

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083318.D
 Acq On : 26 Nov 2015 14:30
 Operator : UM/IZ
 Sample : G4539-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Quant Time: Nov 26 16:44:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	156445	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	534602	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	229201	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	408230	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	446985	20.00	ng	-0.08
86) Perylene-d12	15.07	264	326447	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	649886	62.80	ng	-0.09
7) Phenol-d6	6.25	99	526444	39.32	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1170899	100.08	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	260907	111.27	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1504057	91.51	ng	-0.07
78) Terphenyl-d14	12.69	244	1358411	71.56	ng	-0.08

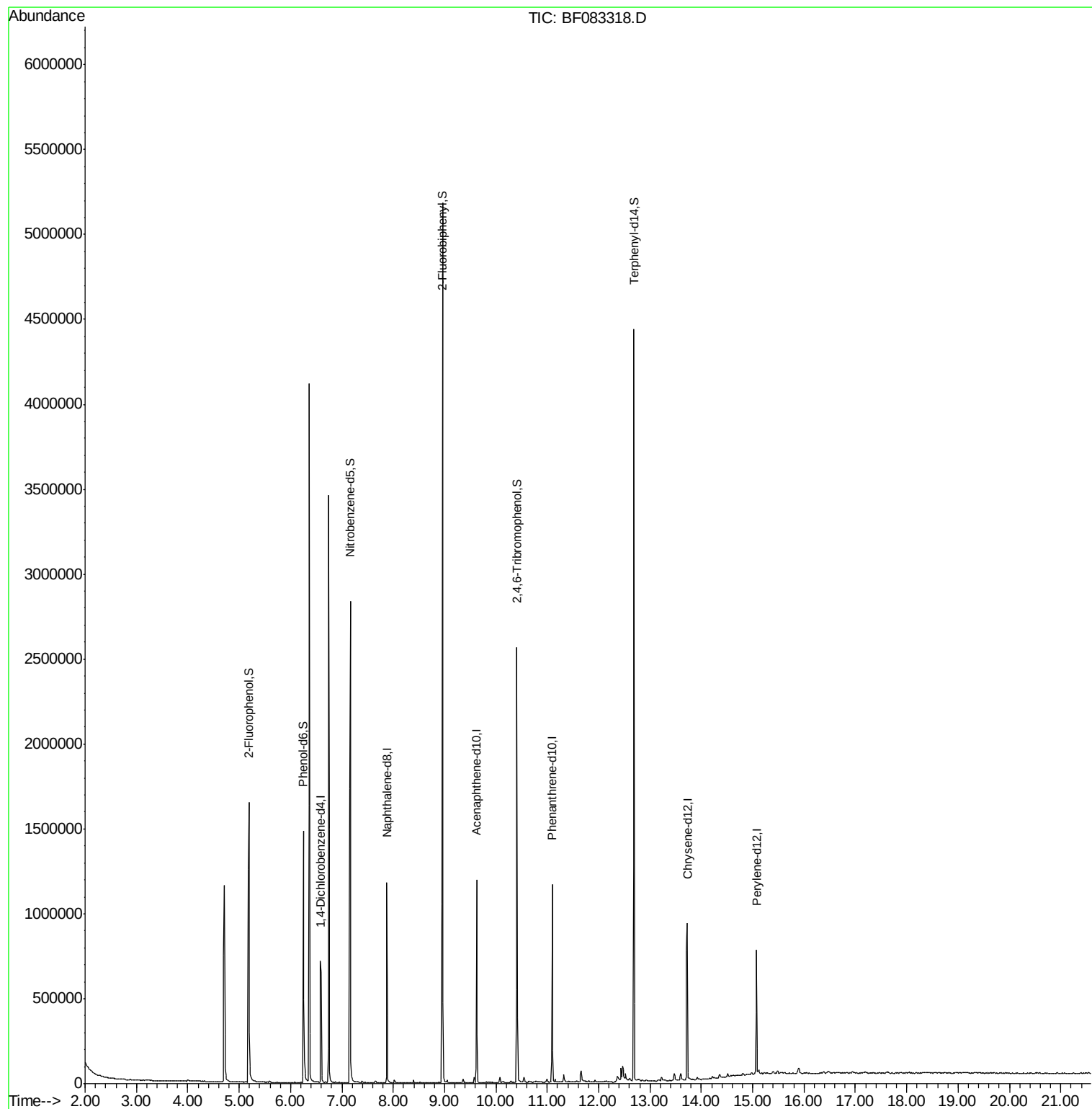
Target Compounds Qvalue

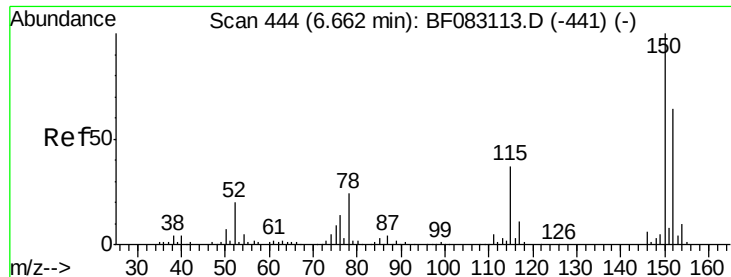
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 16:44:12 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083318.D

