

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041415\
 Data File : BF078535.D
 Acq On : 15 Apr 2015 10:36
 Operator : TP/IZ
 Sample : G1823-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Apr 15 12:02:16 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

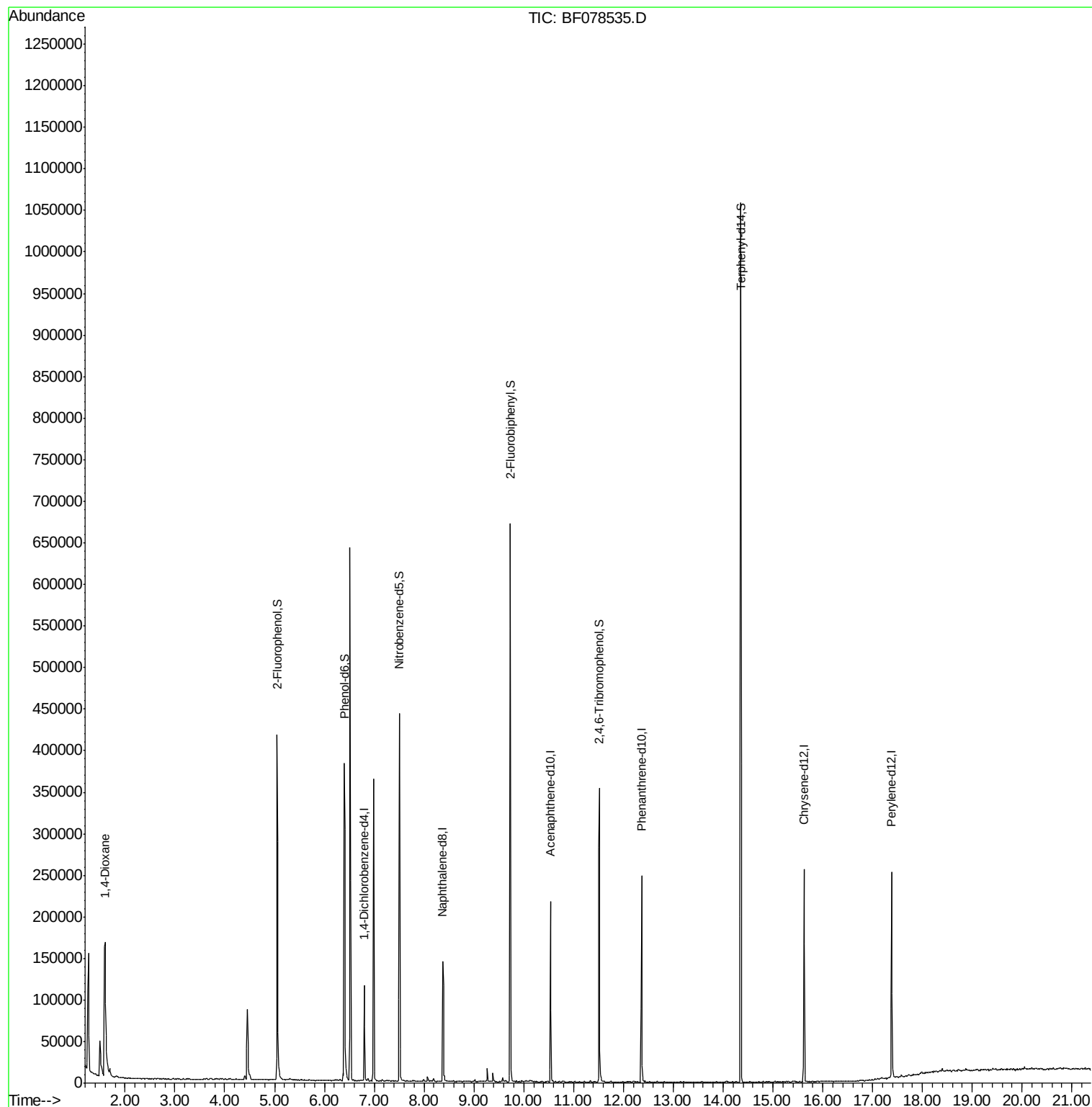
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	22282	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	95840	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	49725	20.00	ng	-0.01
63) Phenanthrene-d10	12.37	188	104542	20.00	ng	0.00
75) Chrysene-d12	15.62	240	122119	20.00	ng	-0.01
86) Perylene-d12	17.38	264	118479	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	170304	126.02	ng	0.00
7) Phenol-d6	6.40	99	197750	116.76	ng	-0.01
23) Nitrobenzene-d5	7.51	82	143147	90.53	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	58656	142.23	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	307773	88.47	ng	0.00
78) Terphenyl-d14	14.35	244	408512	75.59	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.60	88	8443	13.82	ng	Qvalue # 23

