

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078588.D
 Acq On : 17 Apr 2015 3:44
 Operator : TP/IZ
 Sample : G1823-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Quant Time: Apr 17 04:01:46 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	22334	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	93104	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	51152	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	100369	20.00	ng	0.00
75) Chrysene-d12	15.49	240	115816	20.00	ng	-0.01
86) Perylene-d12	17.15	264	120735	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	175981	129.92	ng	0.00
7) Phenol-d6	6.30	99	214254	126.21	ng	0.00
23) Nitrobenzene-d5	7.39	82	140187	91.27	ng	0.00
41) 2,4,6-Tribromophenol	11.40	330	64617	152.31	ng	0.01
44) 2-Fluorobiphenyl	9.62	172	334442	93.46	ng	0.00
78) Terphenyl-d14	14.23	244	436565	85.18	ng	0.00

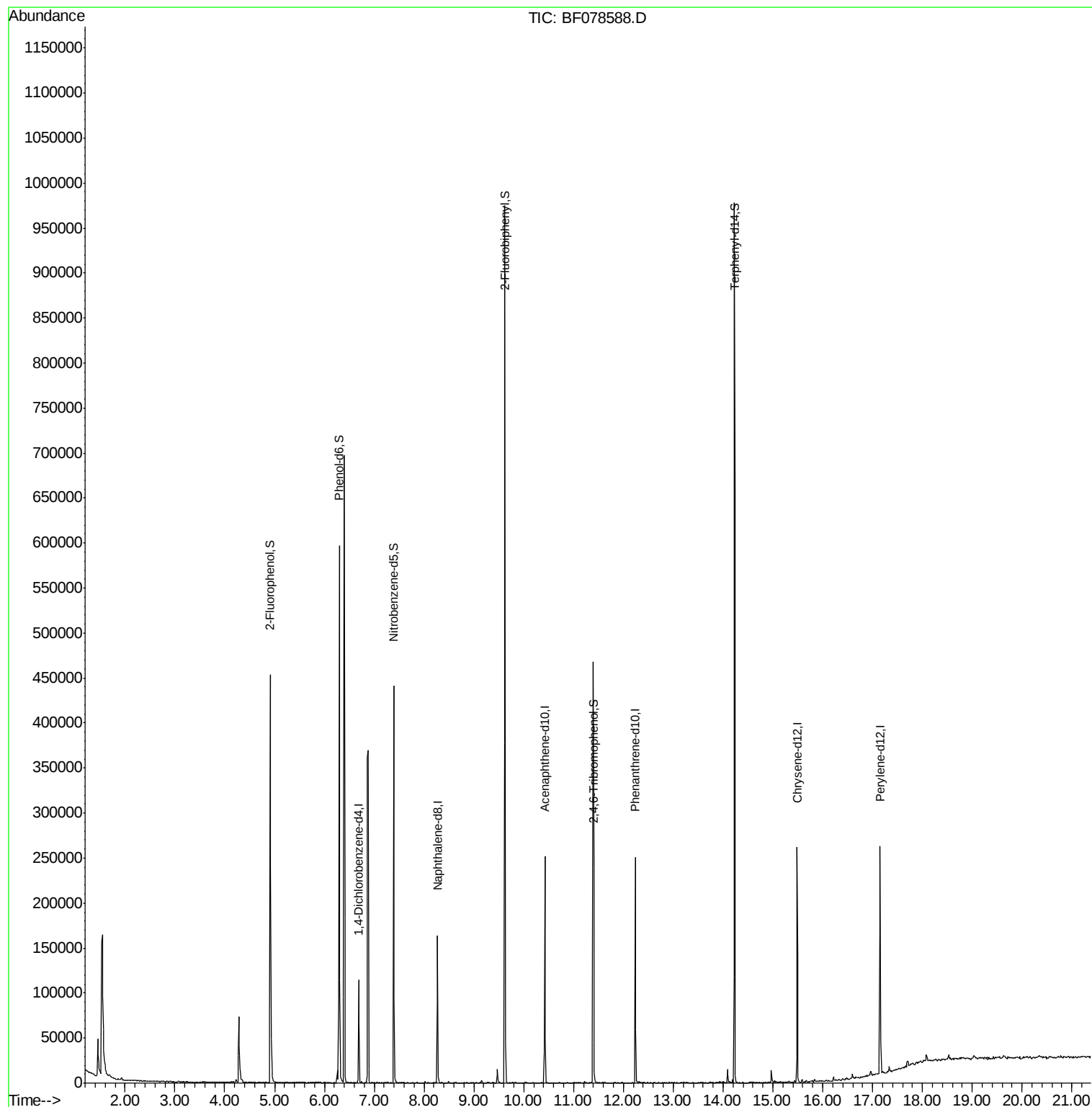
Target Compounds	Qvalue
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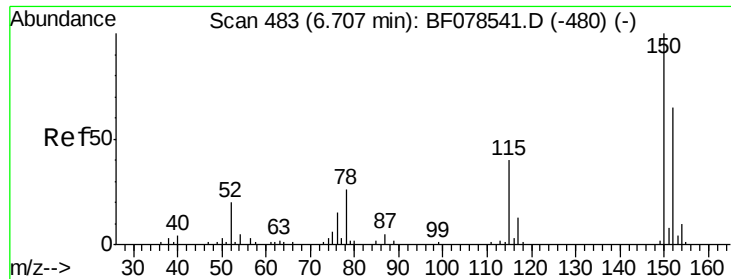
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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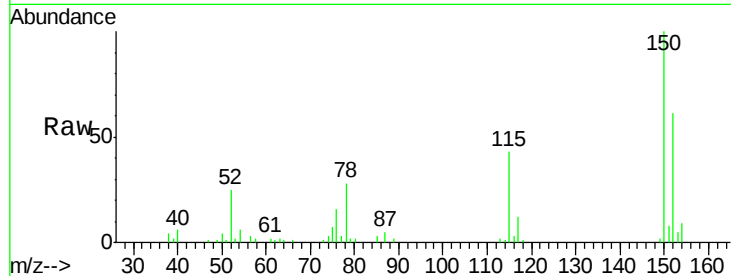