Acq: 26 Nov 2015 14:30

Instrument :

BNA_F

ClientSampleId :

W-05

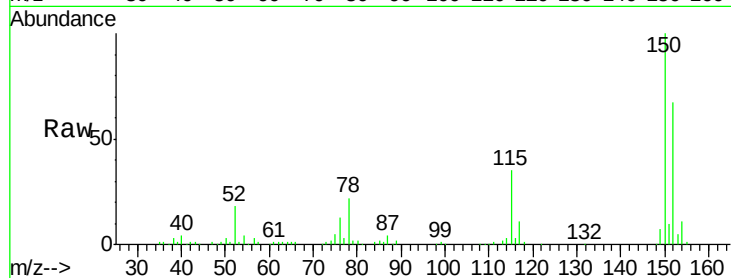
Tot Ion:152 Resp: 156445

Ion Ratio Lower Upper

152 100

150 149.1 125.8 188.8

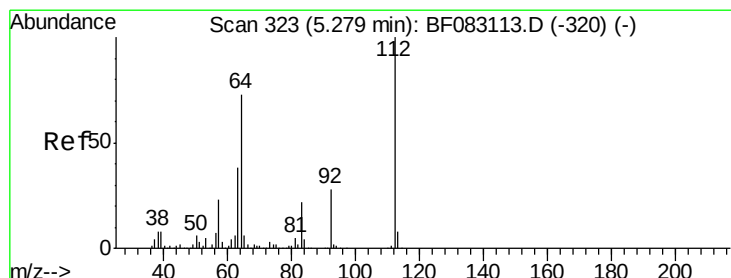
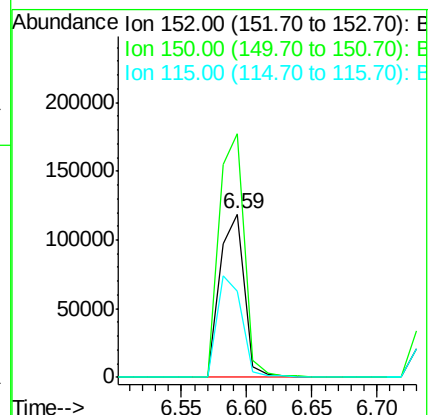
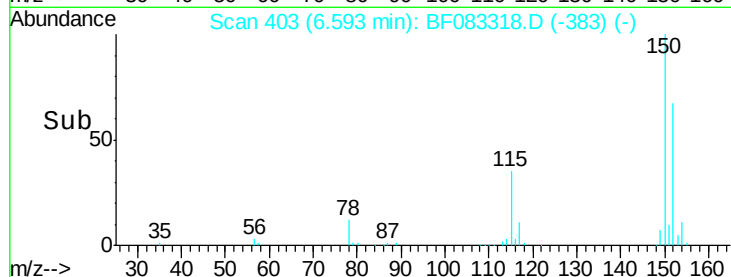
115 52.5 46.9 70.3



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: 62.80 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083318.D

