

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091851.D
 Acq On : 21 Dec 2016 23:24
 Operator : UM/SJ
 Sample : PB95527BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BL

Quant Time: Dec 22 03:39:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	270303	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1141346	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	575373	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1018477	20.00	ng	0.00
75) Chrysene-d12	13.89	240	835674	20.00	ng	-0.01
86) Perylene-d12	15.29	264	721951	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2218500	137.04	ng	0.02
7) Phenol-d6	6.40	99	2243280	113.50	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1490061	72.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	610598	128.23	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2711682	98.63	ng	0.00
78) Terphenyl-d14	12.85	244	2191880	63.61	ng	0.00

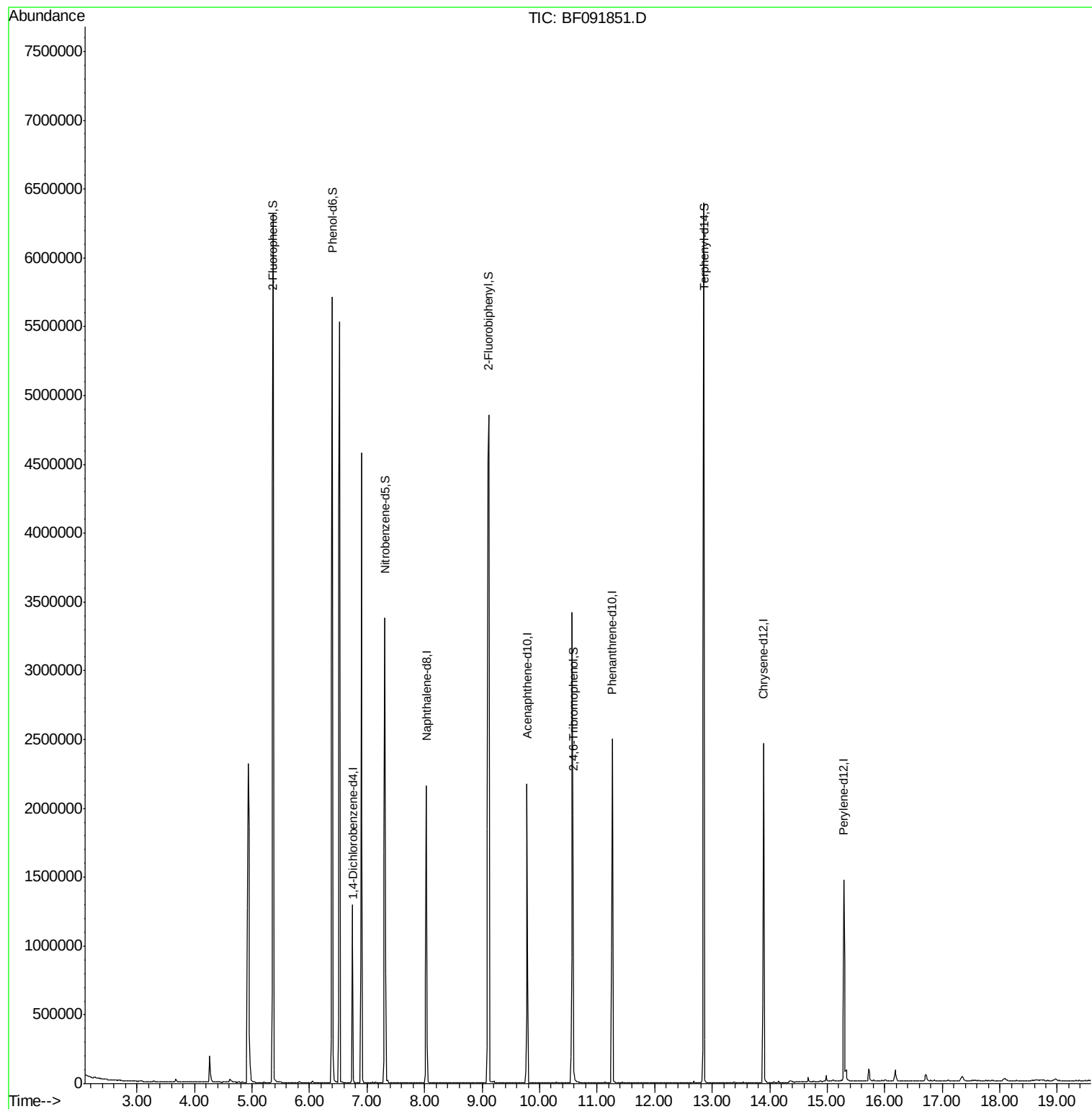
Target Compounds Qvalue

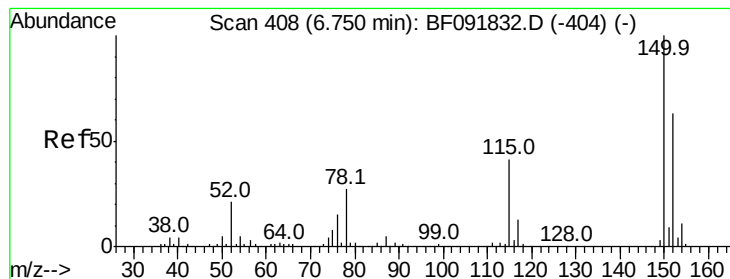
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091851.D

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Instrument :

BNA_F

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PB95527BL

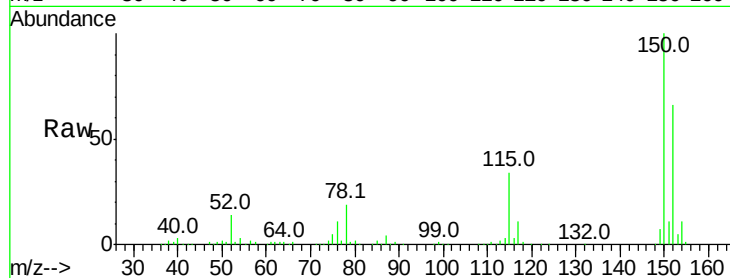
Tot Ion:152 Resp: 270303

Ion Ratio Lower Upper

152 100

150 151.5 124.9 187.3

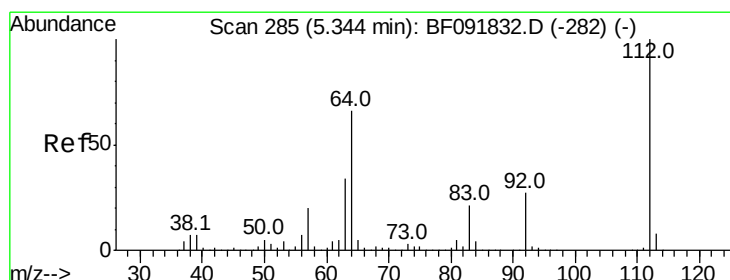
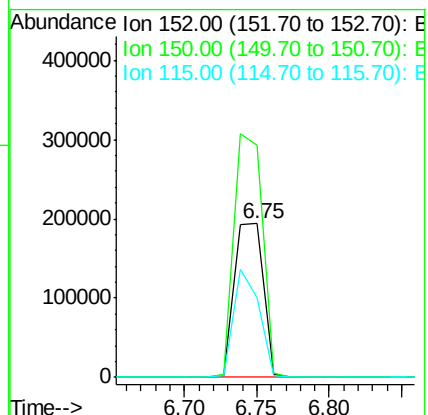
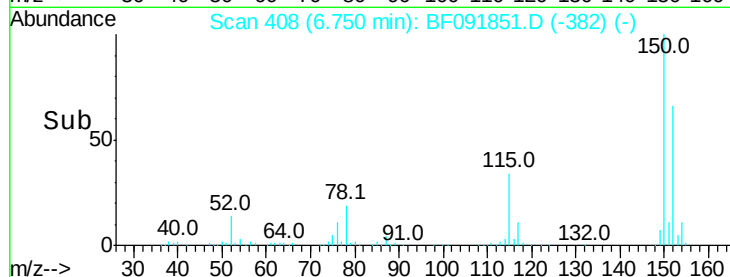
115 52.2 46.0 69.0



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: 137.04 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

