

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083244.D
 Acq On : 24 Nov 2015 18:45
 Operator : UM/IZ
 Sample : G4496-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Quant Time: Nov 25 01:19:05 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	6.60	152	178925	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	688530	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	354167	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	677695	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	600450	20.00	ng	-0.06
86) Perylene-d12	15.11	264	469238	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1470780	124.28	ng	-0.06
7) Phenol-d6	6.28	99	1924932	125.71	ng	-0.06
23) Nitrobenzene-d5	7.19	82	1400643	92.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.43	330	472564	130.42	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	2097508	82.58	ng	-0.05
78) Terphenyl-d14	12.72	244	2290152	89.81	ng	-0.05

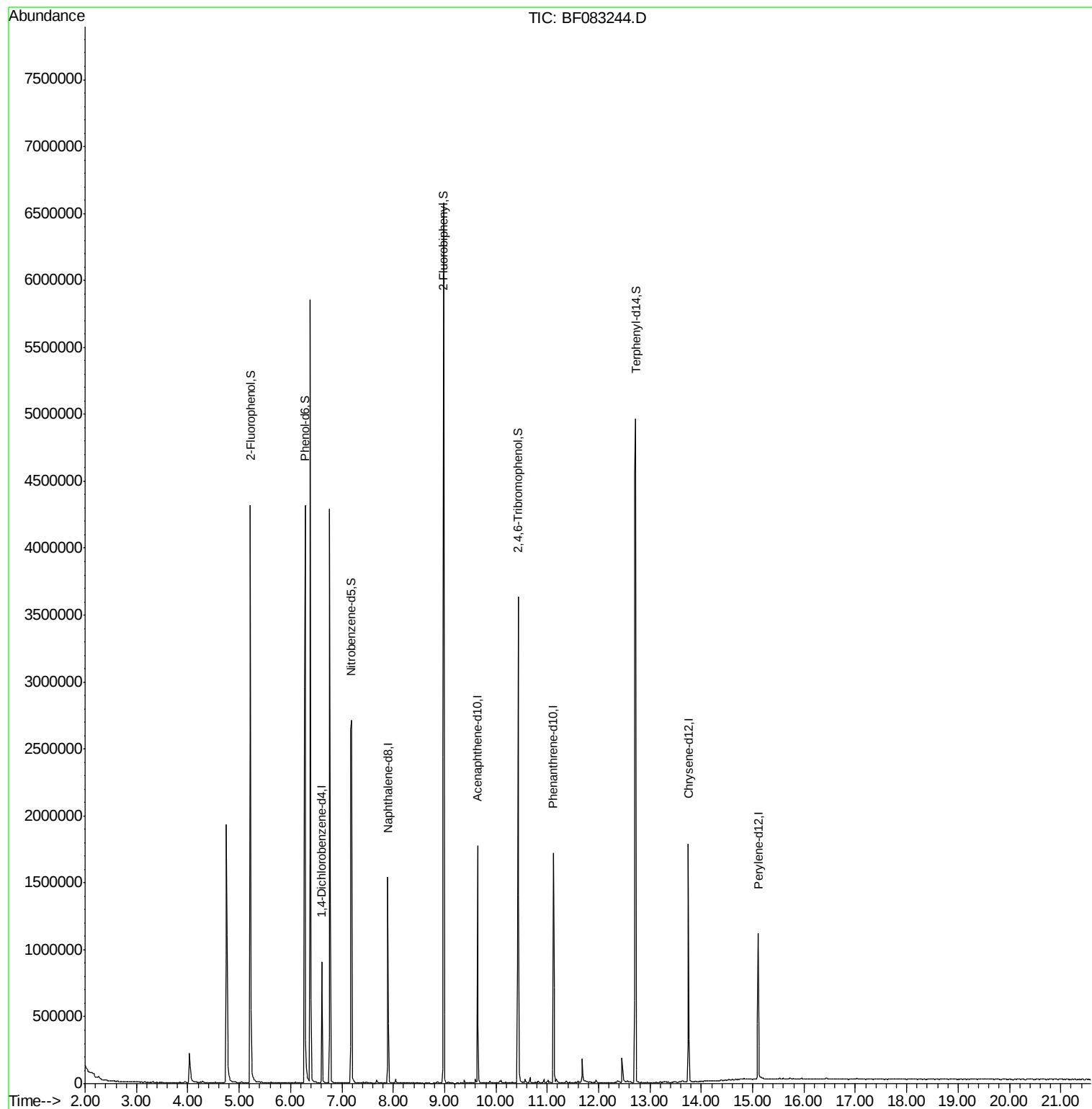
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
A19-COMP

