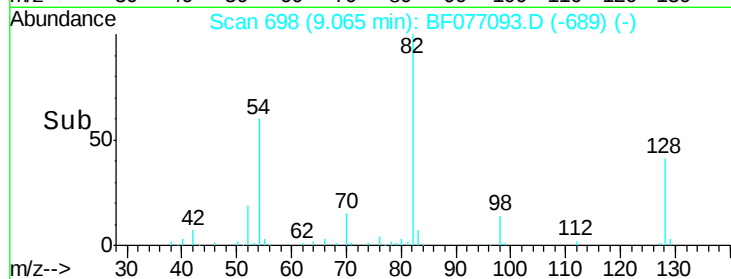
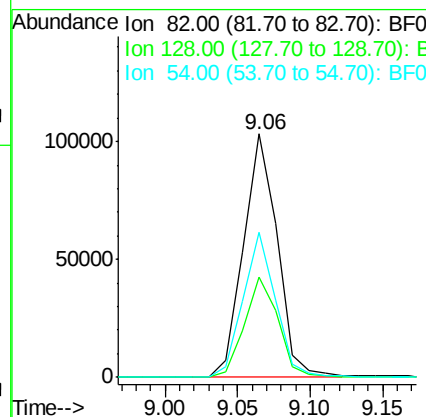
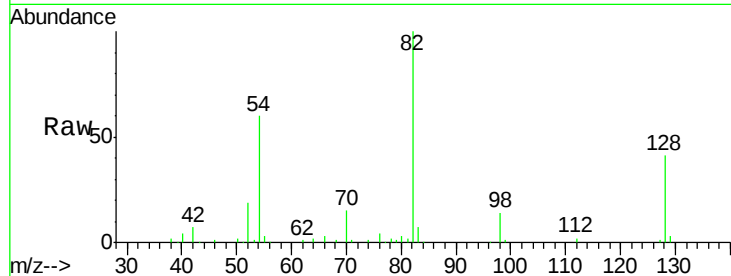




#23
 Nitrobenzene-d5
 Concen: 77.43 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF077093.D
 Acq: 27 Jan 2015 19:55

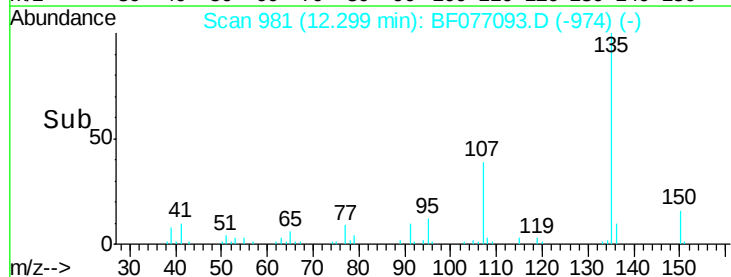
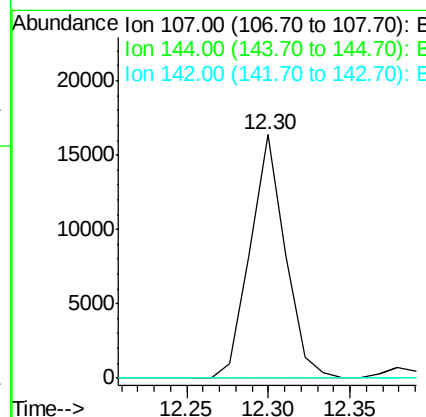
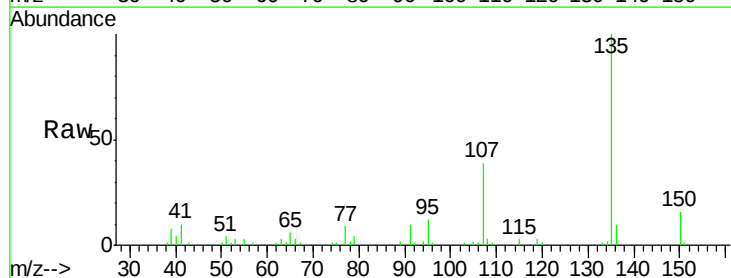
Instrument :
 BNA_F
 ClientSampleId :

