

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083309.D
 Acq On : 26 Nov 2015 10:06
 Operator : UM/IZ
 Sample : G4572-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-D-S

Quant Time: Nov 26 16:24:36 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	139982	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	474525	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	197981	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	345996	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	402153	20.00	ng	-0.08
86) Perylene-d12	15.07	264	286734	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	388831	42.00	ng	-0.09
7) Phenol-d6	6.25	99	326569	27.26	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1026630	98.86	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	158041	78.03	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1303614	91.82	ng	-0.07
78) Terphenyl-d14	12.69	244	1217990	71.32	ng	-0.08

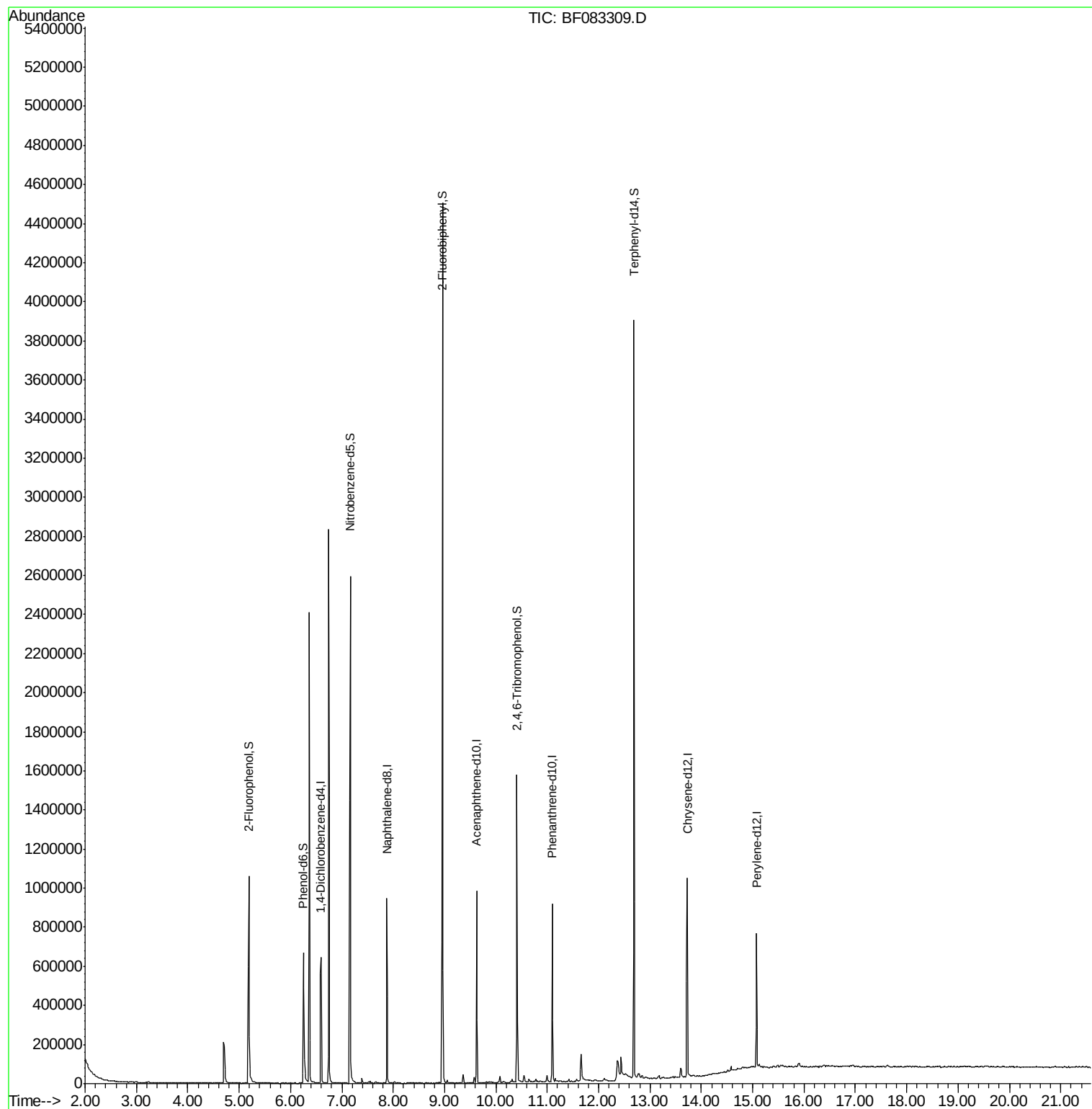
Target Compounds Qvalue

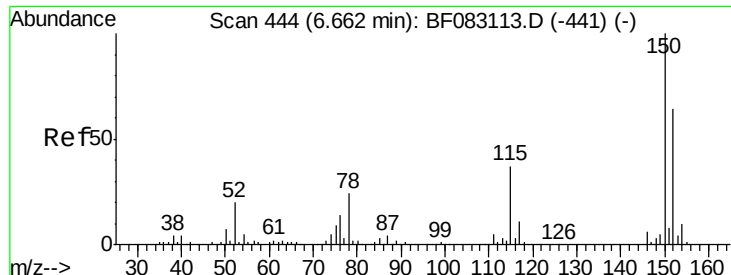
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083309.D

Acq: 26 Nov 2015 10:06

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-D-S

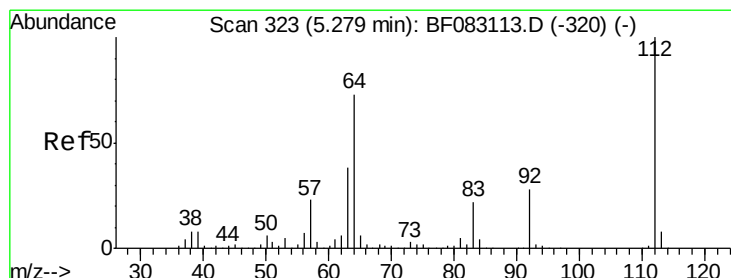
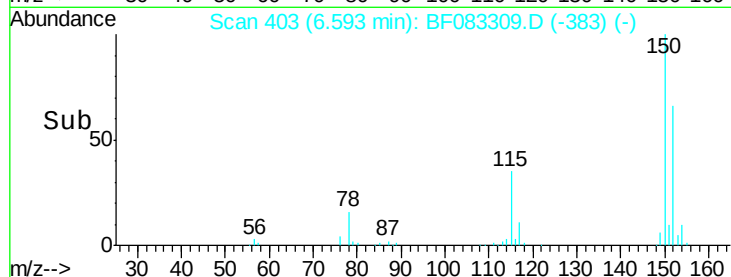
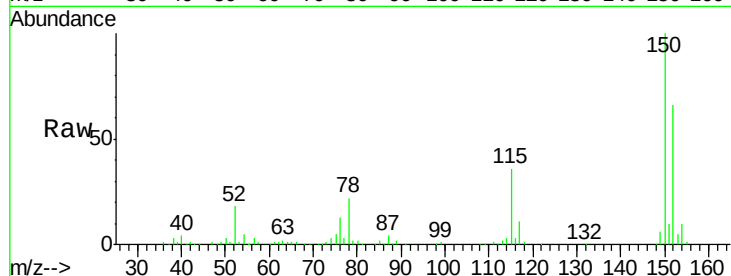
Tot Ion:152 Resp: 139982

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.8

115 54.4 46.9 70.3



#5

2-Fluorophenol

Concen: 42.00 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083309.D

Acq: 26 Nov 2015 10:06

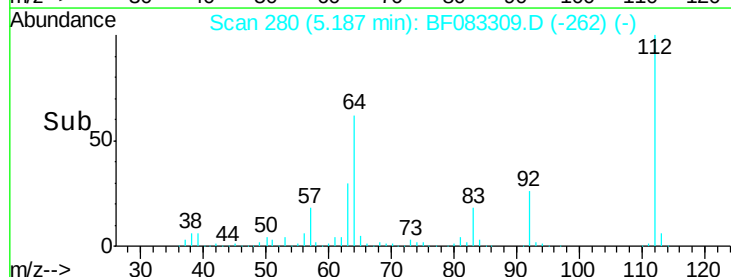
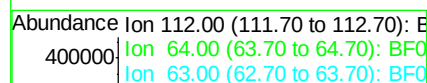
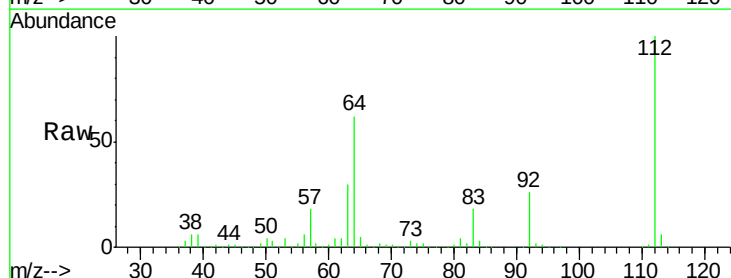
Tgt Ion:112 Resp: 388831