Quant Time: Nov 25 01:19:05 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

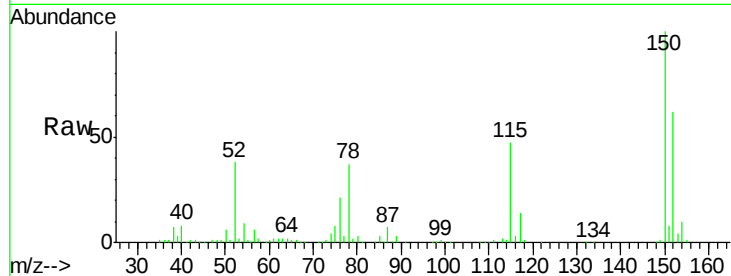




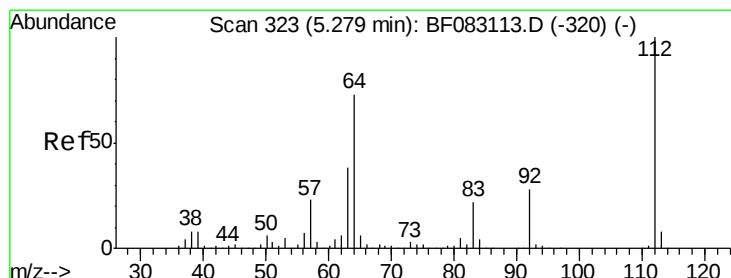
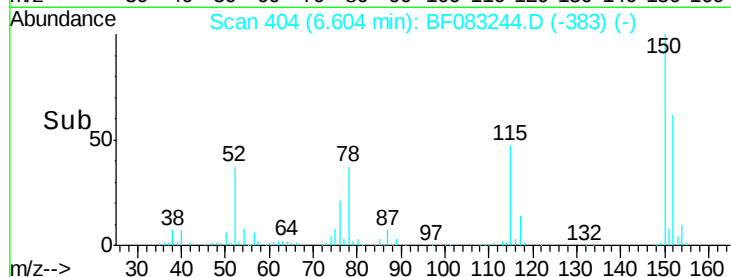
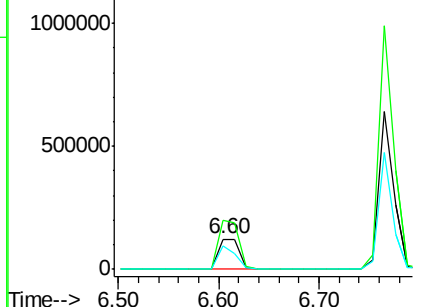
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 404
 Delta R.T. -0.06 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tgt Ion:152 Resp: 178925
 Ion Ratio Lower Upper
 152 100
 150 162.2 125.8 188.8
 115 75.6 46.9 70.3#

