

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091965.D
 Acq On : 27 Dec 2016 14:03
 Operator : UM/SJ
 Sample : H6226-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Quant Time: Dec 28 00:30:22 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	6.73	152	275859	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1214610	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	477428	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	861300	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	673409	20.00	ng	-0.02
86) Perylene-d12	15.29	264	195465	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2197199	132.99	ng	0.02
7) Phenol-d6	6.41	99	2331235	115.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	1752467	80.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	622826	157.63	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	3008401	137.00	ng	-0.01
78) Terphenyl-d14	12.84	244	2431980	87.59	ng	-0.01

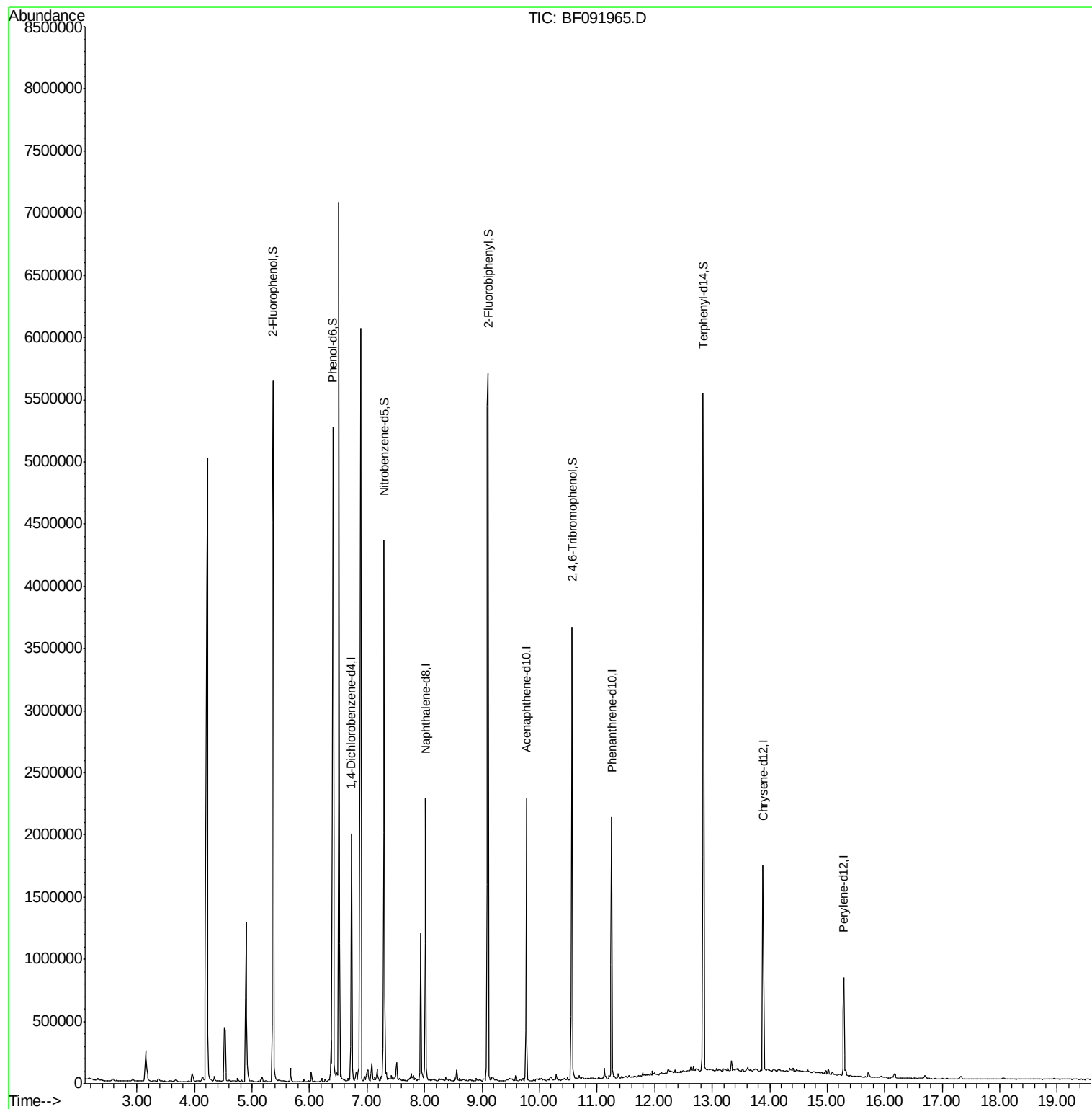
Target Compounds Qvalue

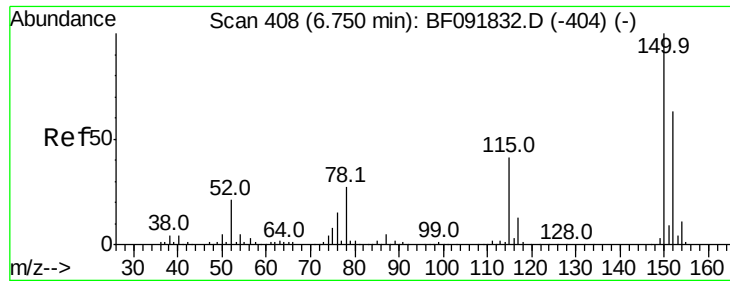
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091965.D

Acq: 27 Dec 2016 14:03

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

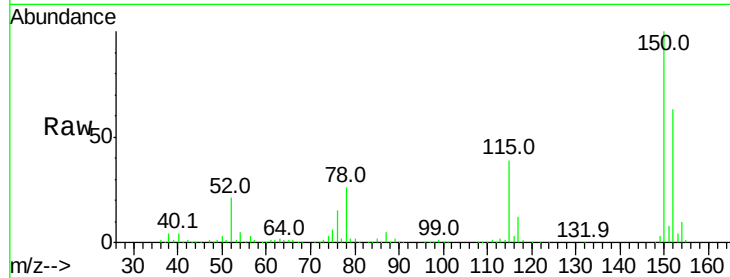
Tot Ion:152 Resp: 275859

Ion Ratio Lower Upper

152 100

150 159.5 124.9 187.3

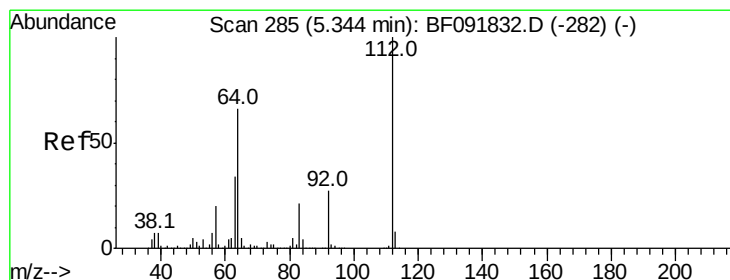
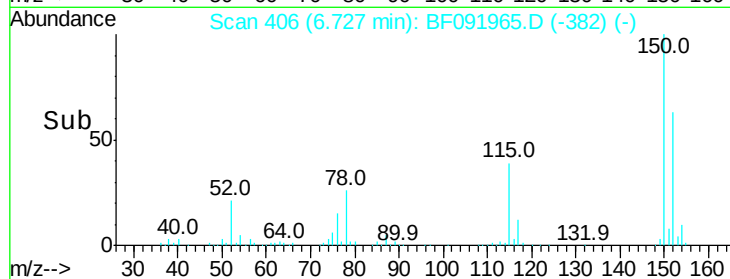
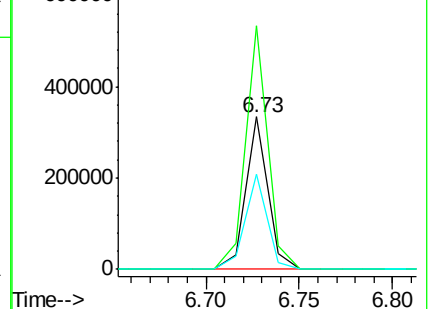
115 62.4 46.0 69.0



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: 132.99 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091965.D