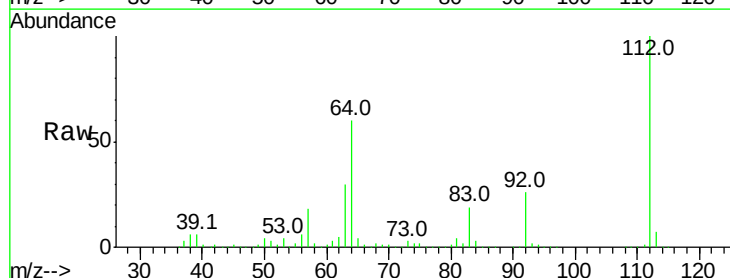
Tgt Ion:112 Resp: 2218500

Ion Ratio Lower Upper

112 100

64 59.6 46.1 69.1

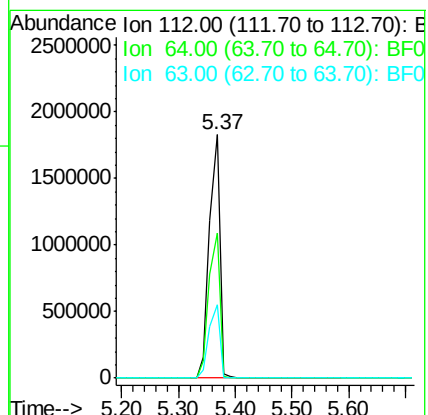
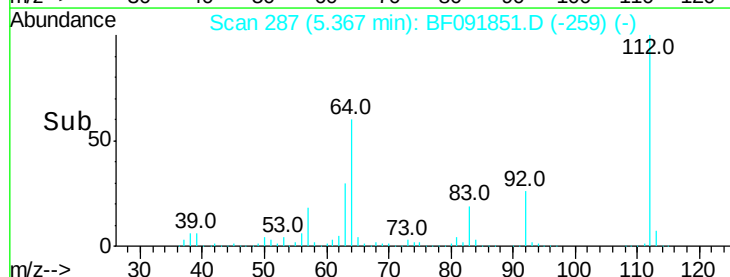
63 30.4 23.8 35.6

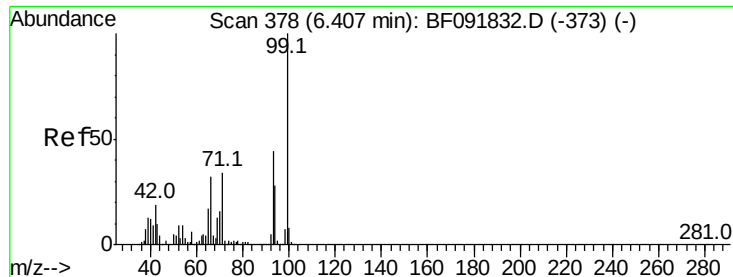


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.50 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

Instrument :

BNA_F

ClientSampleId :

PB95527BL

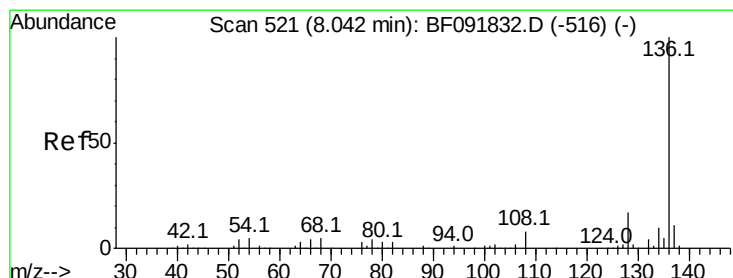
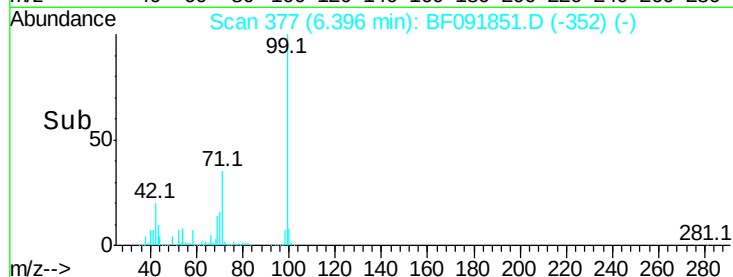
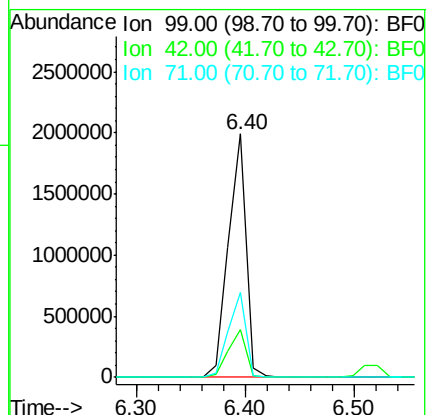
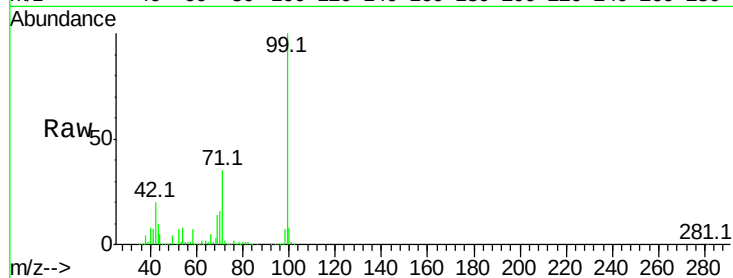
Tot Ion: 99 Resp: 2243280

