

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092716.D
 Acq On : 1 Feb 2017 20:41
 Operator : SJ/MA
 Sample : I1597-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Quant Time: Feb 02 00:17:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

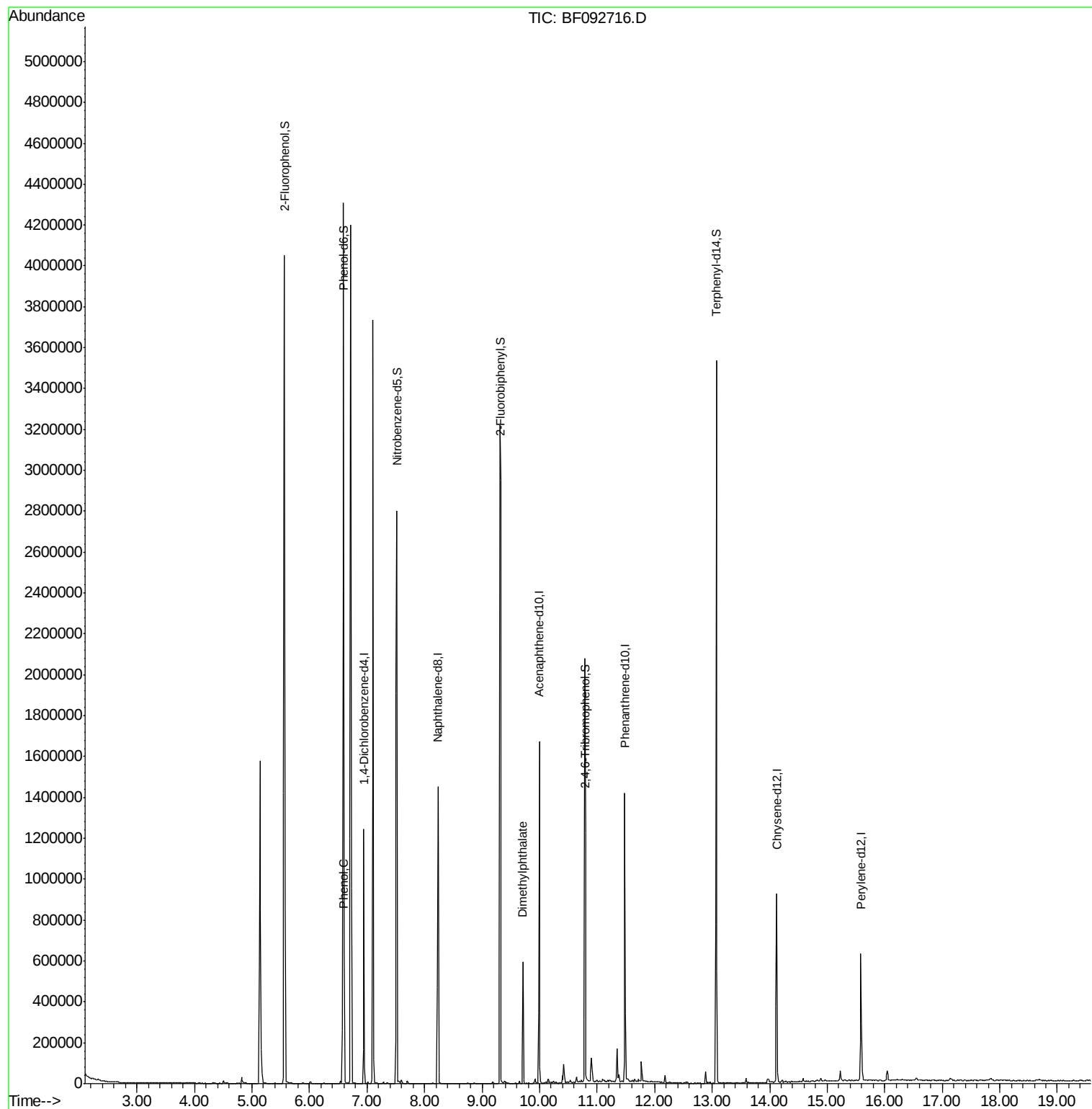
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167003	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	663020	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	342448	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	497473	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	342932	20.00	ng	-0.02
86) Perylene-d12	15.59	264	275139	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1212860	124.60	ng	-0.01
7) Phenol-d6	6.59	99	1659290	132.48	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1150069	96.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	306543	123.77	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1605387	84.93	ng	-0.01
78) Terphenyl-d14	13.07	244	1074632	73.63	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	156796	10.70	ng	Qvalue # 65
49) Dimethylphthalate	9.71	163	228253	9.90	ng	100