Acq: 27 Dec 2016 14:03

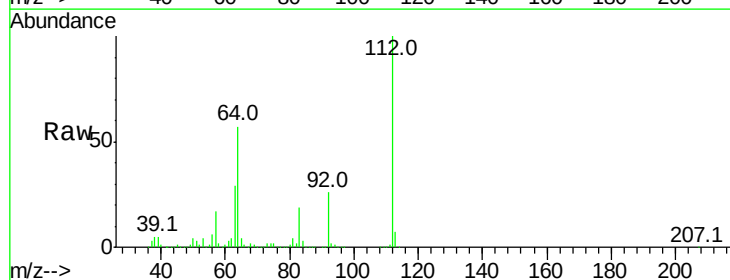
Tgt Ion:112 Resp: 2197199

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

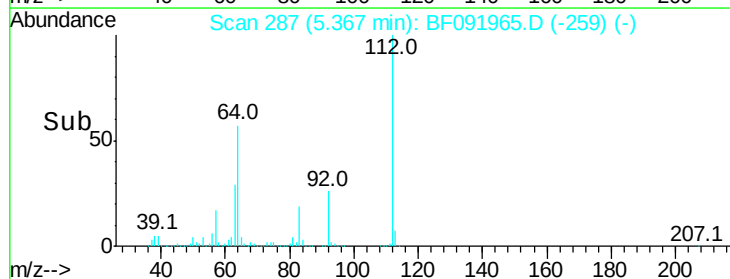
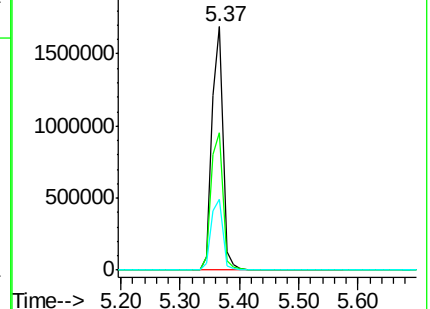
63 29.1 23.8 35.6

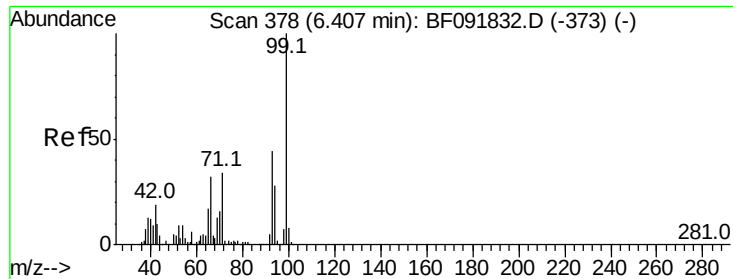


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.57 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091965.D

Acq: 27 Dec 2016 14:03

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

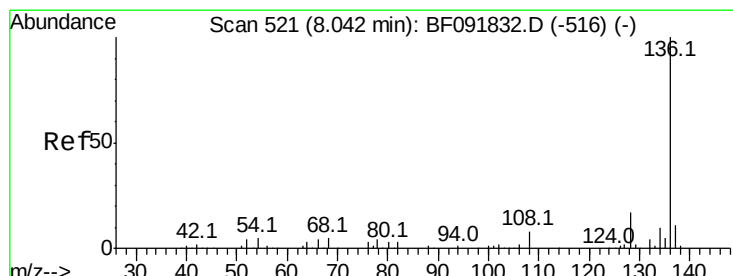
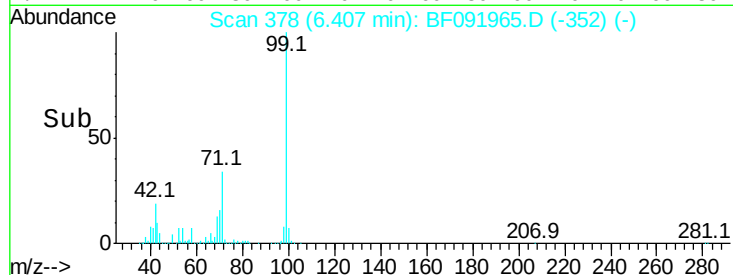
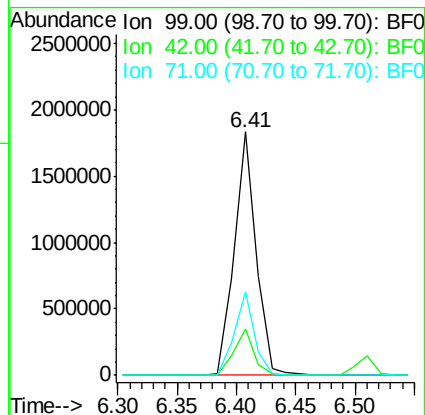
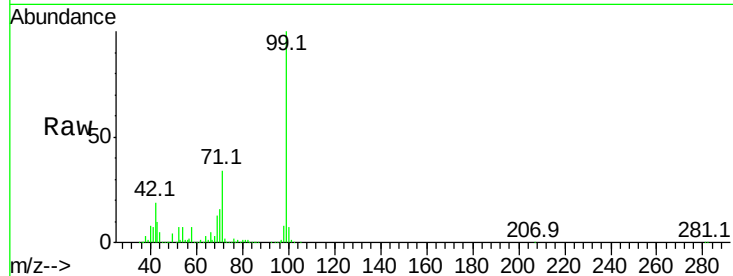
Tot Ion: 99 Resp: 2331235

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 34.2 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: BF091965.D

