

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091922.D
 Acq On : 23 Dec 2016 14:33
 Operator : UM/SJ
 Sample : PB95610BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BL

Quant Time: Dec 23 22:15:44 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	176114	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	708131	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	386647	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	654276	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	537716	20.00	ng	-0.02
86) Perylene-d12	15.28	264	448017	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1369119	129.81	ng	0.05
7) Phenol-d6	6.43	99	1655811	128.58	ng	0.02
23) Nitrobenzene-d5	7.31	82	1201207	94.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	407867	127.47	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1917334	104.57	ng	-0.01
78) Terphenyl-d14	12.84	244	1694973	76.45	ng	-0.01

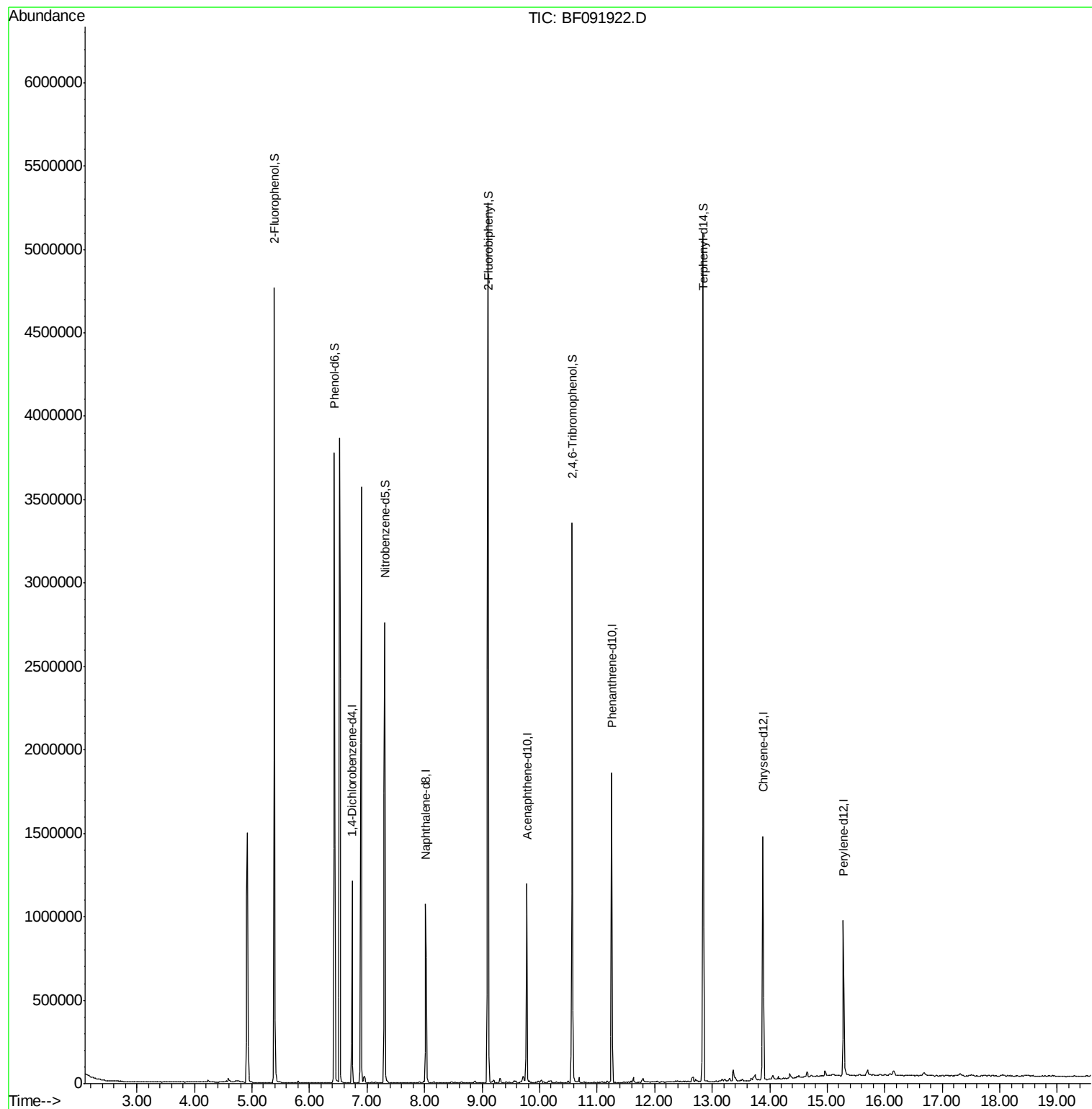
Target Compounds Qvalue

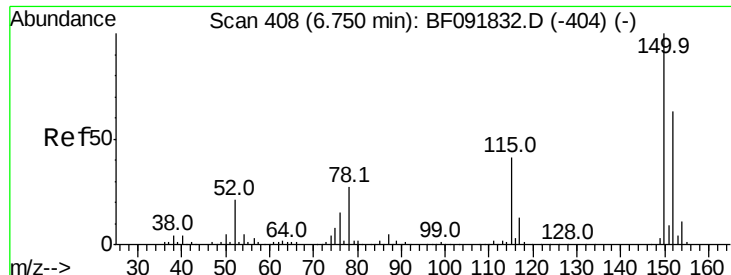
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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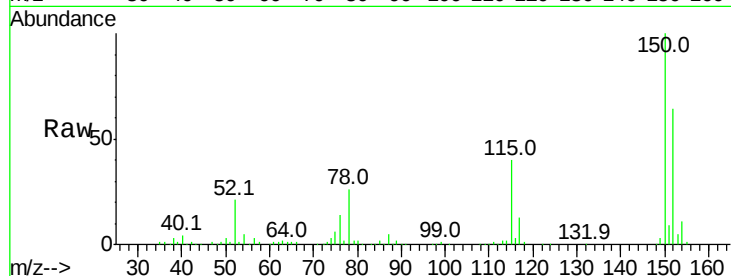


#1

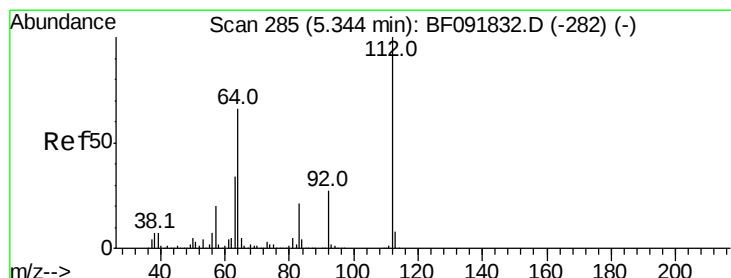
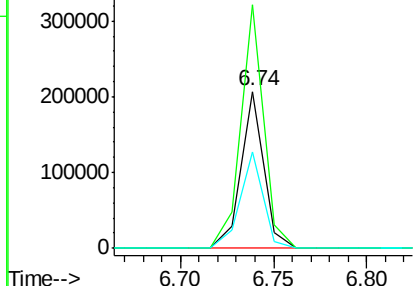
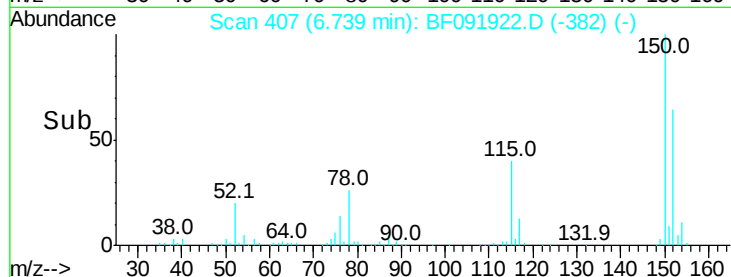
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091922.D
Acq: 23 Dec 2016 14:33

Instrument :
BNA_F
ClientSampleId :
PB95610BL

Tot Ion:152 Resp: 176114
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 61.5 46.0 69.0



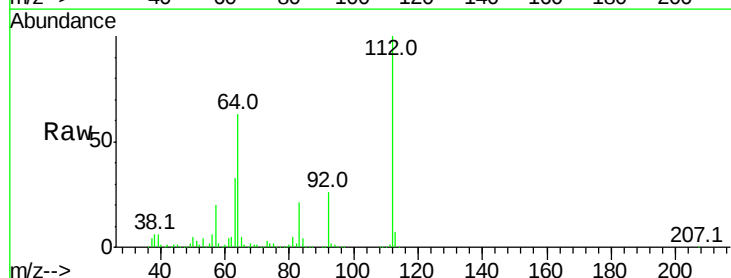
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