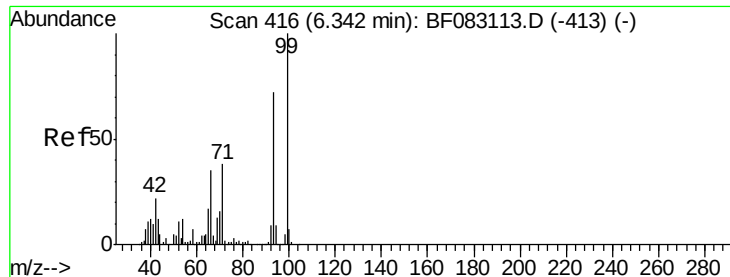
Ion Ratio Lower Upper

112 100

64 62.0 58.4 87.6

63 30.1 30.0 45.0





#7

Phenol-d6

Concen: 27.26 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083309.D

Acq: 26 Nov 2015 10:06

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-D-S

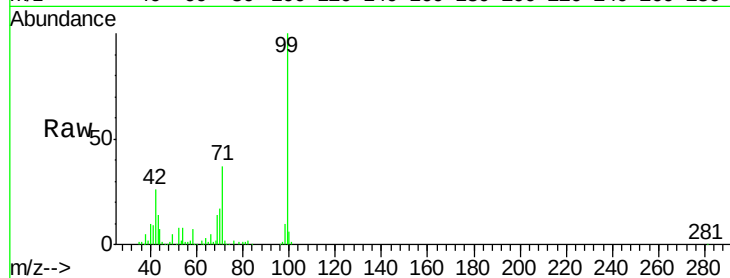
Tot Ion: 99 Resp: 326569

Ion Ratio Lower Upper

99 100

42 26.3 17.7 26.5

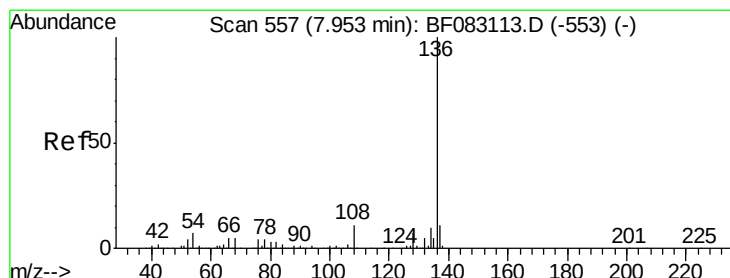
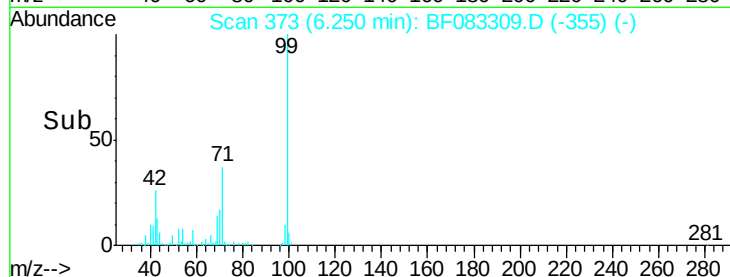
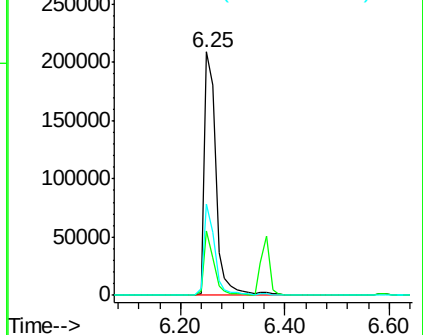
71 37.4 30.2 45.4



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: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083309.D

Acq: 26 Nov 2015 10:06

Tgt Ion: 136 Resp: 474525

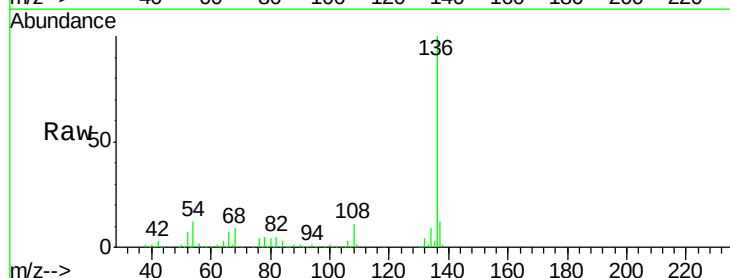
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 12.4 5.8 8.6#