Acq: 26 Nov 2015 14:30

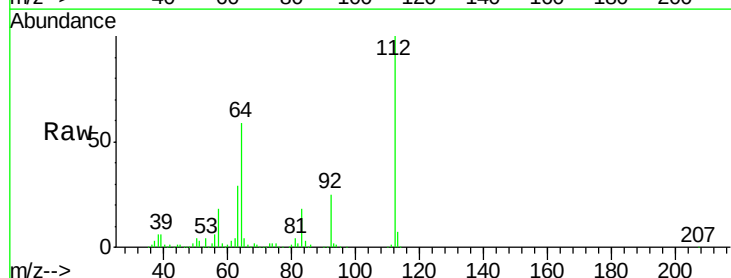
Tgt Ion:112 Resp: 649886

Ion Ratio Lower Upper

112 100

64 59.1 58.4 87.6

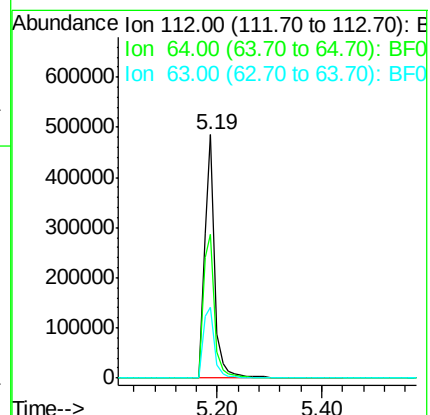
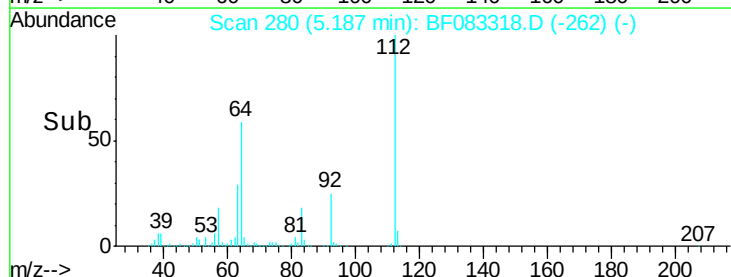
63 28.9 30.0 45.0#

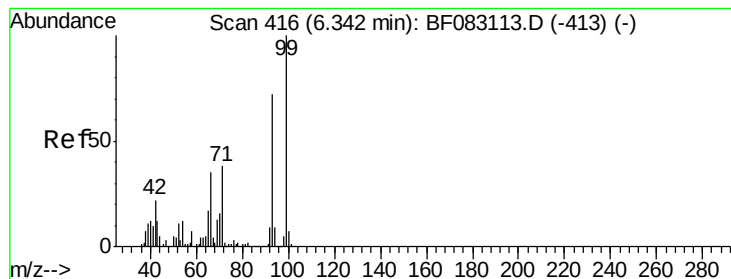


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.32 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083318.D

Acq: 26 Nov 2015 14:30

Instrument :

BNA_F

ClientSampleId :

W-05

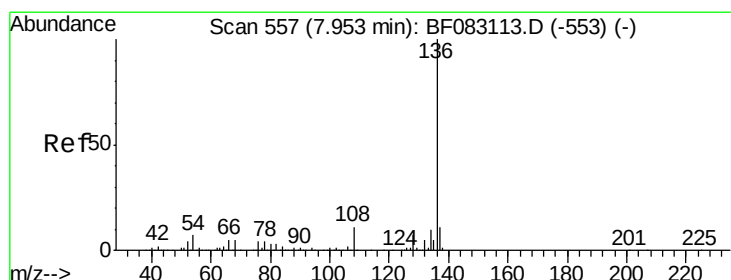
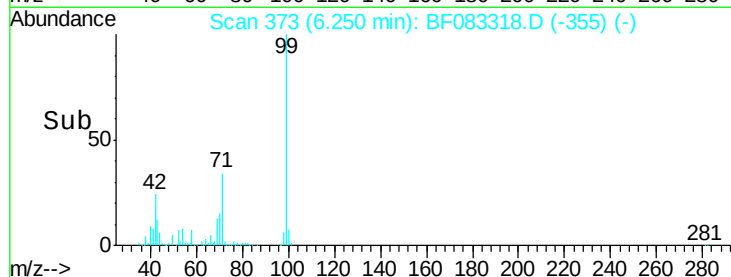
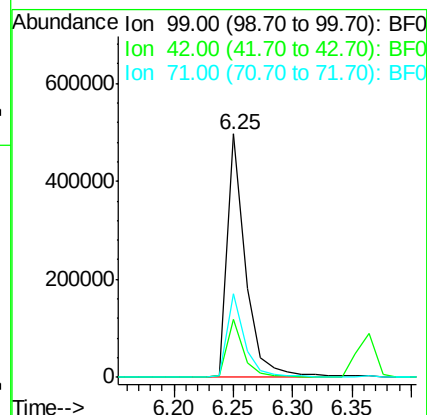
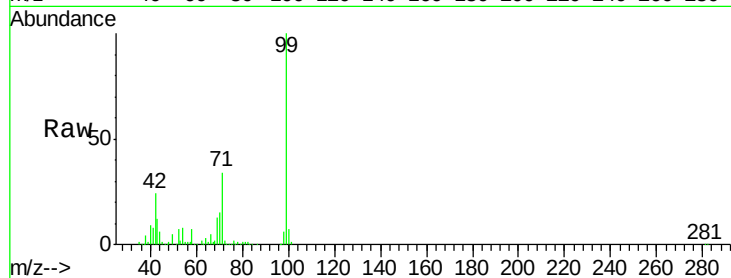
Tot Ion: 99 Resp: 526444