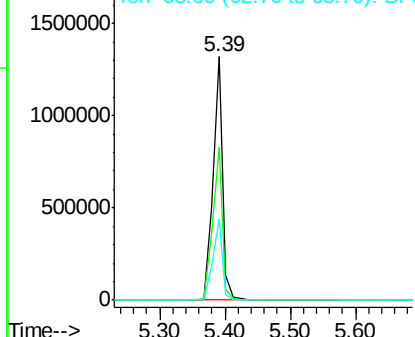
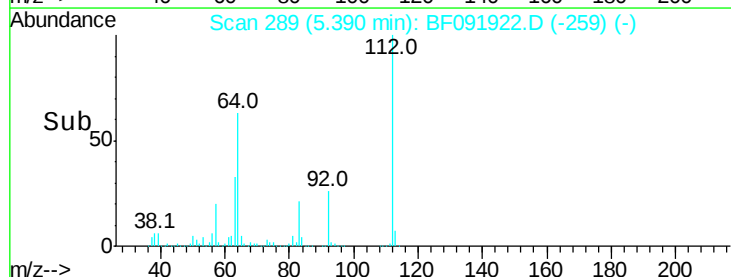
#5

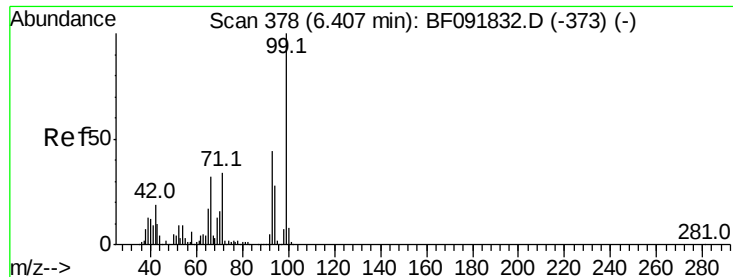
2-Fluorophenol
Concen: 129.81 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.05 min
Lab File: BF091922.D
Acq: 23 Dec 2016 14:33

Tgt Ion:112 Resp: 1369119
Ion Ratio Lower Upper
112 100
64 62.8 46.1 69.1
63 33.2 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: 128.58 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091922.D

Acq: 23 Dec 2016 14:33

Instrument :

BNA_F

ClientSampleId :

PB95610BL

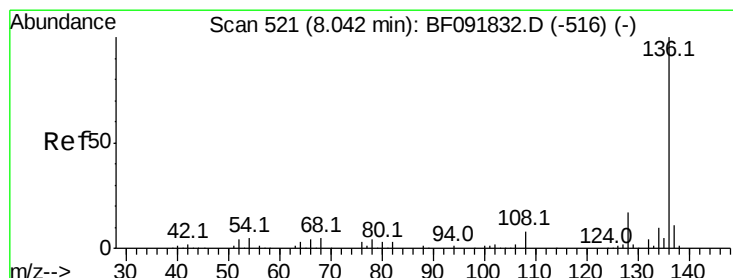
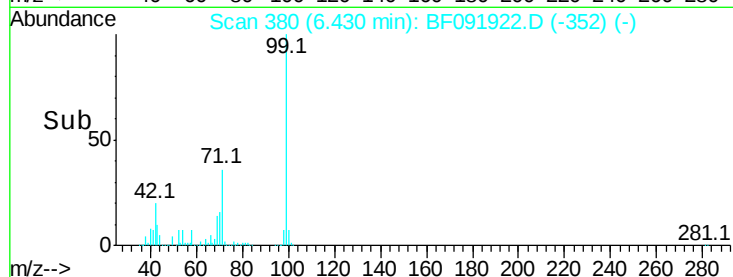
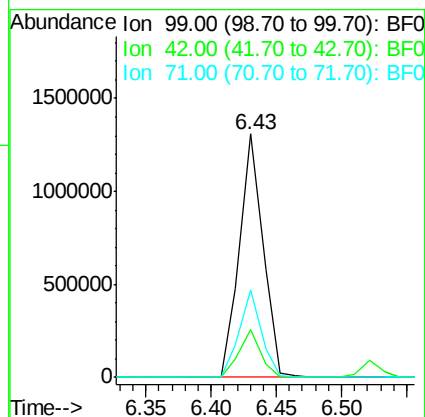
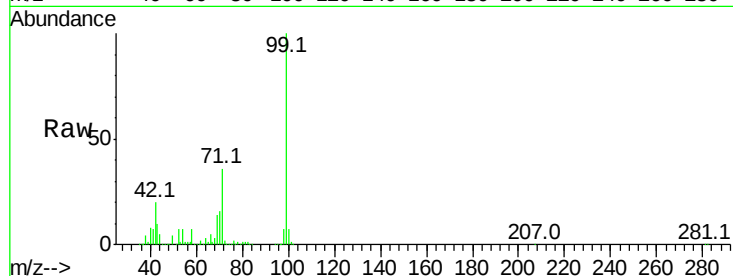
Tot Ion: 99 Resp: 1655811

