

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083319.D
 Acq On : 26 Nov 2015 14:59
 Operator : UM/IZ
 Sample : G4539-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Nov 26 16:45:33 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	147004	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	508433	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	215384	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	390952	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	438708	20.00	ng	-0.08
86) Perylene-d12	15.07	264	317368	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	651595	67.01	ng	-0.09
7) Phenol-d6	6.25	99	544589	43.29	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1147845	103.16	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	260039	118.01	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1464230	94.80	ng	-0.07
78) Terphenyl-d14	12.68	244	1321843	70.95	ng	-0.08

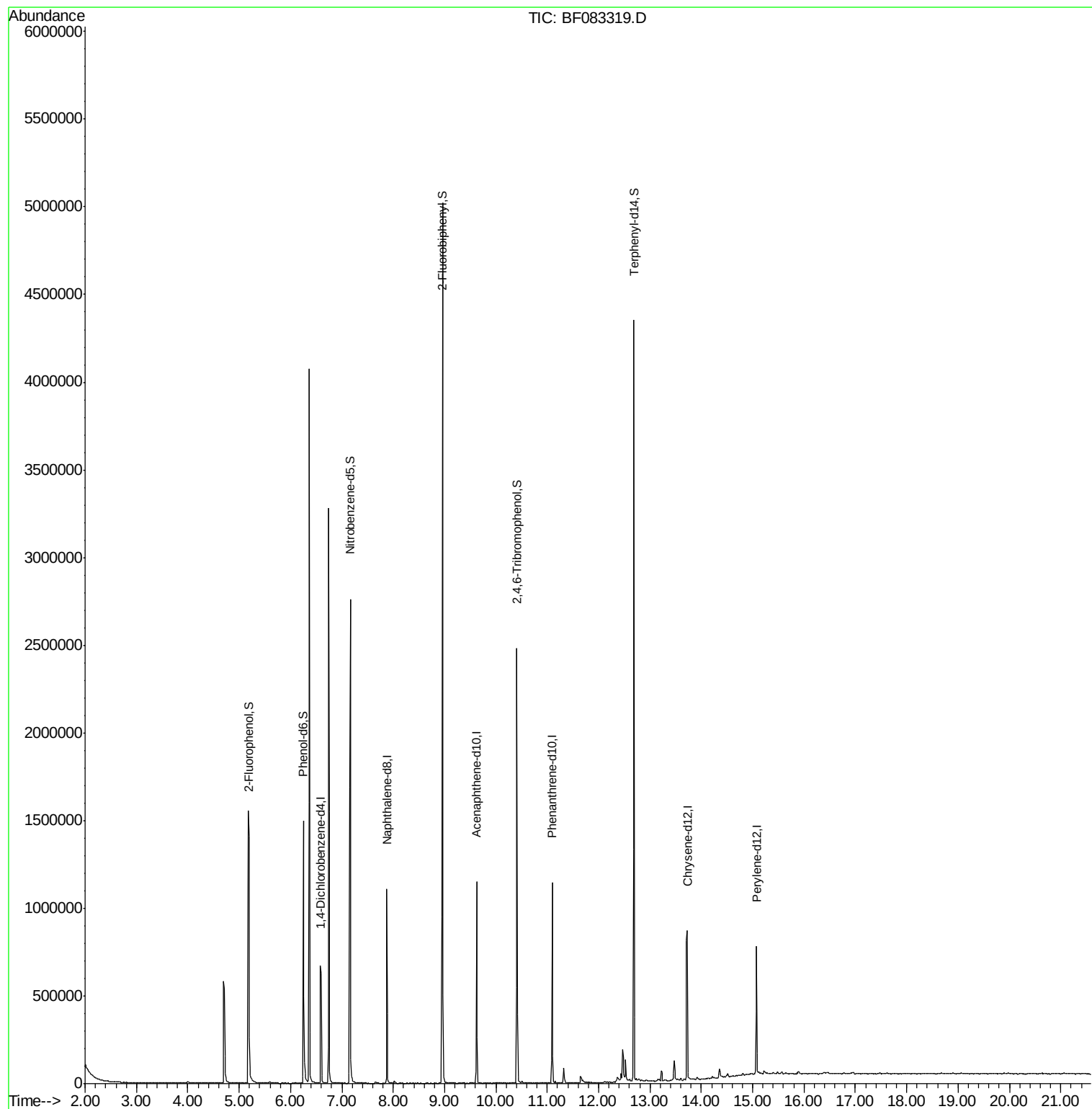
Target Compounds Qvalue

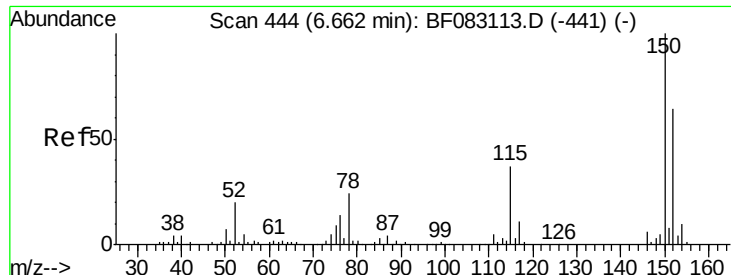
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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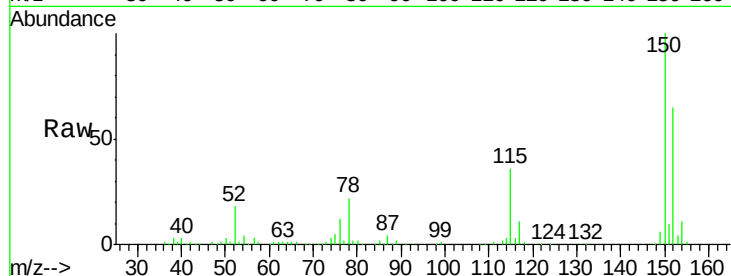


#1

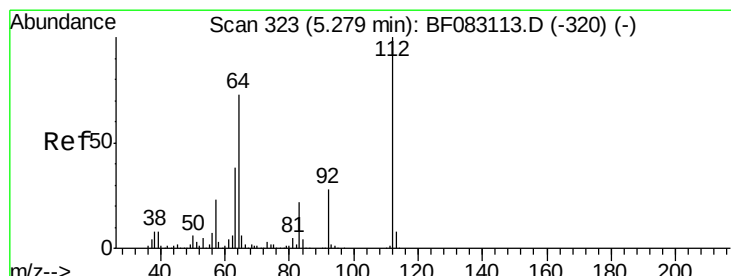
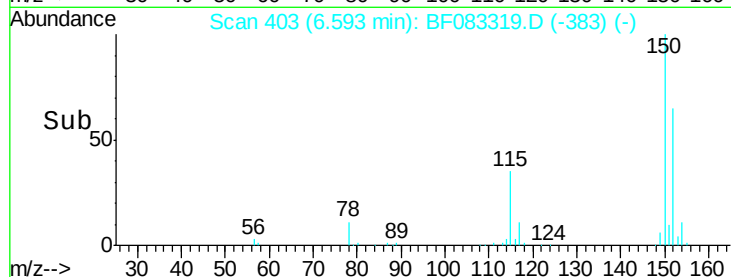
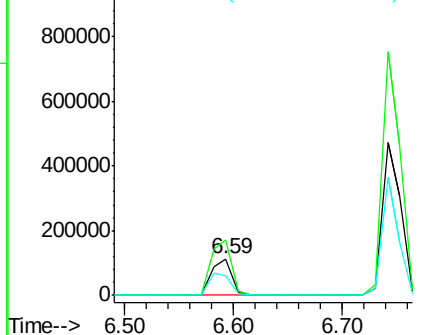
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.07 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion:152 Resp: 147004
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.8 188.8
 115 54.8 46.9 70.3



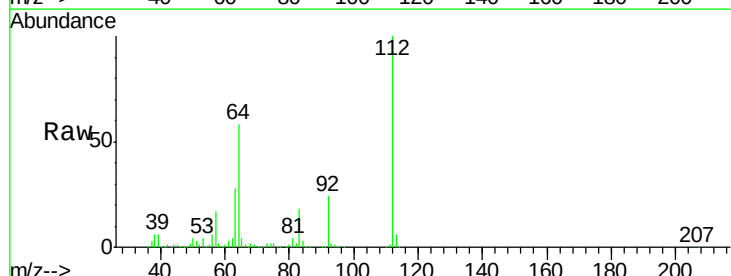
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



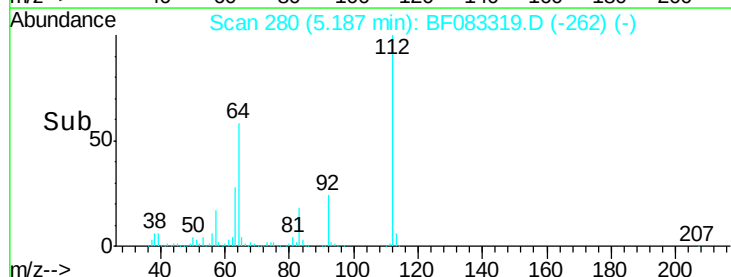
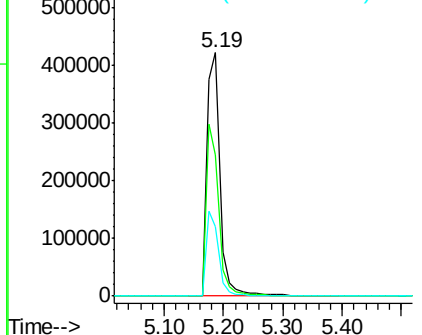
#5