#1

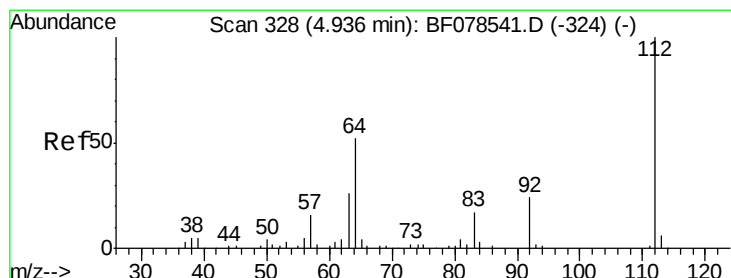
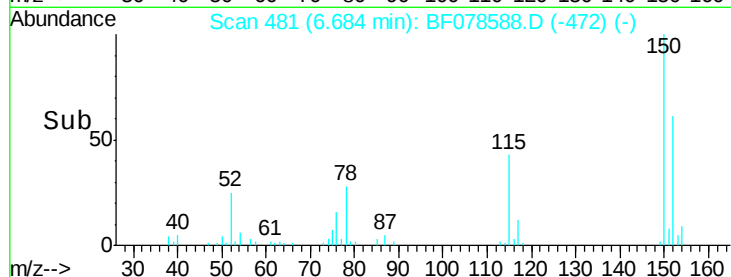
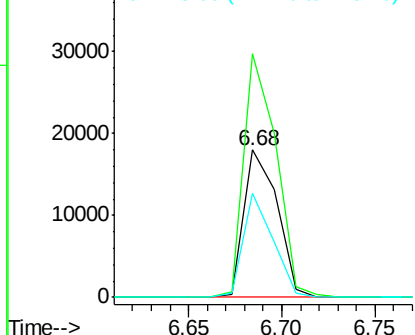
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078588.D
Acq: 17 Apr 2015 3:44

Instrument :
BNA_F
ClientSampleId :
SP-5

Tgt Ion:152 Resp: 22334
Ion Ratio Lower Upper
152 100
150 165.0 125.9 188.9
115 70.8 52.7 79.1



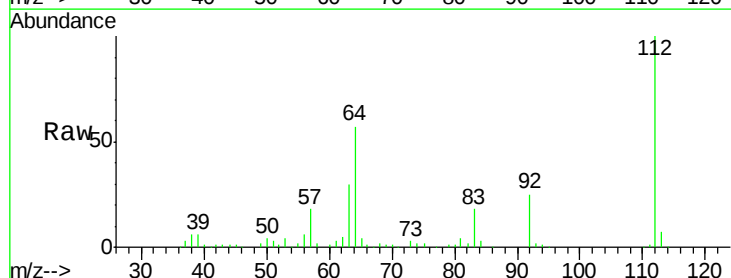
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