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 36.0 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: BF091922.D

Acq: 23 Dec 2016 14:33

Tgt Ion: 136 Resp: 708131

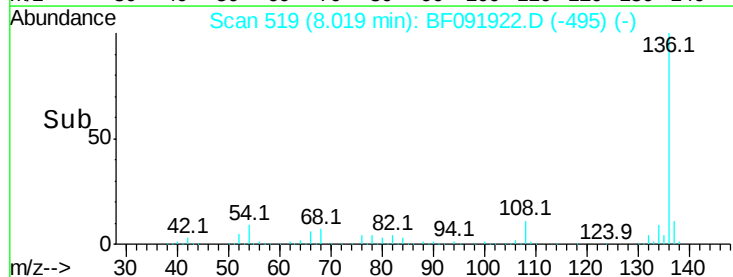
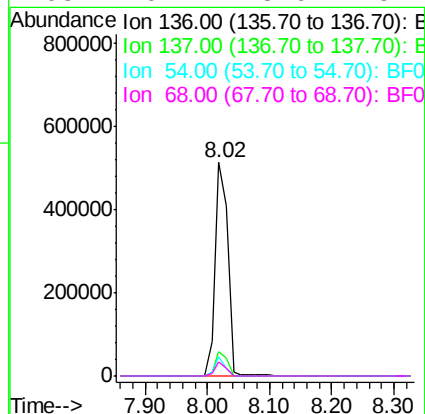
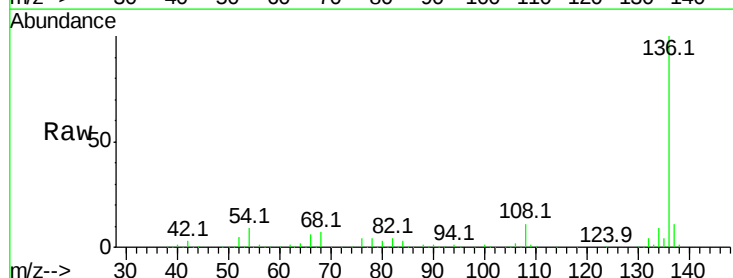
Ion Ratio Lower Upper

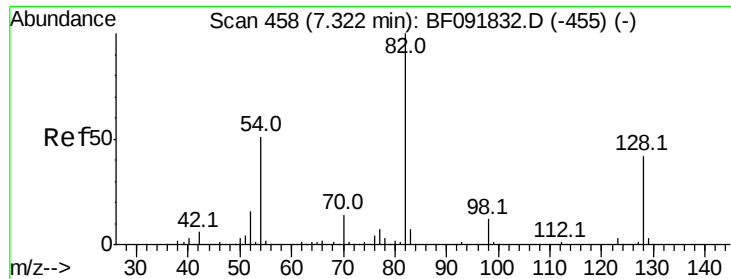
136 100

137 11.2 8.4 12.6

54 9.0 4.5 6.7#

68 6.7 3.6 5.4#



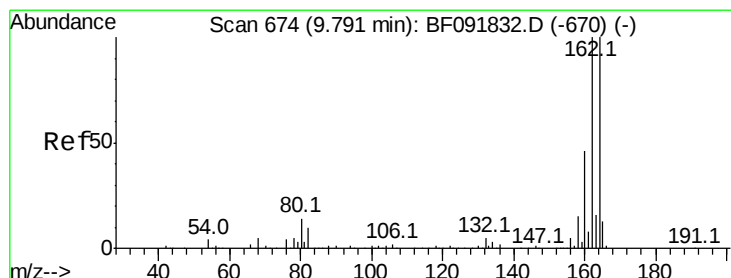
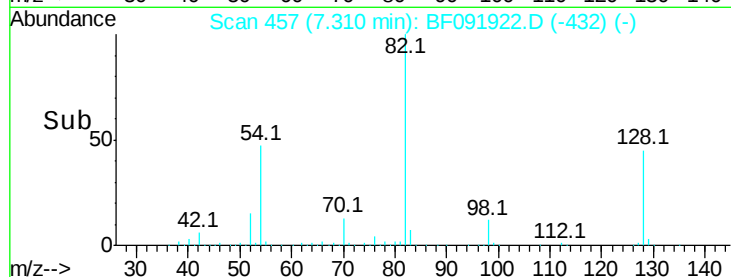
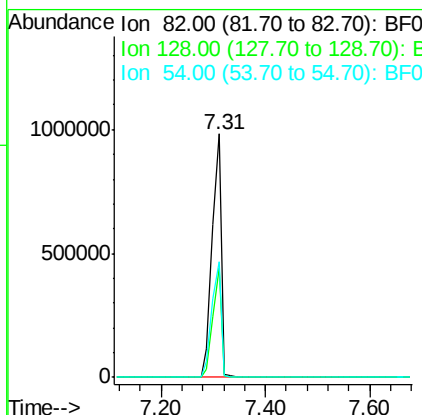
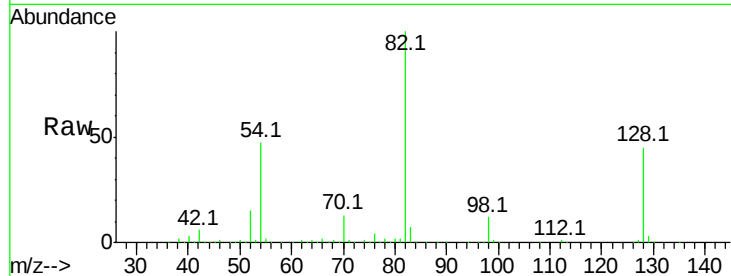


