

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083313.D
 Acq On : 26 Nov 2015 12:03
 Operator : UM/IZ
 Sample : G4534-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: Nov 26 16:36:40 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	147585	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	492745	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	203831	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	356620	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	396709	20.00	ng	-0.08
86) Perylene-d12	15.07	264	296326	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	386546	39.60	ng	-0.10
7) Phenol-d6	6.25	99	319871	25.33	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1065437	98.80	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	175465	84.14	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1357450	92.87	ng	-0.07
78) Terphenyl-d14	12.69	244	1232712	73.17	ng	-0.08

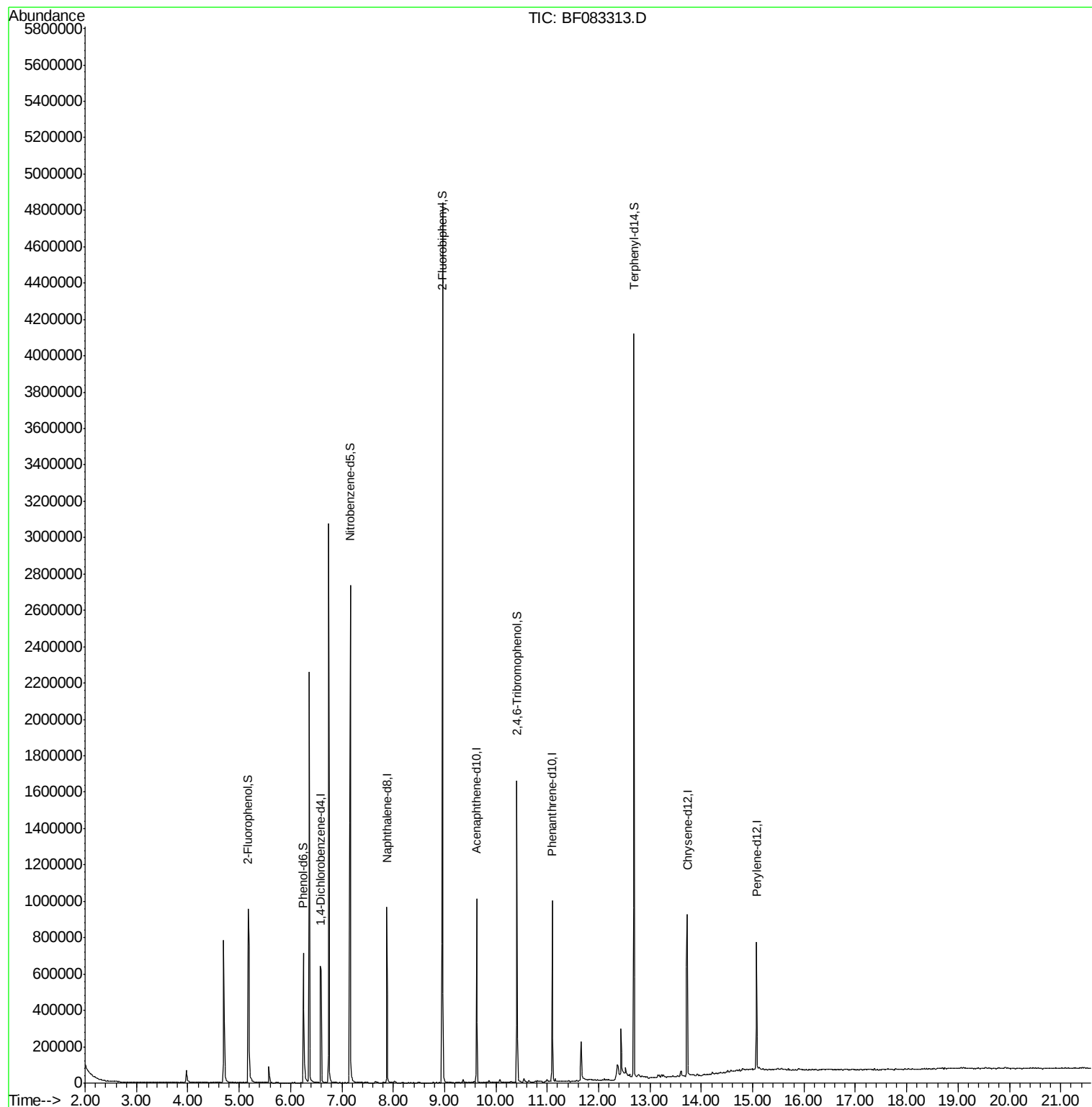
Target Compounds Qvalue

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

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Quant Time: Nov 26 16:36:40 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