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 34.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

Tgt Ion: 136 Resp: 1141346

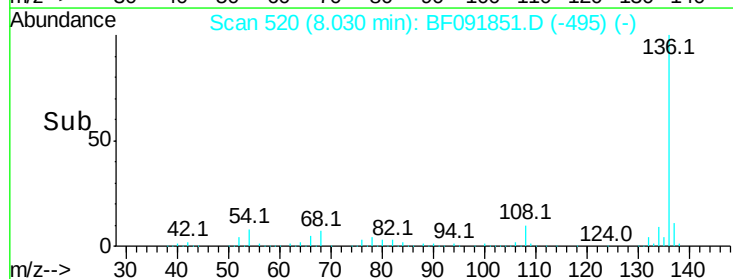
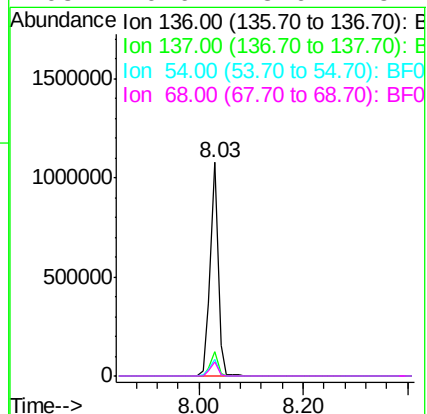
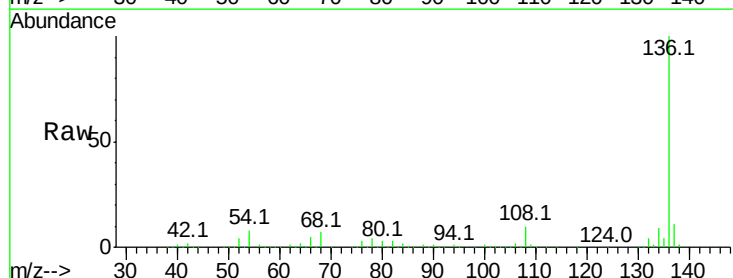
Ion Ratio Lower Upper

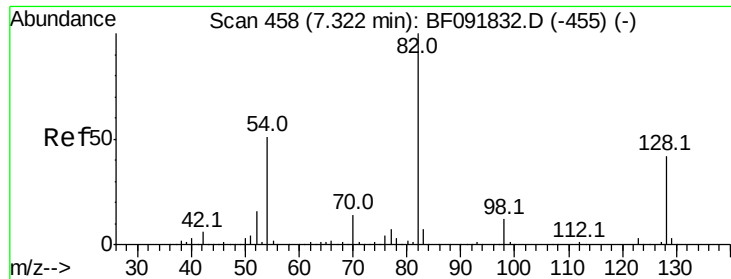
136 100

137 11.3 8.4 12.6

54 8.0 4.5 6.7#

68 6.6 3.6 5.4#

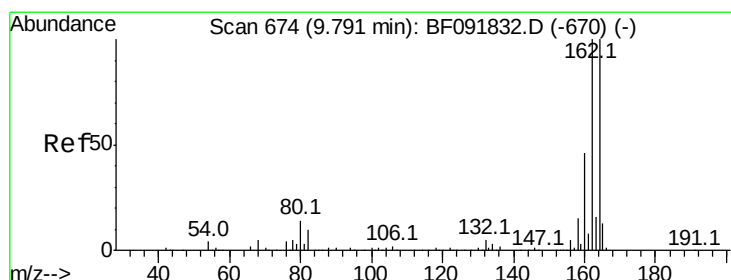
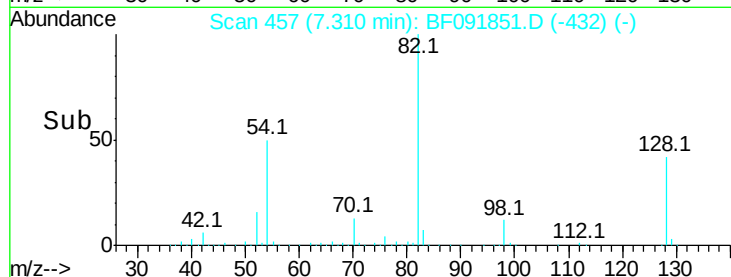
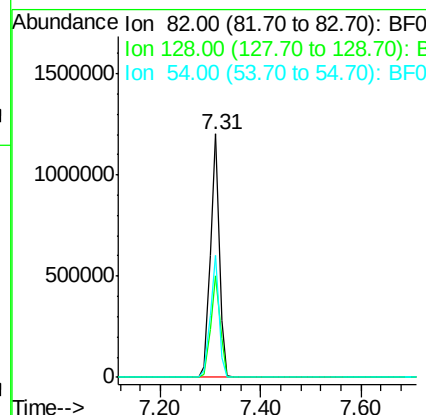
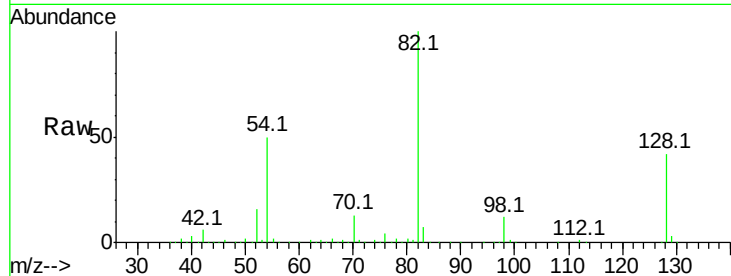




