

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077087.D
 Acq On : 27 Jan 2015 16:27
 Operator : TP/IZ
 Sample : G1139-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121B3

Quant Time: Jan 28 03:13:06 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

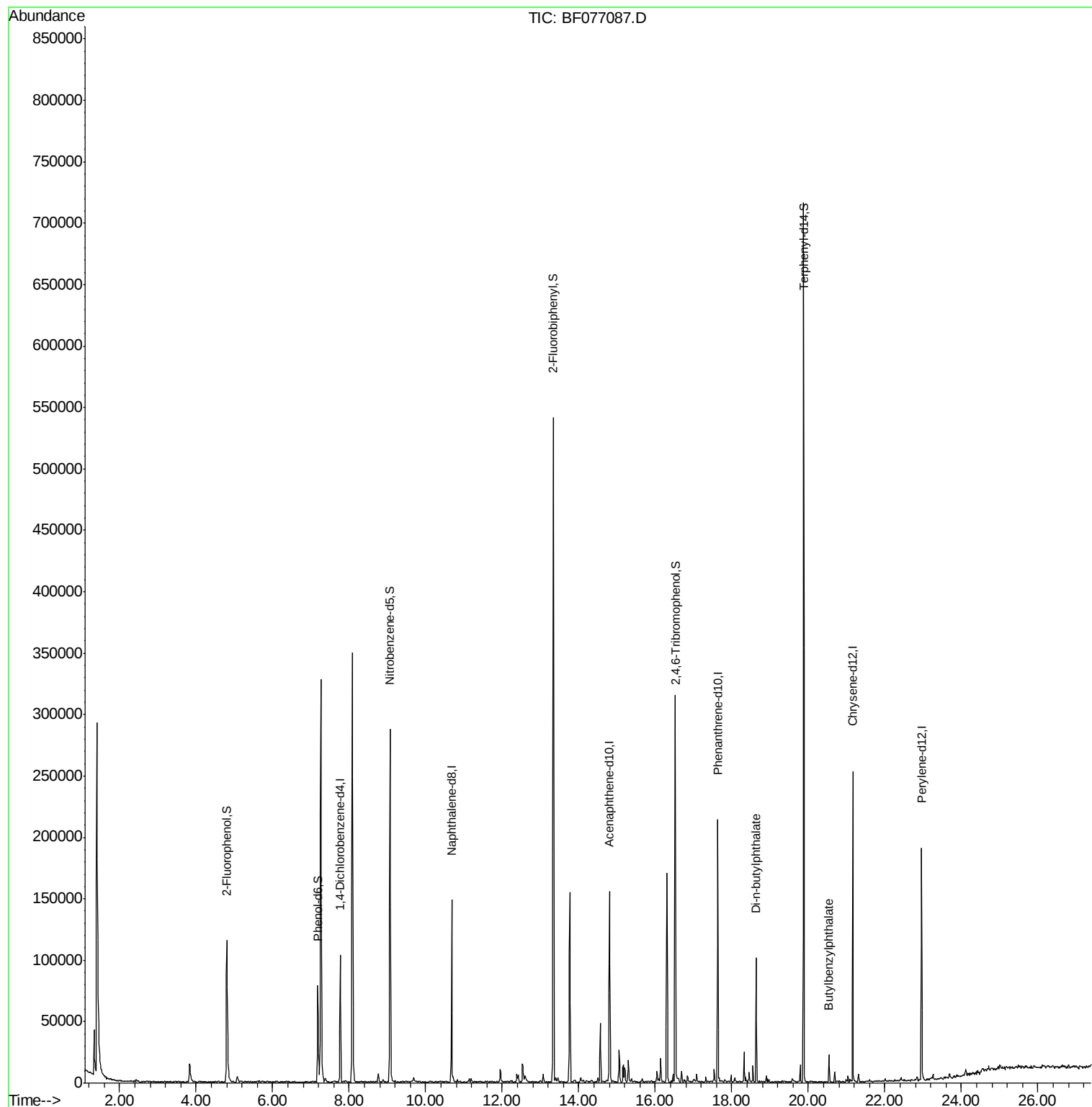
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	28216	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	112919	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	54226	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	103626	20.00	ng	0.00
75) Chrysene-d12	21.16	240	106857	20.00	ng	0.00
86) Perylene-d12	22.96	264	100101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	72489	42.24	ng	0.00
7) Phenol-d6	7.18	99	53633	24.77	ng	0.00
23) Nitrobenzene-d5	9.06	82	148160	72.69	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	53880	122.41	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	306076	85.90	ng	0.00
78) Terphenyl-d14	19.88	244	281256	60.59	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	18.63	149	66575	9.41	ng	Qvalue 98
79) Butylbenzylphthalate	20.54	149	7443	2.24	ng	# 65