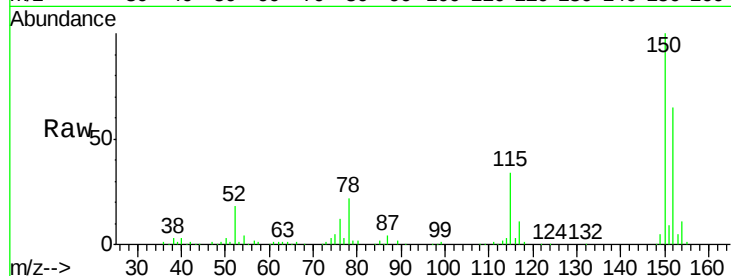


#1

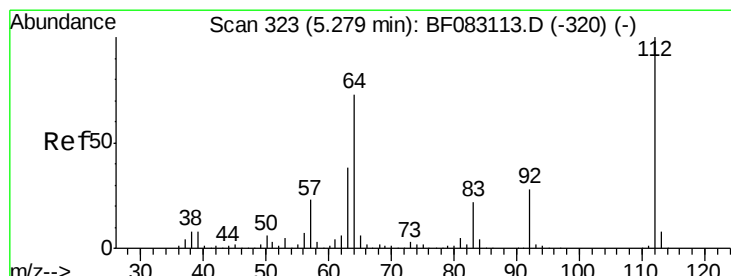
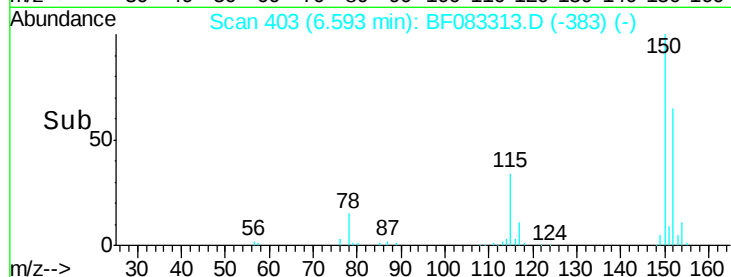
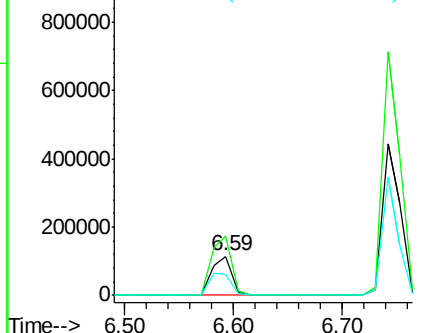
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampleId :
MW-29

Tot Ion:152 Resp: 147585
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.8
115 52.4 46.9 70.3



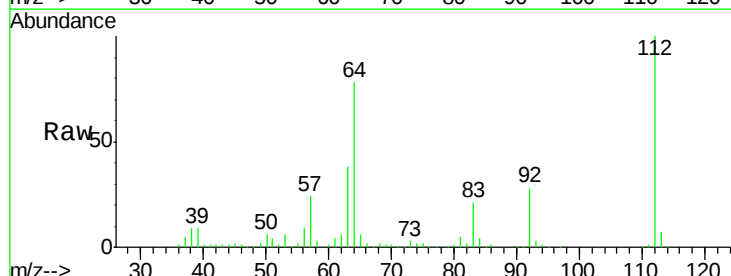
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



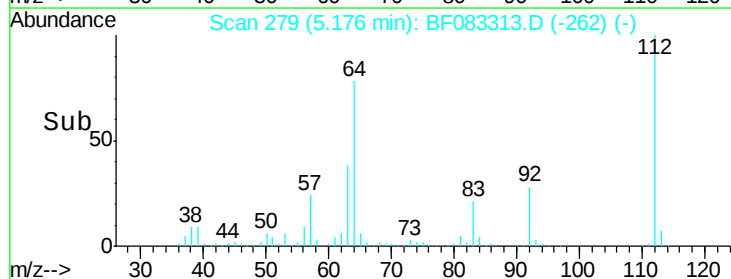
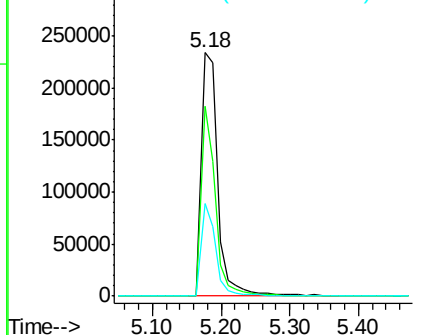
#5

