

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083305.D
 Acq On : 26 Nov 2015 8:09
 Operator : UM/IZ
 Sample : G4553-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-D-S

Quant Time: Nov 26 12:53:14 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	143048	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	505462	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	208917	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	370756	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	408968	20.00	ng	-0.08
86) Perylene-d12	15.07	264	289461	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	289519	30.60	ng	-0.09
7) Phenol-d6	6.26	99	250611	20.47	ng	-0.08
23) Nitrobenzene-d5	7.16	82	760252	68.73	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	123354	57.71	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1061857	70.88	ng	-0.07
78) Terphenyl-d14	12.68	244	906958	52.22	ng	-0.08

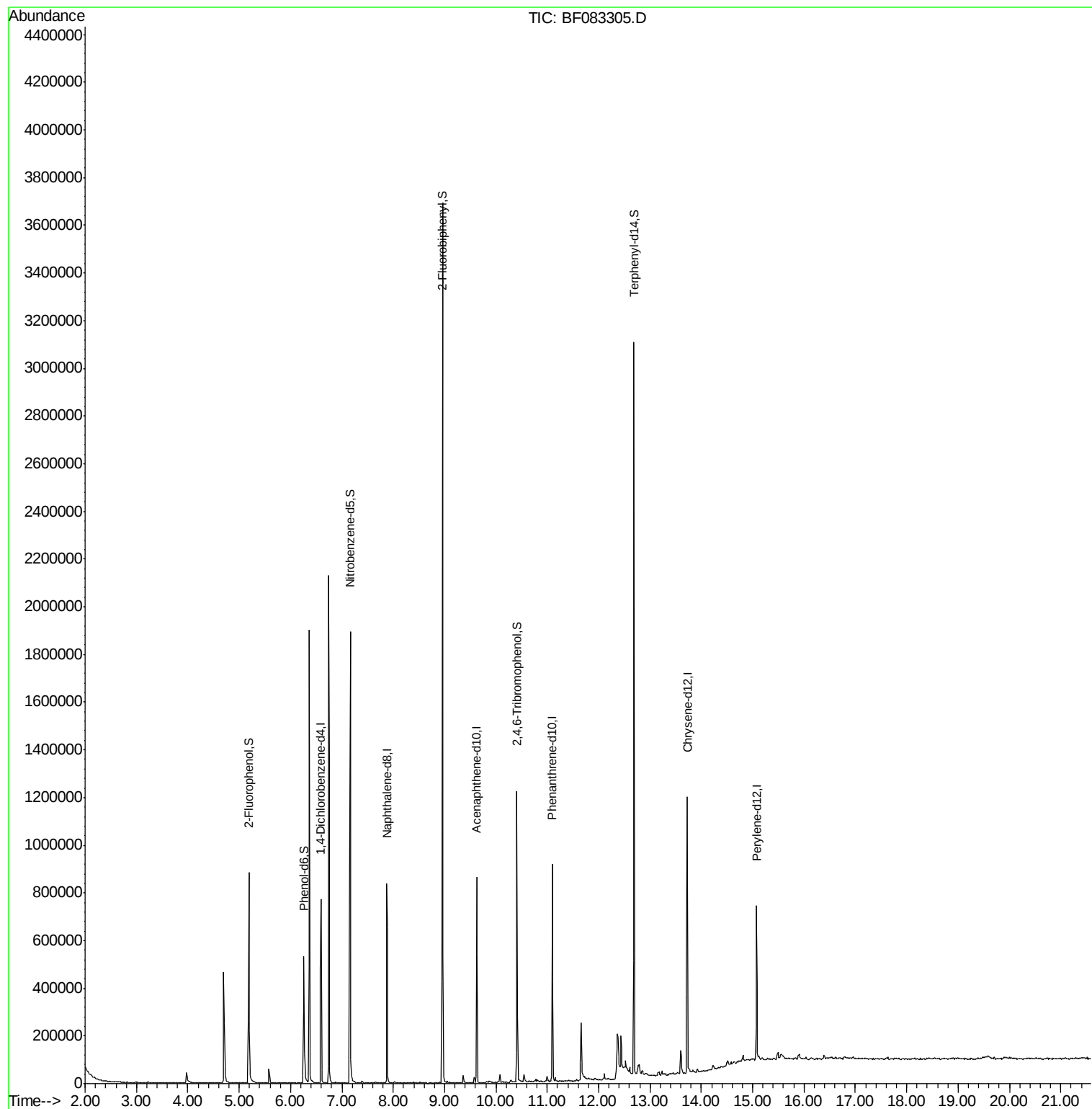
Target Compounds Qvalue

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

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Quant Time: Nov 26 12:53:14 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

