

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083199.D
 Acq On : 23 Nov 2015 12:10
 Operator : UM/IZ
 Sample : G4437-10
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Nov 24 04:45:24 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	6.64	152	203473	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	787508	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	380222	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	712019	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	618326	20.00	ng	-0.03
86) Perylene-d12	15.14	264	501768	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	923873	68.65	ng	-0.03
7) Phenol-d6	6.31	99	797470	45.80	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1487461	86.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	537902	138.28	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	2425340	88.95	ng	-0.02
78) Terphenyl-d14	12.74	244	2246057	85.54	ng	-0.02

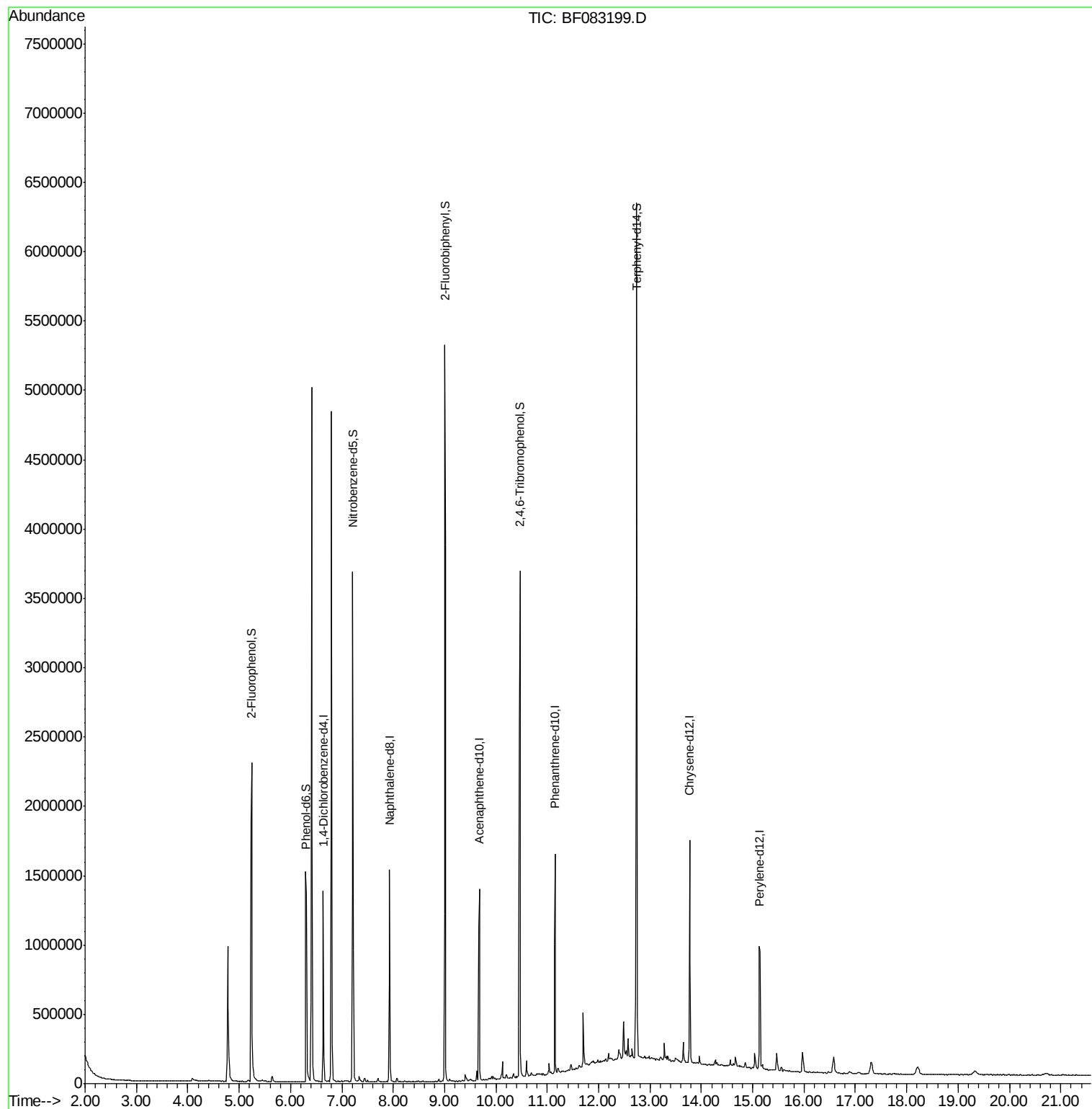
Target Compounds Qvalue

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

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Quant Time: Nov 24 04:45:24 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: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083199.D