2-Fluorophenol
Concen: 39.60 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.10 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:112 Resp: 386546
Ion Ratio Lower Upper
112 100
64 77.9 58.4 87.6
63 38.1 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: 25.33 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083313.D

Acq: 26 Nov 2015 12:03

Instrument :

BNA_F

ClientSampleId :

MW-29

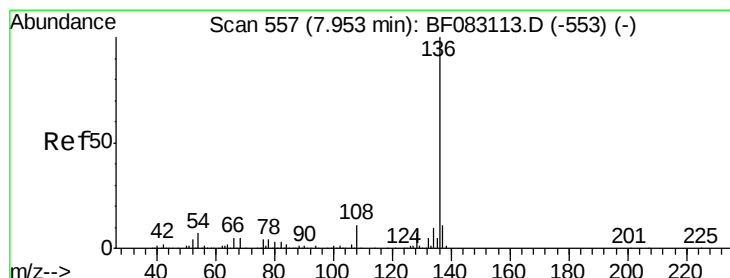
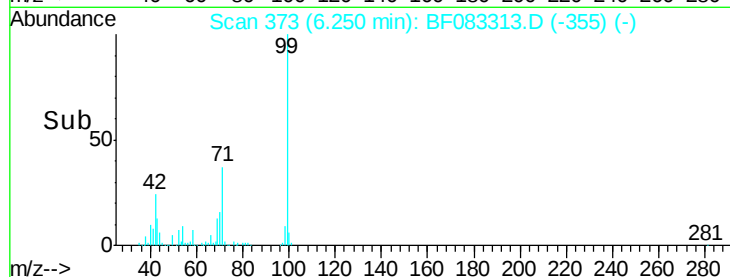
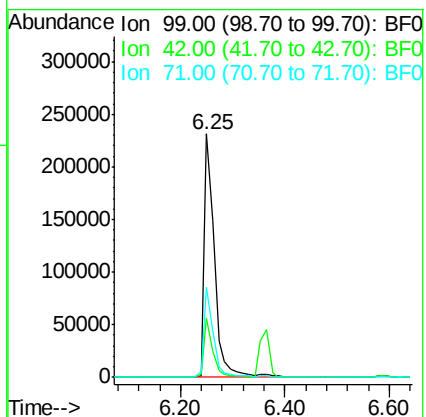
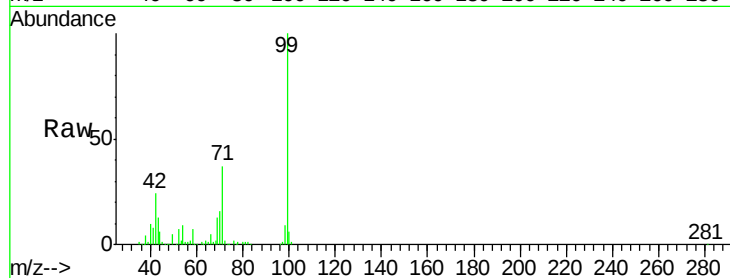
Tot Ion: 99 Resp: 319871