112315-A263-F-D-S

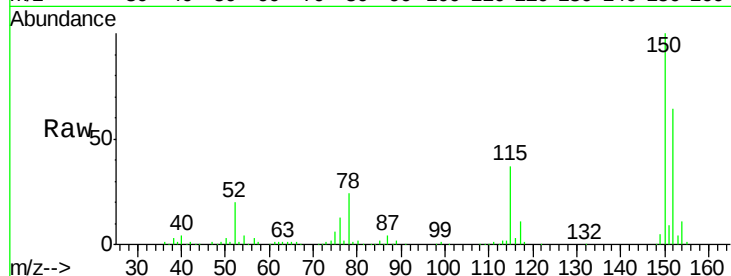
Tot Ion:152 Resp: 143048

Ion Ratio Lower Upper

152 100

150 156.5 125.8 188.8

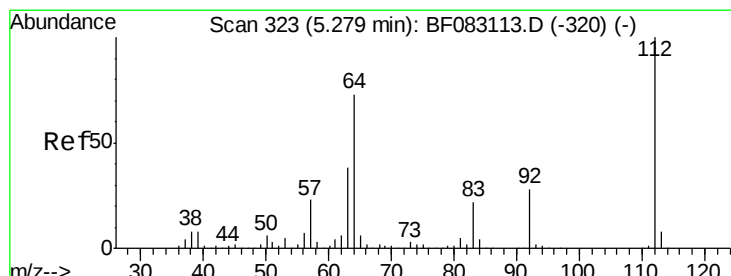
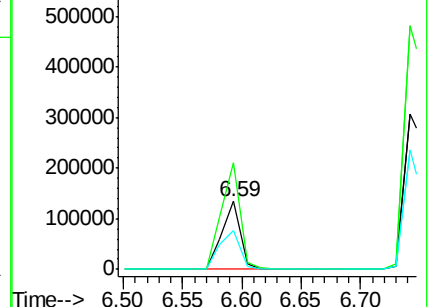
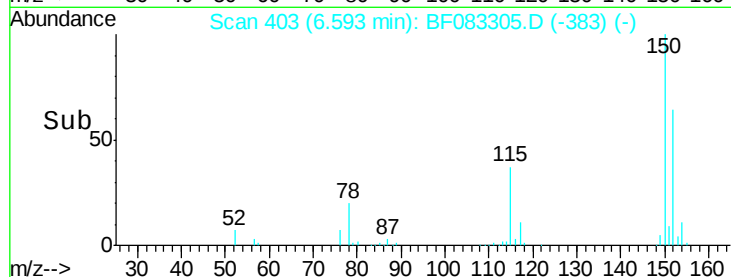
115 57.9 46.9 70.3



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: 30.60 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

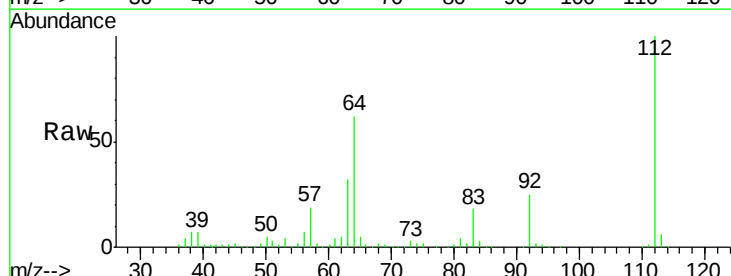
Tgt Ion:112 Resp: 289519

Ion Ratio Lower Upper

112 100

64 62.1 58.4 87.6

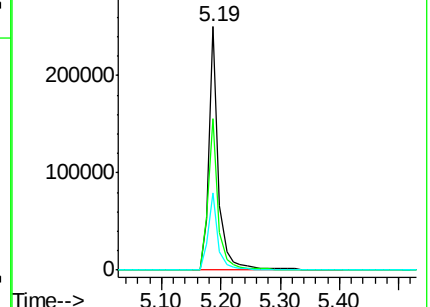
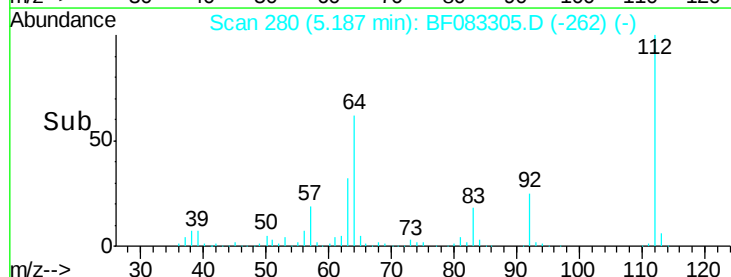
63 31.6 30.0 45.0