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

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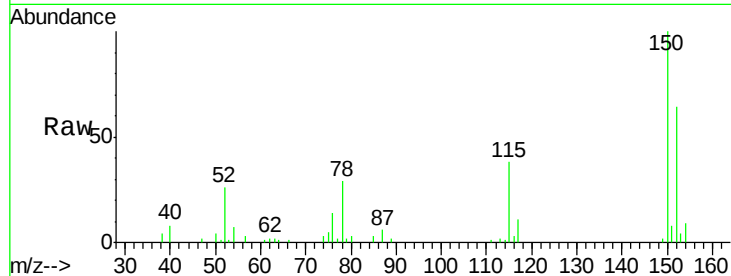


#1

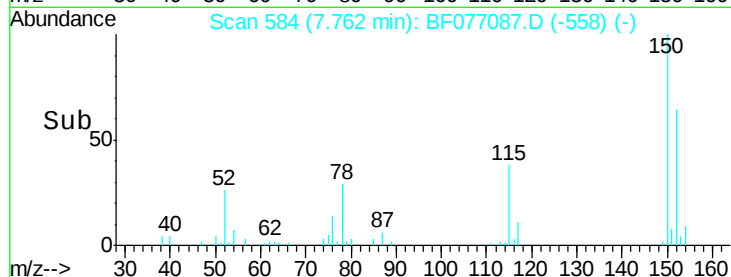
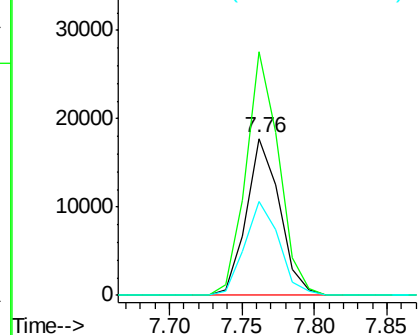
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077087.D
Acq: 27 Jan 2015 16:27

Instrument :
BNA_F
ClientSampleId :
121B3

Tgt Ion:152 Resp: 28216
Ion Ratio Lower Upper
152 100
150 155.4 121.7 182.5
115 59.7 47.0 70.6



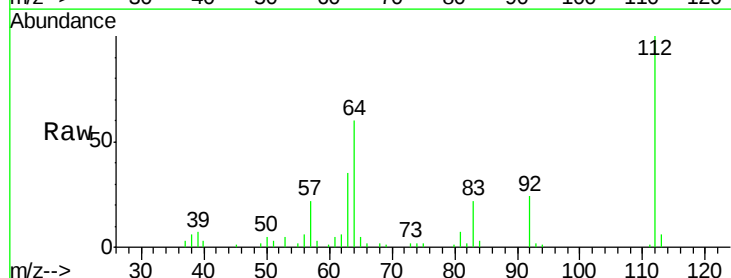
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



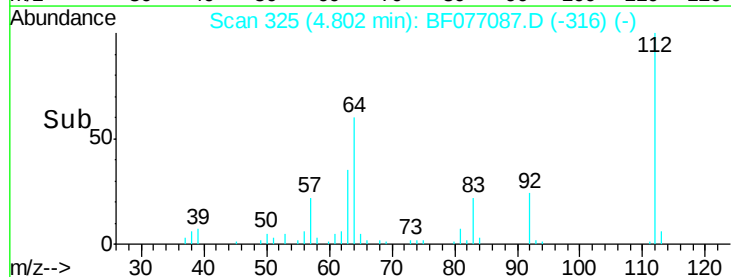
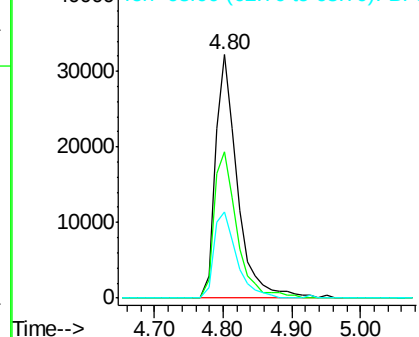
#5

2-Fluorophenol
Concen: 42.24 ng
RT: 4.80 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF077087.D
Acq: 27 Jan 2015 16:27

Tgt Ion:112 Resp: 72489
Ion Ratio Lower Upper
112 100
64 60.3 54.2 81.4
63 35.4 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: 24.77 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077087.D

Acq: 27 Jan 2015 16:27

Instrument :

BNA_F

ClientSampleId :