#23
 Nitrobenzene-d5
 Concen: 94.32 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091922.D
 Acq: 23 Dec 2016 14:33

Instrument :
 BNA_F
 ClientSampled :
 PB95610BL

Tot Ion: 82 Resp: 1201207

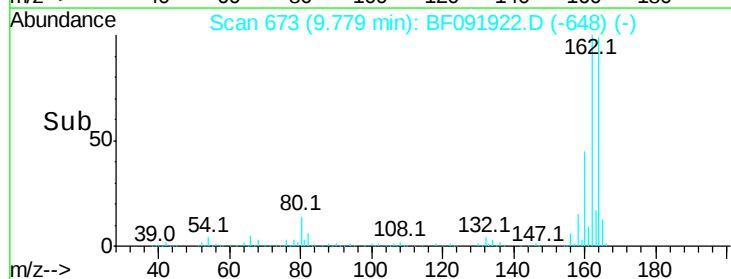
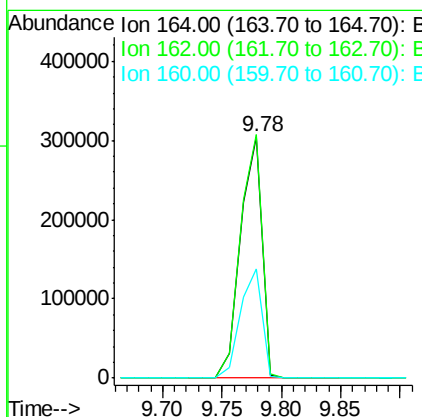
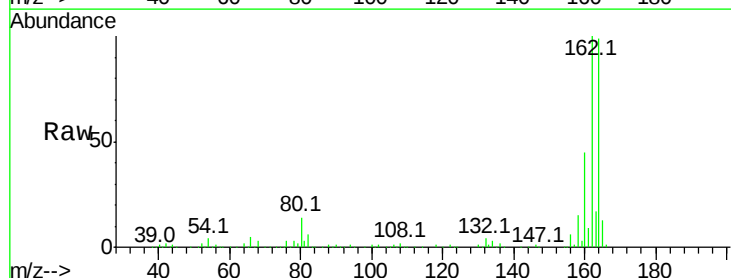
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	47.4	39.5	59.3

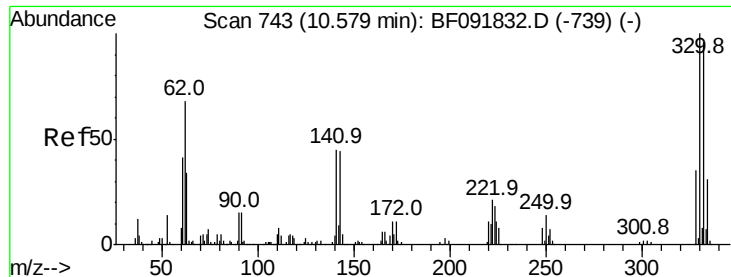


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091922.D
 Acq: 23 Dec 2016 14:33