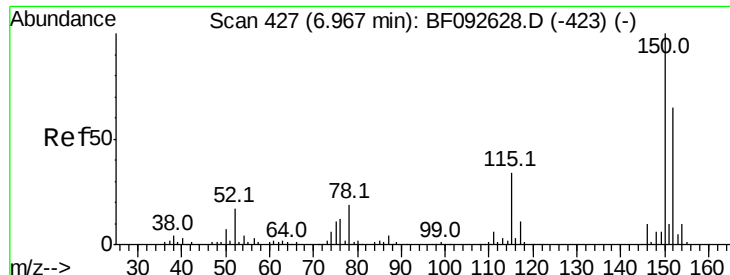
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

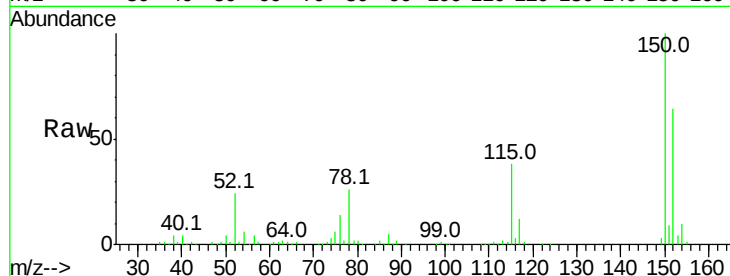
Tot Ion:152 Resp: 167003

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

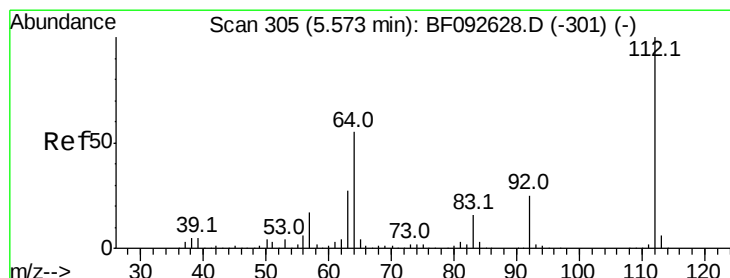
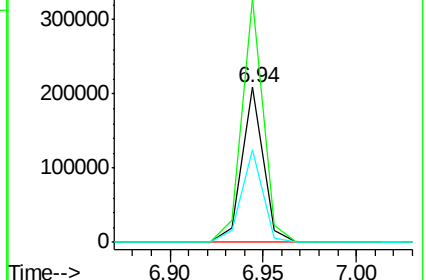
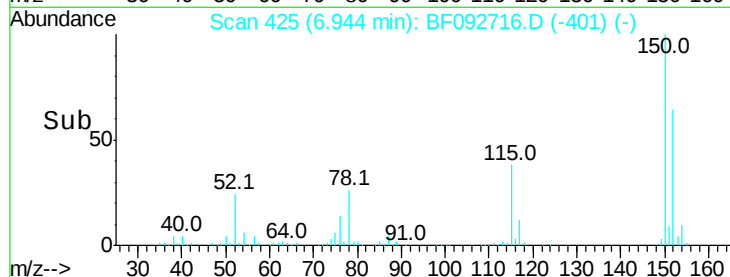
115 59.5 46.0 69.0



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: 124.60 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

