

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081495.D
 Acq On : 6 Sep 2015 7:09
 Operator : UM/IZ
 Sample : G3557-05
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-090215

Quant Time: Sep 07 05:35:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 04:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55858	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	213770	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	97369	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	183434	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	133768	20.00	ng	-0.01
86) Perylene-d12	14.77	264	100103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	176042	48.90	ng	0.00
7) Phenol-d6	6.02	99	136945	28.74	ng	-0.01
23) Nitrobenzene-d5	6.94	82	390513	88.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	109363	126.14	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	649095	85.43	ng	0.00
78) Terphenyl-d14	12.43	244	514390	89.51	ng	0.00

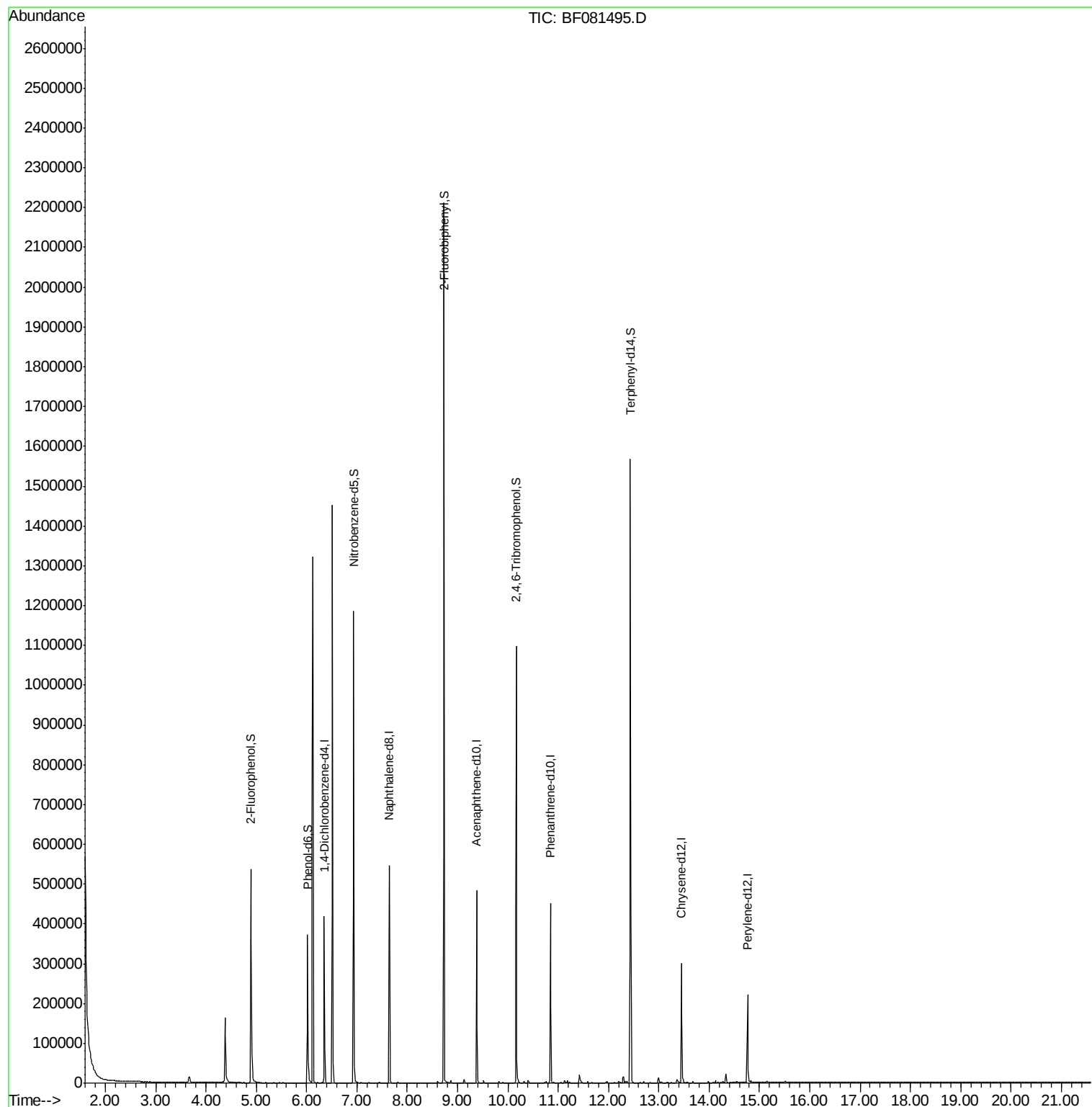
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

