

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083236.D
 Acq On : 24 Nov 2015 14:51
 Operator : UM/IZ
 Sample : G4503-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Nov 24 15:42:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:18:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	176347	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	688956	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	363199	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	700829	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	622231	20.00	ng	-0.01
86) Perylene-d12	15.11	264	478342	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	269763	23.13	ng	0.00
7) Phenol-d6	6.27	99	435522	28.86	ng	-0.01
23) Nitrobenzene-d5	7.18	82	324867	21.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	92811	24.98	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	575011	22.08	ng	-0.01
78) Terphenyl-d14	12.71	244	511154	19.34	ng	-0.01

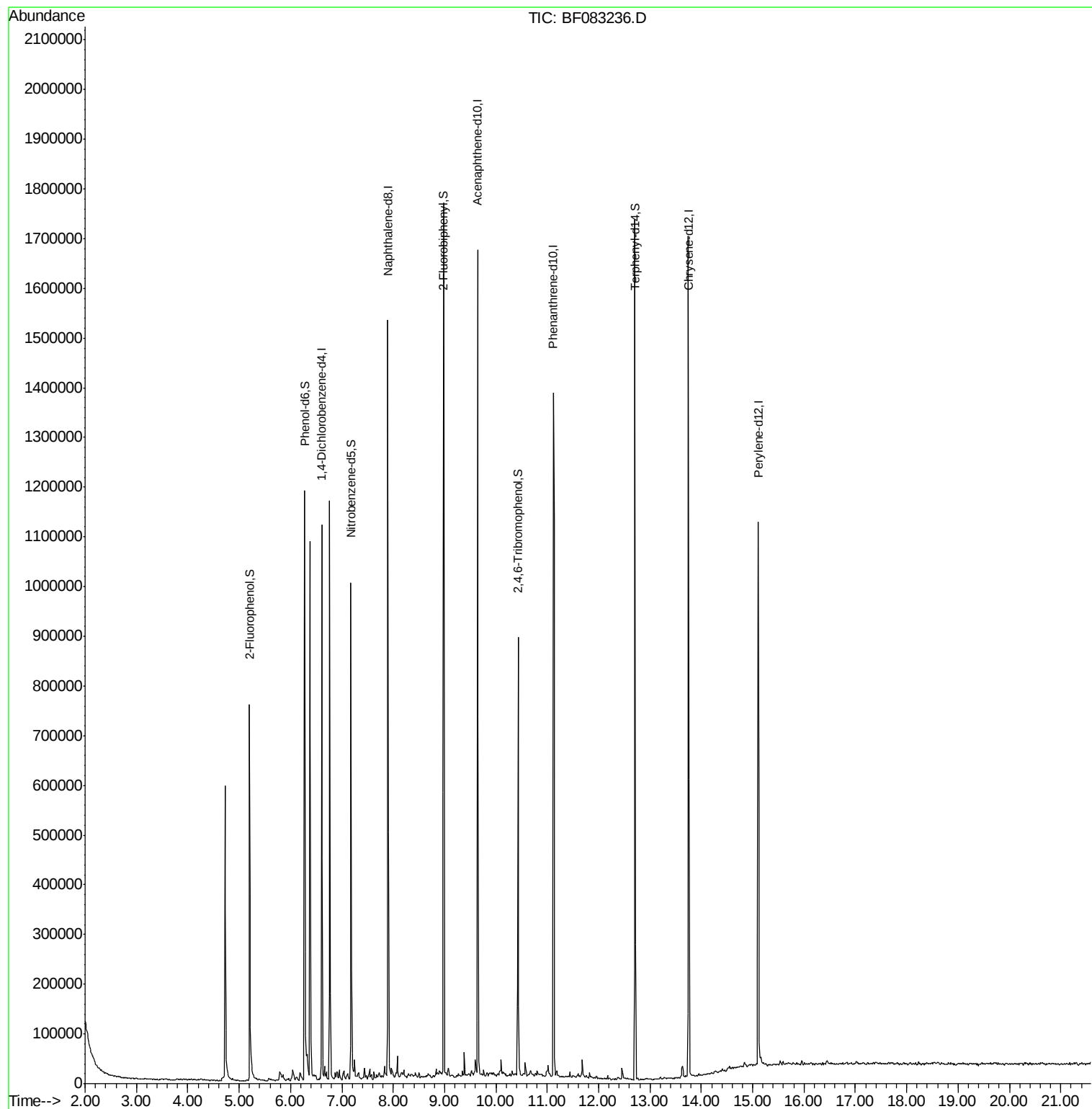
Target Compounds	Qvalue
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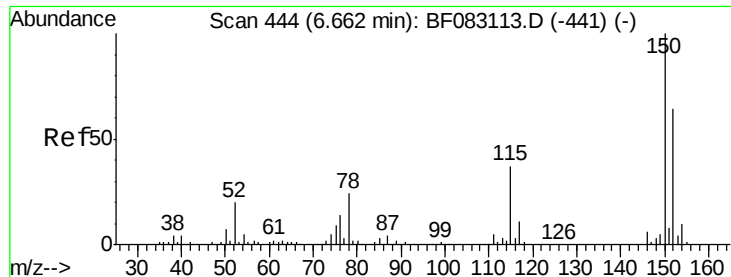
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 15:18:40 2015
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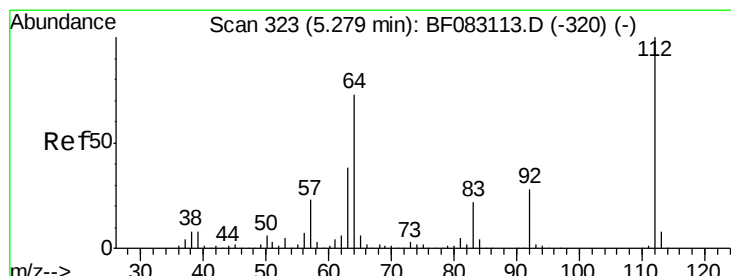
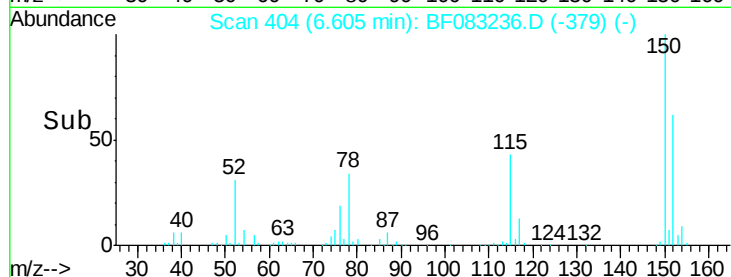
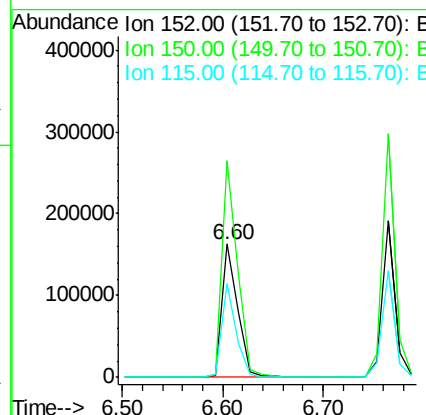
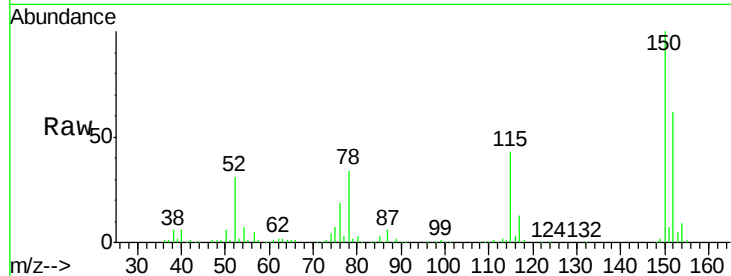


