

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077094.D
 Acq On : 27 Jan 2015 20:29
 Operator : TP/IZ
 Sample : G1137-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 04:36:35 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 04:24:51 2015
 Response via : Initial Calibration

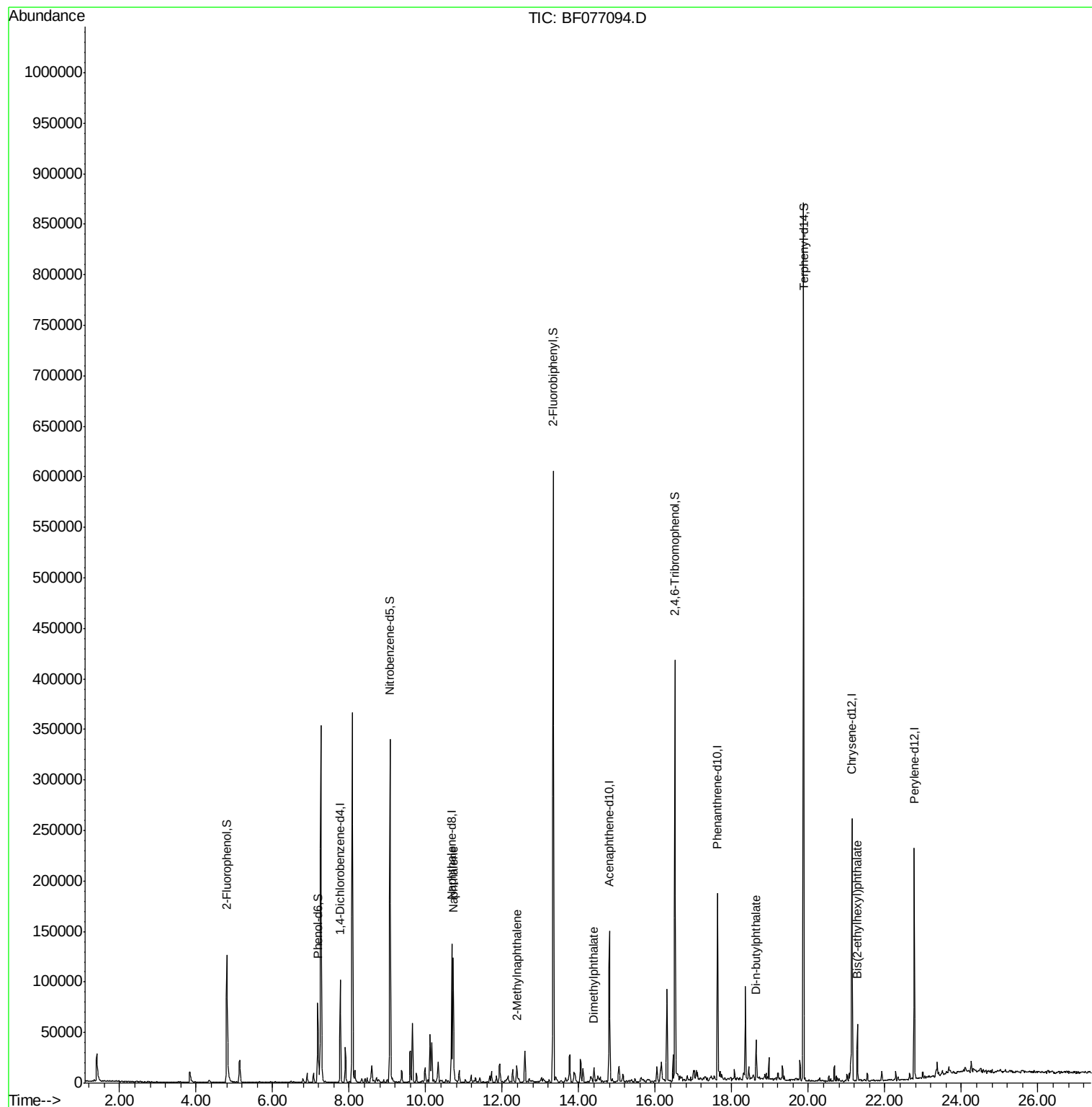
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	27430	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	113568	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	53573	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	101579	20.00	ng	-0.01
75) Chrysene-d12	21.13	240	100307	20.00	ng	0.00
86) Perylene-d12	22.77	264	96104	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	75576	45.30	ng	0.00
7) Phenol-d6	7.18	99	53899	25.61	ng	0.00
23) Nitrobenzene-d5	9.06	82	155872	76.04	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	55646	127.96	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	313317	89.00	ng	0.00
78) Terphenyl-d14	19.88	244	326493	74.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.90	77	584	Below Cal	Qvalue	# 1
31) Naphthalene	10.72	128	97457	16.67	ng	99
37) 2-Methylnaphthalene	12.38	142	9779	2.45	ng	89
49) Dimethylphthalate	14.39	163	12047	3.17	ng	# 95
73) Di-n-butylphthalate	18.63	149	18509	2.67	ng	# 95
83) Bis(2-ethylhexyl)phthalate	21.28	149	21843	5.07	ng	100

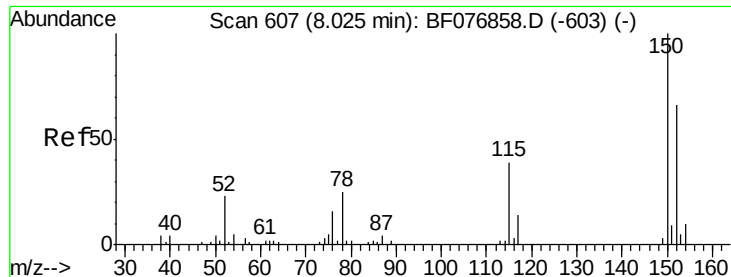
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
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QLast Update : Wed Jan 28 04:24:51 2015
Response via : Initial Calibration



