

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091943.D
 Acq On : 24 Dec 2016 1:30
 Operator : UM/SJ
 Sample : PB95595BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BL

Quant Time: Dec 24 03:31:26 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	6.74	152	185951	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	710991	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	359591	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	543151	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	359261	20.00	ng	-0.02
86) Perylene-d12	15.28	264	345588	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1316128	118.18	ng	0.03
7) Phenol-d6	6.42	99	1821255	133.95	ng	0.01
23) Nitrobenzene-d5	7.31	82	1235107	96.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	330329	111.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1924126	114.04	ng	-0.01
78) Terphenyl-d14	12.84	244	1328544	89.69	ng	-0.01

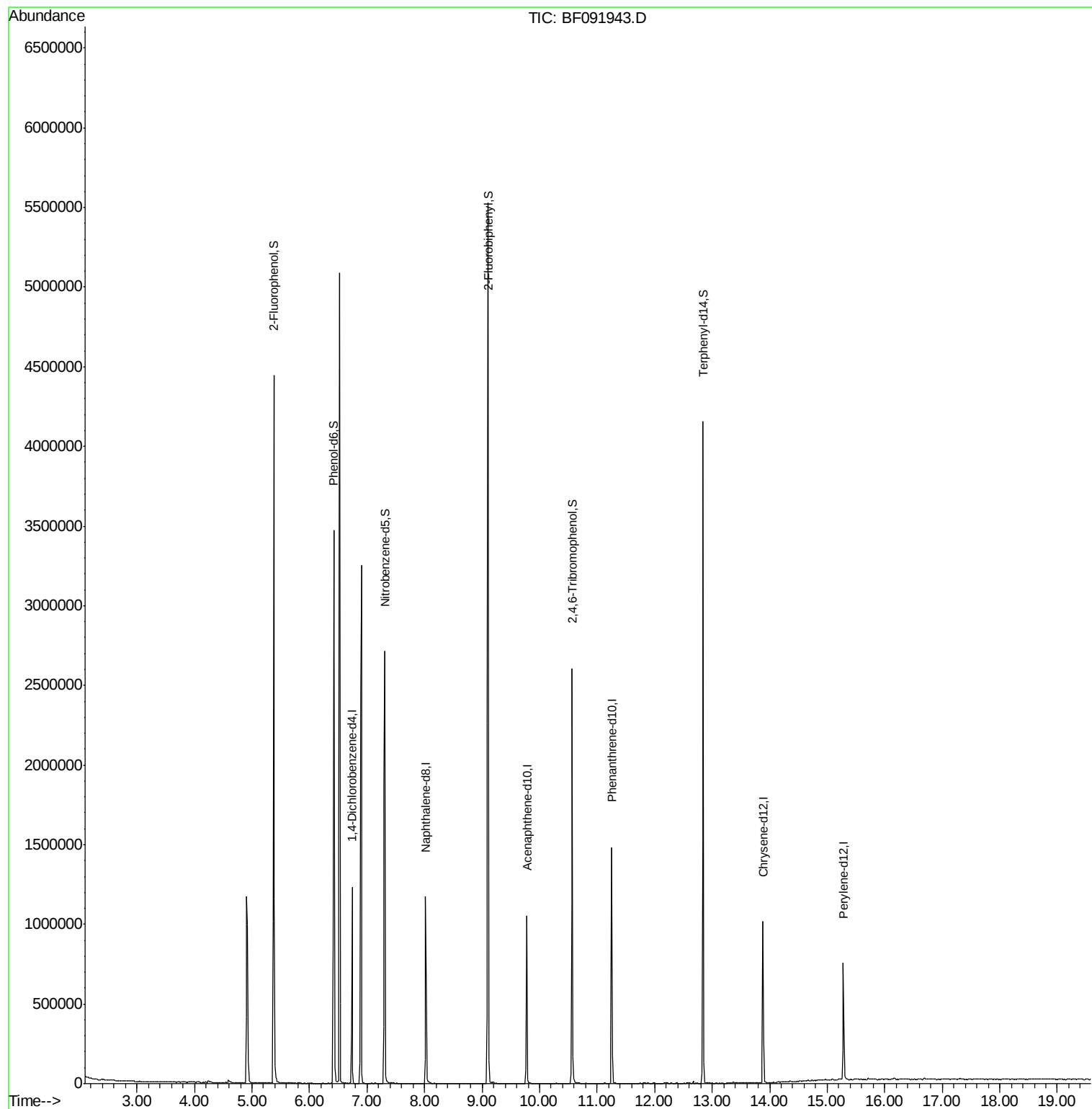
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95595BL