Acq: 23 Nov 2015 12:10

Instrument :

BNA_F

ClientSampleId :

MW-10

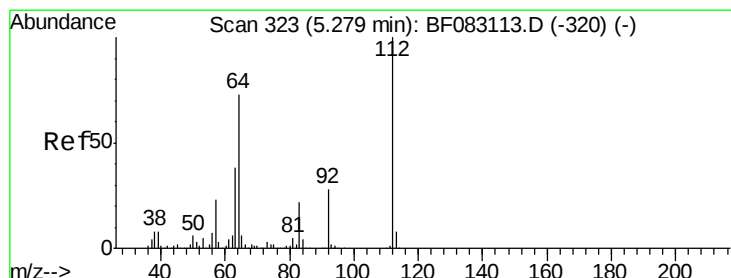
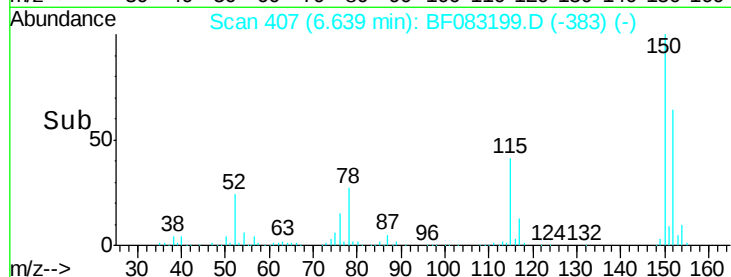
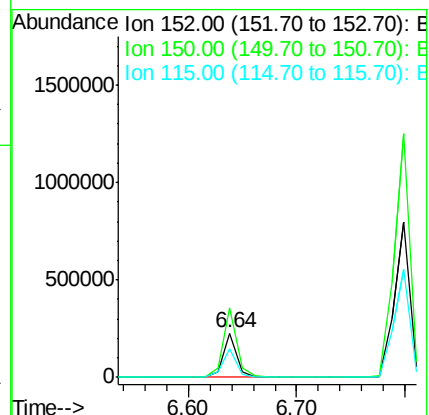
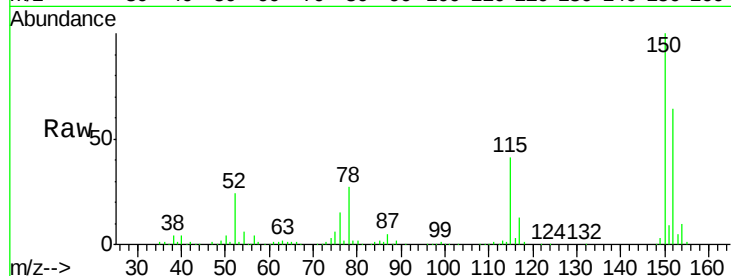
Tot Ion:152 Resp: 203473

