

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
 Data File : BF077198.D
 Acq On : 5 Feb 2015 23:57
 Operator : TP/IZ
 Sample : G1217-01
 Misc : TCLP
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CC-2-CC-3-CC-4-CC-5-CC-6

Quant Time: Feb 06 02:35:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 01:12:44 2015
 Response via : Initial Calibration

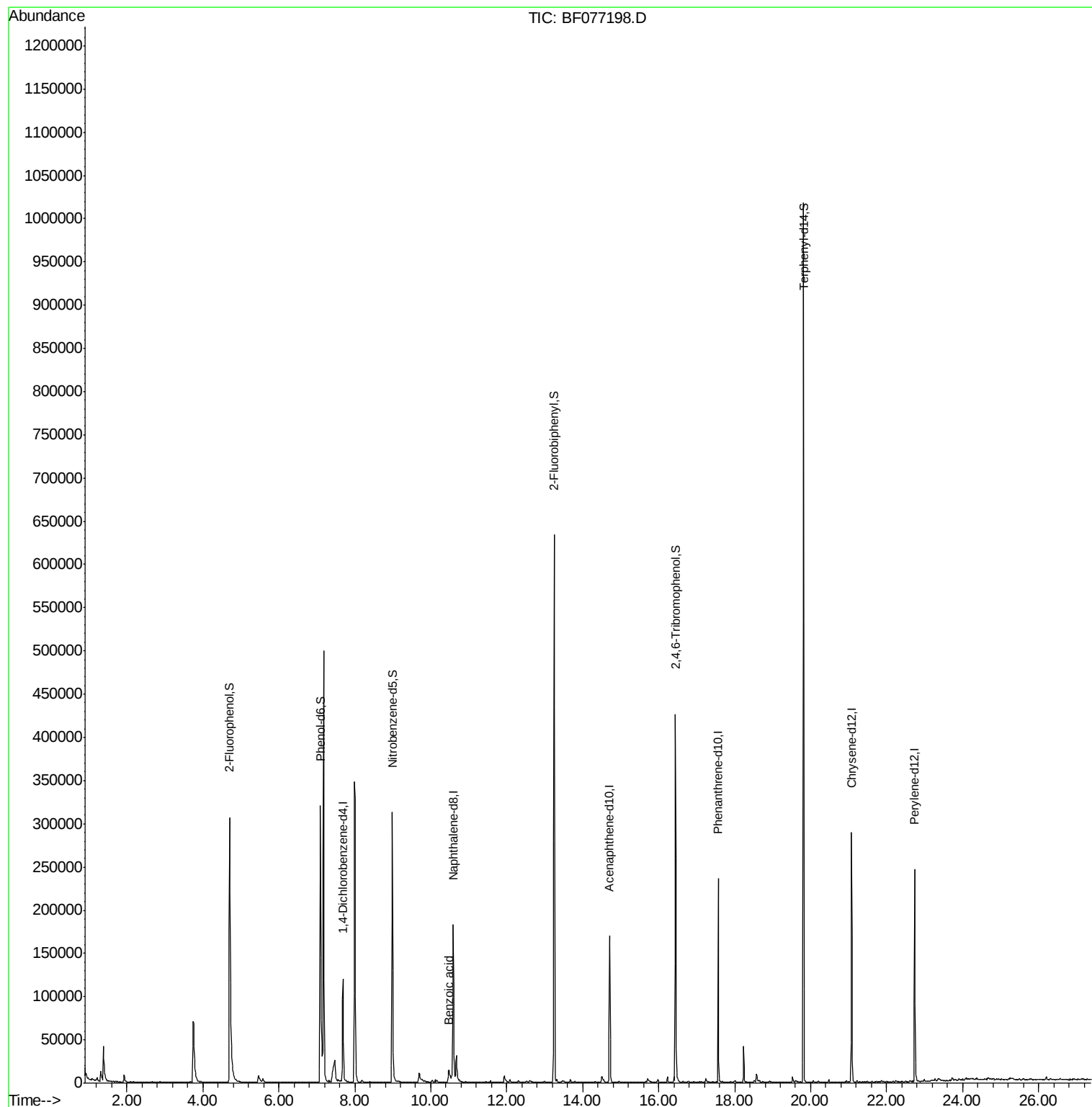
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	34223	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	137687	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	74066	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	124759	20.00	ng	0.00
75) Chrysene-d12	21.07	240	131133	20.00	ng	0.00
86) Perylene-d12	22.74	264	124502	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	200711	96.43	ng	0.01
7) Phenol-d6	7.09	99	227555	86.66	ng	0.00
23) Nitrobenzene-d5	8.99	82	164355	66.13	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	63467	105.56	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	341137	70.09	ng	0.00
78) Terphenyl-d14	19.81	244	382660	67.18	ng	0.00
Target Compounds						
32) Benzoic acid	10.48	122	12883m	11.88	ng	Qvalue