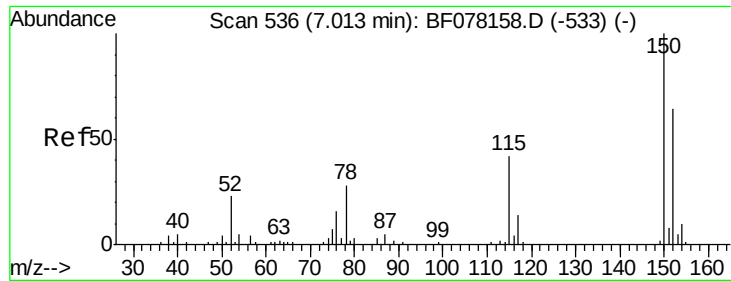
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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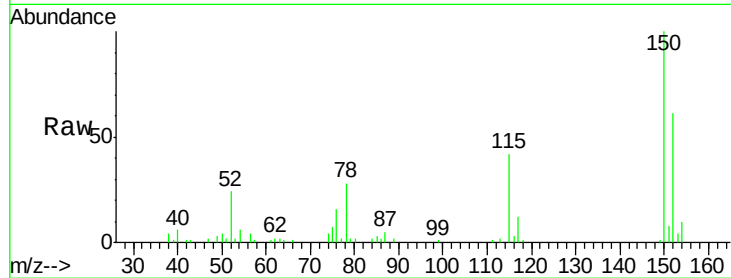


#1

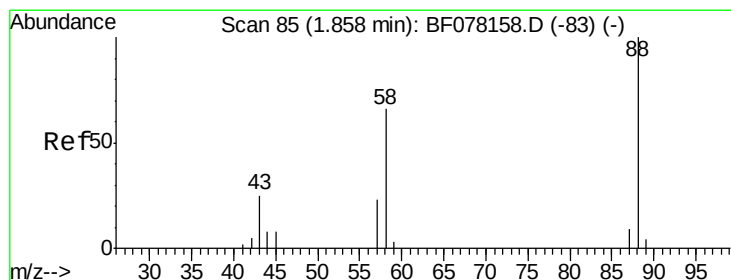
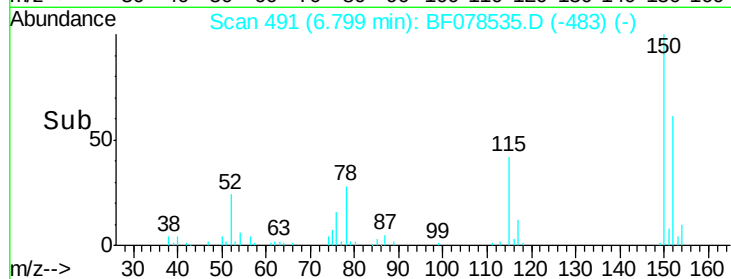
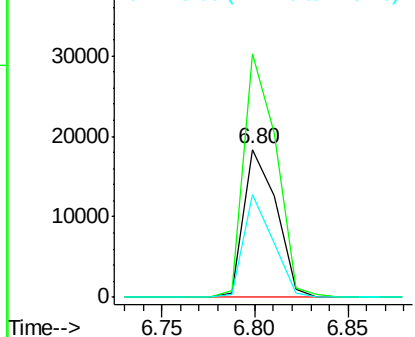
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF078535.D
Acq: 15 Apr 2015 10:36

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:152 Resp: 22282
Ion Ratio Lower Upper
152 100
150 164.5 125.9 188.9
115 69.0 52.7 79.1



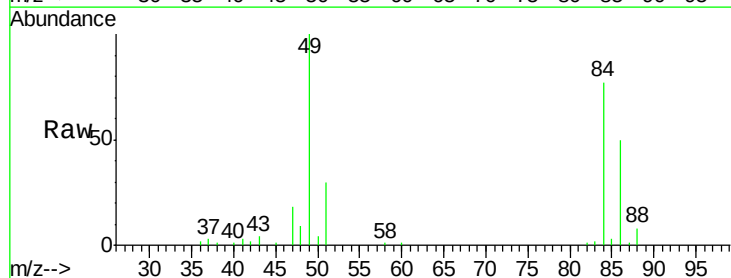
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



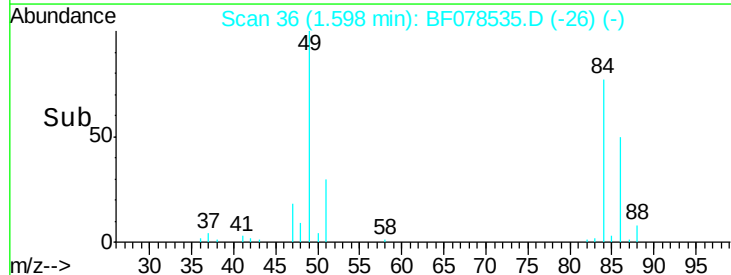
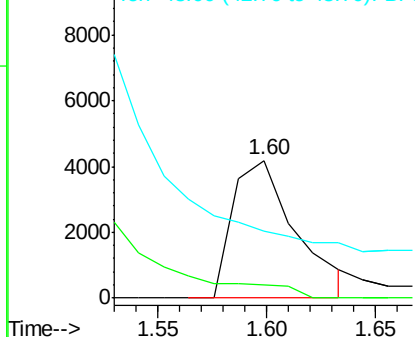
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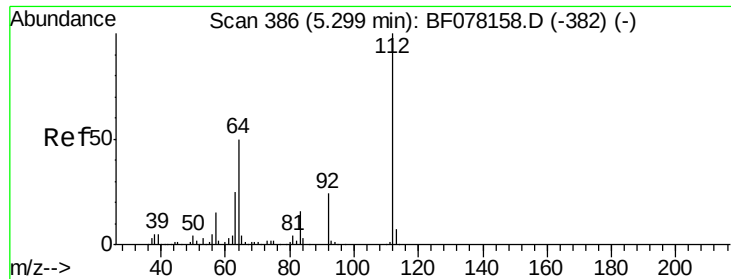
1,4-Dioxane
Concen: 13.82 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078535.D
Acq: 15 Apr 2015 10:36