121B3

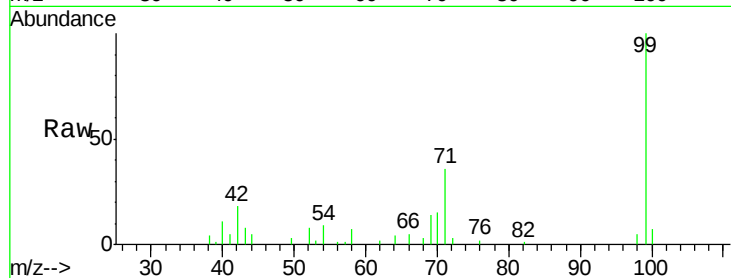
Tgt Ion: 99 Resp: 53633

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

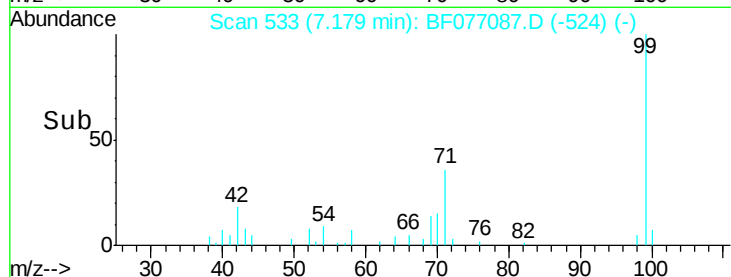
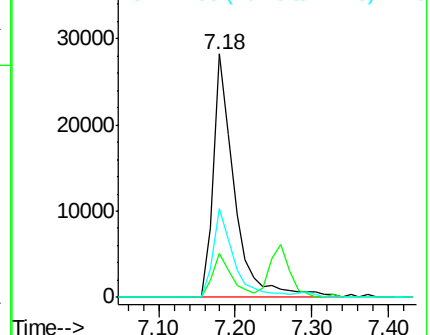
71 36.4 30.5 45.7



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: BF077087.D

Acq: 27 Jan 2015 16:27

Tgt Ion: 136 Resp: 112919

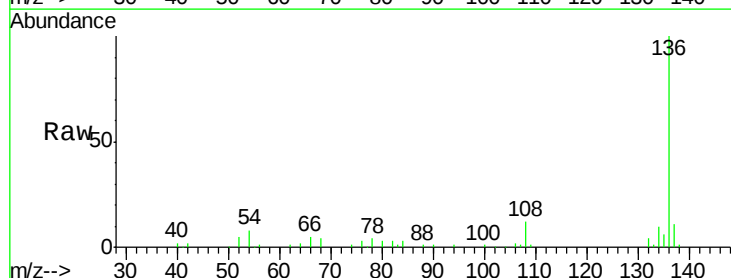
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 8.2 7.0 10.4

68 4.1 3.7 5.5

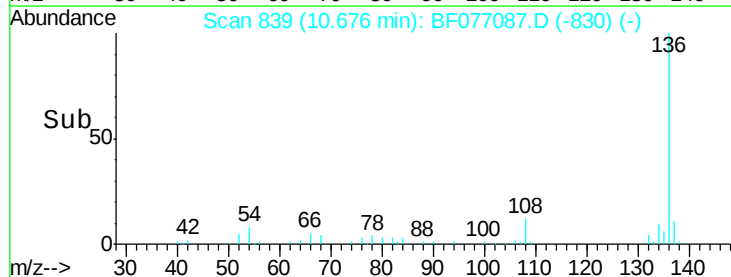
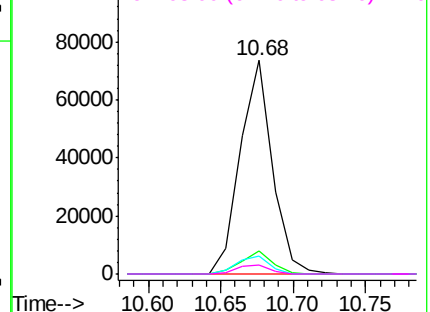