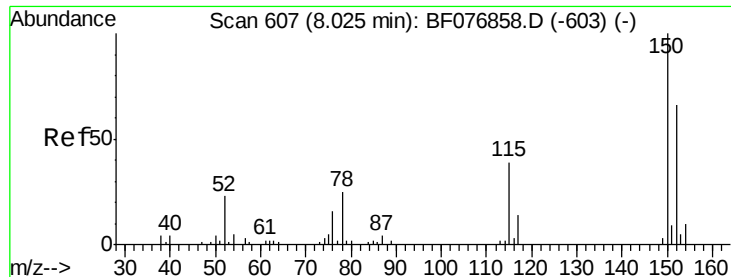
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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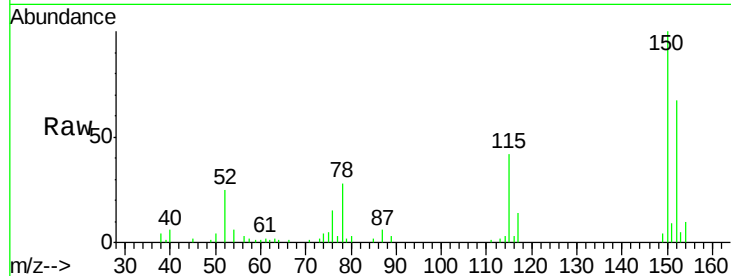




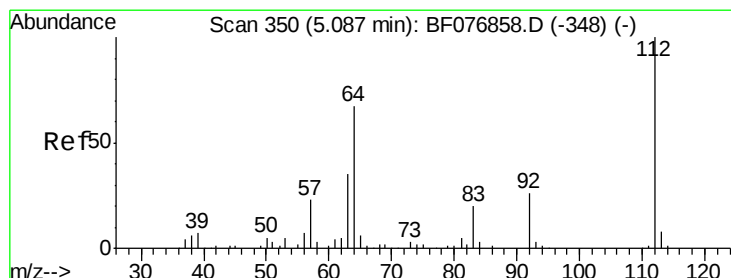
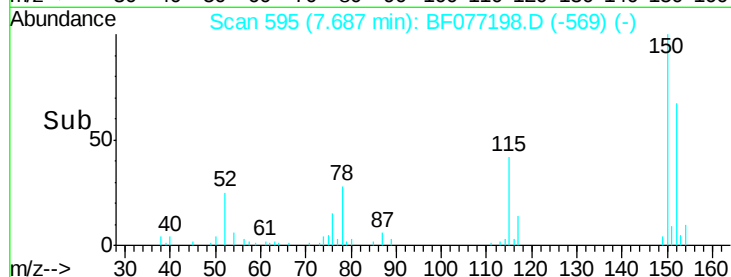
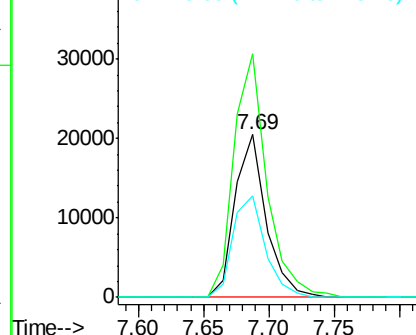
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CC-2-CC-3-CC-4-CC-5-CC-6

Tgt Ion:152 Resp: 34223
 Ion Ratio Lower Upper
 152 100
 150 149.8 121.7 182.5
 115 62.9 47.0 70.6

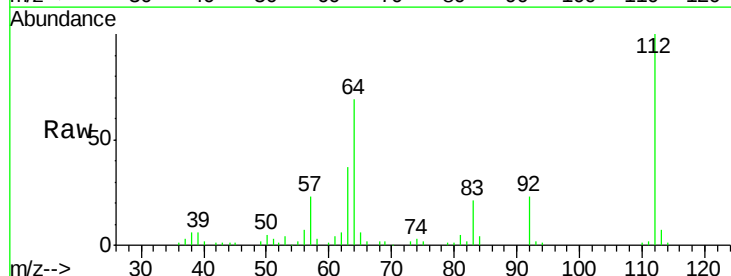


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

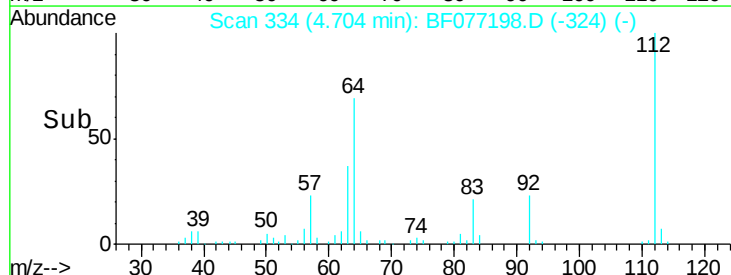
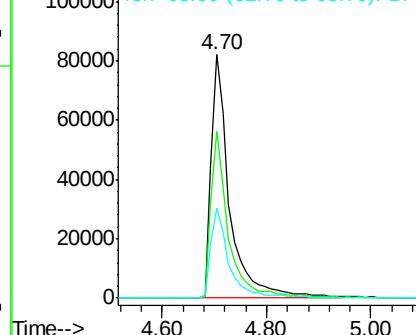


