

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077027.D
 Acq On : 23 Jan 2015 2:17
 Operator : TP/IZ
 Sample : G1120-01
 Misc : S
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 03:01:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 01:19:05 2015
 Response via : Initial Calibration

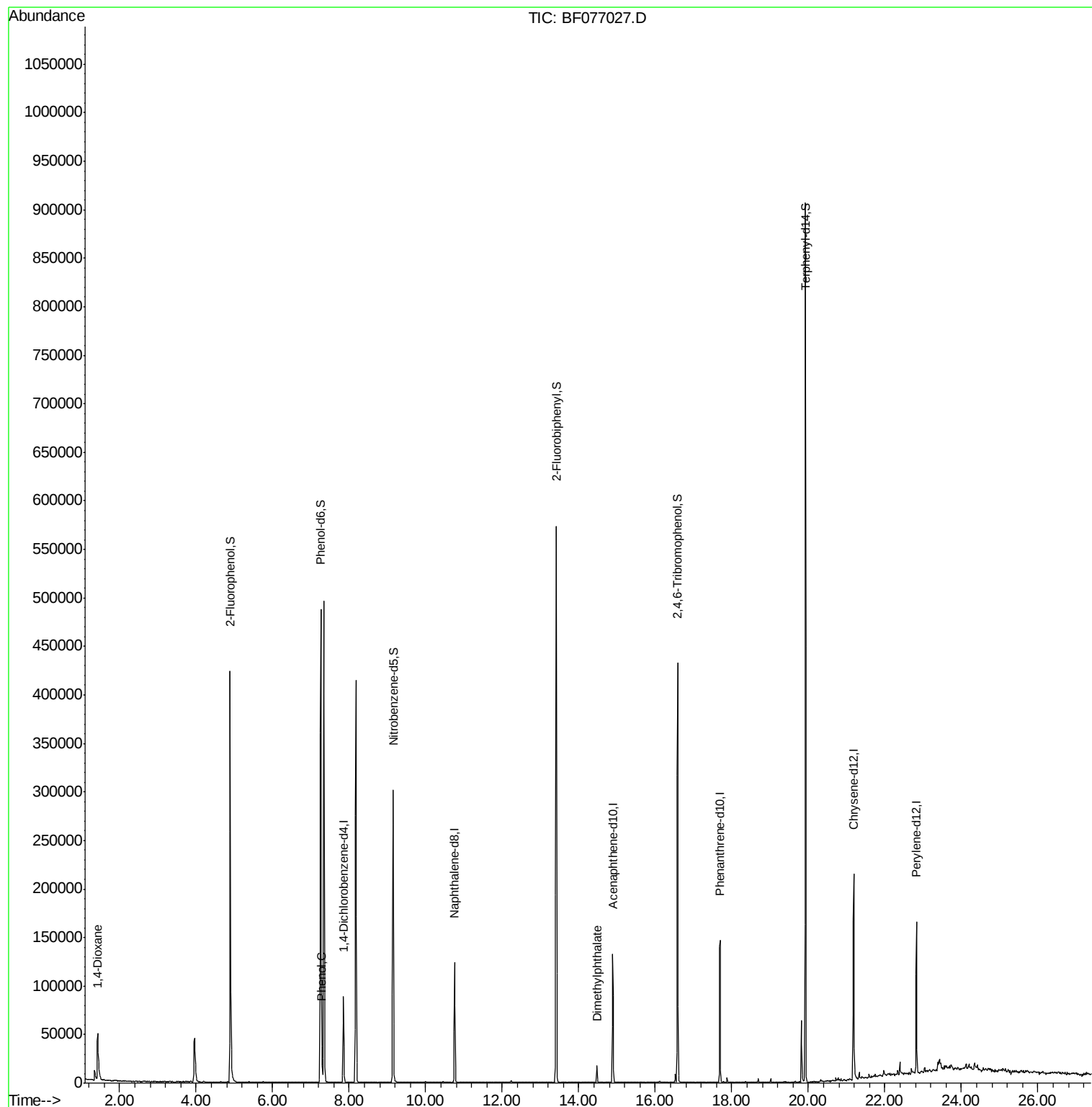
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23584	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	100077	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	52211	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	88747	20.00	ng	0.00
75) Chrysene-d12	21.19	240	84033	20.00	ng	0.00
86) Perylene-d12	22.83	264	76920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	220810	153.94	ng	0.00
7) Phenol-d6	7.26	99	287847	159.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	174244	96.46	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	64644	152.53	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	352904	102.86	ng	0.00
78) Terphenyl-d14	19.92	244	360910	98.88	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.43	88	2374	3.87	ng	# 12
10) Phenol	7.28	94	6815	3.55	ng	# 81
49) Dimethylphthalate	14.48	163	14844	4.01	ng	# 96

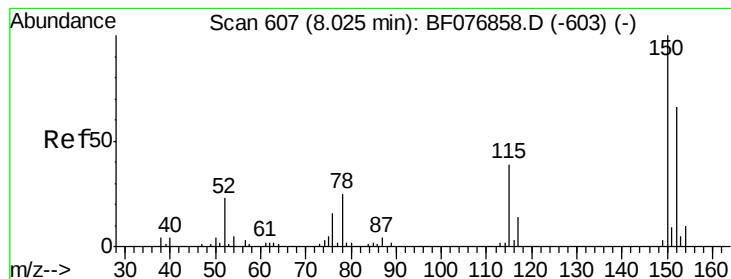
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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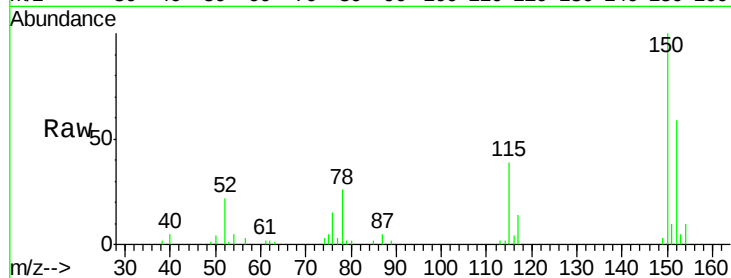