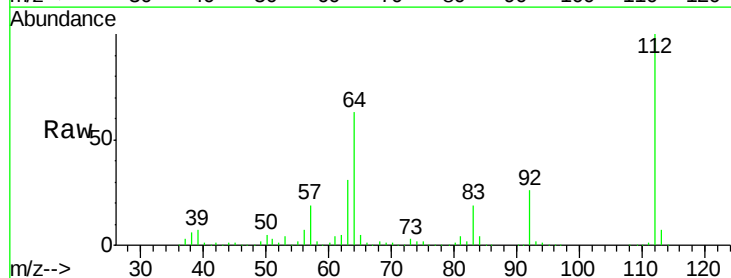


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

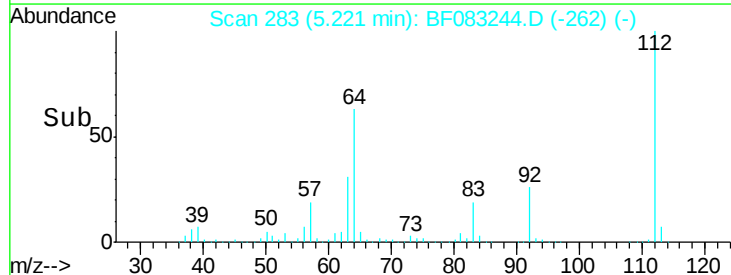
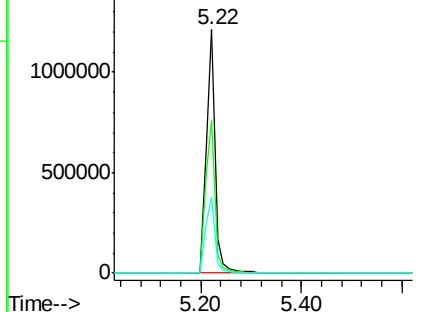


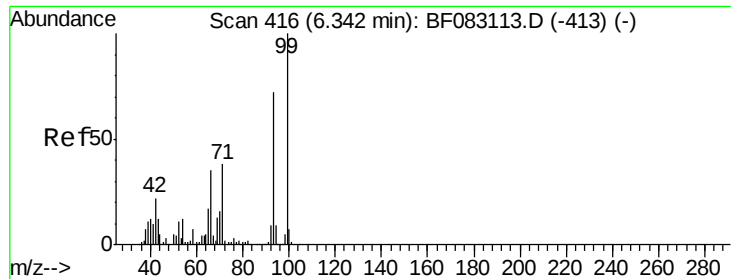
#5
 2-Fluorophenol
 Concen: 124.28 ng
 RT: 5.22 min Scan# 283
 Delta R.T. -0.06 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

Tgt Ion:112 Resp: 1470780
 Ion Ratio Lower Upper
 112 100
 64 62.6 58.4 87.6
 63 31.3 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: 125.71 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083244.D

Acq: 24 Nov 2015 18:45

Instrument :

BNA_F

ClientSampleId :

A19-COMP

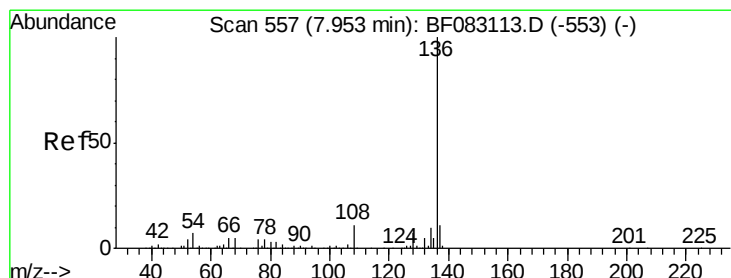
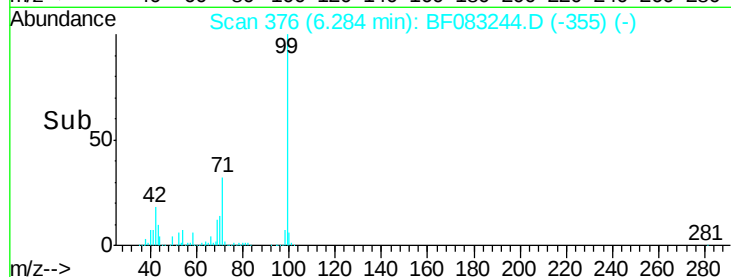
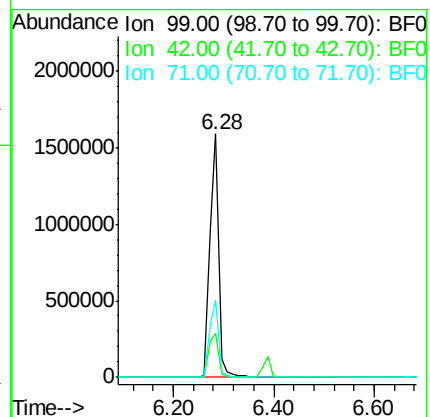
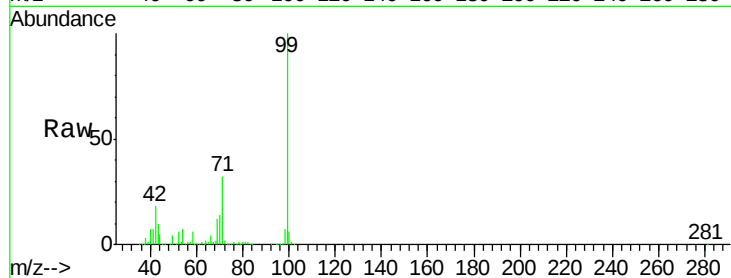
Tgt Ion: 99 Resp: 1924932