#23
 Nitrobenzene-d5
 Concen: 72.60 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

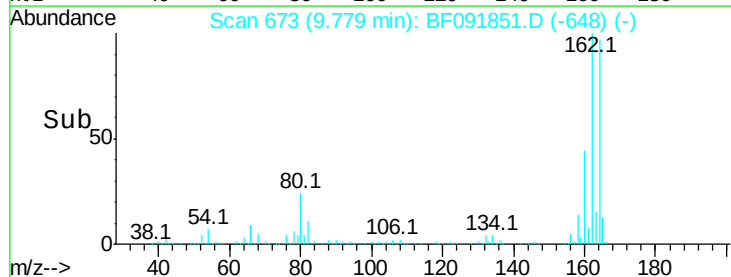
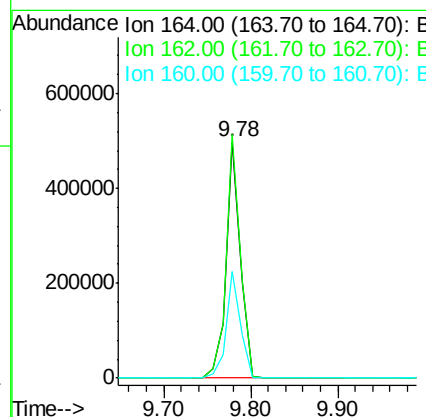
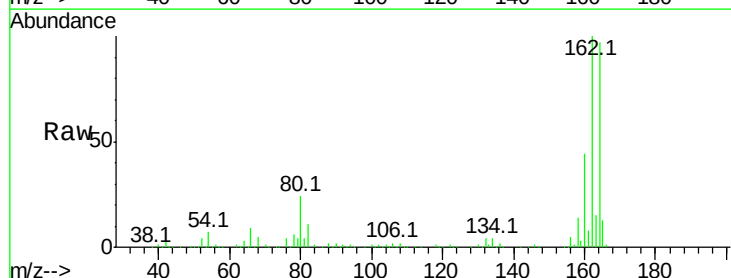
Instrument :
 BNA_F
 ClientSampleId :
 PB95527BL

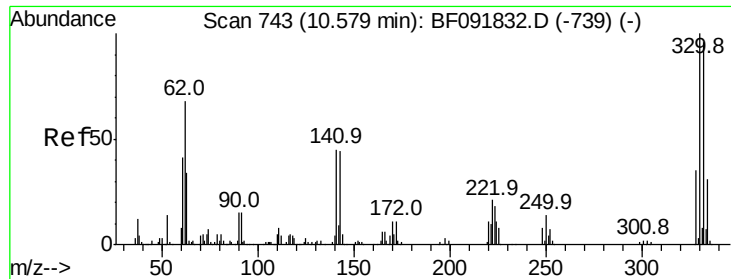
Tot Ion: 82 Resp: 1490061
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 49.9 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Tgt Ion:164 Resp: 575373
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.2 120.2
 160 45.2 36.9 55.3