Acq: 27 Dec 2016 14:03

Tgt Ion: 136 Resp: 1214610

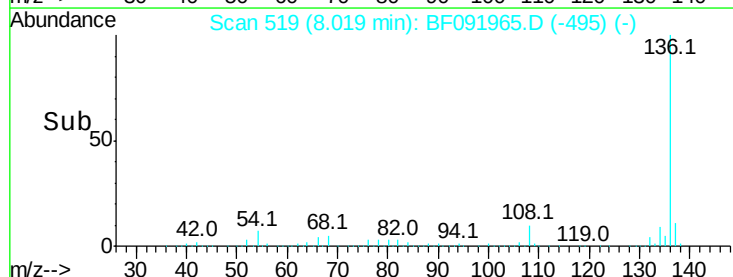
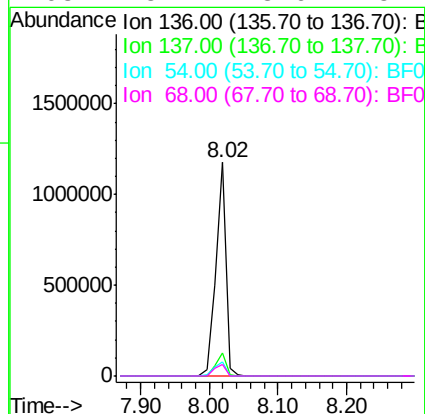
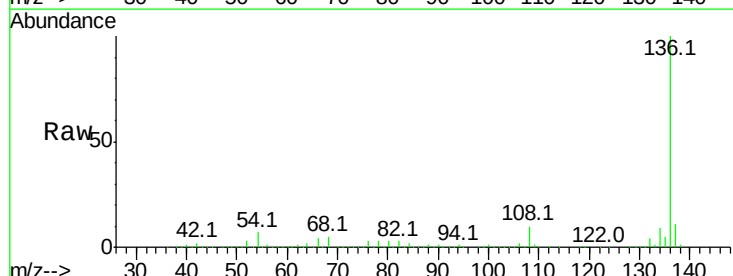
Ion Ratio Lower Upper

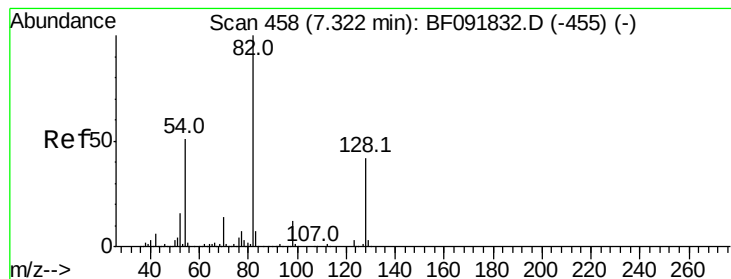
136 100

137 11.1 8.4 12.6

54 6.6 4.5 6.7

68 5.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 80.23 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF091965.D

Acq: 27 Dec 2016 14:03

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

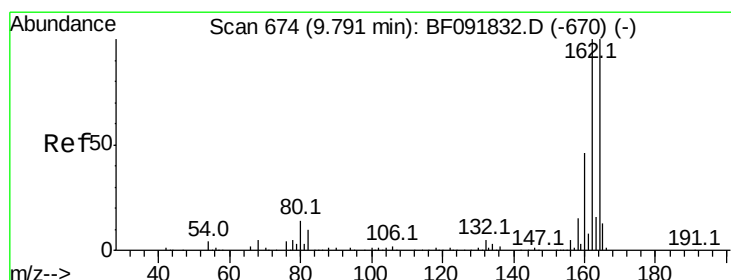
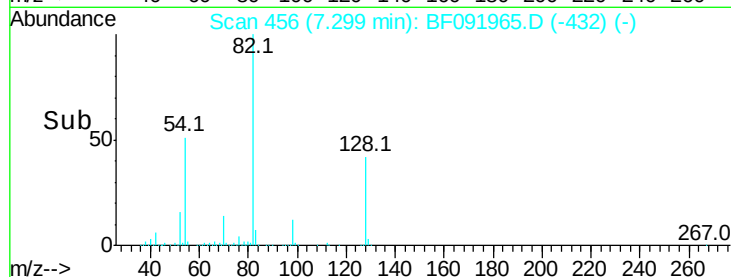
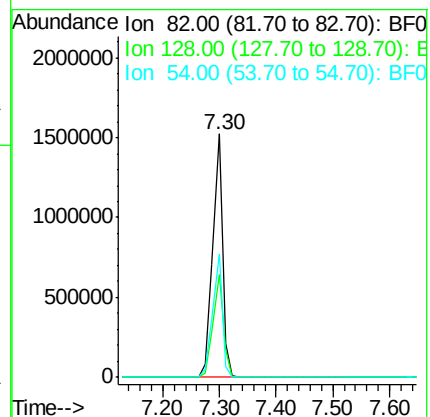
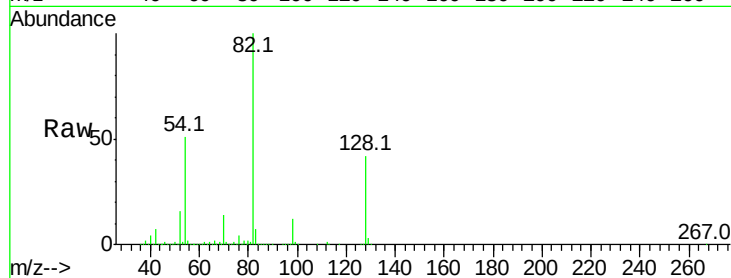
Tot Ion: 82 Resp: 1752467