Tgt Ion:164 Resp: 386647

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	45.4	36.9	55.3

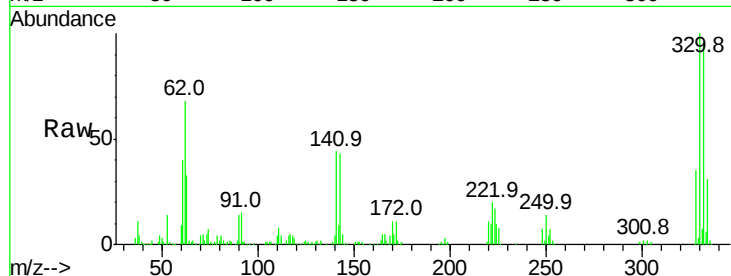




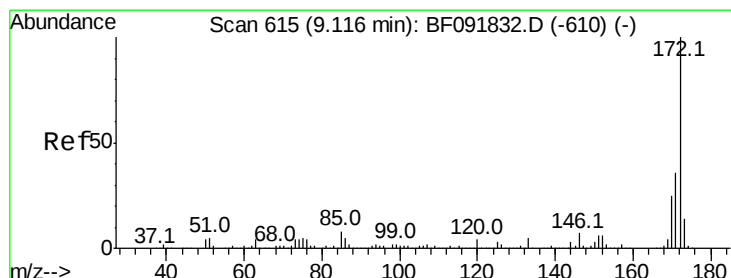
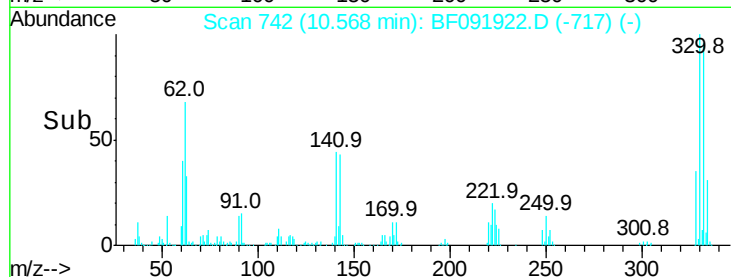
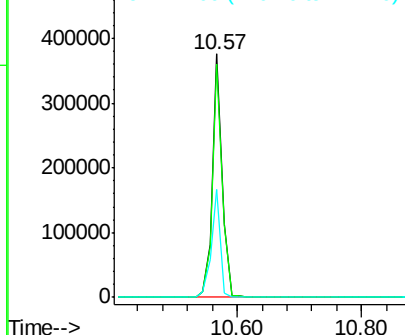
#41
 2,4,6-Tribromophenol
 Concen: 127.47 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091922.D
 Acq: 23 Dec 2016 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	41.0	34.1	51.1

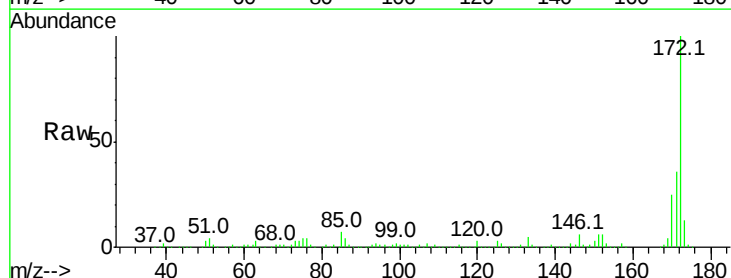


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

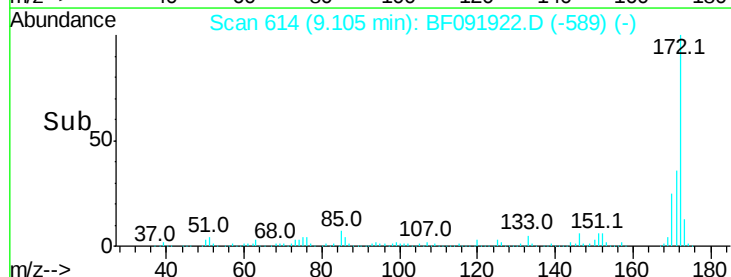
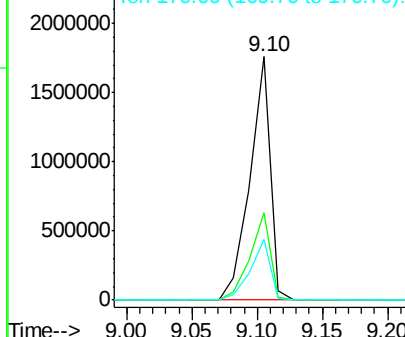