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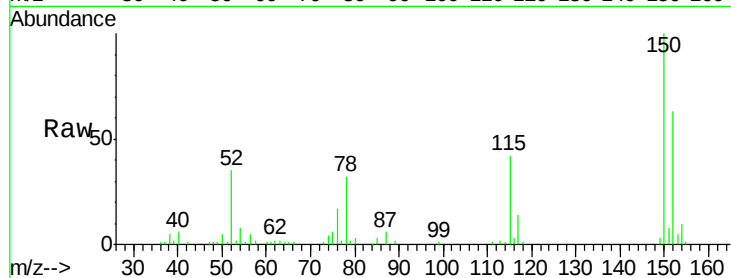
Tgt Ion:152 Resp: 55858

Ion Ratio Lower Upper

152 100

150 158.2 124.7 187.1

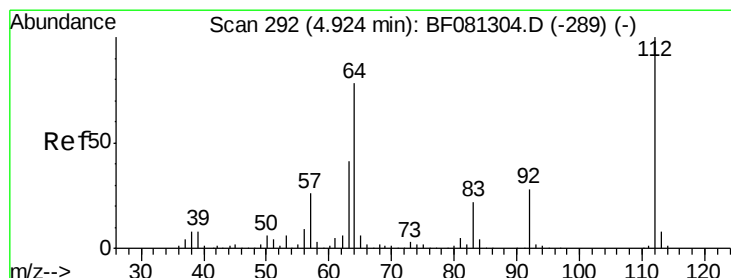
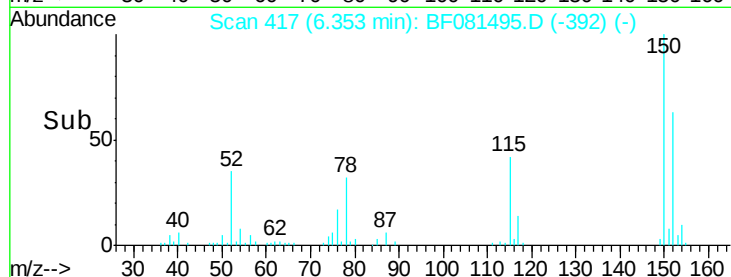
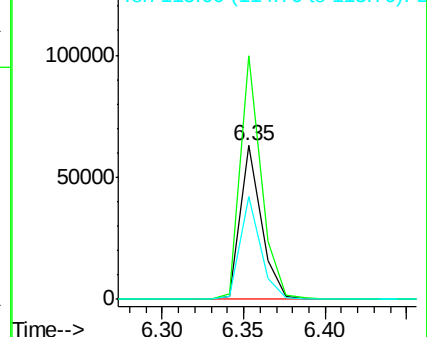
115 67.2 39.0 58.4#



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: 48.90 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