Ion Ratio Lower Upper

99 100

42 23.8 17.7 26.5

71 34.4 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083318.D

Acq: 26 Nov 2015 14:30

Tgt Ion: 136 Resp: 534602

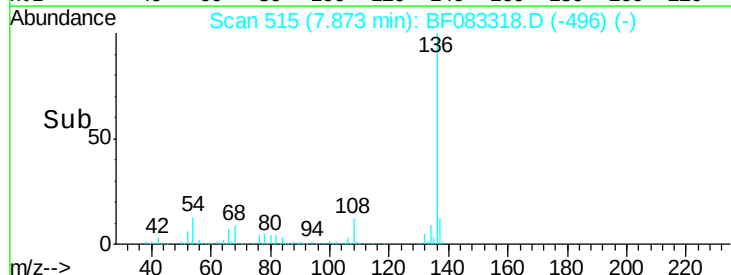
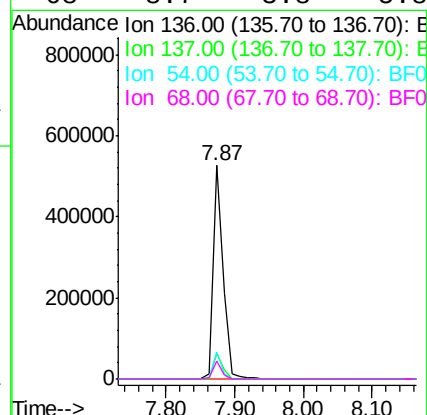
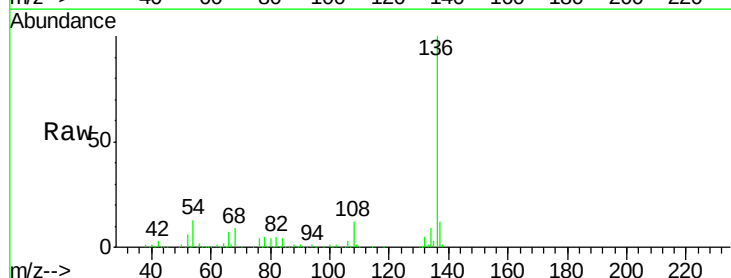
Ion Ratio Lower Upper

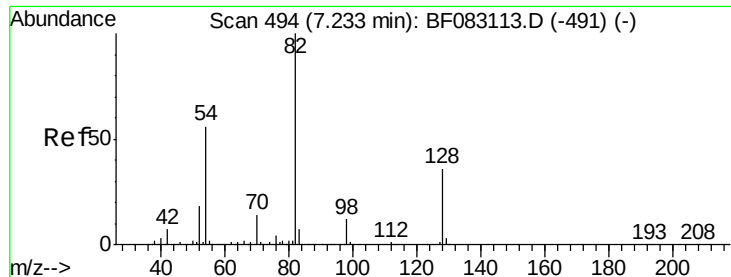
136 100

137 11.7 8.7 13.1

54 12.6 5.8 8.6#

68 8.7 3.8 5.8#

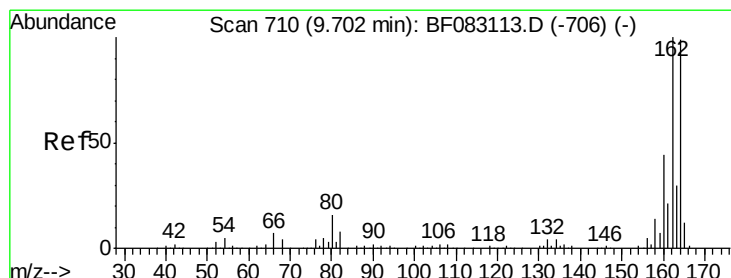
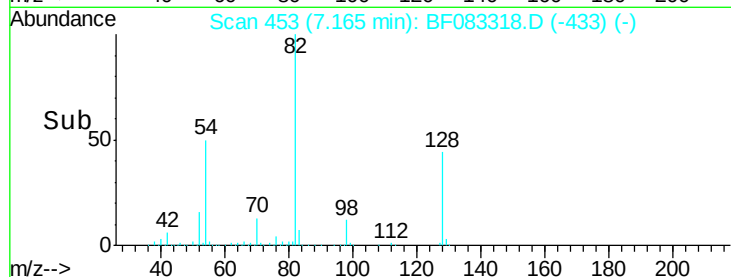
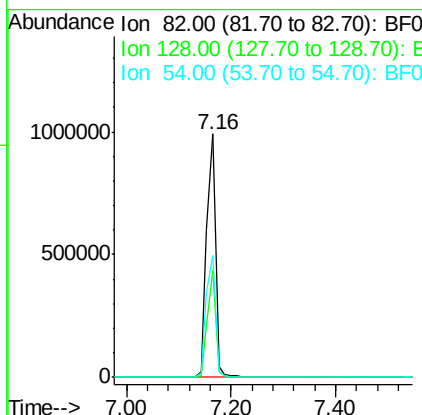
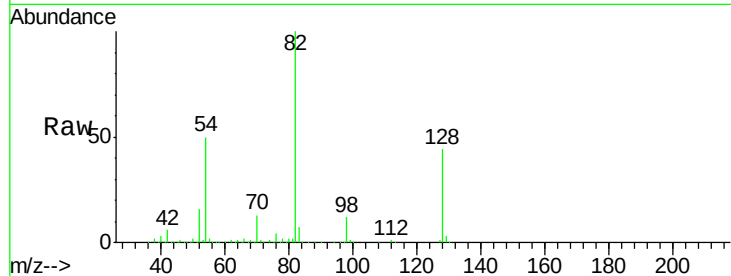