#1

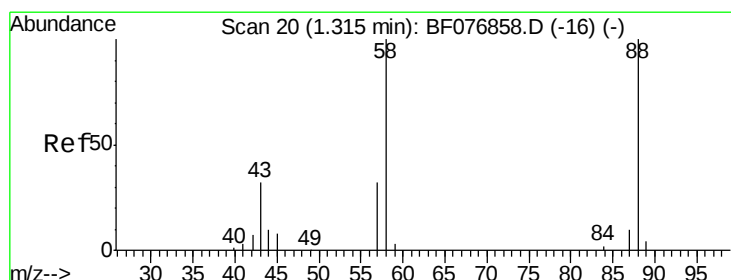
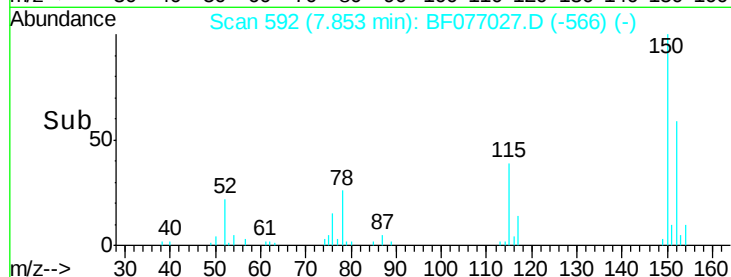
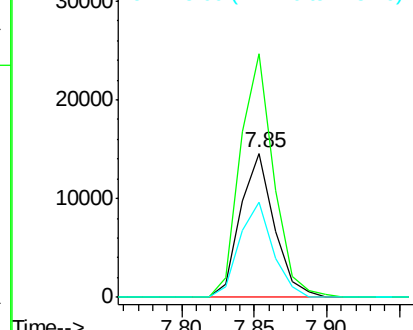
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 23584
Ion Ratio Lower Upper
152 100
150 169.2 121.7 182.5
115 66.3 47.0 70.6



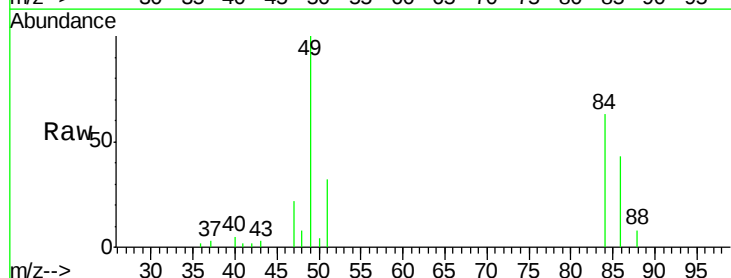
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



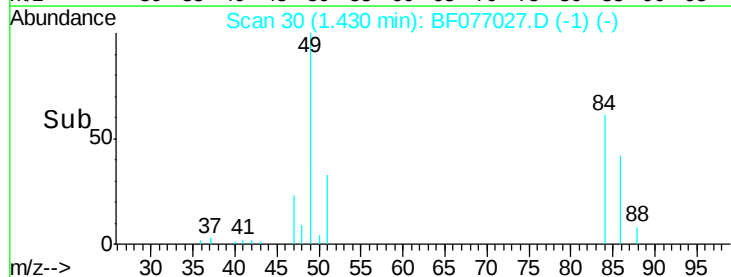
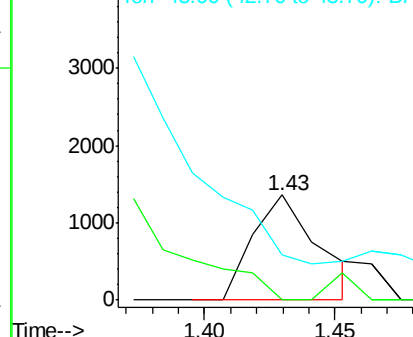
#2

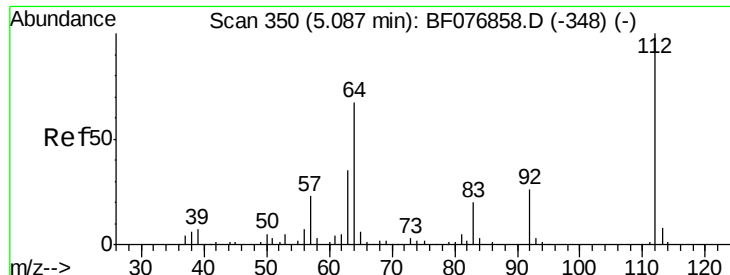
1,4-Dioxane
Concen: 3.87 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.23 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Tgt Ion: 88 Resp: 2374
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



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: 153.94 ng

RT: 4.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077027.D

Acq: 23 Jan 2015 2:17

Instrument :

BNA_F

ClientSampled :