Ion Ratio Lower Upper

99 100

42 24.3 17.7 26.5

71 37.0 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: BF083313.D

Acq: 26 Nov 2015 12:03

Tgt Ion: 136 Resp: 492745

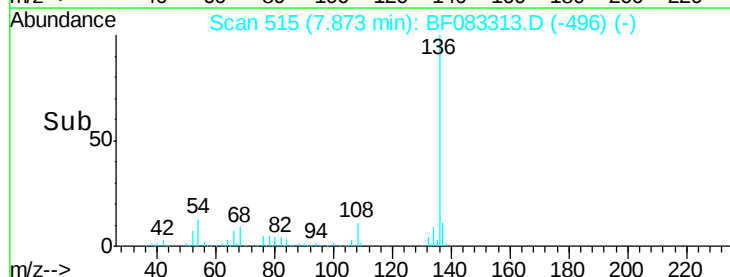
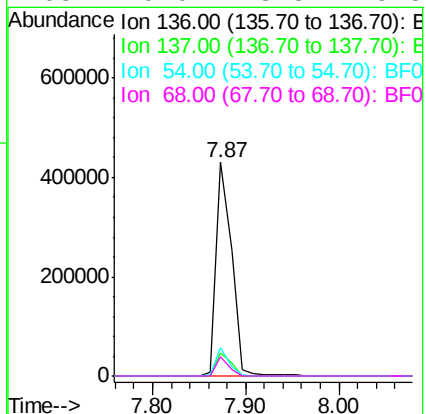
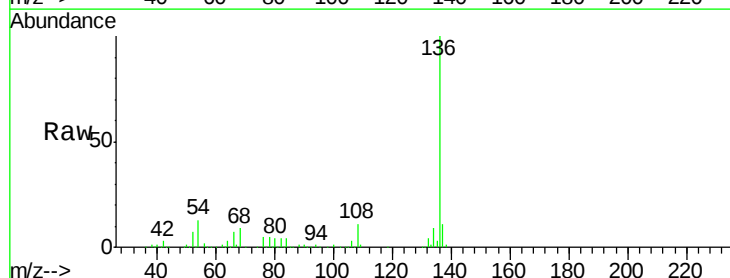
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 13.0 5.8 8.6#

68 9.0 3.8 5.8#

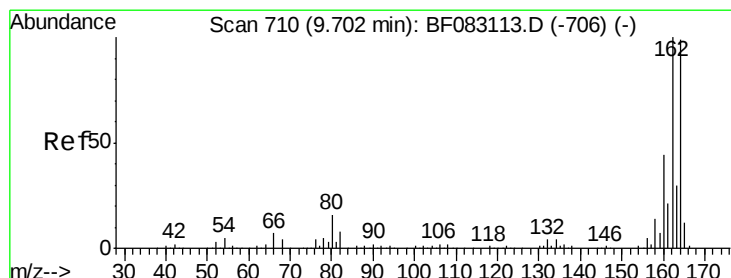
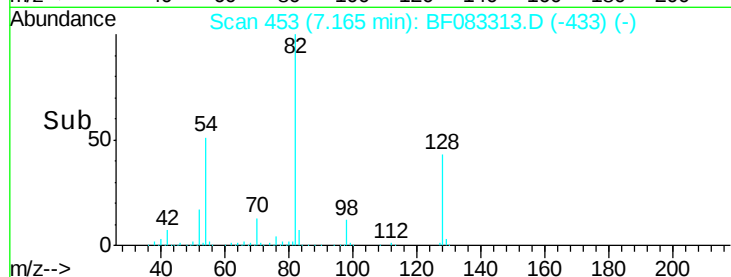
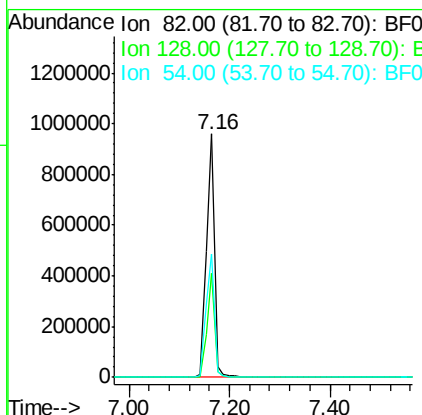
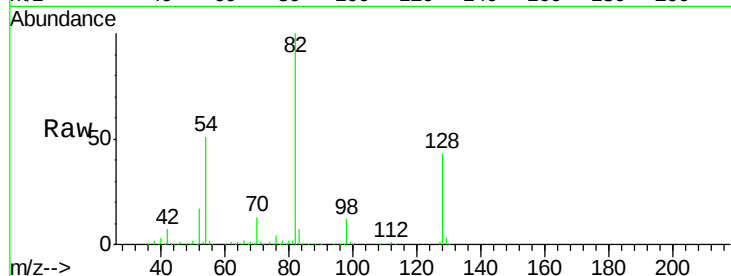