Ion Ratio Lower Upper

152 100

150 155.2 125.8 188.8

115 63.4 46.9 70.3



#5

2-Fluorophenol

Concen: 68.65 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083199.D

Acq: 23 Nov 2015 12:10

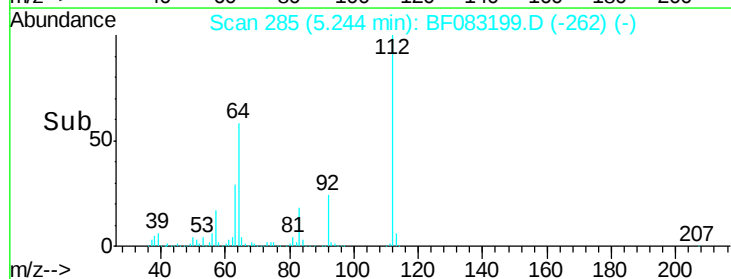
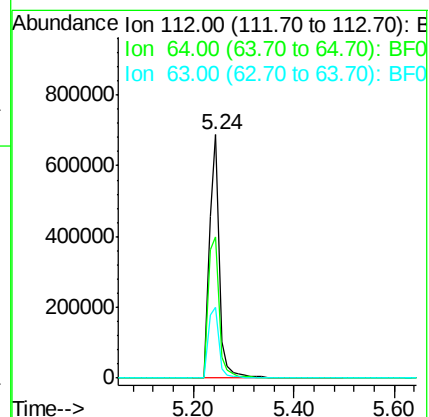
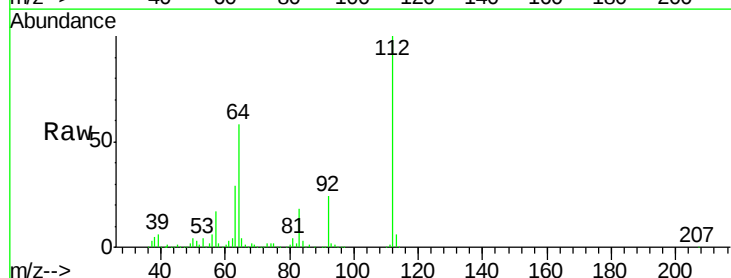
Tgt Ion:112 Resp: 923873

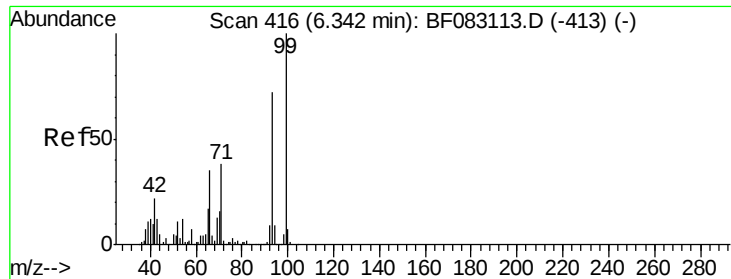
Ion Ratio Lower Upper

112 100

64 58.2 58.4 87.6#

63 28.9 30.0 45.0#





#7

Phenol-d6

Concen: 45.80 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083199.D

Acq: 23 Nov 2015 12:10

Instrument :

BNA_F

ClientSampleId :

MW-10

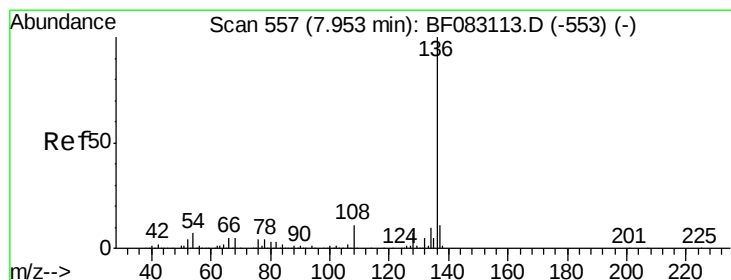
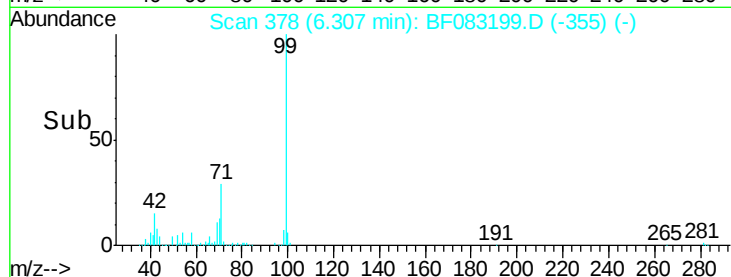
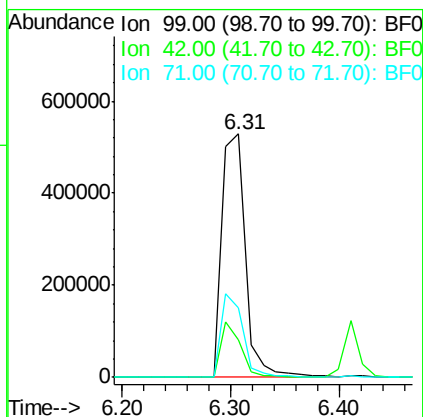
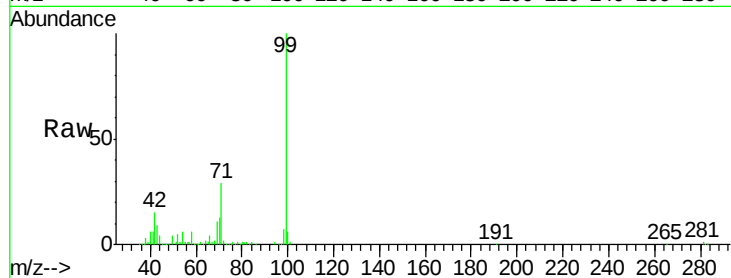
Tot Ion: 99 Resp: 797470