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF083236.D
Acq: 24 Nov 2015 14:51

Instrument :
BNA_F
ClientSampleId :
MW-4

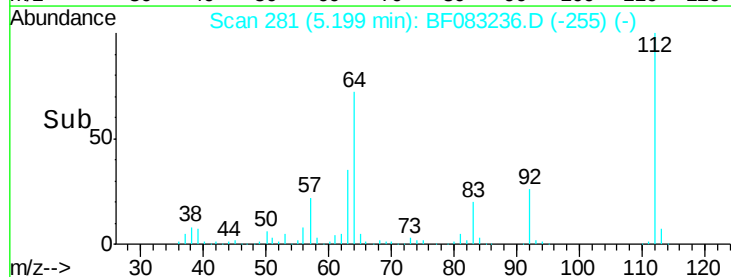
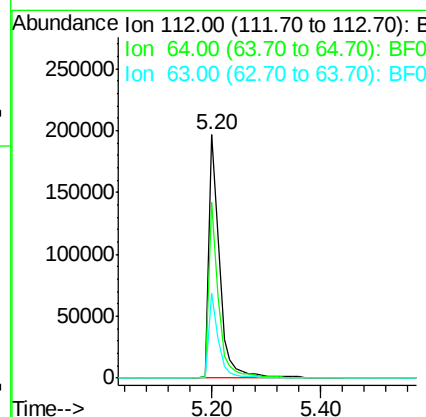
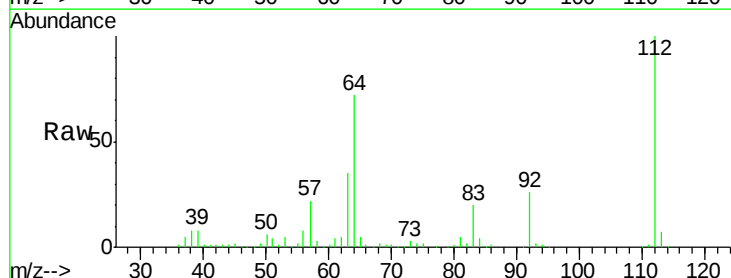
Tgt Ion:152 Resp: 176347
Ion Ratio Lower Upper
152 100
150 162.4 125.8 188.8
115 70.3 46.9 70.3

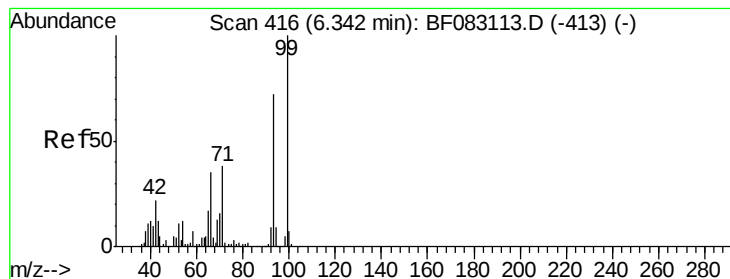


#5

2-Fluorophenol
Concen: 23.13 ng
RT: 5.20 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF083236.D
Acq: 24 Nov 2015 14:51

Tgt Ion:112 Resp: 269763
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 35.1 30.0 45.0





#7

Phenol-d6

Concen: 28.86 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF083236.D

Acq: 24 Nov 2015 14:51

Instrument :

BNA_F

ClientSampleId :

MW-4

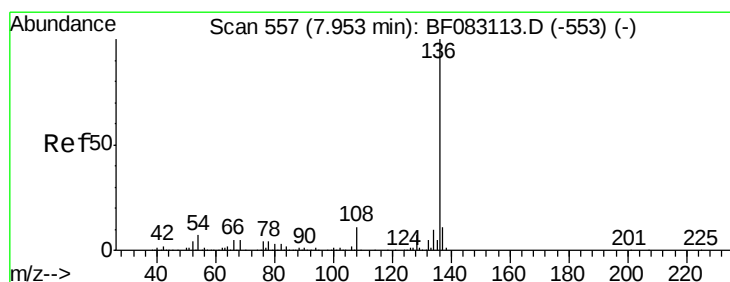
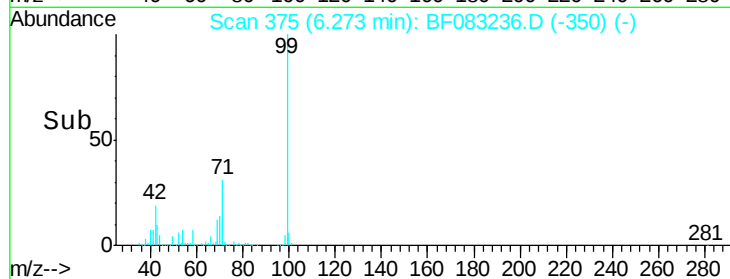
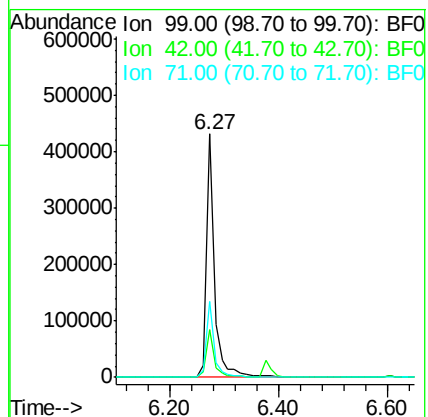
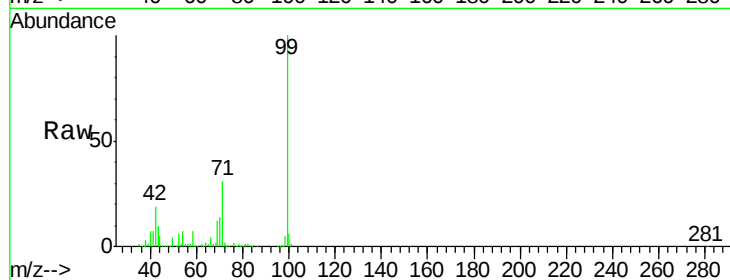
Tgt Ion: 99 Resp: 435522