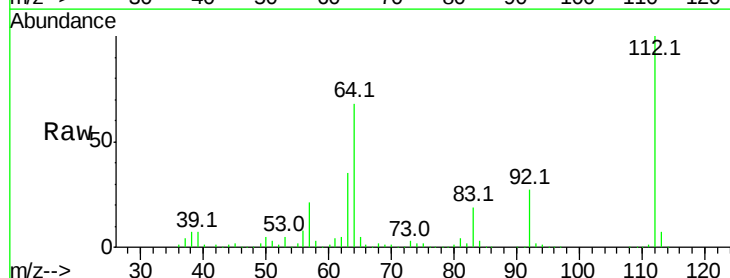
Tgt Ion:112 Resp: 1212860

Ion Ratio Lower Upper

112 100

64 68.1 46.1 69.1

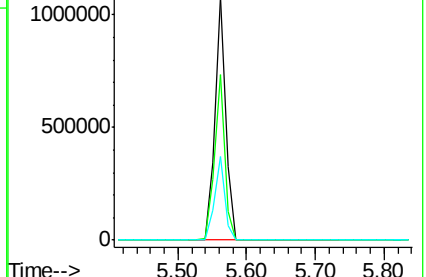
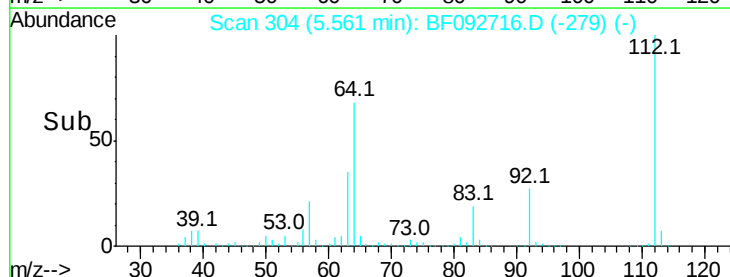
63 34.6 23.8 35.6

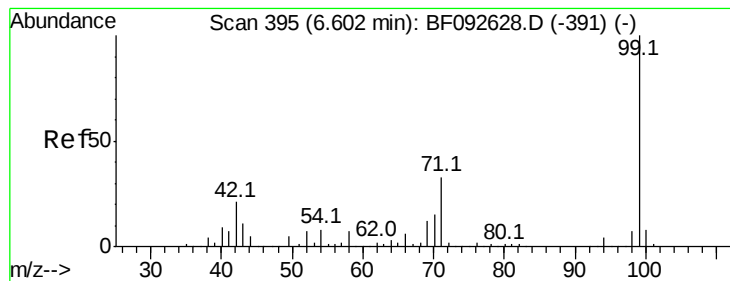


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.48 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

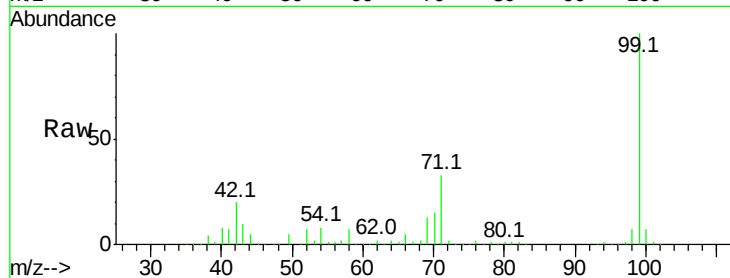
Tot Ion: 99 Resp: 1659290

Ion Ratio Lower Upper

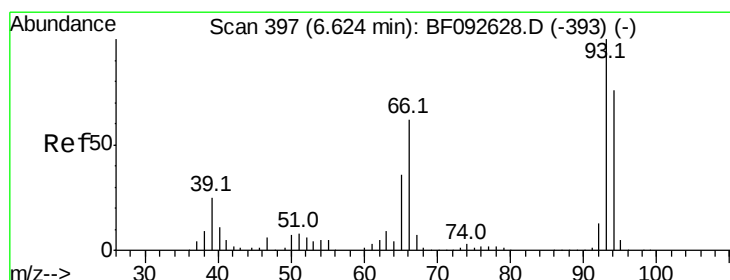
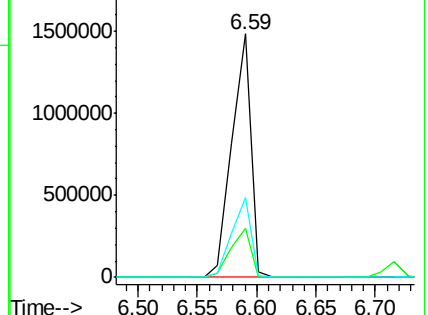
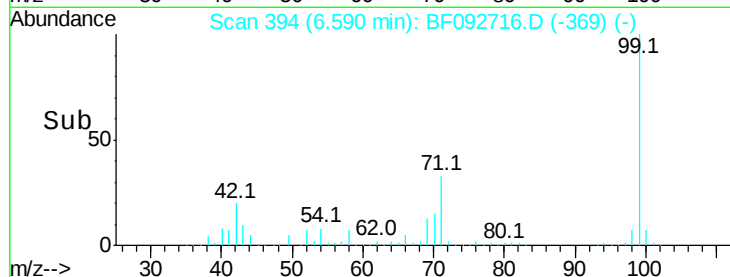
99 100

