

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083205.D
 Acq On : 23 Nov 2015 15:36
 Operator : UM/IZ
 Sample : G4437-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Nov 24 05:31:59 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	209823	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	803077	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	391301	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	750161	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	678155	20.00	ng	-0.03
86) Perylene-d12	15.13	264	562041	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	694837	50.07	ng	-0.05
7) Phenol-d6	6.30	99	584110	32.53	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1548605	88.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	521347	130.23	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	2445408	87.14	ng	-0.02
78) Terphenyl-d14	12.74	244	2319743	80.55	ng	-0.02

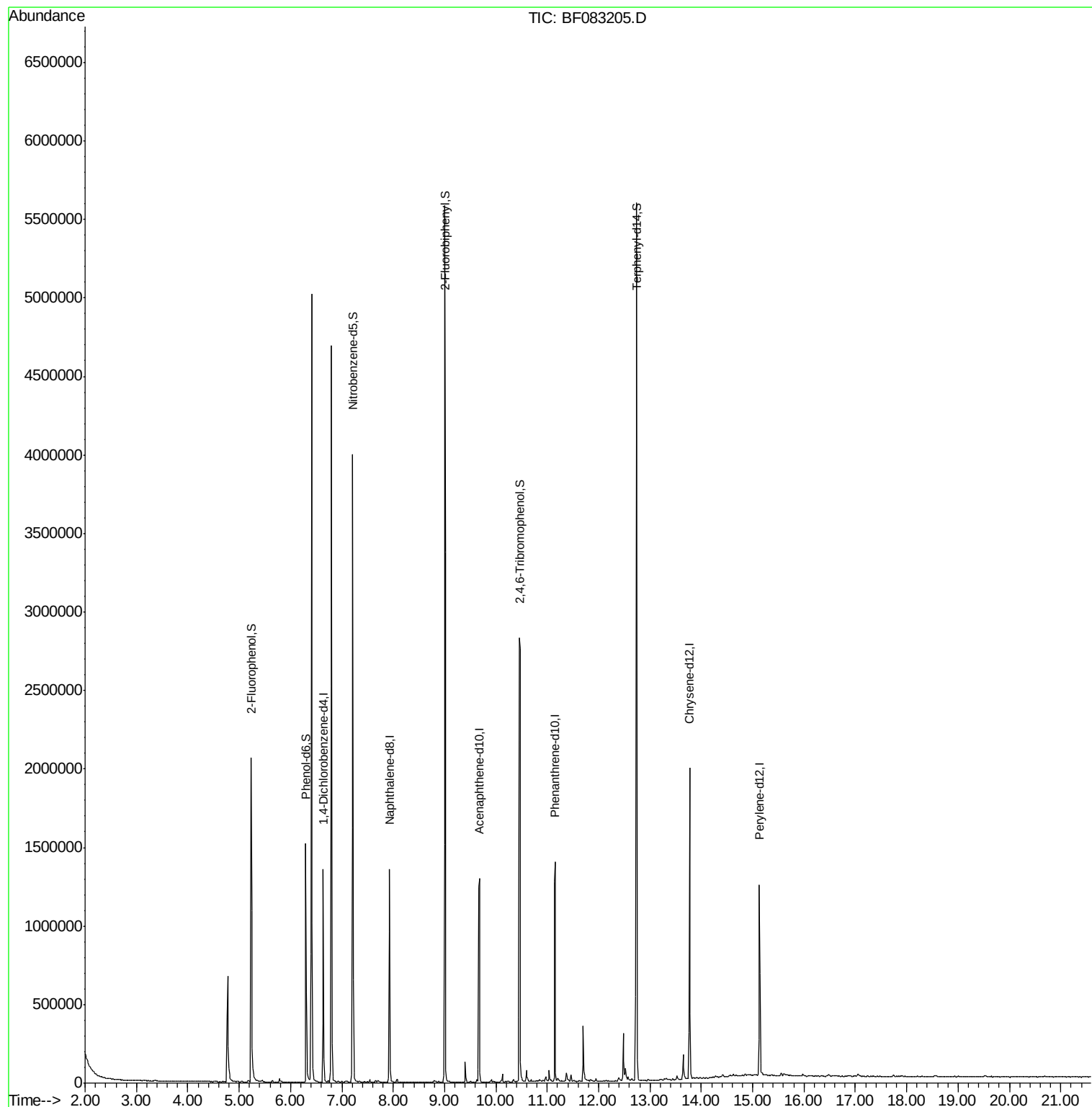
Target Compounds Qvalue

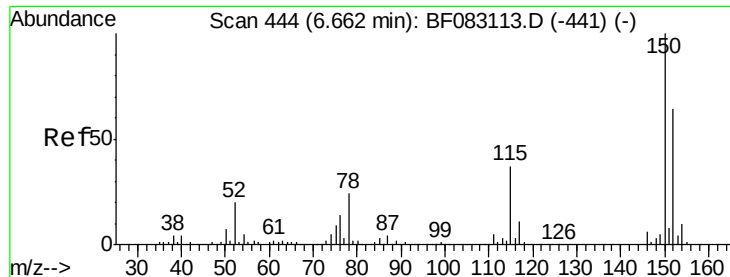
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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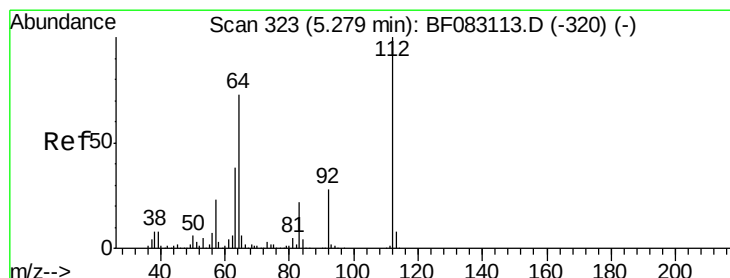
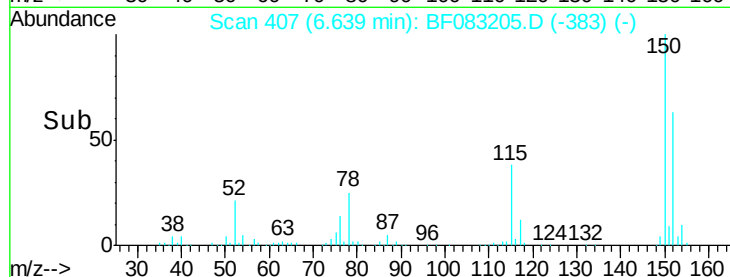
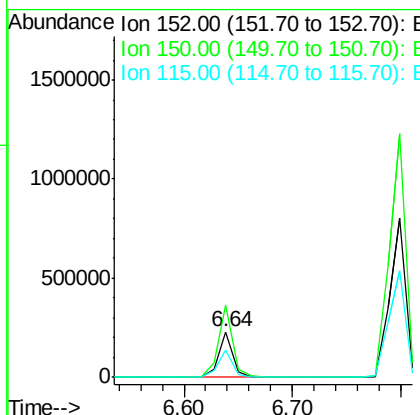
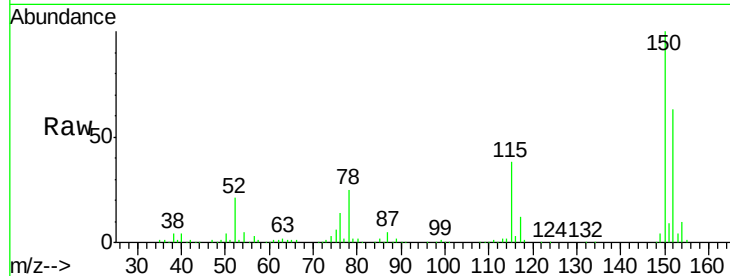


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
MW-24

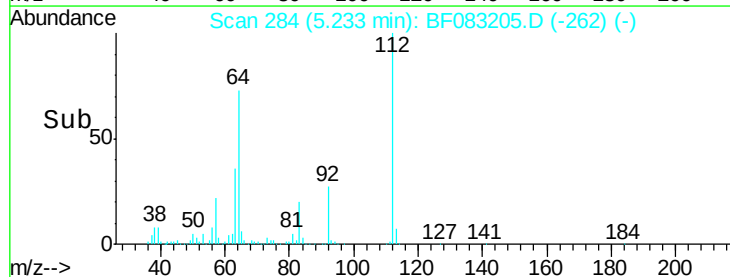
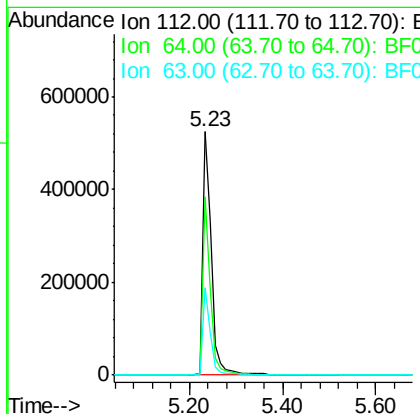
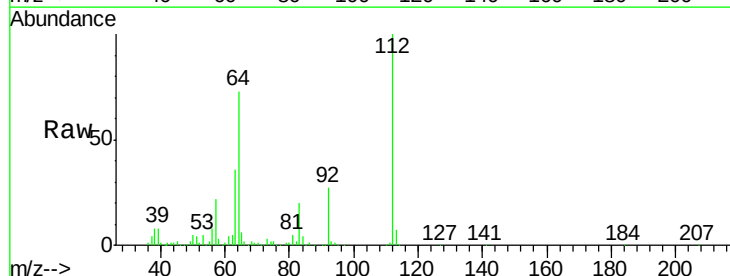
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.8
115	60.2	46.9	70.3