#23
Nitrobenzene-d5
Concen: 98.80 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

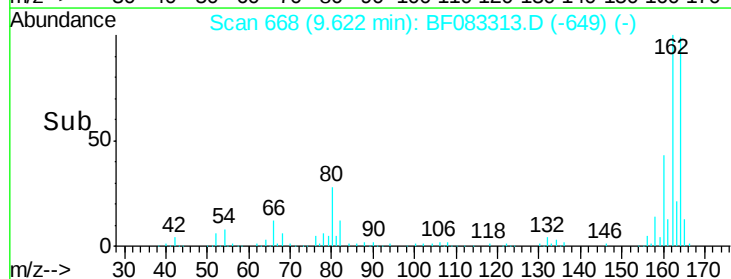
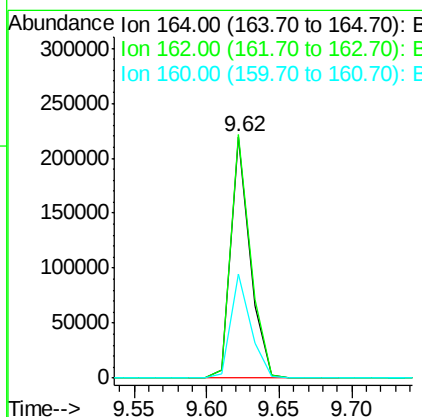
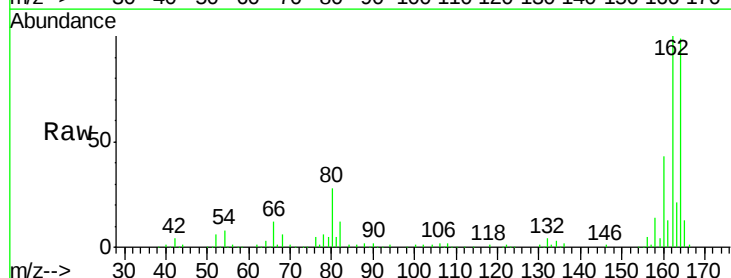
Instrument :
BNA_F
ClientSampleId :
MW-29

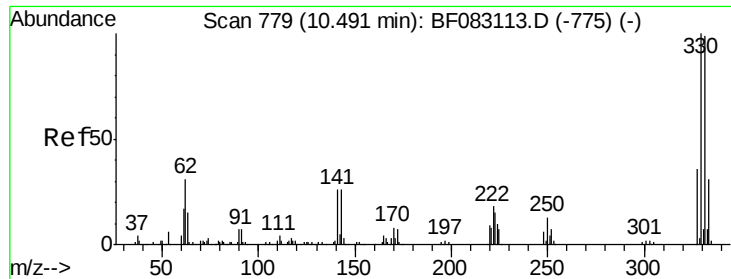
Tot Ion: 82 Resp: 1065437
Ion Ratio Lower Upper
82 100
128 42.7 28.5 42.7
54 50.6 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:164 Resp: 203831
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 43.1 35.6 53.4