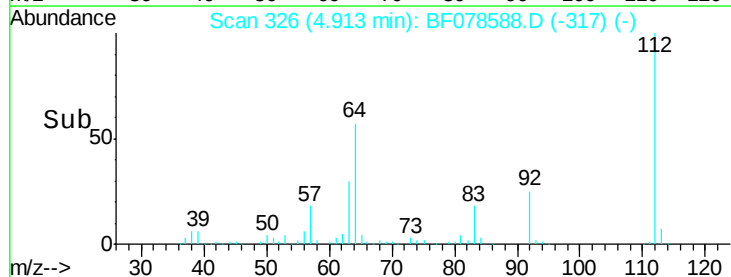
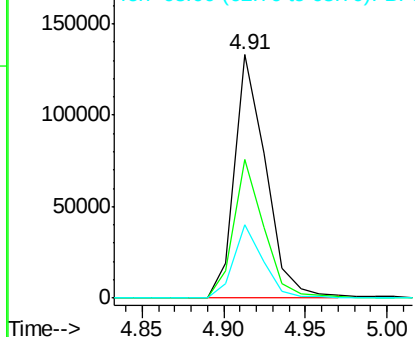
#5

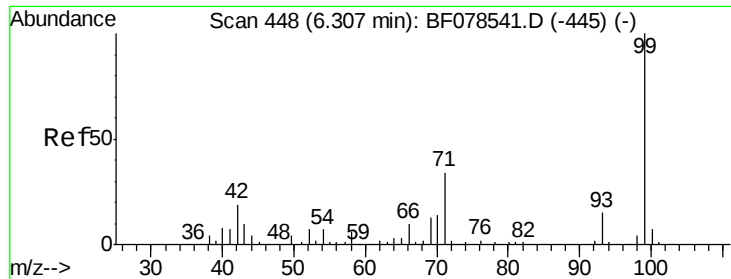
2-Fluorophenol
Concen: 129.92 ng
RT: 4.91 min Scan# 326
Delta R.T. -0.00 min
Lab File: BF078588.D
Acq: 17 Apr 2015 3:44

Tgt Ion:112 Resp: 175981
Ion Ratio Lower Upper
112 100
64 57.2 39.9 59.9
63 30.1 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: 126.21 ng

RT: 6.30 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF078588.D

Acq: 17 Apr 2015 3:44

Instrument :

BNA_F

ClientSampleId :

SP-5

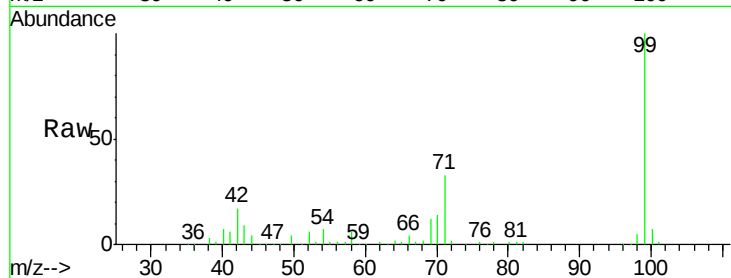
Tgt Ion: 99 Resp: 214254

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

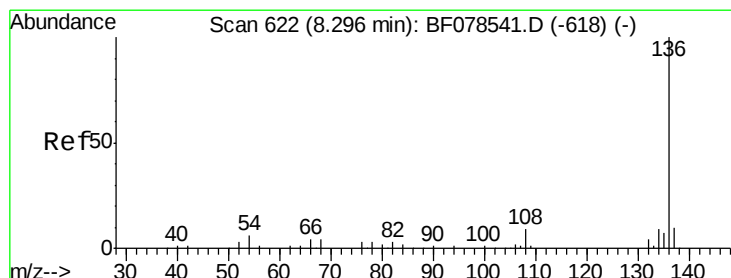
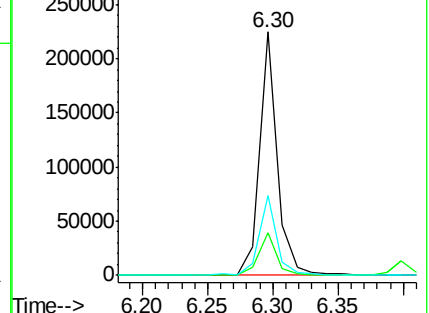
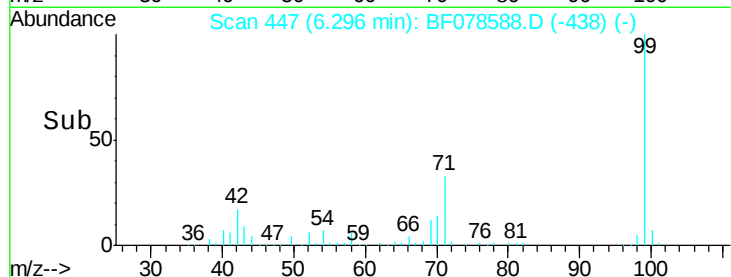
71 32.8 26.6 39.8