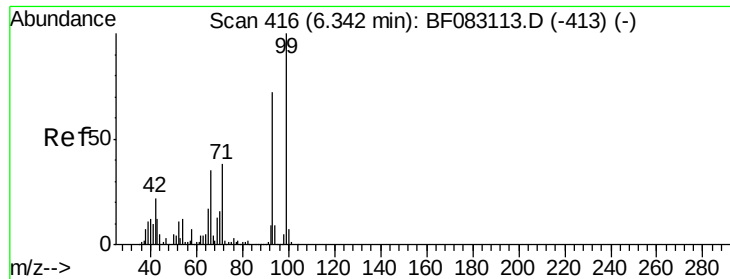


#5

2-Fluorophenol
Concen: 50.07 ng
RT: 5.23 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	58.4	87.6
63	36.1	30.0	45.0





#7

Phenol-d6

Concen: 32.53 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

MW-24

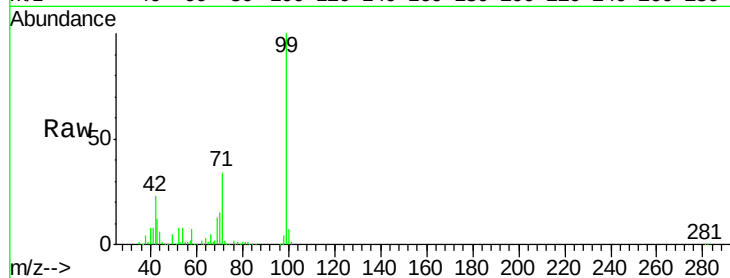
Tot Ion: 99 Resp: 584110

Ion Ratio Lower Upper

99 100

42 22.5 17.7 26.5

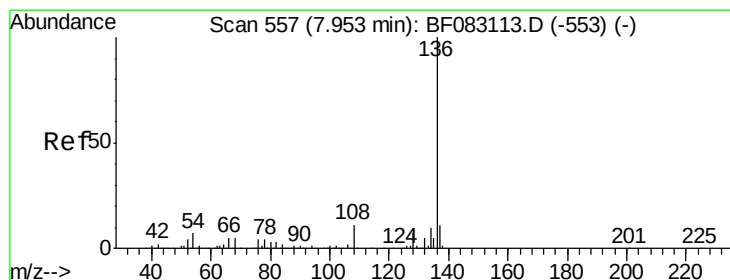
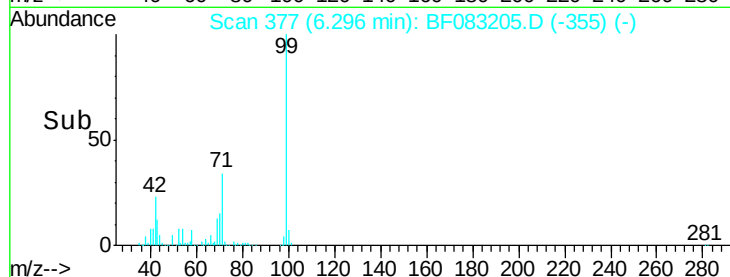
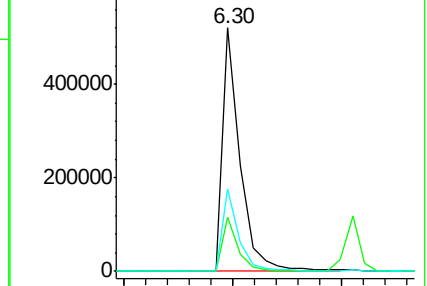
71 33.9 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083205.D

