

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078587.D
 Acq On : 17 Apr 2015 3:16
 Operator : TP/IZ
 Sample : G1823-19RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Apr 17 03:58:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:45:36 2015
 Response via : Initial Calibration

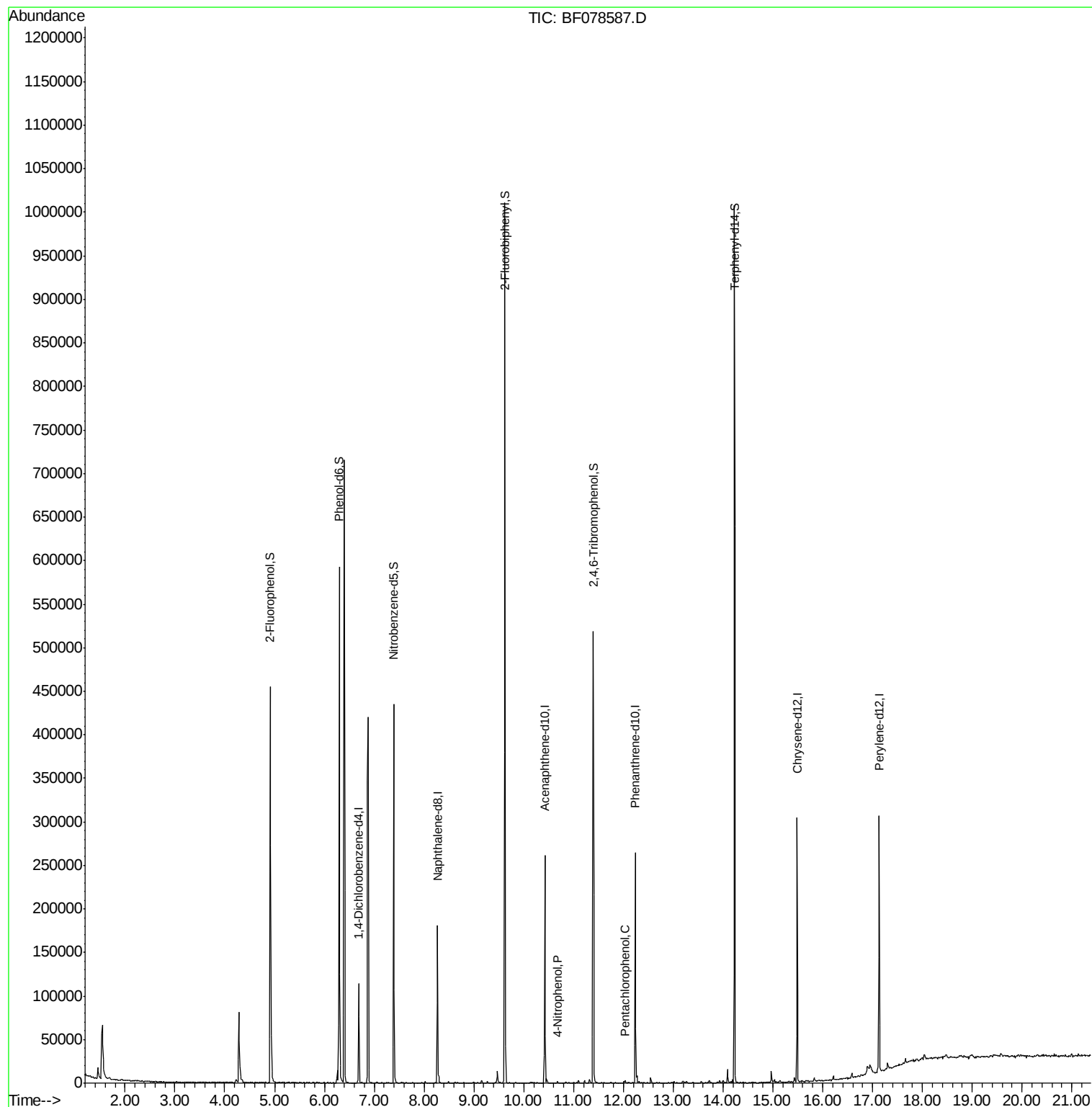
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	23999	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	101796	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	53402	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	107089	20.00	ng	0.00
75) Chrysene-d12	15.49	240	124315	20.00	ng	-0.01
86) Perylene-d12	17.13	264	127642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	178492	122.63	ng	0.00
7) Phenol-d6	6.30	99	212847	116.68	ng	0.00
23) Nitrobenzene-d5	7.39	82	142727	84.99	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	67583	152.59	ng	0.00
44) 2-Fluorobiphenyl	9.62	172	340009	91.01	ng	0.00
78) Terphenyl-d14	14.23	244	435219	79.11	ng	0.00
Target Compounds						
55) 4-Nitrophenol	10.67	139	376	3.29	ng	Qvalue # 18
69) Pentachlorophenol	12.03	266	1578	10.35	ng	92

