

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112615\
 Data File : BF083325.D
 Acq On : 26 Nov 2015 18:05
 Operator : UM/IZ
 Sample : G4553-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-S

Quant Time: Nov 27 00:25:13 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	6.58	152	156367m	20.00	ng	-0.08
21) Naphthalene-d8	7.87	136	566170	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	234574	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	409939	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	424652	20.00	ng	-0.09
86) Perylene-d12	15.07	264	319787	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	505239	48.85	ng	-0.10
7) Phenol-d6	6.25	99	449325	33.58	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1220124	98.47	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	191888	79.96	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1596301	94.89	ng	-0.07
78) Terphenyl-d14	12.68	244	1376703	76.34	ng	-0.08

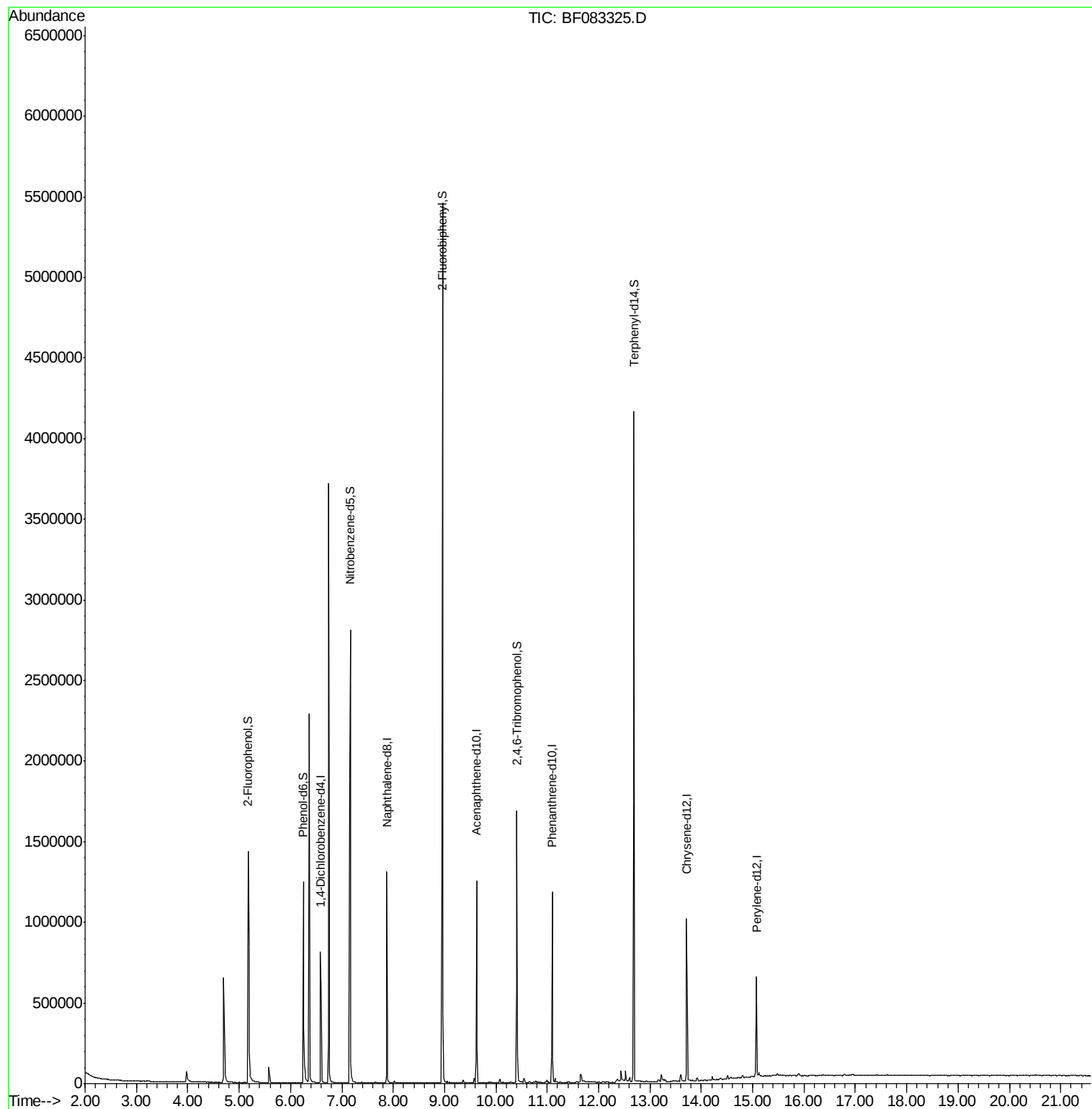
Target Compounds Qvalue

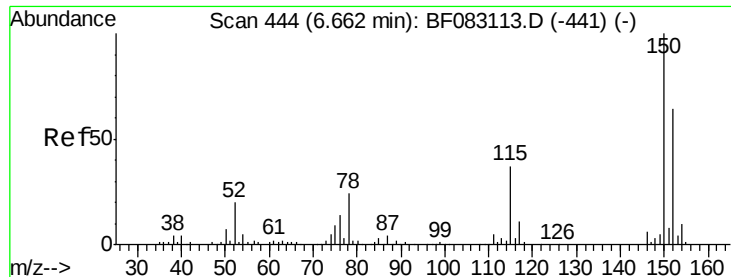
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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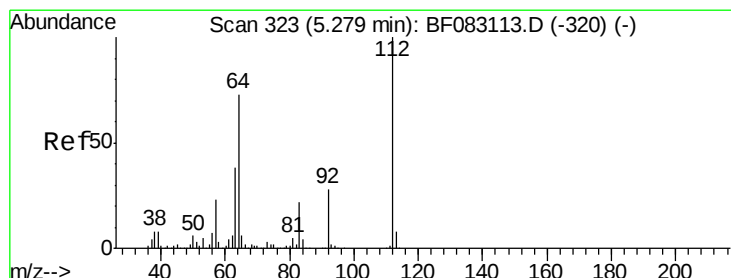
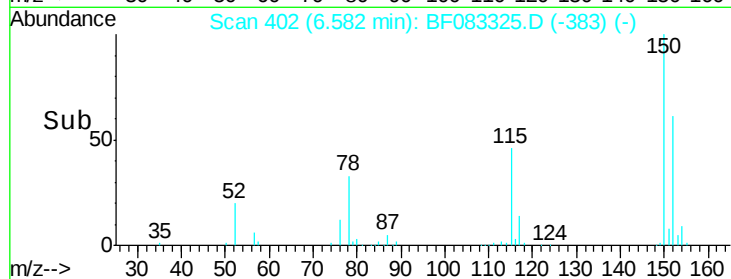
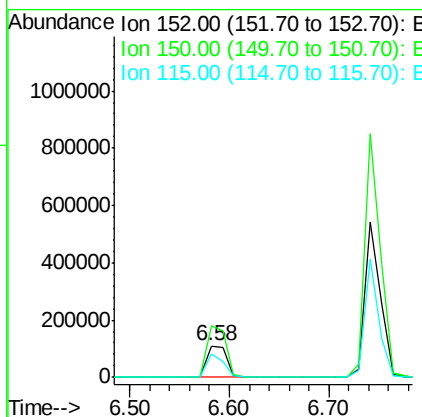
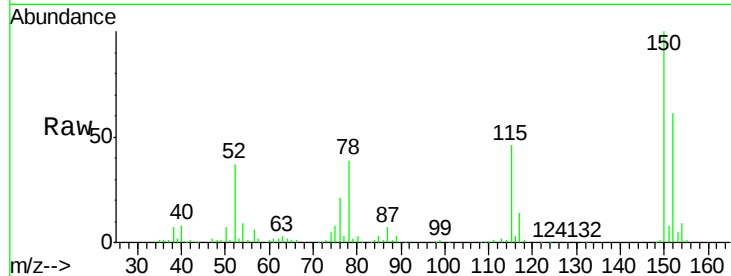




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/mL
 RT: 6.58 min Scan# 402
 Delta R.T. -0.08 min
 Lab File: BF083325.D
 Acq: 26 Nov 2015 18:05