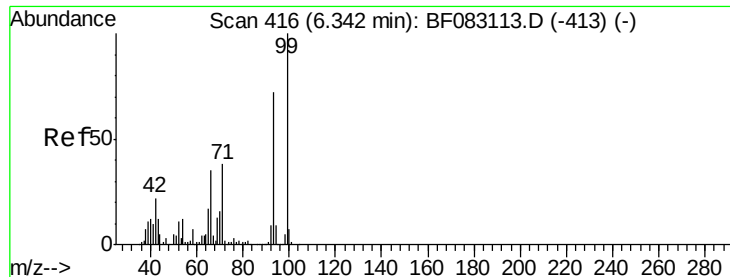
2-Fluorophenol
 Concen: 67.01 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Tgt Ion:112 Resp: 651595
 Ion Ratio Lower Upper
 112 100
 64 58.1 58.4 87.6#
 63 28.5 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: 43.29 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083319.D

Acq: 26 Nov 2015 14:59

Instrument :

BNA_F

ClientSampleId :

W-12

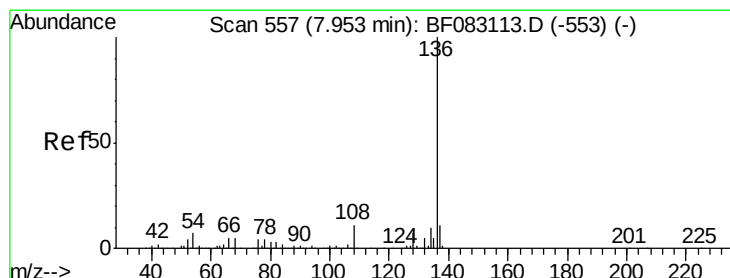
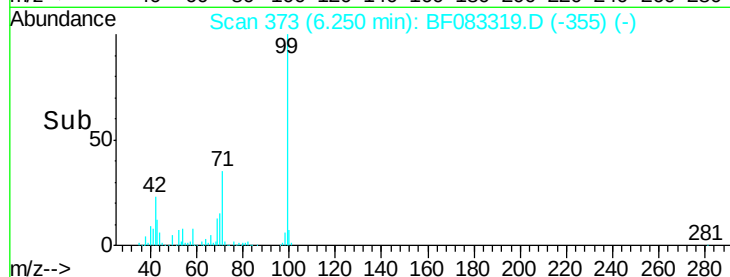
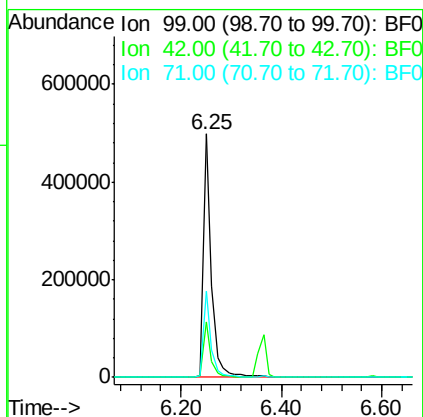
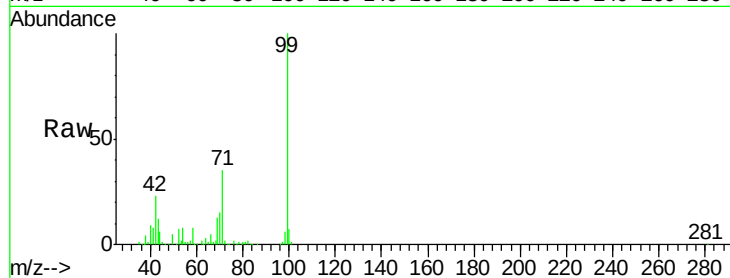
Tot Ion: 99 Resp: 544589