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: BF078588.D

Acq: 17 Apr 2015 3:44

Tgt Ion: 136 Resp: 93104

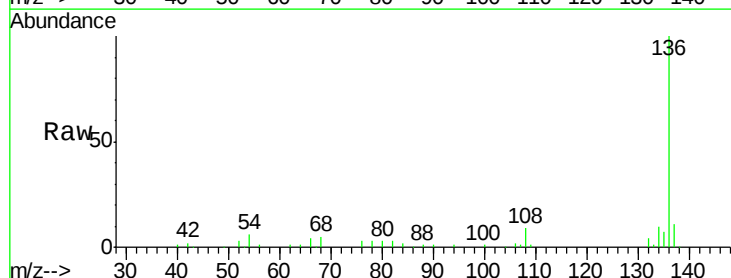
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.7 7.0 10.6#

68 4.9 5.4 8.2#

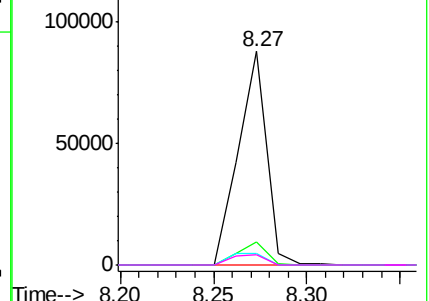
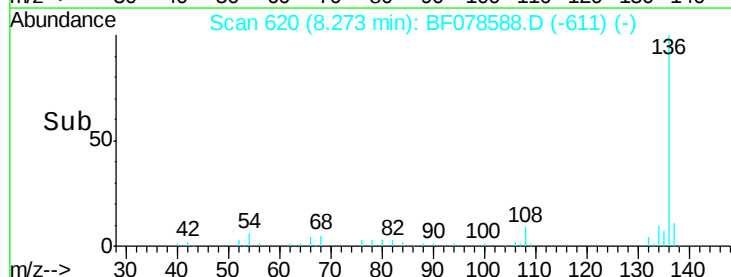


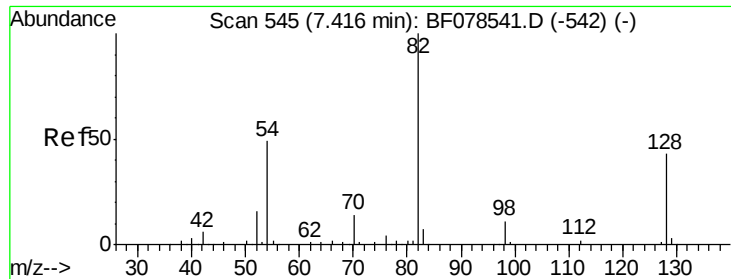
Abundance Ion 136.00 (135.70 to 136.70): E