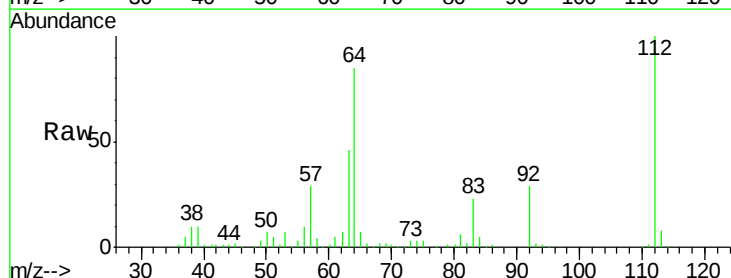
Tgt Ion:112 Resp: 176042

Ion Ratio Lower Upper

112 100

64 85.1 39.7 59.5#

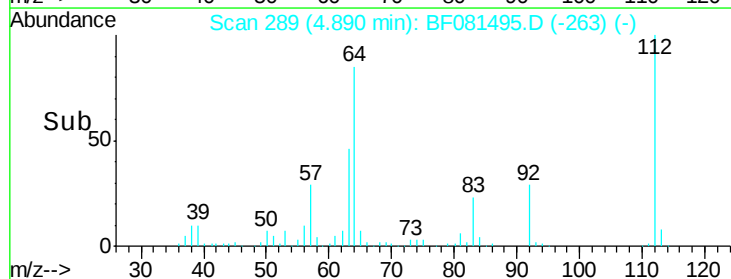
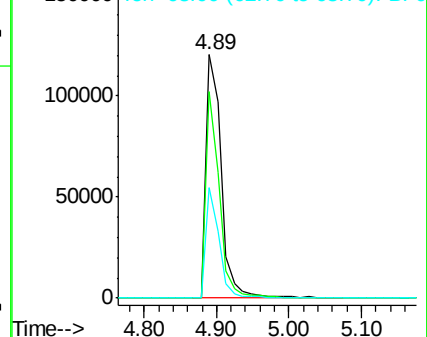
63 45.5 17.4 26.0#



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: 28.74 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

Instrument :

BNA_F

ClientSampleId :

MW-9-090215

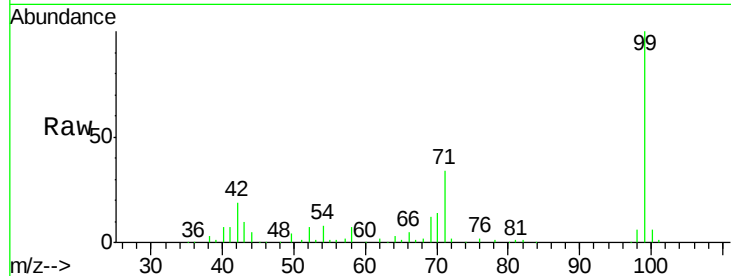
Tgt Ion: 99 Resp: 136945

Ion Ratio Lower Upper

99 100

42 19.1 13.7 20.5

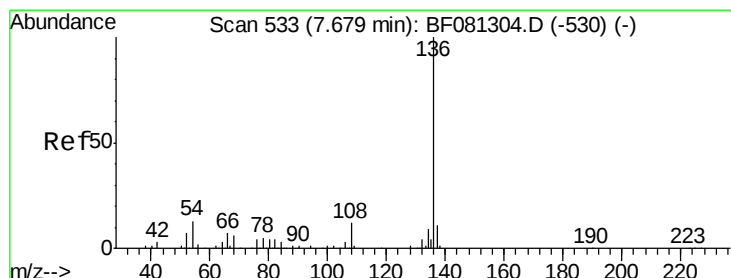
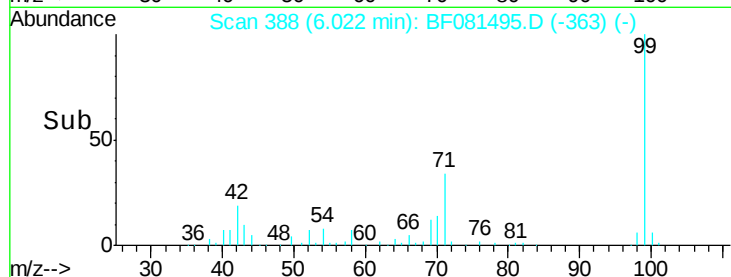
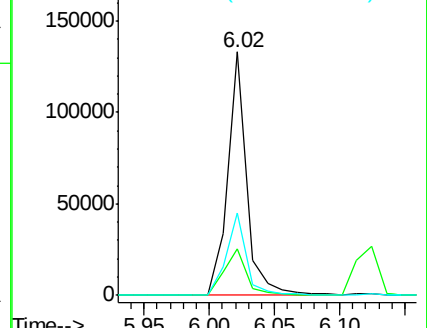
71 33.9 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

Tgt Ion: 136 Resp: 213770

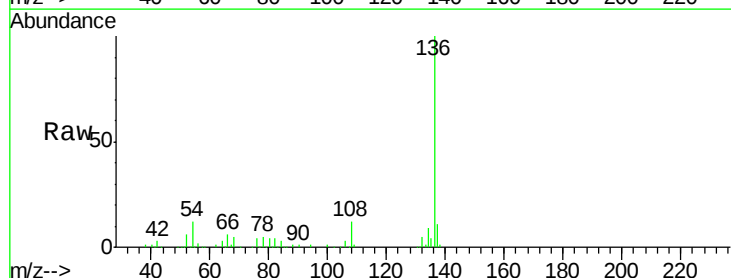
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.9 8.2 12.2