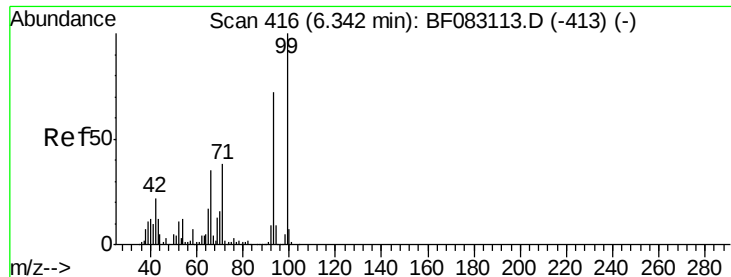


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.47 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

Instrument :

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112315-A263-F-D-S

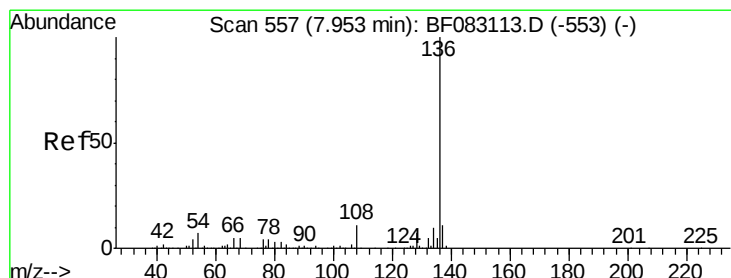
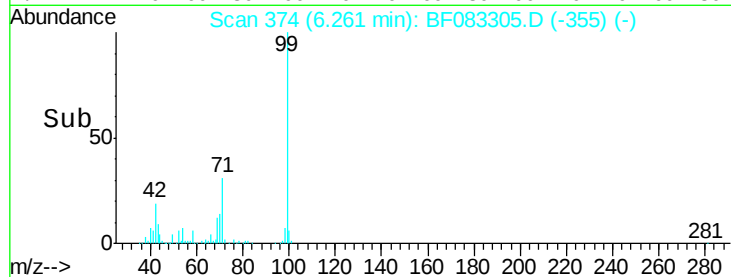
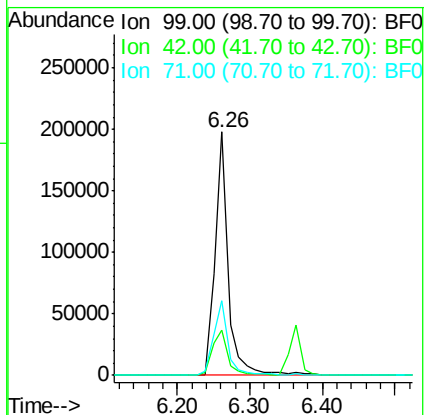
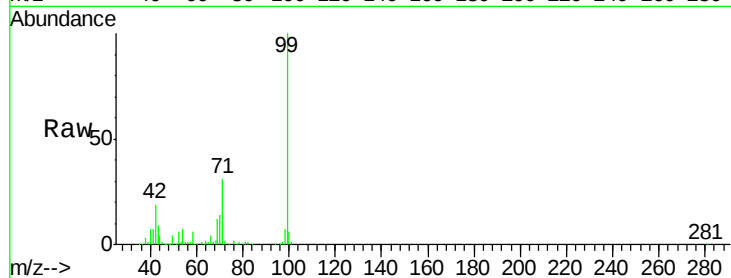
Tot Ion: 99 Resp: 250611