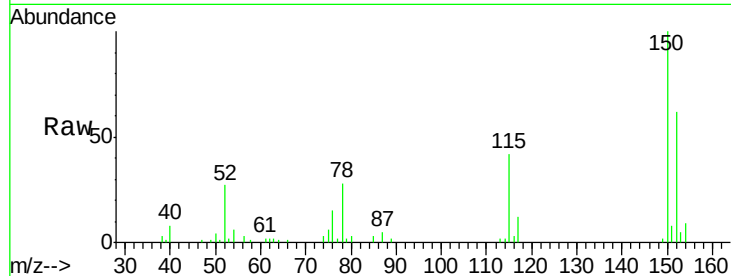


#1

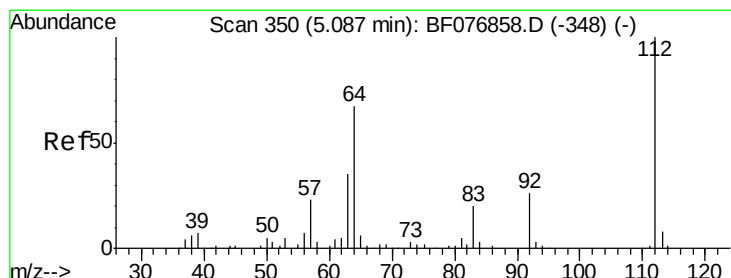
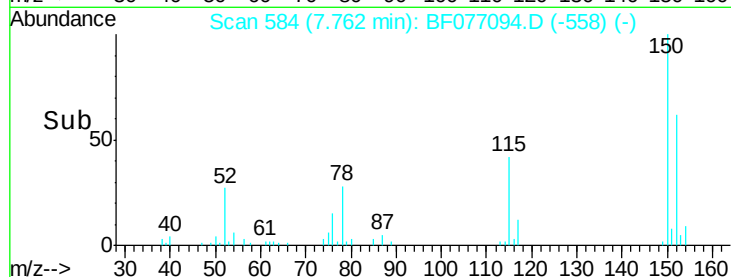
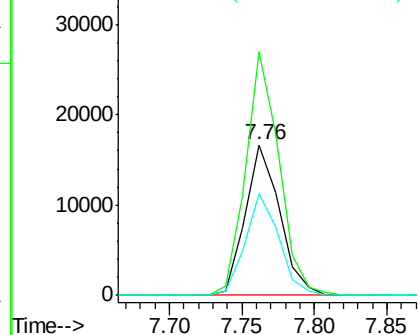
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077094.D
Acq: 27 Jan 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 27430
Ion Ratio Lower Upper
152 100
150 162.0 121.7 182.5
115 67.8 47.0 70.6



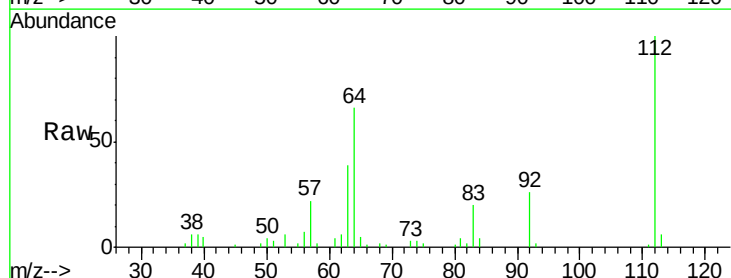
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



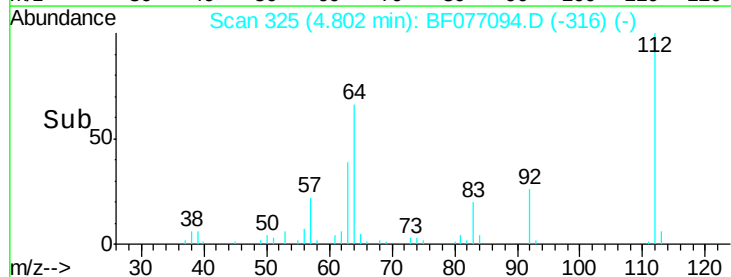
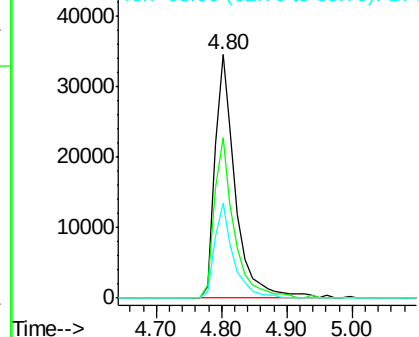
#5

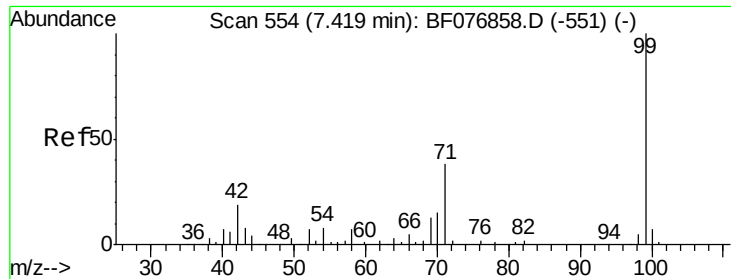
2-Fluorophenol
Concen: 45.30 ng
RT: 4.80 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF077094.D
Acq: 27 Jan 2015 20:29

Tgt Ion:112 Resp: 75576
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 38.9 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: 25.61 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077094.D

Acq: 27 Jan 2015 20:29

Instrument :

BNA_F

ClientSampleId :