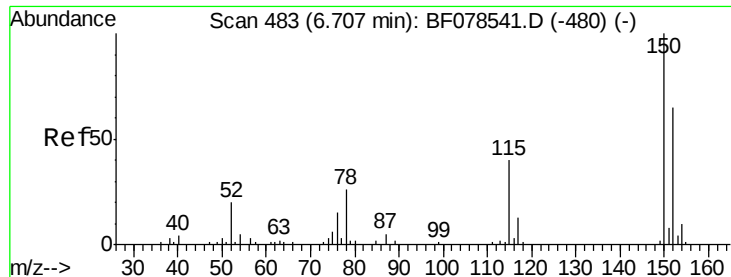
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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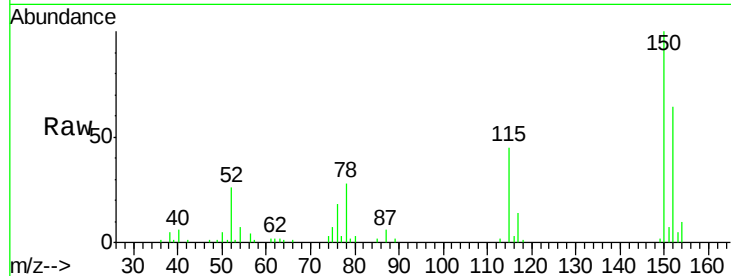




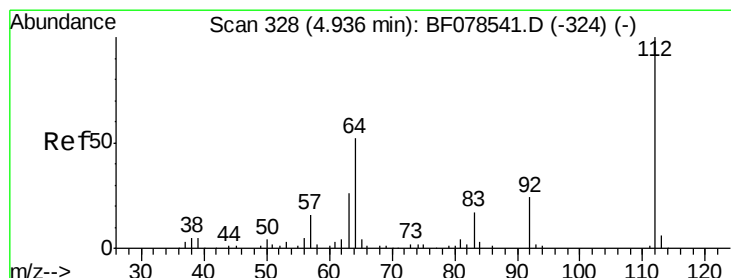
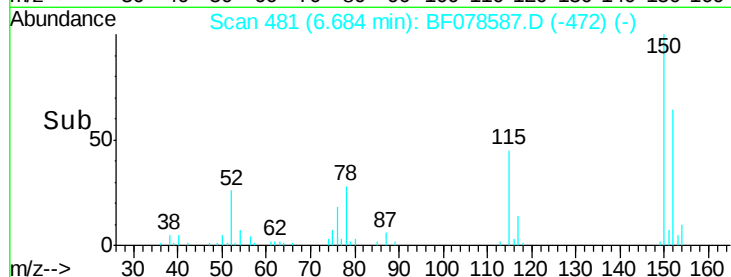
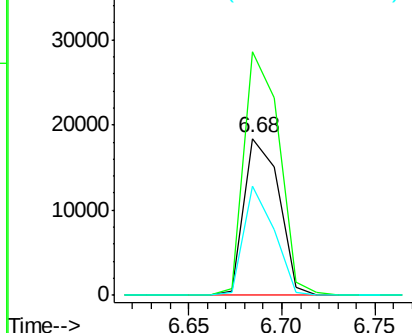
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:152 Resp: 23999
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.9 188.9
 115 69.6 52.7 79.1

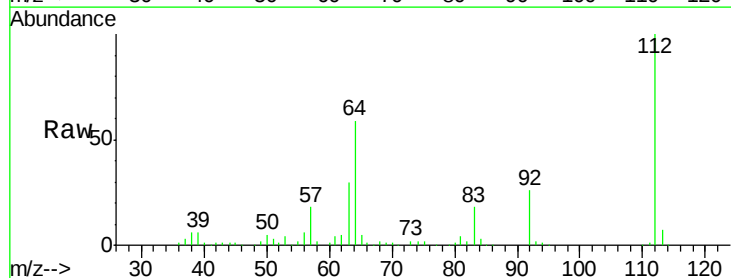


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

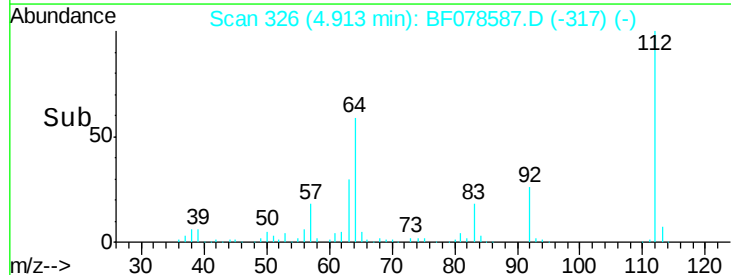
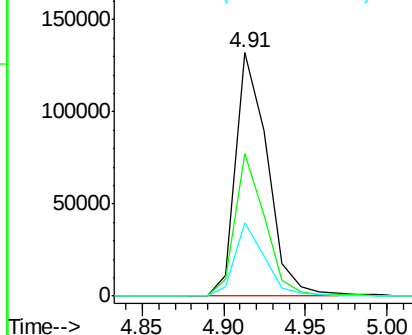