68 5.4 5.8 8.6#

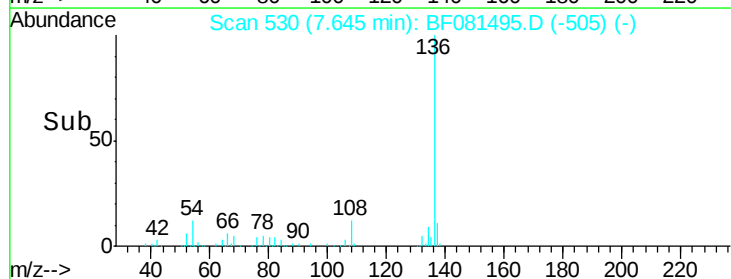
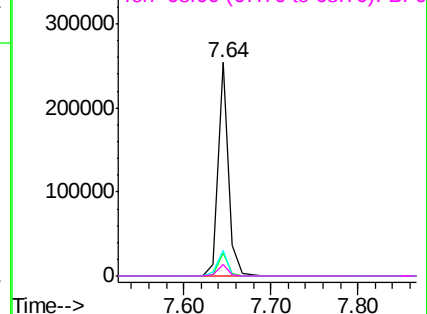


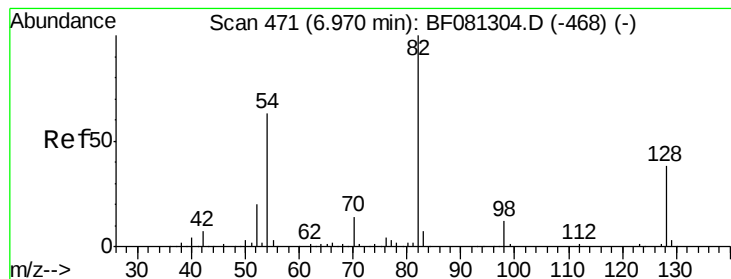
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.14 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

Instrument :

BNA_F

ClientSampleId :

MW-9-090215

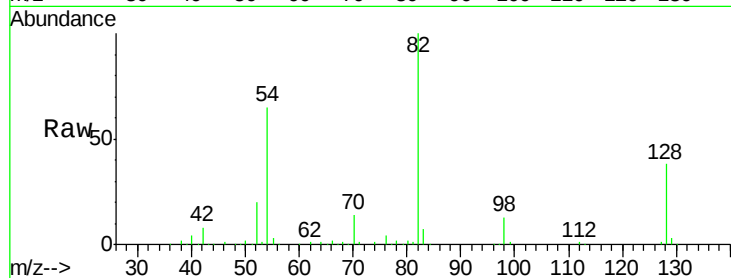
Tgt Ion: 82 Resp: 390513

Ion Ratio Lower Upper

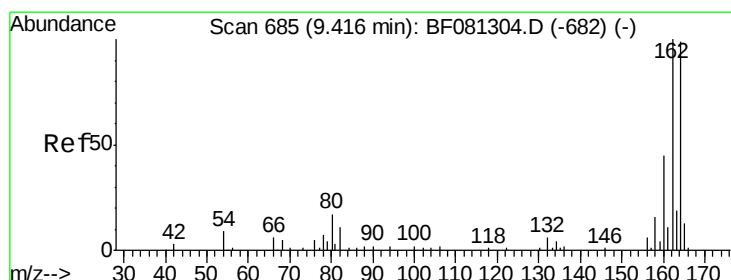
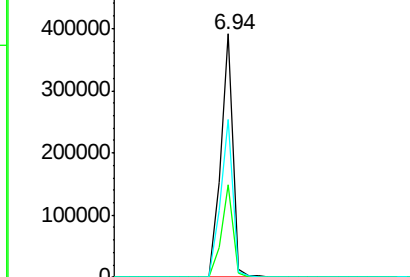
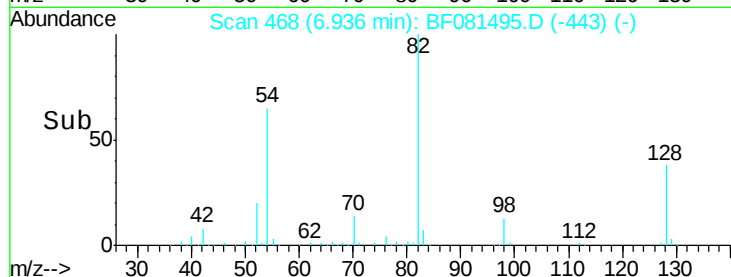
82 100