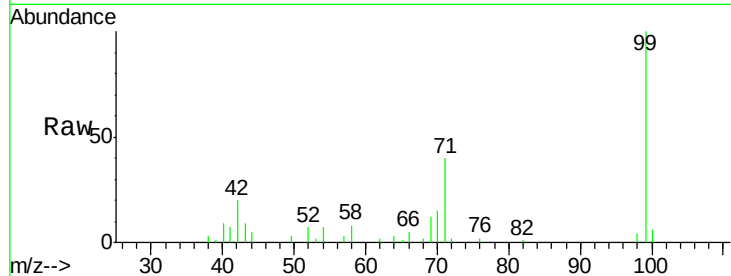
Tot Ion: 99 Resp: 53899

Ion Ratio Lower Upper

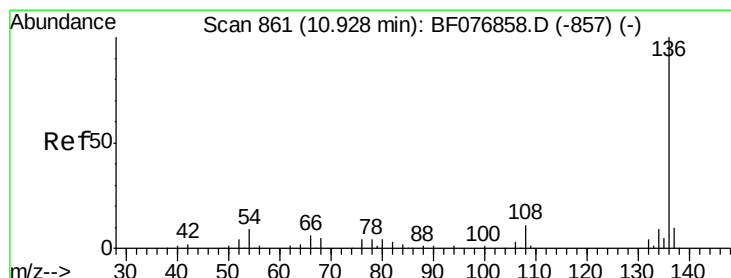
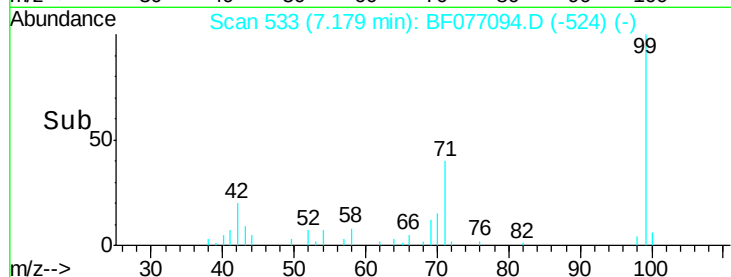
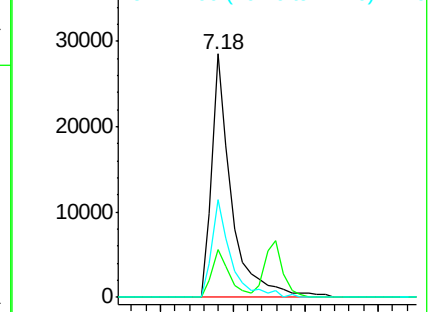
99 100

42 19.6 15.0 22.4

71 40.1 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: BF077094.D

Acq: 27 Jan 2015 20:29

Tgt Ion: 136 Resp: 113568

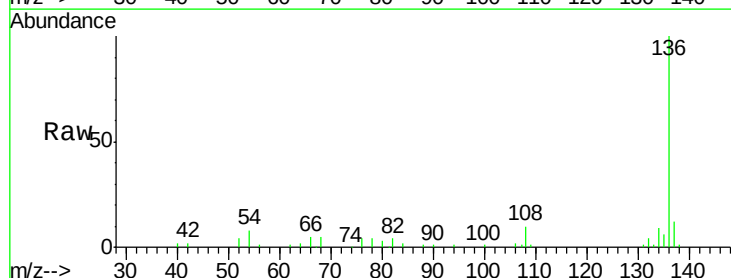
Ion Ratio Lower Upper

136 100

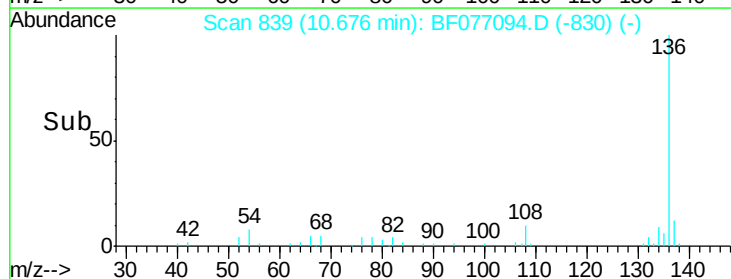
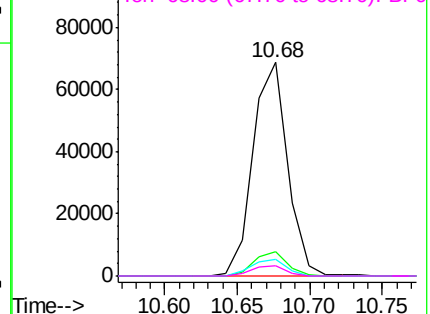
137 11.7 8.1 12.1

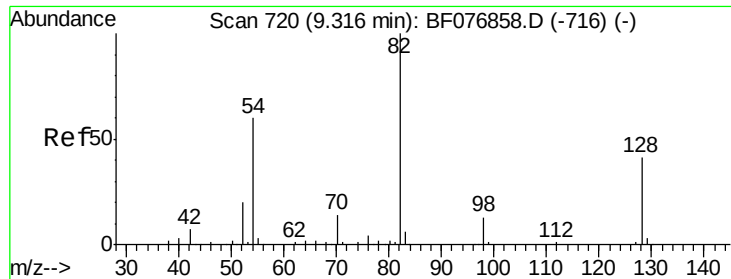
54 7.7 7.0 10.4

68 4.9 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

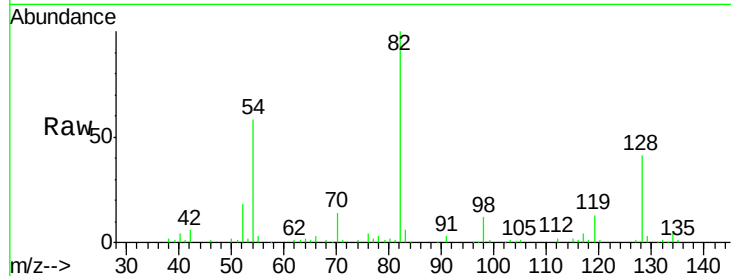




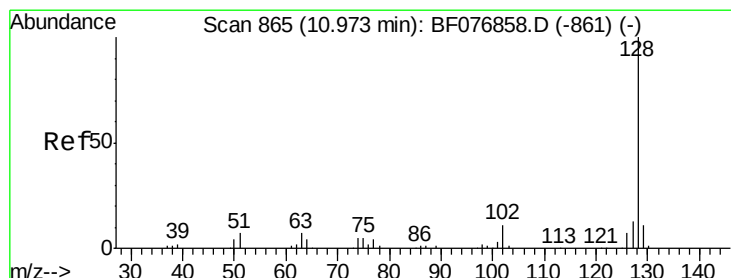
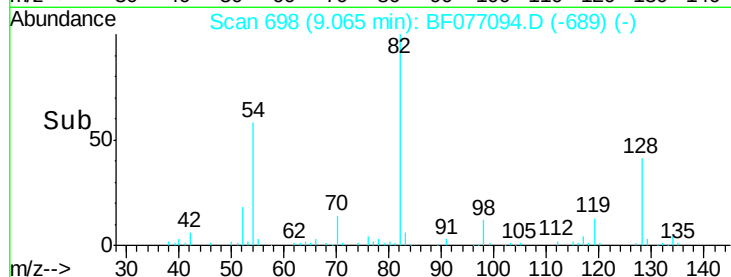
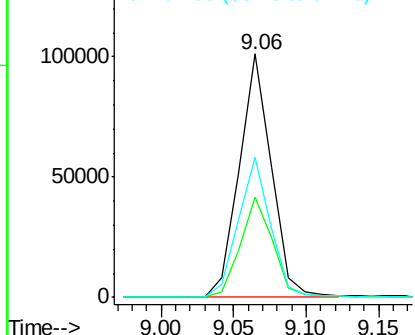
#23
 Nitrobenzene-d5
 Concen: 76.04 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077094.D
 Acq: 27 Jan 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 155872
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.1 49.7
 54 57.7 48.3 72.5