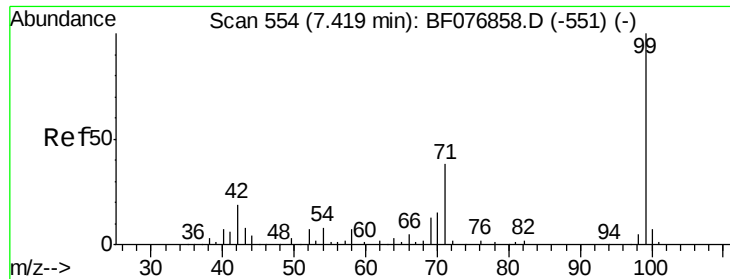
#5
 2-Fluorophenol
 Concen: 96.43 ng
 RT: 4.70 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

Tgt Ion:112 Resp: 200711
 Ion Ratio Lower Upper
 112 100
 64 68.6 54.2 81.4
 63 37.0 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: 86.66 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077198.D

Acq: 5 Feb 2015 23:57

Instrument :

BNA_F

ClientSampleId :

COMP-CC-2-CC-3-CC-4-CC-5-CC-6

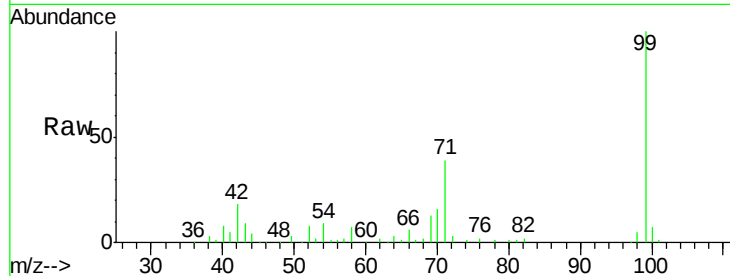
Tgt Ion: 99 Resp: 227555

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

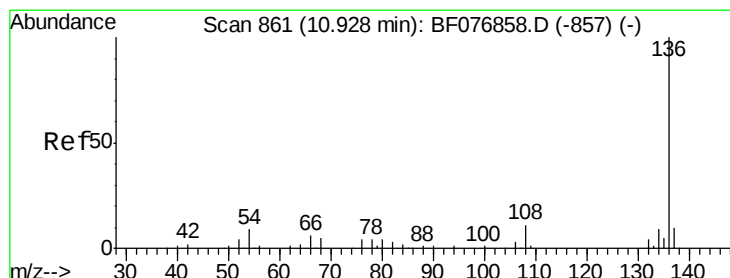
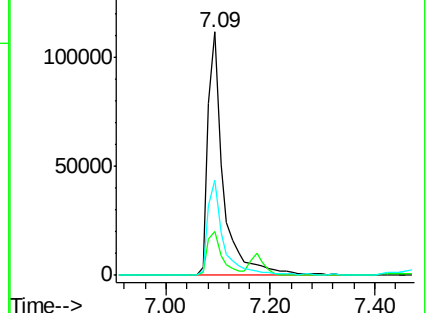
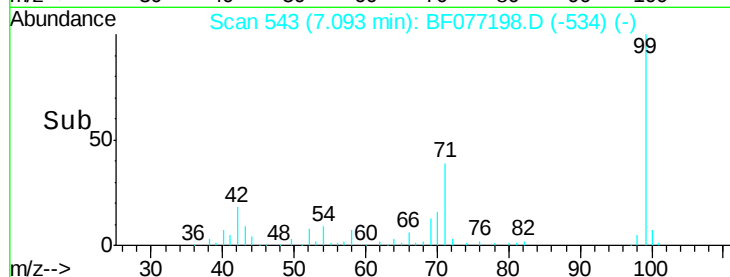
71 39.2 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077198.D

Acq: 5 Feb 2015 23:57

Tgt Ion: 136 Resp: 137687

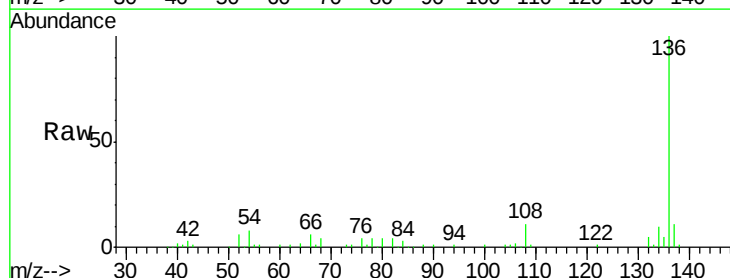
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 8.4 7.0 10.4