68 8.6 3.8 5.8#

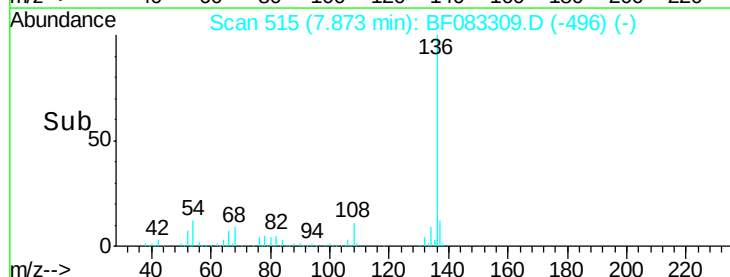
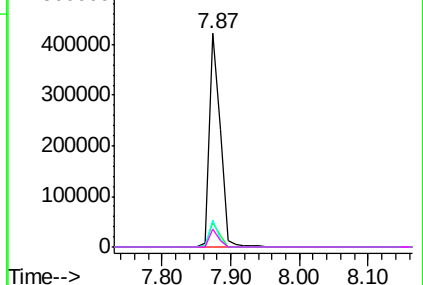


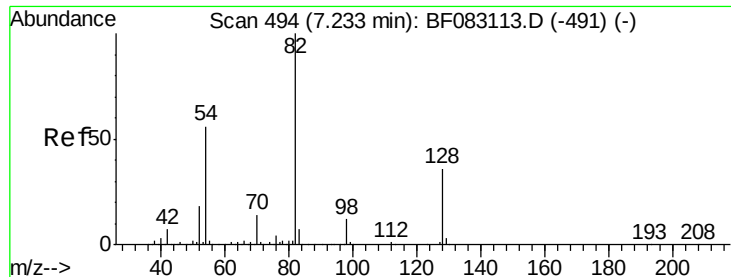
Abundance Ion 136.00 (135.70 to 136.70): E

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

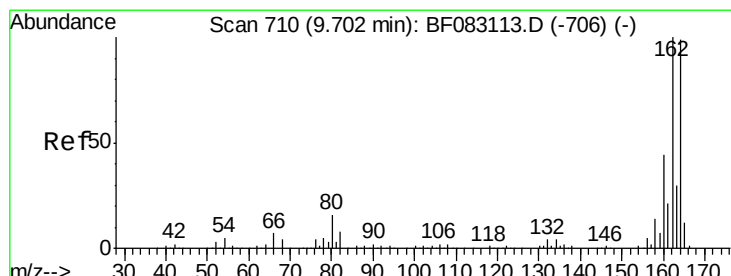
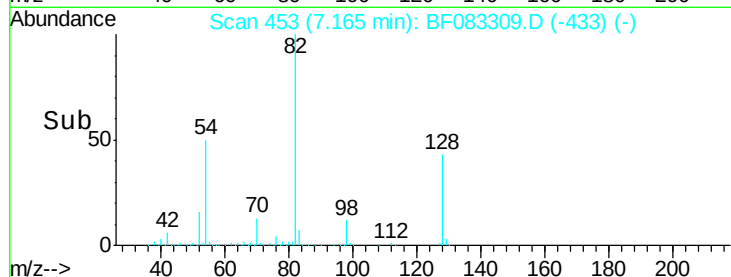
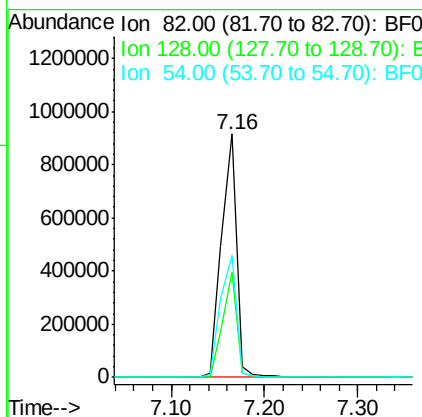
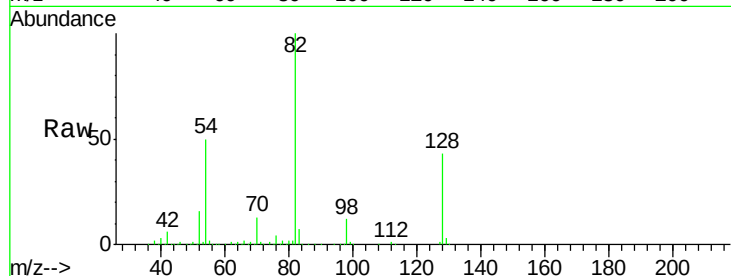