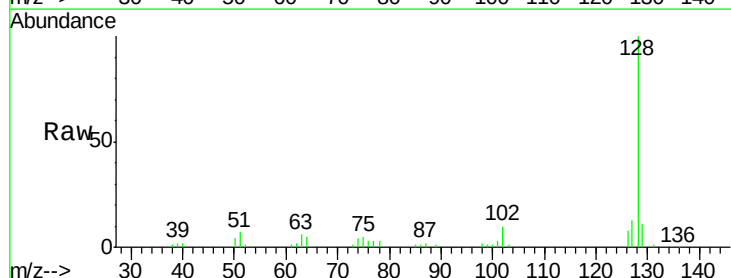


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

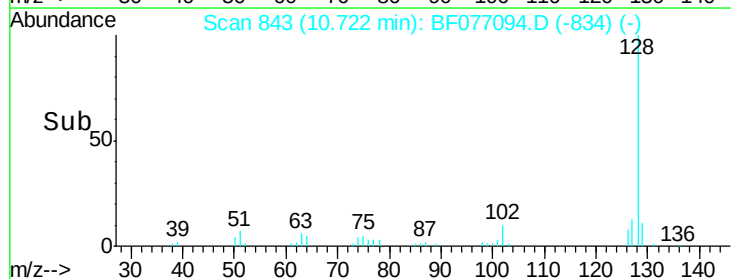
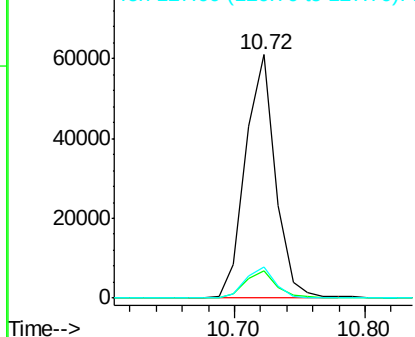


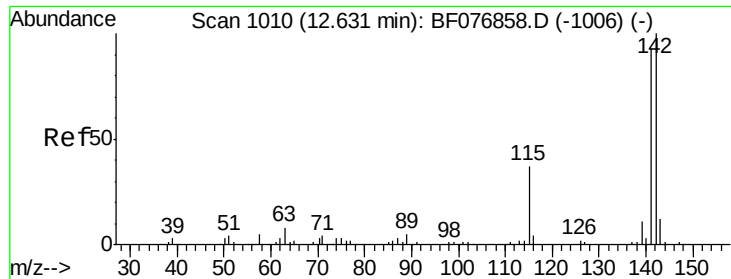
#31
 Naphthalene
 Concen: 16.67 ng
 RT: 10.72 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF077094.D
 Acq: 27 Jan 2015 20:29

Tgt Ion: 128 Resp: 97457
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 12.9 10.2 15.2



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

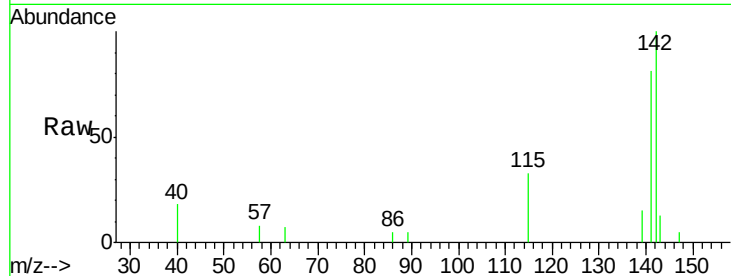




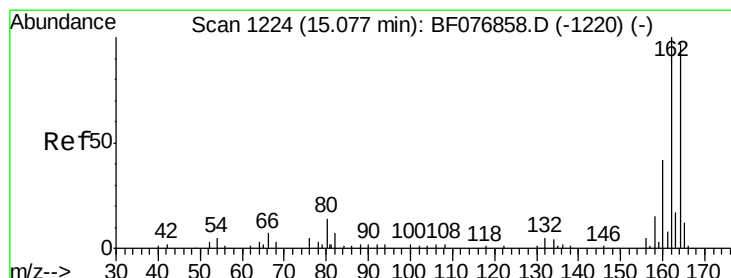
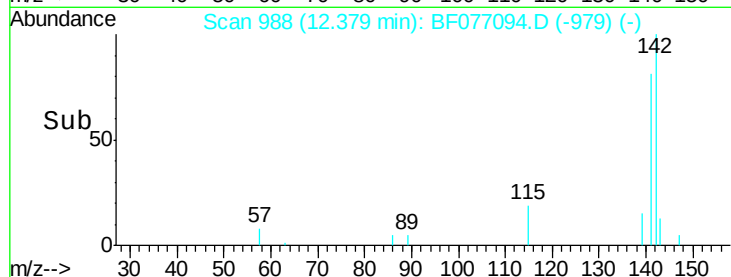
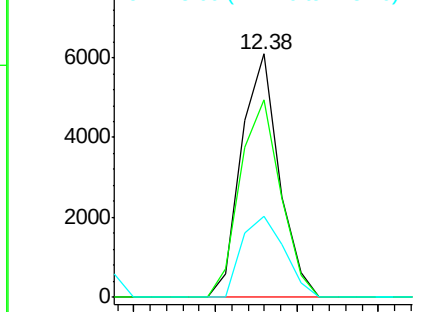
#37
 2-Methylnaphthalene
 Concen: 2.45 ng
 RT: 12.38 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF077094.D
 Acq: 27 Jan 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 9779
 Ion Ratio Lower Upper
 142 100
 141 81.0 74.5 111.7
 115 33.2 29.7 44.5