Abundance Ion 136.00 (135.70 to 136.70): E

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

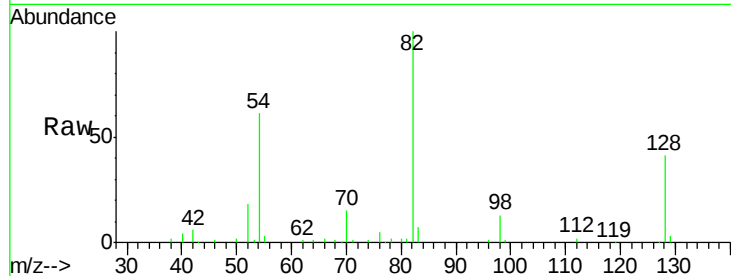




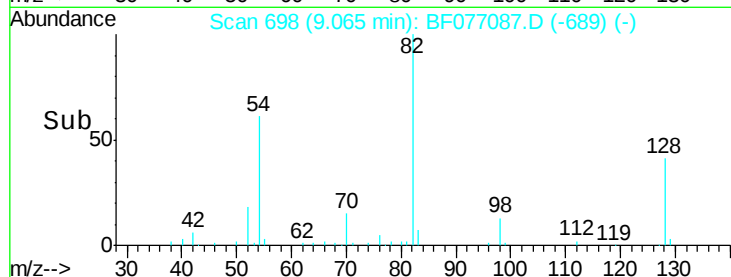
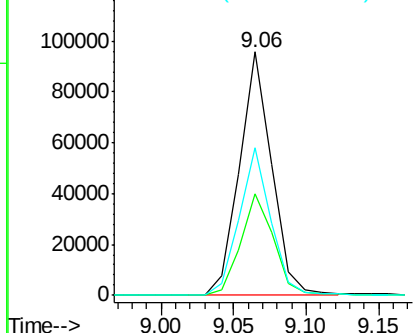
#23
 Nitrobenzene-d5
 Concen: 72.69 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077087.D
 Acq: 27 Jan 2015 16:27

Instrument :
 BNA_F
 ClientSampleId :
 121B3

Tgt Ion: 82 Resp: 148160
 Ion Ratio Lower Upper
 82 100
 128 41.5 33.1 49.7
 54 60.8 48.3 72.5

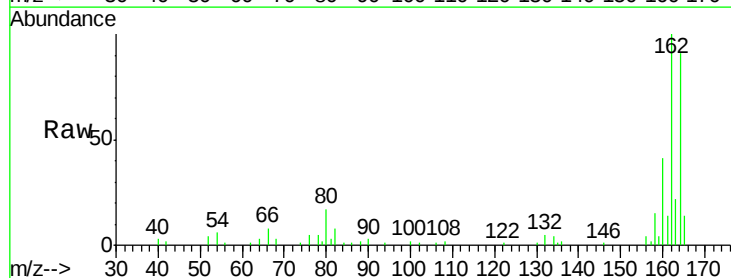


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

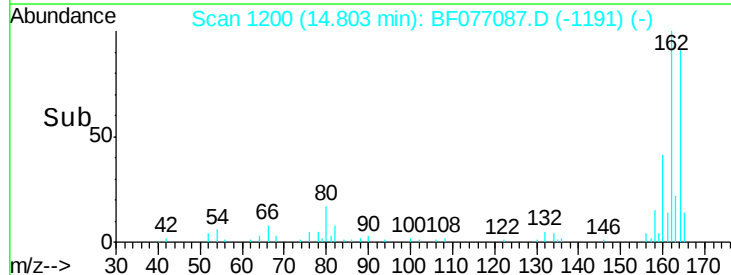
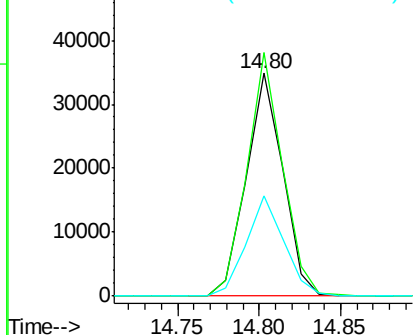


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077087.D
 Acq: 27 Jan 2015 16:27

Tgt Ion: 164 Resp: 54226
 Ion Ratio Lower Upper
 164 100
 162 109.4 82.4 123.6
 160 45.1 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: 122.41 ng

RT: 16.53 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF077087.D

Acq: 27 Jan 2015 16:27

Instrument :

BNA_F

ClientSampleId :