Tgt Ion: 88 Resp: 8443
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: 126.02 ng

RT: 5.05 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF078535.D

Acq: 15 Apr 2015 10:36

Instrument :

BNA_F

ClientSampleId :

SP-3

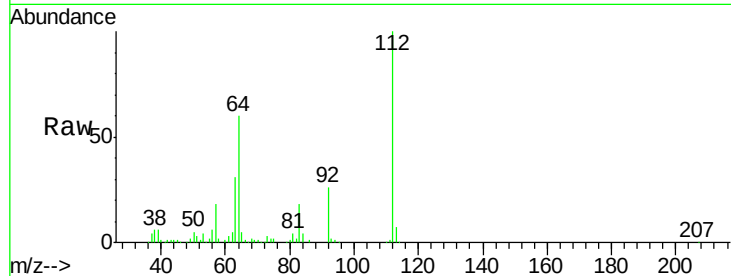
Tgt Ion:112 Resp: 170304

Ion Ratio Lower Upper

112 100

64 60.4 39.9 59.9#

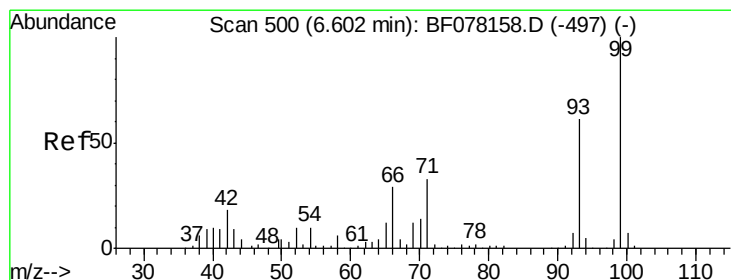
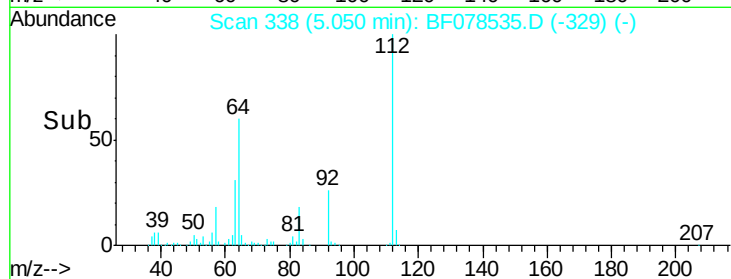
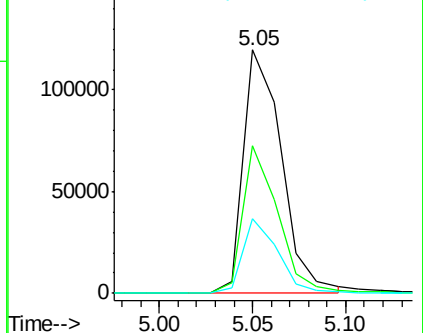
63 30.9 20.2 30.4#



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: 116.76 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF078535.D