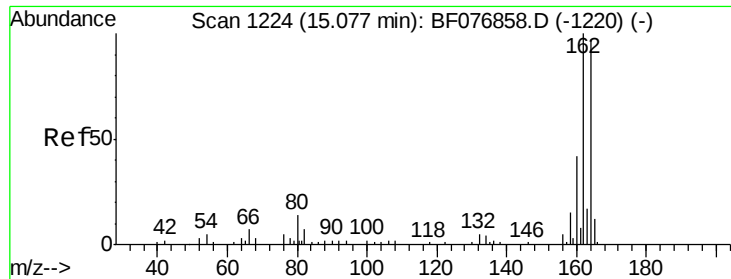
Tot Ion	82	Resp	166550
Ion Ratio	100	Lower	Upper
128	41.3	33.1	49.7
54	59.5	48.3	72.5



#36
 4-Chloro-3-methylphenol
 Concen: 13.49 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF077093.D
 Acq: 27 Jan 2015 19:55

Tgt Ion	107	Resp	24395
Ion Ratio	100	Lower	Upper
144	0.0	20.0	30.0#
142	0.0	63.5	95.3#

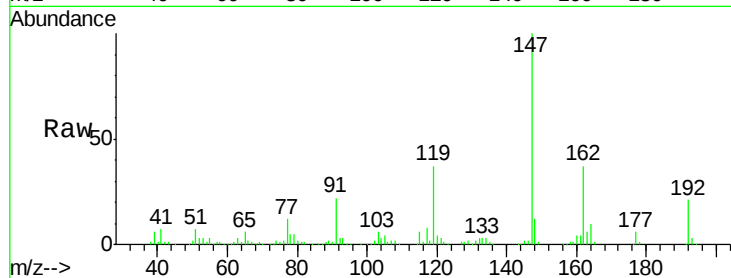




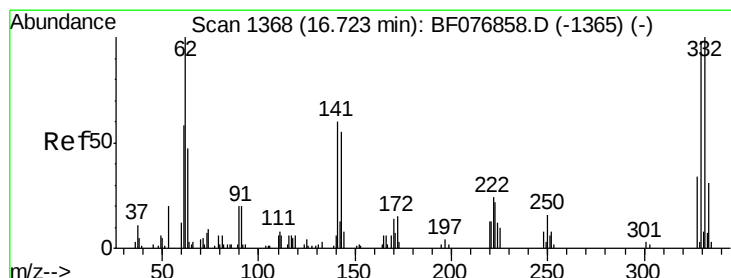
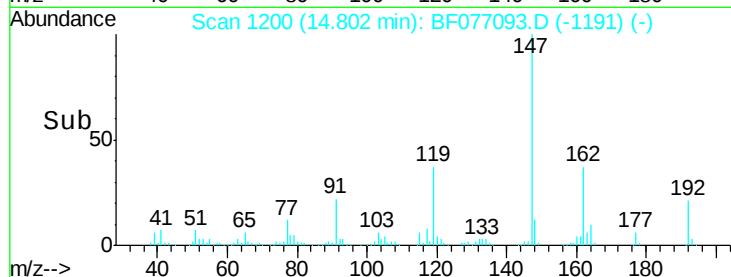
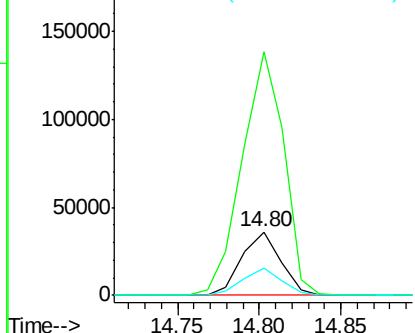
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077093.D
Acq: 27 Jan 2015 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 59806
Ion Ratio Lower Upper
164 100
162 385.1 82.4 123.6#
160 43.0 34.8 52.2