Ion Ratio Lower Upper

99 100

42 19.4 17.7 26.5

71 31.1 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083236.D

Acq: 24 Nov 2015 14:51

Tgt Ion: 136 Resp: 688956

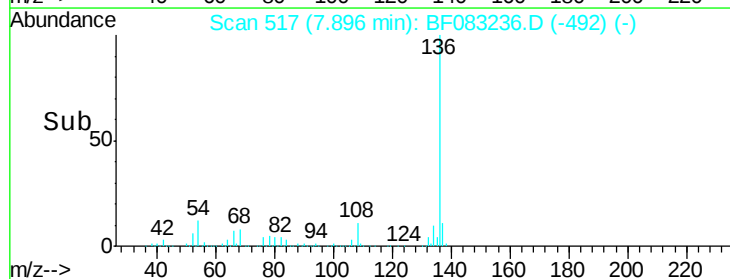
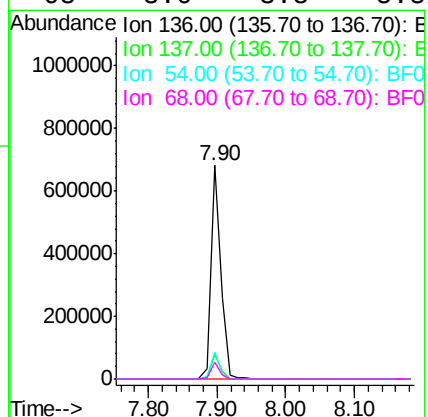
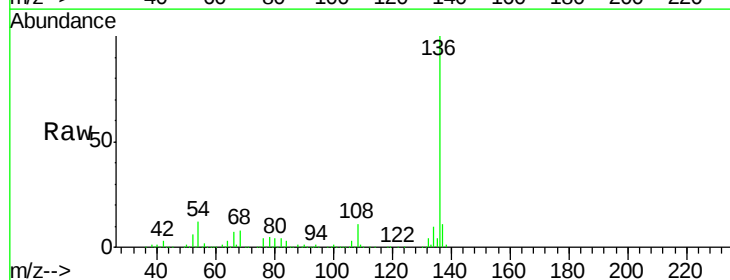
Ion Ratio Lower Upper