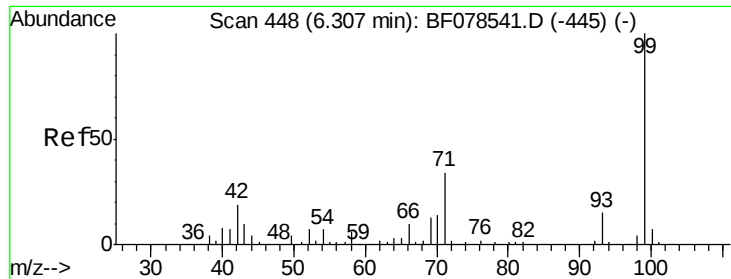
#5
 2-Fluorophenol
 Concen: 122.63 ng
 RT: 4.91 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Tgt Ion:112 Resp: 178492
 Ion Ratio Lower Upper
 112 100
 64 58.8 39.9 59.9
 63 30.2 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: 116.68 ng

RT: 6.30 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF078587.D

Acq: 17 Apr 2015 3:16

Instrument :

BNA_F

ClientSampleId :

SP-4

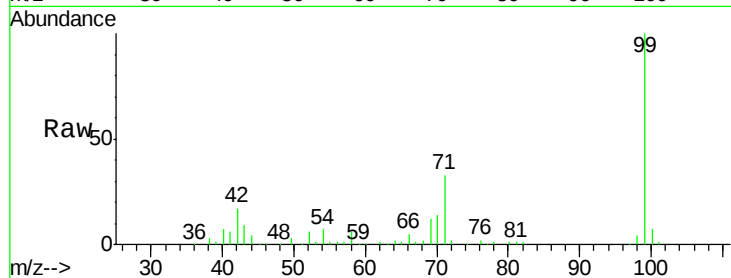
Tgt Ion: 99 Resp: 212847

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

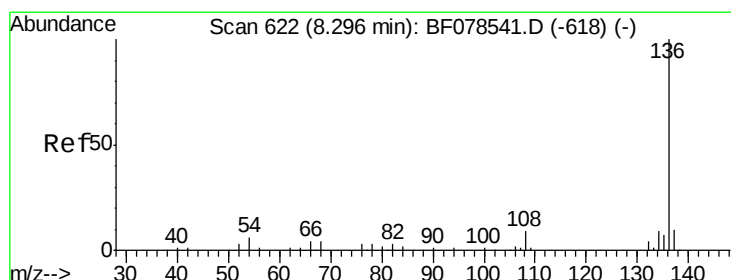
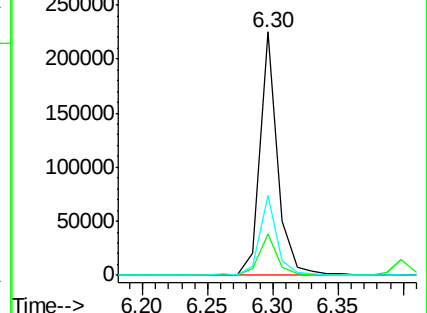
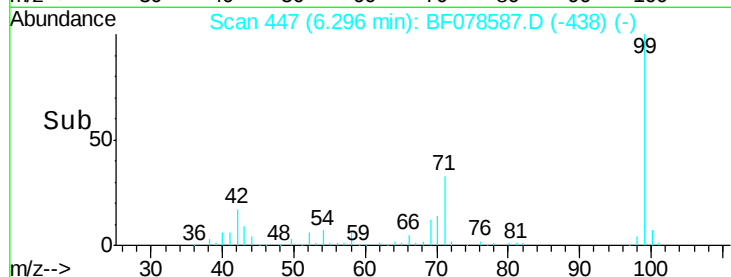
71 32.7 26.6 39.8



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: 8.27 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF078587.D

Acq: 17 Apr 2015 3:16

Tgt Ion: 136 Resp: 101796

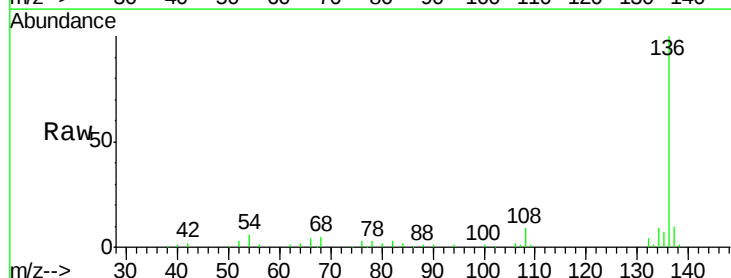
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 5.6 7.0 10.6#

68 4.7 5.4 8.2#

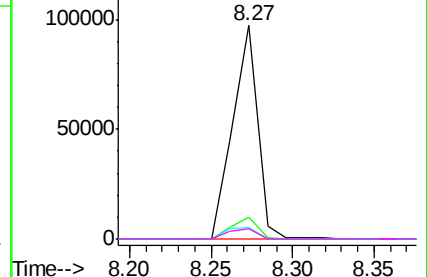
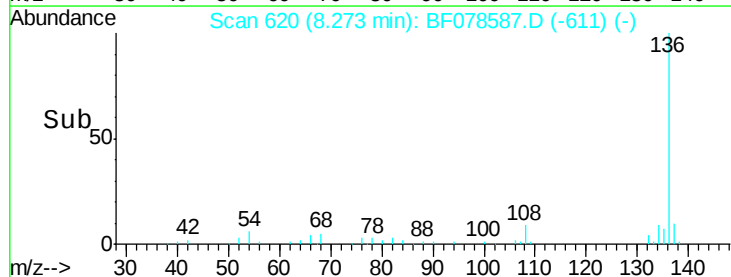