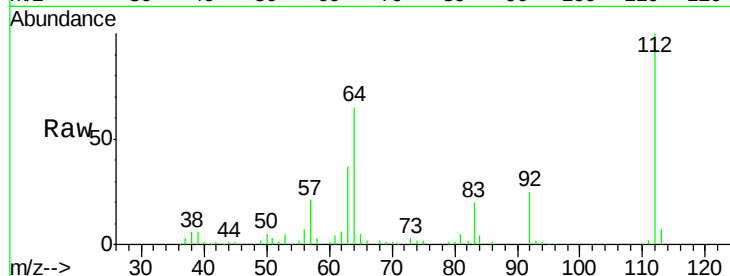
Tot Ion: 112 Resp: 220810

Ion Ratio Lower Upper

112 100

64 65.1 54.2 81.4

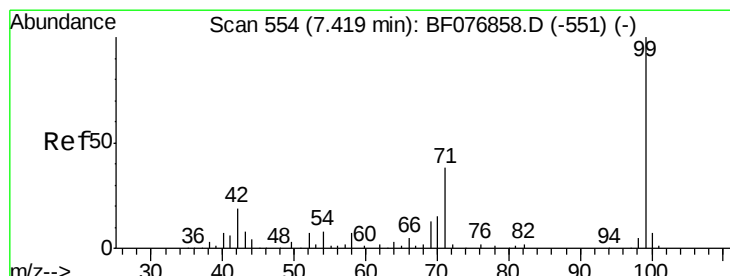
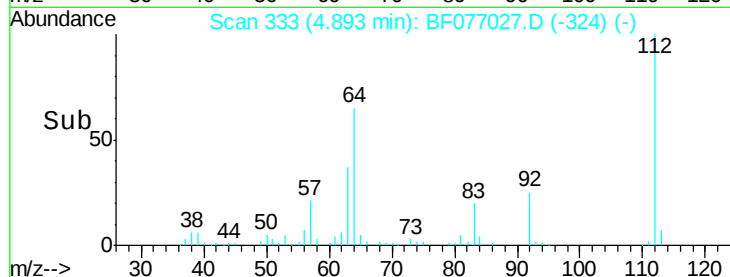
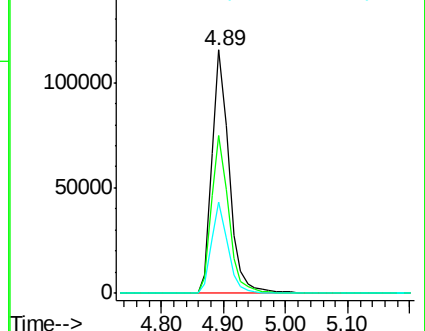
63 37.4 28.4 42.6



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: 159.07 ng

RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077027.D

Acq: 23 Jan 2015 2:17

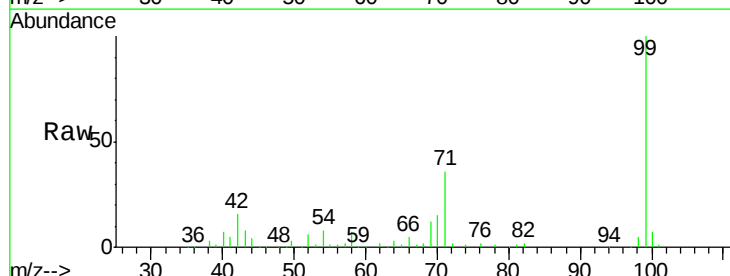
Tgt Ion: 99 Resp: 287847

Ion Ratio Lower Upper

99 100

42 16.4 15.0 22.4

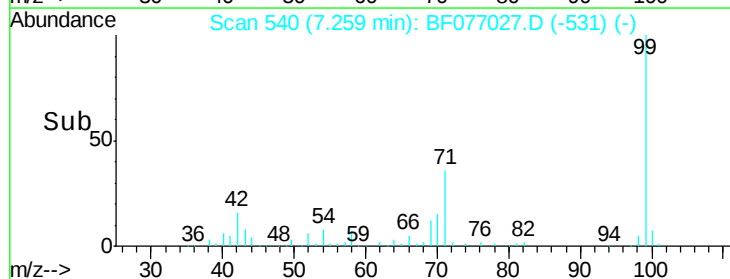
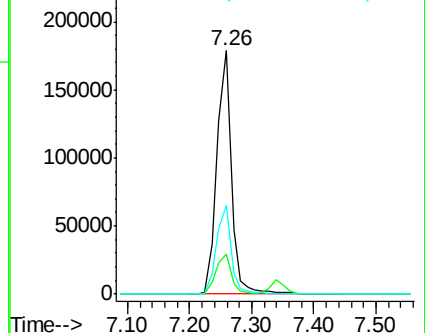
71 36.3 30.5 45.7