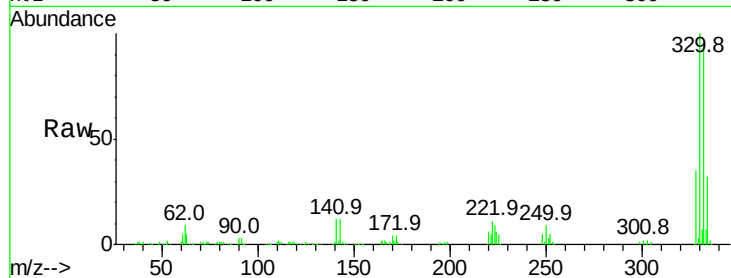




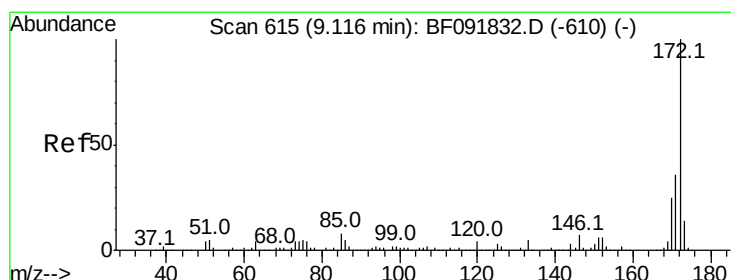
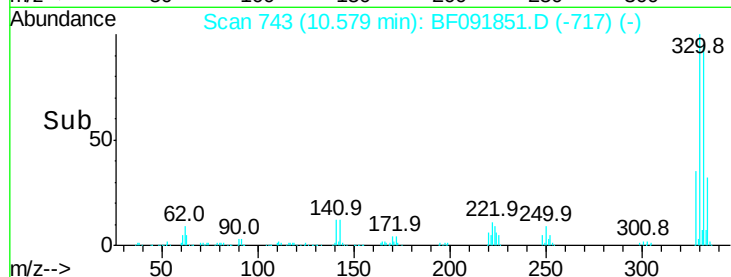
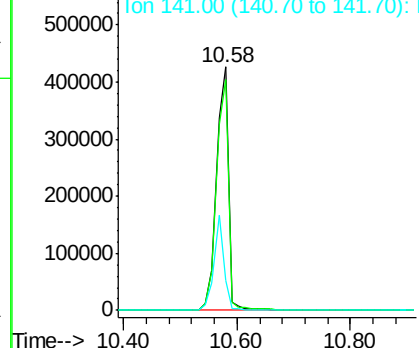
#41
 2,4,6-Tribromophenol
 Concen: 128.23 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BL

Tot Ion:330 Resp: 610598
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 32.6 34.1 51.1#

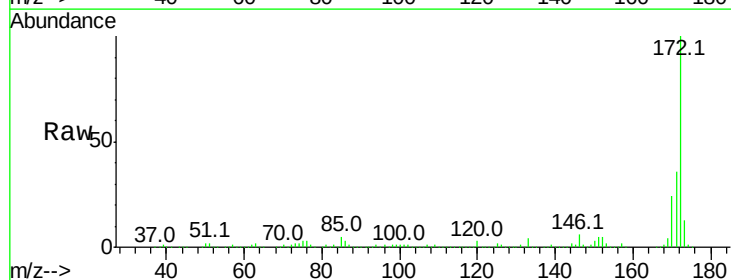


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

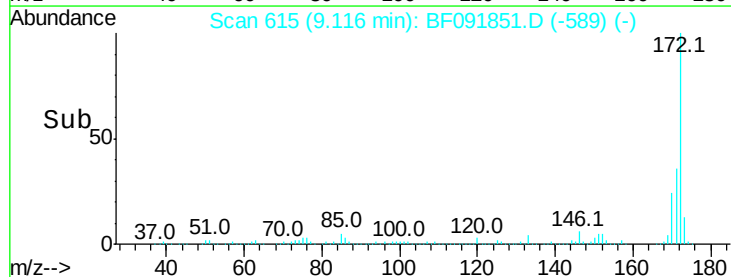
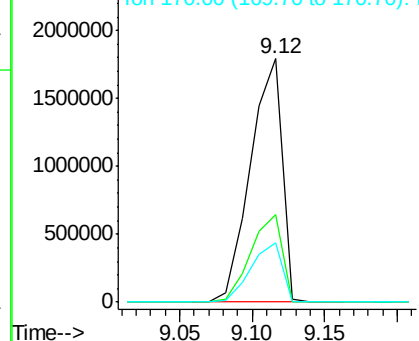


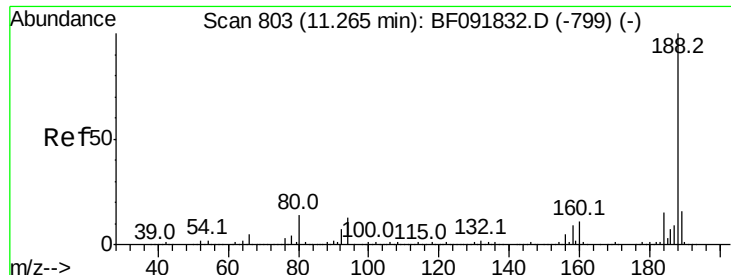
#44
 2-Fluorobiphenyl
 Concen: 98.63 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Tgt Ion:172 Resp: 2711682
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 20.2 30.4