#23
 Nitrobenzene-d5
 Concen: 98.86 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083309.D
 Acq: 26 Nov 2015 10:06

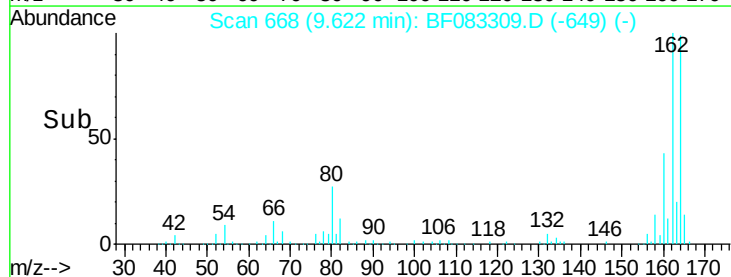
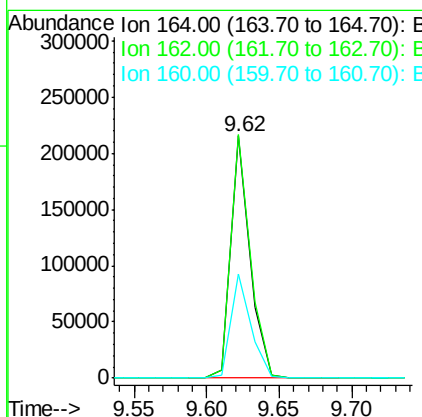
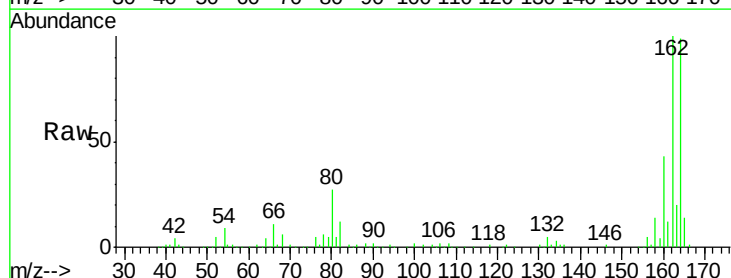
Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-D-S

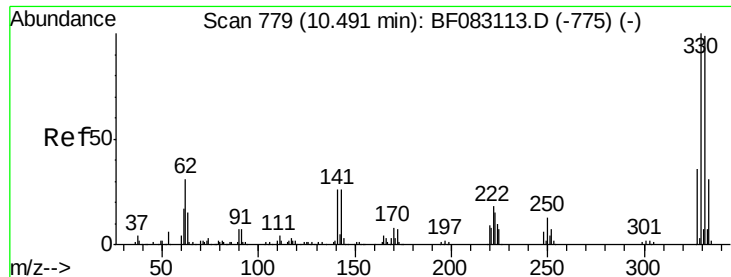
Tot Ion: 82 Resp: 1026630
 Ion Ratio Lower Upper
 82 100
 128 43.1 28.5 42.7#
 54 50.1 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083309.D
 Acq: 26 Nov 2015 10:06

Tgt Ion:164 Resp: 197981
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.2 121.8
 160 42.8 35.6 53.4