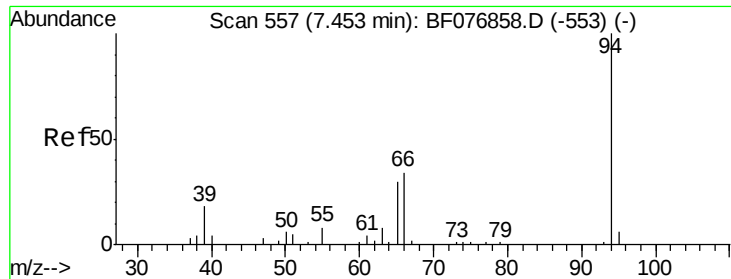


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

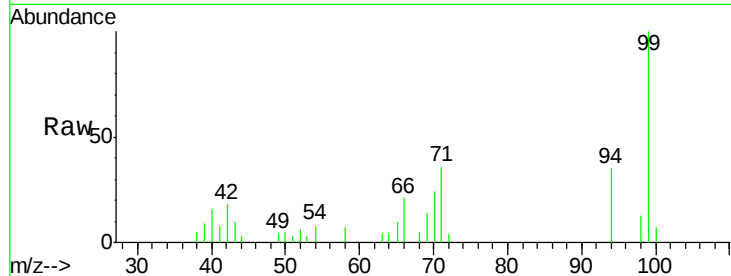




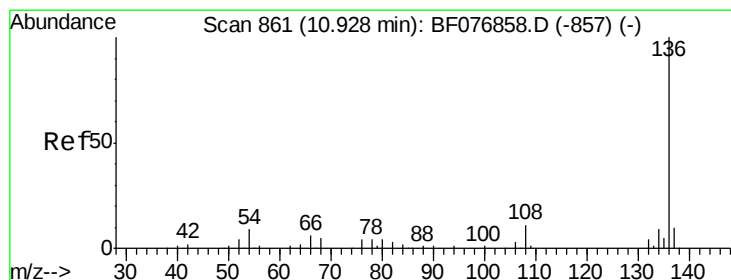
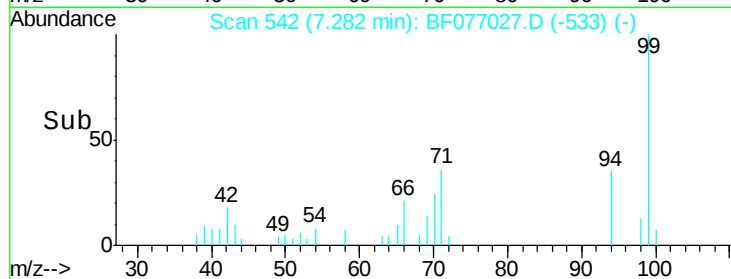
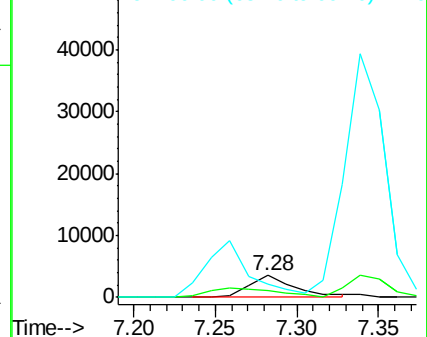
#10
Phenol
Concen: 3.55 ng
RT: 7.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 6815
Ion Ratio Lower Upper
94 100
65 30.1 11.3 51.3
66 59.7 19.5 59.5#

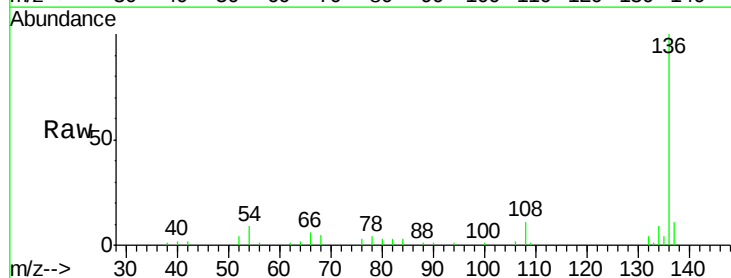


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

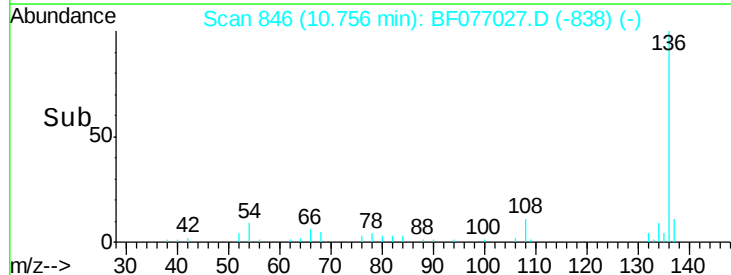
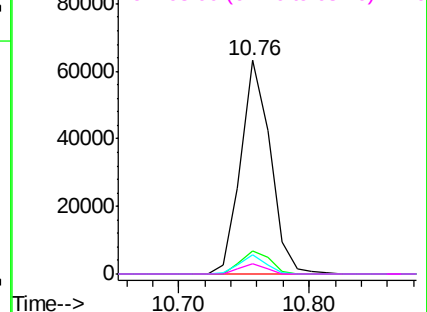


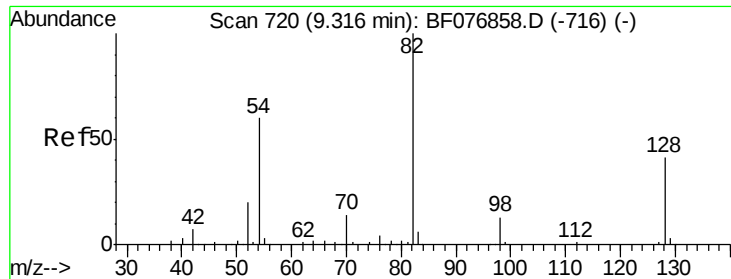
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Tgt Ion: 136 Resp: 100077
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.9 7.0 10.4
68 5.1 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

