

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041415\
 Data File : BF078534.D
 Acq On : 15 Apr 2015 10:07
 Operator : TP/IZ
 Sample : G1823-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Apr 15 12:01:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:39:18 2015
 Response via : Initial Calibration

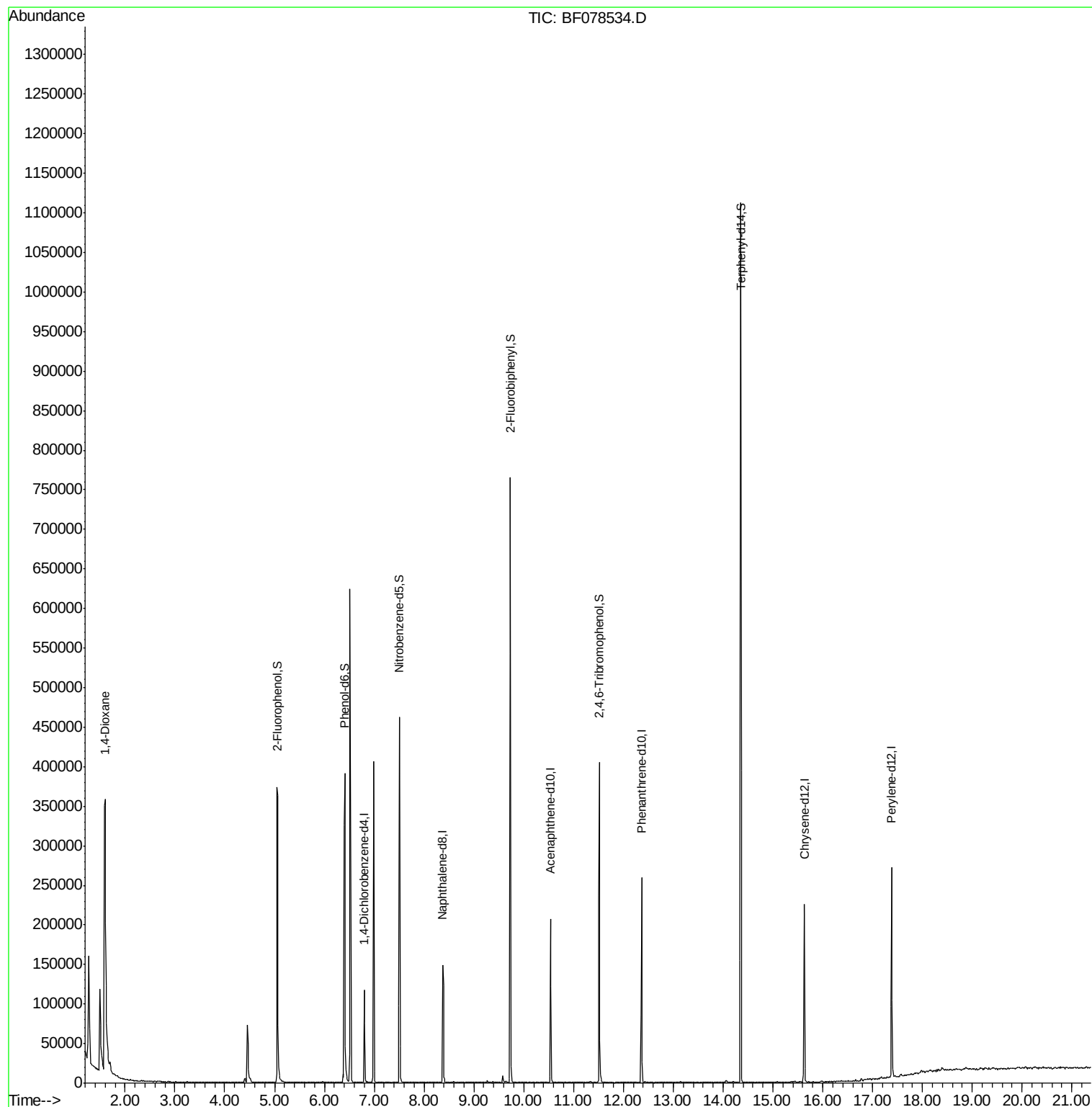
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	24544	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	101166	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	52827	20.00	ng	-0.01
63) Phenanthrene-d10	12.36	188	109053	20.00	ng	0.00
75) Chrysene-d12	15.63	240	126091	20.00	ng	0.00
86) Perylene-d12	17.38	264	124370	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	177016	118.91	ng	0.01
7) Phenol-d6	6.41	99	208533	111.78	ng	0.00
23) Nitrobenzene-d5	7.51	82	149670	89.67	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	61564	140.52	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	322475	87.26	ng	0.00
78) Terphenyl-d14	14.35	244	411643	73.77	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.60	88	18749	27.85	ng	Qvalue # 23