68 3.9 3.7 5.5

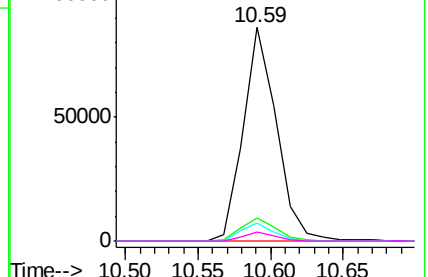
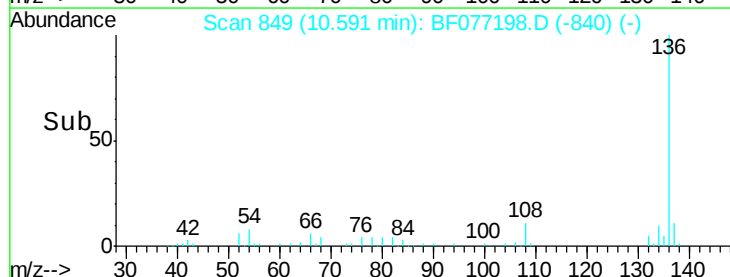


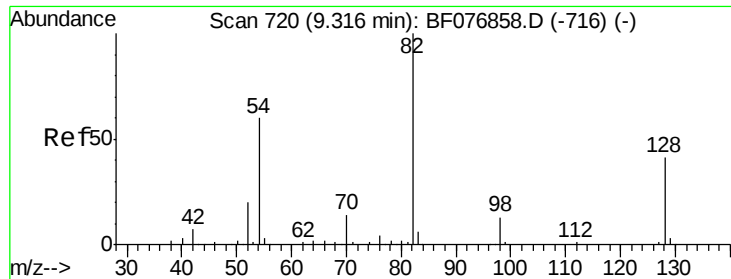
Abundance Ion 136.00 (135.70 to 136.70): E

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

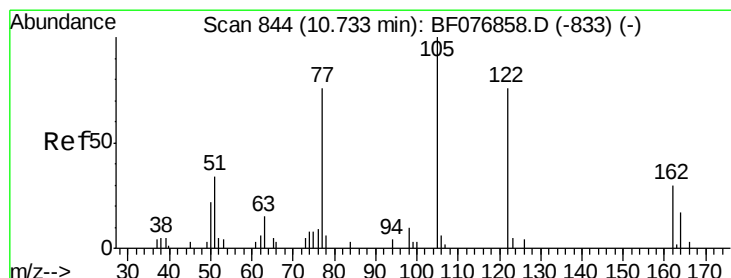
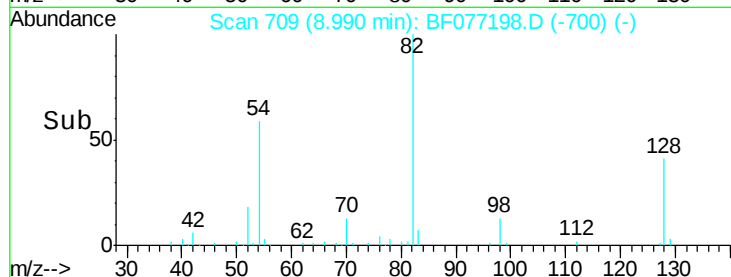
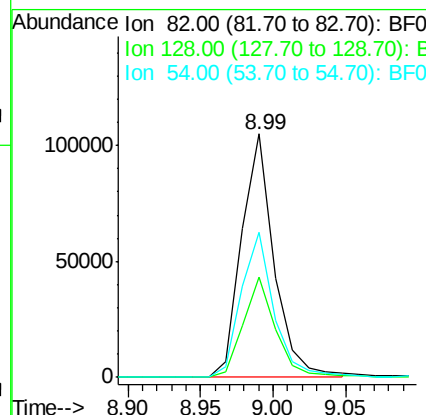
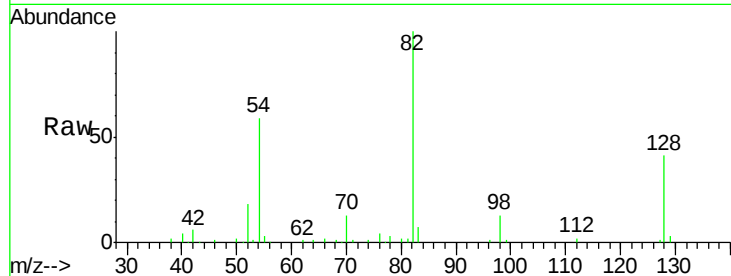




#23
 Nitrobenzene-d5
 Concen: 66.13 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