Ion Ratio Lower Upper

99 100

42 18.6 17.7 26.5

71 30.5 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: BF083305.D

Acq: 26 Nov 2015 8:09

Tgt Ion: 136 Resp: 505462

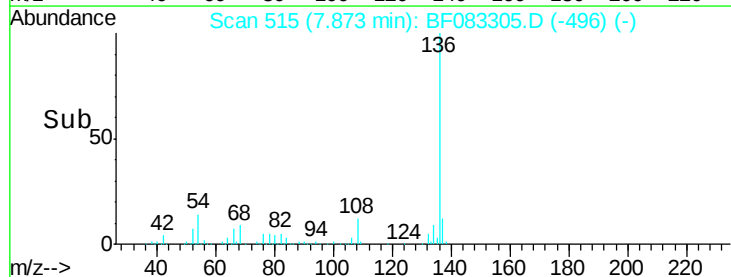
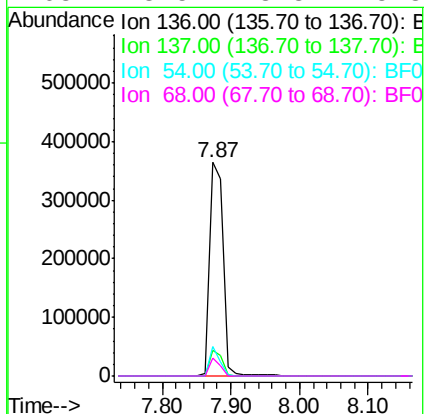
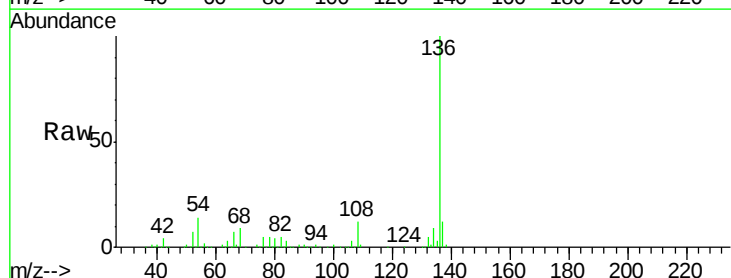
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 13.8 5.8 8.6#

68 8.5 3.8 5.8#

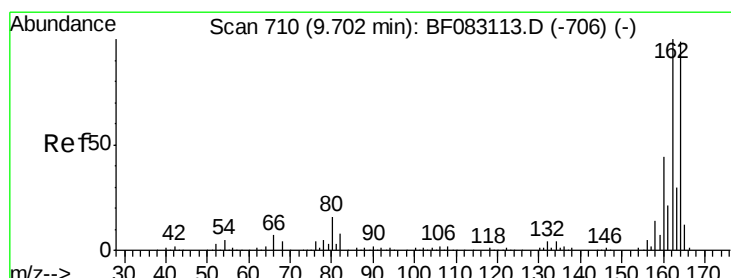
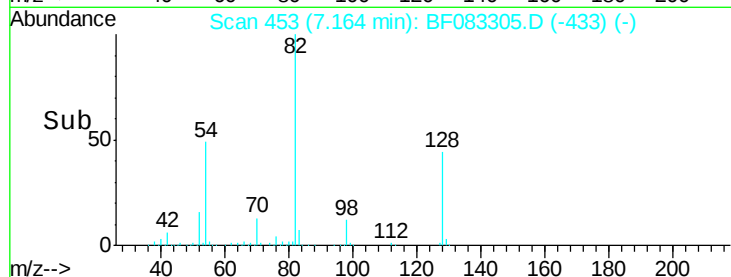
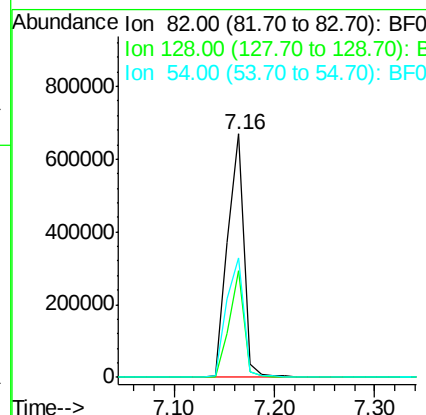
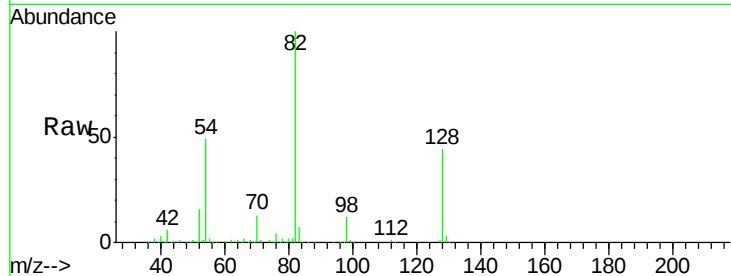