42 20.2 15.6 23.4

71 32.8 27.5 41.3



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



#10

Phenol

Concen: 10.70 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

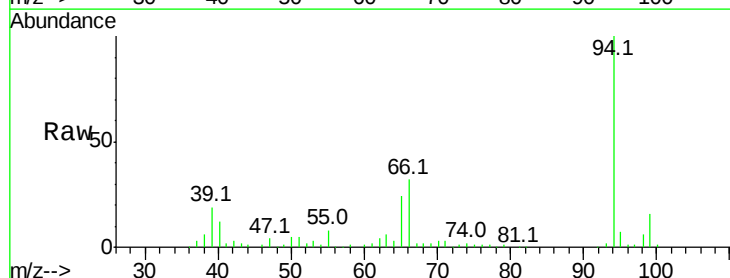
Tgt Ion: 94 Resp: 156796

Ion Ratio Lower Upper

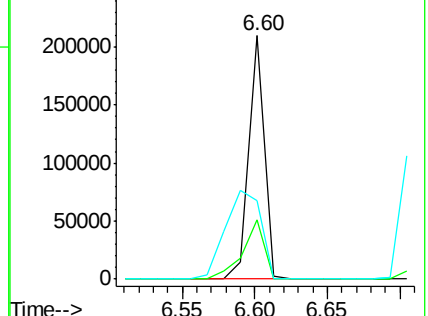
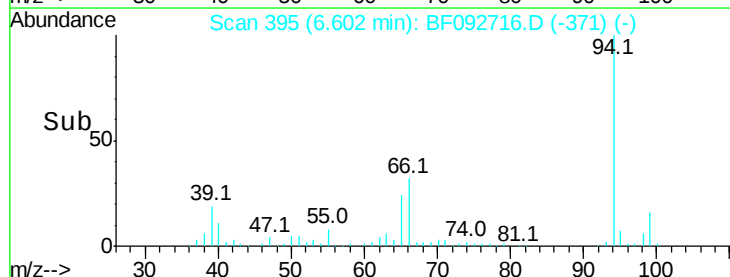
94 100

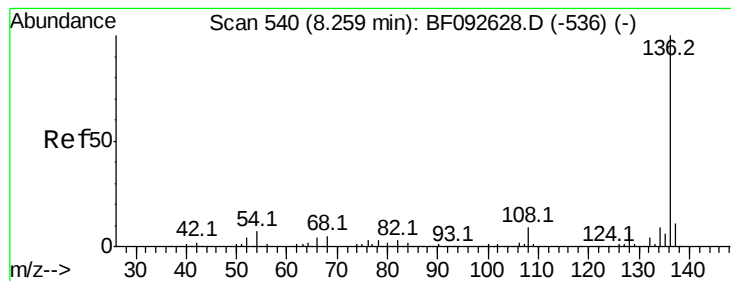
65 24.4 21.4 61.4

66 32.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

Tot Ion:136 Resp: 663020

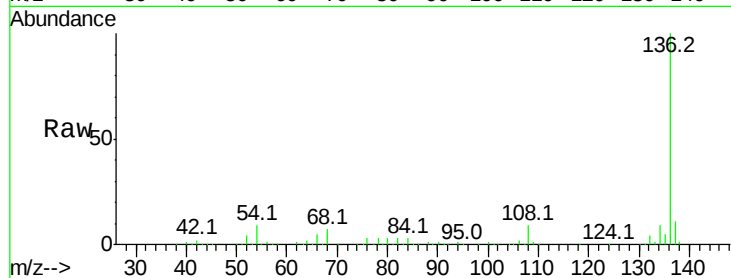
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.4 4.5 6.7#