#23
 Nitrobenzene-d5
 Concen: 100.08 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083318.D
 Acq: 26 Nov 2015 14:30

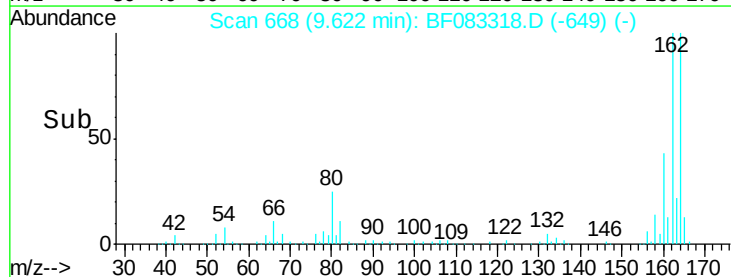
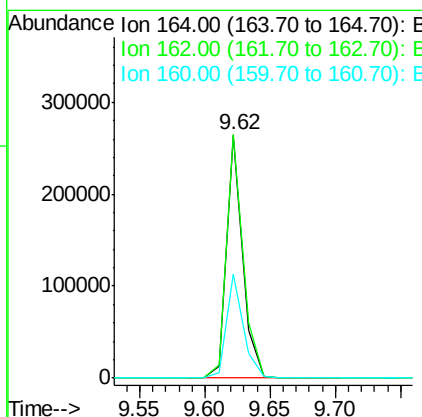
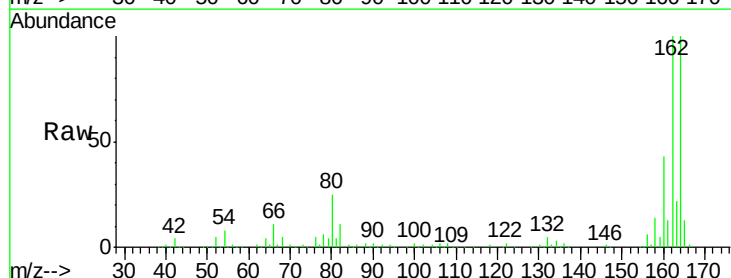
Instrument :
 BNA_F
 ClientSampleId :
 W-05

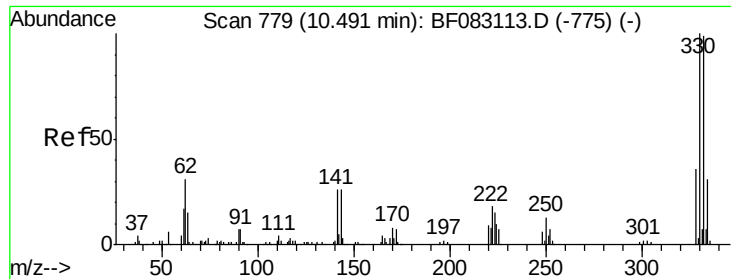
Tot Ion: 82 Resp: 1170899
 Ion Ratio Lower Upper
 82 100
 128 43.5 28.5 42.7#
 54 50.0 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083318.D
 Acq: 26 Nov 2015 14:30

Tgt Ion:164 Resp: 229201
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.2 121.8
 160 43.0 35.6 53.4