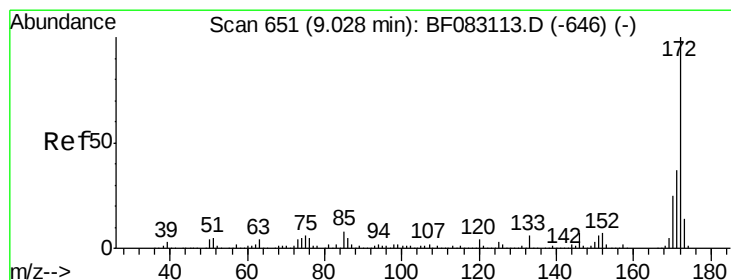
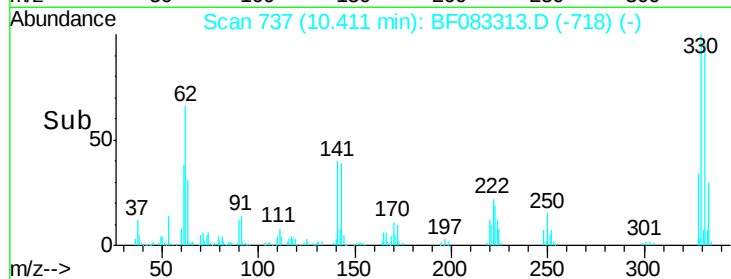
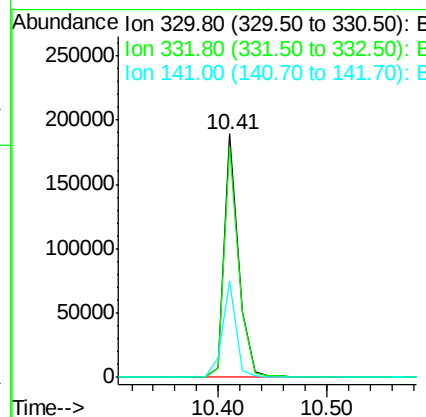
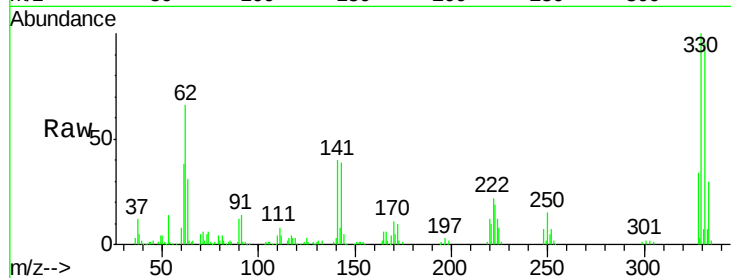




#41
 2,4,6-Tribromophenol
 Concen: 84.14 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083313.D
 Acq: 26 Nov 2015 12:03

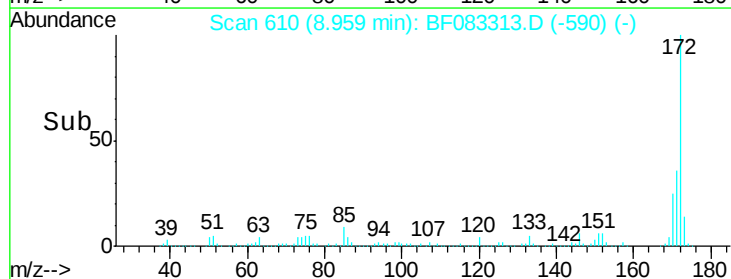
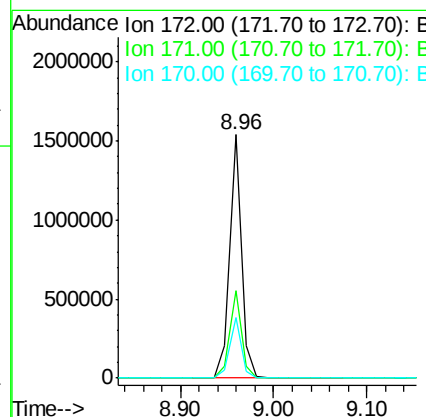
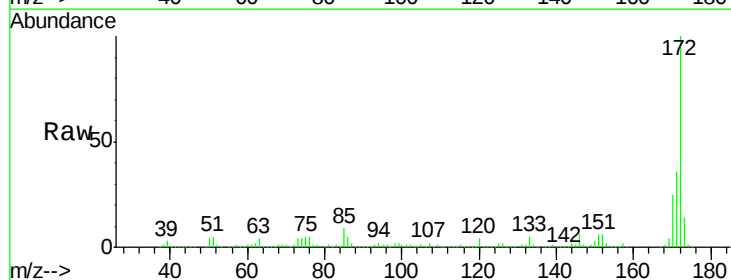
Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Tot Ion:330 Resp: 175465
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.7 116.5
 141 38.3 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 92.87 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083313.D
 Acq: 26 Nov 2015 12:03

Tgt Ion:172 Resp: 1357450
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.5 44.3
 170 24.8 19.9 29.9