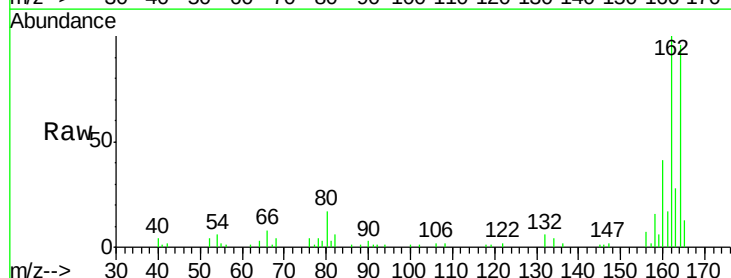


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

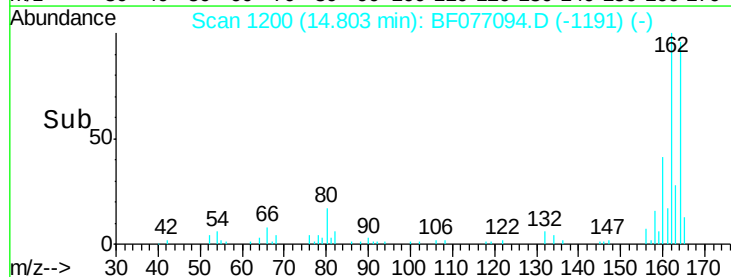
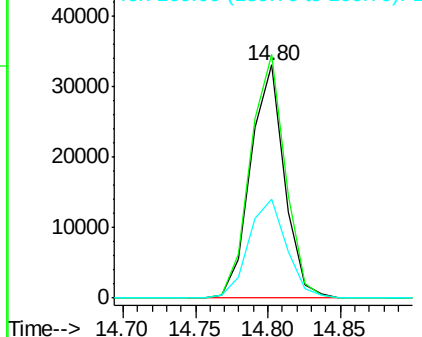


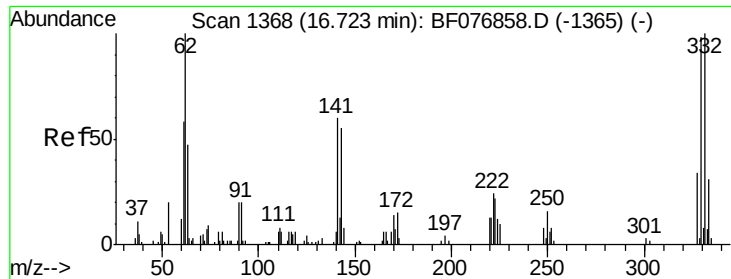
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077094.D
 Acq: 27 Jan 2015 20:29

Tgt Ion:164 Resp: 53573
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.4 123.6
 160 42.5 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

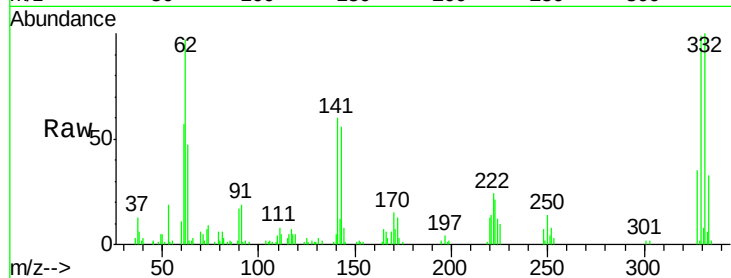




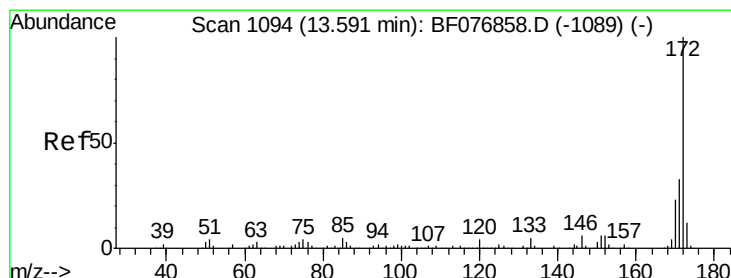
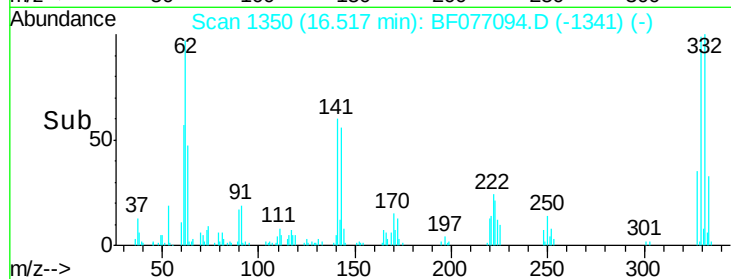
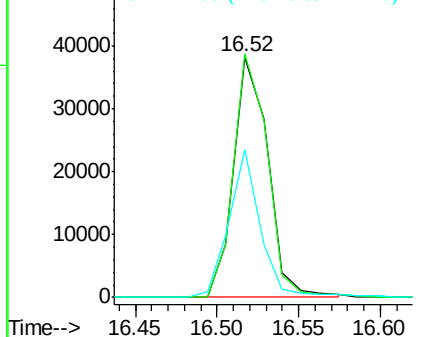
#41
2,4,6-Tribromophenol
Concen: 127.96 ng
RT: 16.52 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF077094.D
Acq: 27 Jan 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 55646
Ion Ratio Lower Upper
330 100
332 99.6 77.8 116.6
141 55.8 38.5 57.7

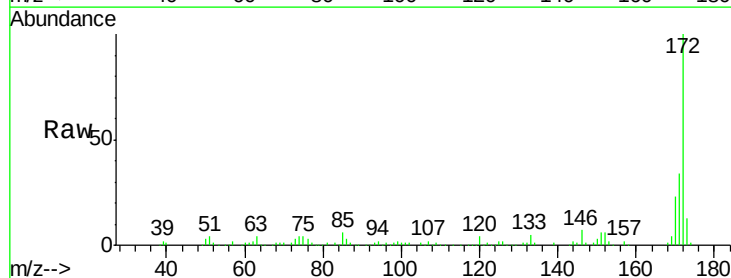


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

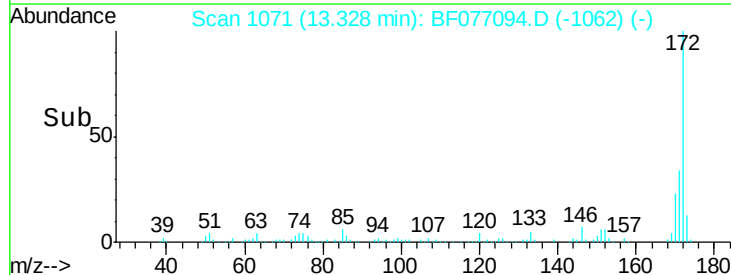
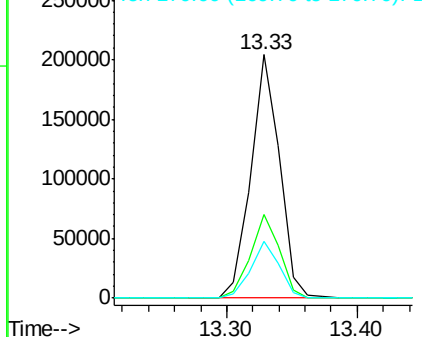