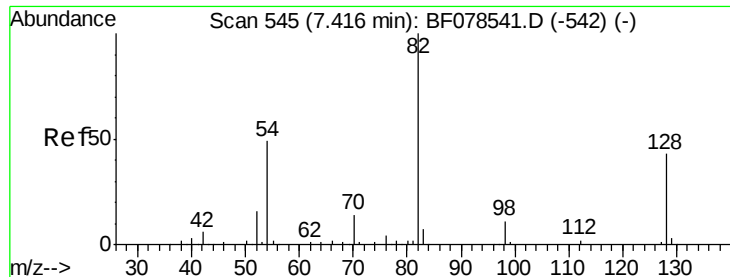
Abundance Ion 136.00 (135.70 to 136.70): E

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

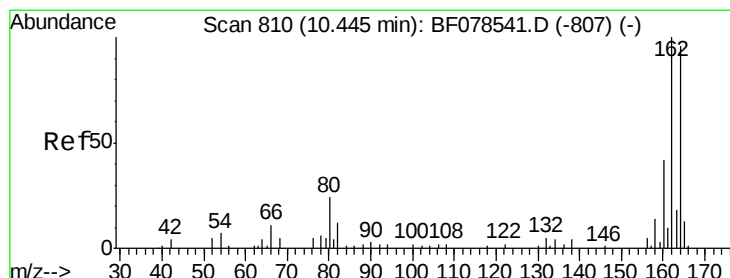
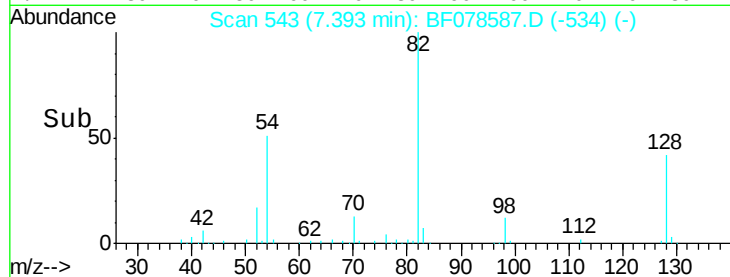
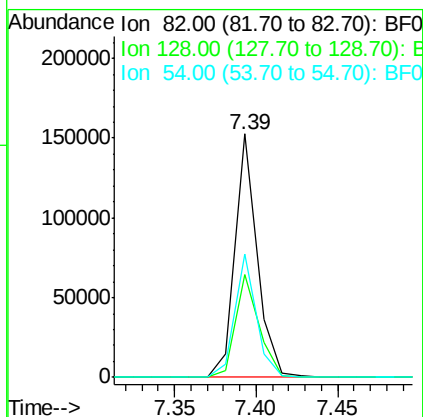
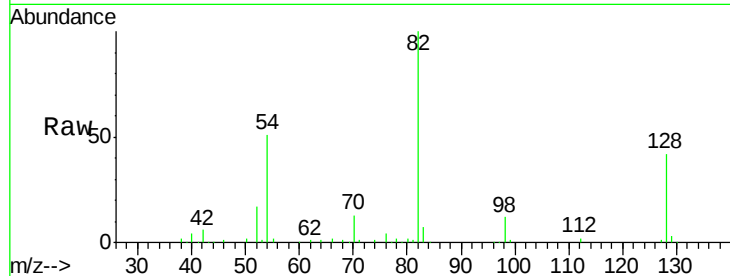




#23
 Nitrobenzene-d5
 Concen: 84.99 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

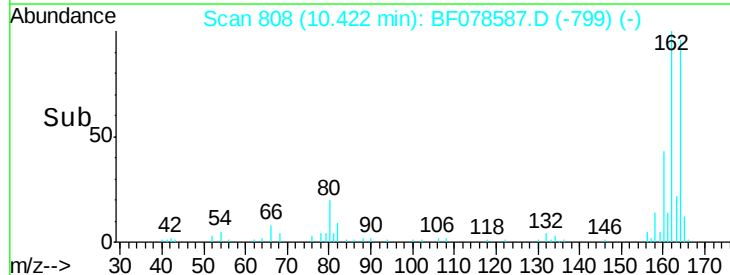
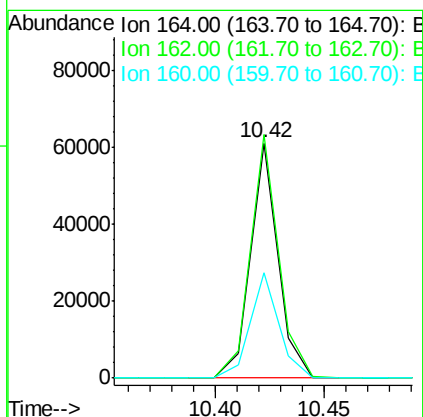
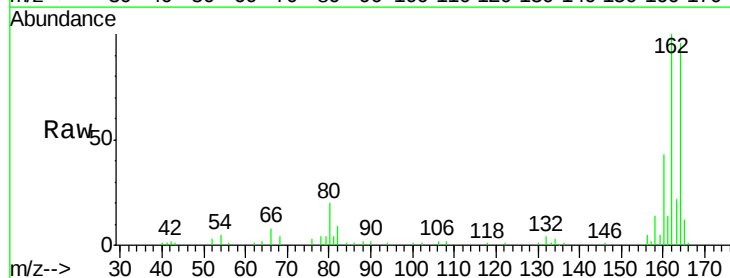
Instrument :
 BNA_F
 ClientSampled :
 SP-4