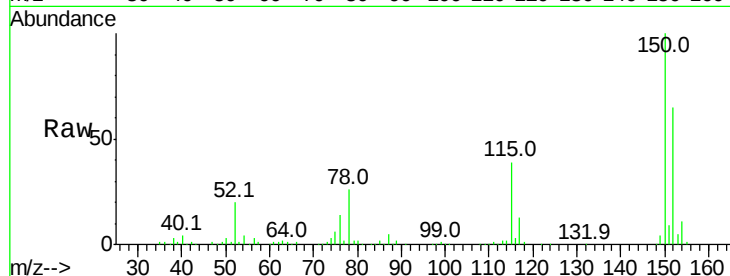
Tot Ion:152 Resp: 185951

Ion Ratio Lower Upper

152 100

150 152.7 124.9 187.3

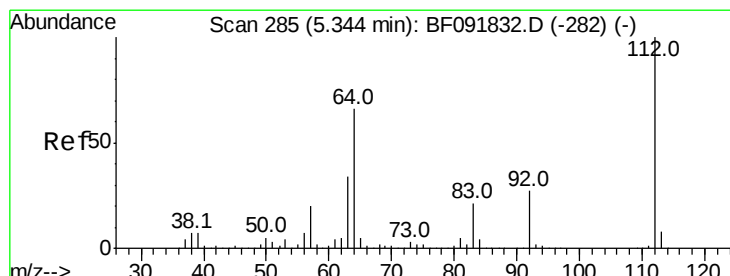
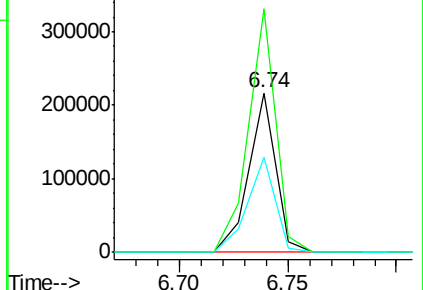
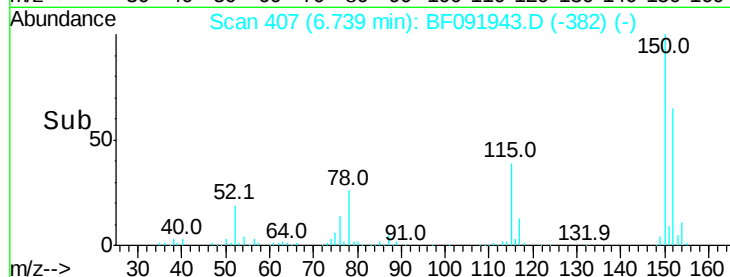
115 60.0 46.0 69.0



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: 118.18 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