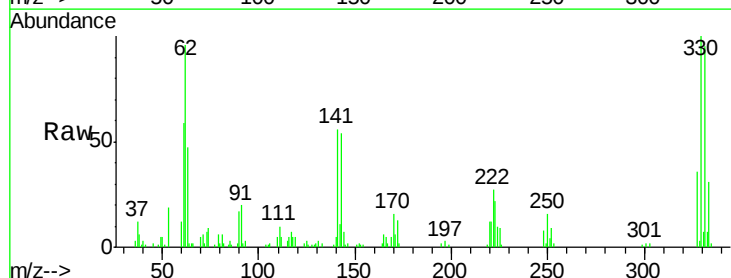


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

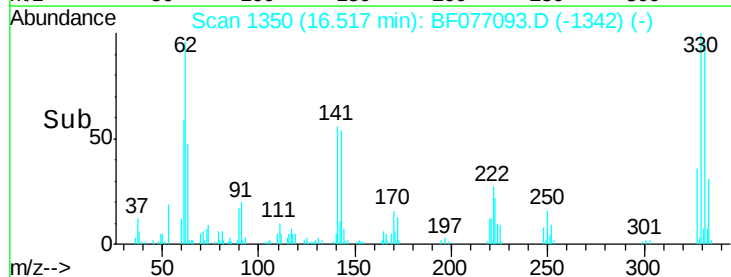
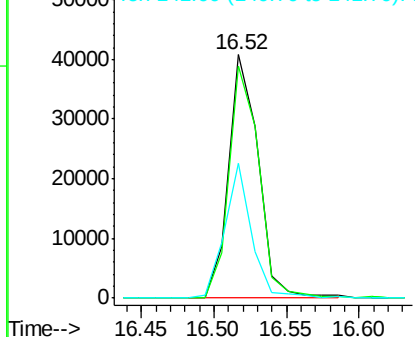


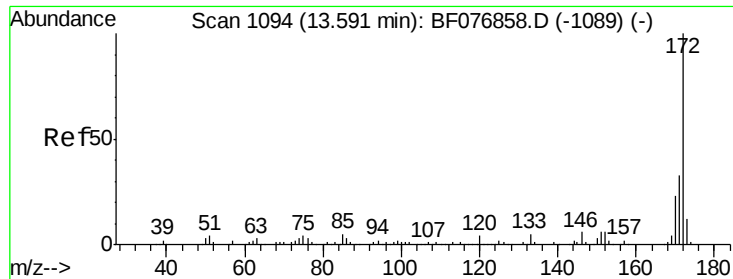
#41
2,4,6-Tribromophenol
Concen: 119.32 ng
RT: 16.52 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF077093.D
Acq: 27 Jan 2015 19:55

Tgt Ion:330 Resp: 57924
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 50.3 38.5 57.7



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

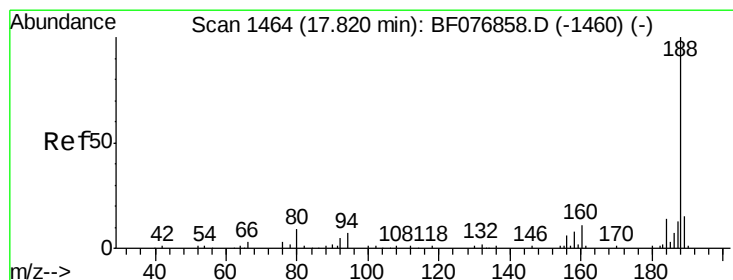
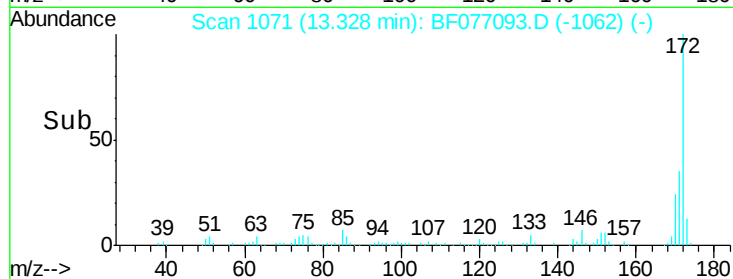
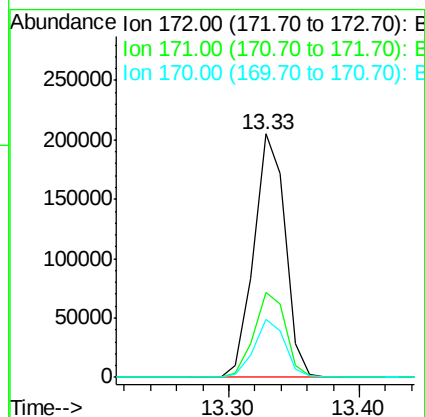
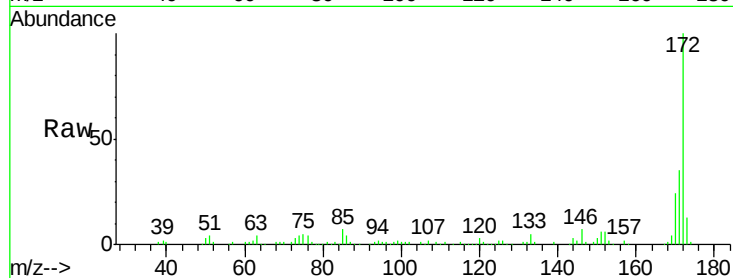