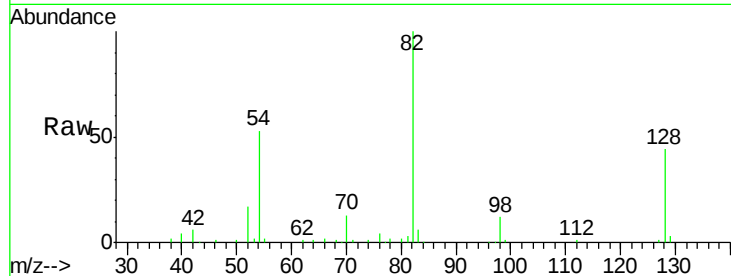




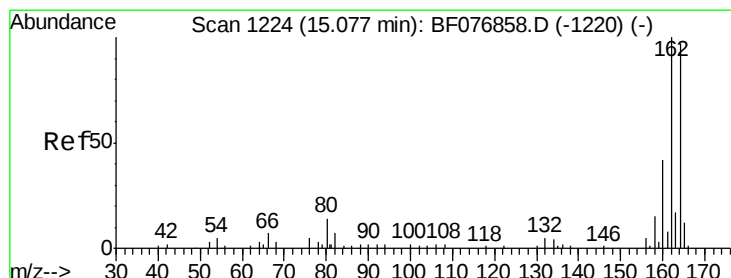
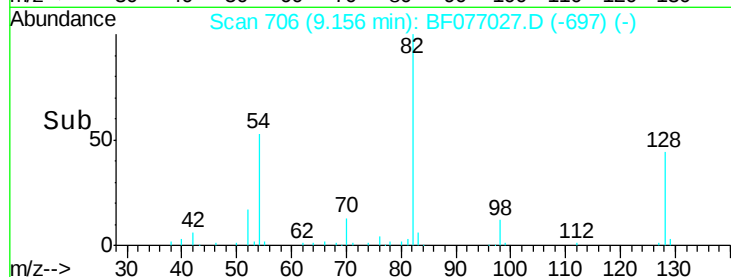
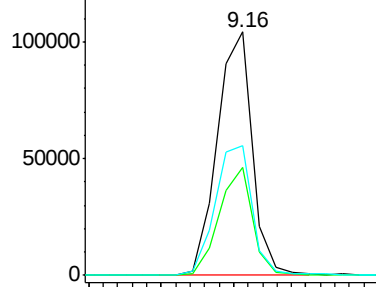
#23
Nitrobenzene-d5
Concen: 96.46 ng
RT: 9.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 174244
Ion Ratio Lower Upper
82 100
128 44.4 33.1 49.7
54 53.1 48.3 72.5

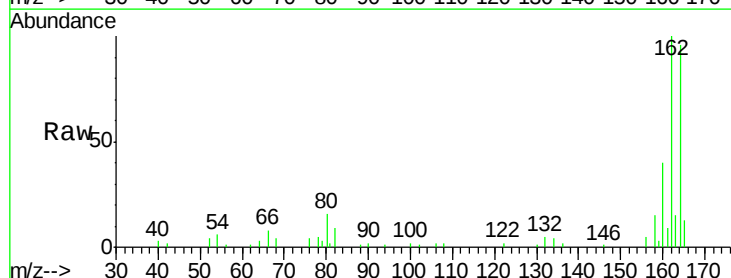


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

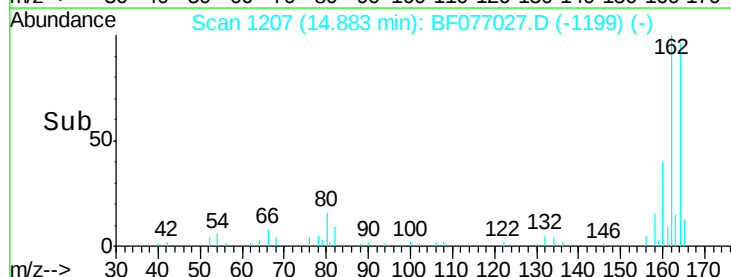
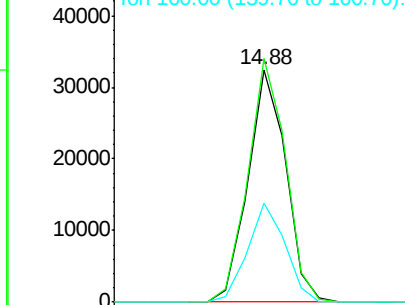


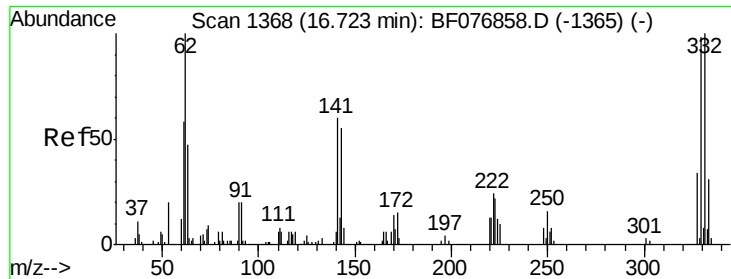
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Tgt Ion:164 Resp: 52211
Ion Ratio Lower Upper
164 100
162 104.7 82.4 123.6
160 42.3 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