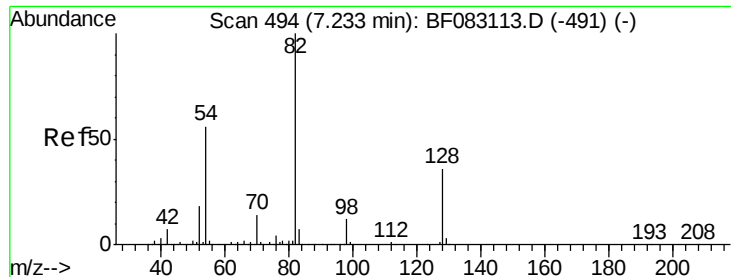
136 100

137 11.5 8.7 13.1

54 12.4 5.8 8.6#

68 8.0 3.8 5.8#

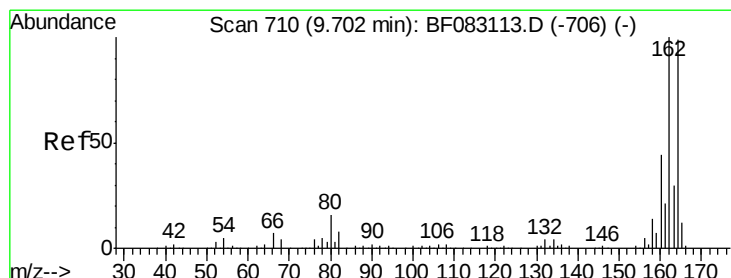
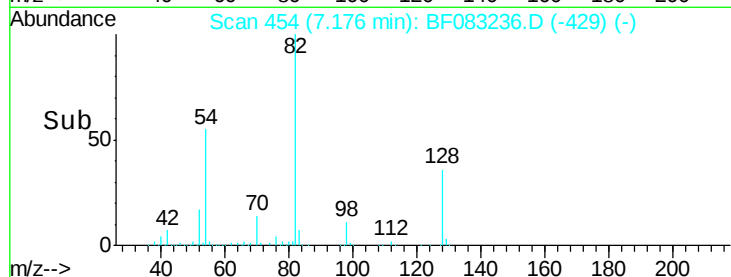
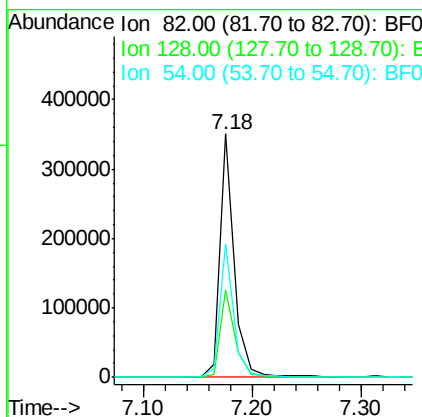
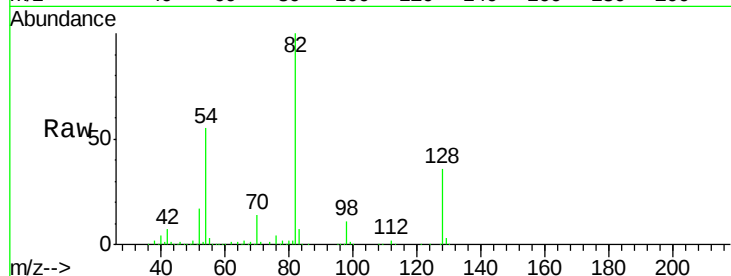




#23
 Nitrobenzene-d5
 Concen: 21.55 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF083236.D
 Acq: 24 Nov 2015 14:51

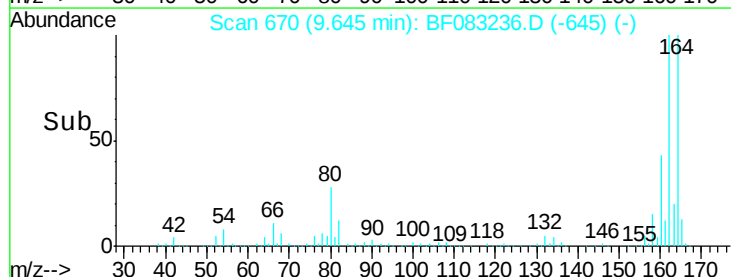
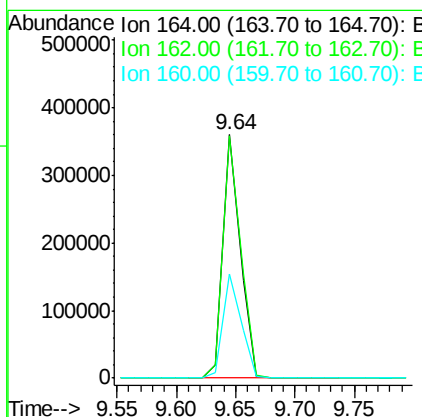
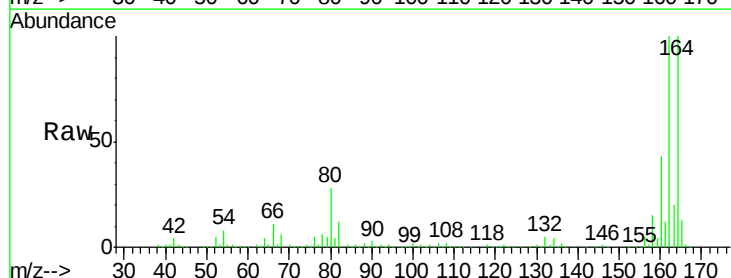
Instrument :
 BNA_F
 ClientSampled :
 MW-4

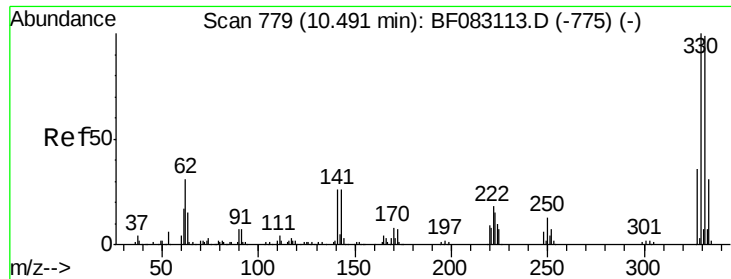
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.5	42.7
54	54.7	44.6	67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF083236.D
 Acq: 24 Nov 2015 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.2	121.8
160	42.9	35.6	53.4