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	50.7	39.5	59.3

82 100

128 42.3 34.6 52.0

54 50.7 39.5 59.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091965.D

Acq: 27 Dec 2016 14:03

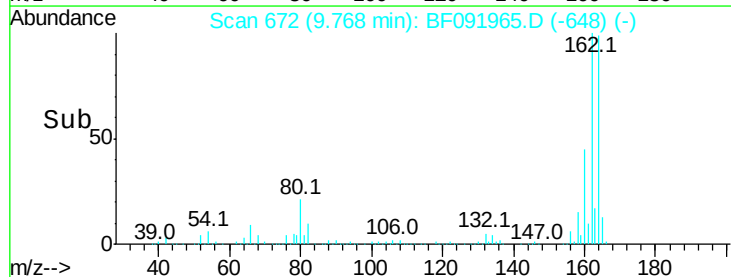
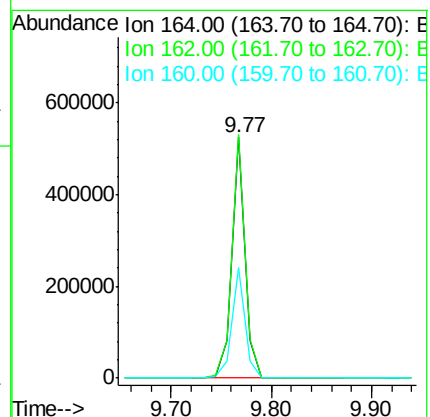
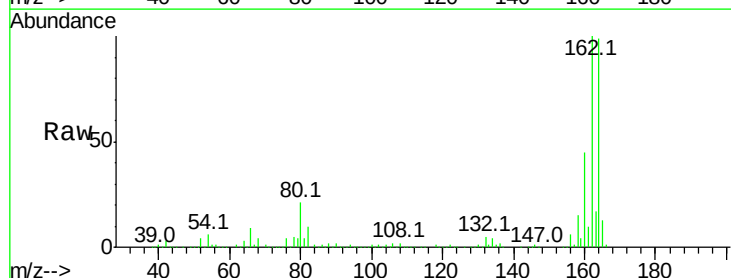
Tgt Ion: 164 Resp: 477428

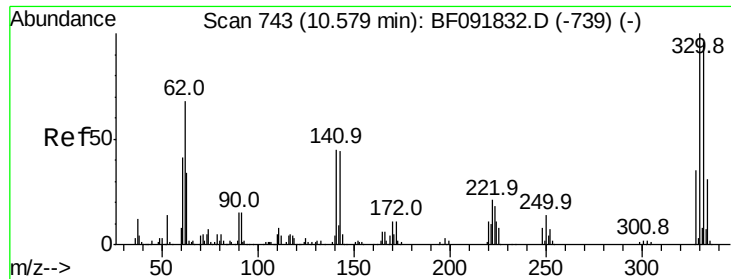
Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	46.0	36.9	55.3