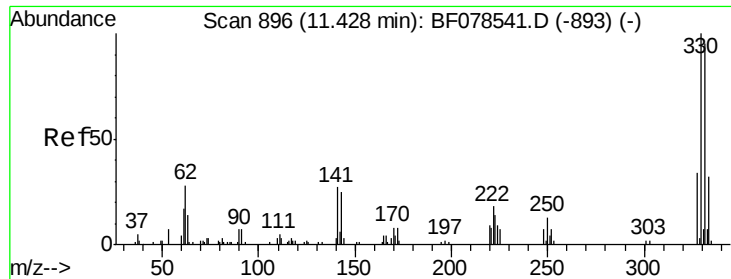
Tgt Ion: 82 Resp: 142727
 Ion Ratio Lower Upper
 82 100
 128 42.0 31.8 47.8
 54 50.8 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Tgt Ion: 164 Resp: 53402
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 45.1 34.7 52.1

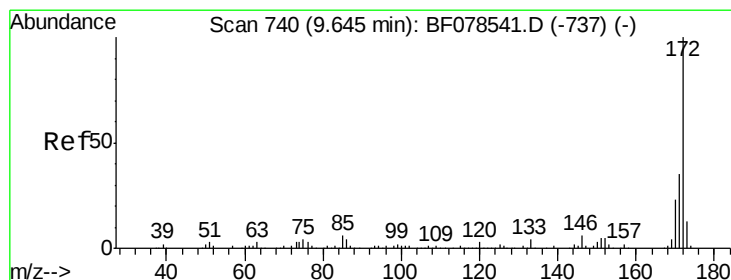
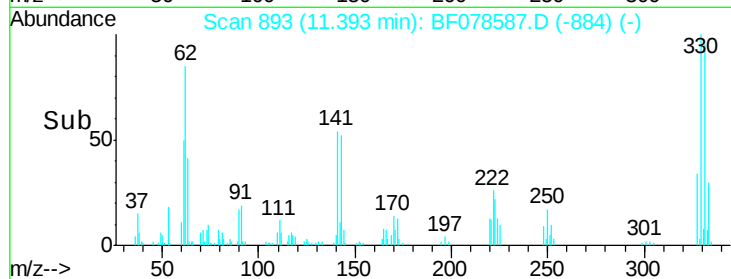
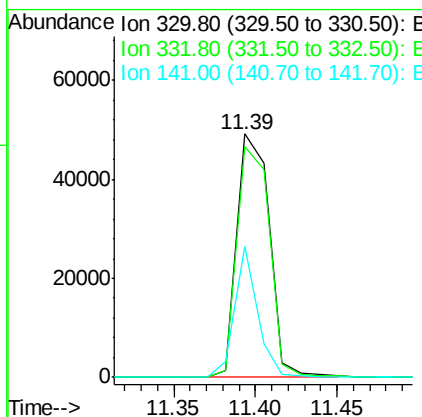
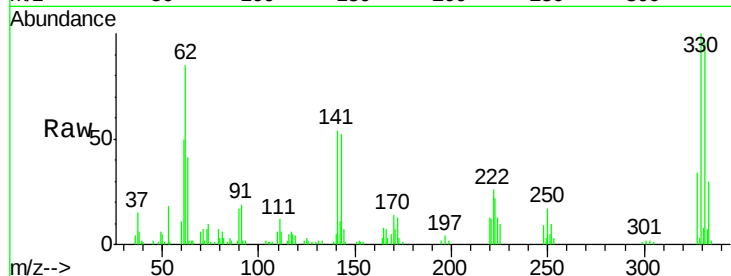




#41
 2,4,6-Tribromophenol
 Concen: 152.59 ng
 RT: 11.39 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