Ion Ratio Lower Upper

99 100

42 17.8 17.7 26.5

71 31.6 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083244.D

Acq: 24 Nov 2015 18:45

Tgt Ion: 136 Resp: 688530

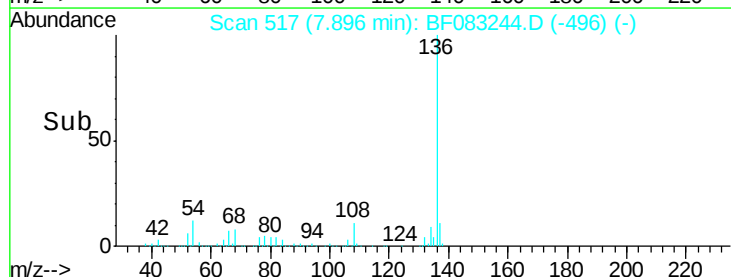
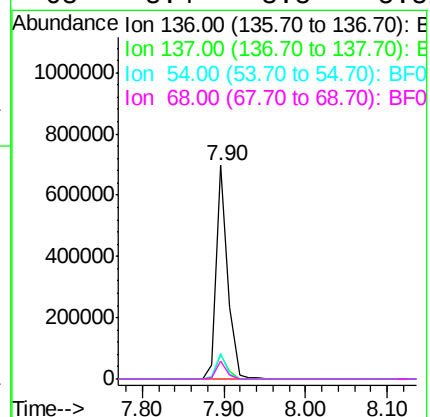
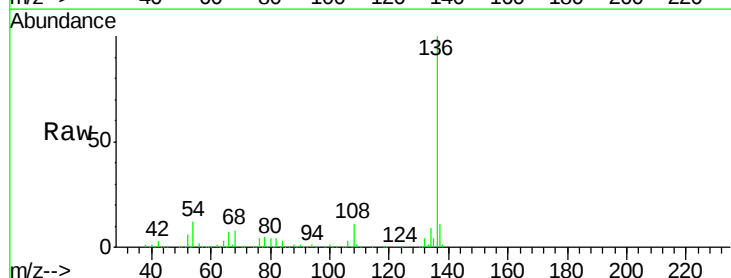
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 12.0 5.8 8.6#

68 8.4 3.8 5.8#

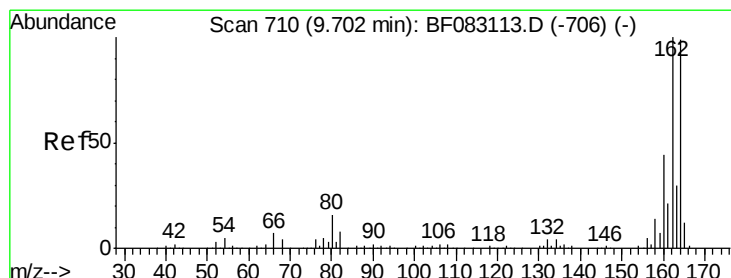
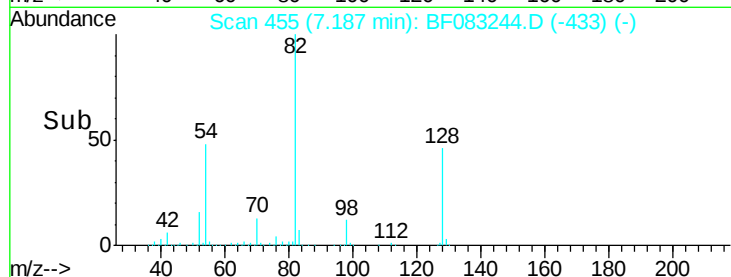
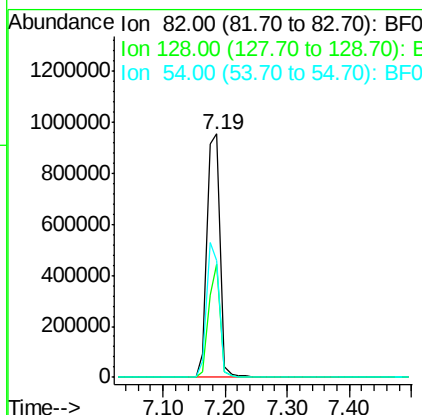
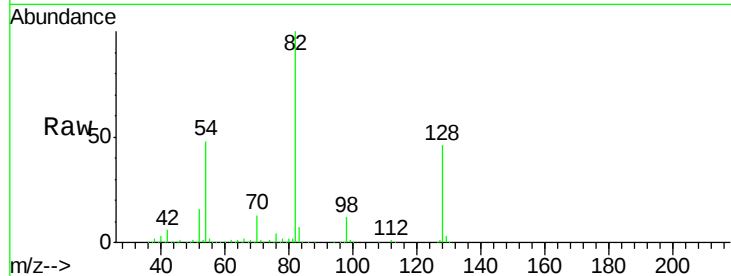