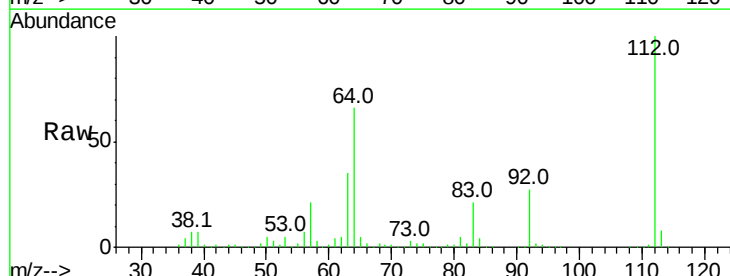
Tgt Ion:112 Resp: 1316128

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

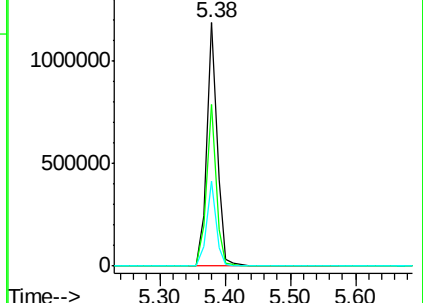
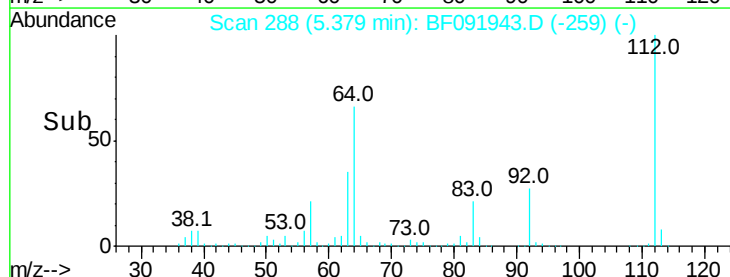
63 34.7 23.8 35.6



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: 133.95 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95595BL

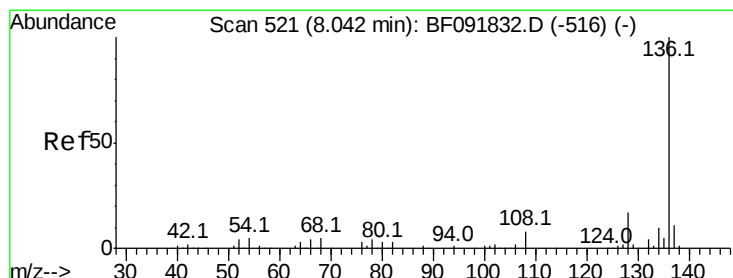
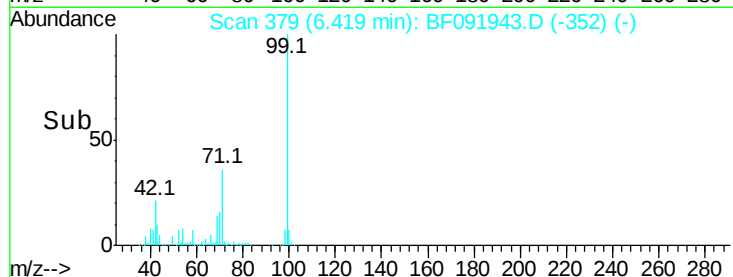
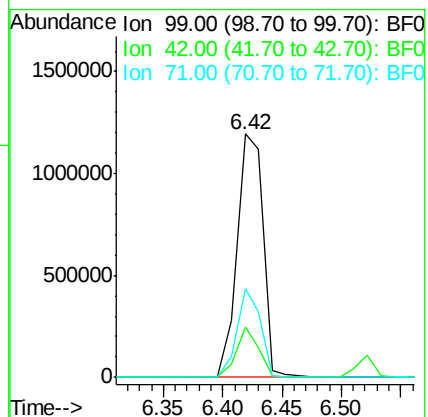
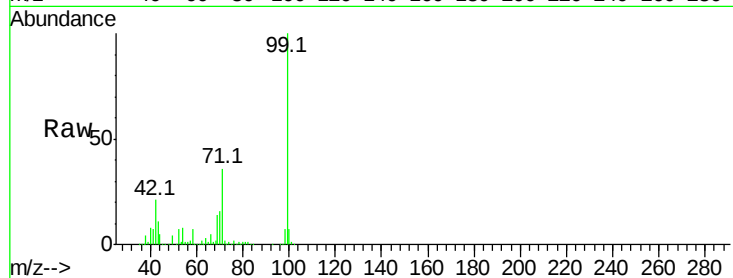
Tot Ion: 99 Resp: 1821255

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 36.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Tgt Ion: 136 Resp: 710991