Ion Ratio Lower Upper

99 100

42 15.4 17.7 26.5#

71 28.5 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083199.D

Acq: 23 Nov 2015 12:10

Tgt Ion: 136 Resp: 787508

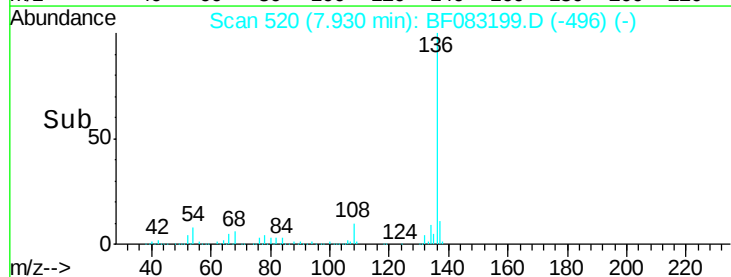
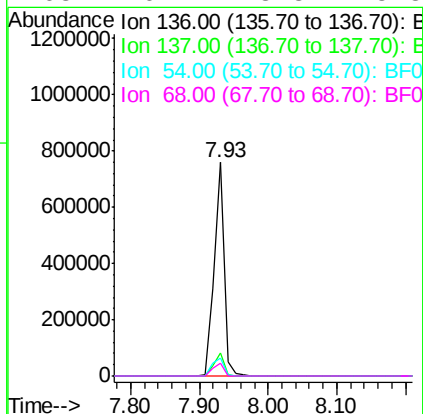
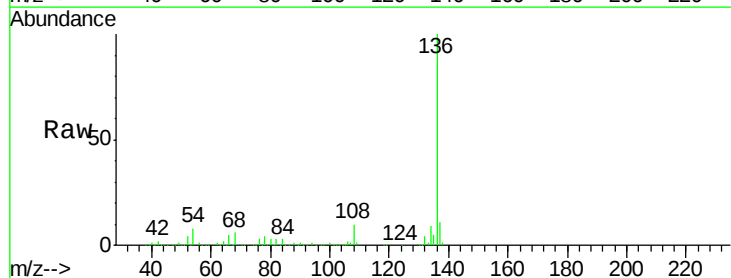
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.3 5.8 8.6

68 6.2 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 86.31 ng

RT: 7.21 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083199.D

Acq: 23 Nov 2015 12:10

Instrument :

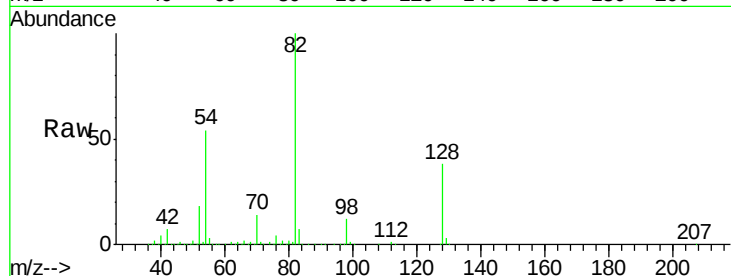
BNA_F

ClientSampleId :

MW-10

Tot Ion: 82 Resp: 1487461

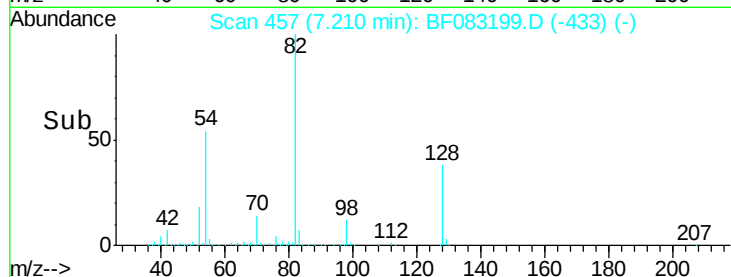
Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.5	42.7
54	54.5	44.6	67.0