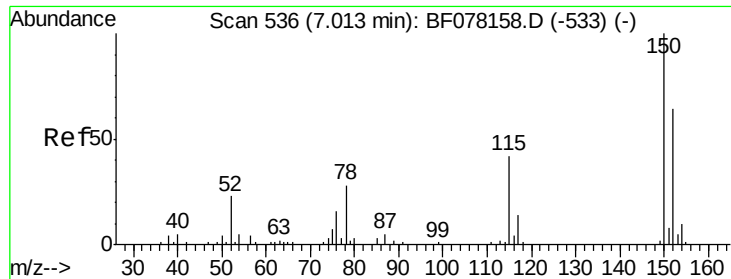
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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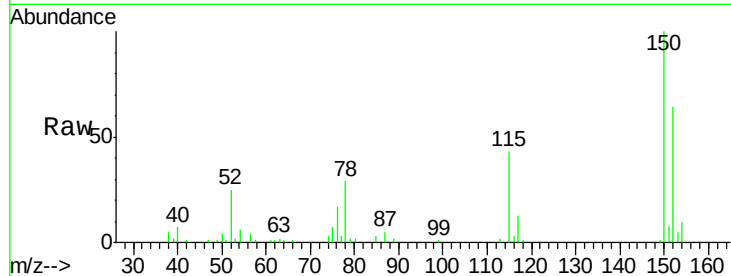




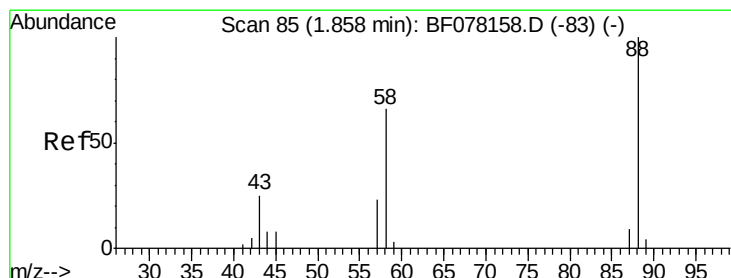
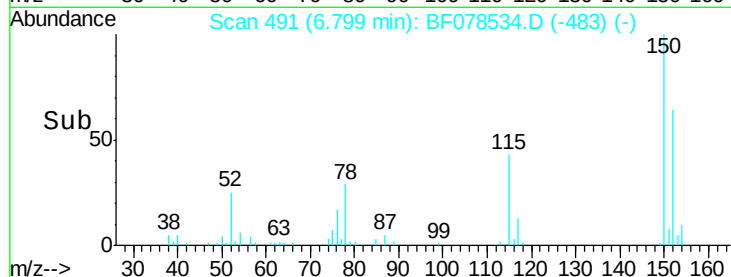
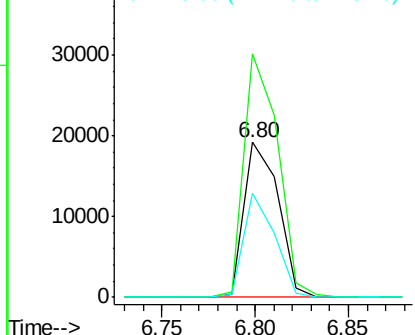
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:152 Resp: 24544
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.9 188.9
 115 67.3 52.7 79.1

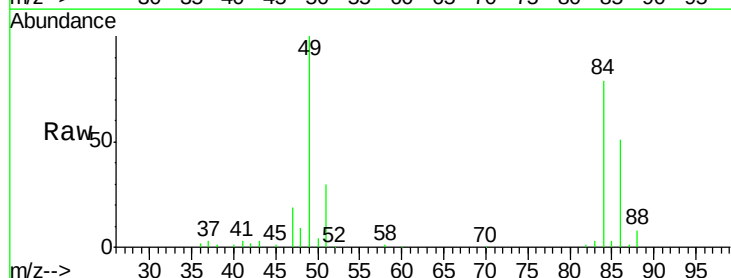


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

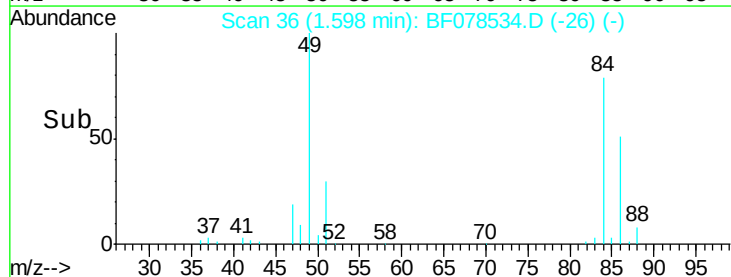
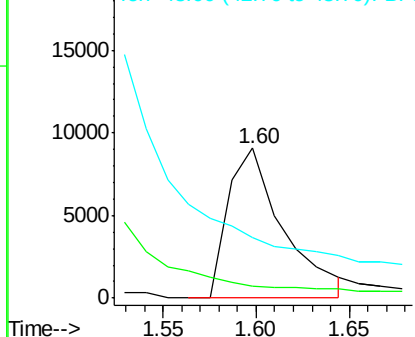