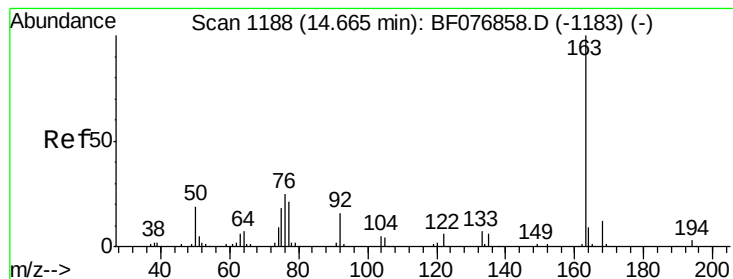
#44
2-Fluorobiphenyl
Concen: 89.00 ng
RT: 13.33 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF077094.D
Acq: 27 Jan 2015 20:29

Tgt Ion:172 Resp: 313317
Ion Ratio Lower Upper
172 100
171 34.4 26.6 40.0
170 23.2 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: 3.17 ng

RT: 14.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF077094.D

Acq: 27 Jan 2015 20:29

Instrument :

BNA_F

ClientSampleId :

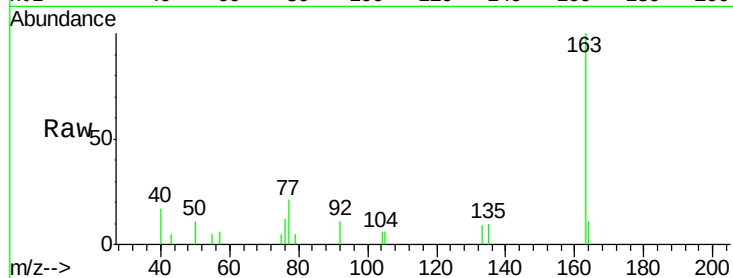
Tot Ion:163 Resp: 12047

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

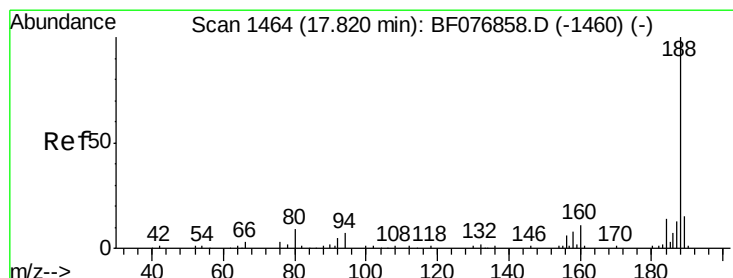
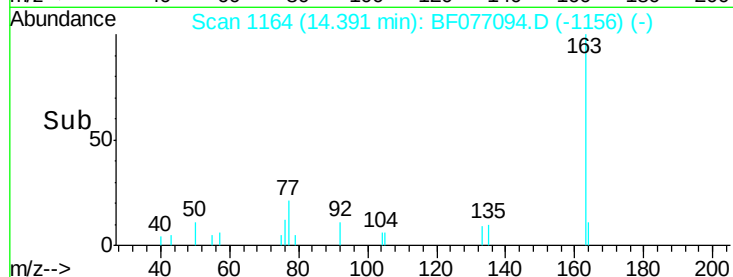
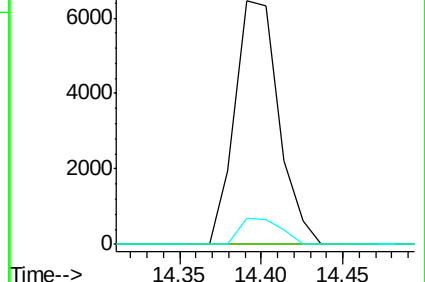
164 10.7 7.5 11.3



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: 17.63 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF077094.D

Acq: 27 Jan 2015 20:29

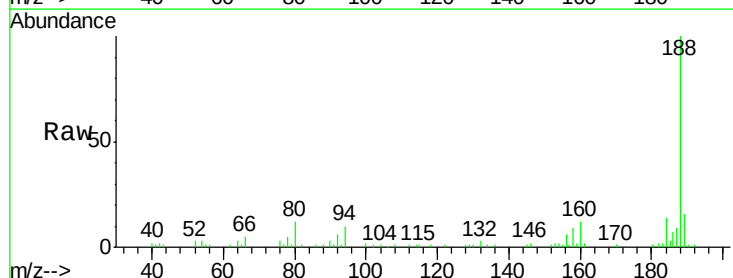
Tgt Ion:188 Resp: 101579

Ion Ratio Lower Upper

188 100

94 9.9 6.0 9.0#

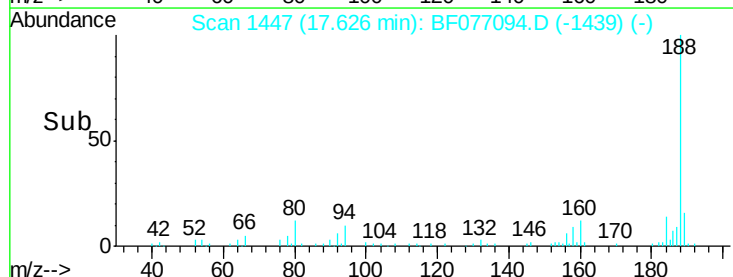
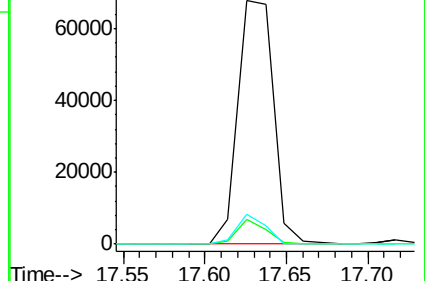
80 12.0 6.9 10.3#