Acq: 15 Apr 2015 10:36

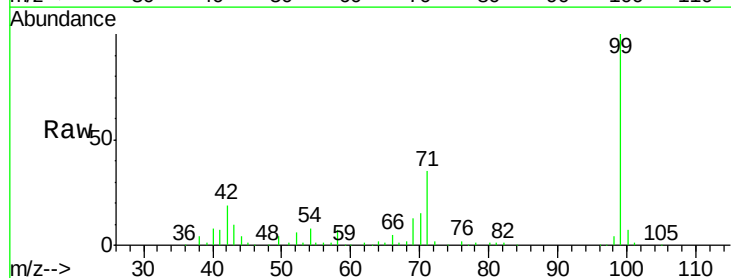
Tgt Ion: 99 Resp: 197750

Ion Ratio Lower Upper

99 100

42 19.4 14.8 22.2

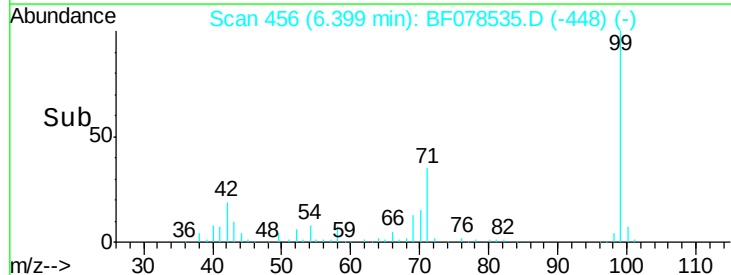
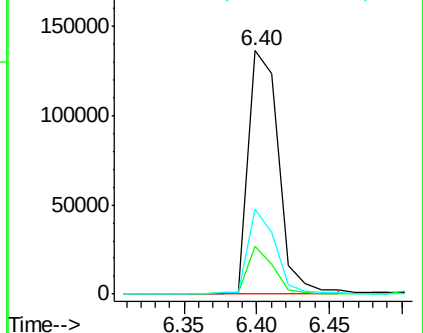
71 34.7 26.6 39.8

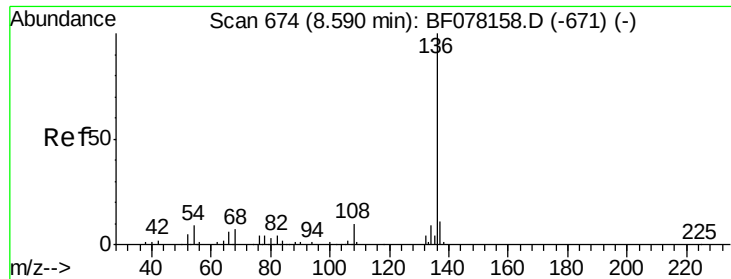


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

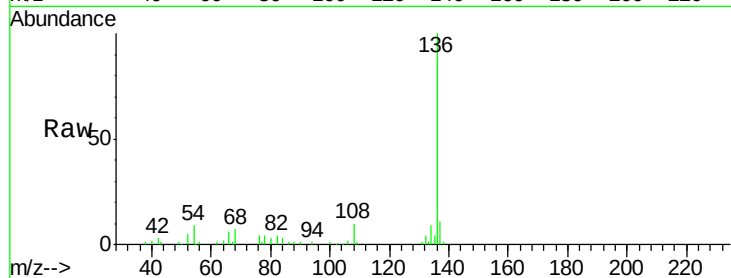




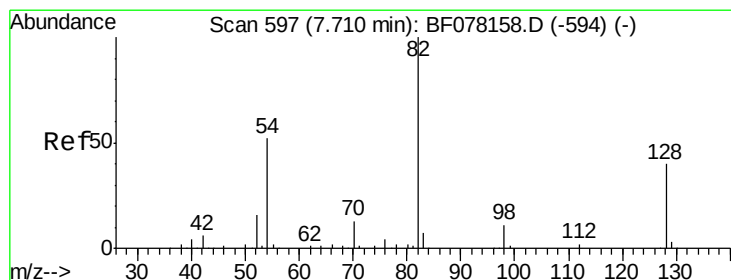
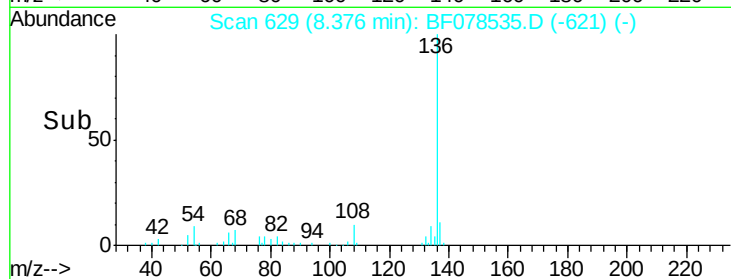
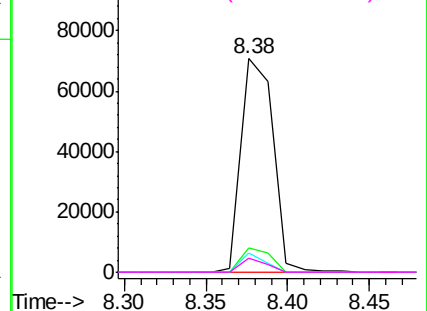
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078535.D
Acq: 15 Apr 2015 10:36

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:	136	Resp:	95840
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.0	7.0	10.6
68	6.6	5.4	8.2