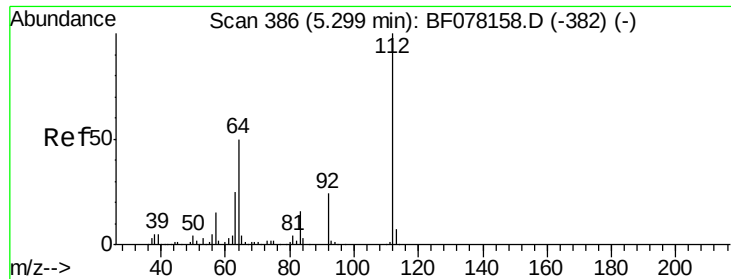
#2
 1,4-Dioxane
 Concen: 27.85 ng
 RT: 1.60 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

Tgt Ion: 88 Resp: 18749
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.9 85.3#
 43 0.0 21.4 32.2#



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: 118.91 ng

RT: 5.06 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF078534.D

Acq: 15 Apr 2015 10:07

Instrument :

BNA_F

ClientSampleId :

SP-2

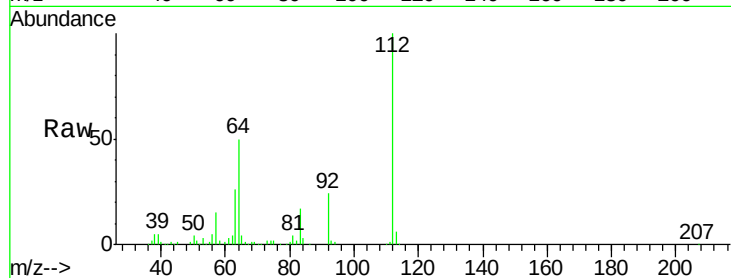
Tgt Ion:112 Resp: 177016

Ion Ratio Lower Upper

112 100

64 50.1 39.9 59.9

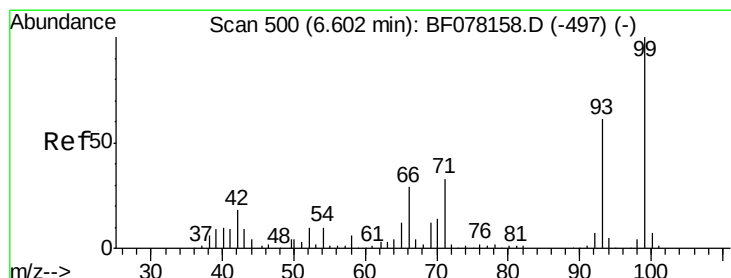
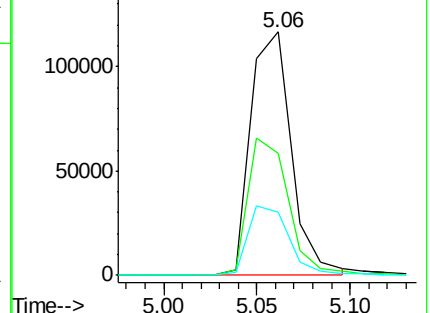
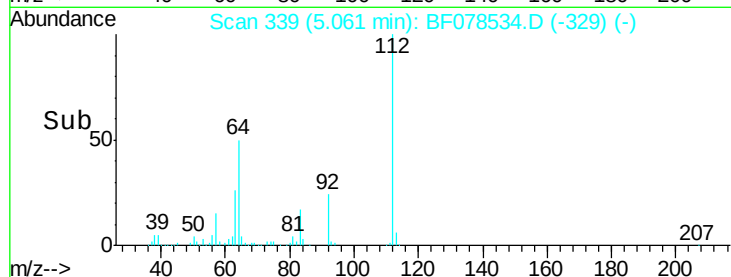
63 25.8 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 111.78 ng