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

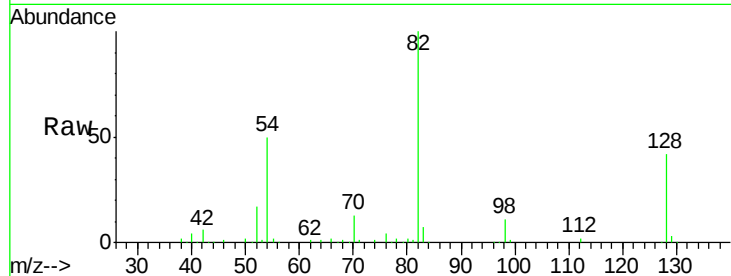




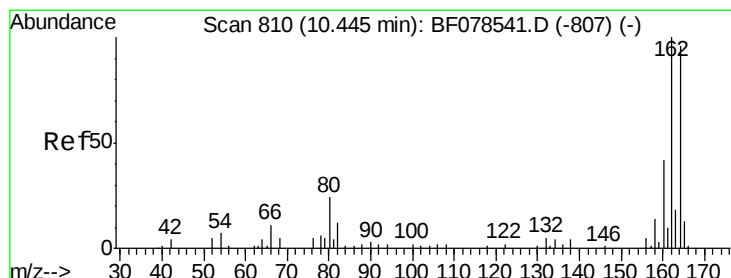
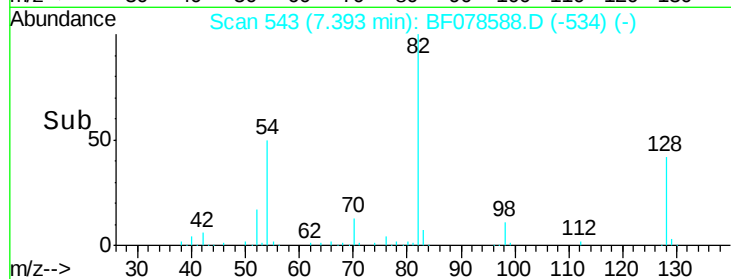
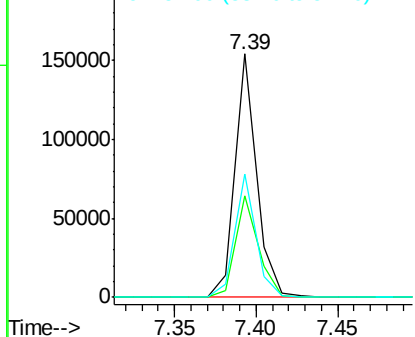
#23
Nitrobenzene-d5
Concen: 91.27 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078588.D
Acq: 17 Apr 2015 3:44

Instrument :
BNA_F
ClientSampleId :
SP-5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.8
54	50.5	41.5	62.3

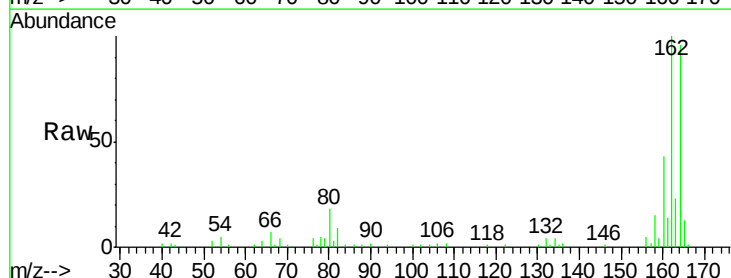


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

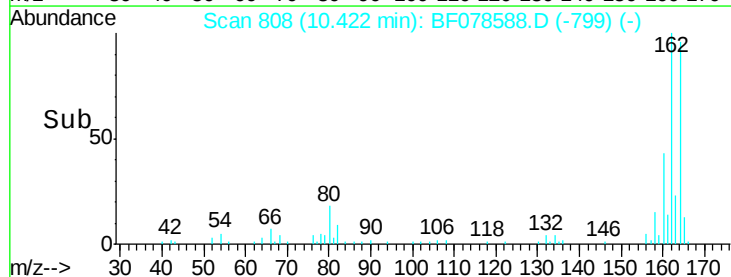
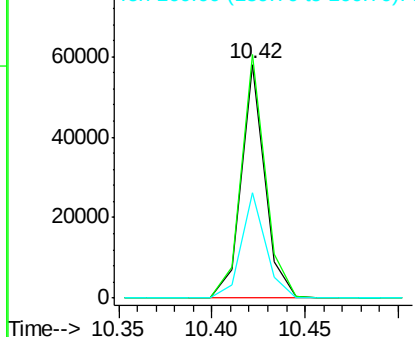


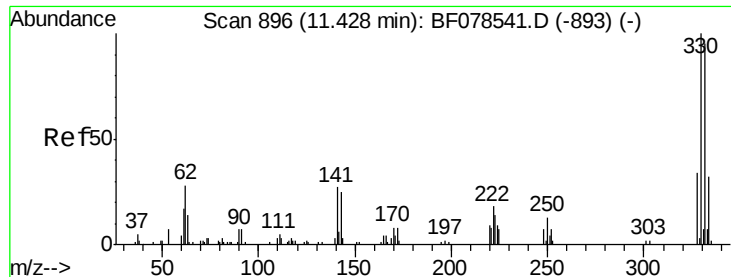
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078588.D
Acq: 17 Apr 2015 3:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.2
160	45.2	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