121B3

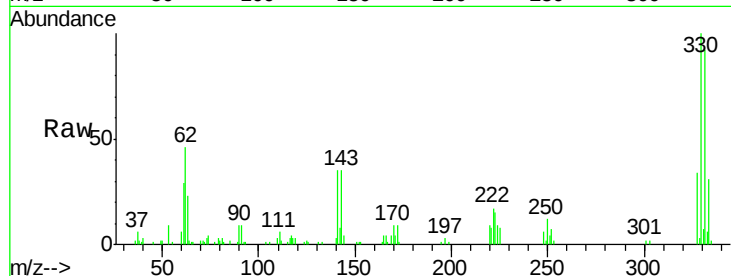
Tgt Ion:330 Resp: 53880

Ion Ratio Lower Upper

330 100

332 94.3 77.8 116.6

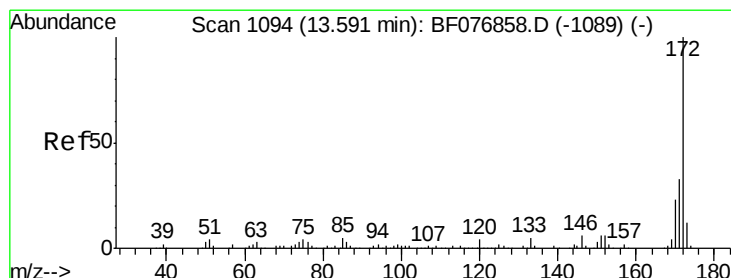
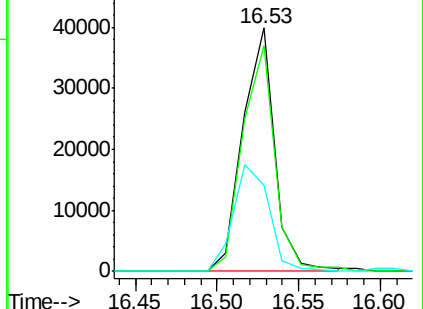
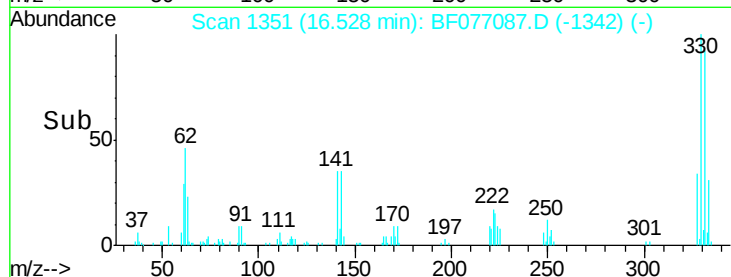
141 48.8 38.5 57.7



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: 85.90 ng

RT: 13.33 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF077087.D

Acq: 27 Jan 2015 16:27

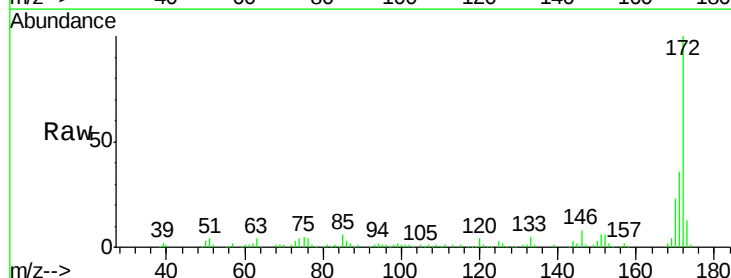
Tgt Ion:172 Resp: 306076

Ion Ratio Lower Upper

172 100

171 36.3 26.6 40.0

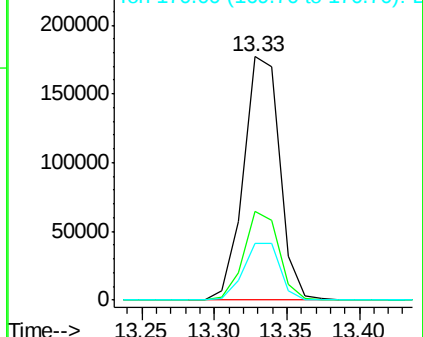
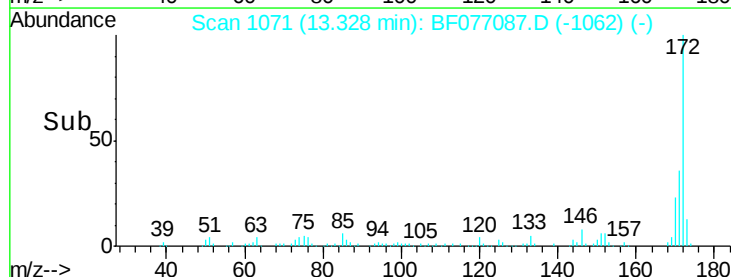
170 23.1 18.0 27.0