Ion Ratio Lower Upper

99 100

42 22.6 17.7 26.5

71 35.2 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: BF083319.D

Acq: 26 Nov 2015 14:59

Tgt Ion: 136 Resp: 508433

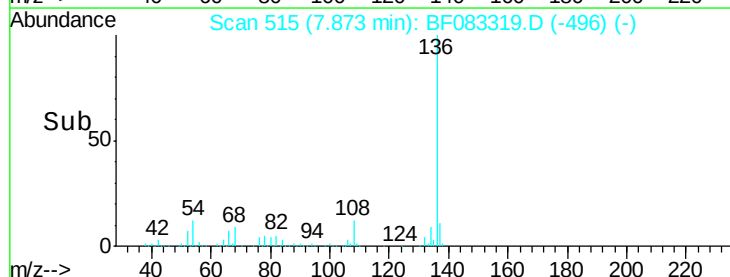
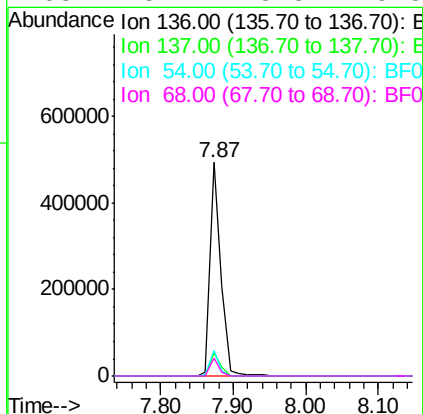
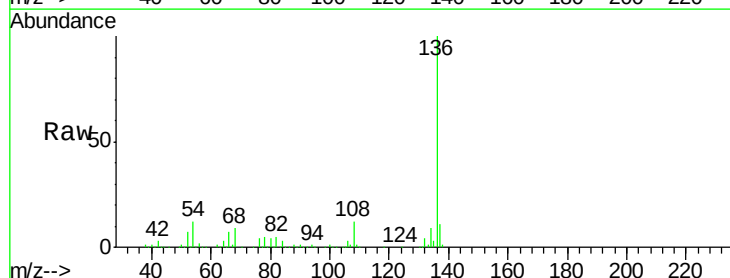
Ion Ratio Lower Upper

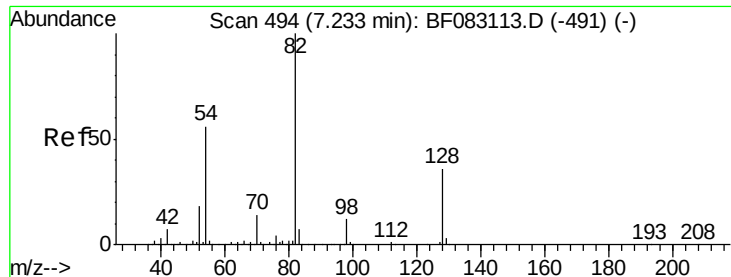
136 100

137 11.0 8.7 13.1

54 12.1 5.8 8.6#

68 8.7 3.8 5.8#

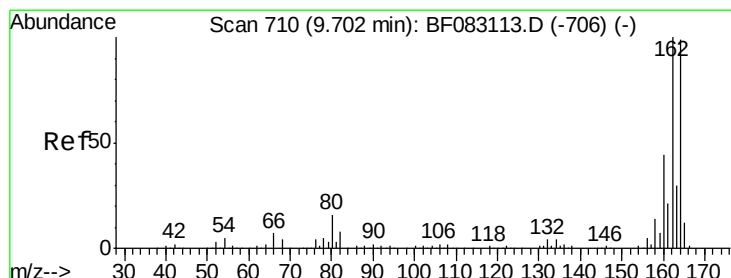
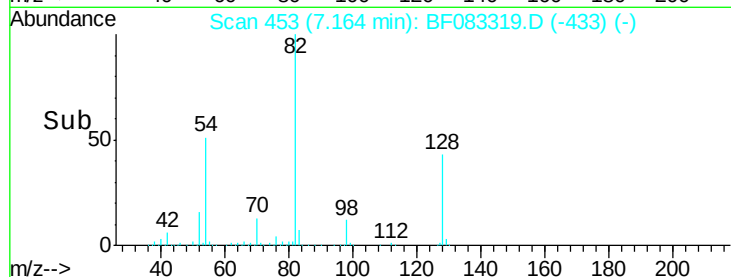
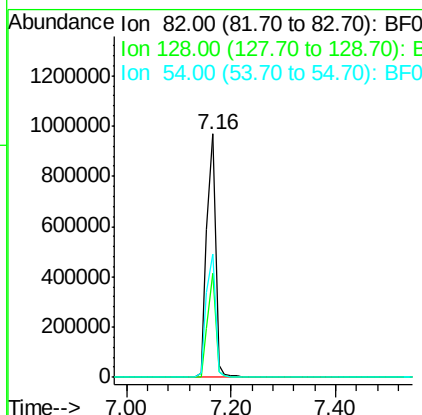
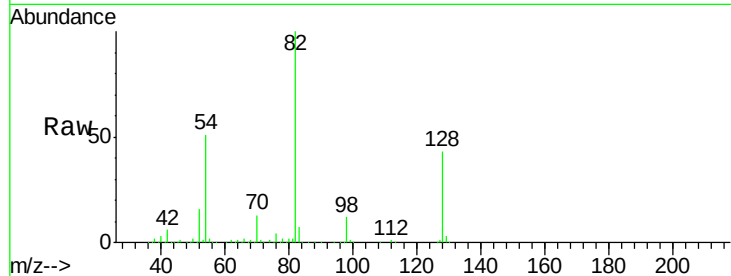