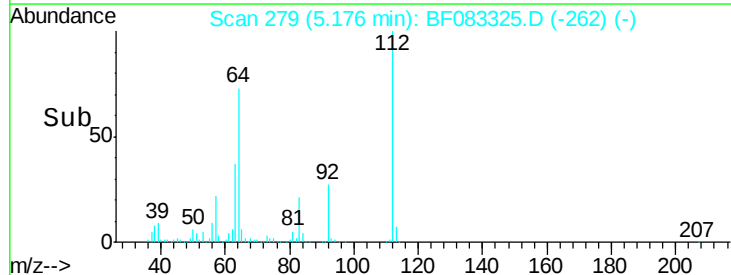
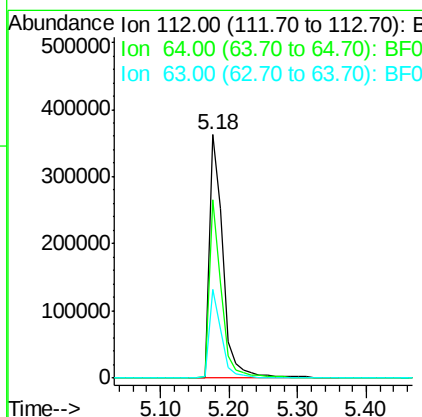
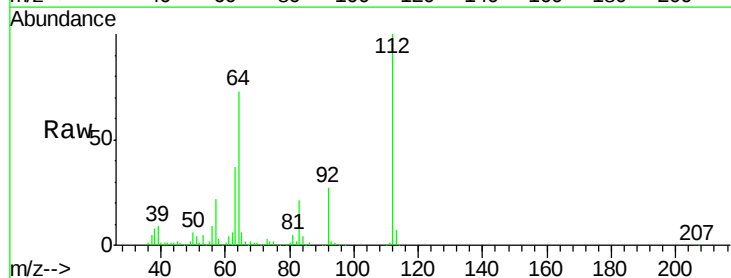
Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	125.8	188.8
115	75.5	46.9	70.3



#5
 2-Fluorophenol
 Concen: 48.85 ng
 RT: 5.18 min Scan# 279
 Delta R.T. -0.10 min
 Lab File: BF083325.D
 Acq: 26 Nov 2015 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	58.4	87.6
63	36.6	30.0	45.0





#7

Phenol-d6

Concen: 33.58 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083325.D

Acq: 26 Nov 2015 18:05

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-D-S

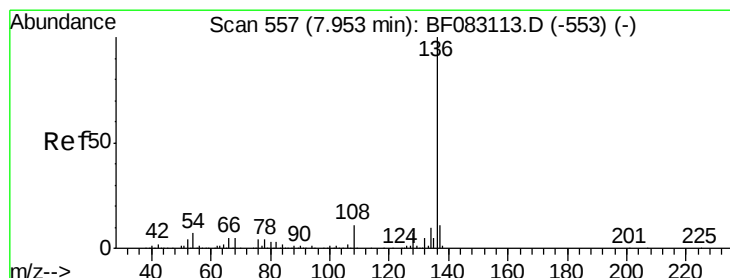
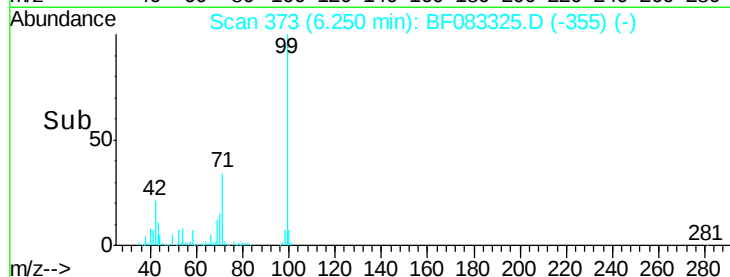
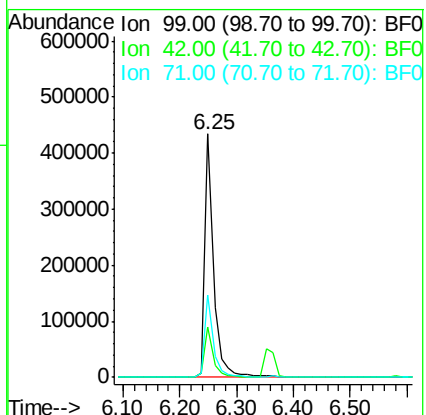
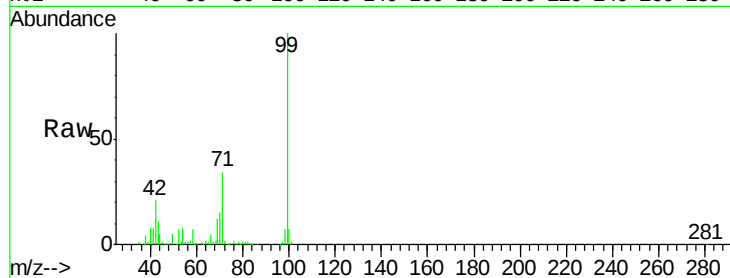
Tot Ion: 99 Resp: 449325