#44
 2-Fluorobiphenyl
 Concen: 87.65 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077093.D
 Acq: 27 Jan 2015 19:55

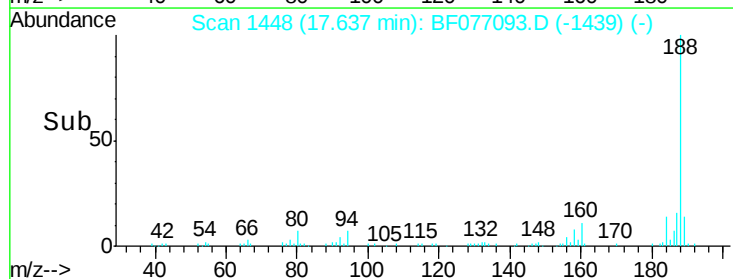
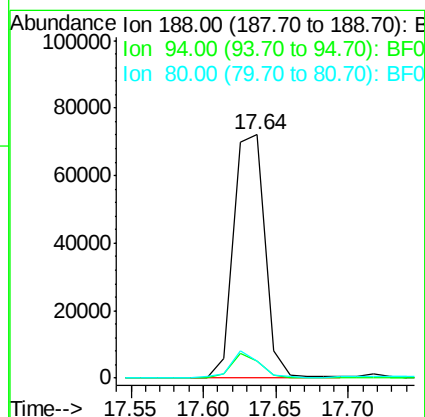
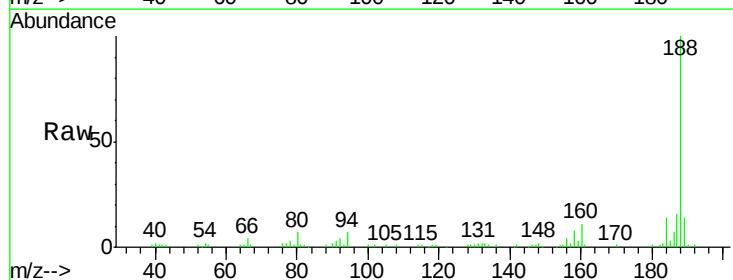
Instrument :
 BNA_F
 ClientSampled :

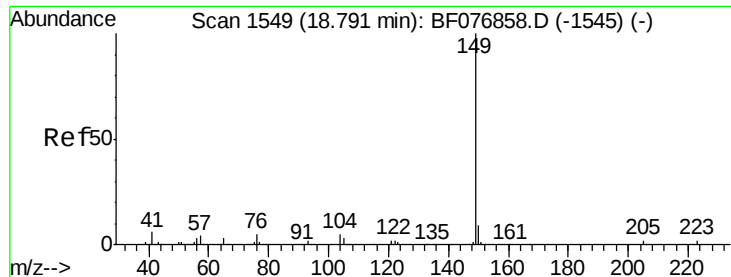
Tot Ion:172 Resp: 344439
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.6 40.0
 170 24.0 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF077093.D
 Acq: 27 Jan 2015 19:55

Tgt Ion:188 Resp: 108483
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.0 9.0
 80 6.8 6.9 10.3#





#73

Di-n-butylphthalate

Concen: 21.55 ng

RT: 18.63 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF077093.D

Acq: 27 Jan 2015 19:55

Instrument :

BNA_F

ClientSampleId :