#23
 Nitrobenzene-d5
 Concen: 103.16 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

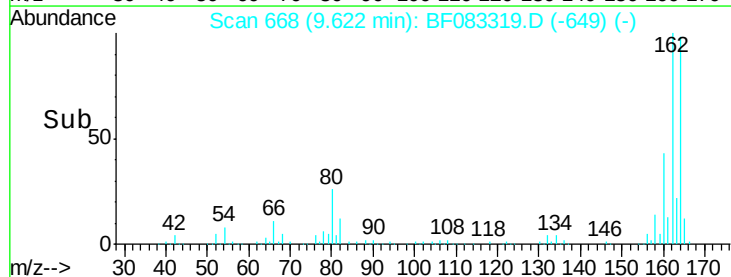
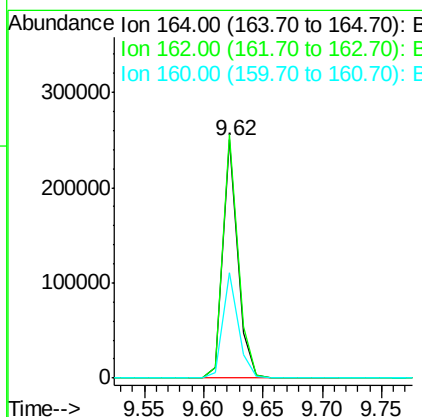
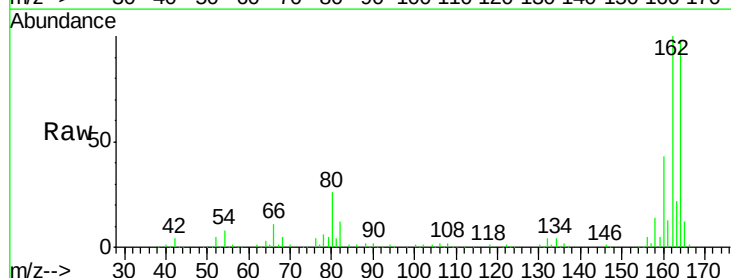
Instrument :
 BNA_F
 ClientSampleId :
 W-12

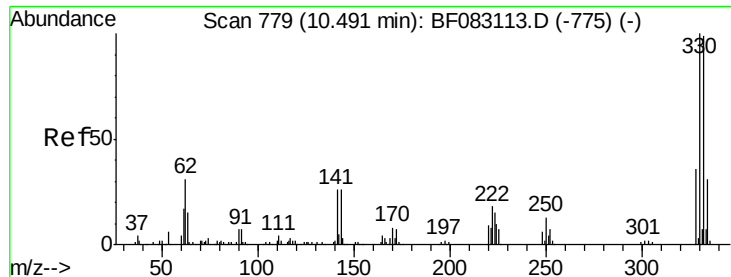
Tot Ion: 82 Resp: 1147845
 Ion Ratio Lower Upper
 82 100
 128 42.7 28.5 42.7
 54 50.6 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Tgt Ion:164 Resp: 215384
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.2 121.8
 160 44.1 35.6 53.4