RT: 6.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF078534.D

Acq: 15 Apr 2015 10:07

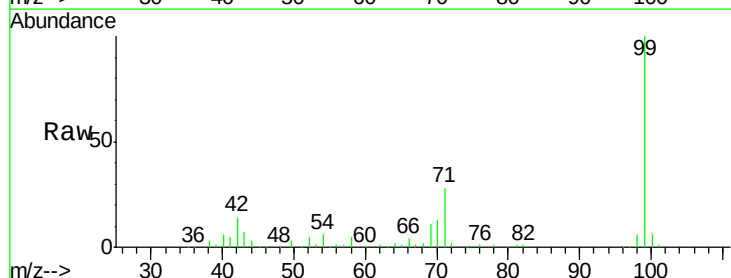
Tgt Ion: 99 Resp: 208533

Ion Ratio Lower Upper

99 100

42 14.1 14.8 22.2#

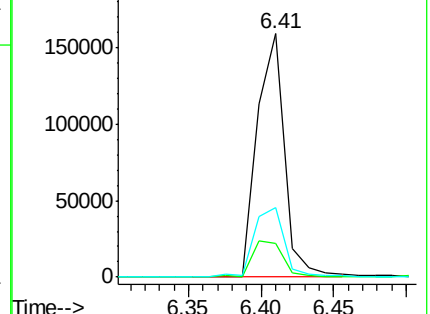
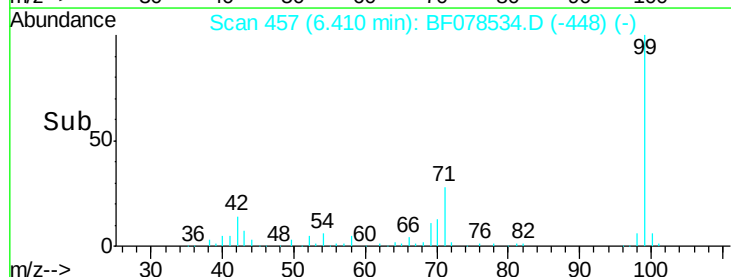
71 28.4 26.6 39.8

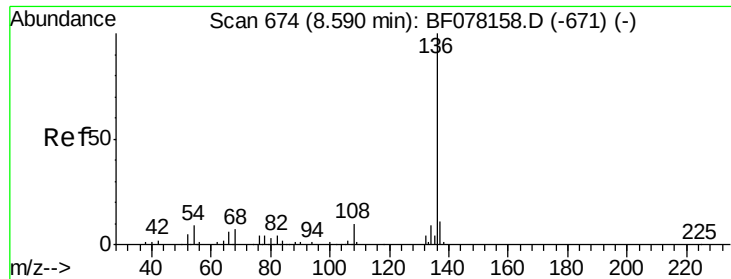


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

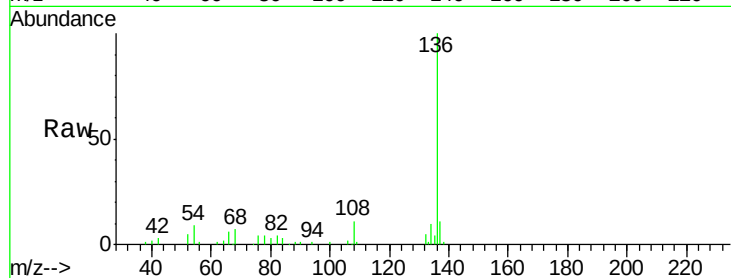




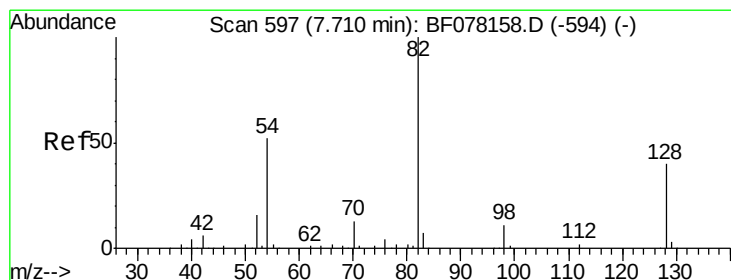
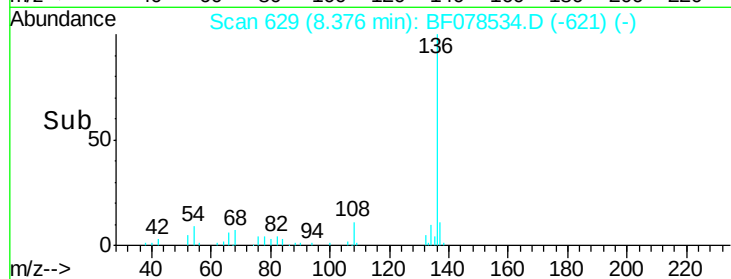
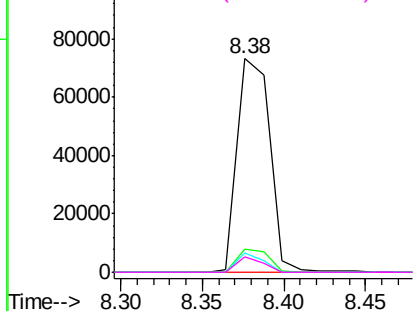
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078534.D
Acq: 15 Apr 2015 10:07

Instrument :
BNA_F
ClientSampled :
SP-2

Tgt Ion:	136	Resp:	101166
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.8	7.0	10.6
68	7.2	5.4	8.2