128 38.2 51.0 76.6#

54 64.6 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

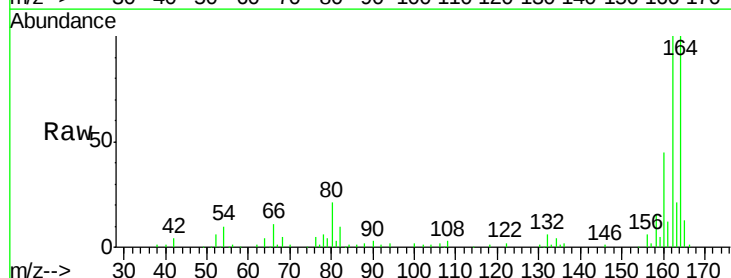
Tgt Ion: 164 Resp: 97369

Ion Ratio Lower Upper

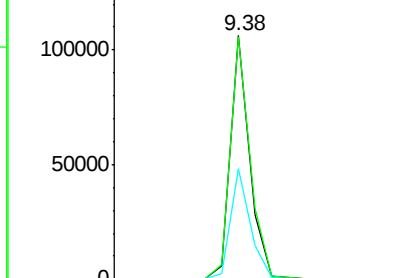
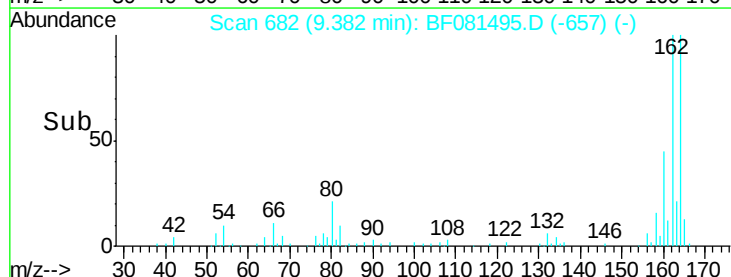
164 100