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

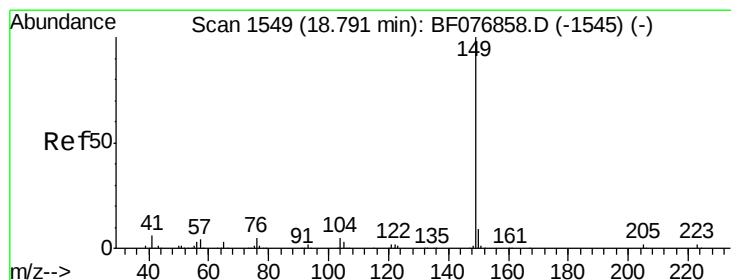
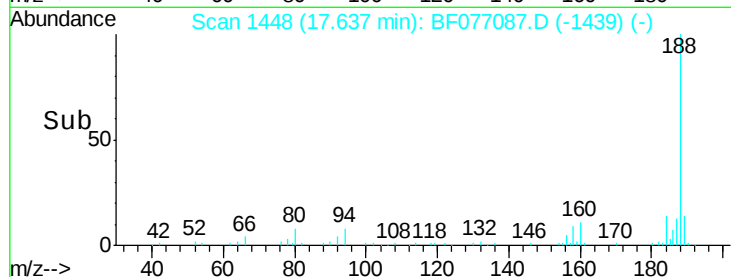
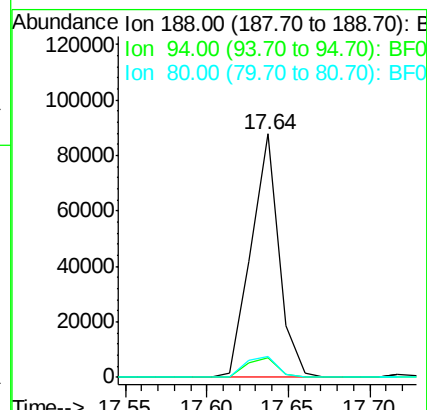
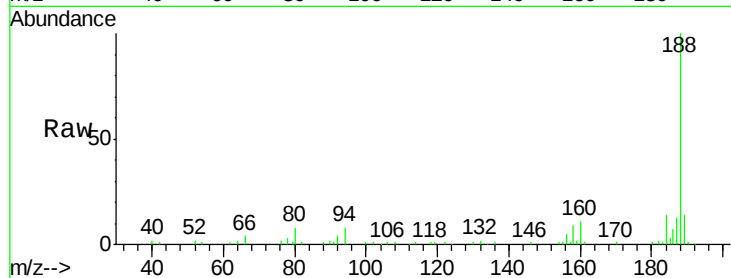




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077087.D
 Acq: 27 Jan 2015 16:27

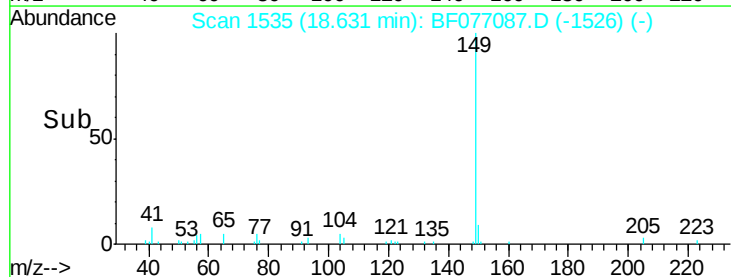
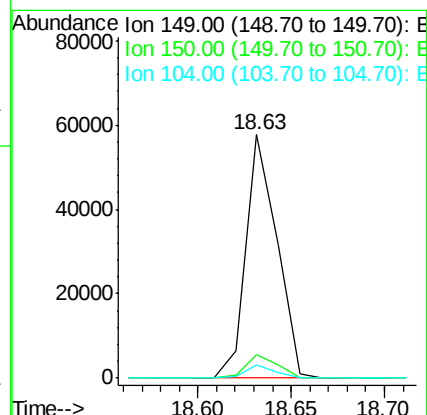
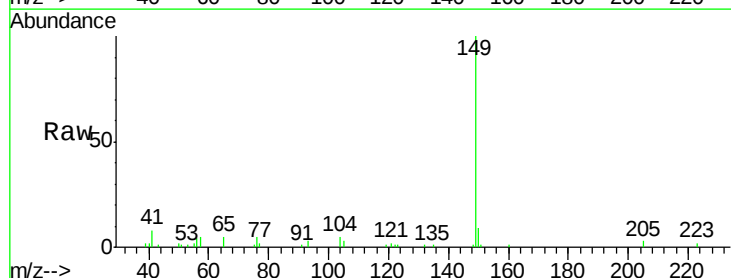
Instrument :
 BNA_F
 ClientSampleId :
 121B3

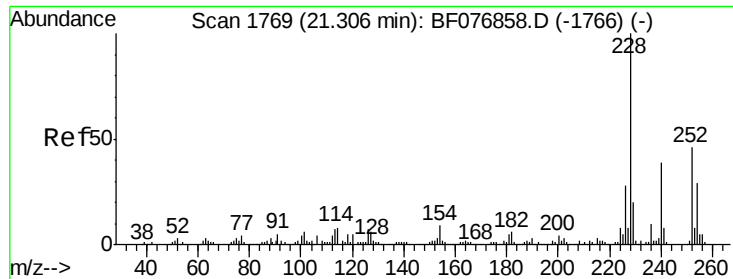
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.0	9.0
80	8.5	6.9	10.3