#23
 Nitrobenzene-d5
 Concen: 92.95 ng
 RT: 7.19 min Scan# 455
 Delta R.T. -0.05 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

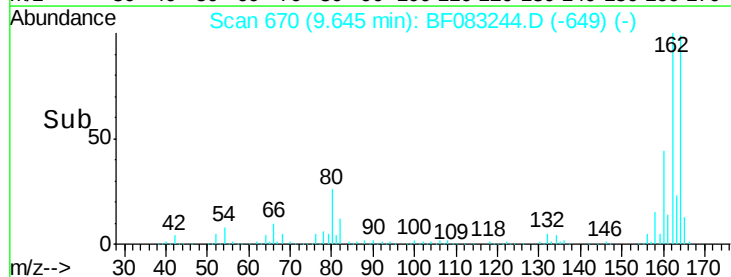
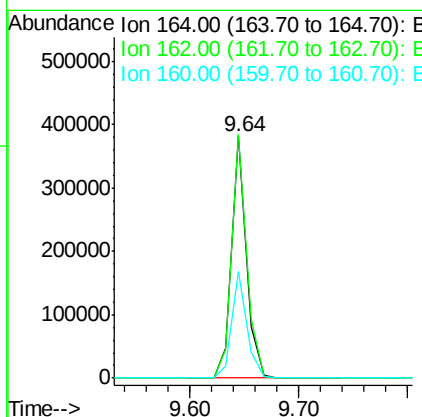
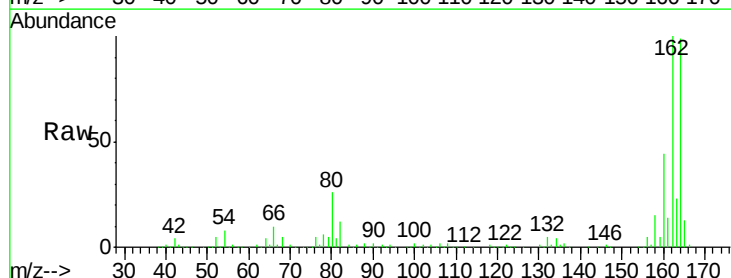
Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

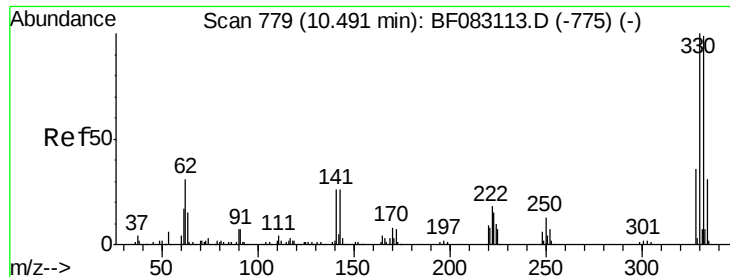
Tgt Ion: 82 Resp: 1400643
 Ion Ratio Lower Upper
 82 100
 128 46.4 28.5 42.7#
 54 47.9 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

Tgt Ion: 164 Resp: 354167
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.2 121.8
 160 44.2 35.6 53.4