Ion Ratio Lower Upper

99 100

42 20.7 17.7 26.5

71 33.8 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: BF083325.D

Acq: 26 Nov 2015 18:05

Tgt Ion: 136 Resp: 566170

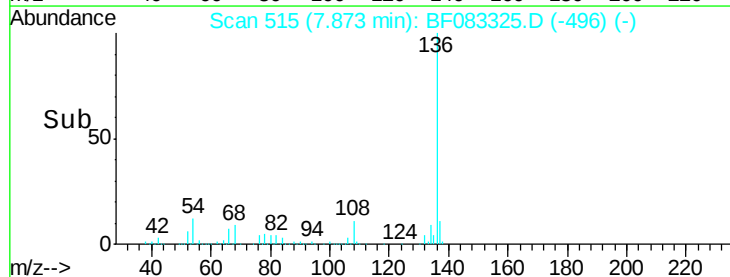
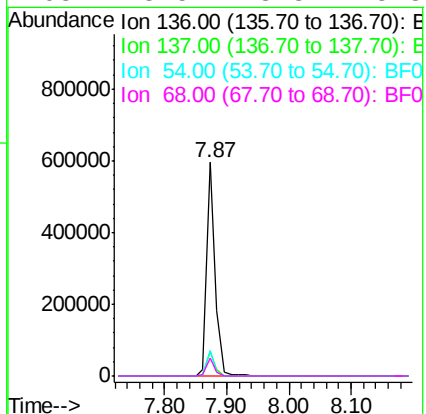
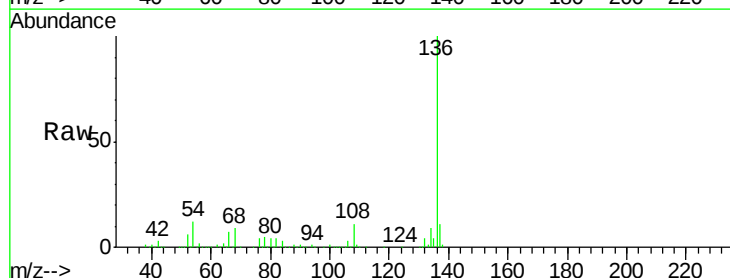
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 12.2 5.8 8.6#

68 8.5 3.8 5.8#

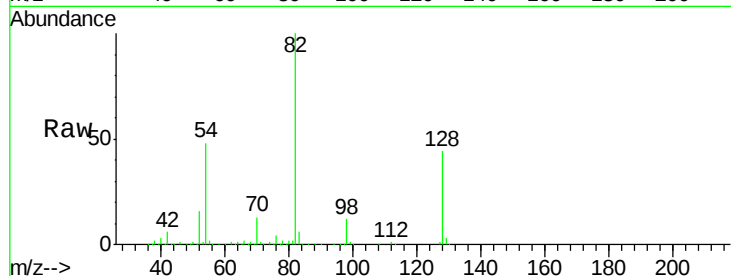




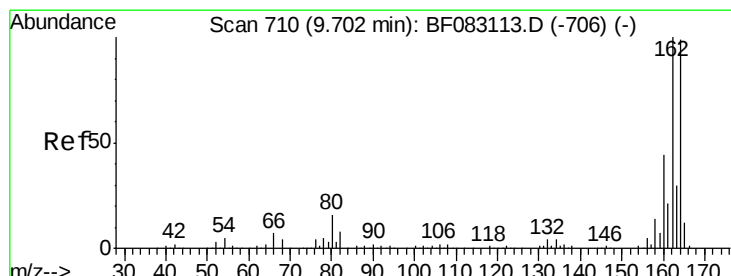
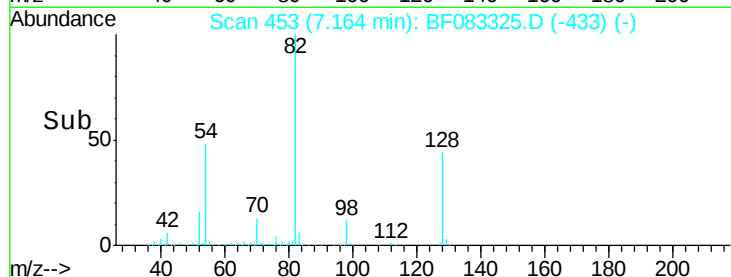
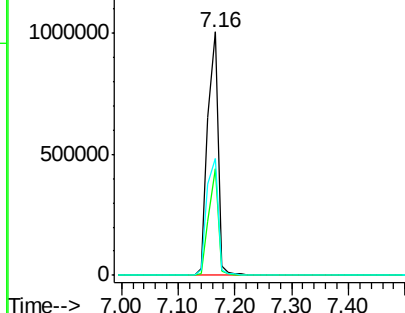
#23
Nitrobenzene-d5
Concen: 98.47 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083325.D
Acq: 26 Nov 2015 18:05