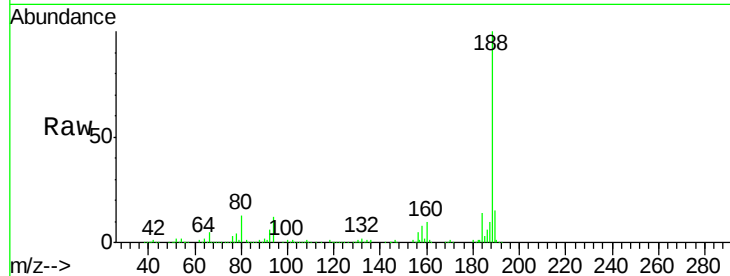




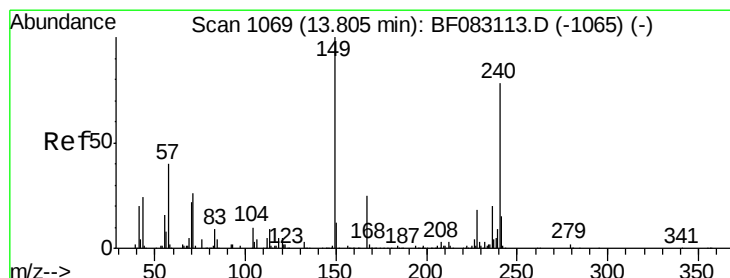
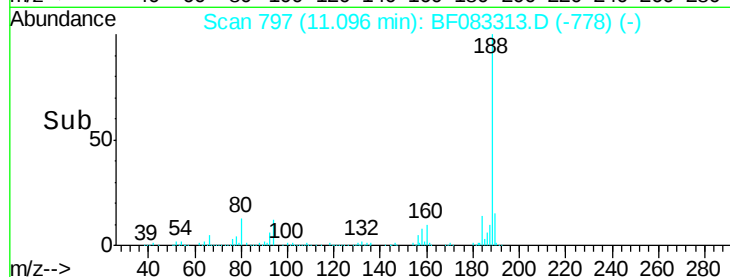
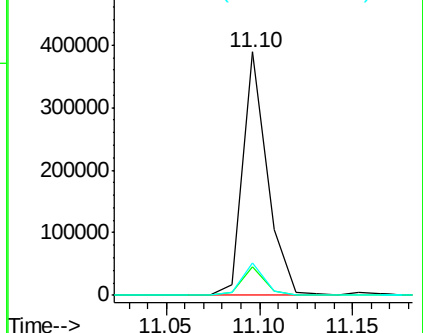
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Instrument :
BNA_F
ClientSampled :
MW-29

Tot Ion:188 Resp: 356620
Ion Ratio Lower Upper
188 100
94 11.7 6.0 9.0#
80 13.2 6.7 10.1#

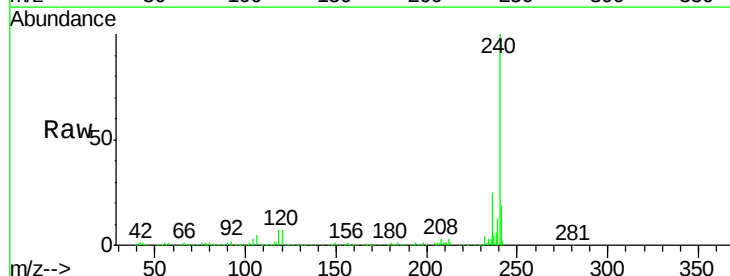


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

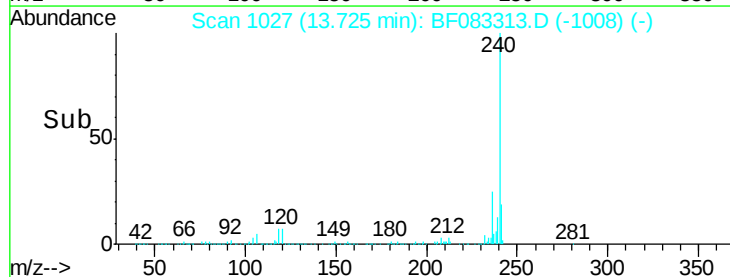
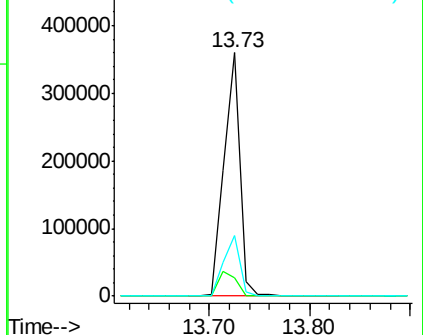