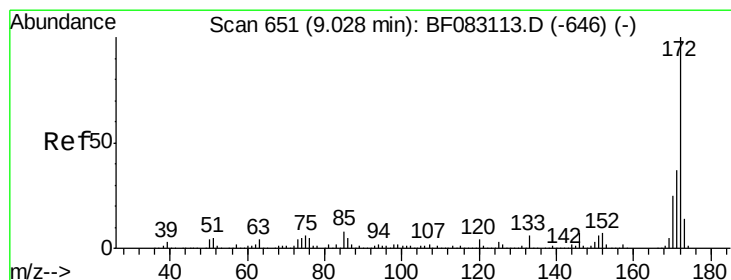
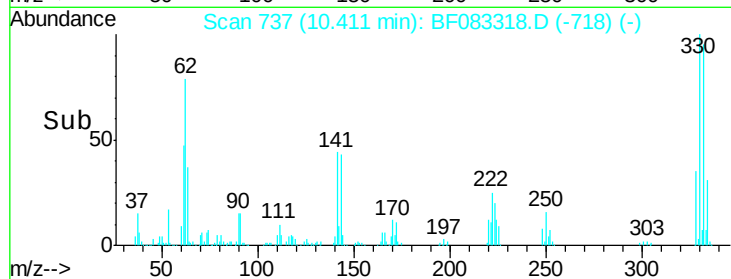
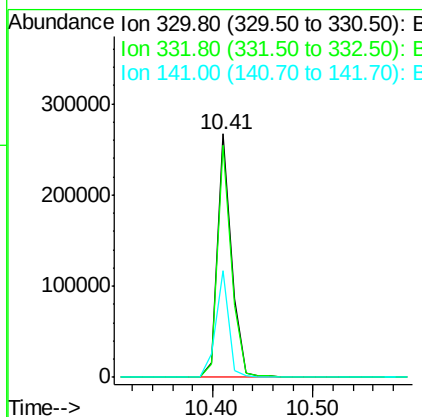
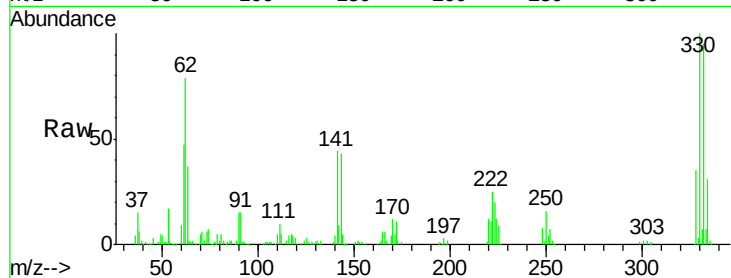




#41
 2,4,6-Tribromophenol
 Concen: 111.27 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083318.D
 Acq: 26 Nov 2015 14:30

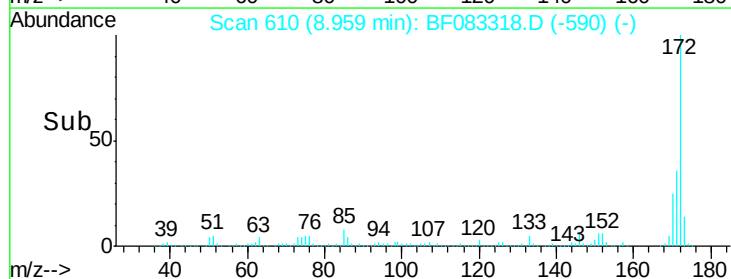
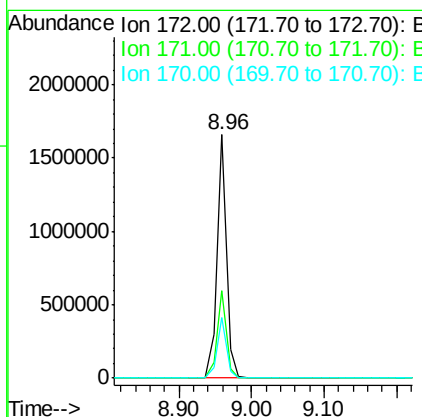
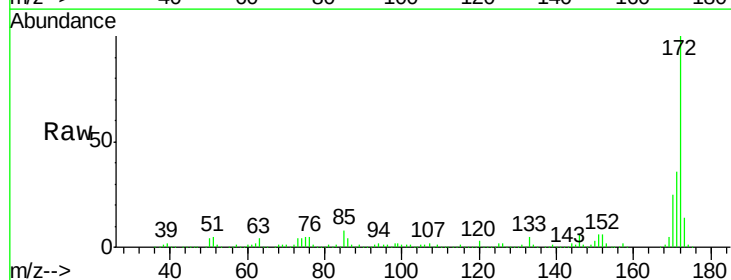
Instrument :
 BNA_F
 ClientSampleId :
 W-05

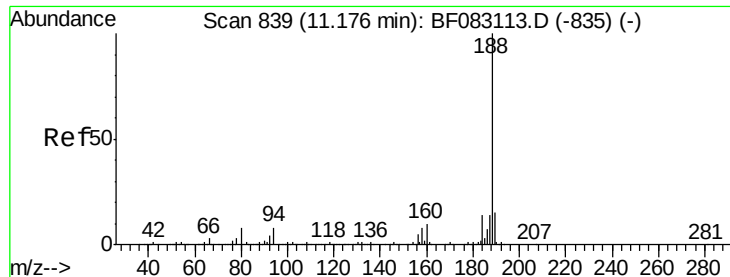
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.7	116.5
141	40.4	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083318.D
 Acq: 26 Nov 2015 14:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	24.8	19.9	29.9