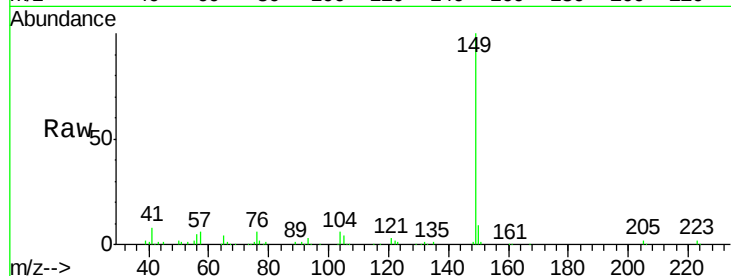
Tot Ion:149 Resp: 159646

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

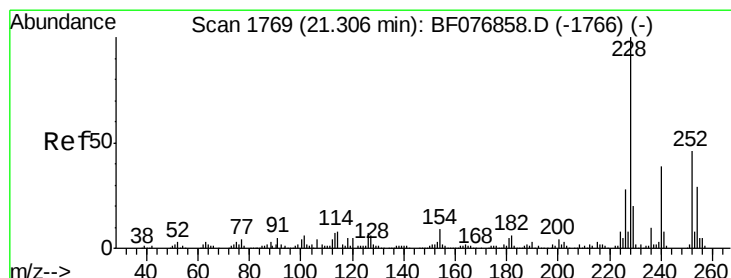
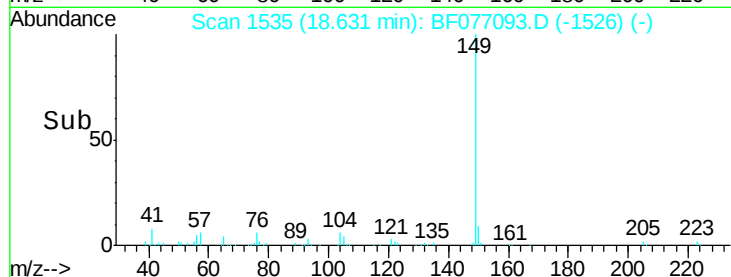
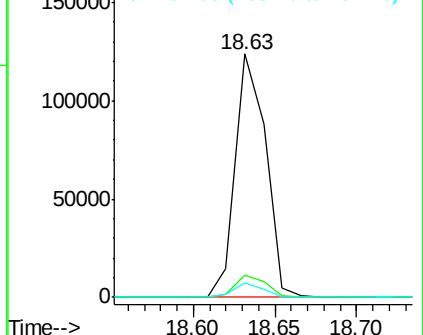
104 5.7 3.7 5.5#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.13 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF077093.D

Acq: 27 Jan 2015 19:55

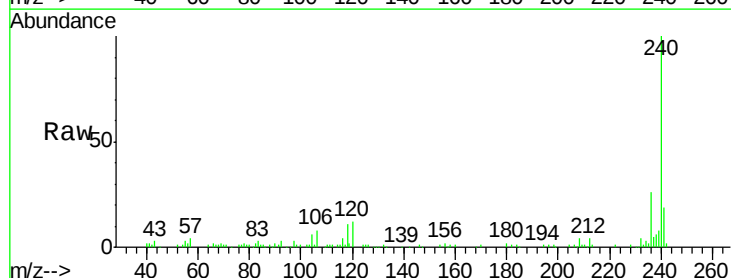
Tgt Ion:240 Resp: 99202

Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

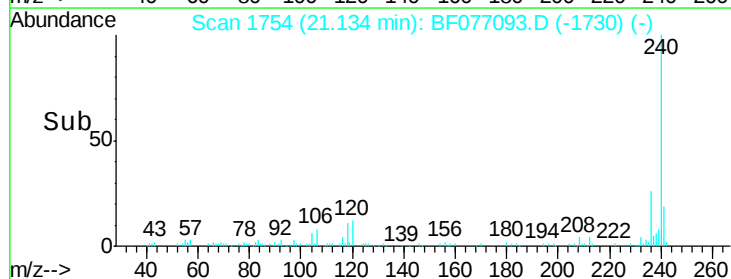
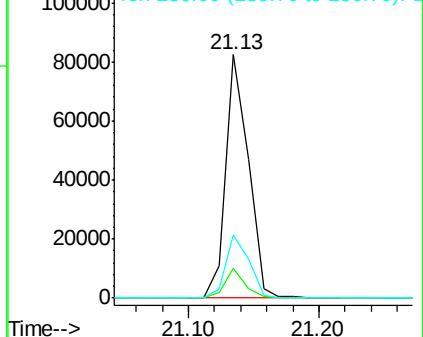
236 26.1 20.2 30.2

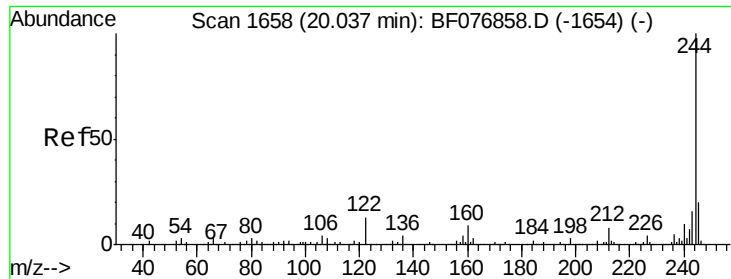


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.22 ng

RT: 19.88 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BF077093.D

Acq: 27 Jan 2015 19:55

Instrument :