Acq: 23 Nov 2015 15:36

Tgt Ion: 136 Resp: 803077

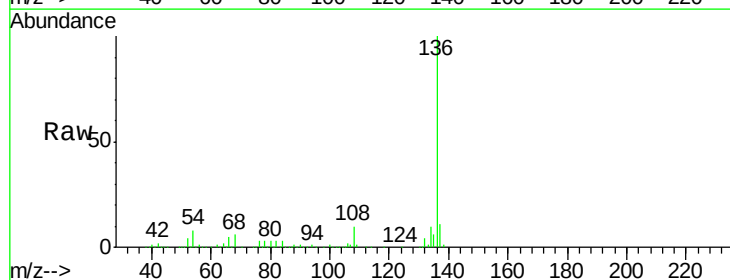
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 5.8 8.6

68 5.6 3.8 5.8

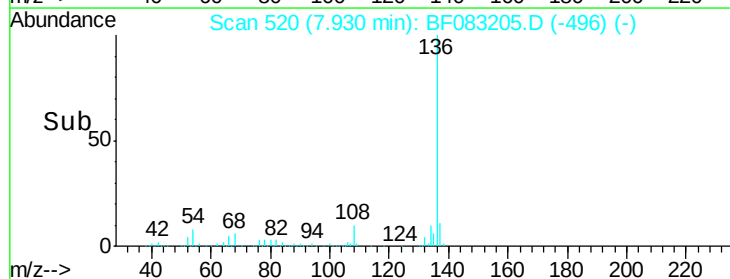
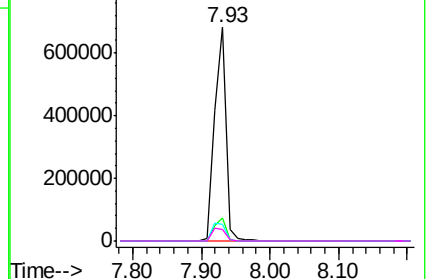


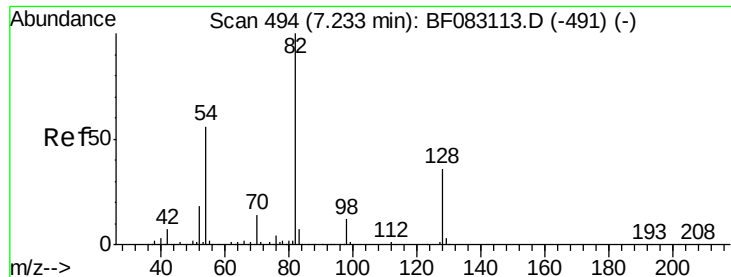
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

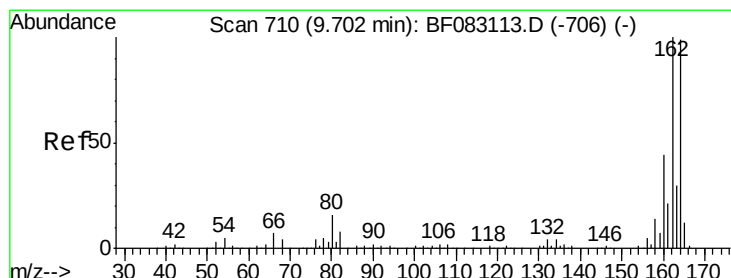
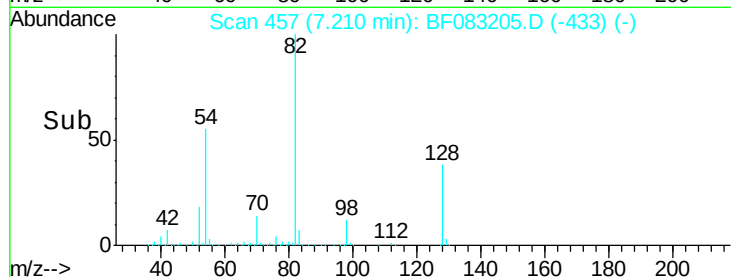
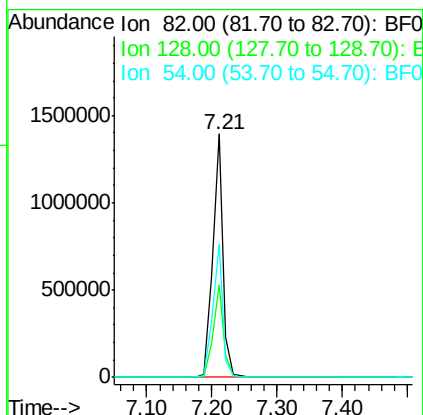
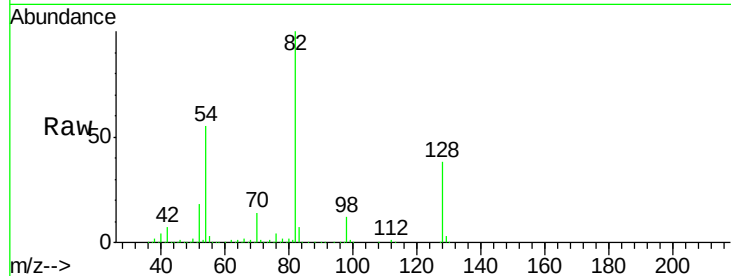