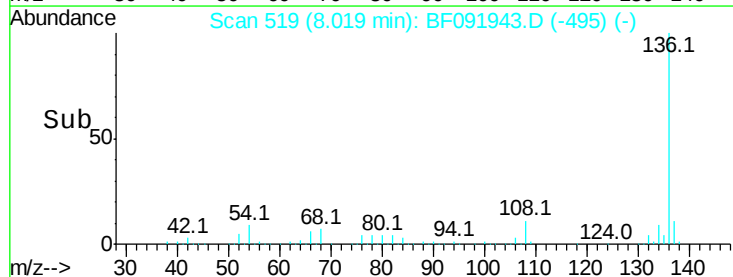
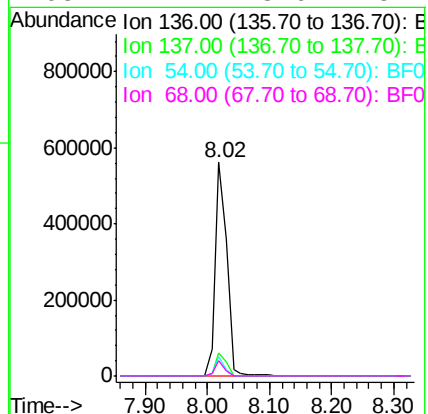
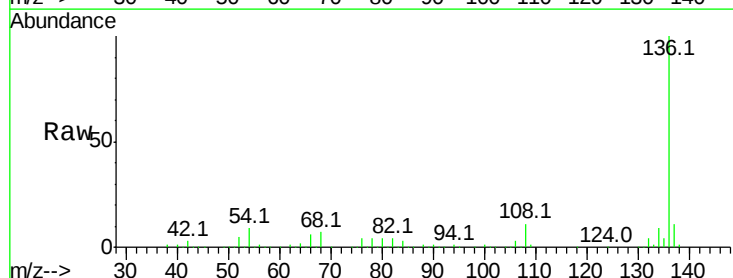
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.3 4.5 6.7#

68 7.1 3.6 5.4#



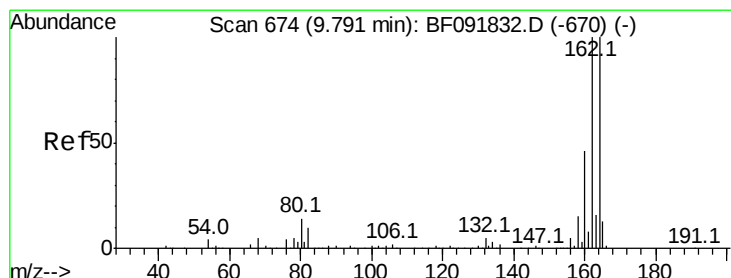
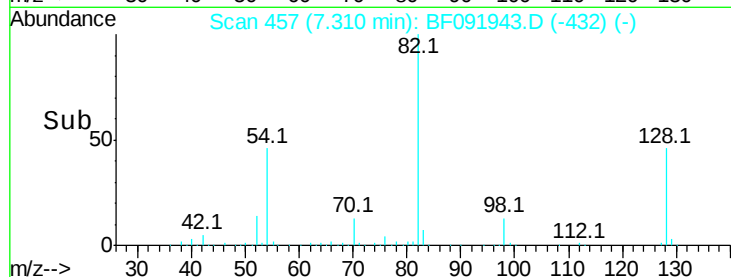
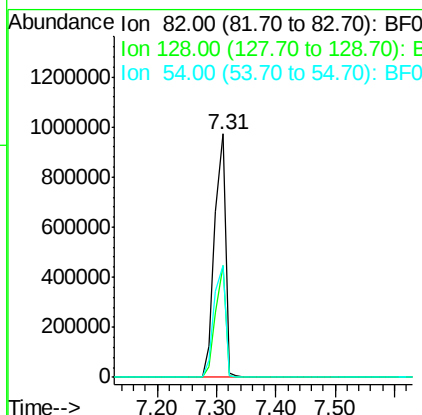
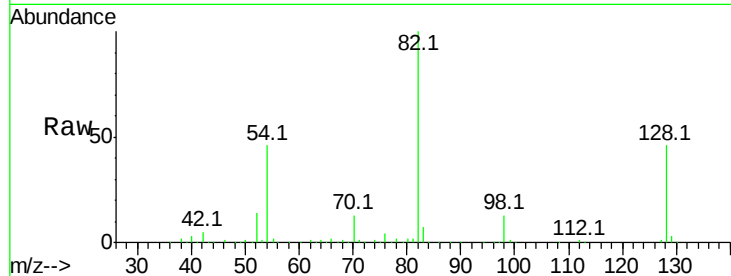


#23
 Nitrobenzene-d5
 Concen: 96.60 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Instrument :
 BNA_F
 ClientSampleID :
 PB95595BL