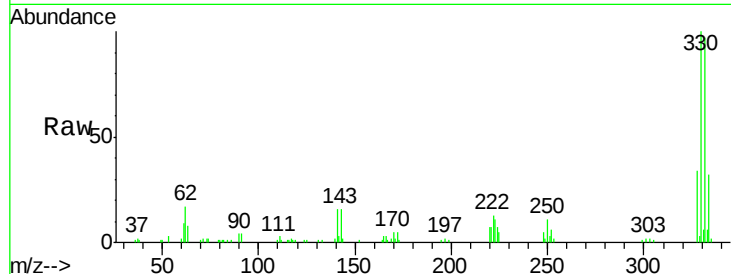




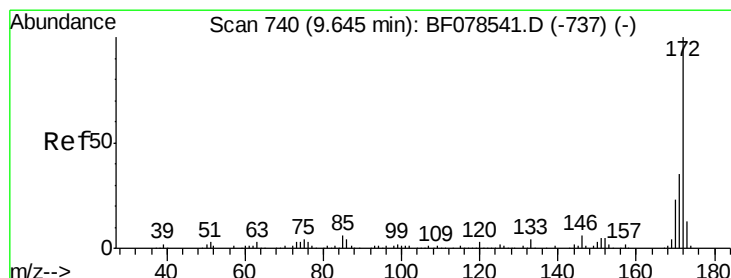
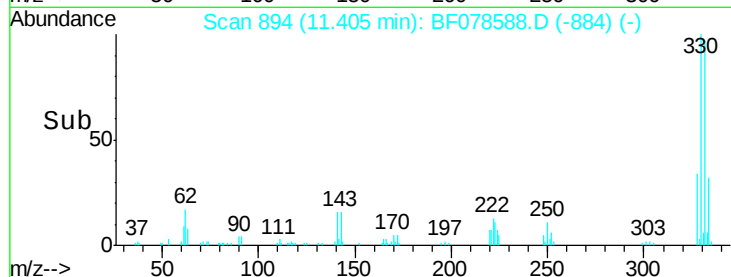
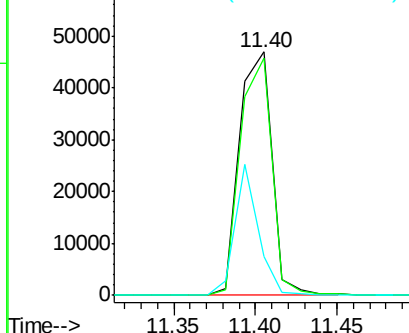
#41
 2,4,6-Tribromophenol
 Concen: 152.31 ng
 RT: 11.40 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF078588.D
 Acq: 17 Apr 2015 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Tgt Ion:330 Resp: 64617
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.6 117.8
 141 38.9 31.2 46.8

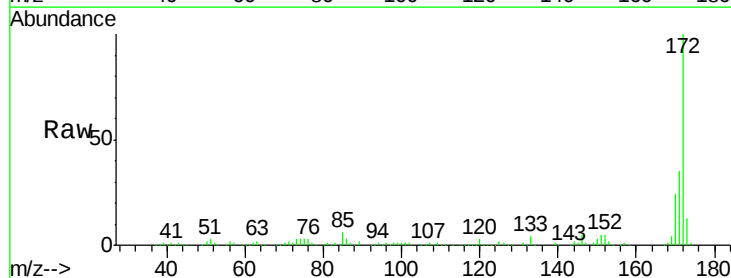


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

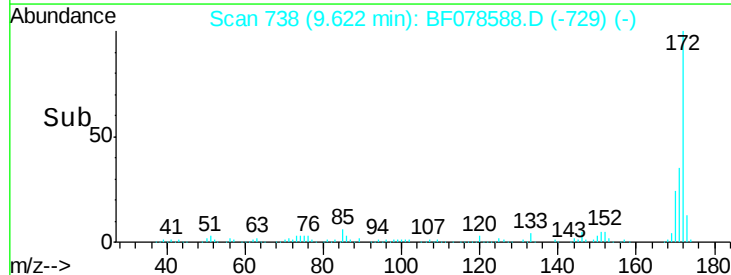
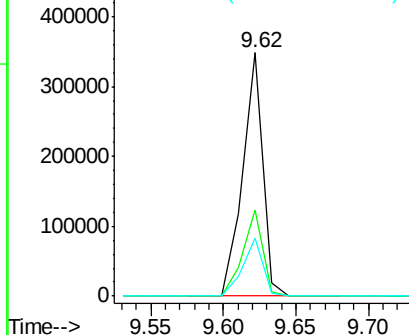