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

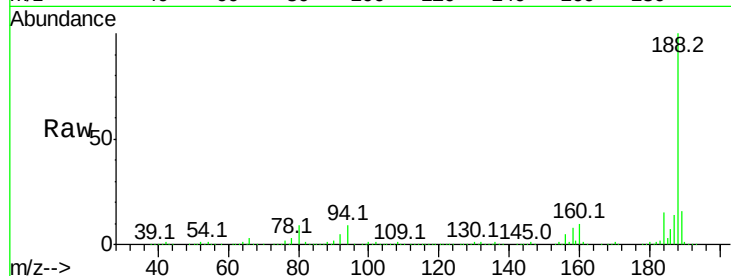




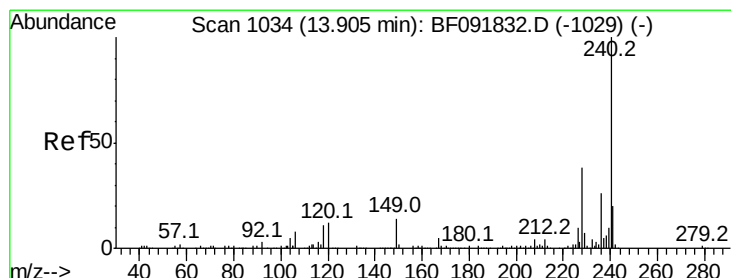
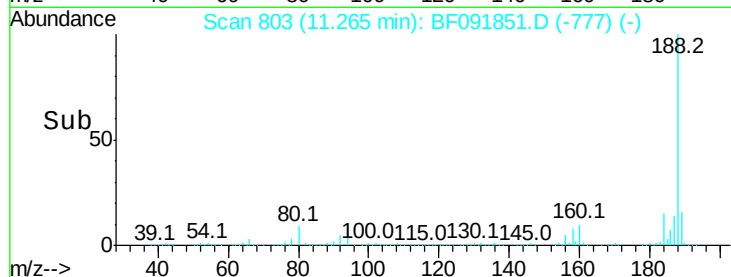
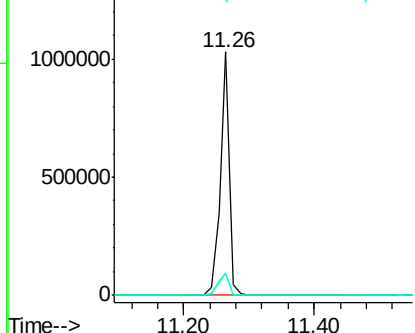
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Instrument :
BNA_F
ClientSampleId :
PB95527BL

Tot Ion:188 Resp: 1018477
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.2 11.2 16.8#

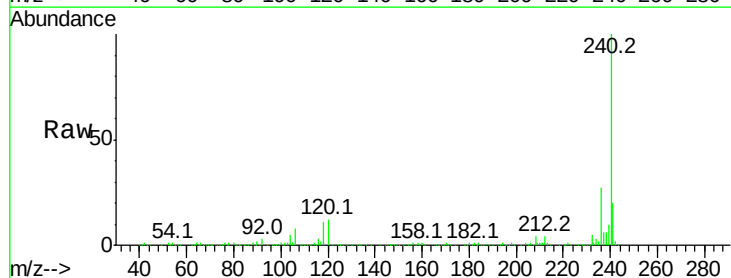


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

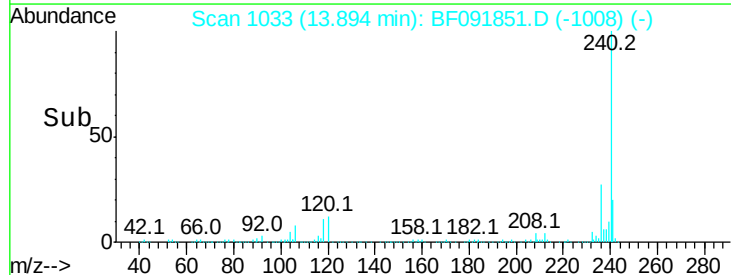
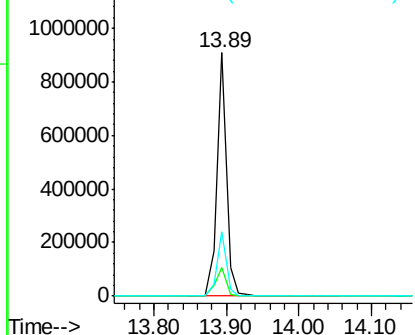