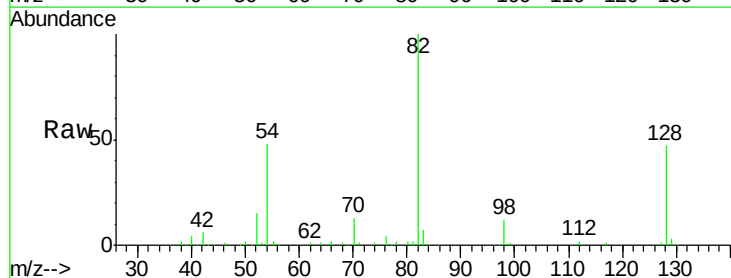


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

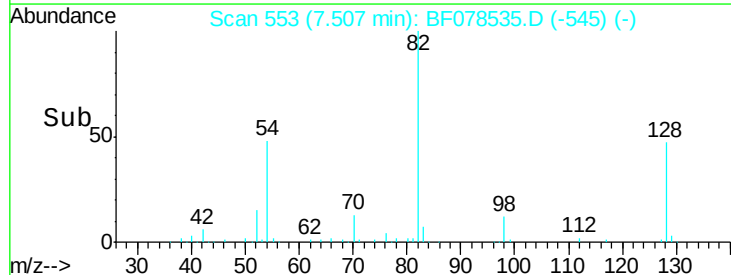
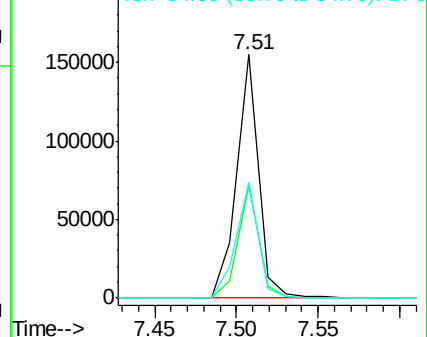


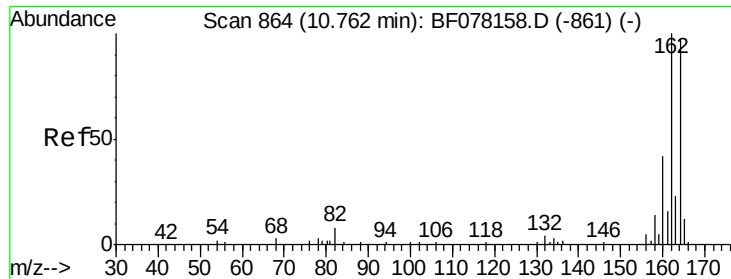
#23
Nitrobenzene-d5
Concen: 90.53 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF078535.D
Acq: 15 Apr 2015 10:36

Tgt Ion:	82	Resp:	143147
Ion	Ratio	Lower	Upper
82	100		
128	46.6	31.8	47.8
54	47.7	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

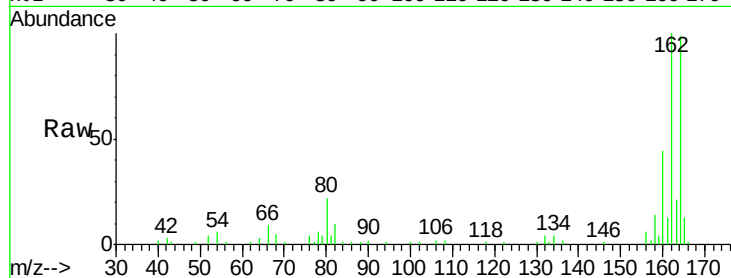




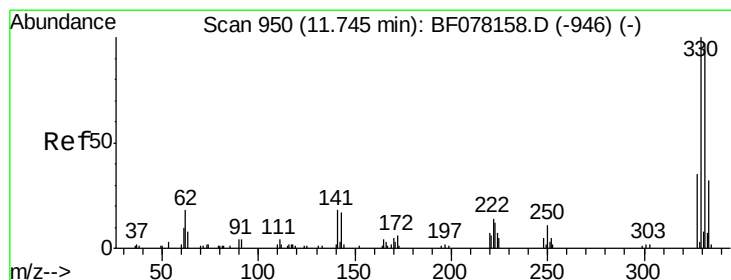
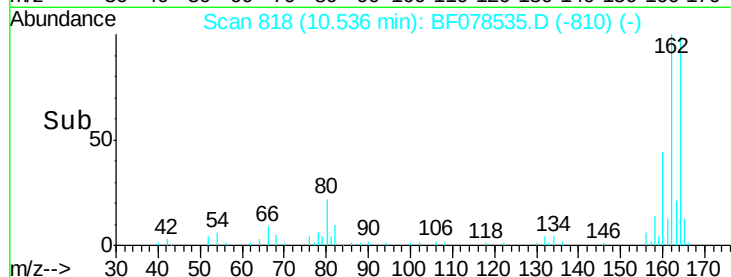
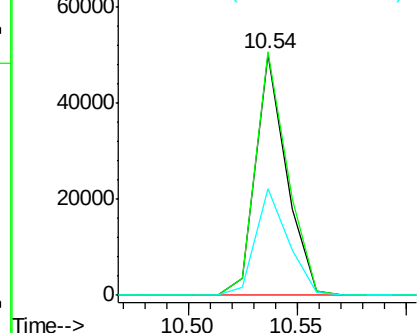
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF078535.D
 Acq: 15 Apr 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:164 Resp: 49725
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.2 123.2
 160 44.2 34.7 52.1