Instrument :
BNA_F
ClientSampleId :
112115-A263-E-D-S

Tot Ion: 82 Resp: 1220124
Ion Ratio Lower Upper
82 100
128 43.6 28.5 42.7#
54 48.0 44.6 67.0

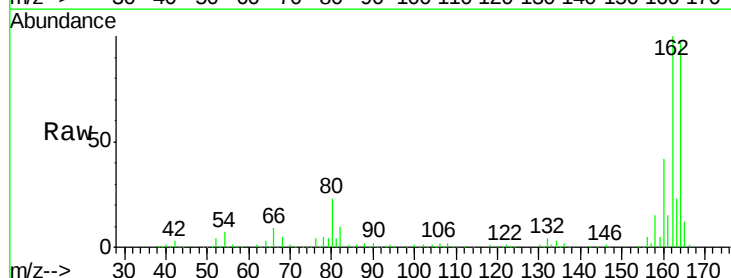


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

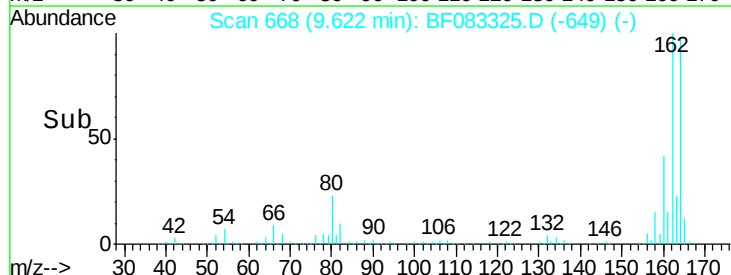
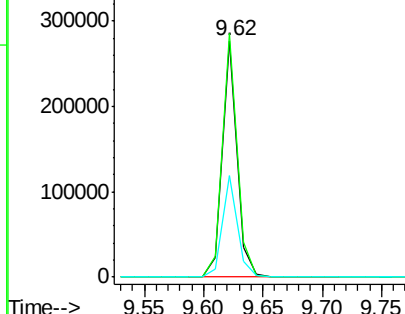


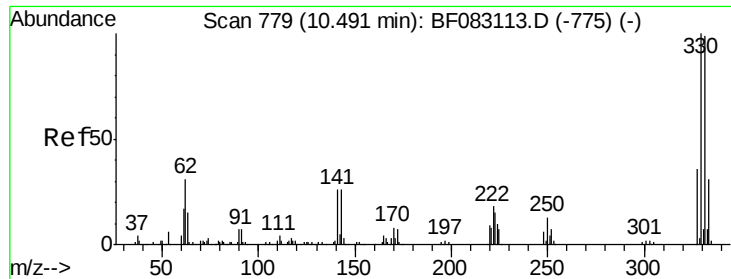
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083325.D
Acq: 26 Nov 2015 18:05

Tgt Ion:164 Resp: 234574
Ion Ratio Lower Upper
164 100
162 103.0 81.2 121.8
160 42.9 35.6 53.4