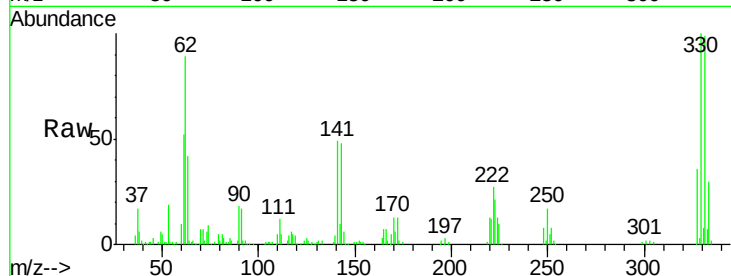




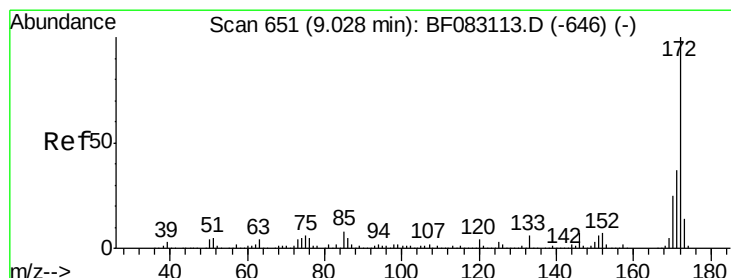
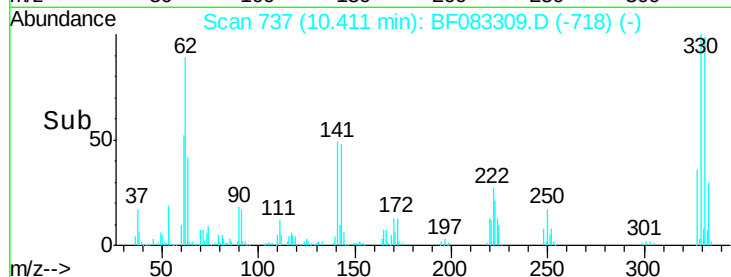
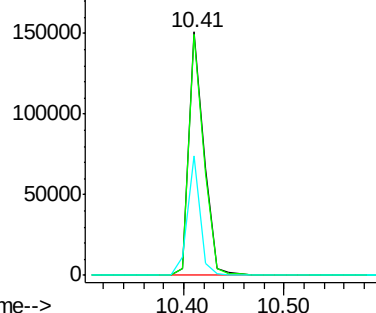
#41
 2,4,6-Tribromophenol
 Concen: 78.03 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083309.D
 Acq: 26 Nov 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.7	116.5
141	40.7	29.7	44.5

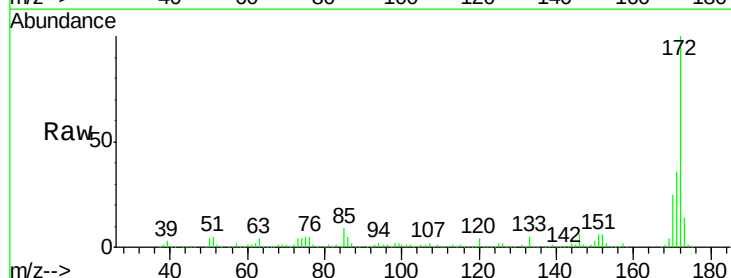


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

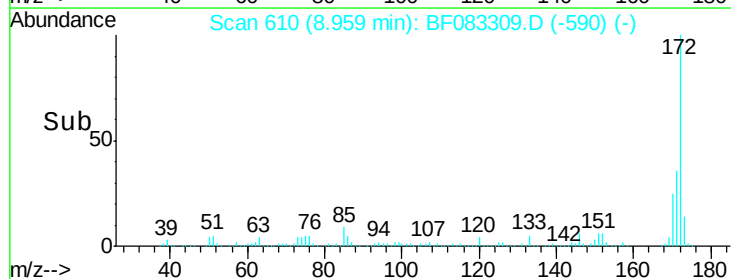
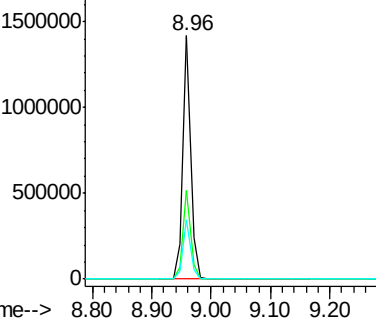


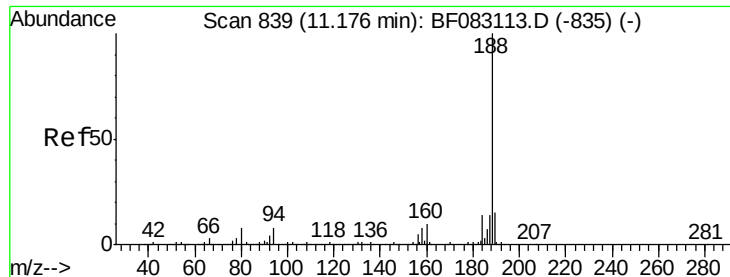
#44
 2-Fluorobiphenyl
 Concen: 91.82 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083309.D
 Acq: 26 Nov 2015 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	24.5	19.9	29.9