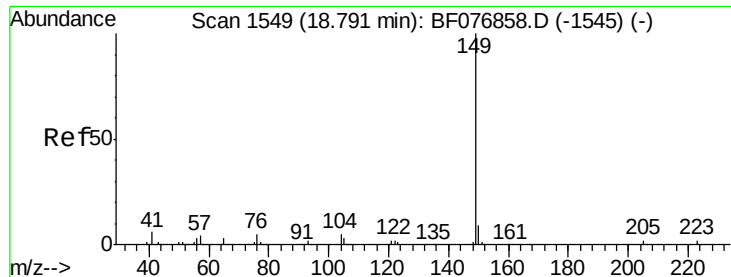


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

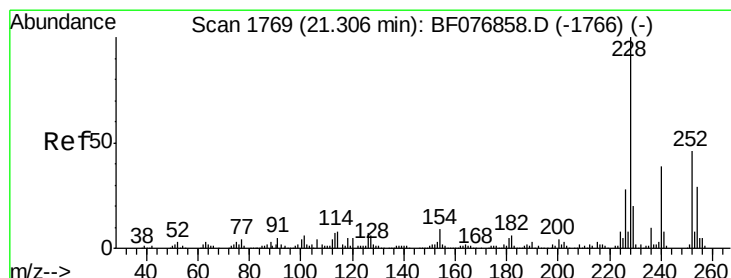
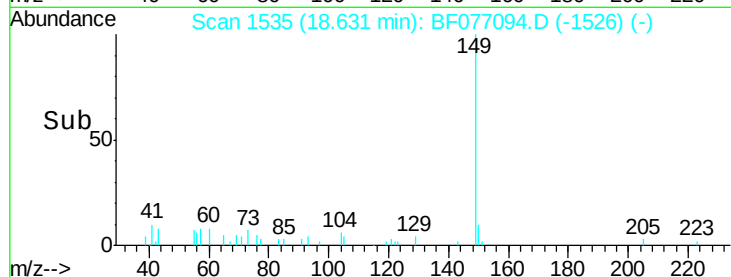
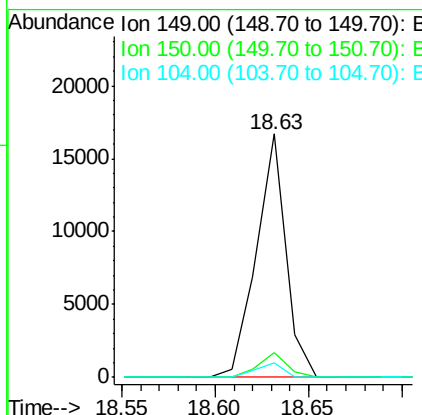
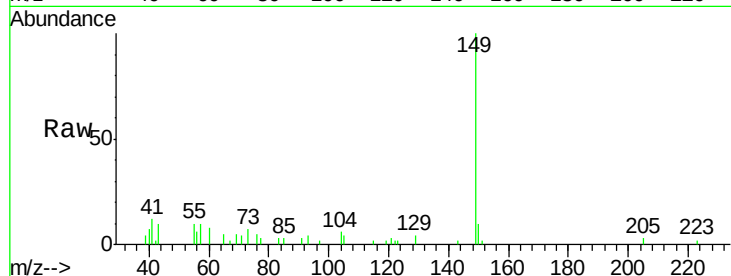




#73
Di-n-butylphthalate
Concen: 2.67 ng
RT: 18.63 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF077094.D
Acq: 27 Jan 2015 20:29

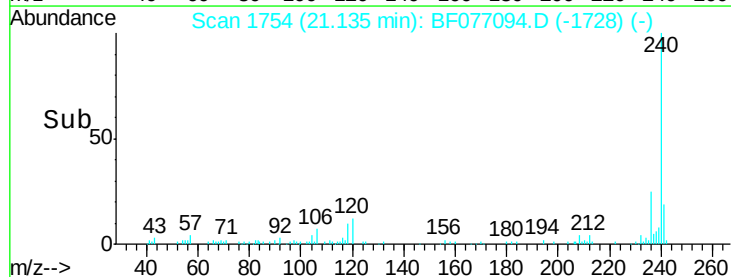
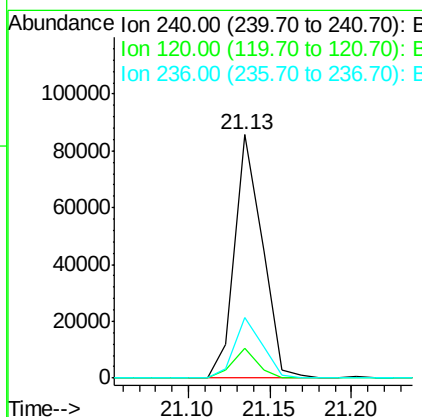
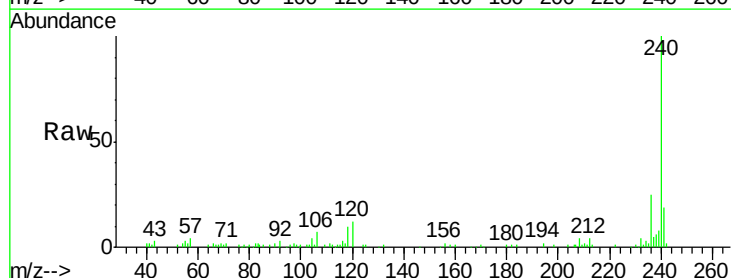
Instrument :
BNA_F
ClientSampleId :

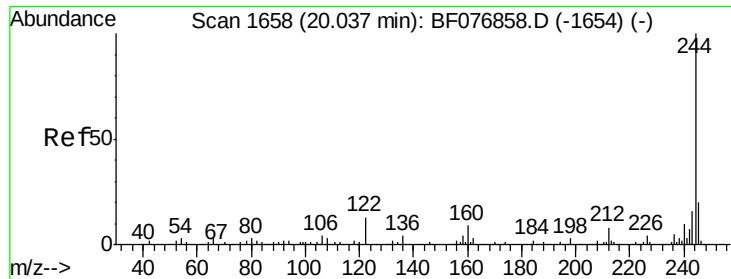
Tot Ion:149 Resp: 18509
Ion Ratio Lower Upper
149 100
150 10.3 6.9 10.3#
104 6.1 3.7 5.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF077094.D
Acq: 27 Jan 2015 20:29

Tgt Ion:240 Resp: 100307
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 25.1 20.2 30.2