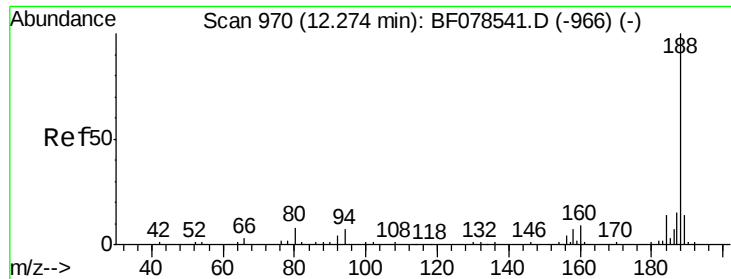
#44
 2-Fluorobiphenyl
 Concen: 93.46 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078588.D
 Acq: 17 Apr 2015 3:44

Tgt Ion:172 Resp: 334442
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.7 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

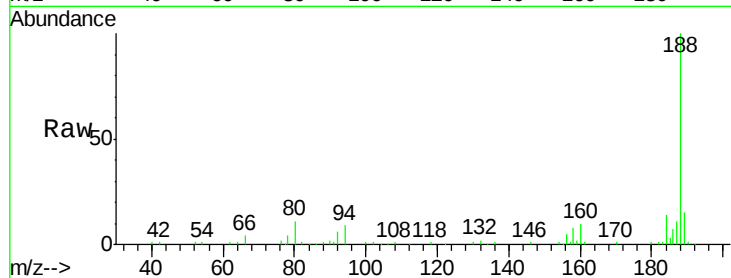




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078588.D
Acq: 17 Apr 2015 3:44

Instrument :
BNA_F
ClientSampled :
SP-5

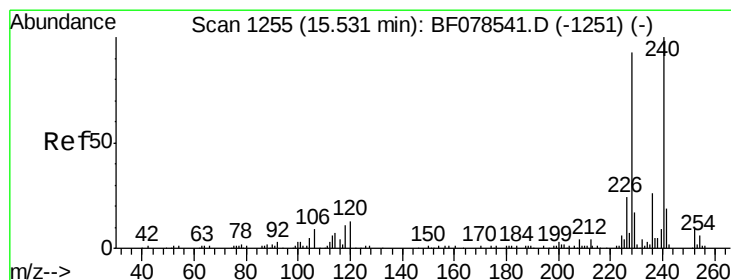
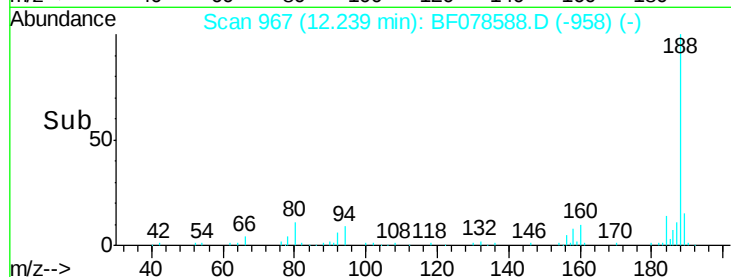
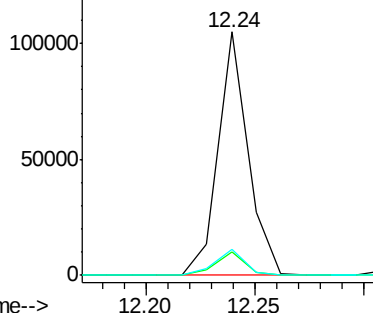
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	10.8	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

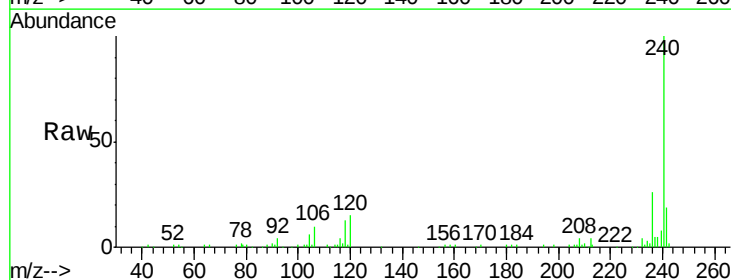
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078588.D
Acq: 17 Apr 2015 3:44