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

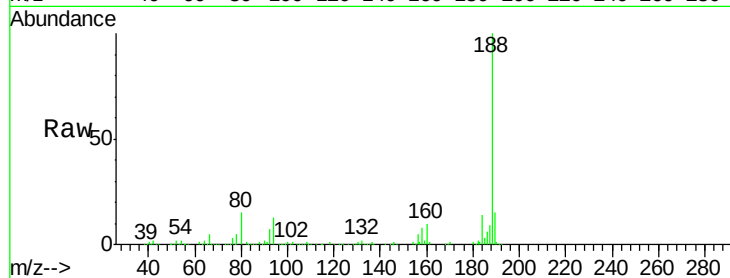




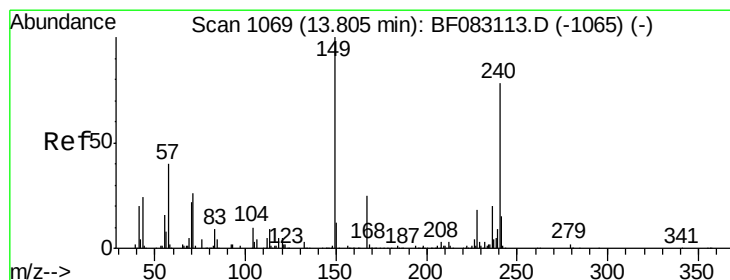
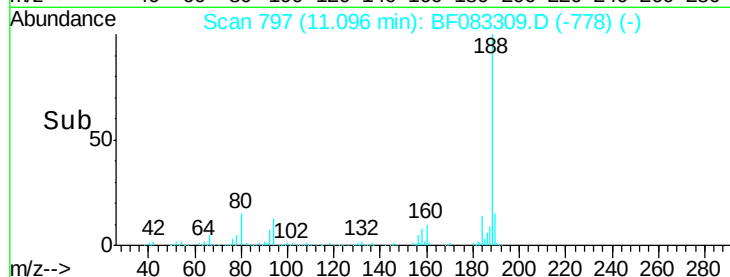
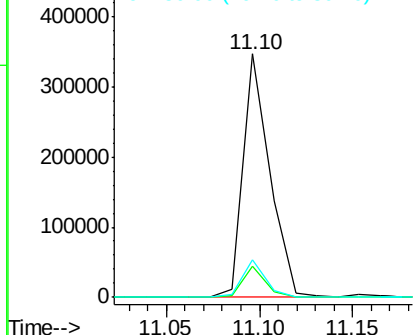
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083309.D
Acq: 26 Nov 2015 10:06

Instrument :
BNA_F
ClientSampleId :
112415-A263-E-D-S

Tot Ion:188 Resp: 345996
Ion Ratio Lower Upper
188 100
94 13.0 6.0 9.0#
80 15.2 6.7 10.1#

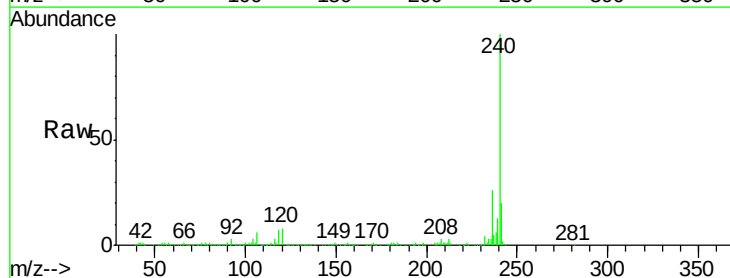


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

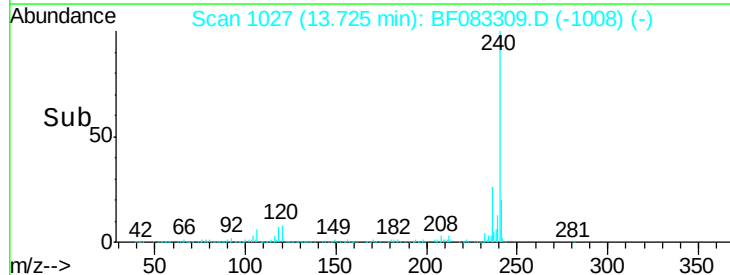
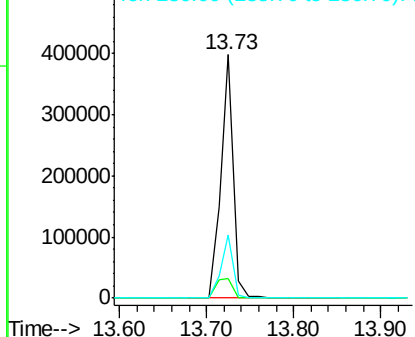