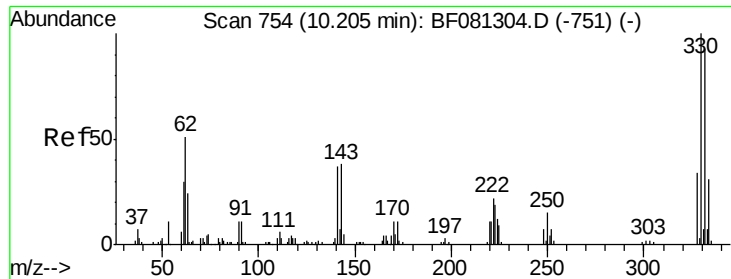
162 99.7 75.2 112.8

160 45.3 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

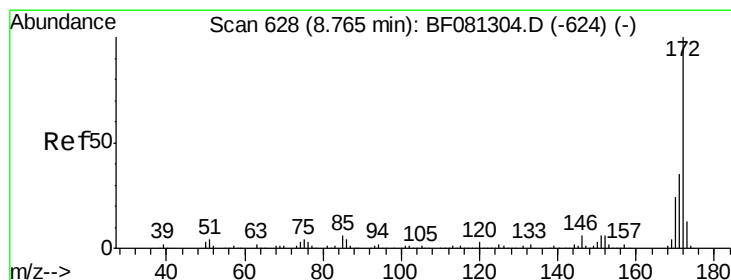
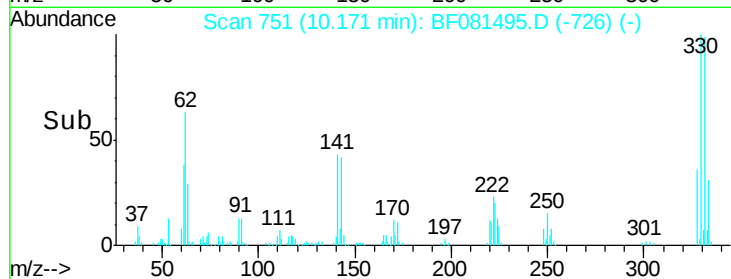
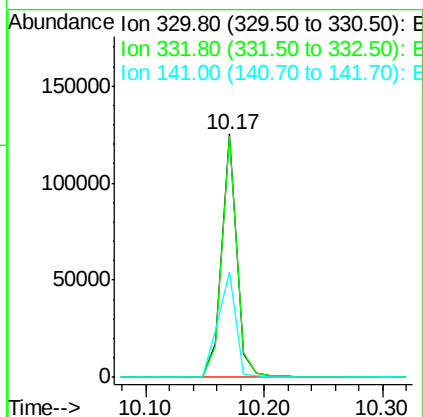
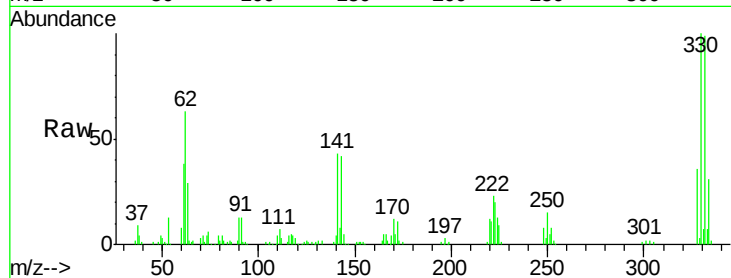




#41
 2,4,6-Tribromophenol
 Concen: 126.14 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

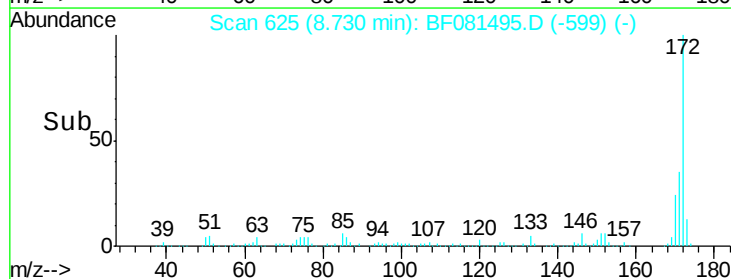
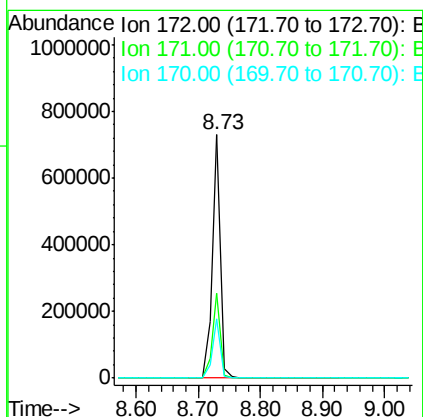
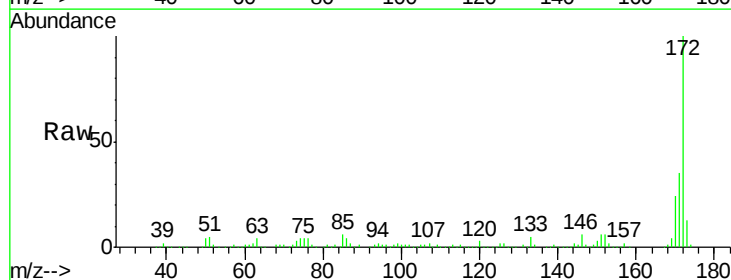
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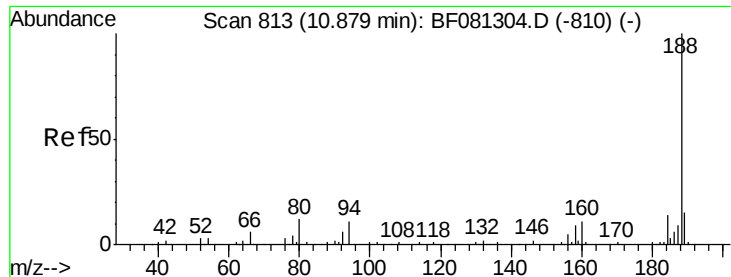
Tgt Ion:330 Resp: 109363
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 114.8
 141 51.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 85.43 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Tgt Ion:172 Resp: 649095
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 24.4 17.4 26.2