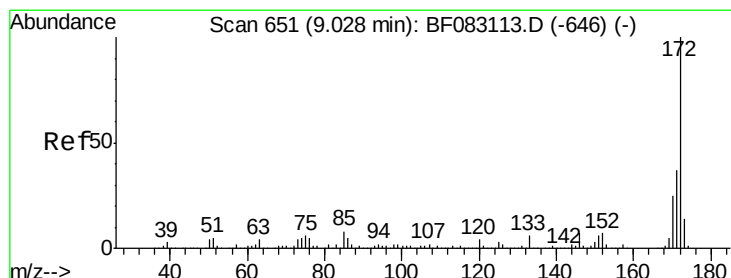
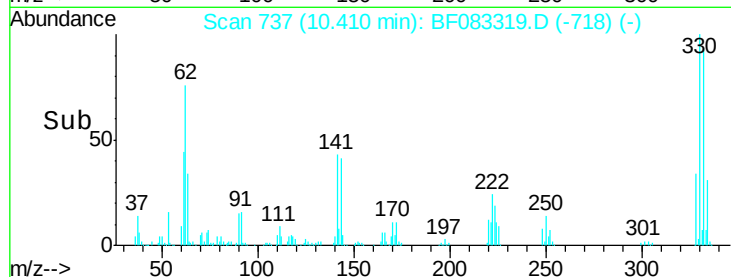
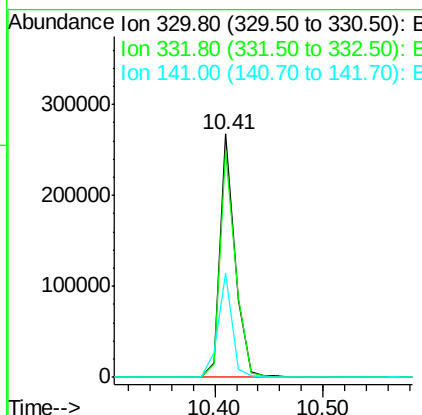
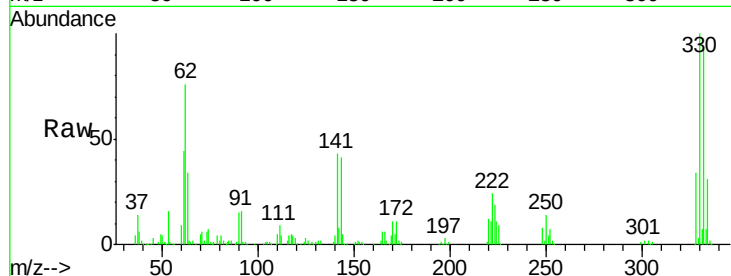




#41
 2,4,6-Tribromophenol
 Concen: 118.01 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

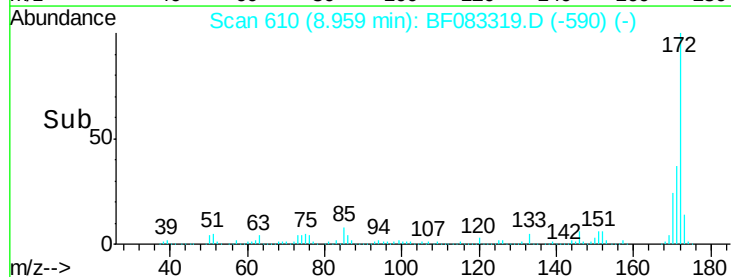
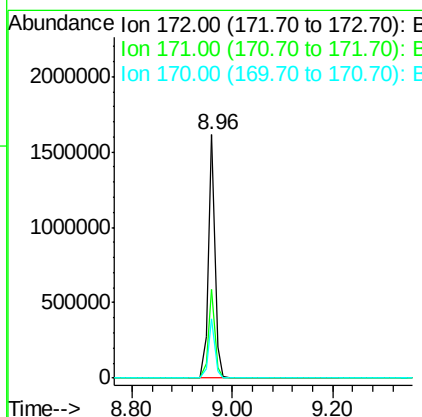
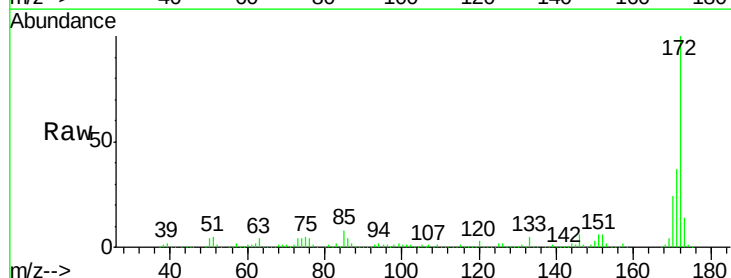
Instrument :
 BNA_F
 ClientSampleId :
 W-12

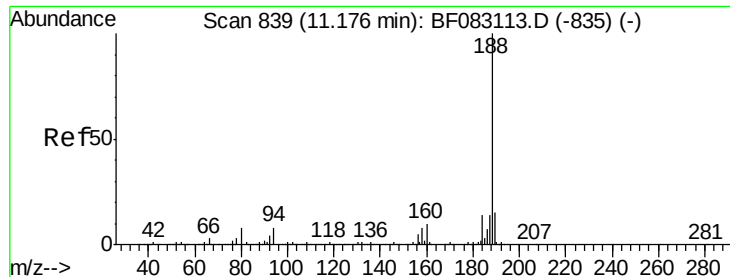
Tot Ion:330 Resp: 260039
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.7 116.5
 141 40.5 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 94.80 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083319.D
 Acq: 26 Nov 2015 14:59

Tgt Ion:172 Resp: 1464230
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 24.5 19.9 29.9