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

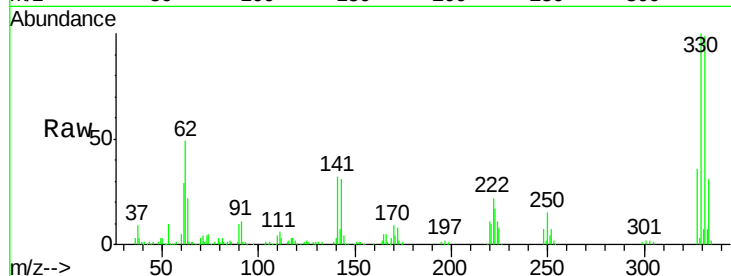




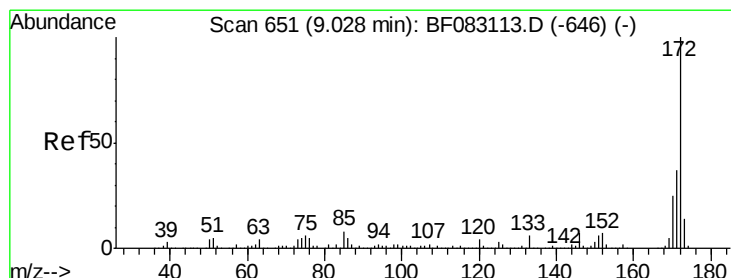
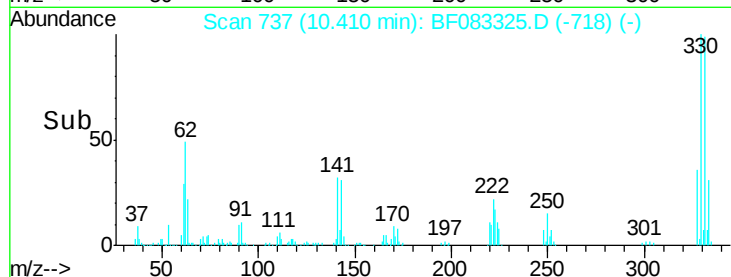
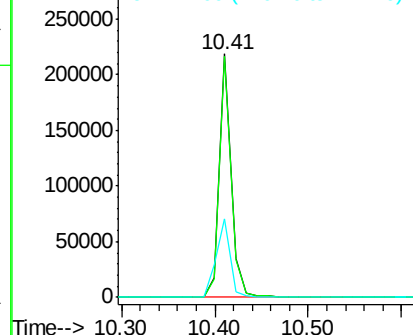
#41
 2,4,6-Tribromophenol
 Concen: 79.96 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083325.D
 Acq: 26 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-S

Tot Ion:330 Resp: 191888
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.7 116.5
 141 38.0 29.7 44.5

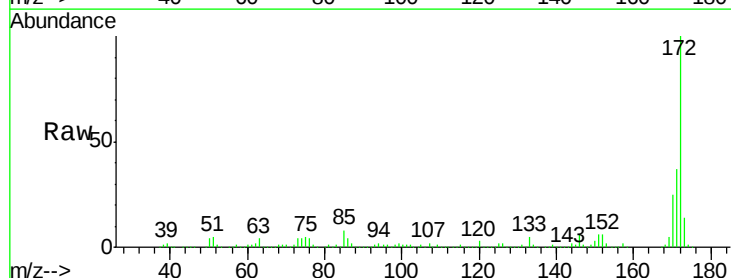


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

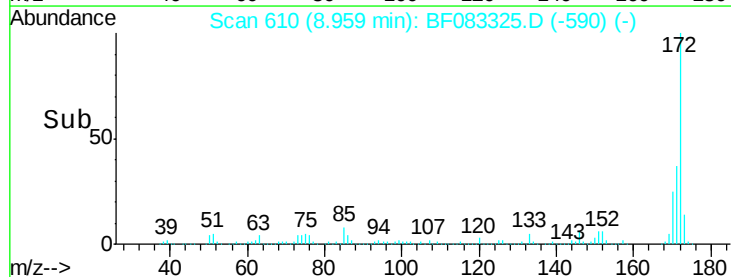
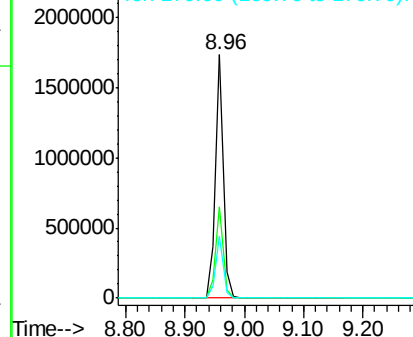


#44
 2-Fluorobiphenyl
 Concen: 94.89 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083325.D
 Acq: 26 Nov 2015 18:05

Tgt Ion:172 Resp: 1596301
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 25.3 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