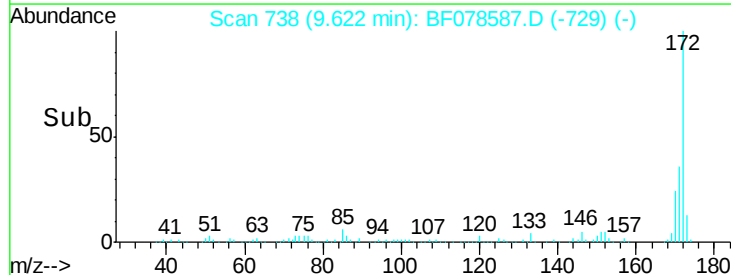
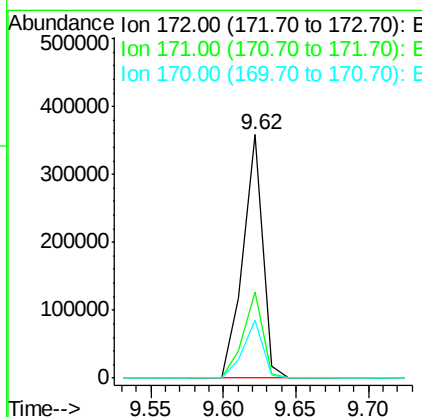
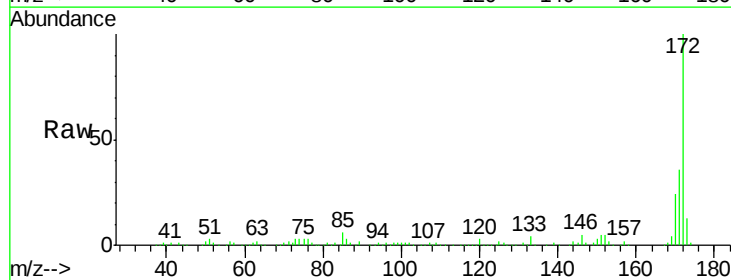
Instrument :
 BNA_F
 ClientSampled :
 SP-4

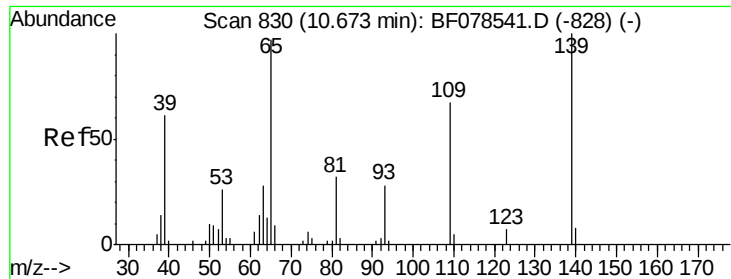
Tgt Ion:330 Resp: 67583
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.6 117.8
 141 37.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 91.01 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Tgt Ion:172 Resp: 340009
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.6 18.5 27.7

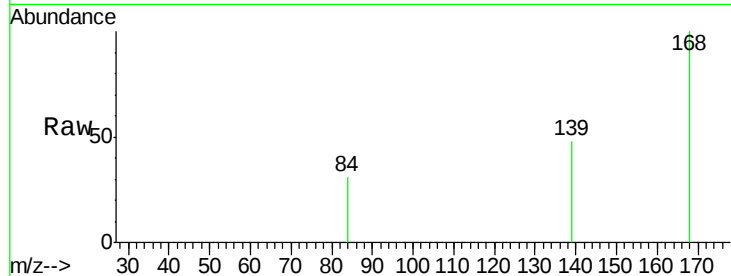




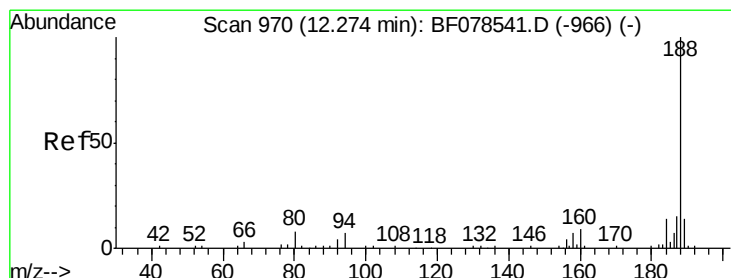
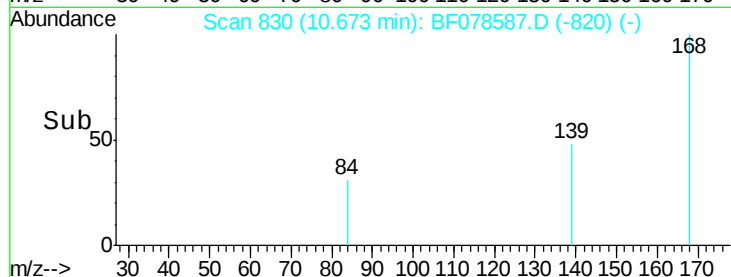
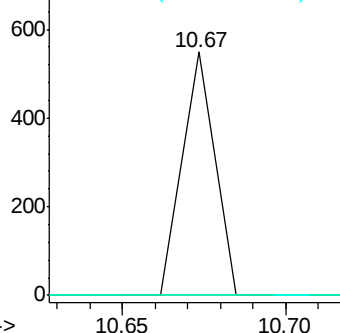
#55
4-Nitrophenol
Concen: 3.29 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion:139 Resp: 376
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