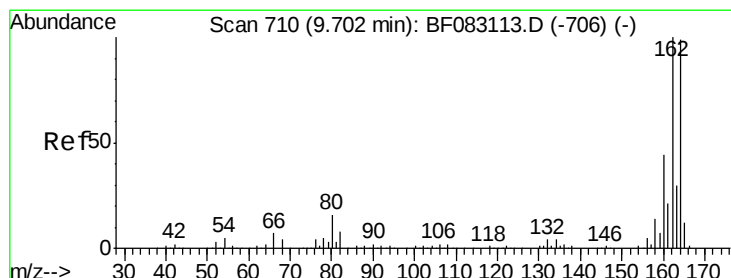
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

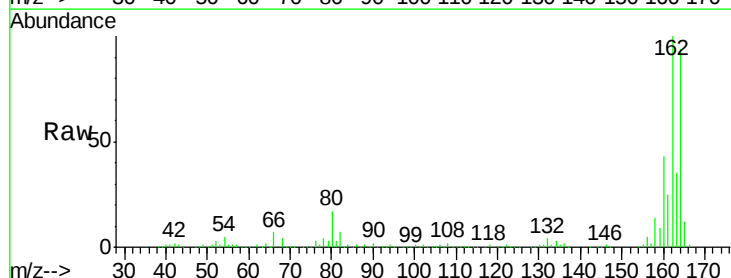
Delta R.T. -0.02 min

Lab File: BF083199.D

Acq: 23 Nov 2015 12:10

Tgt Ion:164 Resp: 380222

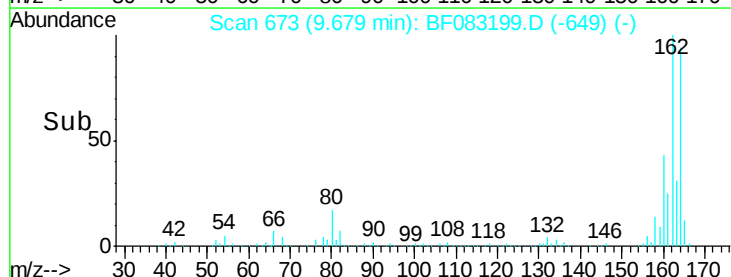
Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.2	121.8
160	45.6	35.6	53.4



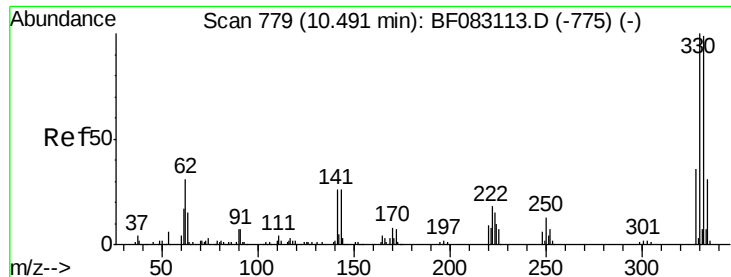
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