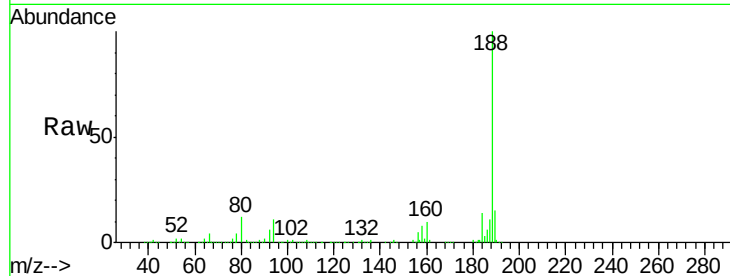




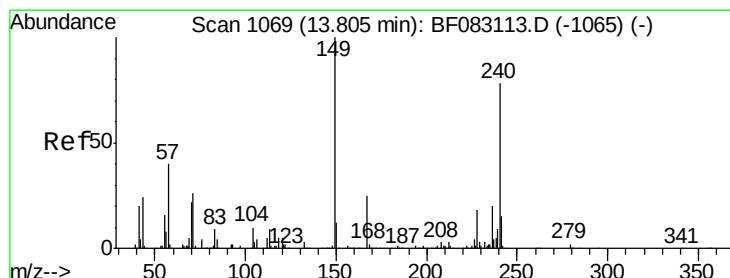
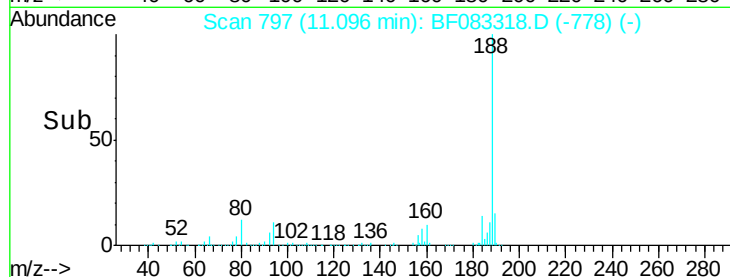
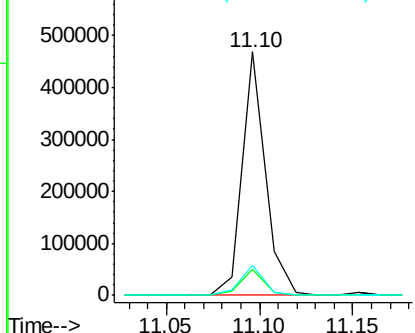
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083318.D
Acq: 26 Nov 2015 14:30

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion:188 Resp: 408230
Ion Ratio Lower Upper
188 100
94 10.9 6.0 9.0#
80 12.2 6.7 10.1#

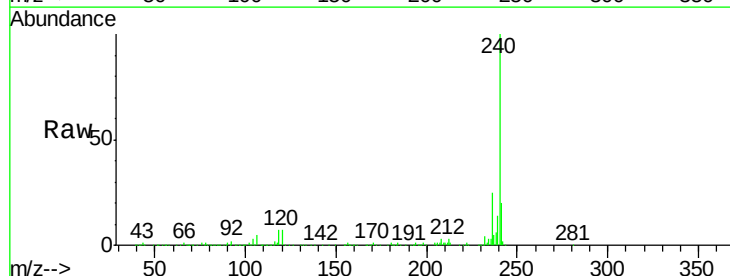


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

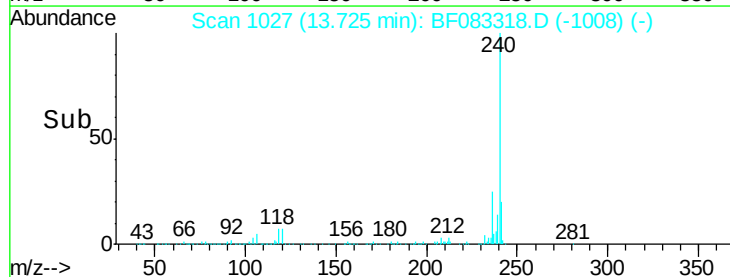
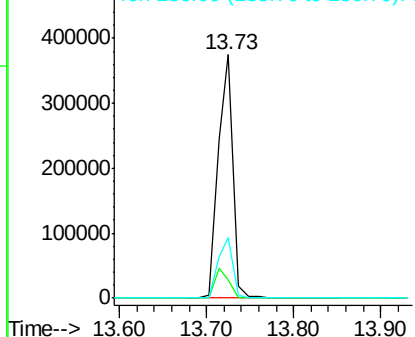