#73
 Di-n-butylphthalate
 Concen: 9.41 ng
 RT: 18.63 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF077087.D
 Acq: 27 Jan 2015 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	6.9	10.3
104	5.3	3.7	5.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF077087.D

Acq: 27 Jan 2015 16:27

Instrument :

BNA_F

ClientSampleId :

121B3

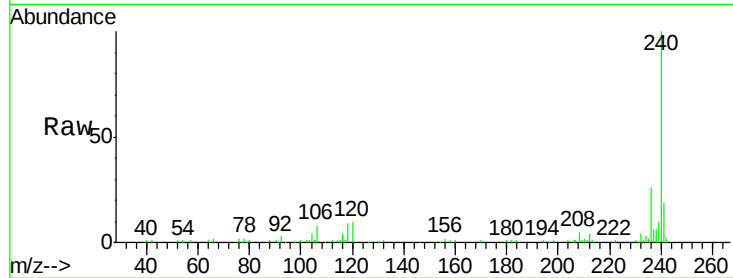
Tgt Ion:240 Resp: 106857

Ion Ratio Lower Upper

240 100

120 10.1 10.4 15.6#

236 25.7 20.2 30.2

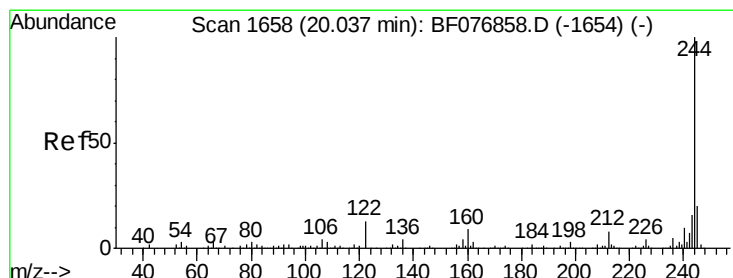
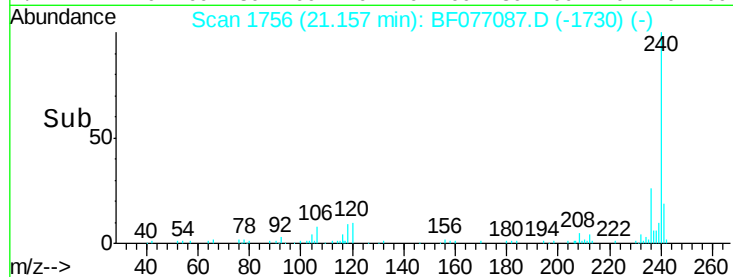
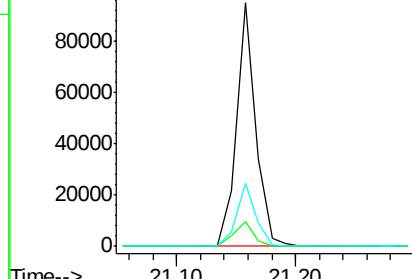


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.16



#78

Terphenyl-d14

Concen: 60.59 ng

RT: 19.88 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BF077087.D

Acq: 27 Jan 2015 16:27

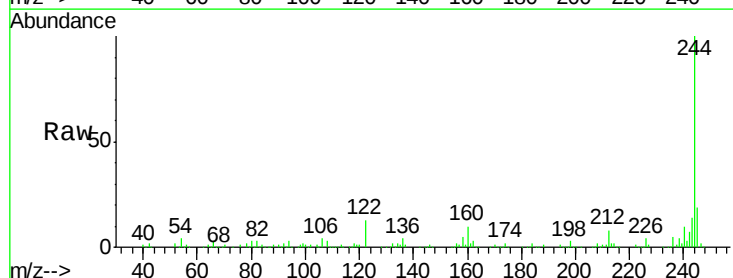
Tgt Ion:244 Resp: 281256

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 12.7 10.1 15.1

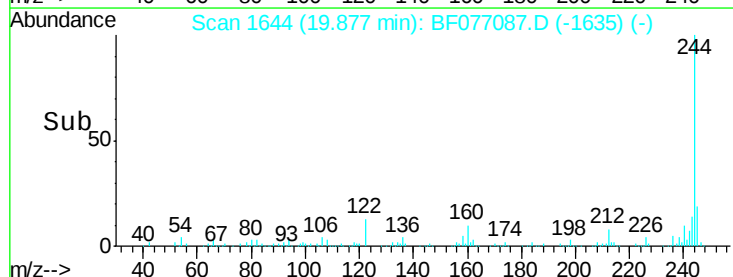
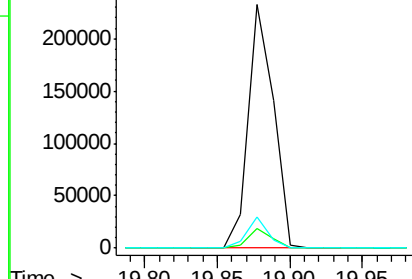