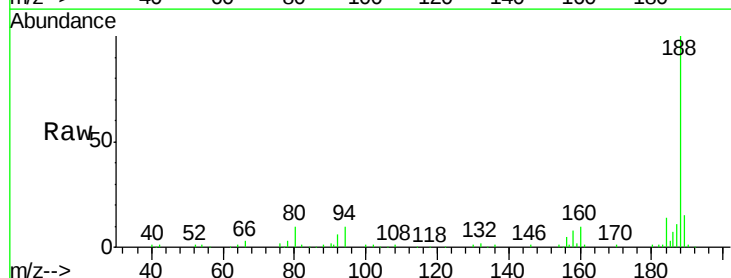


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

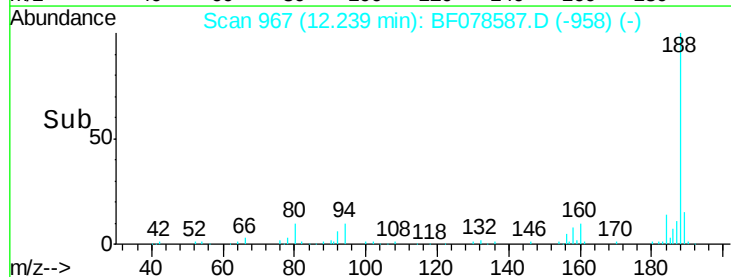
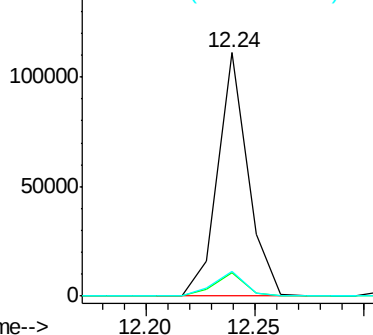


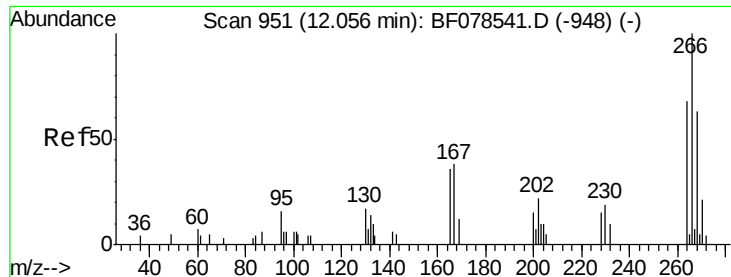
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Tgt Ion:188 Resp: 107089
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 10.3 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

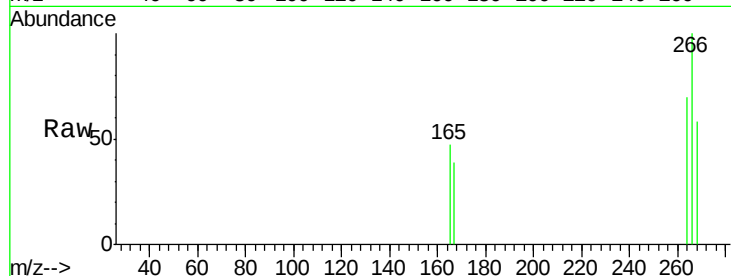




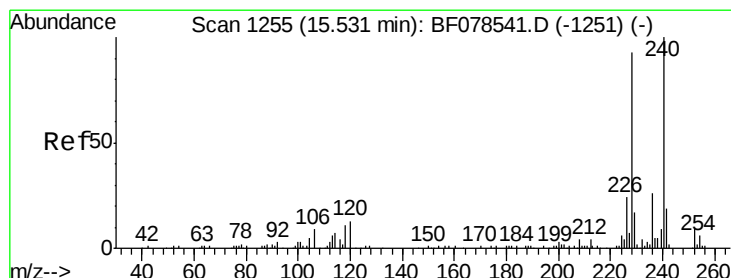
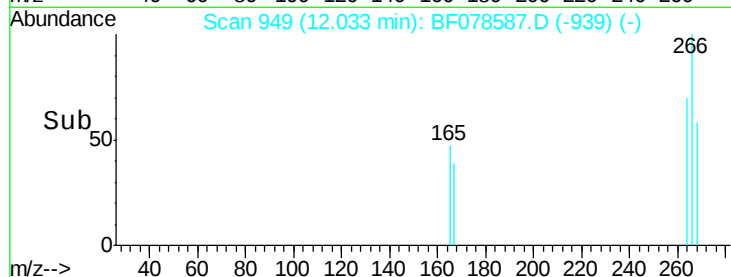
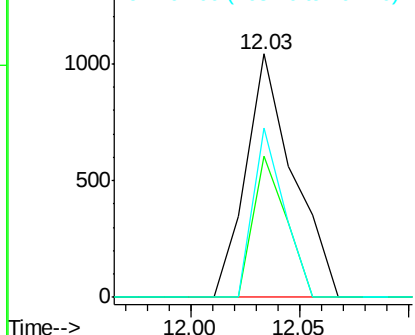
#69
 Pentachlorophenol
 Concen: 10.35 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Instrument :
 BNA_F
 ClientSampled :
 SP-4

Tgt Ion: 266 Resp: 1578
 Ion Ratio Lower Upper
 266 100
 268 58.1 50.1 75.1
 264 69.7 50.0 75.0