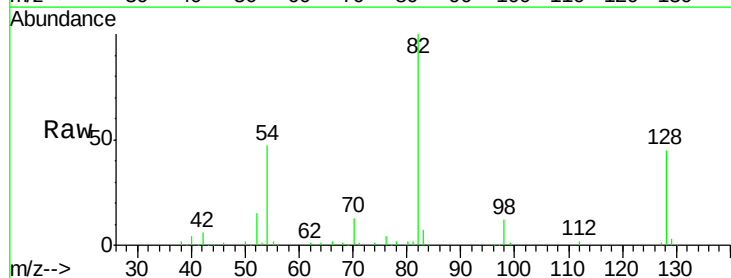


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

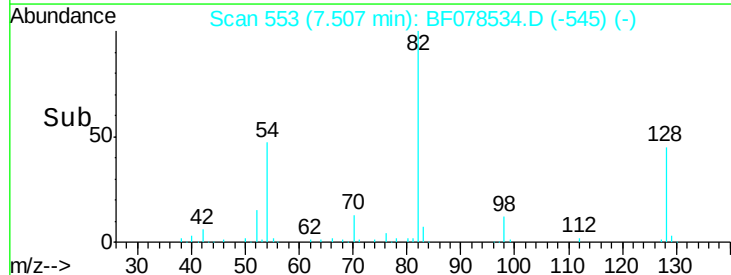
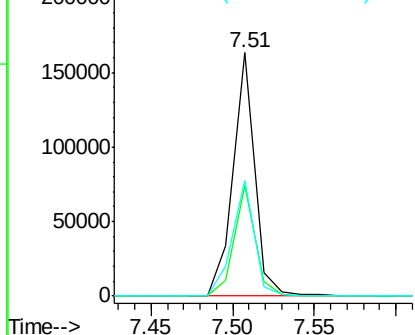


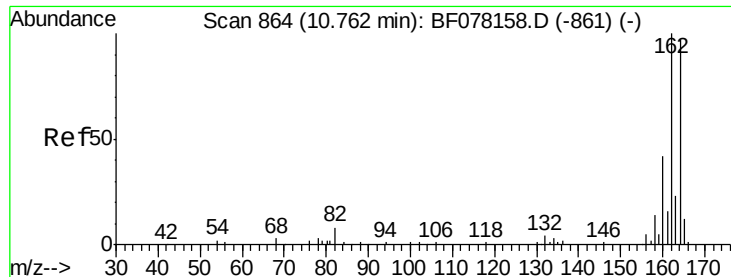
#23
Nitrobenzene-d5
Concen: 89.67 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF078534.D
Acq: 15 Apr 2015 10:07

Tgt Ion:	82	Resp:	149670
Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.8	47.8
54	47.4	41.5	62.3



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

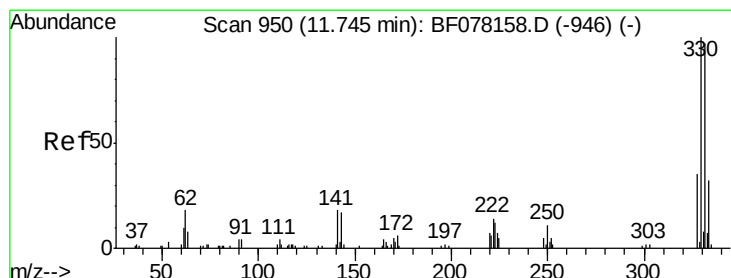
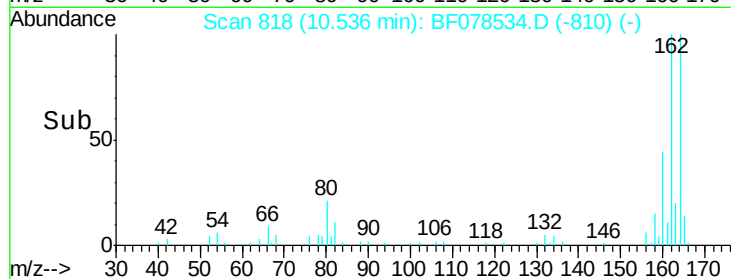
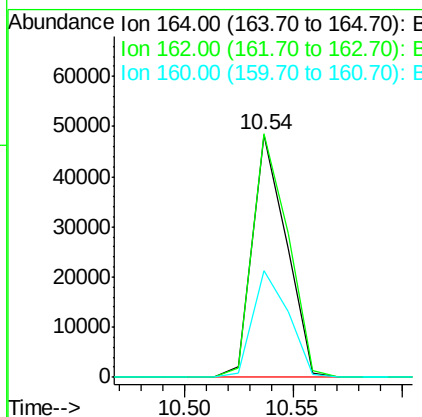
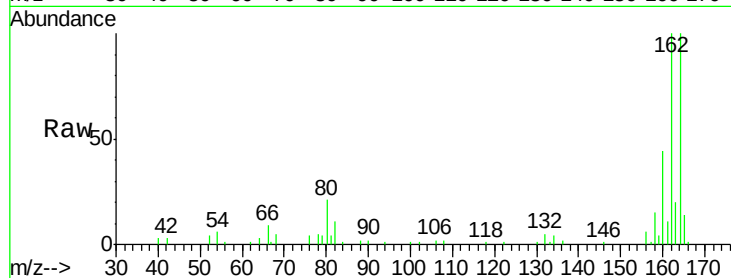