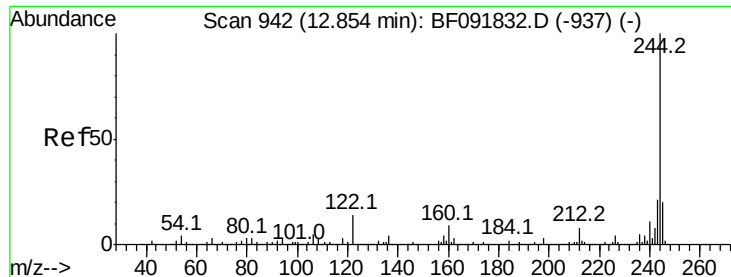
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion:240 Resp: 835674
Ion Ratio Lower Upper
240 100
120 12.0 12.9 19.3#
236 26.5 20.9 31.3



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

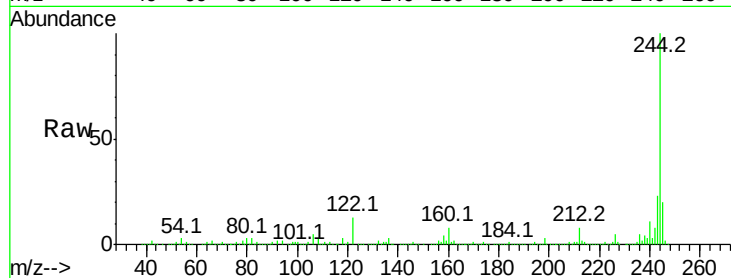




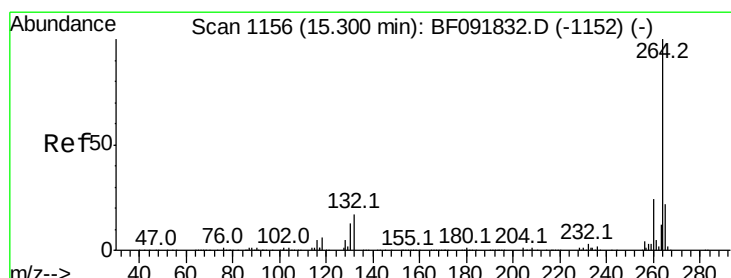
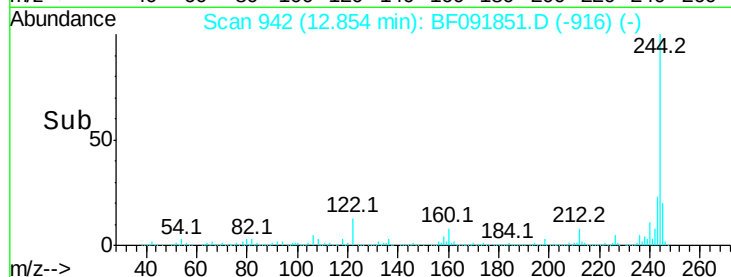
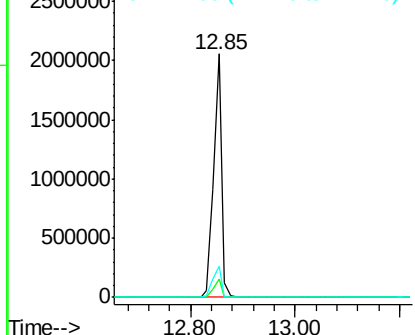
#78
 Terphenyl-d14
 Concen: 63.61 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Instrument :
 BNA_F
 ClientSampled :
 PB95527BL

Tot Ion:244 Resp: 2191880
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.8 11.4 17.2

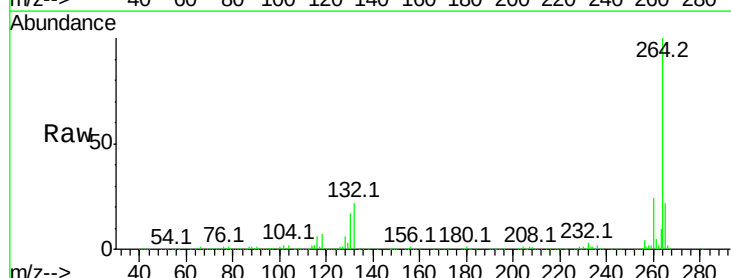


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Tgt Ion:264 Resp: 721951
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 17.4 26.0



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