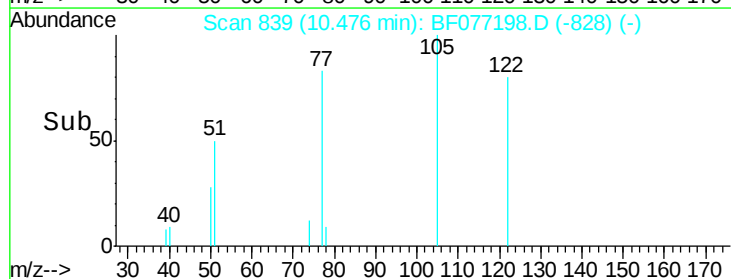
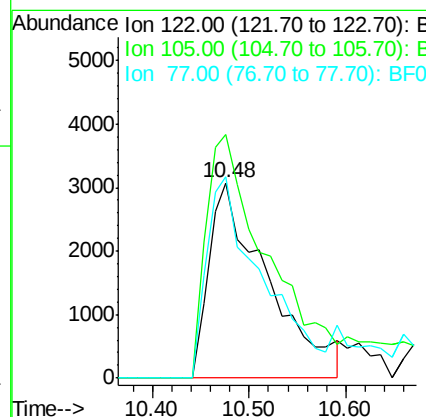
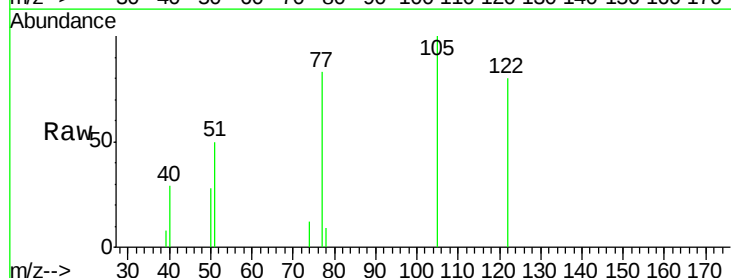
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CC-2-CC-3-CC-4-CC-5-CC-6

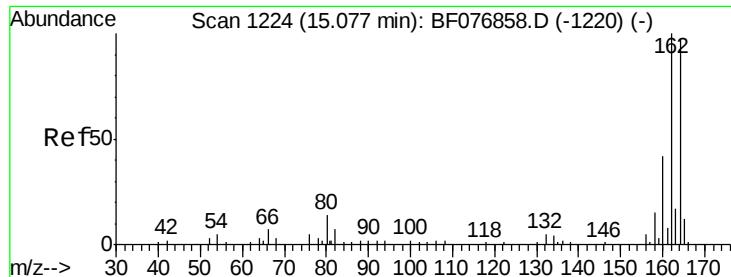
Tgt Ion:	82	Resp:	164355
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.1	49.7
54	59.5	48.3	72.5



#32
 Benzoic acid
 Concen: 11.88 ng m
 RT: 10.48 min Scan# 839
 Delta R.T. 0.02 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

Tgt Ion:	122	Resp:	12883
Ion	Ratio	Lower	Upper
122	100		
105	124.5	111.3	151.3
77	102.9	79.2	119.2

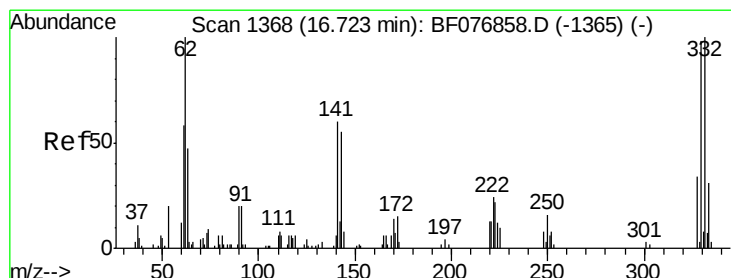
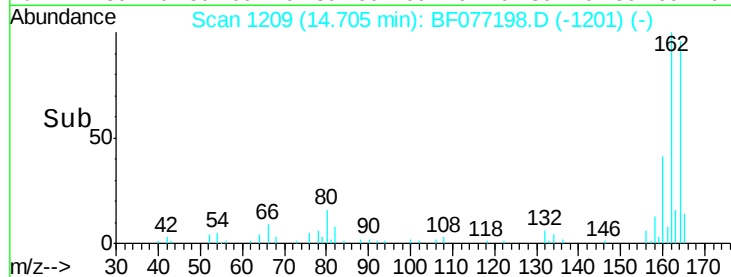
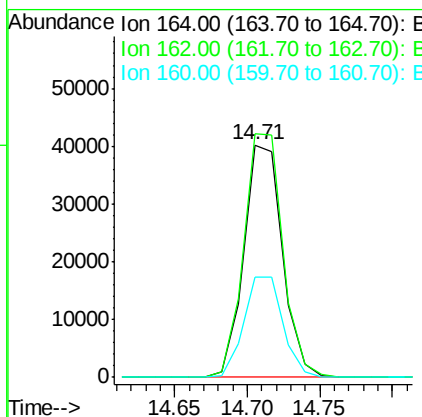
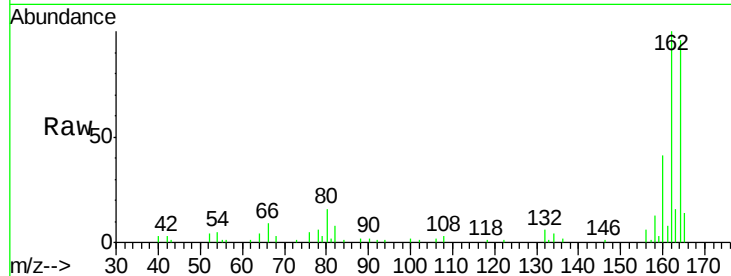