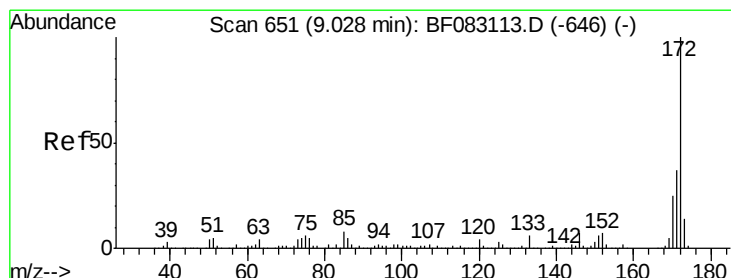
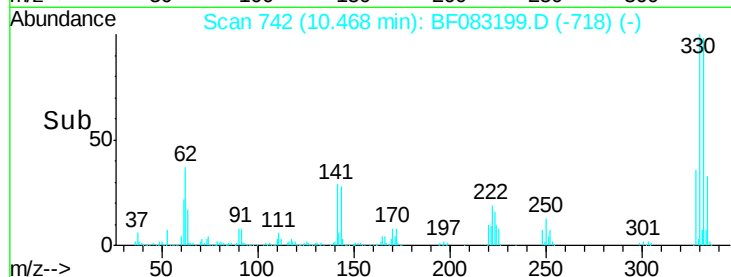
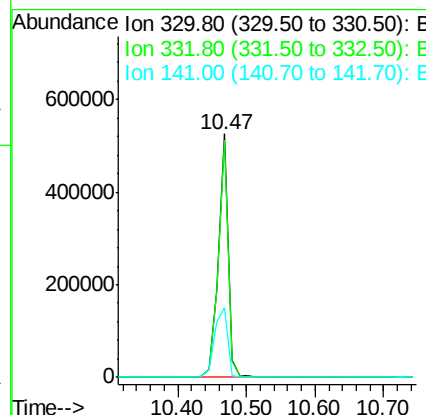
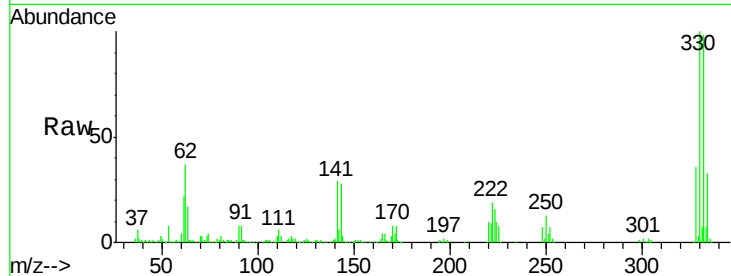
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 138.28 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083199.D
 Acq: 23 Nov 2015 12:10

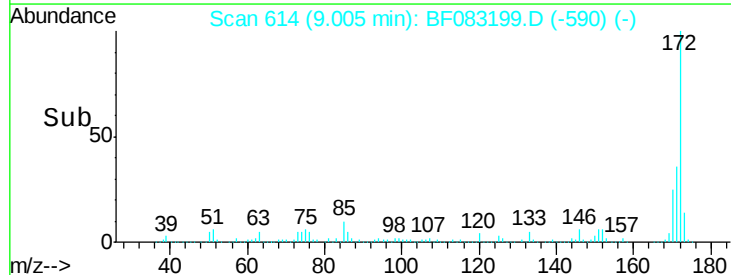
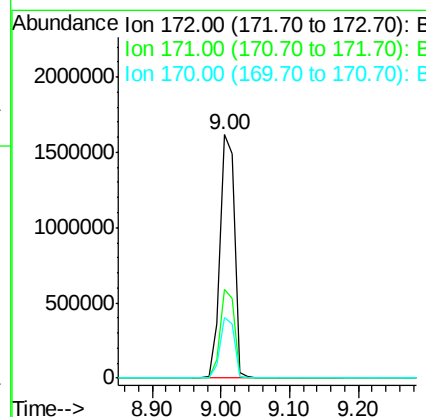
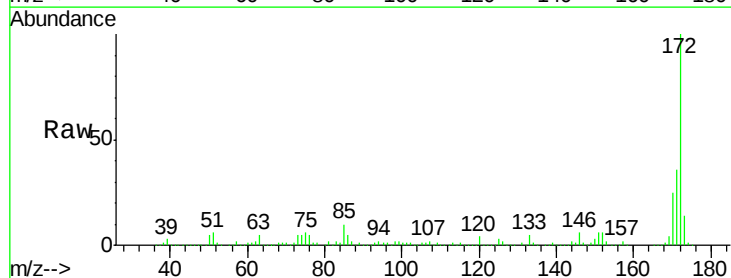
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

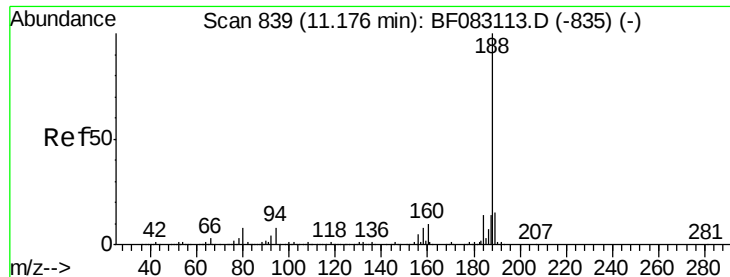
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	38.0	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 88.95 ng
 RT: 9.00 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF083199.D
 Acq: 23 Nov 2015 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.7	19.9	29.9