#23
Nitrobenzene-d5
Concen: 68.73 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083305.D
Acq: 26 Nov 2015 8:09

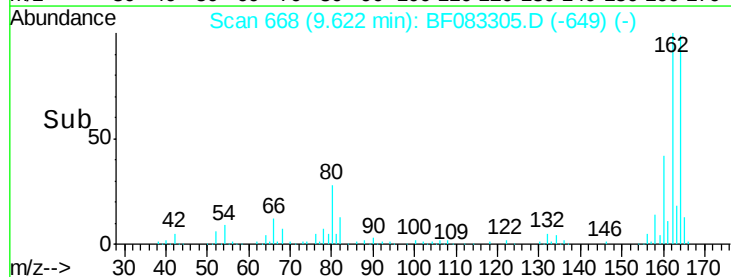
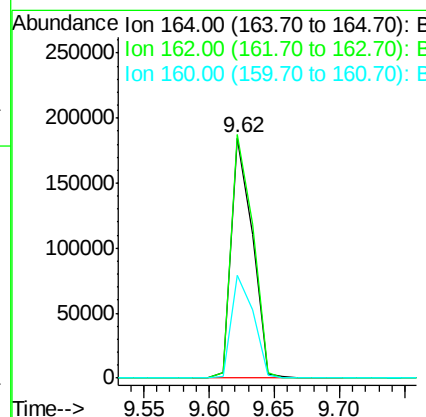
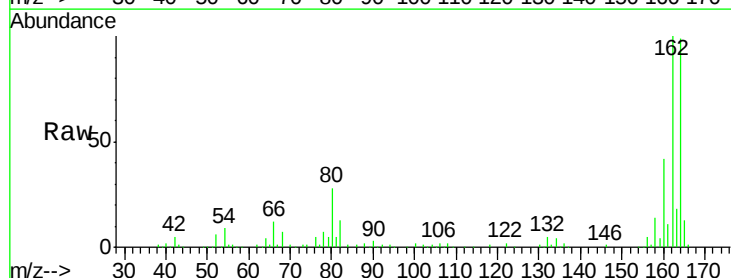
Instrument :
BNA_F
ClientSampleId :
112315-A263-F-D-S

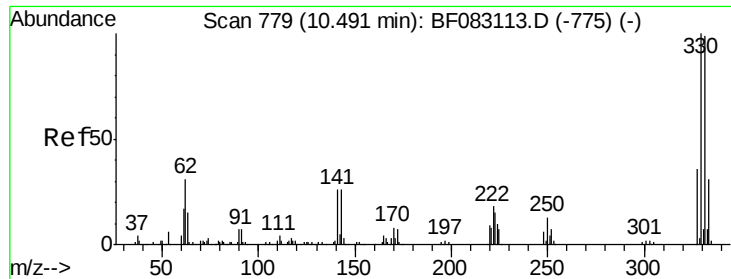
Tot Ion	82	Resp	760252
Ion Ratio	100		
Lower			
Upper			
82	100		
128	44.1	28.5	42.7#
54	49.2	44.6	67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083305.D
Acq: 26 Nov 2015 8:09

Tgt Ion	164	Resp	208917
Ion Ratio	100		
Lower			
Upper			
164	100		
162	101.4	81.2	121.8
160	42.9	35.6	53.4