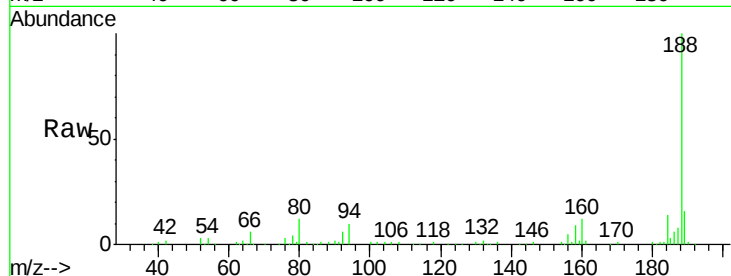




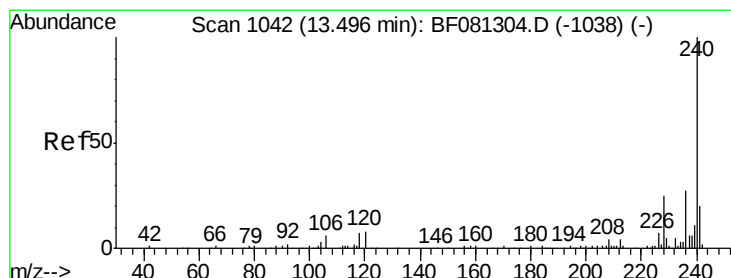
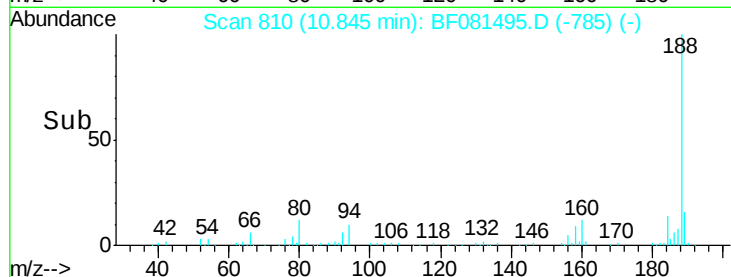
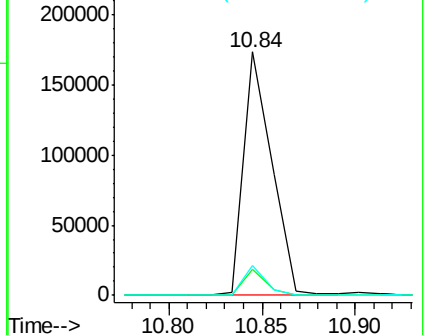
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081495.D
Acq: 6 Sep 2015 7:09

Instrument :
BNA_F
ClientSampleId :
MW-9-090215

Tgt Ion:188 Resp: 183434
Ion Ratio Lower Upper
188 100
94 10.5 11.1 16.7#
80 12.0 11.0 16.4

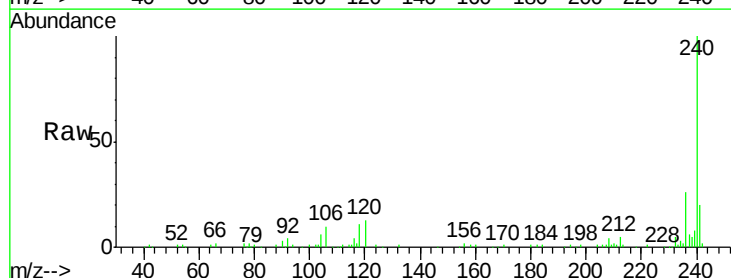


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

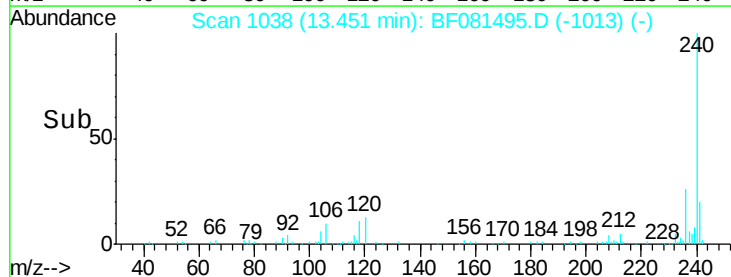
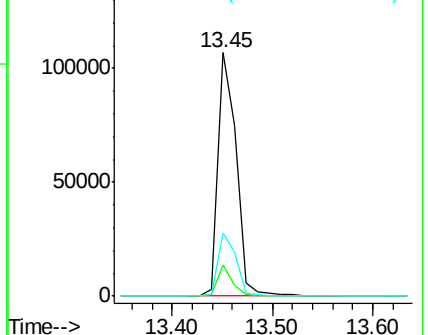