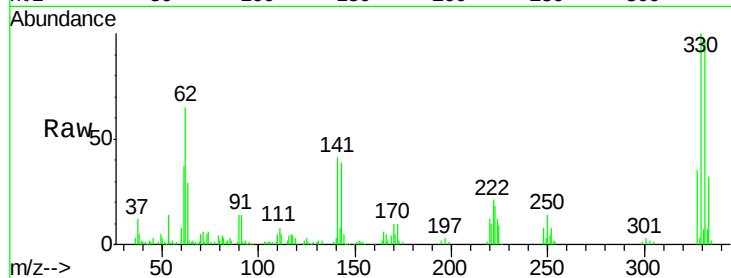




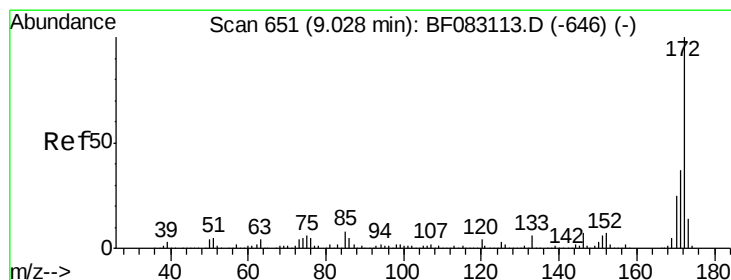
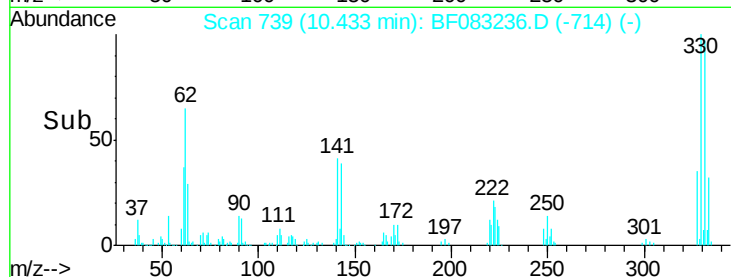
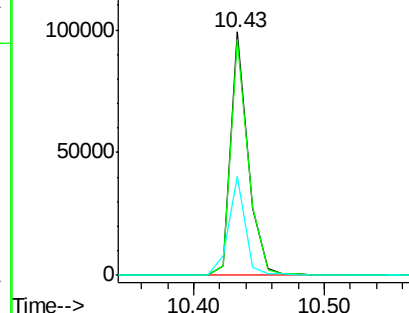
#41
 2,4,6-Tribromophenol
 Concen: 24.98 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF083236.D
 Acq: 24 Nov 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:330 Resp: 92811
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.7 116.5
 141 39.5 29.7 44.5

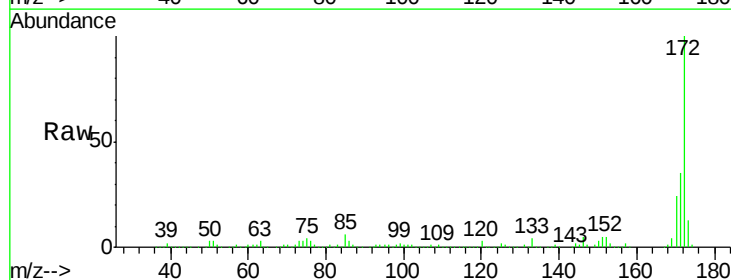


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

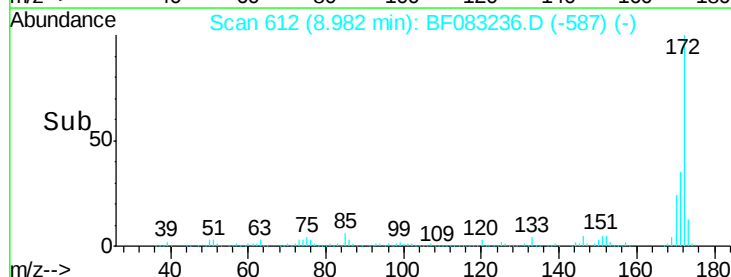
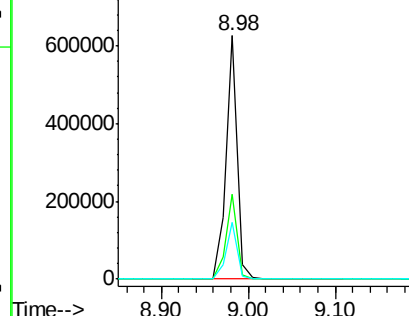