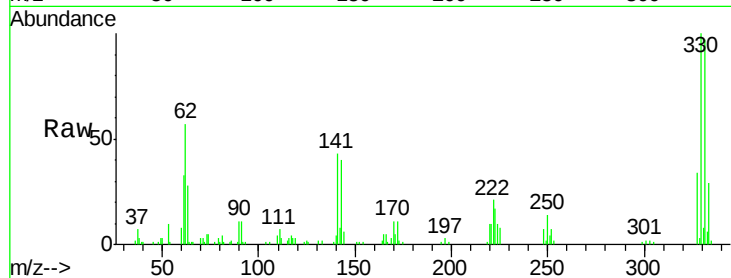




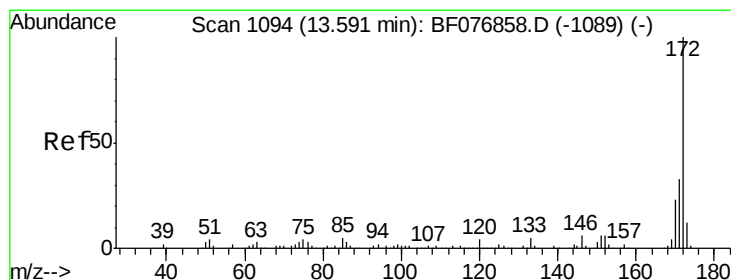
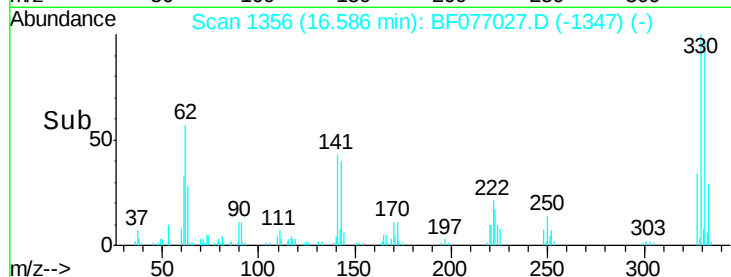
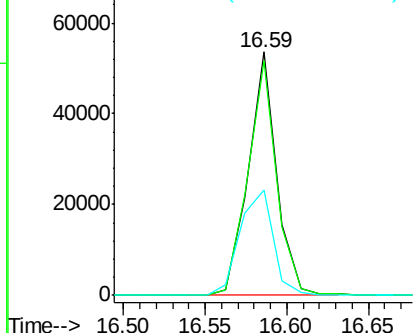
#41
 2,4,6-Tribromophenol
 Concen: 152.53 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077027.D
 Acq: 23 Jan 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 64644
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 50.1 38.5 57.7

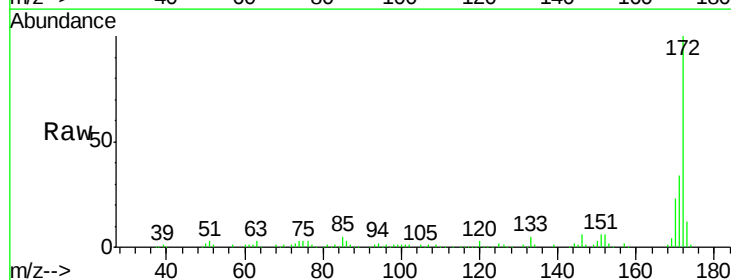


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

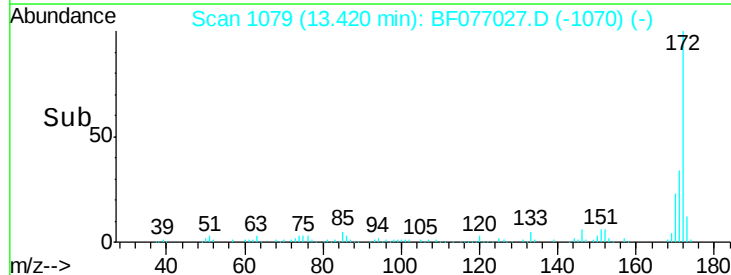
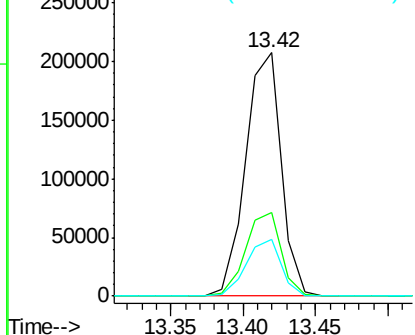


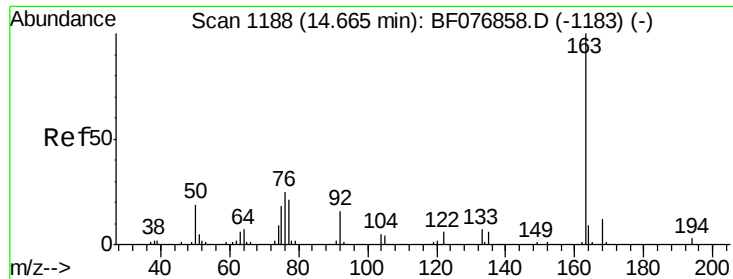
#44
 2-Fluorobiphenyl
 Concen: 102.86 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF077027.D
 Acq: 23 Jan 2015 2:17

Tgt Ion:172 Resp: 352904
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 23.3 18.0 27.0