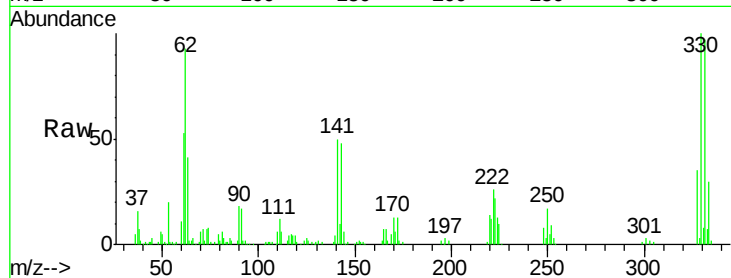




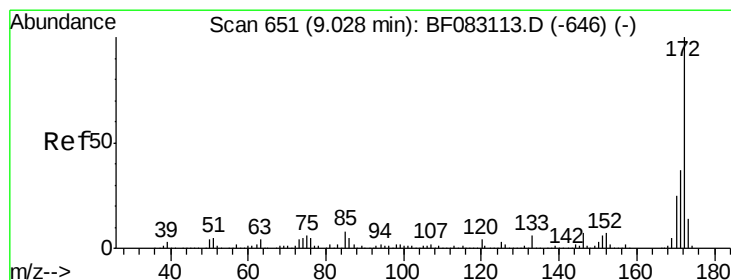
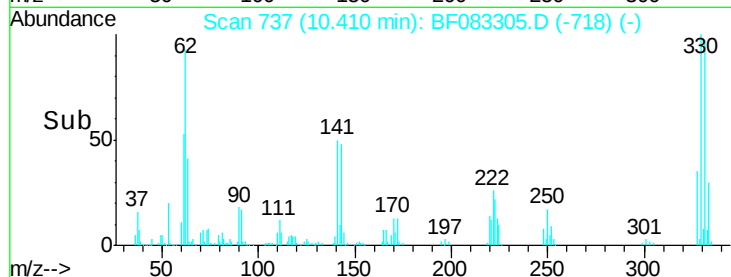
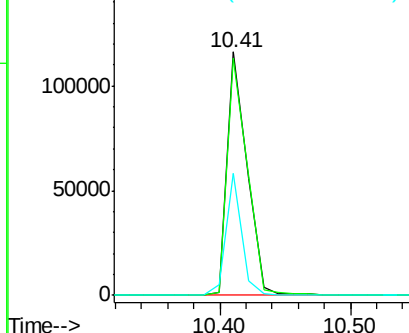
#41
 2,4,6-Tribromophenol
 Concen: 57.71 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083305.D
 Acq: 26 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.7	116.5
141	39.9	29.7	44.5

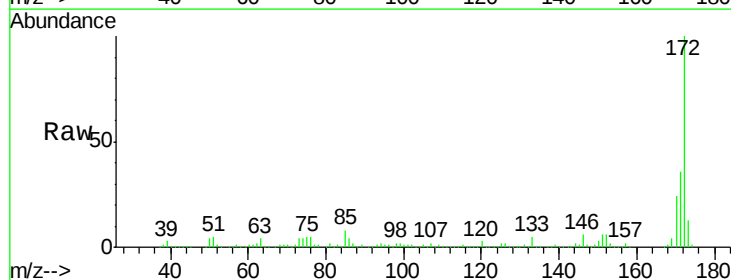


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

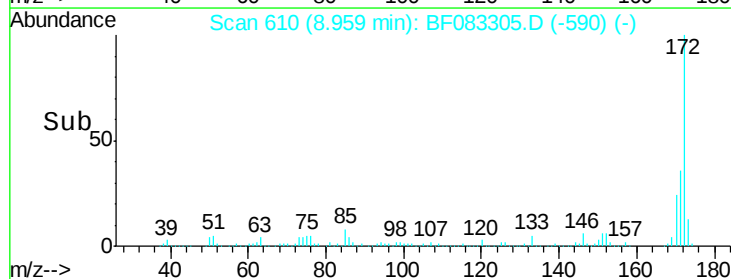
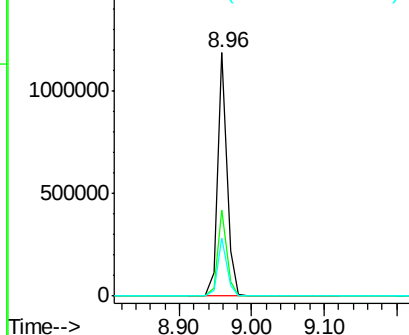


#44
 2-Fluorobiphenyl
 Concen: 70.88 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083305.D
 Acq: 26 Nov 2015 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.5	44.3
170	24.0	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