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

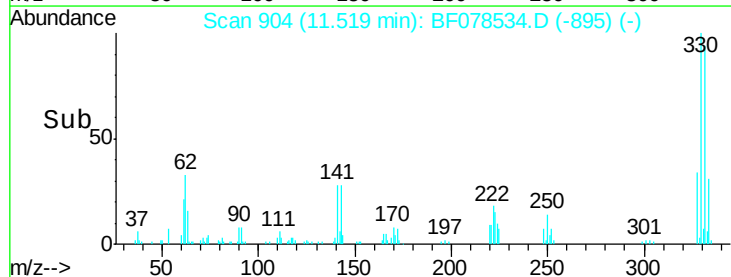
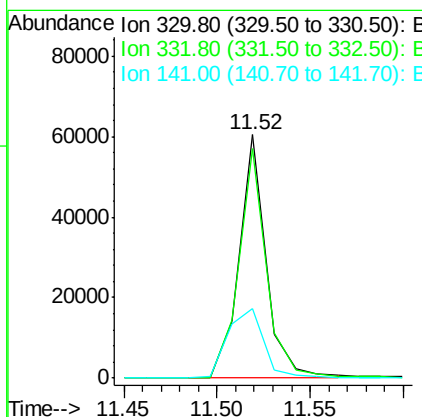
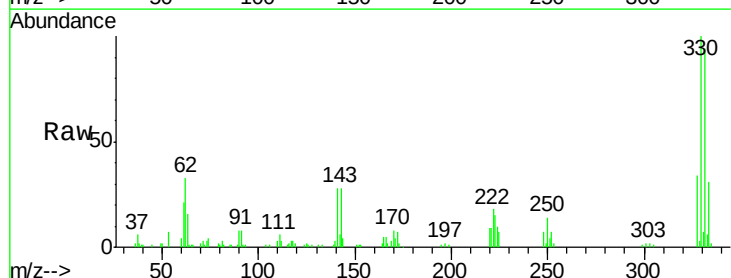
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

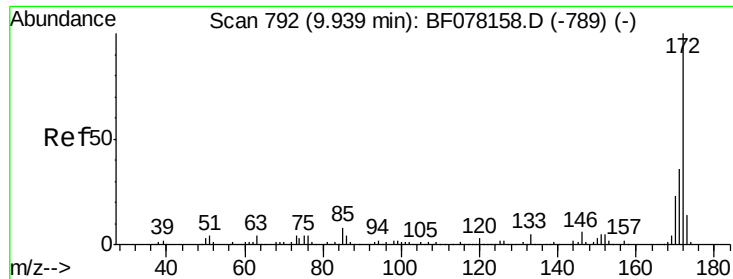
Tgt Ion:164 Resp: 52827
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.2 123.2
 160 44.1 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 140.52 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

Tgt Ion:330 Resp: 61564
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.6 117.8
 141 37.8 31.2 46.8

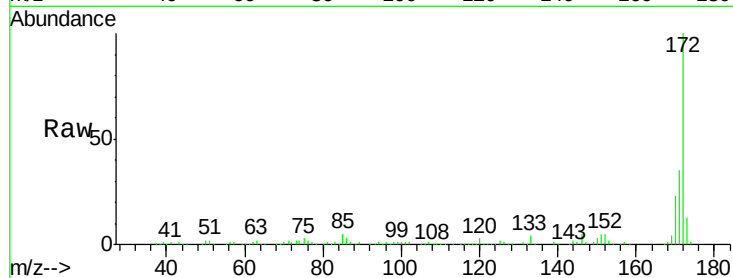




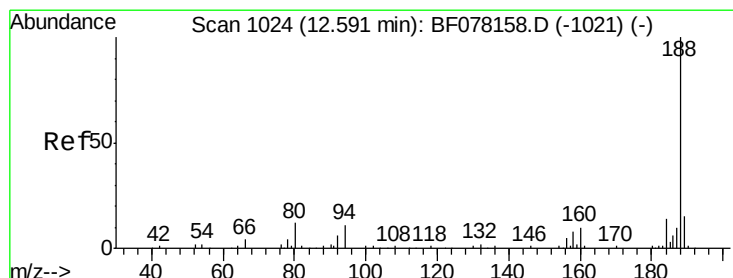
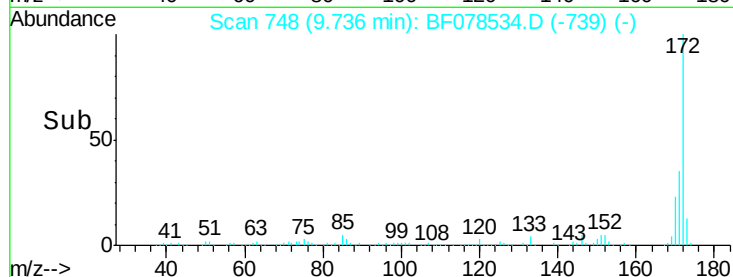
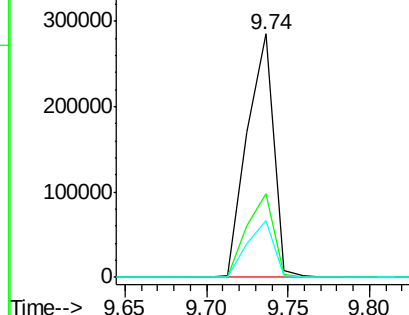
#44
 2-Fluorobiphenyl
 Concen: 87.26 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:172 Resp: 322475
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 42.8
 170 23.4 18.5 27.7