164 100

162 101.0 80.2 120.2

160 46.0 36.9 55.3

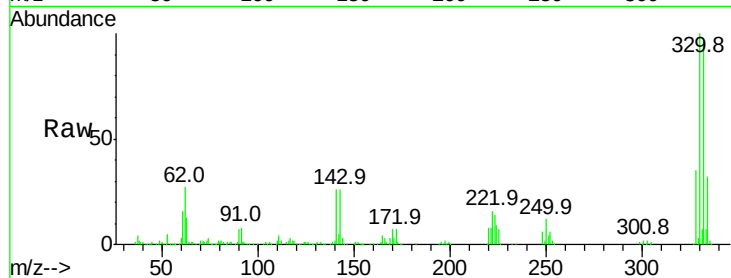




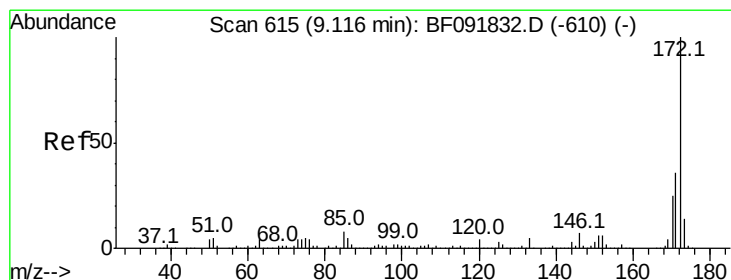
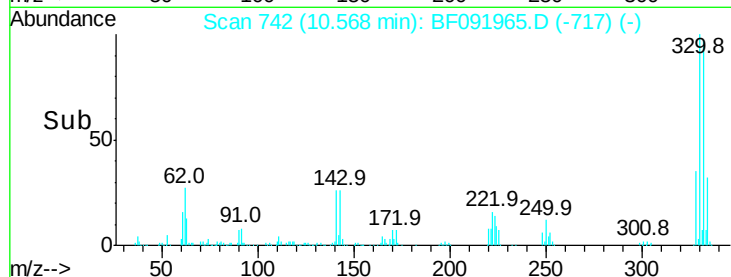
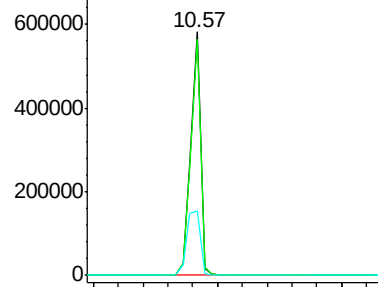
#41
2,4,6-Tribromophenol
Concen: 157.63 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091965.D
Acq: 27 Dec 2016 14:03

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116

Tot Ion:330 Resp: 622826
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 37.3 34.1 51.1

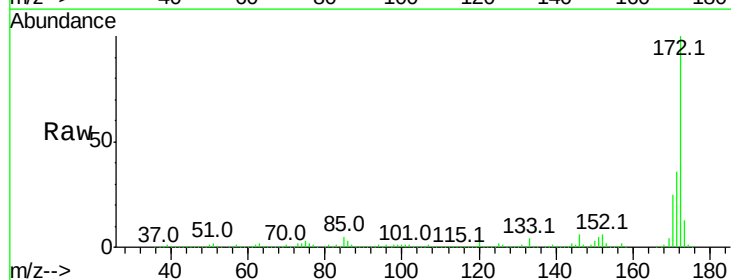


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

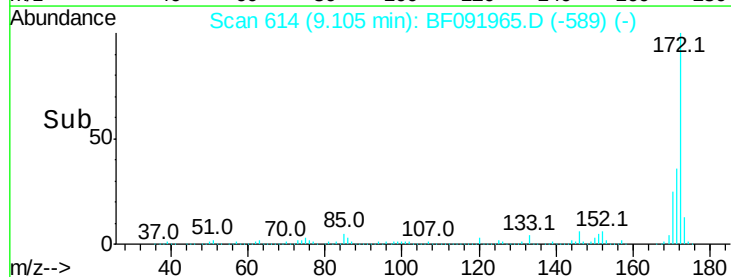
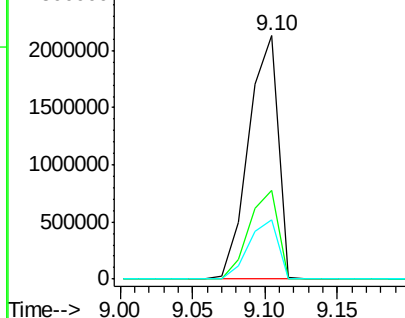


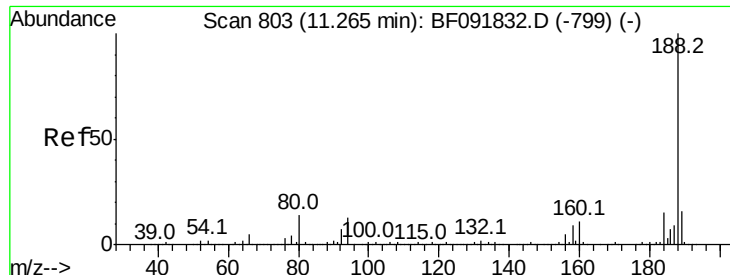
#44
2-Fluorobiphenyl
Concen: 137.00 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091965.D
Acq: 27 Dec 2016 14:03