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

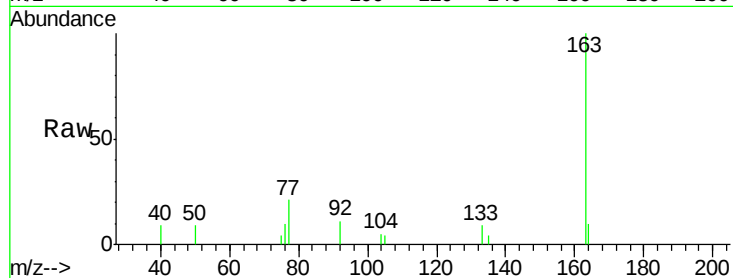




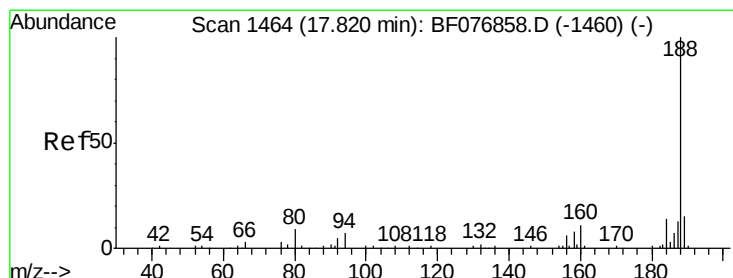
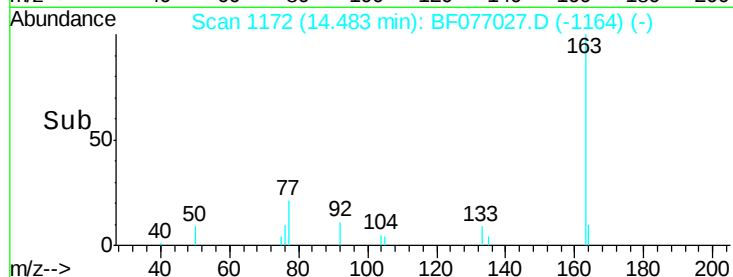
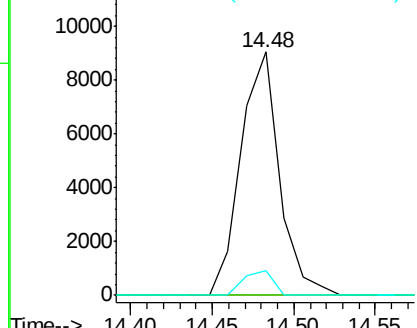
#49
Dimethylphthalate
Concen: 4.01 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 14844
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 10.1 7.5 11.3

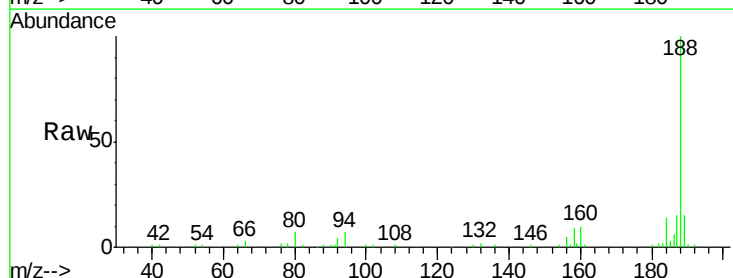


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

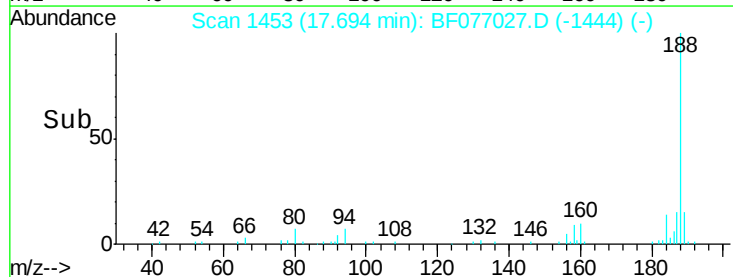
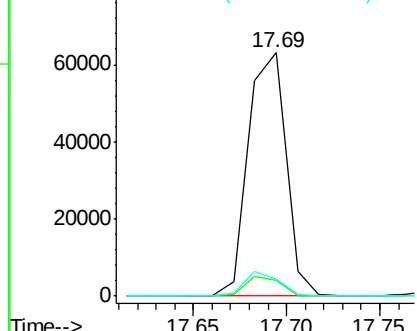


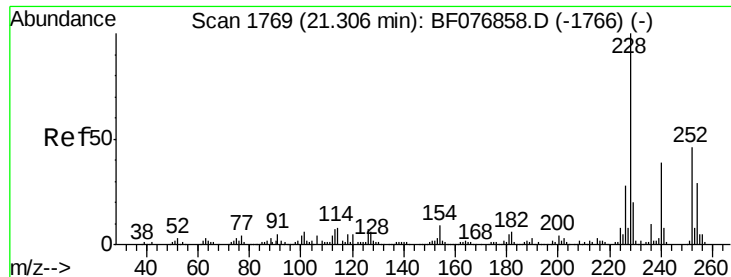
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077027.D
Acq: 23 Jan 2015 2:17

Tgt Ion:188 Resp: 88747
Ion Ratio Lower Upper
188 100
94 6.7 6.0 9.0
80 7.0 6.9 10.3



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

Chrvsene-d12

Concen: 20.00 ng

RT: 21.19 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF077027.D

Acq: 23 Jan 2015 2:17

Instrument :

BNA_F

ClientSampleId :