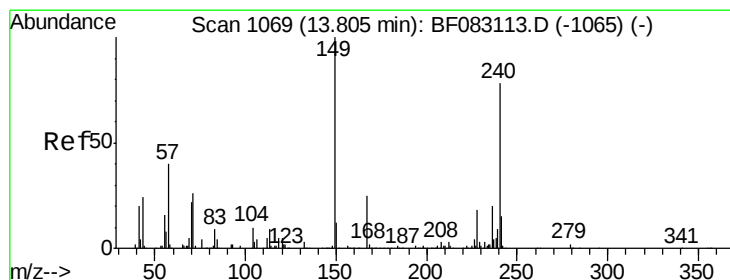
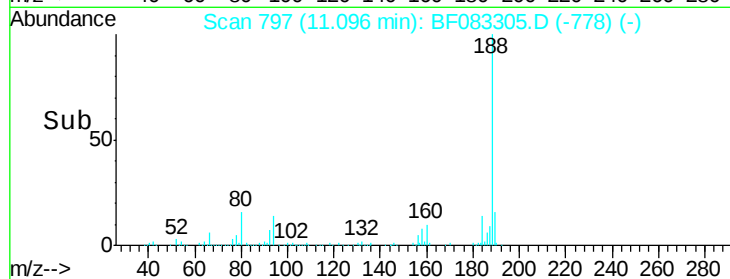
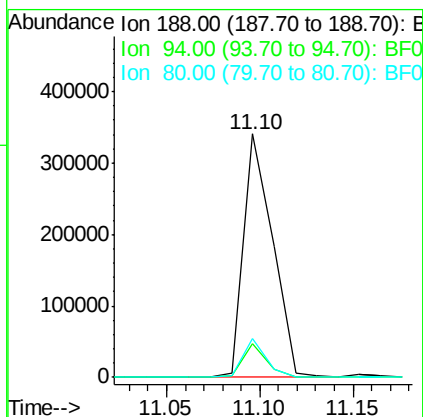
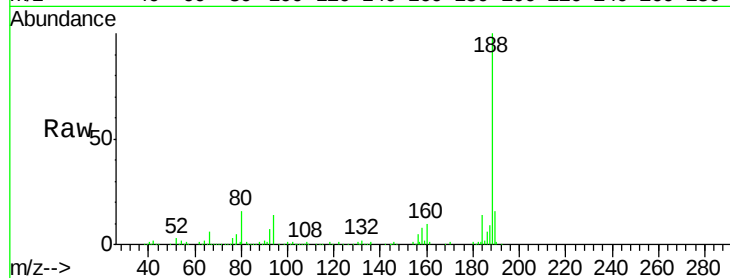




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083305.D
Acq: 26 Nov 2015 8:09

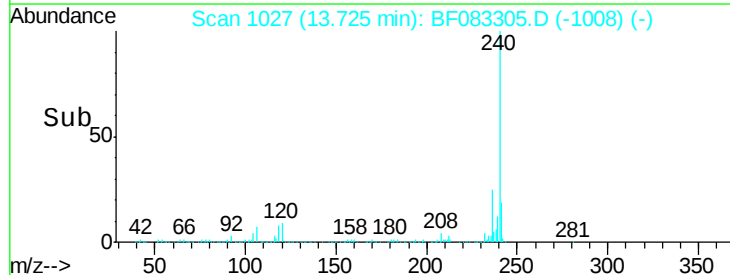
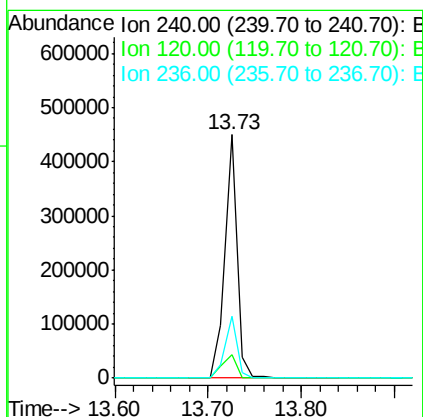
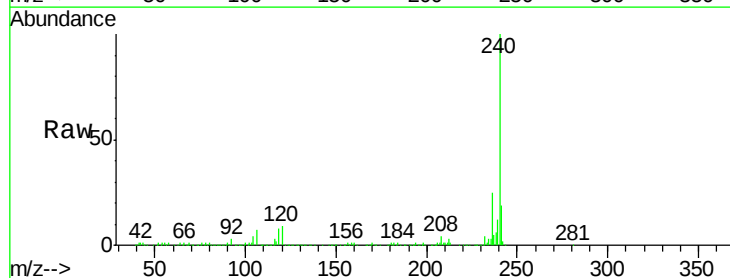
Instrument :
BNA_F
ClientSampleId :
112315-A263-F-D-S