BNA_F

ClientSampleId :

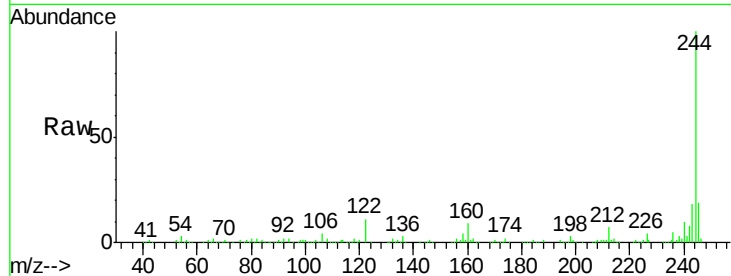
Tot Ion:244 Resp: 328443

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

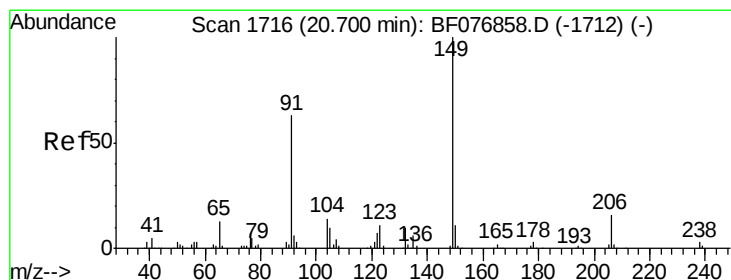
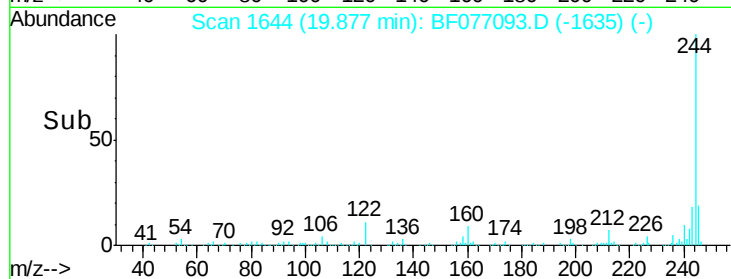
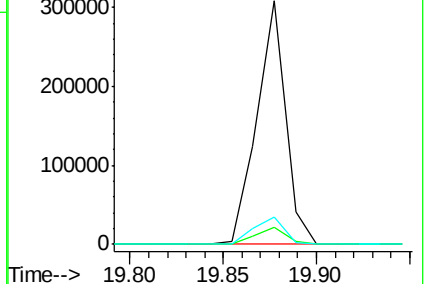
122 11.4 10.1 15.1



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: 11.75 ng

RT: 20.54 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BF077093.D

Acq: 27 Jan 2015 19:55

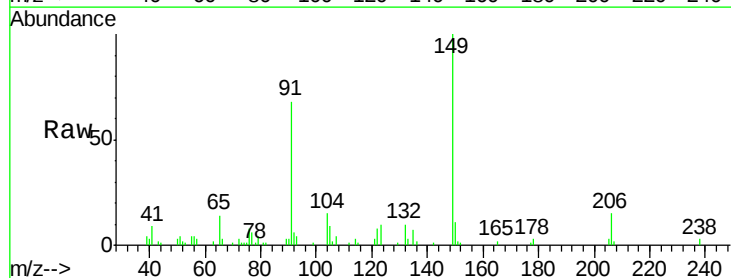
Tgt Ion:149 Resp: 36177

Ion Ratio Lower Upper

149 100

91 68.3 50.6 76.0

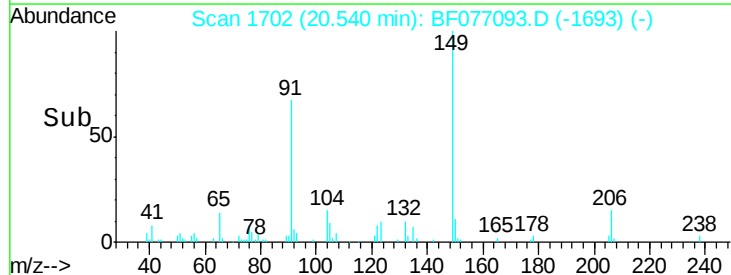
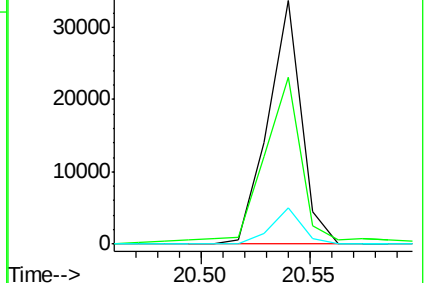
206 15.0 12.8 19.2