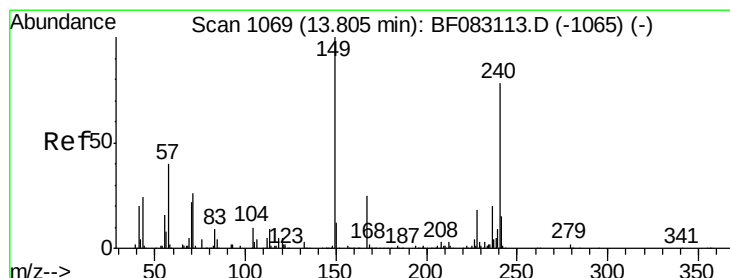
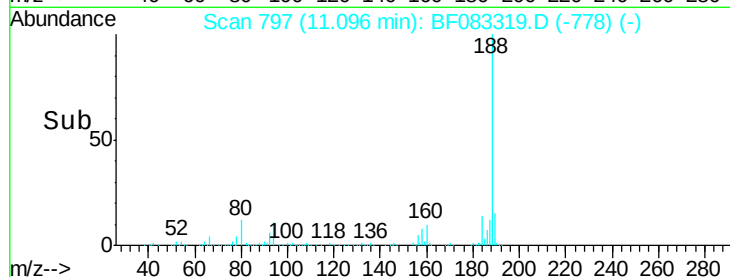
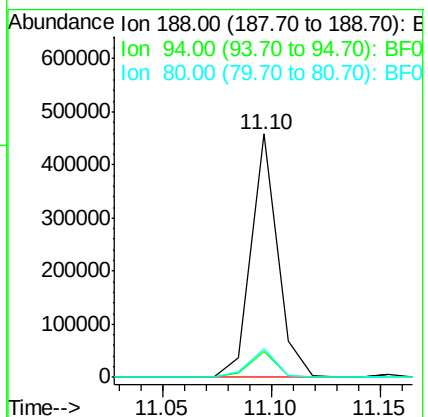
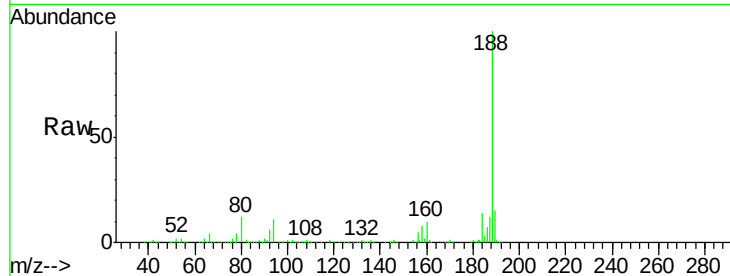




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

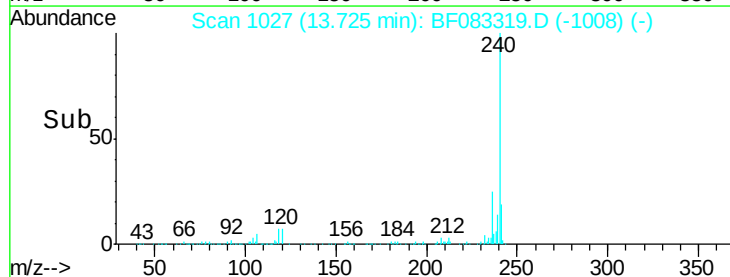
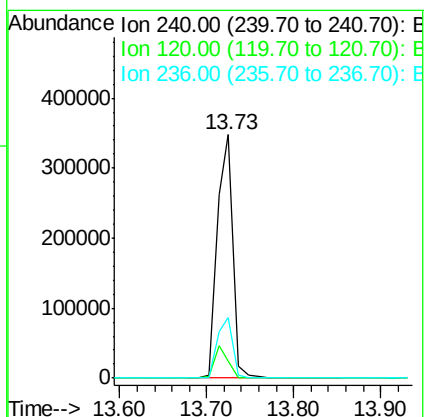
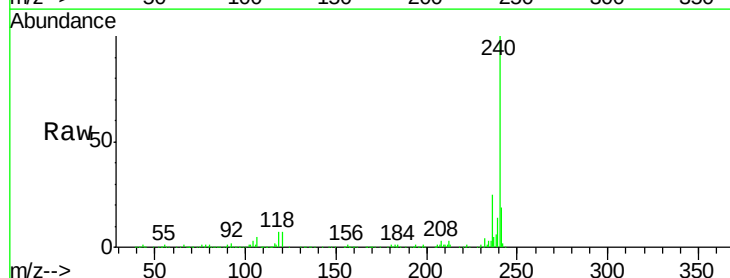
Instrument :
BNA_F
ClientSampleId :
W-12