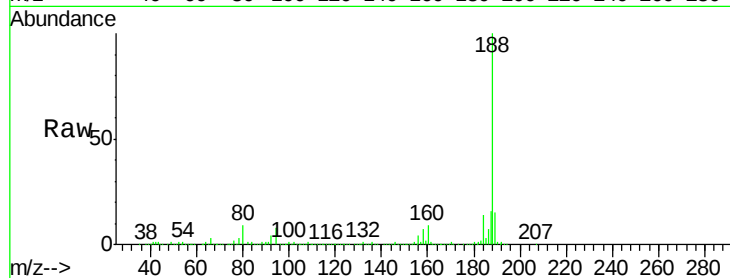




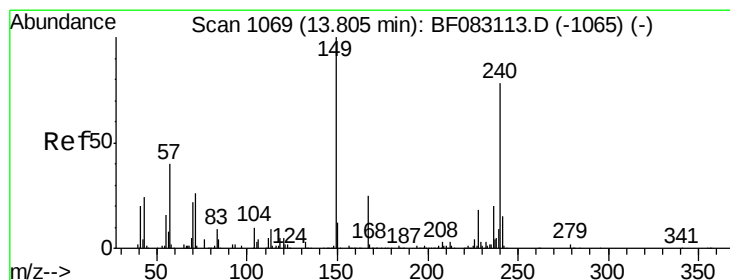
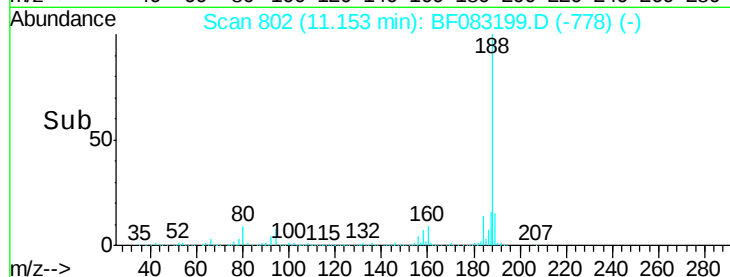
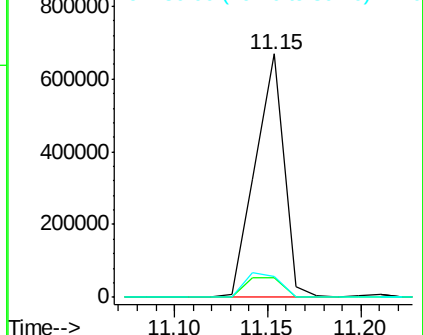
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083199.D
Acq: 23 Nov 2015 12:10

Instrument :
BNA_F
ClientSampleId :
MW-10

Tot Ion:188 Resp: 712019
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 8.7 6.7 10.1

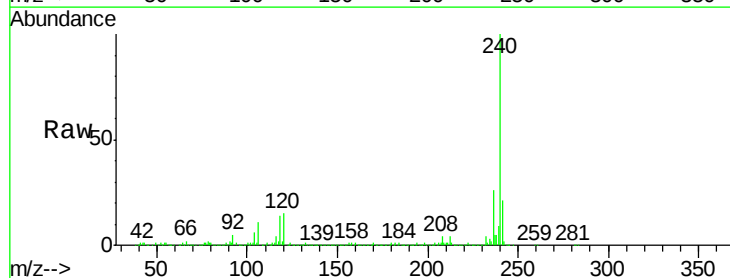


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

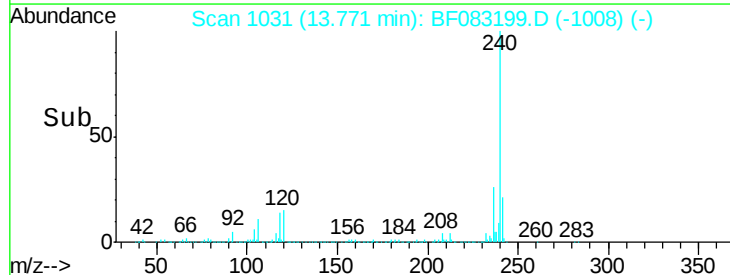
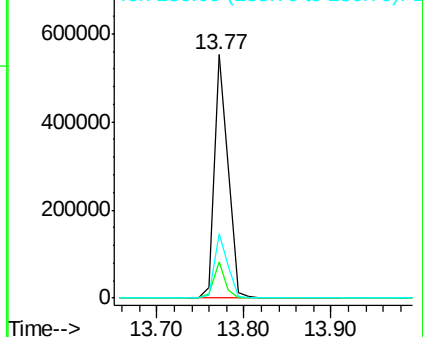