Tot Ion: 82 Resp: 1235107

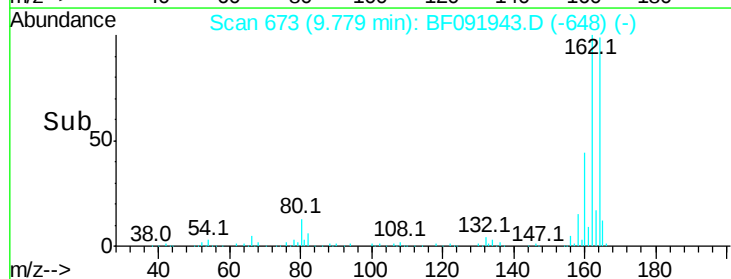
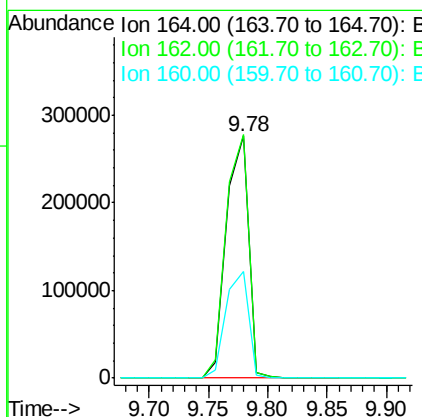
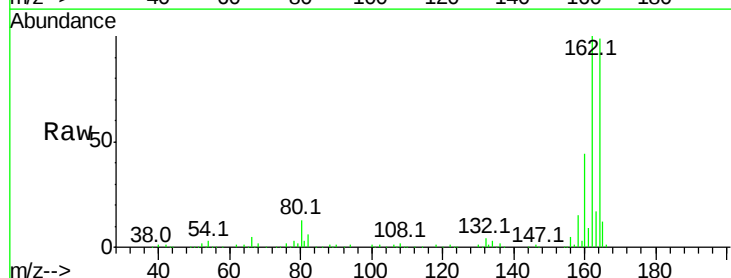
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	52.0
54	45.8	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Tgt Ion: 164 Resp: 359591

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.3	36.9	55.3

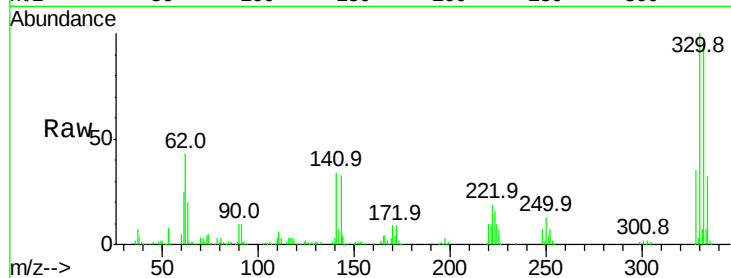




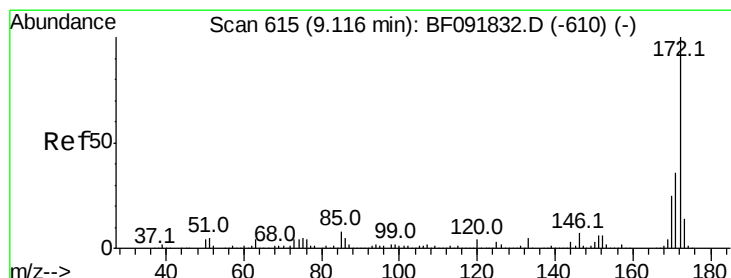
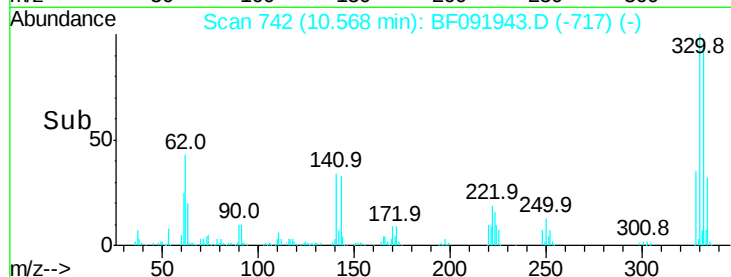
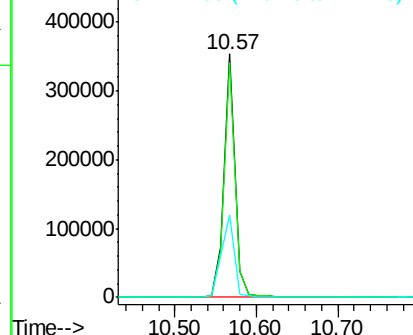
#41
 2,4,6-Tribromophenol
 Concen: 111.00 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BL