#23
Nitrobenzene-d5
Concen: 88.11 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

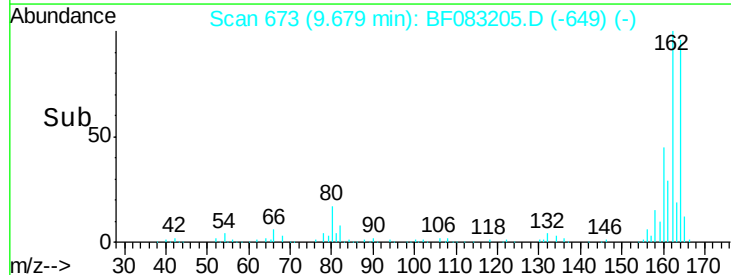
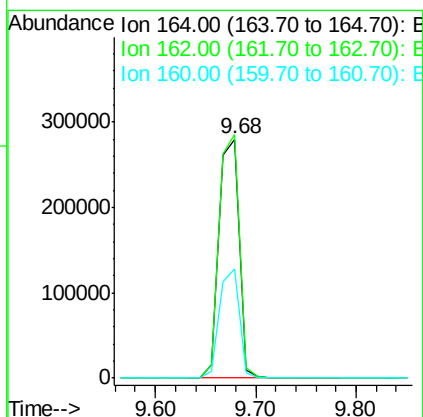
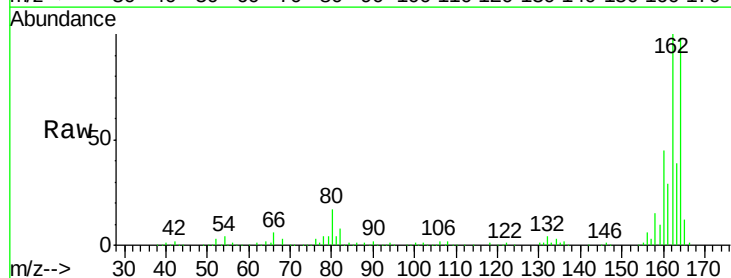
Instrument :
BNA_F
ClientSampled :
MW-24

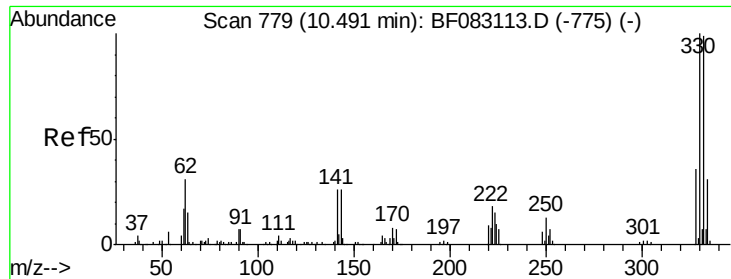
Tot Ion: 82 Resp: 1548605
Ion Ratio Lower Upper
82 100
128 37.9 28.5 42.7
54 54.7 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

Tgt Ion:164 Resp: 391301
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 45.9 35.6 53.4