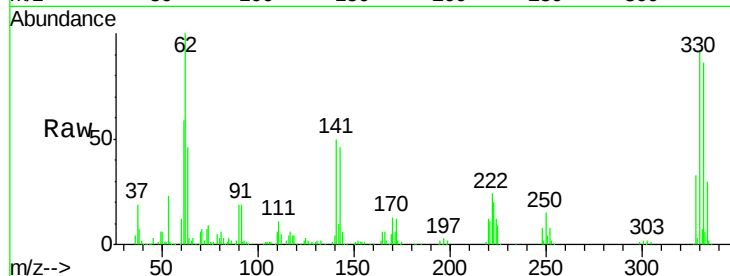




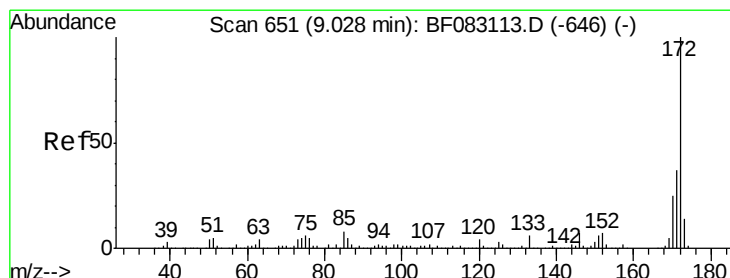
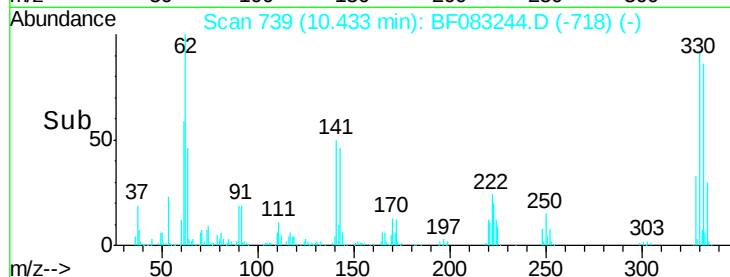
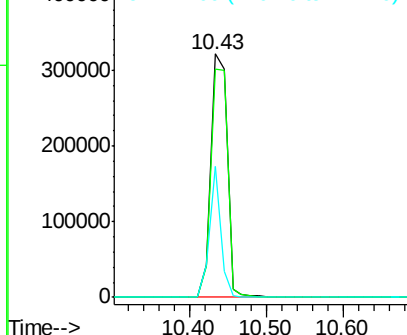
#41
 2,4,6-Tribromophenol
 Concen: 130.42 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tgt Ion:330 Resp: 472564
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.7 116.5
 141 37.3 29.7 44.5

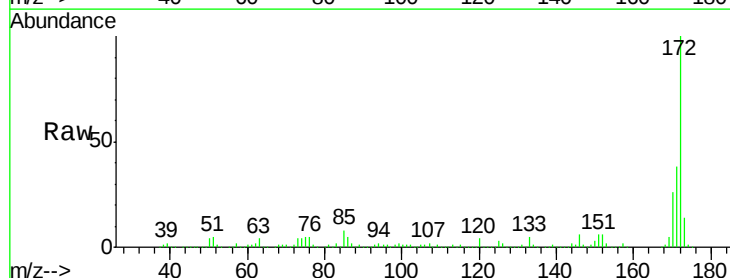


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

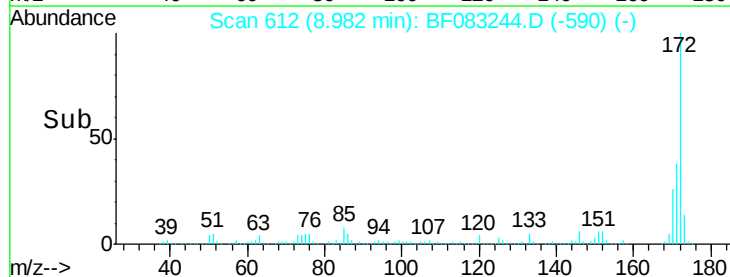
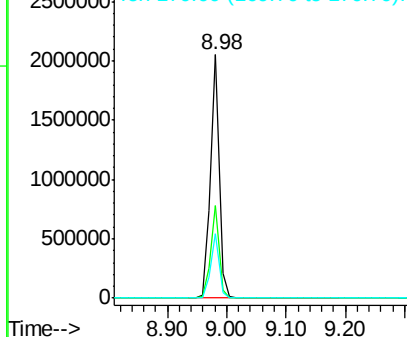