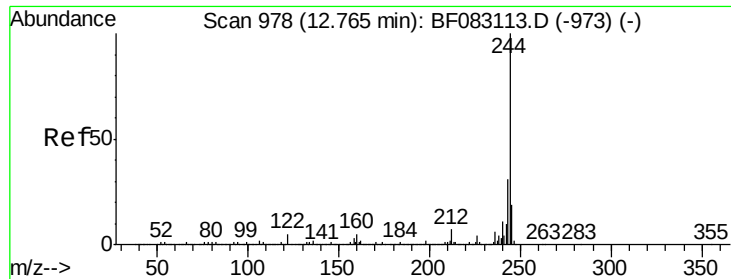
Tot Ion:188 Resp: 390952
Ion Ratio Lower Upper
188 100
94 10.6 6.0 9.0#
80 11.6 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083319.D
Acq: 26 Nov 2015 14:59

Tgt Ion:240 Resp: 438708
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.2
236 25.1 20.6 31.0





#78

Terphenyl-d14

Concen: 70.95 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083319.D

Acq: 26 Nov 2015 14:59

Instrument :

BNA_F

ClientSampleId :

W-12

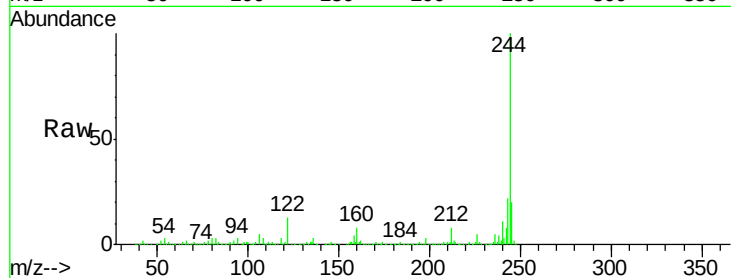
Tot Ion:244 Resp: 1321843

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	12.8	4.3	6.5

244 100

212 7.7 5.4 8.2

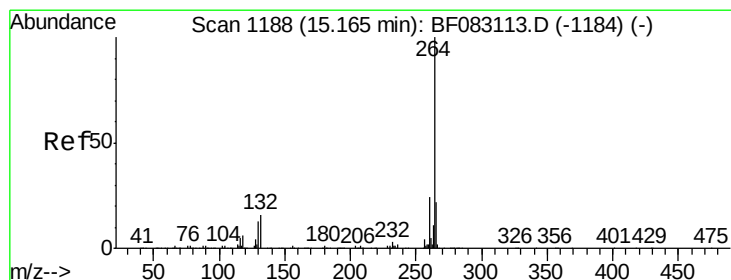
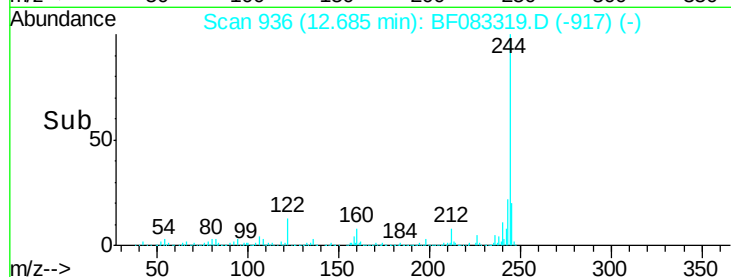
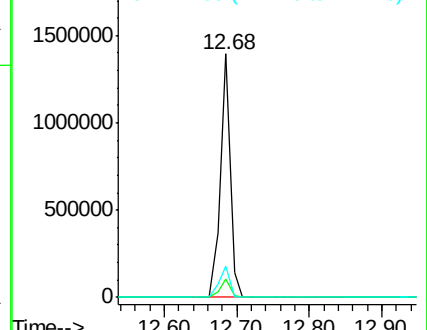
122 12.8 4.3 6.5



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: BF083319.D

Acq: 26 Nov 2015 14:59

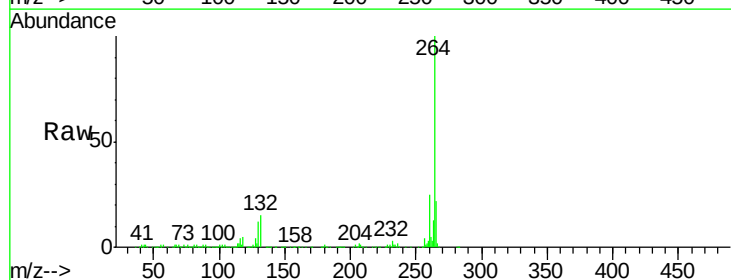
Tgt Ion:264 Resp: 317368

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	21.8	18.2	27.4

264 100

260 24.7 19.1 28.7

265 21.8 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