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

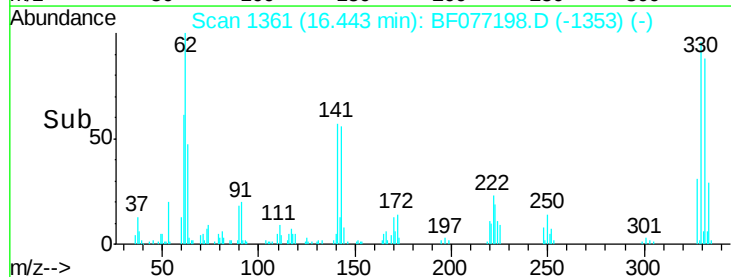
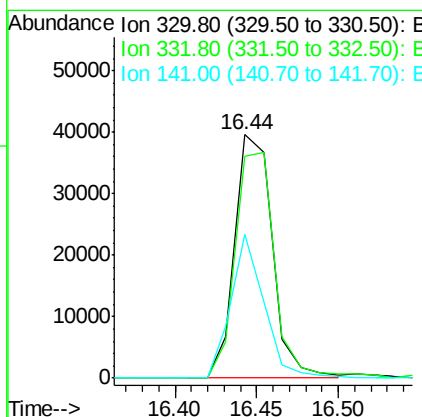
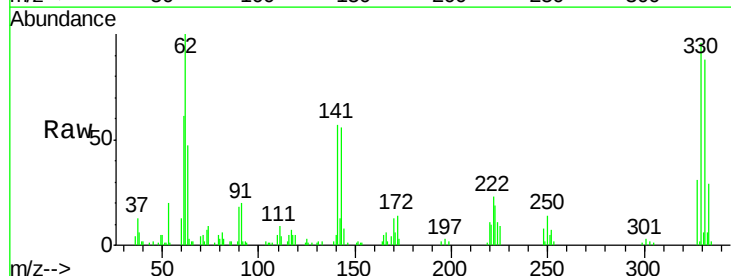
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CC-2-CC-3-CC-4-CC-5-CC-6

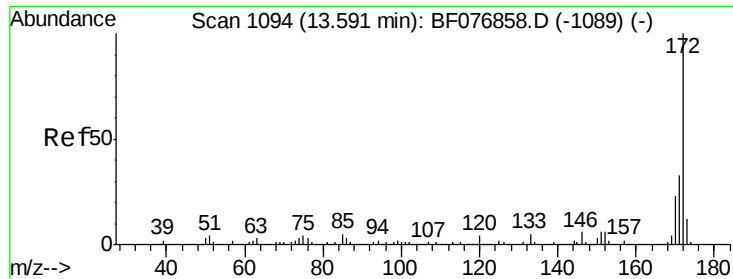
Tgt Ion:164 Resp: 74066
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 43.1 34.8 52.2



#41
 2,4,6-Tribromophenol
 Concen: 105.56 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

Tgt Ion:330 Resp: 63467
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 51.7 38.5 57.7

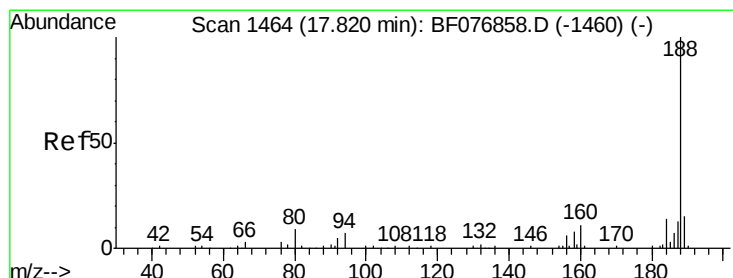
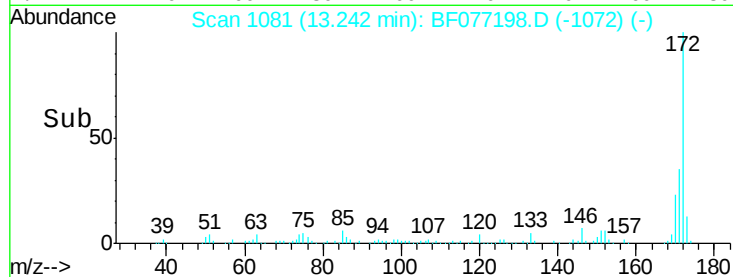
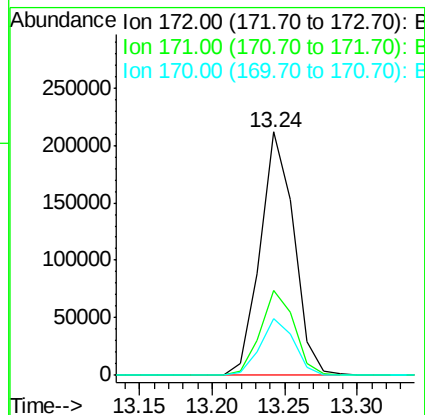
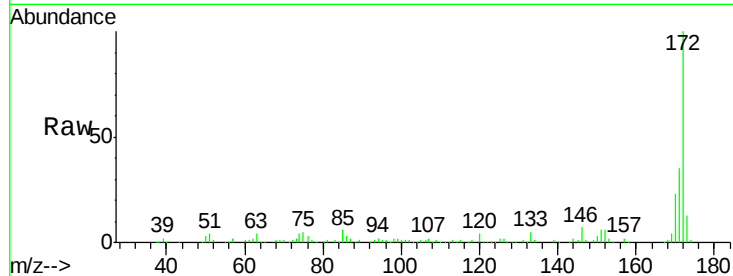