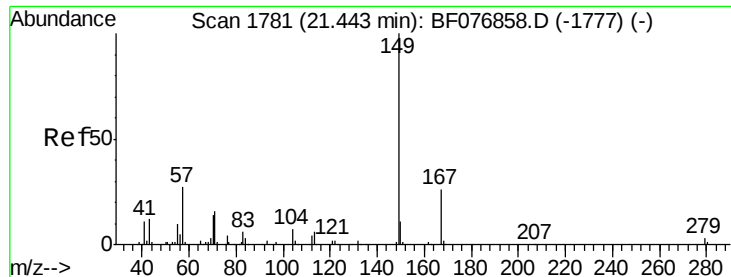


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

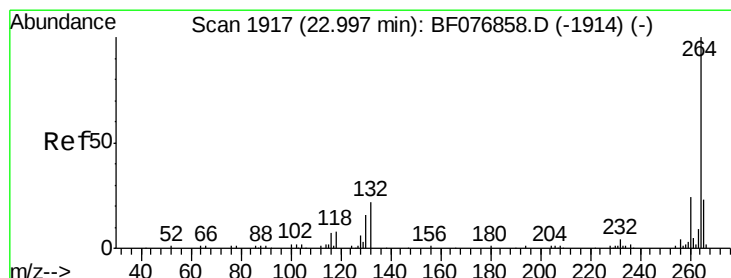
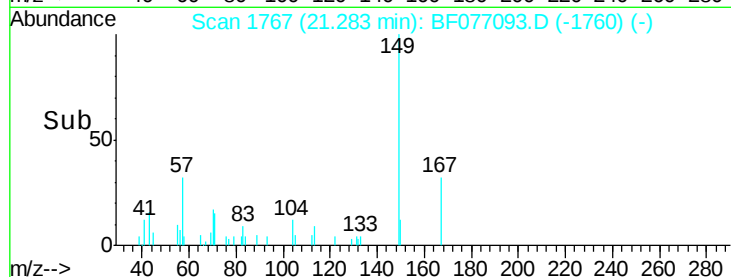
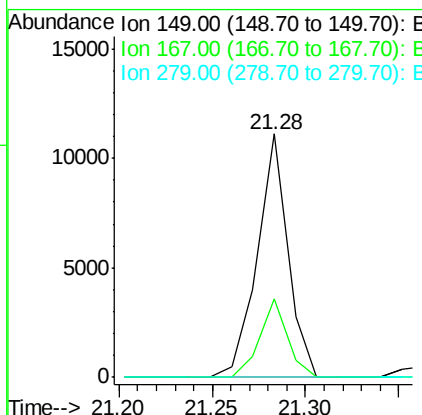
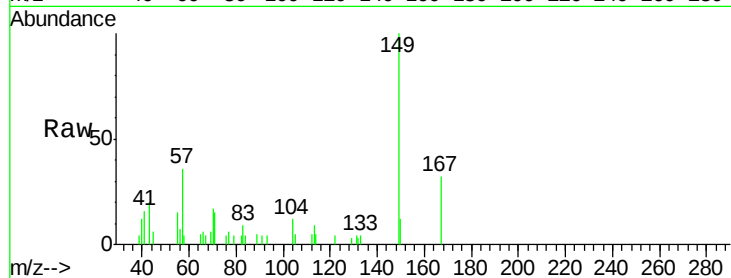




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.95 ng
 RT: 21.28 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BF077093.D
 Acq: 27 Jan 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 12559
 Ion Ratio Lower Upper
 149 100
 167 32.1 20.6 30.8#
 279 0.0 2.2 3.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. -0.18 min
 Lab File: BF077093.D
 Acq: 27 Jan 2015 19:55

Tgt Ion:264 Resp: 93849
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.4
 265 20.6 18.1 27.1