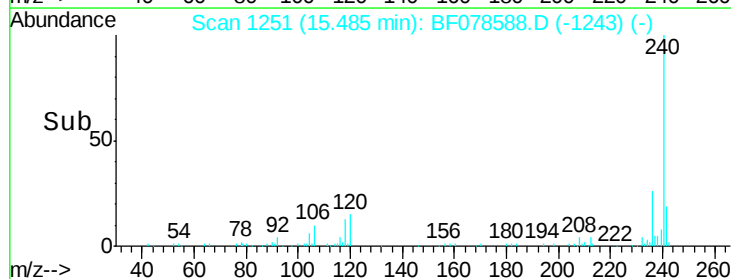
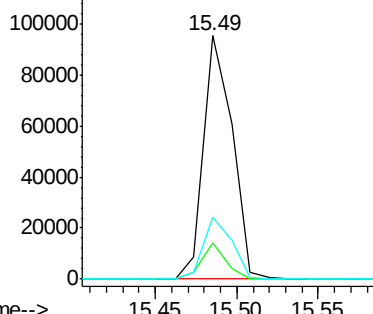
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	7.1	10.7#
236	25.5	21.4	32.2

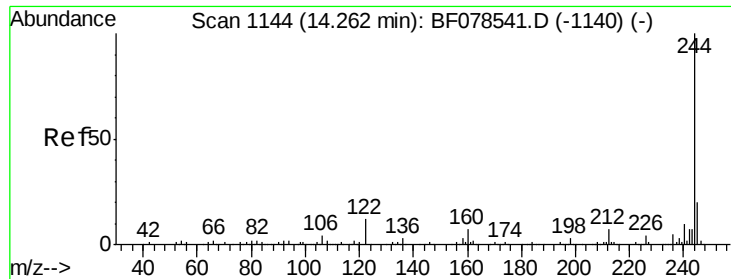


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

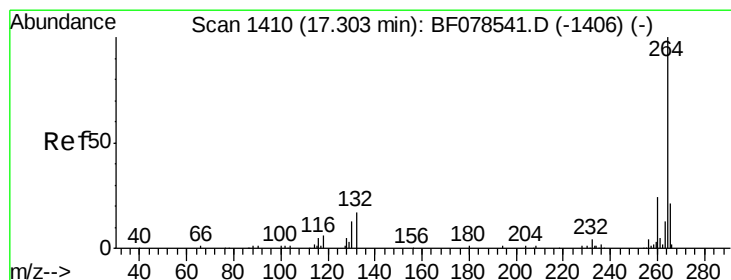
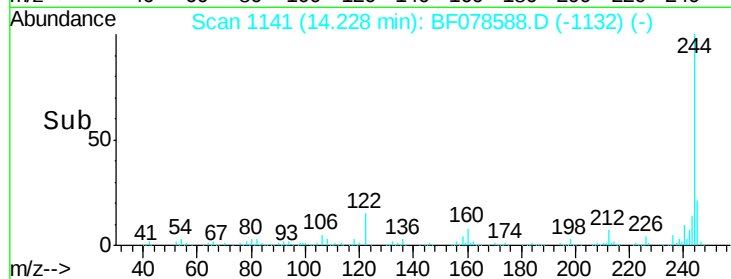
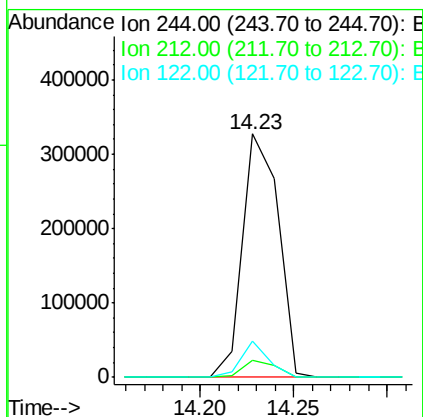
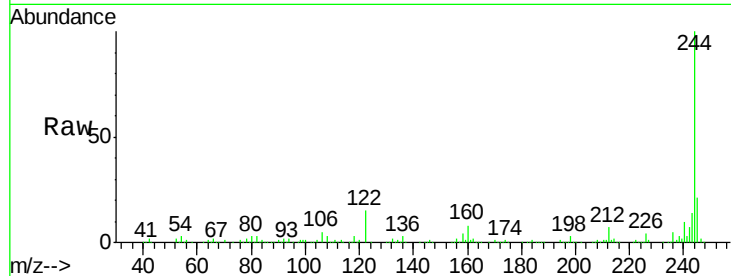




#78
 Terphenyl-d14
 Concen: 85.18 ng
 RT: 14.23 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF078588.D
 Acq: 17 Apr 2015 3:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Tgt Ion:244 Resp: 436565
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 14.7 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.15 min Scan# 1397
 Delta R.T. 0.02 min
 Lab File: BF078588.D
 Acq: 17 Apr 2015 3:44

Tgt Ion:264 Resp: 120735
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.0 17.0 25.6