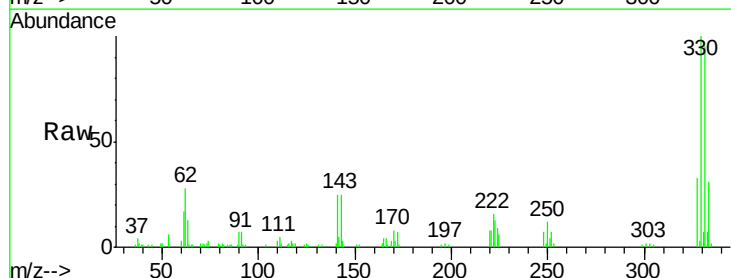


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

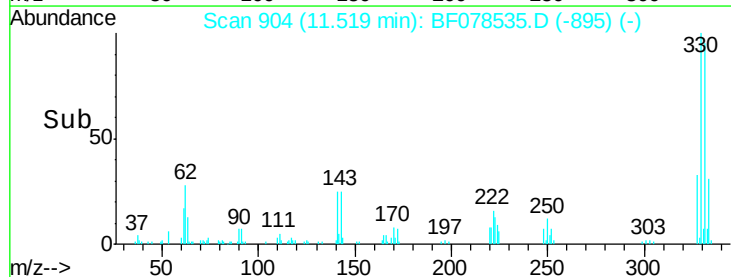
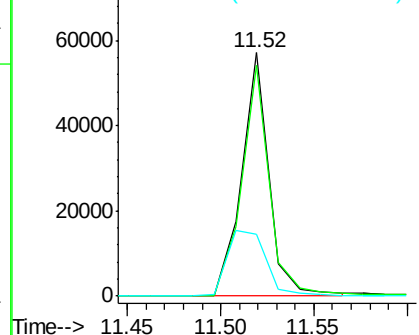


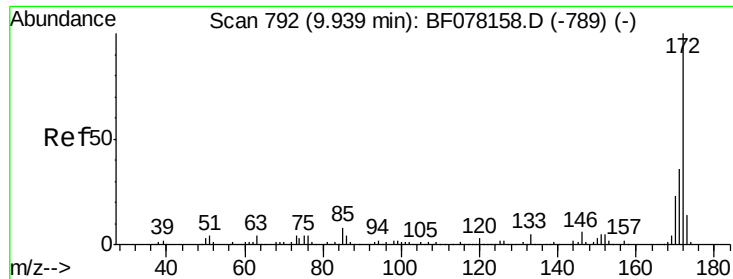
#41
 2,4,6-Tribromophenol
 Concen: 142.23 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF078535.D
 Acq: 15 Apr 2015 10:36

Tgt Ion:330 Resp: 58656
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.6 117.8
 141 38.6 31.2 46.8



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

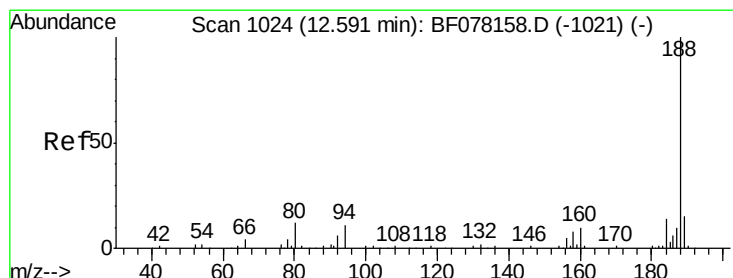
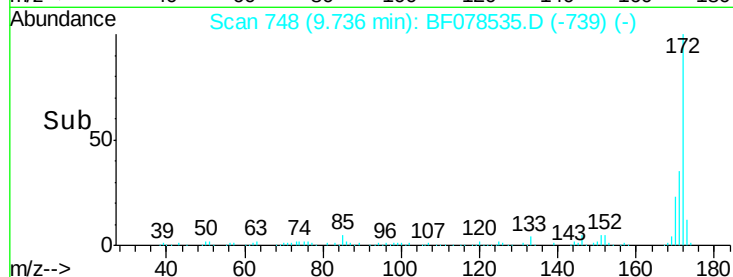
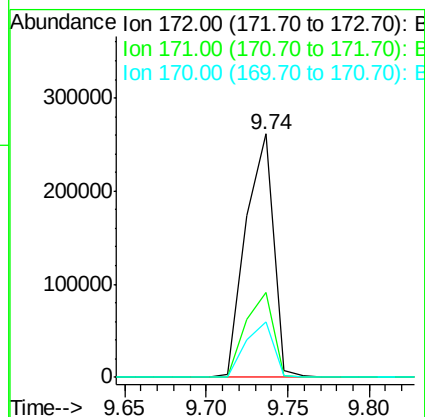
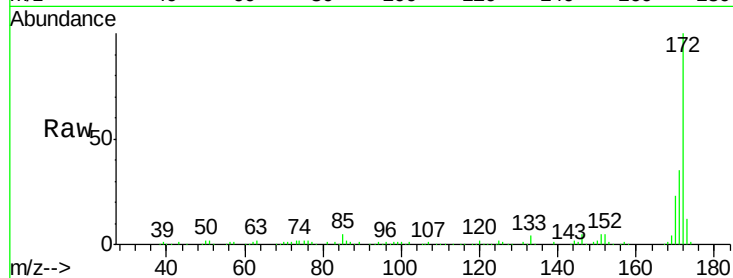