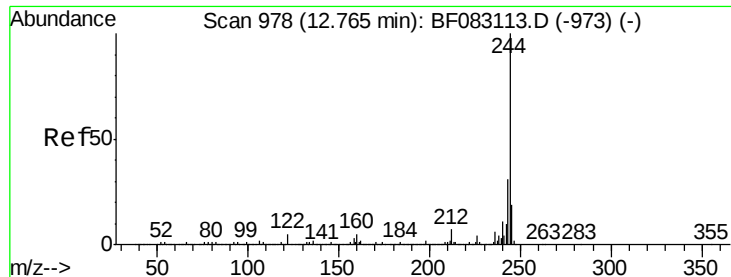
Tot Ion:188 Resp: 370756
Ion Ratio Lower Upper
188 100
94 13.7 6.0 9.0#
80 16.0 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083305.D
Acq: 26 Nov 2015 8:09

Tgt Ion:240 Resp: 408968
Ion Ratio Lower Upper
240 100
120 9.5 5.4 8.2#
236 25.2 20.6 31.0





#78

Terphenyl-d14

Concen: 52.22 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083305.D

Acq: 26 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

112315-A263-F-D-S

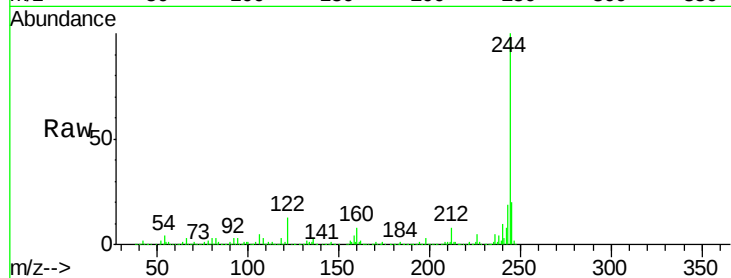
Tot Ion:244 Resp: 906958

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

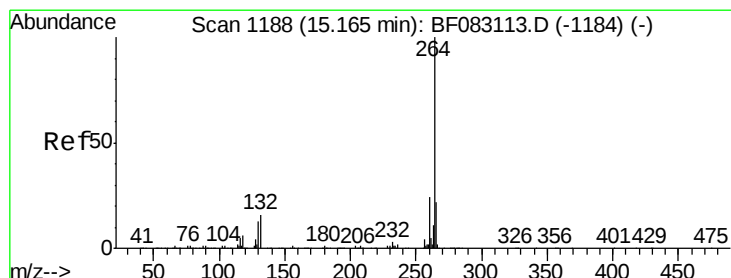
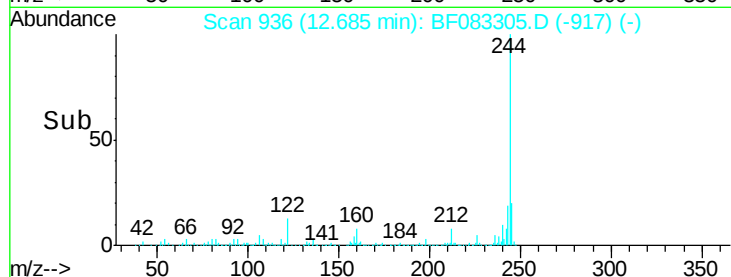
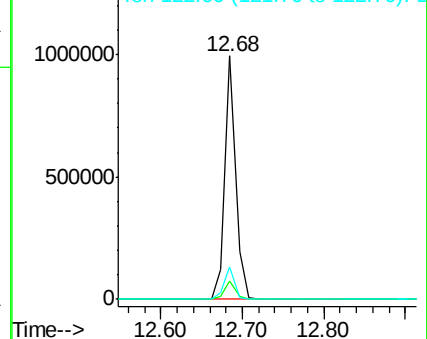
122 13.4 4.3 6.5#



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: BF083305.D

Acq: 26 Nov 2015 8:09

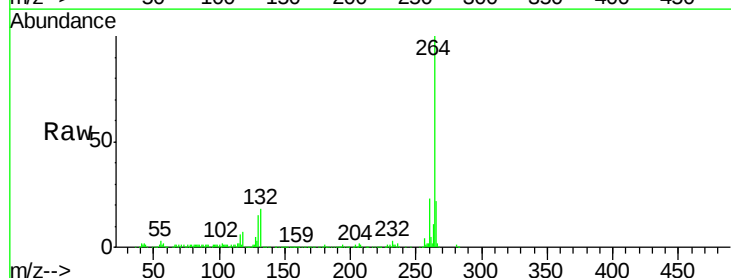
Tgt Ion:264 Resp: 289461

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 22.4 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