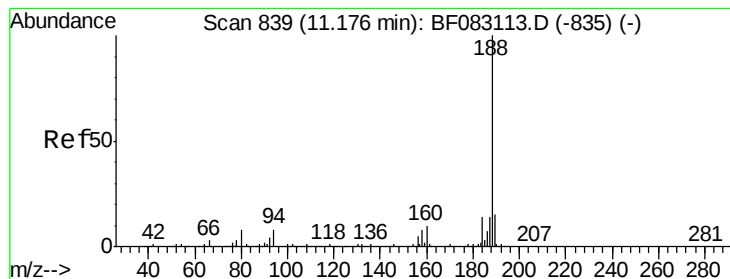
#44
 2-Fluorobiphenyl
 Concen: 82.58 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

Tgt Ion:172 Resp: 2097508
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.5 44.3
 170 26.2 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. -0.06 min

Lab File: BF083244.D

Acq: 24 Nov 2015 18:45

Instrument :

BNA_F

ClientSampleId :

A19-COMP

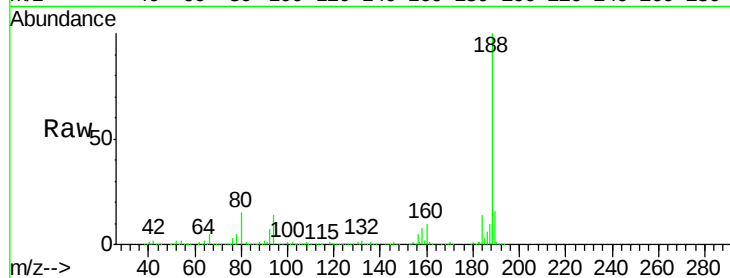
Tgt Ion:188 Resp: 677695

Ion Ratio Lower Upper

188 100

94 13.6 6.0 9.0#

80 15.4 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

800000

600000

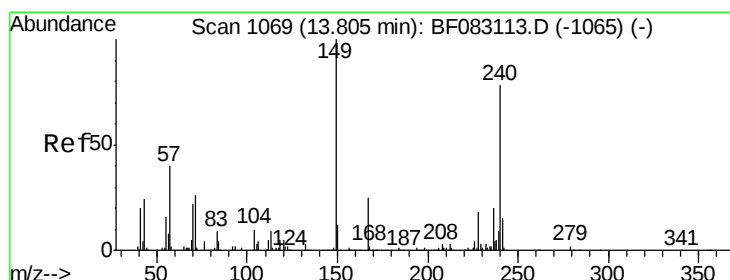
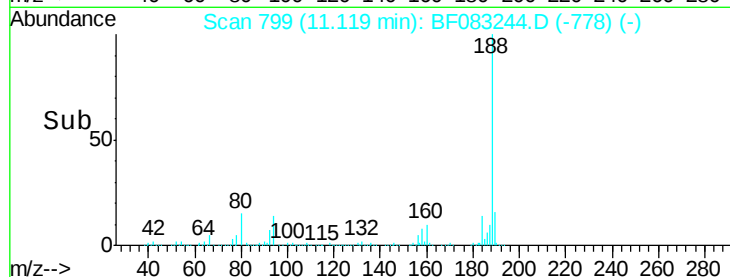
400000