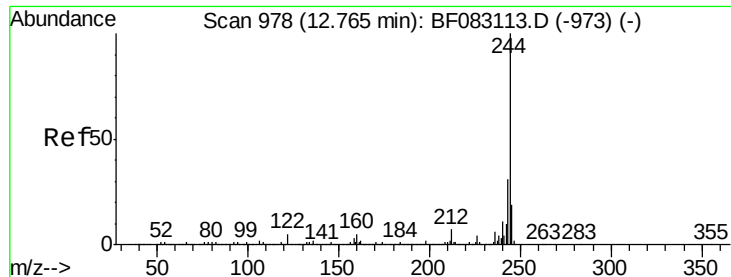
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083318.D
Acq: 26 Nov 2015 14:30

Tgt Ion:240 Resp: 446985
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.2
236 24.9 20.6 31.0



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: 71.56 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083318.D

Acq: 26 Nov 2015 14:30

Instrument :

BNA_F

ClientSampleId :

W-05

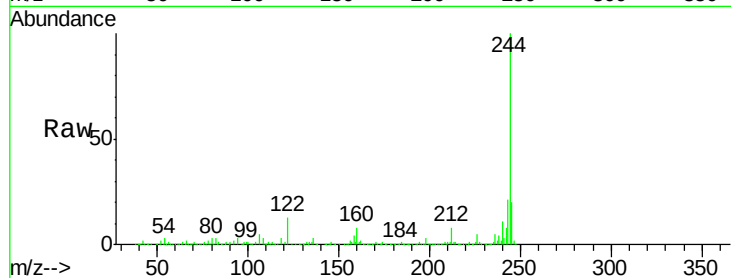
Tot Ion:244 Resp: 1358411

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

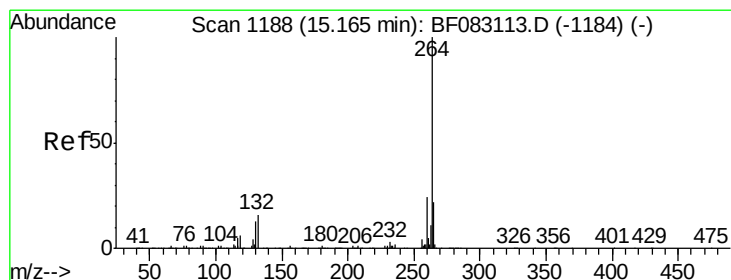
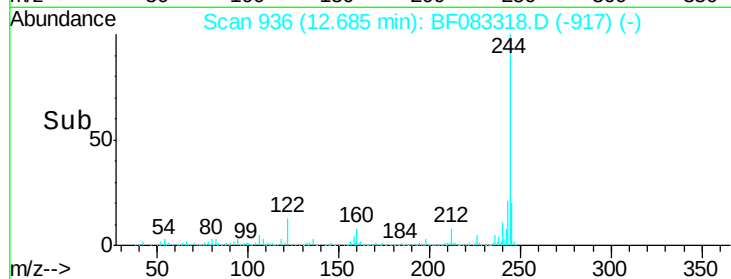
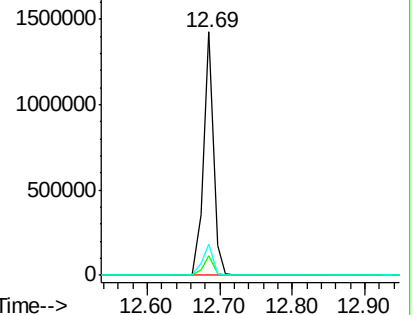
122 13.0 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083318.D

Acq: 26 Nov 2015 14:30

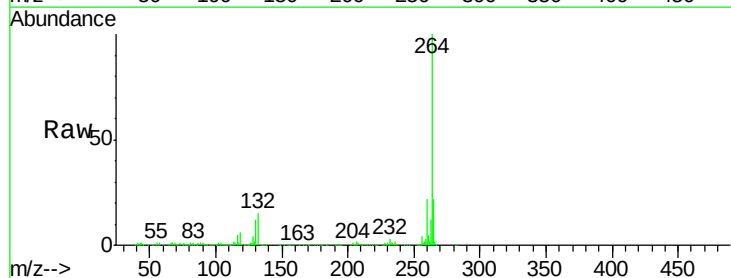
Tgt Ion:264 Resp: 326447

Ion Ratio Lower Upper

264 100

260 22.4 19.1 28.7

265 22.1 18.2 27.4



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