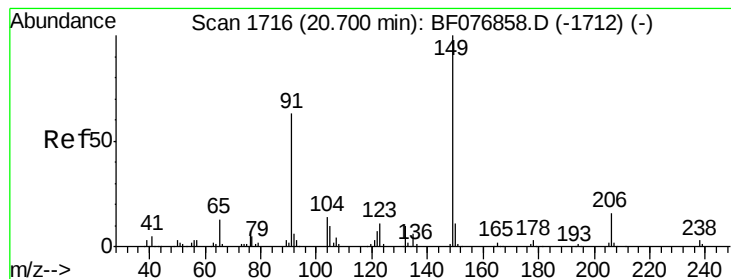
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.88





#79

Butylbenzylphthalate

Concen: 2.24 ng

RT: 20.54 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF077087.D

Acq: 27 Jan 2015 16:27

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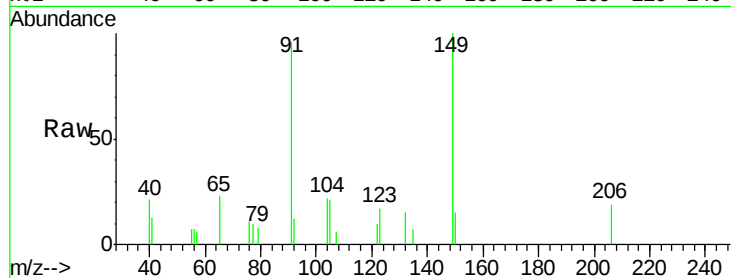
Tgt Ion:149 Resp: 7443

Ion Ratio Lower Upper

149 100

91 95.8 50.6 76.0#

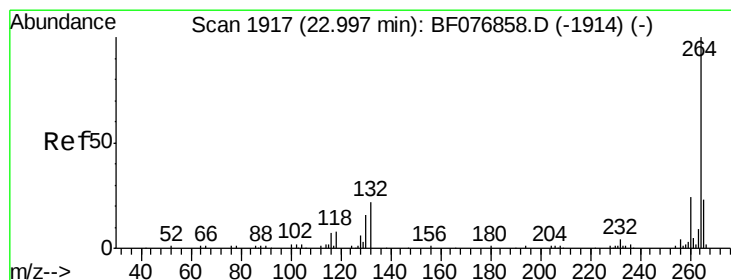
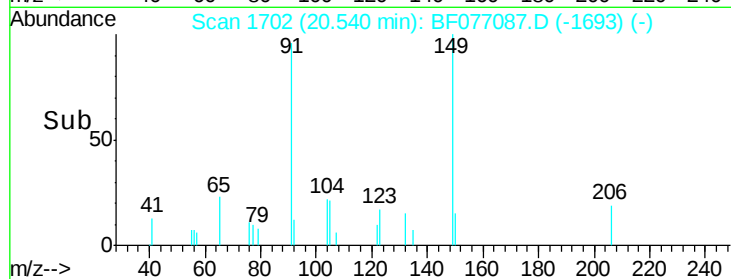
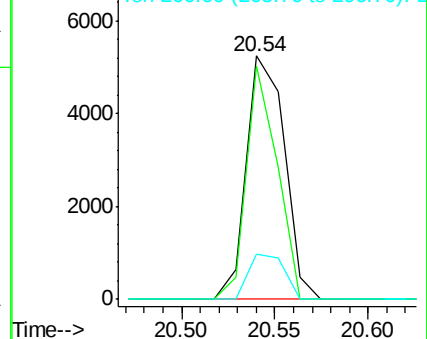
206 18.8 12.8 19.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.96 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BF077087.D

Acq: 27 Jan 2015 16:27

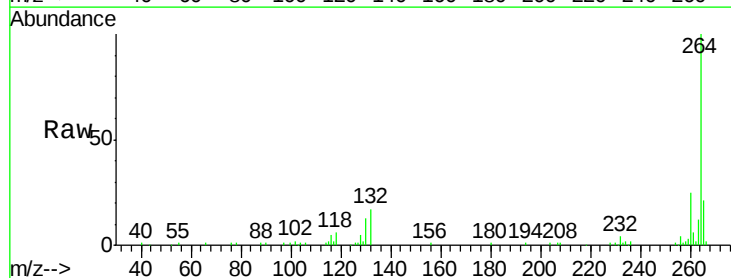
Tgt Ion:264 Resp: 100101

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 21.4 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