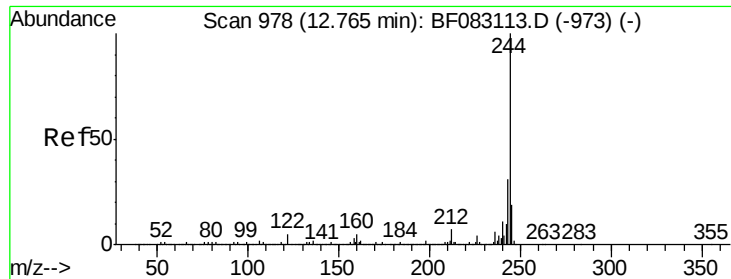
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083199.D
Acq: 23 Nov 2015 12:10

Tgt Ion:240 Resp: 618326
Ion Ratio Lower Upper
240 100
120 14.8 5.4 8.2#
236 26.3 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

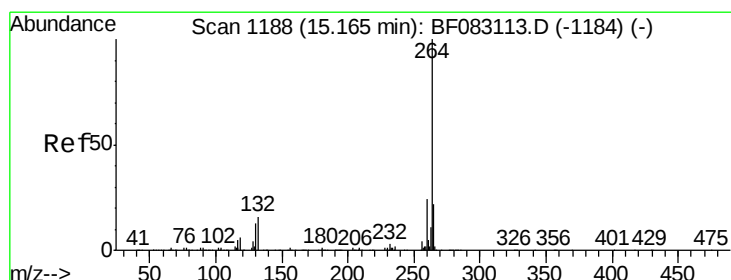
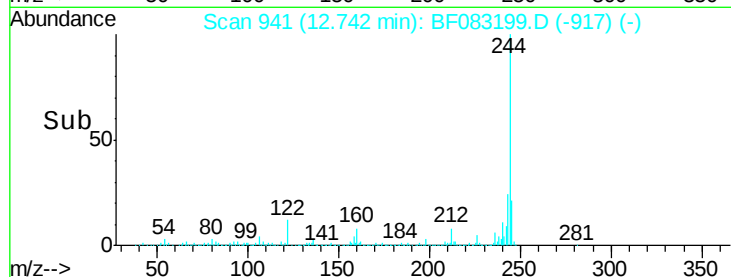
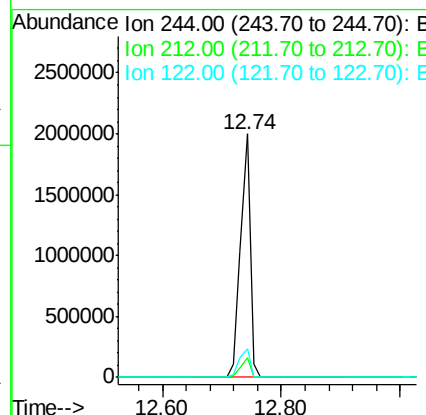
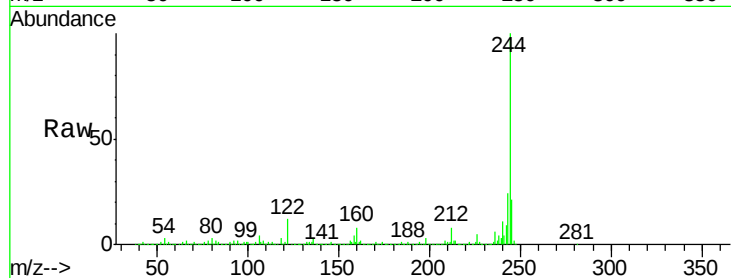




#78
 Terphenyl-d14
 Concen: 85.54 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083199.D
 Acq: 23 Nov 2015 12:10

Instrument :
 BNA_F
 ClientSampled :
 MW-10

Tot Ion:244 Resp: 2246057
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 11.7 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083199.D
 Acq: 23 Nov 2015 12:10

Tgt Ion:264 Resp: 501768
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.1 28.7
 265 21.8 18.2 27.4