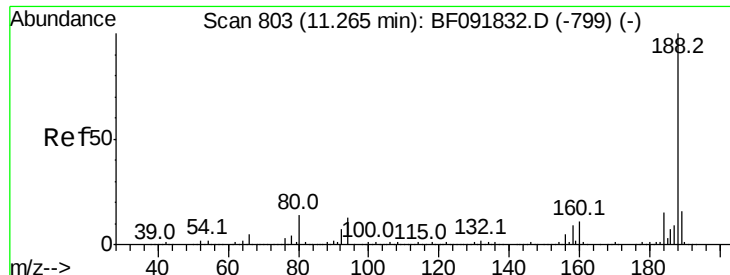
#44
 2-Fluorobiphenyl
 Concen: 104.57 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091922.D
 Acq: 23 Dec 2016 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	25.0	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

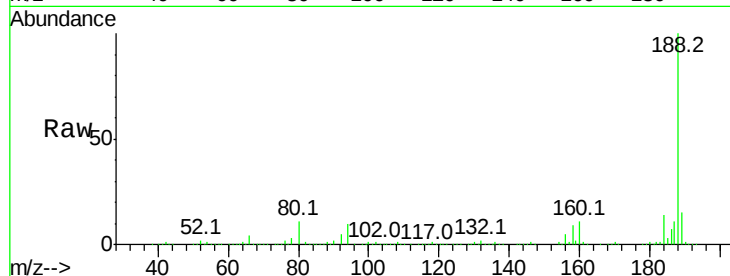




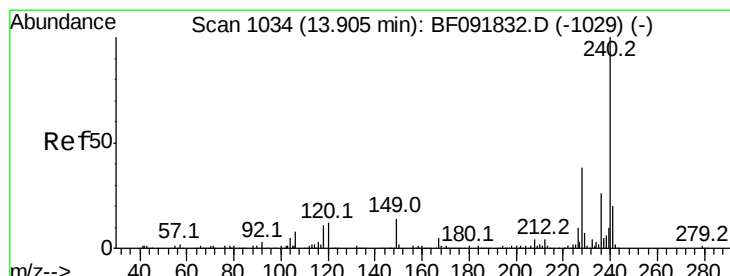
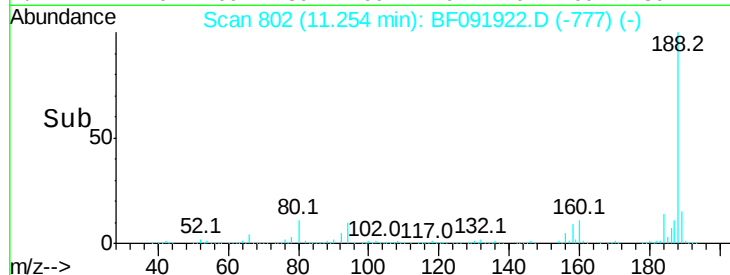
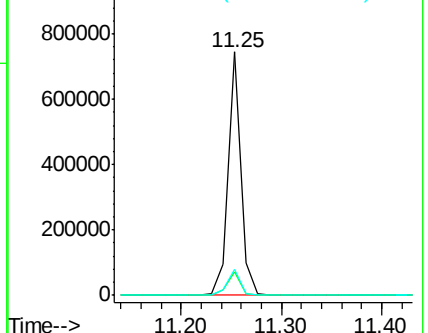
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091922.D
Acq: 23 Dec 2016 14:33

Instrument :
BNA_F
ClientSampleId :
PB95610BL

Tot Ion:188 Resp: 654276
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.8 11.2 16.8#

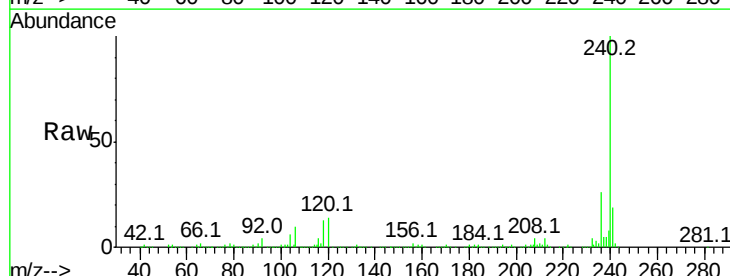


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

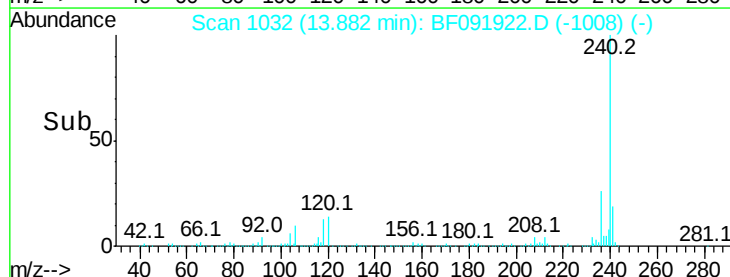
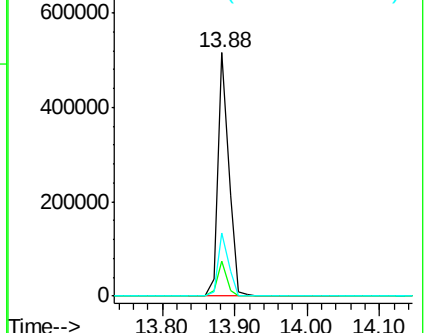