Tgt Ion:172 Resp: 3008401
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.6 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

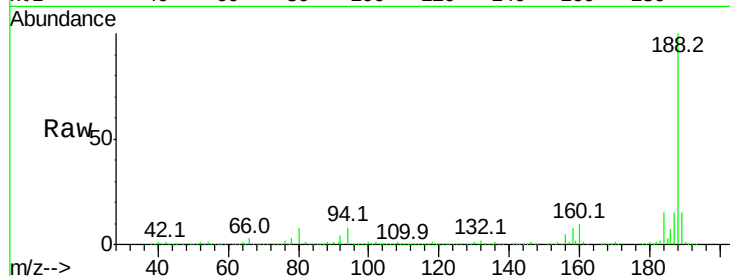




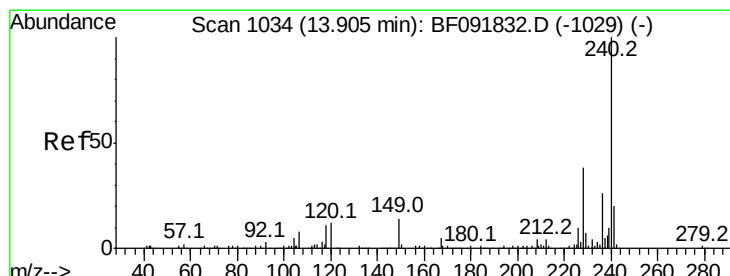
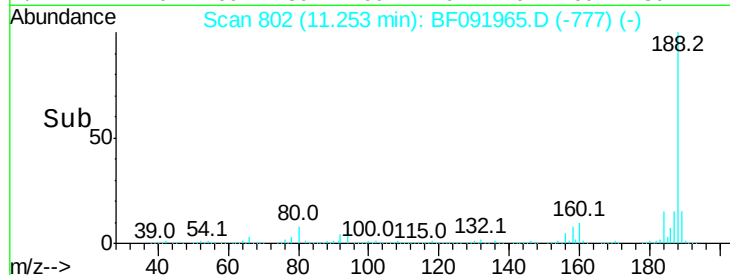
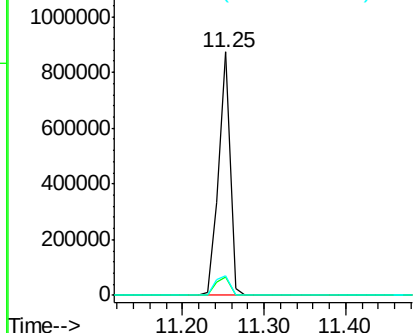
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091965.D
 Acq: 27 Dec 2016 14:03

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	8.3	11.2	16.8#

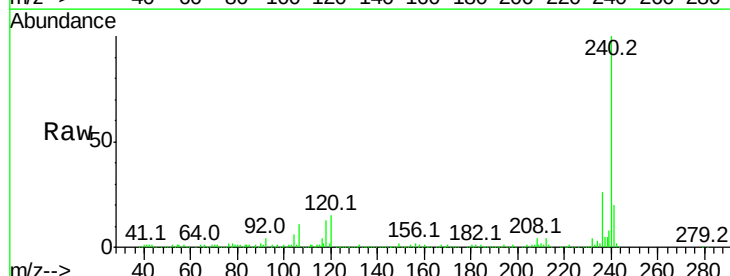


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

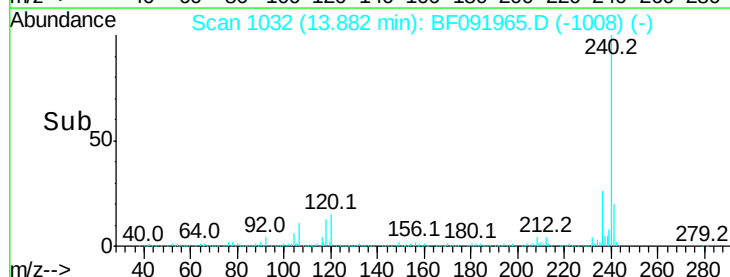
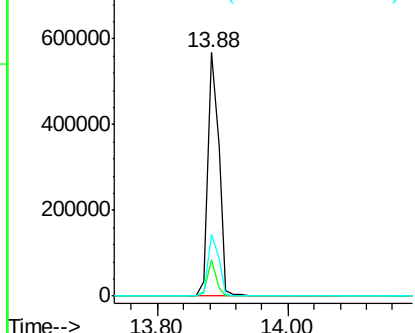