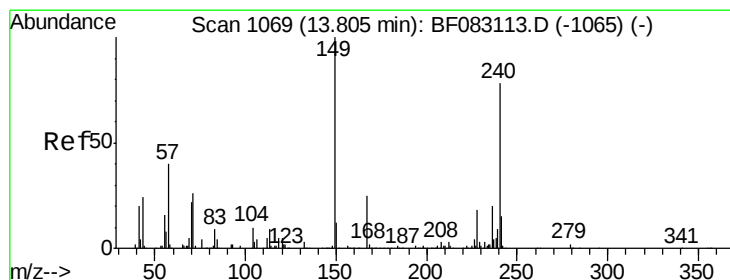
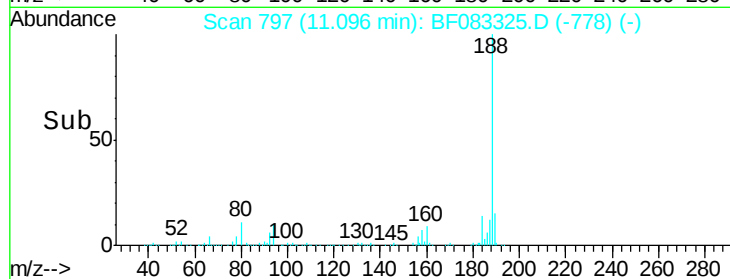
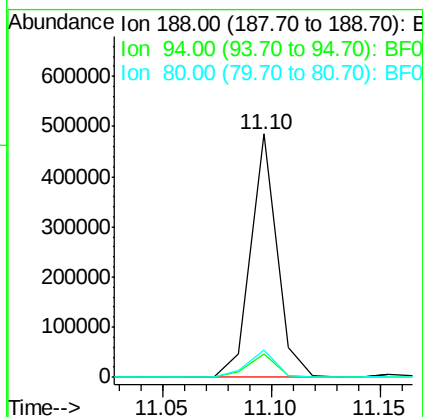
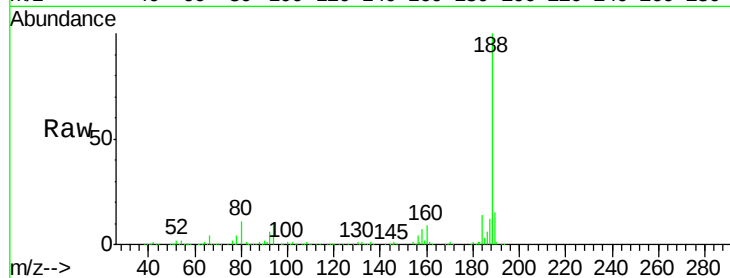




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083325.D
Acq: 26 Nov 2015 18:05

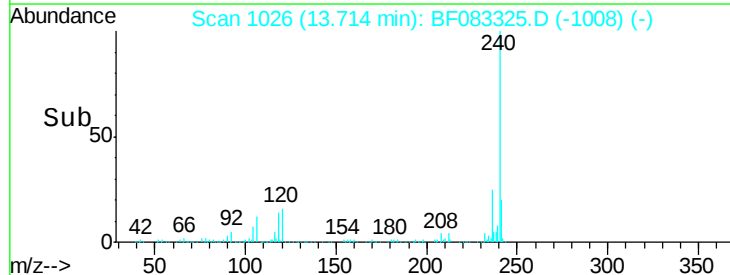
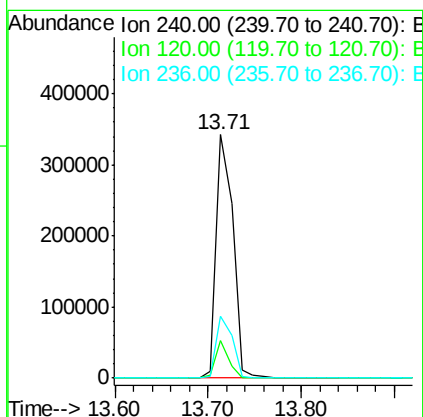
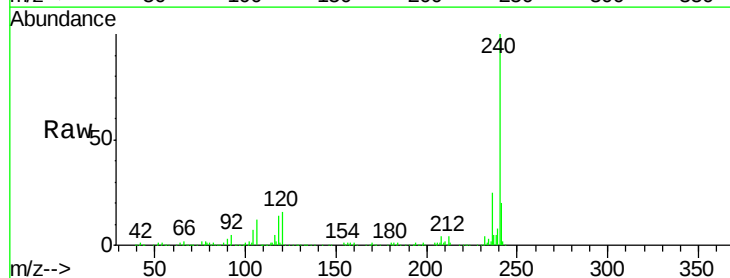
Instrument :
BNA_F
ClientSampleId :
112115-A263-E-D-S