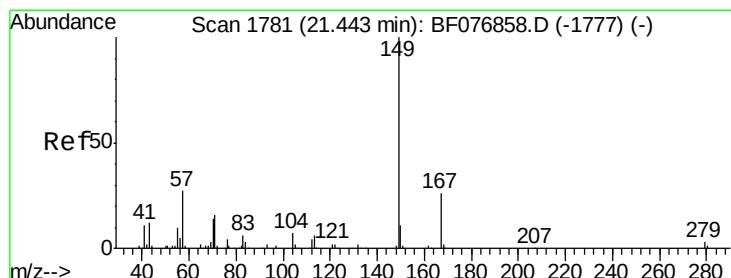
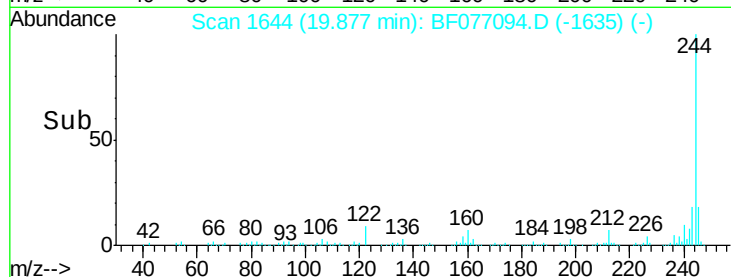
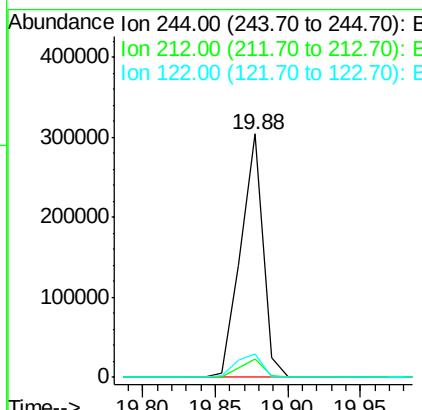
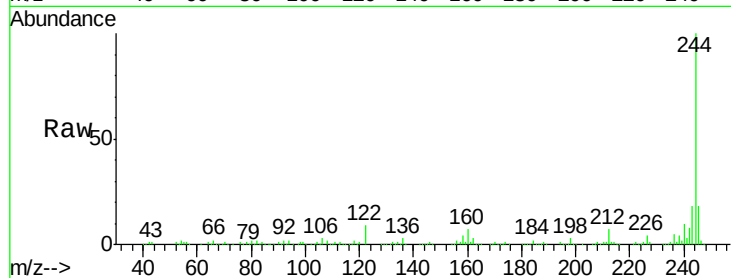




#78
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077094.D
 Acq: 27 Jan 2015 20:29

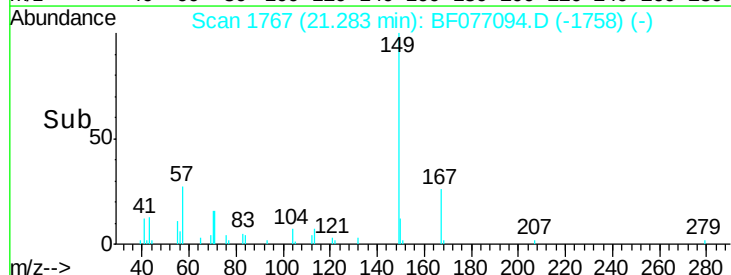
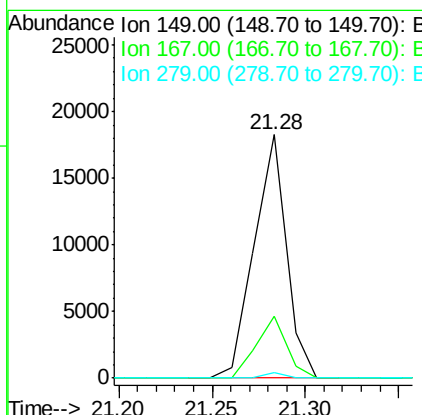
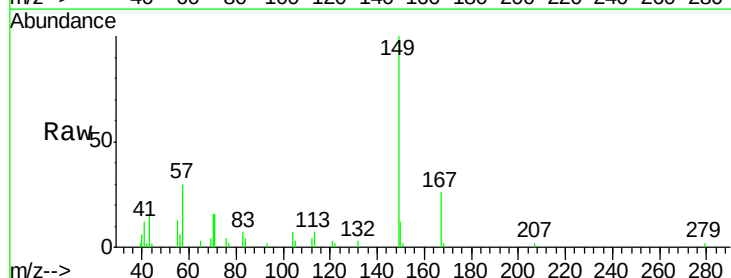
Instrument :
 BNA_F
 ClientSampleId :

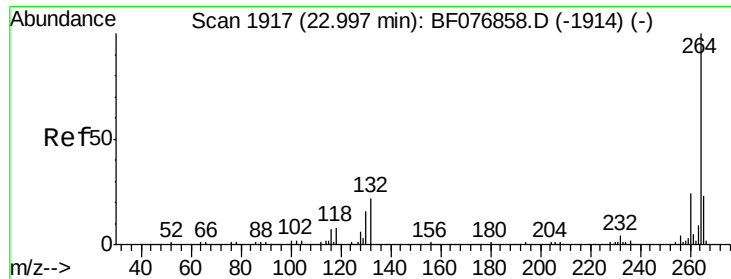
Tot Ion:244 Resp: 326493
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 9.5 10.1 15.1#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.07 ng
 RT: 21.28 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077094.D
 Acq: 27 Jan 2015 20:29

Tgt Ion:149 Resp: 21843
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.6 30.8
 279 2.4 2.2 3.2

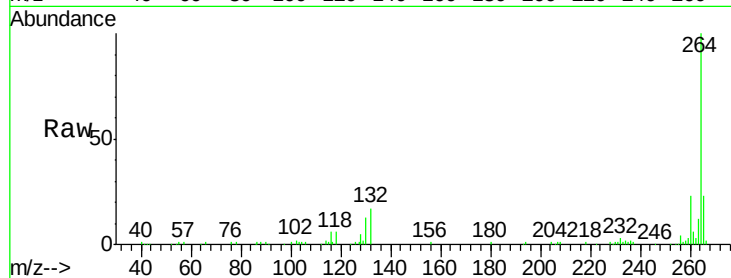




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.77 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BF077094.D
Acq: 27 Jan 2015 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 96104
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 22.8 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