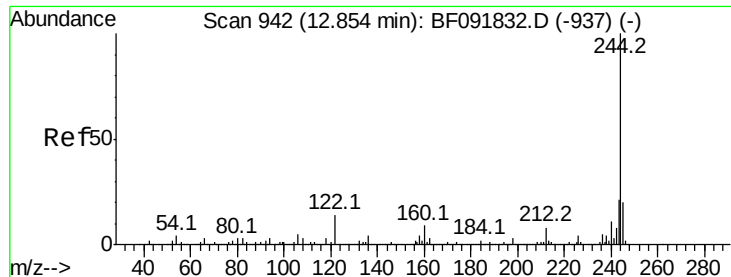
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF091965.D
 Acq: 27 Dec 2016 14:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	12.9	19.3
236	25.6	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: 87.59 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091965.D

Acq: 27 Dec 2016 14:03

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

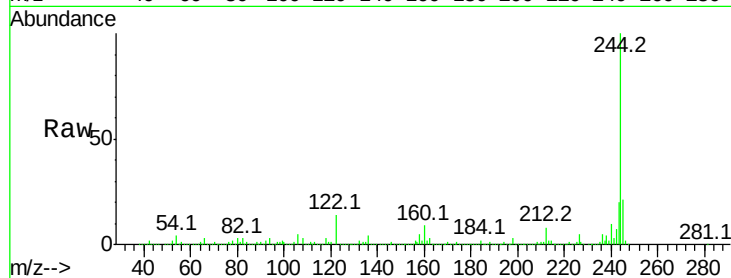
Tot Ion:244 Resp: 2431980

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

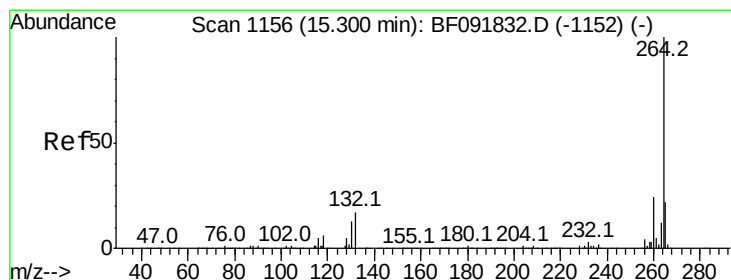
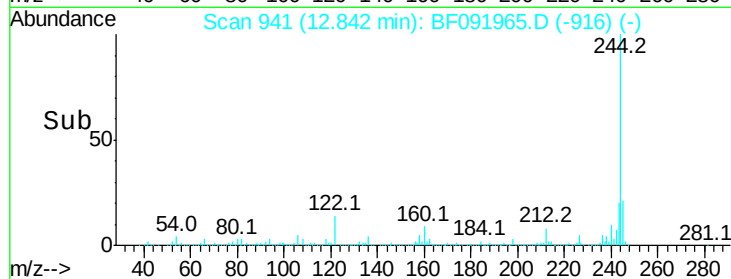
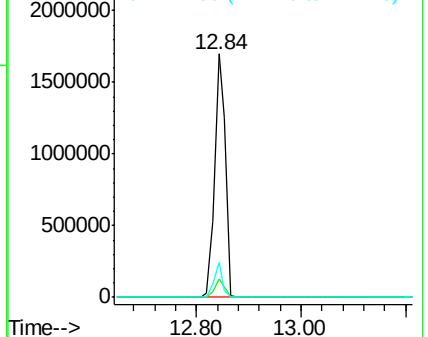
122 14.4 11.4 17.2



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: BF091965.D

Acq: 27 Dec 2016 14:03

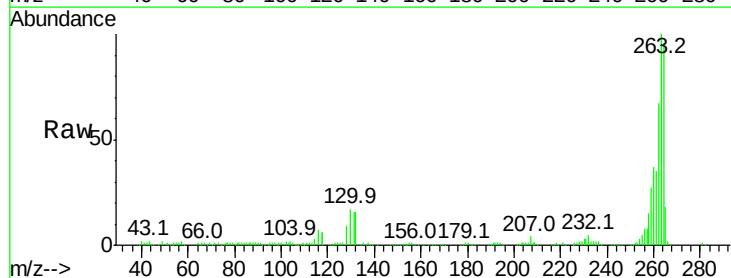
Tgt Ion:264 Resp: 195465

Ion Ratio Lower Upper

264 100

260 38.4 19.2 28.8#

265 18.9 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