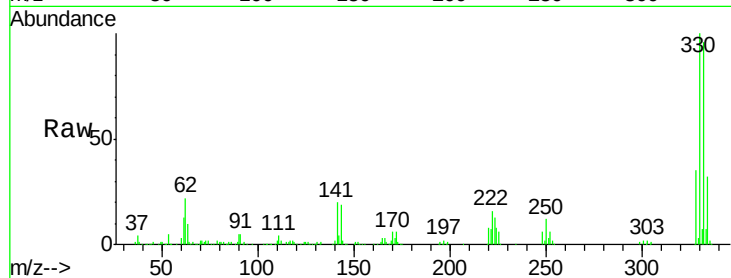




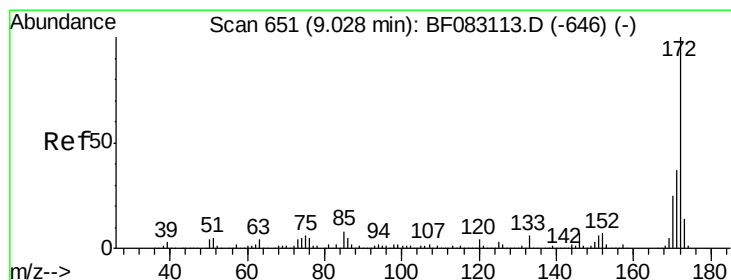
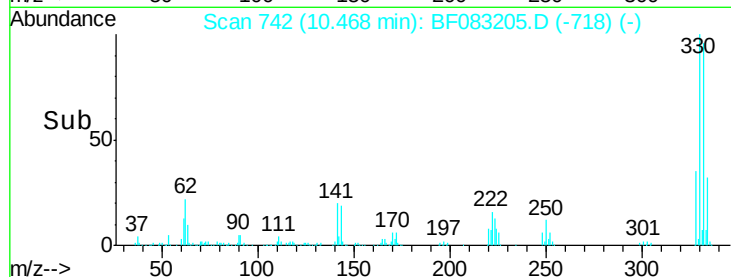
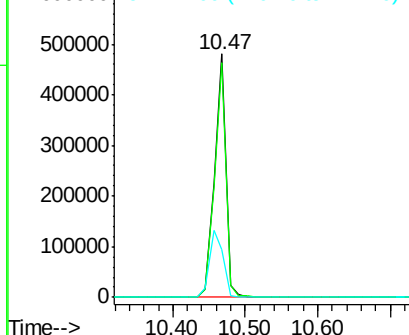
#41
 2,4,6-Tribromophenol
 Concen: 130.23 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion:330 Resp: 521347
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.7 116.5
 141 33.4 29.7 44.5

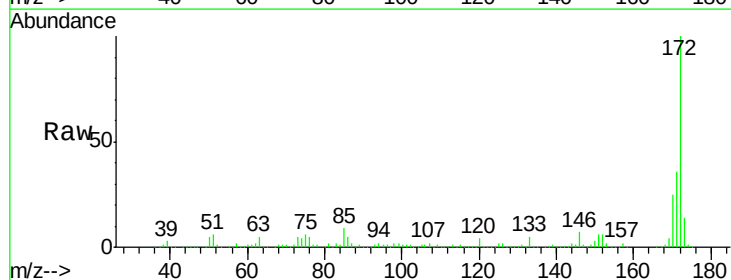


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

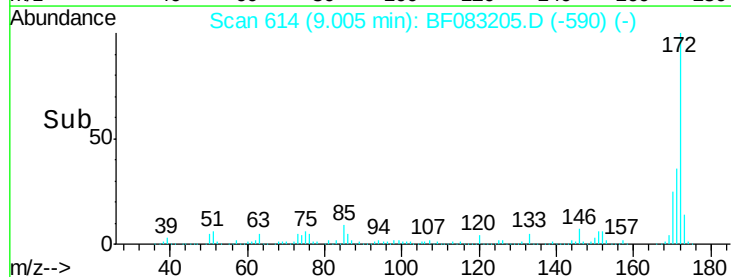
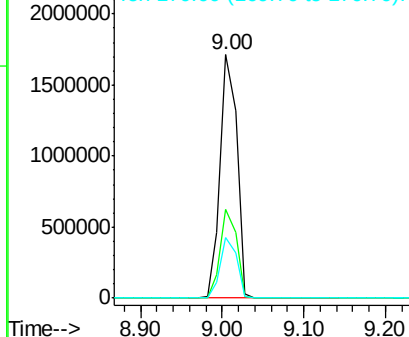


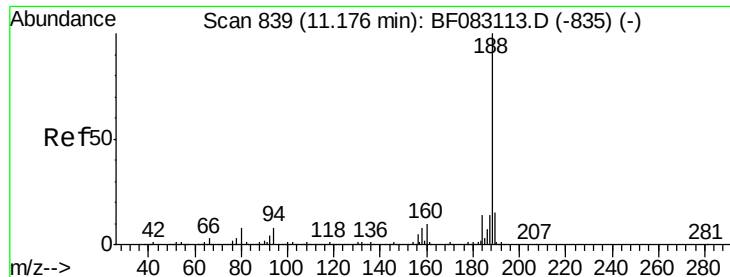
#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 9.00 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Tgt Ion:172 Resp: 2445408
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 24.7 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