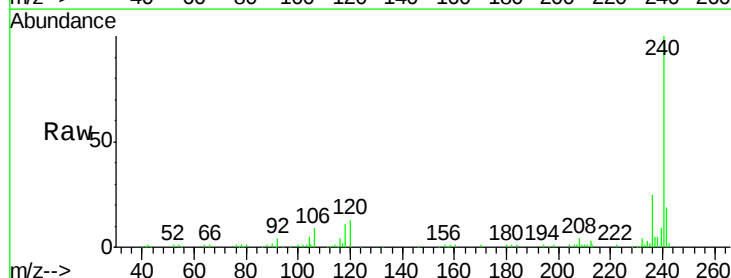


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

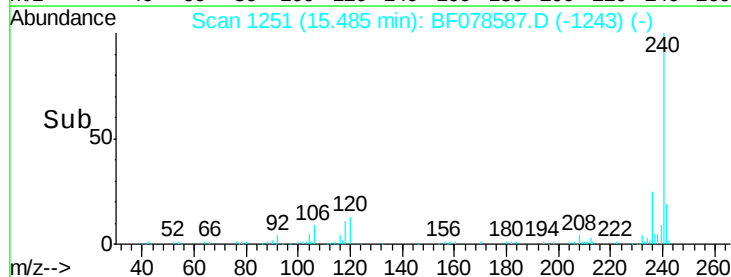
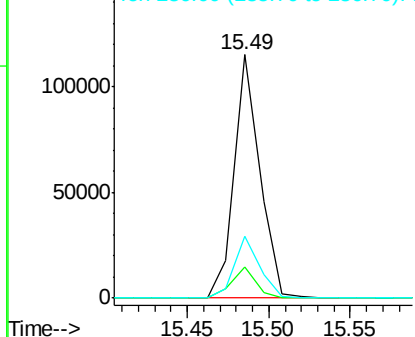


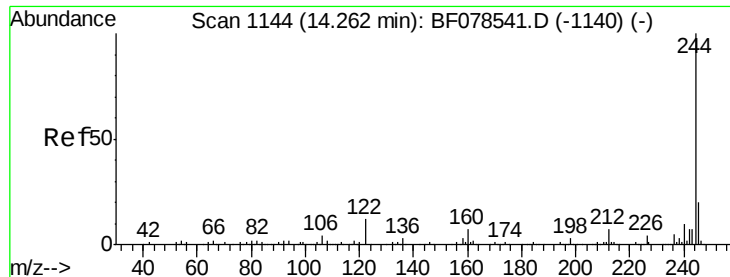
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Tgt Ion: 240 Resp: 124315
 Ion Ratio Lower Upper
 240 100
 120 12.8 7.1 10.7#
 236 25.4 21.4 32.2



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

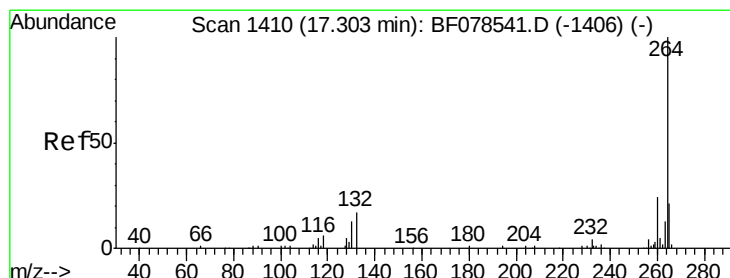
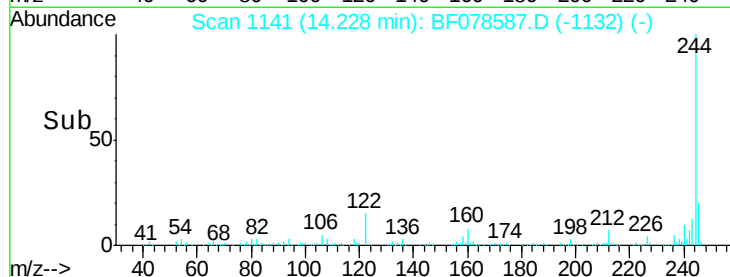
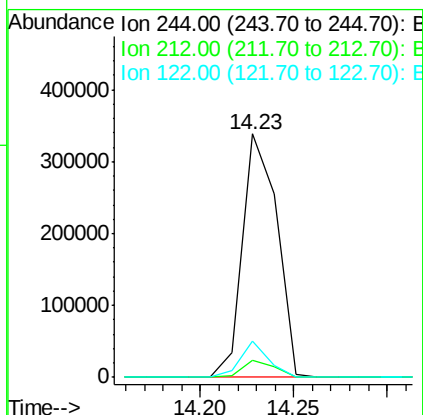
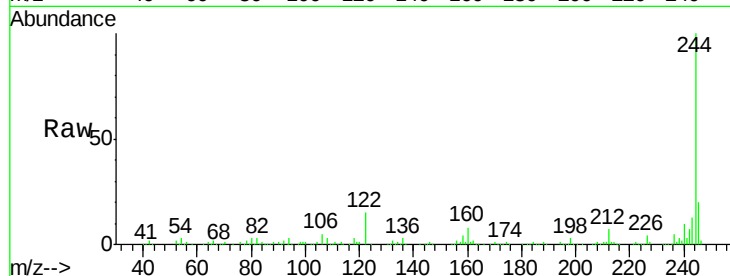




#78
 Terphenyl-d14
 Concen: 79.11 ng
 RT: 14.23 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:244 Resp: 435219
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 14.7 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF078587.D
 Acq: 17 Apr 2015 3:16

Tgt Ion:264 Resp: 127642
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.2 17.0 25.6