Tot Ion:330 Resp: 330329
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.9 34.1 51.1

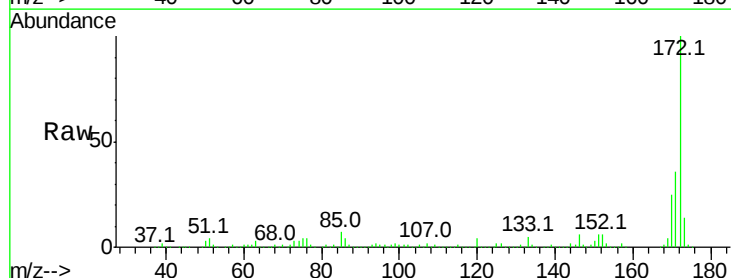


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

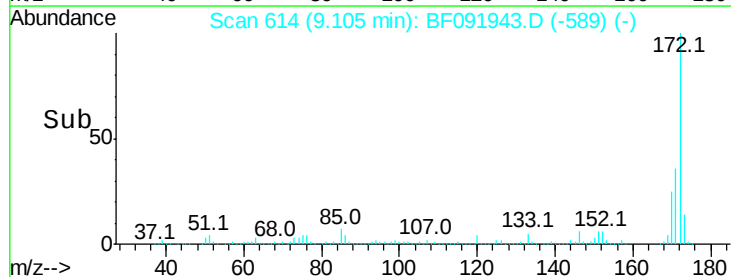
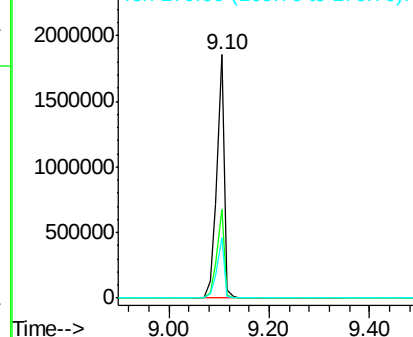


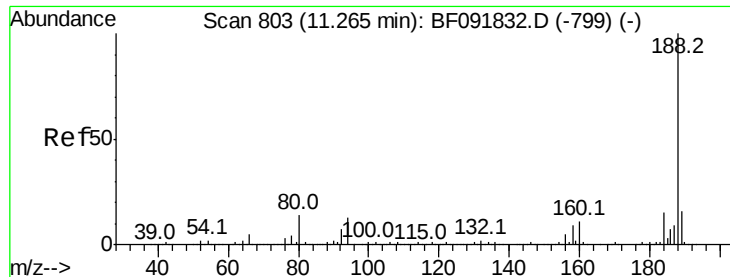
#44
 2-Fluorobiphenyl
 Concen: 114.04 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Tgt Ion:172 Resp: 1924126
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.9 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