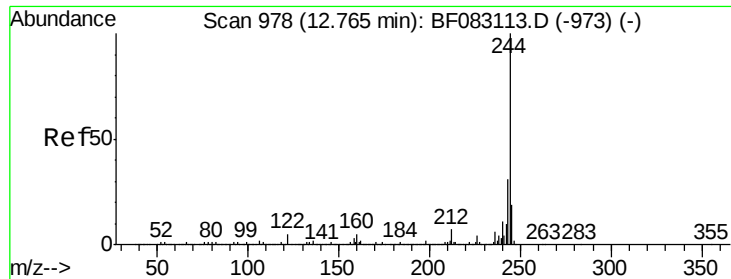
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083313.D
Acq: 26 Nov 2015 12:03

Tgt Ion:240 Resp: 396709
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.2
236 25.1 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: 73.17 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083313.D

Acq: 26 Nov 2015 12:03

Instrument :

BNA_F

ClientSampleId :

MW-29

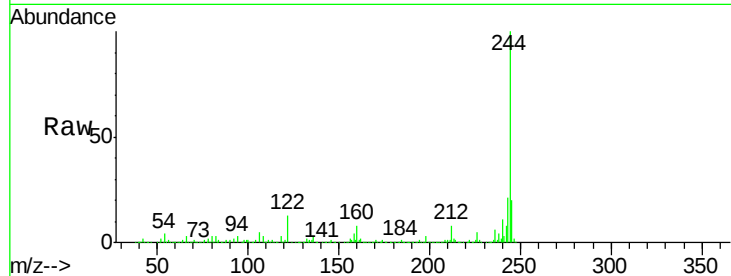
Tot Ion:244 Resp: 1232712

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

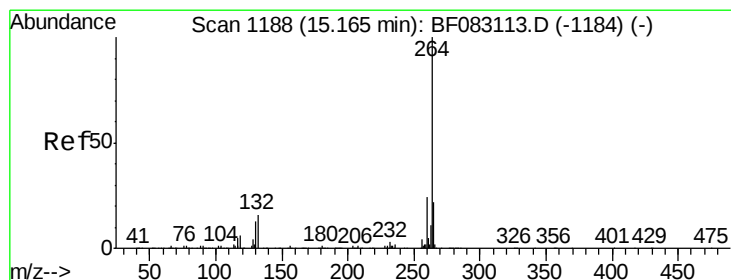
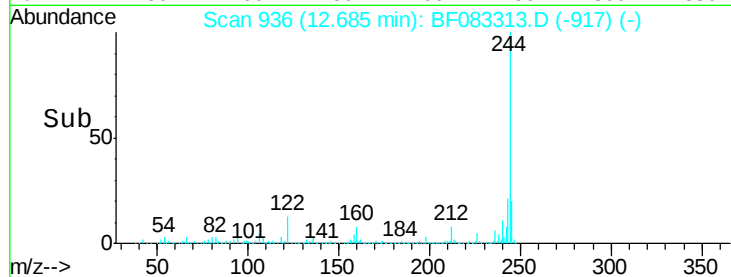
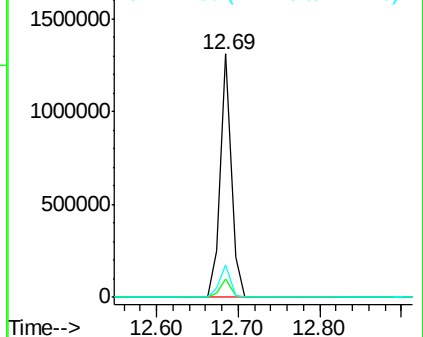
122 13.1 4.3 6.5#



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: BF083313.D

Acq: 26 Nov 2015 12:03

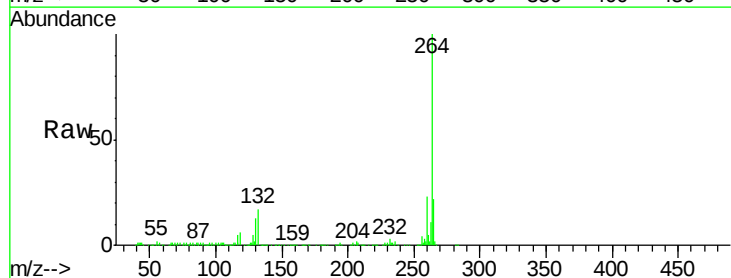
Tgt Ion:264 Resp: 296326

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 22.2 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