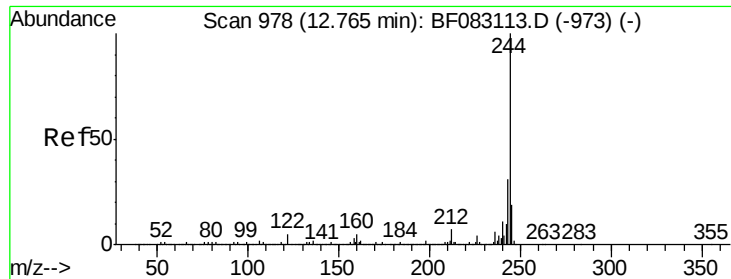
Tot Ion:188 Resp: 409939
Ion Ratio Lower Upper
188 100
94 9.8 6.0 9.0#
80 11.2 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.09 min
Lab File: BF083325.D
Acq: 26 Nov 2015 18:05

Tgt Ion:240 Resp: 424652
Ion Ratio Lower Upper
240 100
120 15.6 5.4 8.2#
236 25.2 20.6 31.0

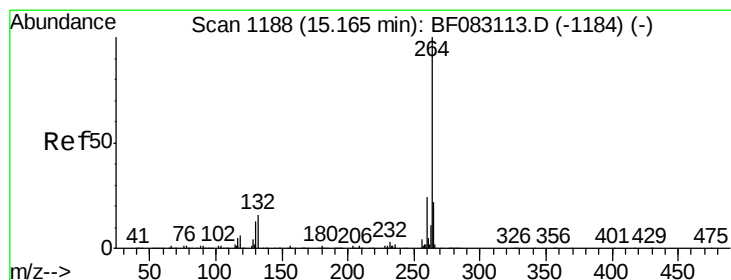
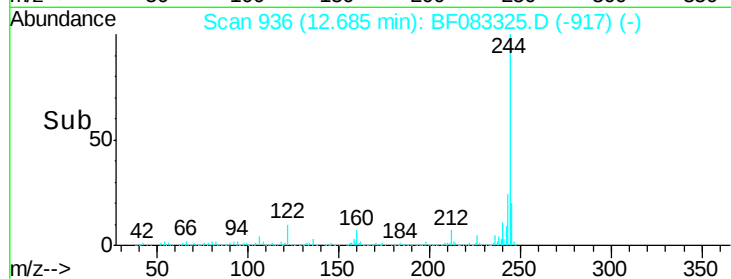
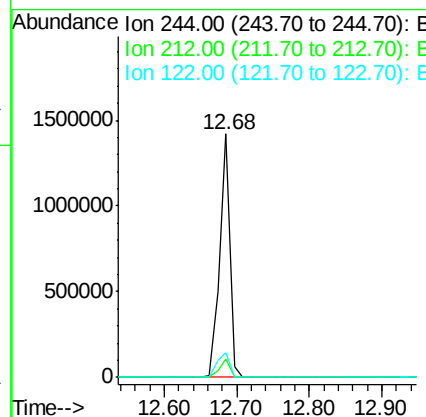
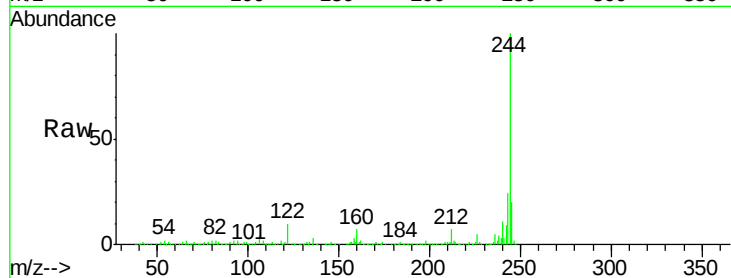




#78
 Terphenyl-d14
 Concen: 76.34 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083325.D
 Acq: 26 Nov 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-S

Tot Ion:244 Resp: 1376703
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 10.3 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083325.D
 Acq: 26 Nov 2015 18:05

Tgt Ion:264 Resp: 319787
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 20.6 18.2 27.4