#44
 2-Fluorobiphenyl
 Concen: 88.47 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF078535.D
 Acq: 15 Apr 2015 10:36

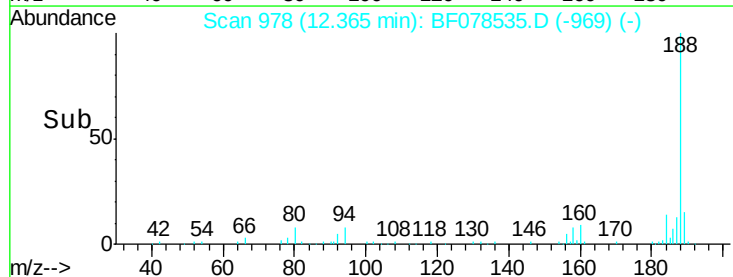
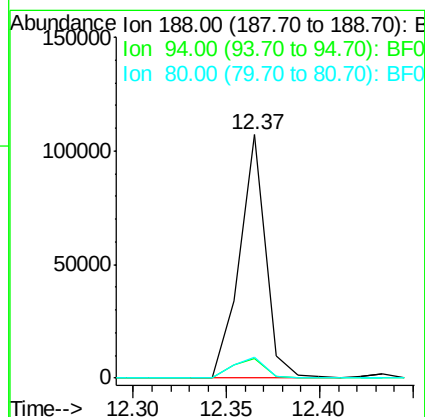
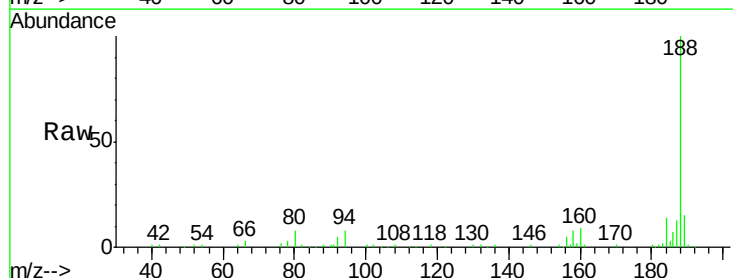
Instrument :
 BNA_F
 ClientSampleId :
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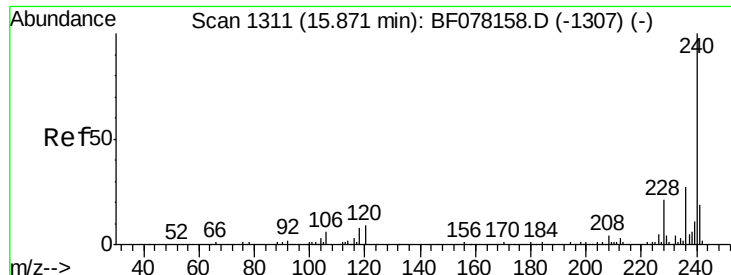
Tgt Ion:172 Resp: 307773
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.0 18.5 27.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF078535.D
 Acq: 15 Apr 2015 10:36

Tgt Ion:188 Resp: 104542
 Ion Ratio Lower Upper
 188 100
 94 8.3 9.0 13.4#
 80 8.4 9.5 14.3#

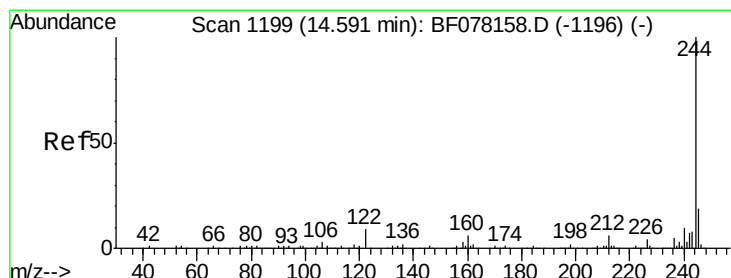
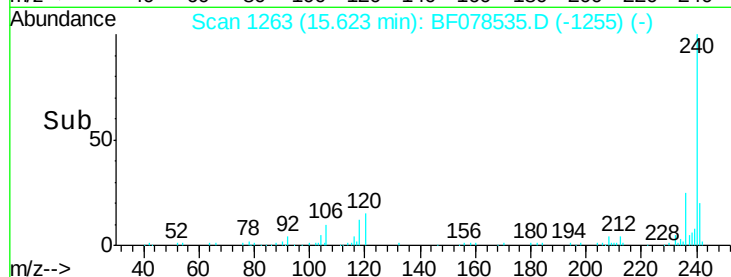
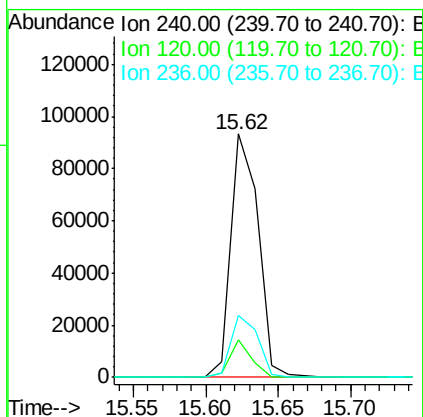
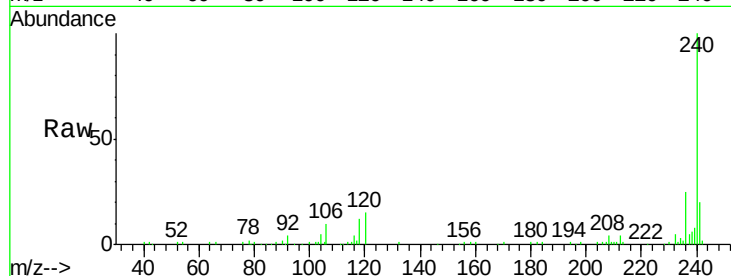