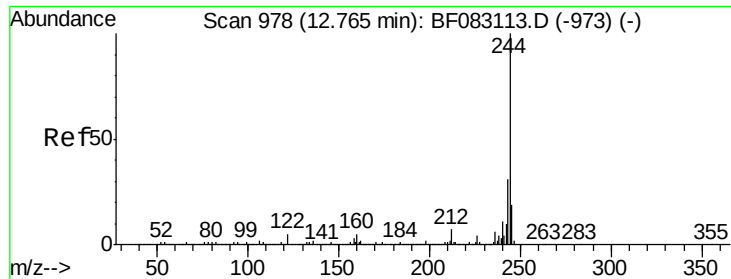
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083309.D
Acq: 26 Nov 2015 10:06

Tgt Ion:240 Resp: 402153
Ion Ratio Lower Upper
240 100
120 8.2 5.4 8.2#
236 26.2 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: 71.32 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083309.D

Acq: 26 Nov 2015 10:06

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-D-S

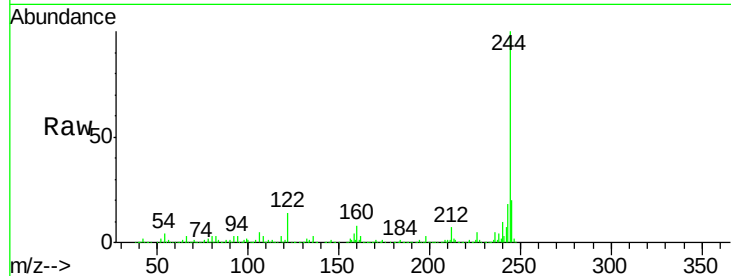
Tot Ion:244 Resp: 1217990

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

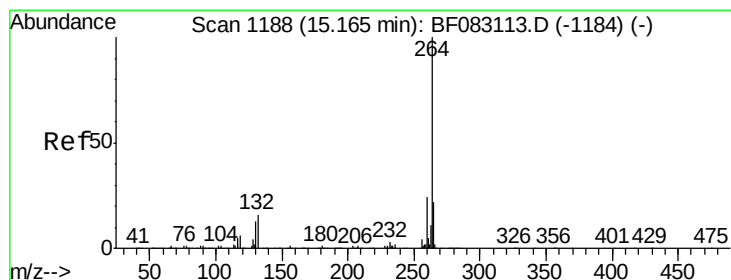
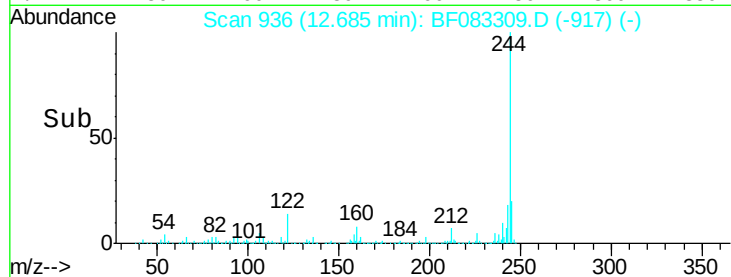
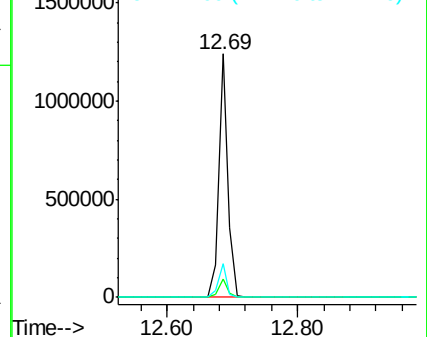
122 14.0 4.3 6.5#



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: BF083309.D

Acq: 26 Nov 2015 10:06

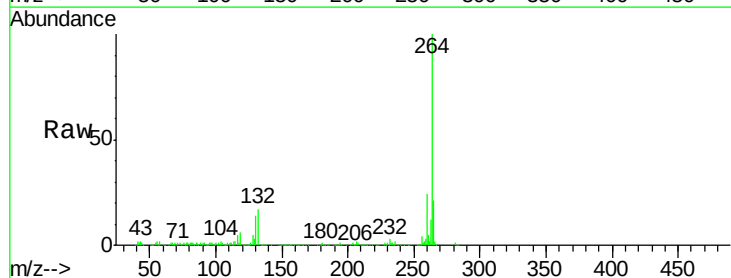
Tgt Ion:264 Resp: 286734

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.0 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