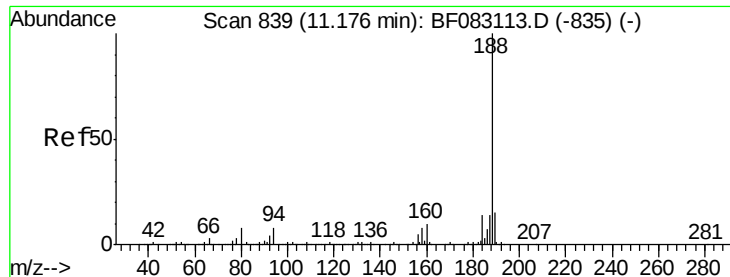
#44
 2-Fluorobiphenyl
 Concen: 22.08 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF083236.D
 Acq: 24 Nov 2015 14:51

Tgt Ion:172 Resp: 575011
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.5 44.3
 170 23.6 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

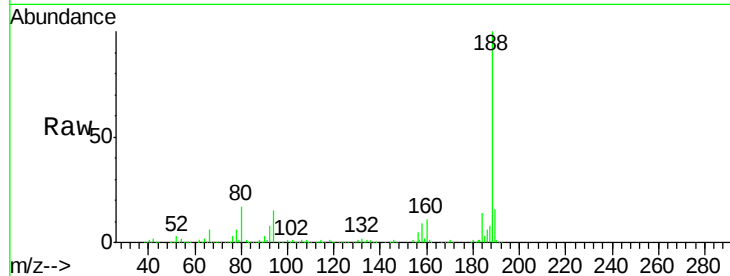




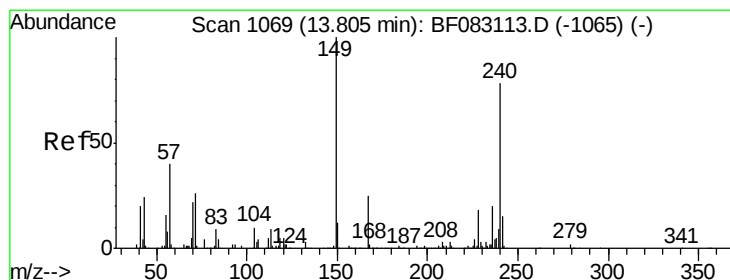
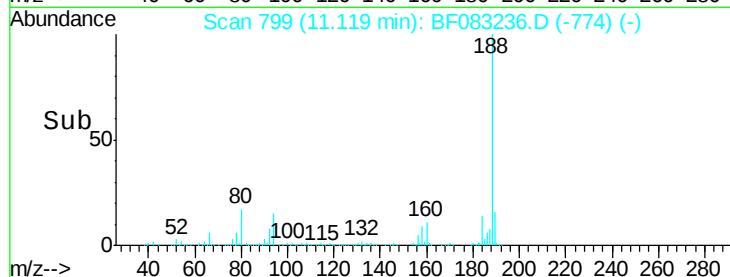
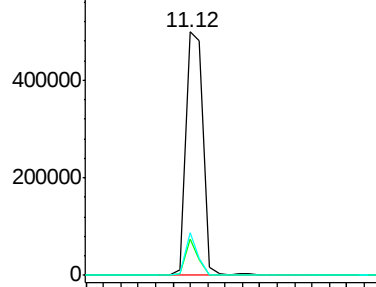
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083236.D
Acq: 24 Nov 2015 14:51

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 700829
Ion Ratio Lower Upper
188 100
94 14.8 6.0 9.0#
80 17.4 6.7 10.1#