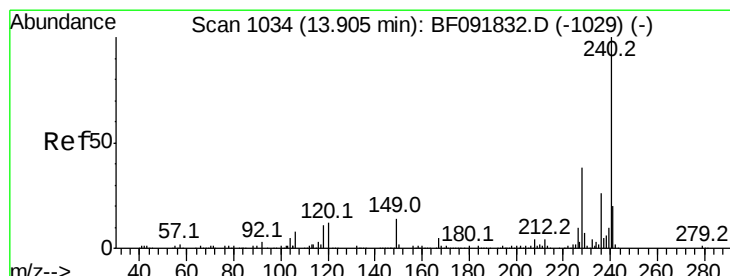
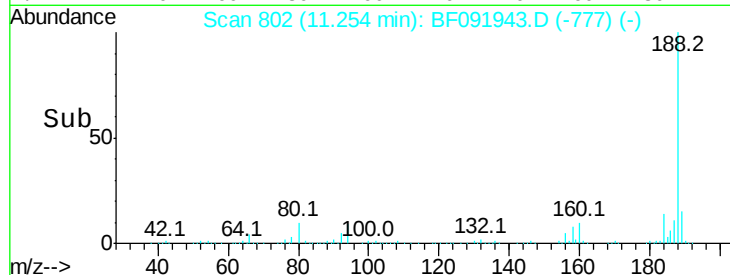
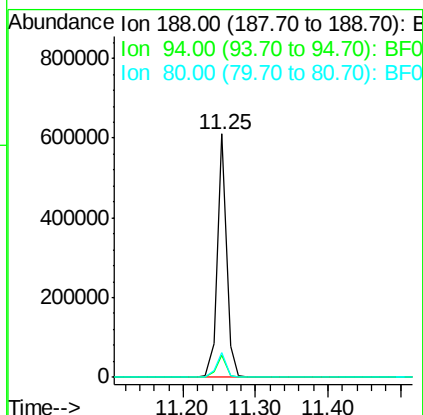
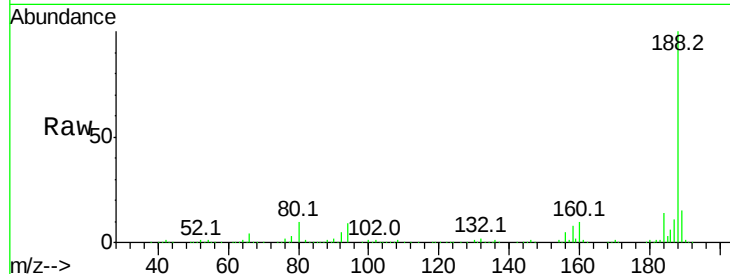




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091943.D
Acq: 24 Dec 2016 1:30

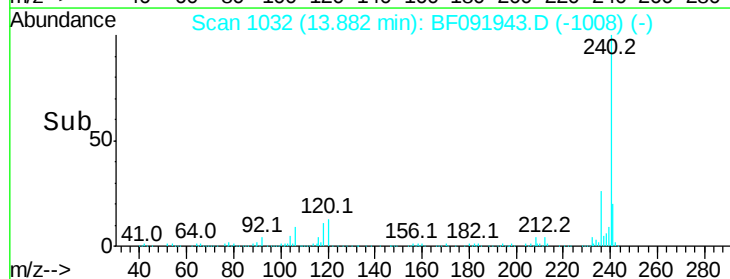
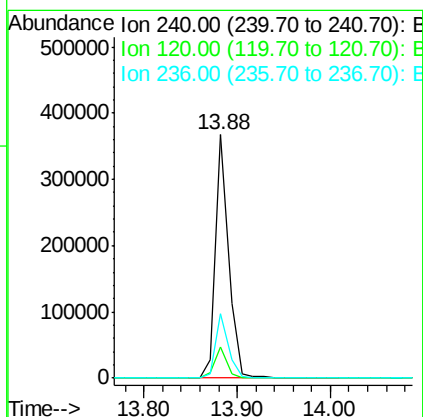
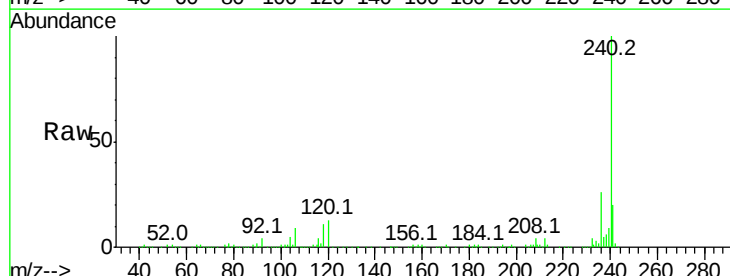
Instrument :
BNA_F
ClientSampleId :
PB95595BL