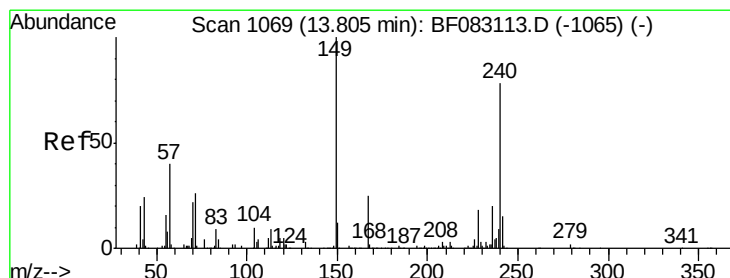
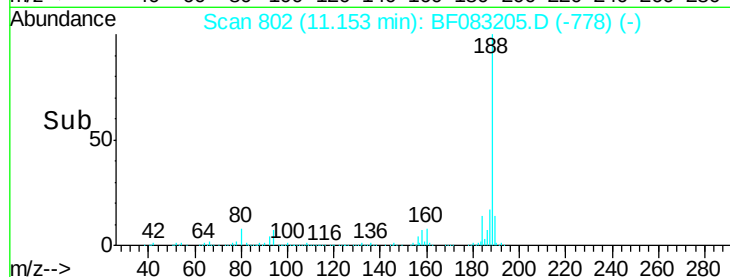
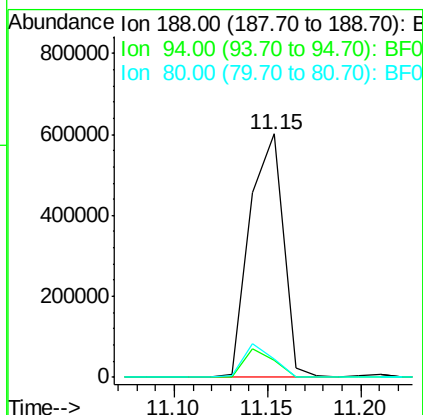
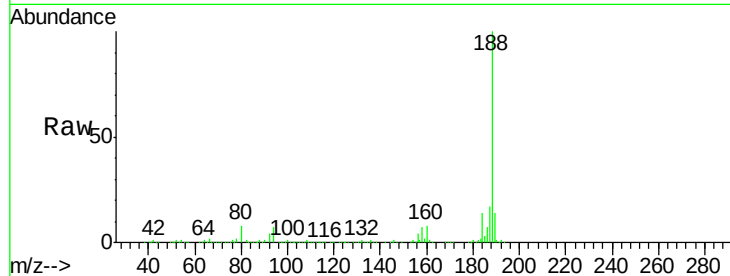




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

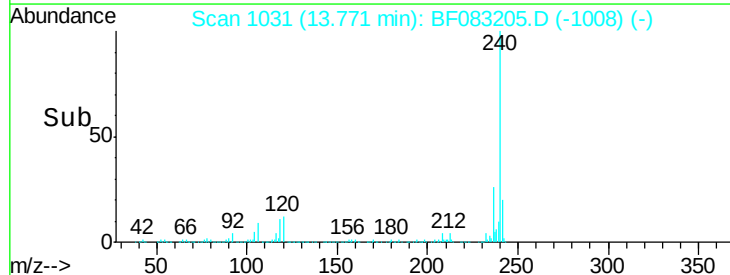
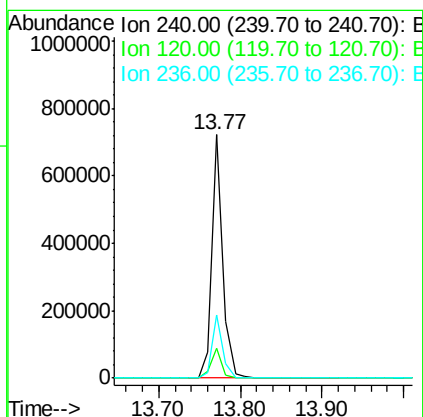
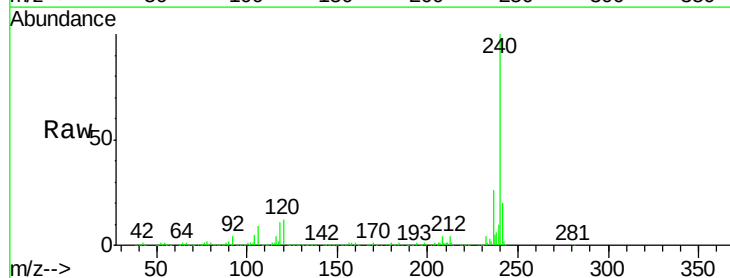
Instrument :
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ClientSampleId :
MW-24