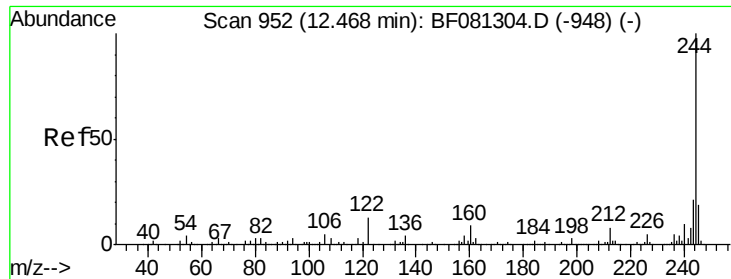
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081495.D
Acq: 6 Sep 2015 7:09

Tgt Ion:240 Resp: 133768
Ion Ratio Lower Upper
240 100
120 12.8 16.2 24.2#
236 25.7 18.4 27.6



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

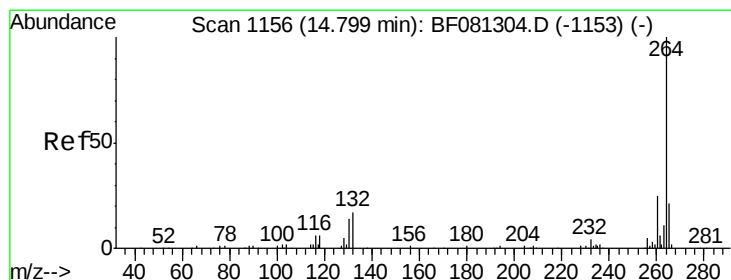
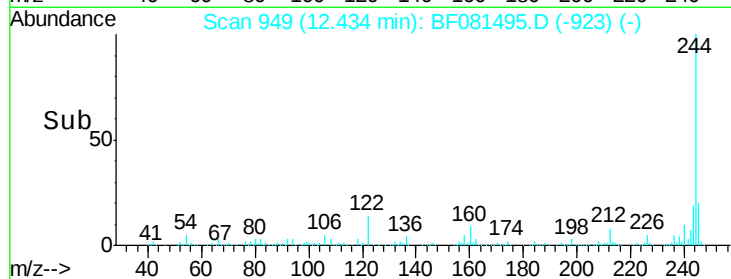
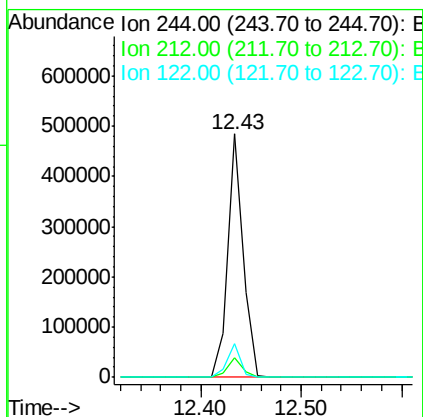
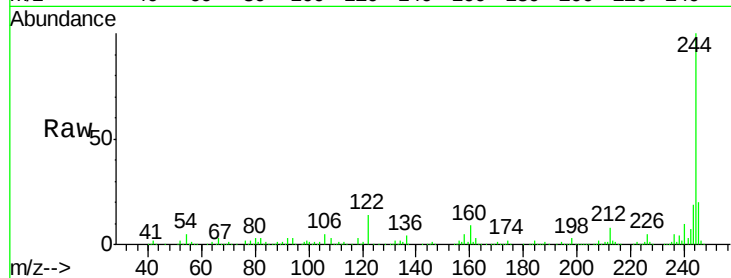




#78
 Terphenyl-d14
 Concen: 89.51 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Instrument :
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Tgt Ion:244 Resp: 514390
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Tgt Ion:264 Resp: 100103
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.2 17.2 25.8