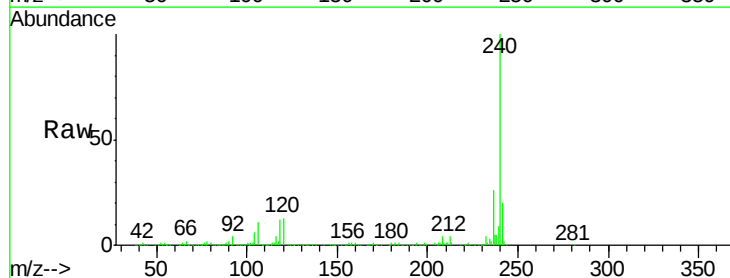


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

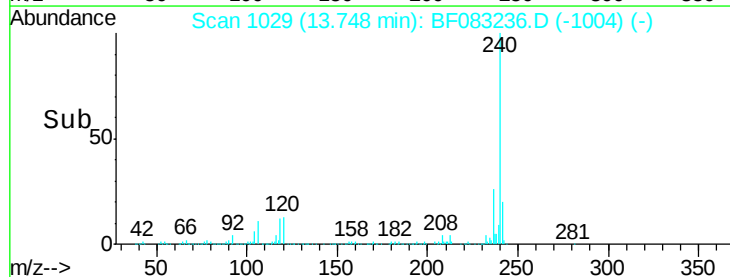
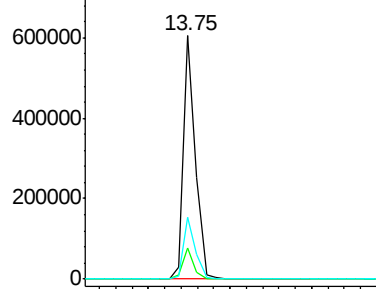


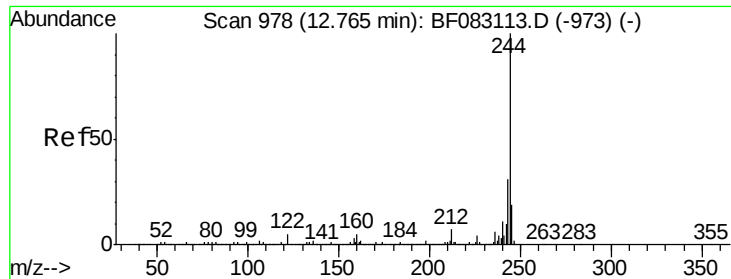
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083236.D
Acq: 24 Nov 2015 14:51

Tgt Ion:240 Resp: 622231
Ion Ratio Lower Upper
240 100
120 13.0 5.4 8.2#
236 25.6 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

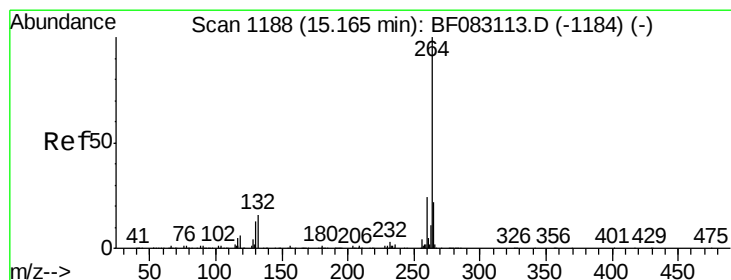
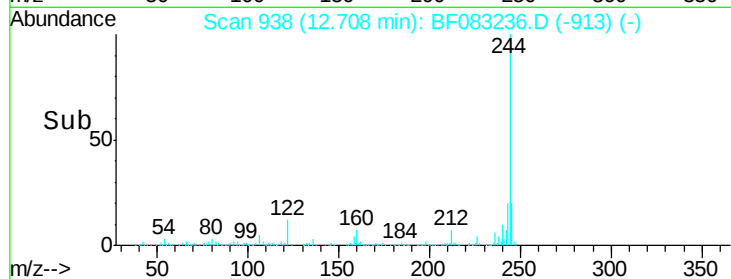
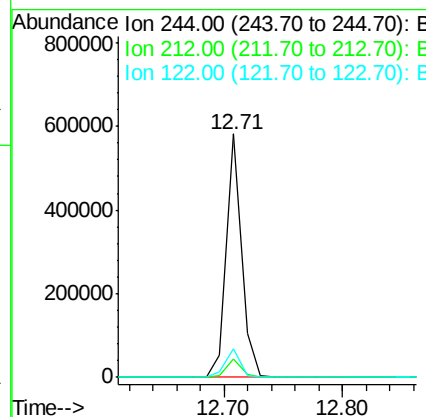
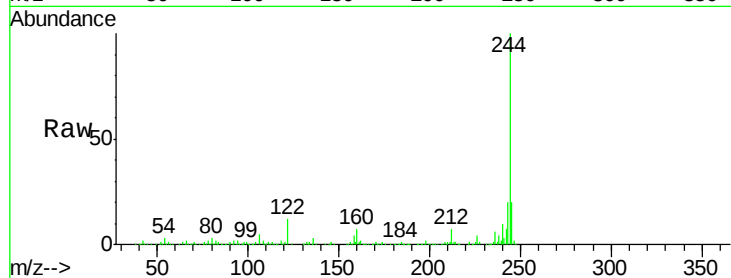




#78
 Terphenyl-d14
 Concen: 19.34 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF083236.D
 Acq: 24 Nov 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:244 Resp: 511154
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 12.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF083236.D
 Acq: 24 Nov 2015 14:51

Tgt Ion:264 Resp: 478342
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.4 18.2 27.4