200000

0

11.05 11.10 11.15

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083244.D

Acq: 24 Nov 2015 18:45

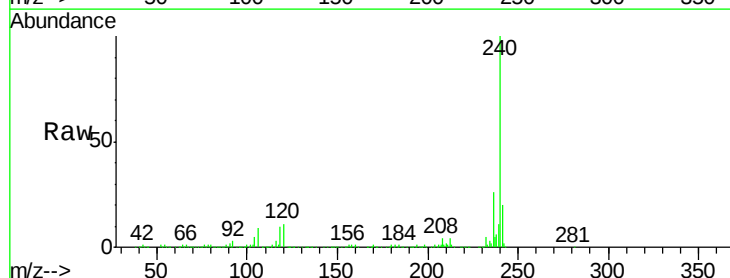
Tgt Ion:240 Resp: 600450

Ion Ratio Lower Upper

240 100

120 11.2 5.4 8.2#

236 26.1 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

800000

600000

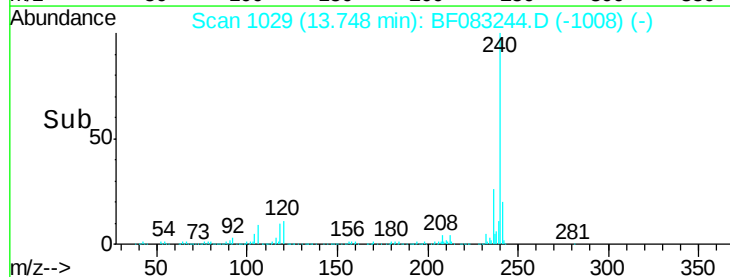
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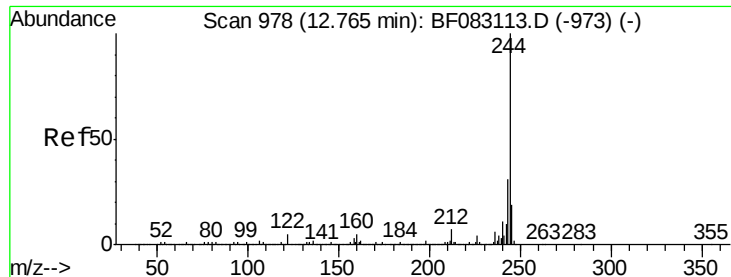
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0

13.70 13.80 13.90

Time-->

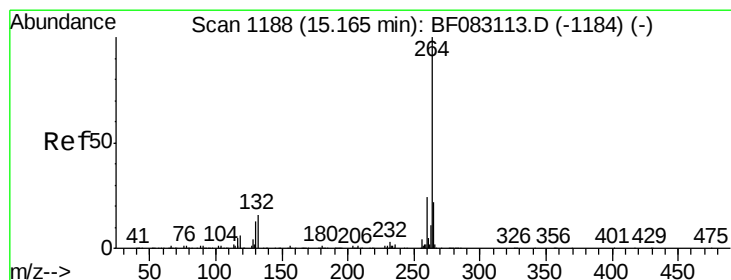
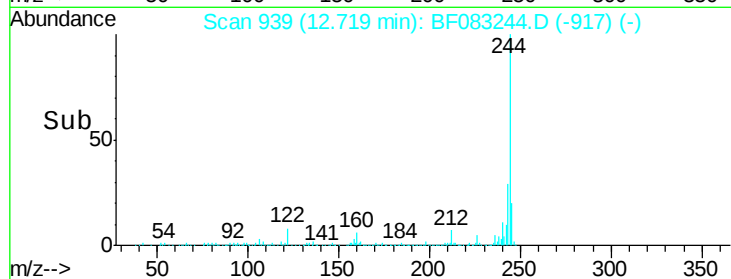
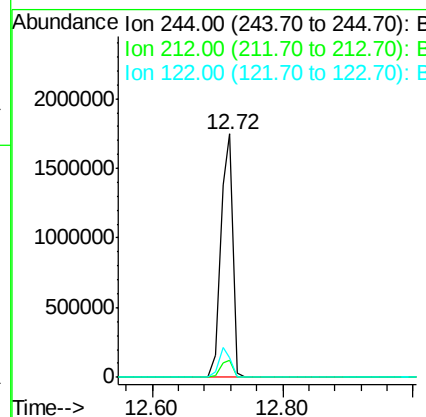
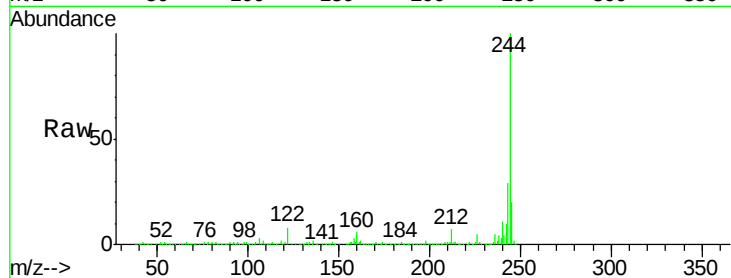




#78
 Terphenyl-d14
 Concen: 89.81 ng
 RT: 12.72 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tgt Ion:244 Resp: 2290152
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083244.D
 Acq: 24 Nov 2015 18:45

Tgt Ion:264 Resp: 469238
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 18.2 27.4