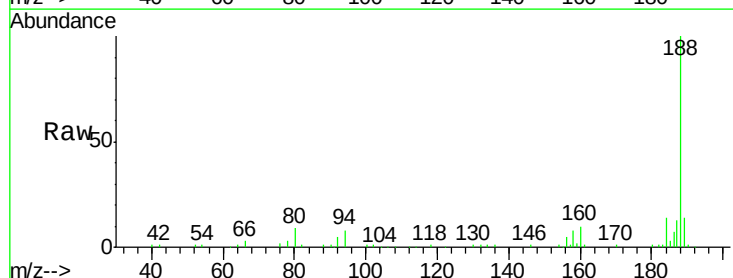


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

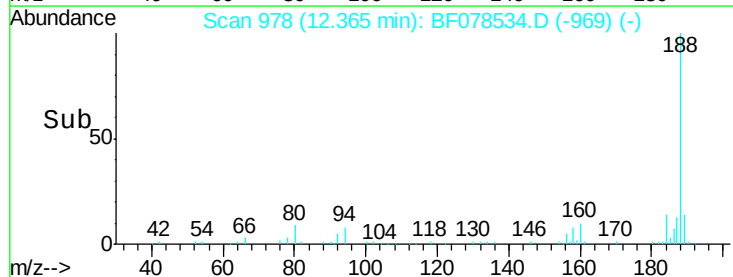
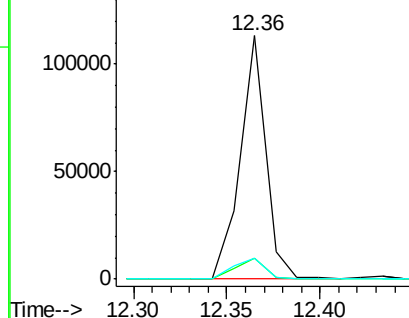


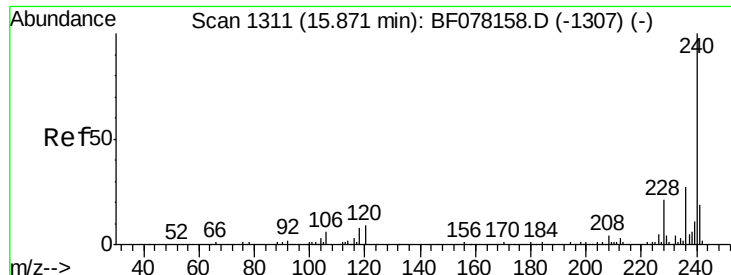
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

Tgt Ion:188 Resp: 109053
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.4#
 80 8.5 9.5 14.3#



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

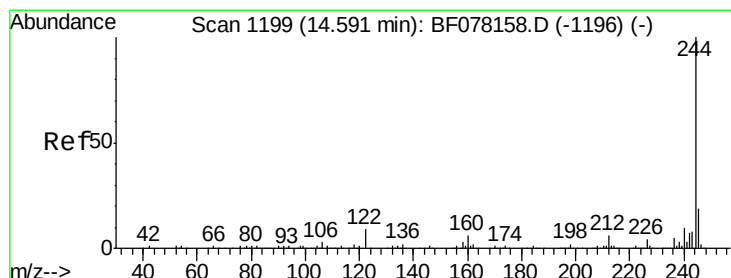
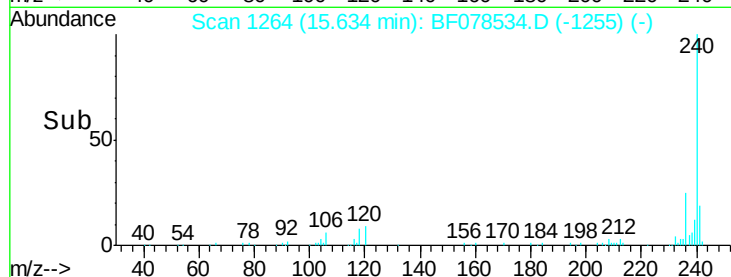
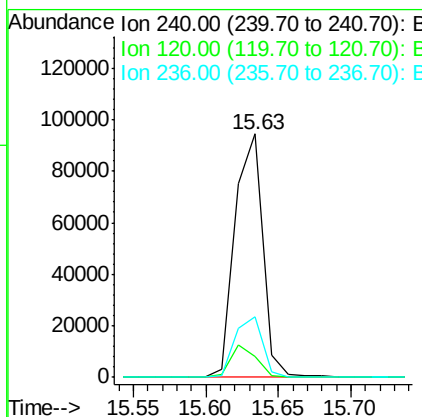
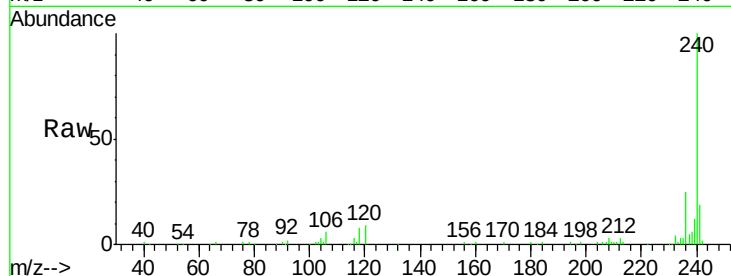