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078535.D
 Acq: 15 Apr 2015 10:36

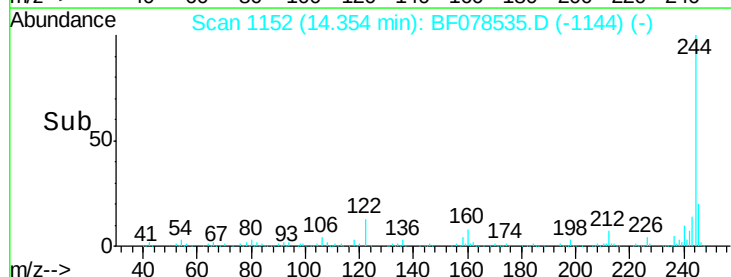
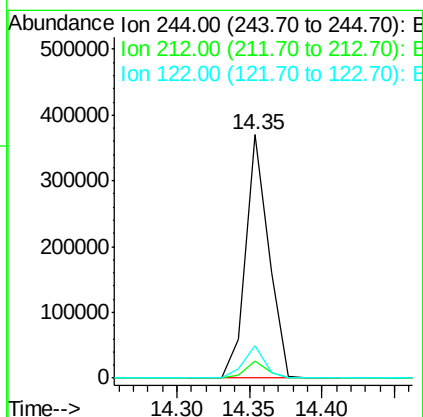
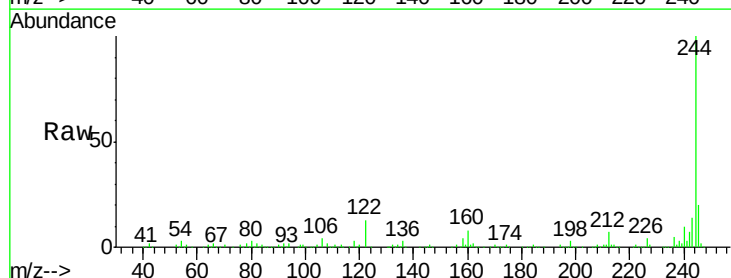
Instrument :
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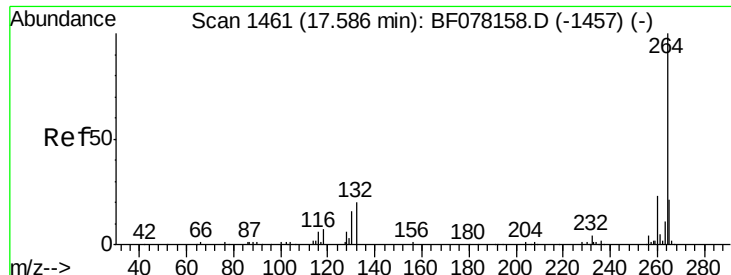
Tgt Ion: 240 Resp: 122119
 Ion Ratio Lower Upper
 240 100
 120 15.2 7.1 10.7#
 236 25.5 21.4 32.2



#78
 Terphenyl-d14
 Concen: 75.59 ng
 RT: 14.35 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF078535.D
 Acq: 15 Apr 2015 10:36

Tgt Ion: 244 Resp: 408512
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 13.2 7.1 10.7#

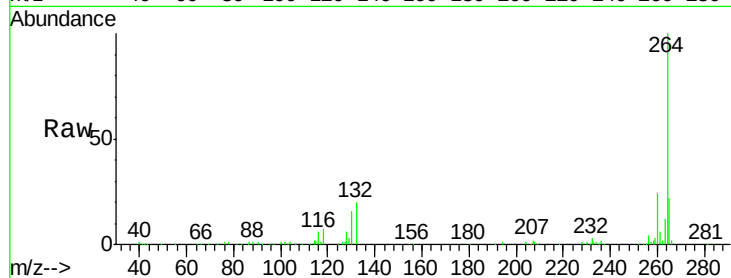




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1417
Delta R.T. 0.06 min
Lab File: BF078535.D
Acq: 15 Apr 2015 10:36

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion: 264 Resp: 118479
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.7 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