#44
 2-Fluorobiphenyl
 Concen: 70.09 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

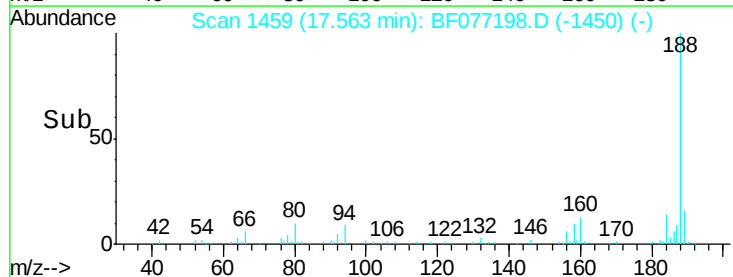
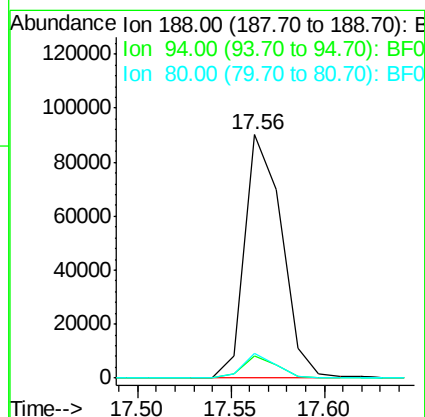
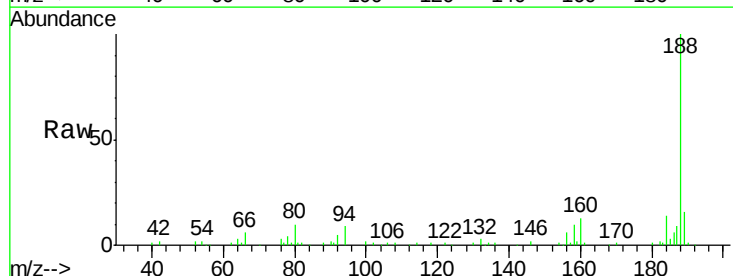
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 BNA_F
 ClientSampleId :
 COMP-CC-2-CC-3-CC-4-CC-5-CC-6

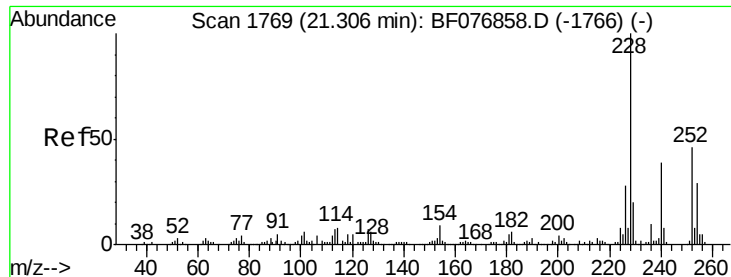
Tgt Ion:172 Resp: 341137
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 23.2 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF077198.D
 Acq: 5 Feb 2015 23:57

Tgt Ion:188 Resp: 124759
 Ion Ratio Lower Upper
 188 100
 94 9.2 6.0 9.0#
 80 11.2 6.9 10.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.07 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF077198.D

Acq: 5 Feb 2015 23:57

Instrument :

BNA_F

ClientSampleId :