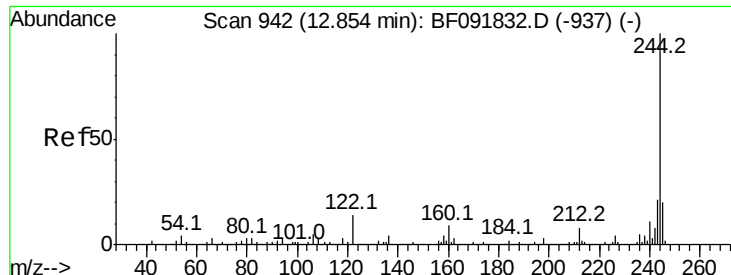
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091922.D
Acq: 23 Dec 2016 14:33

Tgt Ion:240 Resp: 537716
Ion Ratio Lower Upper
240 100
120 14.3 12.9 19.3
236 26.0 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

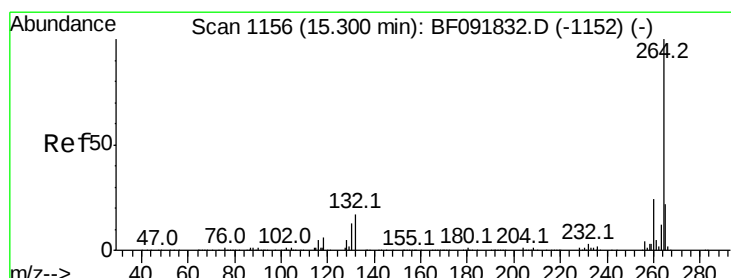
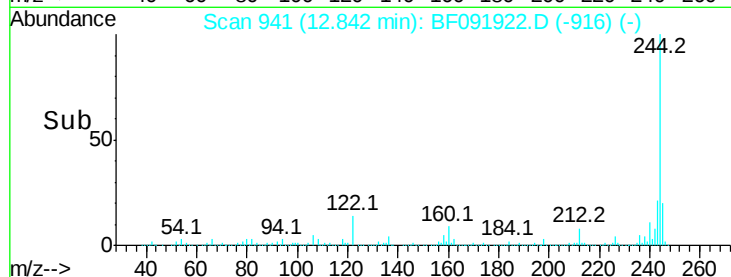
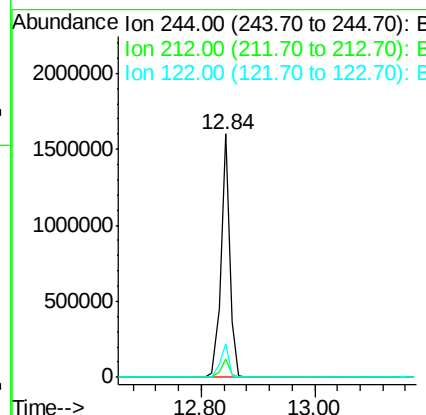
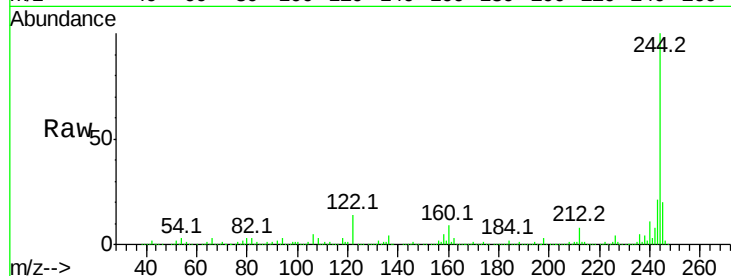




#78
 Terphenyl-d14
 Concen: 76.45 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091922.D
 Acq: 23 Dec 2016 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BL

Tot Ion:244 Resp: 1694973
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF091922.D
 Acq: 23 Dec 2016 14:33

Tgt Ion:264 Resp: 448017
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.4 26.0