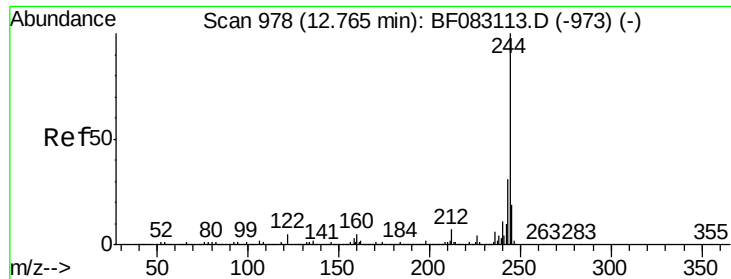
Tot Ion:188 Resp: 750161
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.7 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF083205.D
Acq: 23 Nov 2015 15:36

Tgt Ion:240 Resp: 678155
Ion Ratio Lower Upper
240 100
120 12.3 5.4 8.2#
236 25.9 20.6 31.0

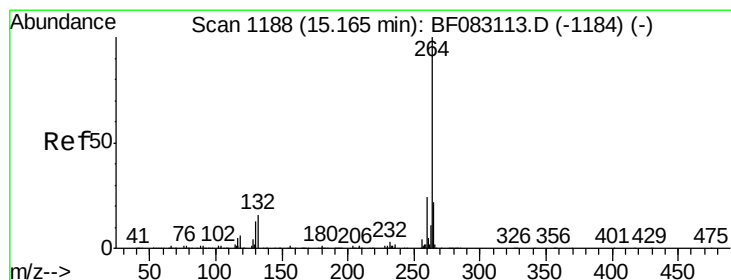
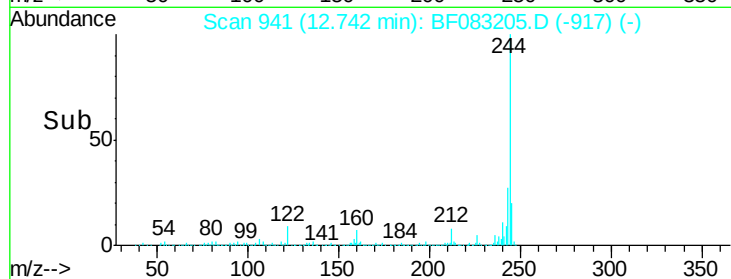
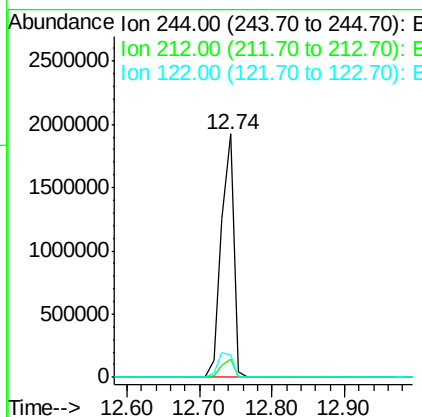
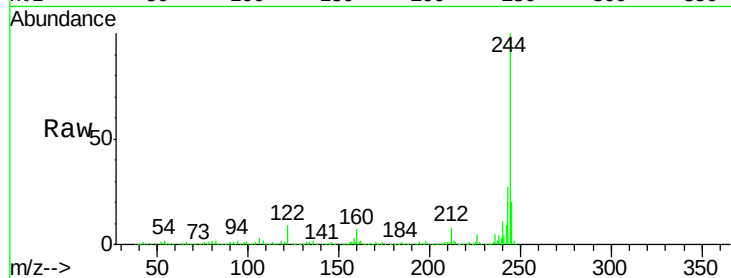




#78
 Terphenyl-d14
 Concen: 80.55 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion:244 Resp: 2319743
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 9.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF083205.D
 Acq: 23 Nov 2015 15:36

Tgt Ion:264 Resp: 562041
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.0 18.2 27.4