COMP-CC-2-CC-3-CC-4-CC-5-CC-6

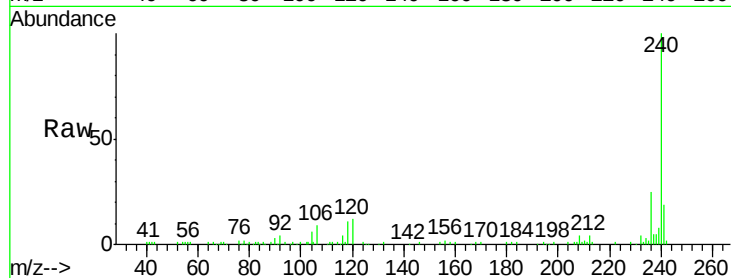
Tgt Ion:240 Resp: 131133

Ion Ratio Lower Upper

240 100

120 12.2 10.4 15.6

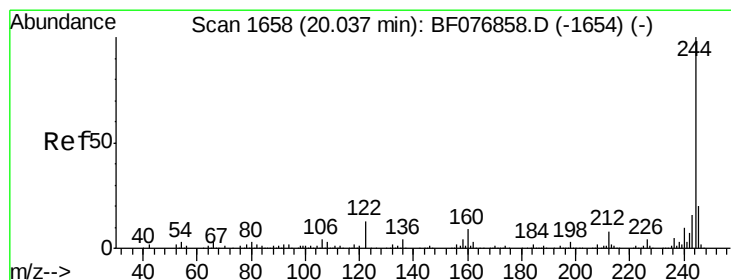
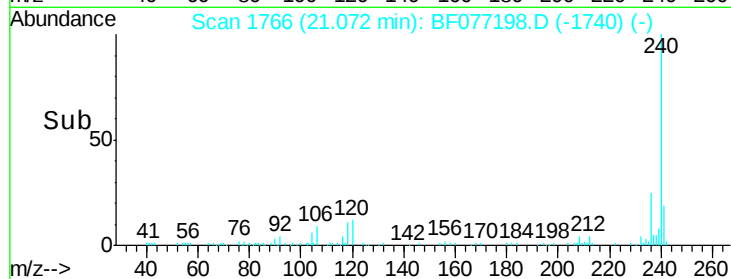
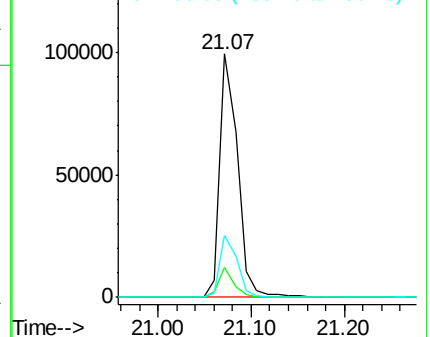
236 25.2 20.2 30.2



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: 67.18 ng

RT: 19.81 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BF077198.D

Acq: 5 Feb 2015 23:57

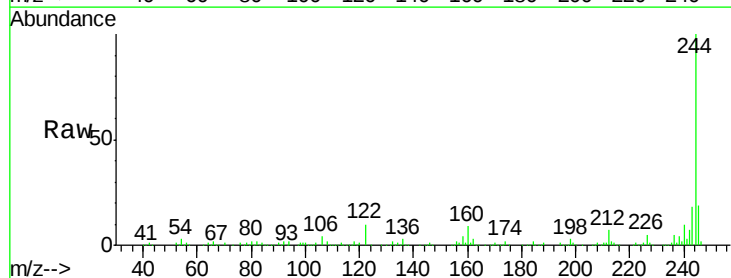
Tgt Ion:244 Resp: 382660

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

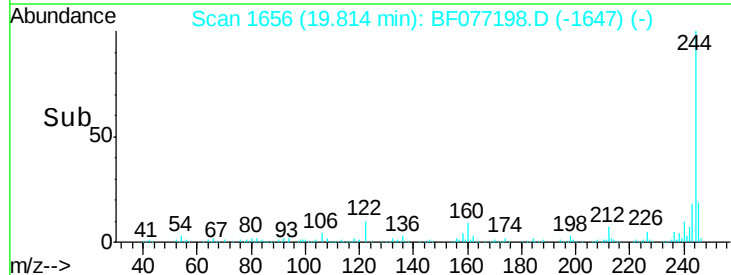
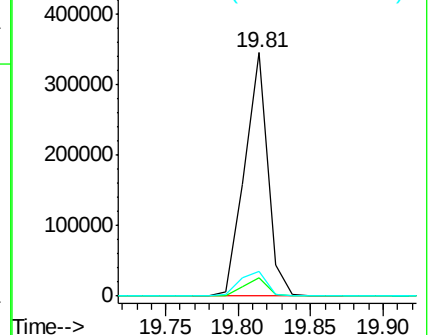
122 10.0 10.1 15.1#

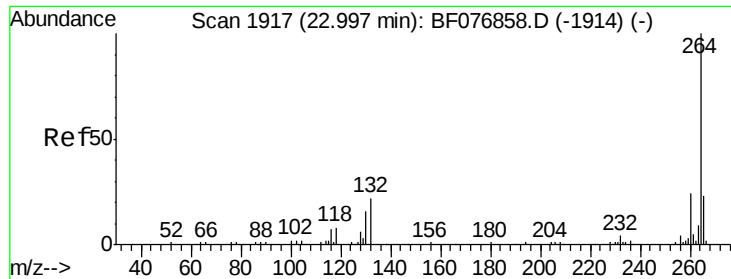


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

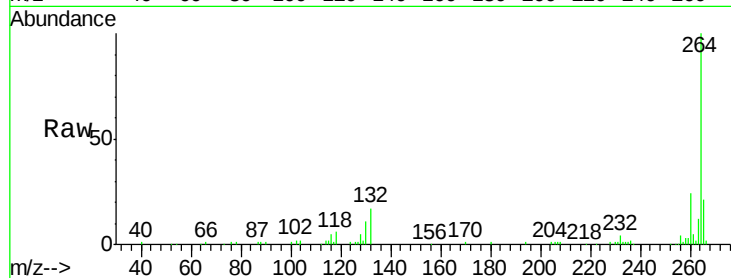




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.74 min Scan# 1912
Delta R.T. 0.02 min
Lab File: BF077198.D
Acq: 5 Feb 2015 23:57

Instrument :
BNA_F
ClientSampleId :
COMP-CC-2-CC-3-CC-4-CC-5-CC-6

Tgt Ion: 264 Resp: 124502
Ion Ratio Lower Upper
264 100
260 23.9 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