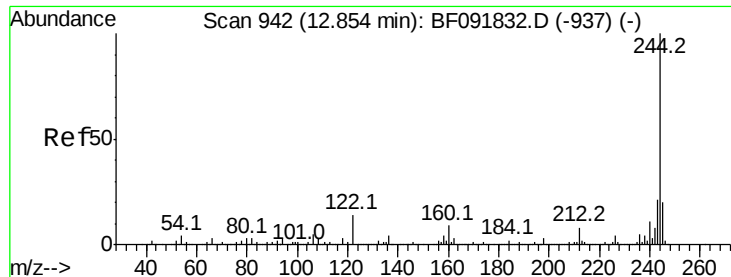
Tot Ion:188 Resp: 543151
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 10.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091943.D
Acq: 24 Dec 2016 1:30

Tgt Ion:240 Resp: 359261
Ion Ratio Lower Upper
240 100
120 13.0 12.9 19.3
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 89.69 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95595BL

Tot Ion:244 Resp: 1328544

Ion Ratio Lower Upper

244 100

212 7.3

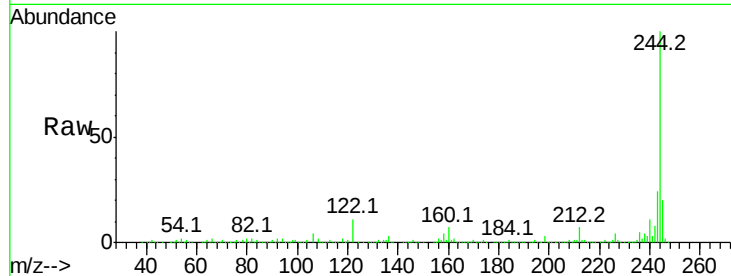
6.2

9.2

122 10.7

11.4

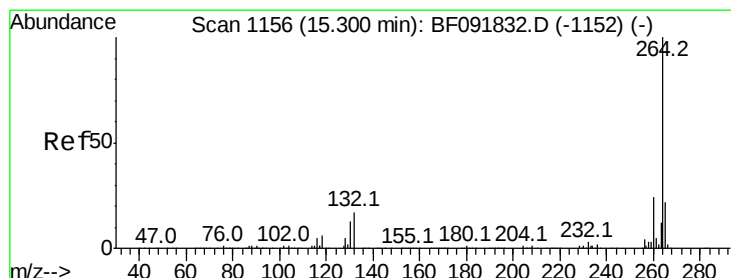
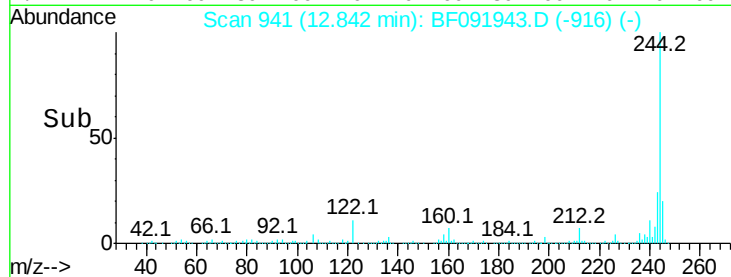
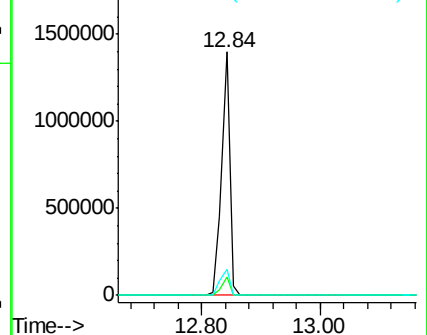
17.2#



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: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Tgt Ion:264 Resp: 345588

Ion Ratio Lower Upper

264 100

260 23.3

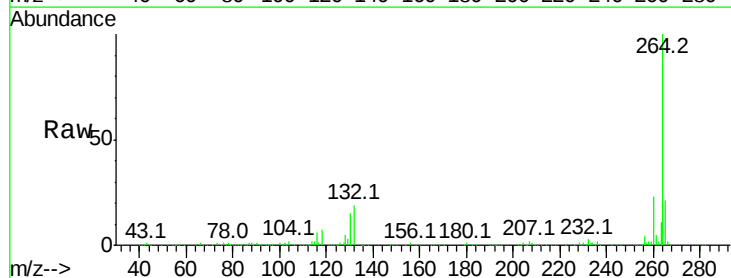
19.2

28.8

265 21.3

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