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

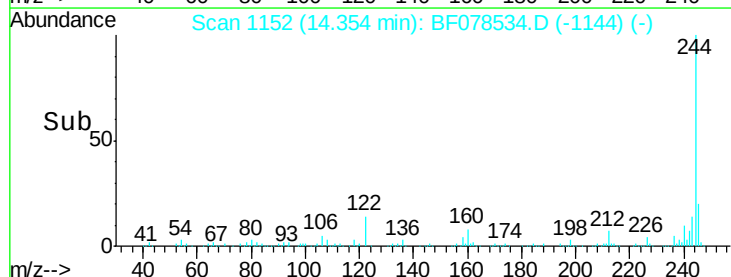
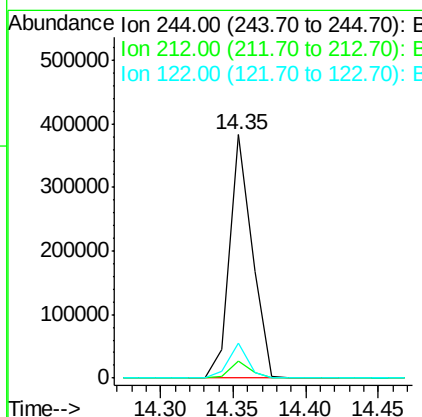
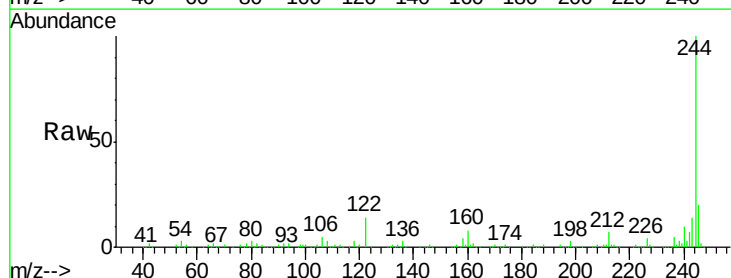
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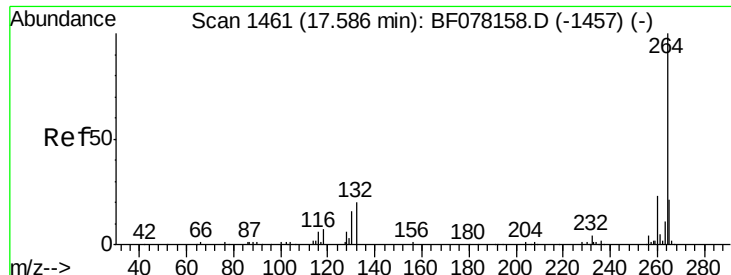
Tgt Ion:240 Resp: 126091
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.1 10.7
 236 24.8 21.4 32.2



#78
 Terphenyl-d14
 Concen: 73.77 ng
 RT: 14.35 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF078534.D
 Acq: 15 Apr 2015 10:07

Tgt Ion:244 Resp: 411643
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 14.3 7.1 10.7#

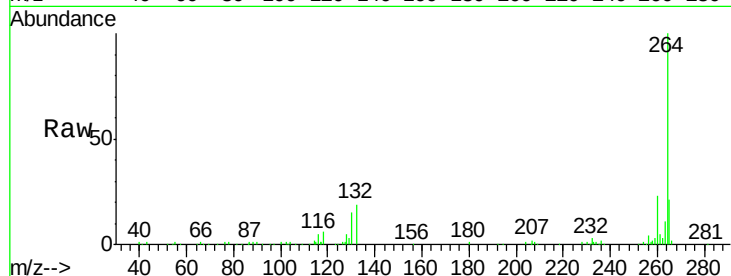




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1417
Delta R.T. 0.06 min
Lab File: BF078534.D
Acq: 15 Apr 2015 10:07

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion: 264 Resp: 124370
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 20.6 17.0 25.6



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