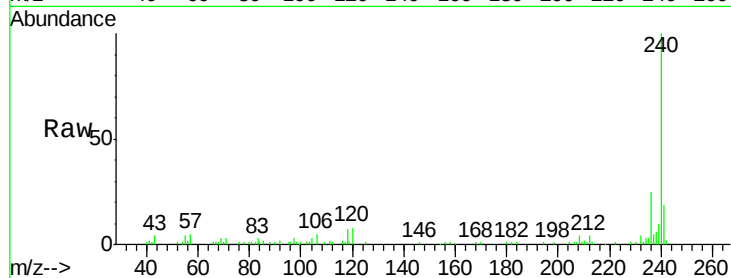
Tot Ion:240 Resp: 84033

Ion Ratio Lower Upper

240 100

120 7.6 10.4 15.6#

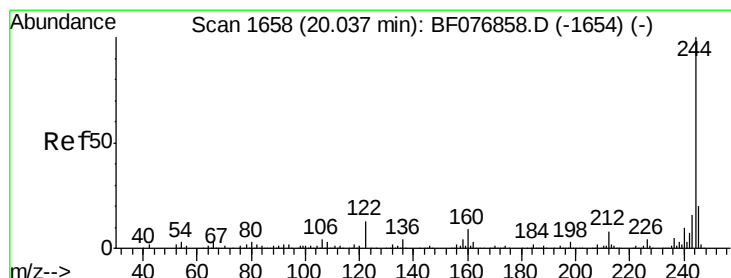
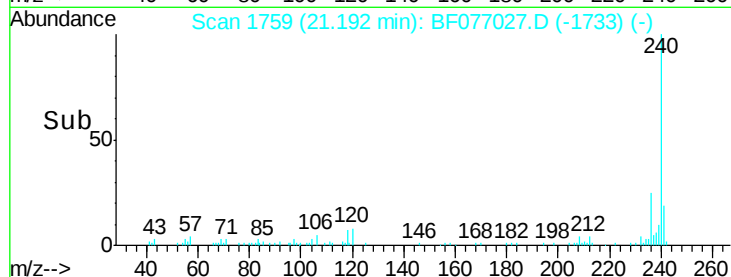
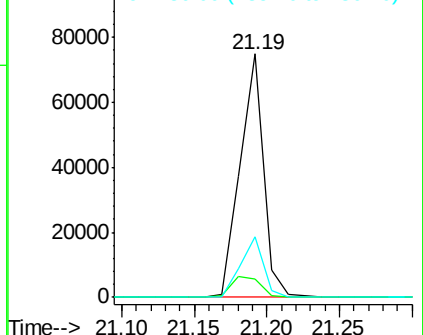
236 25.1 20.2 30.2



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: 98.88 ng

RT: 19.92 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF077027.D

Acq: 23 Jan 2015 2:17

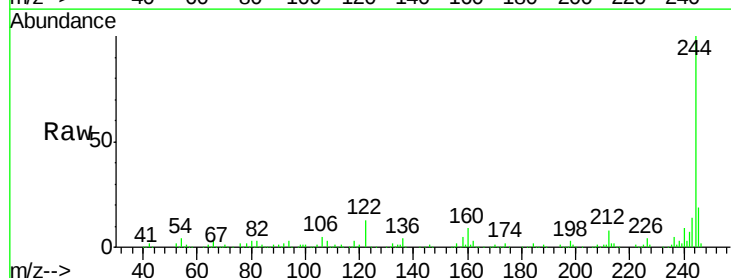
Tgt Ion:244 Resp: 360910

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

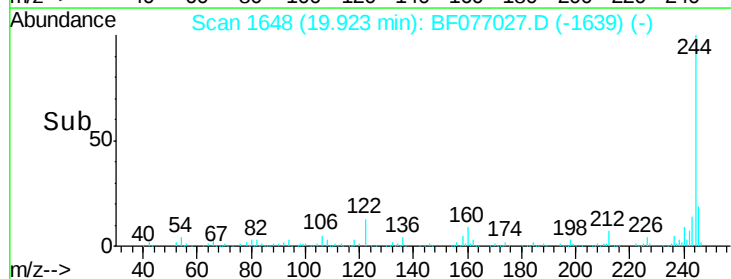
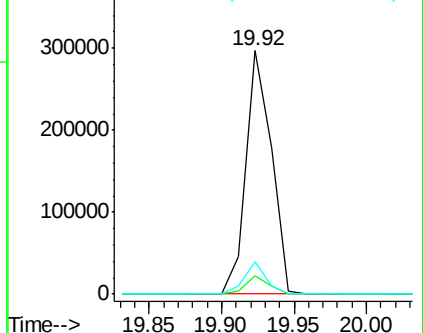
122 13.3 10.1 15.1

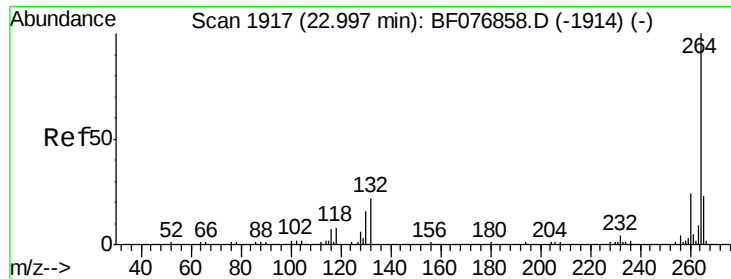


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

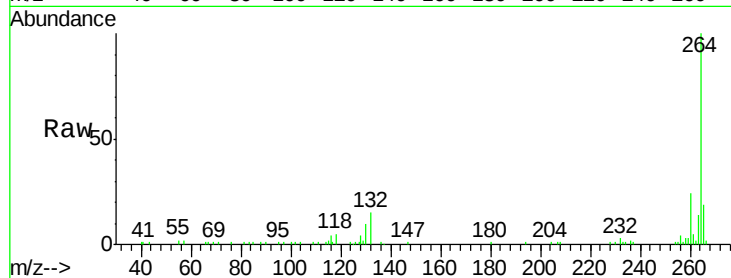




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.83 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF077027.D
 Acq: 23 Jan 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 76920
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 19.4 18.1 27.1



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