68 6.6 3.6 5.4#

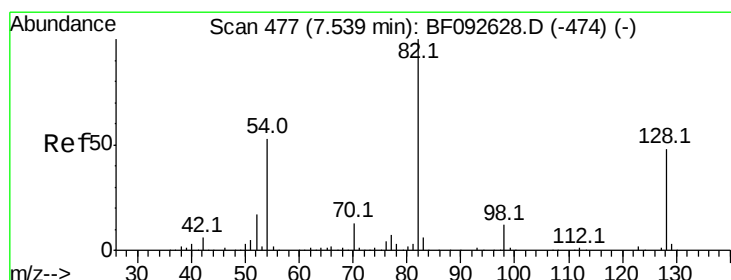
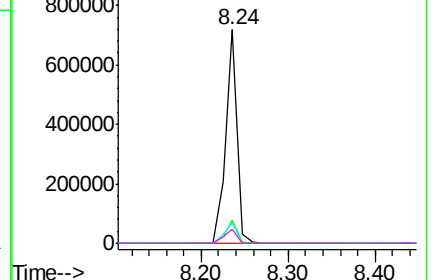
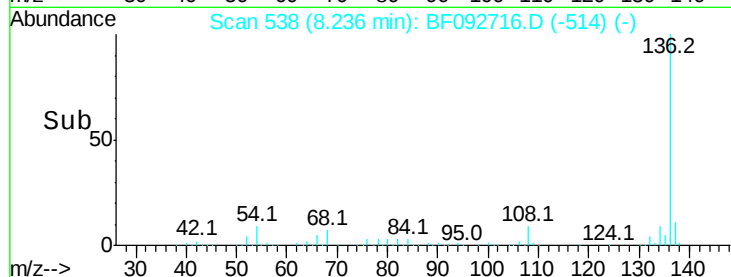


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.59 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

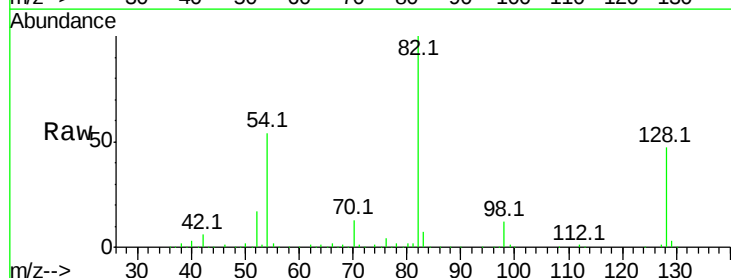
Tgt Ion: 82 Resp: 1150069

Ion Ratio Lower Upper

82 100

128 47.3 34.6 52.0

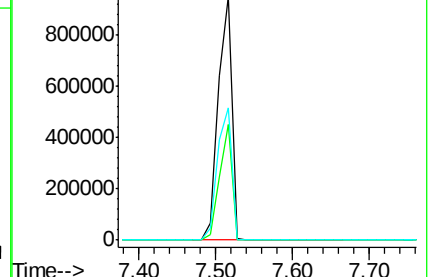
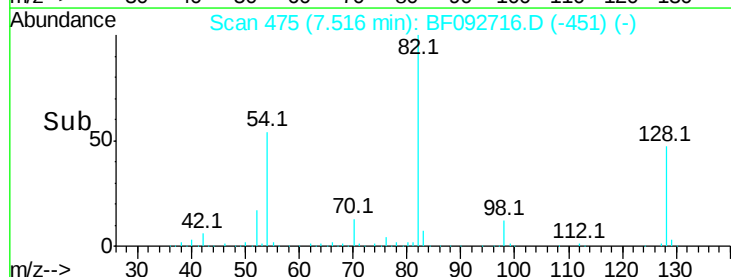
54 54.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

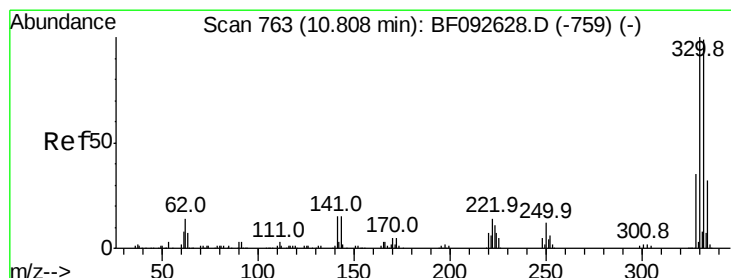
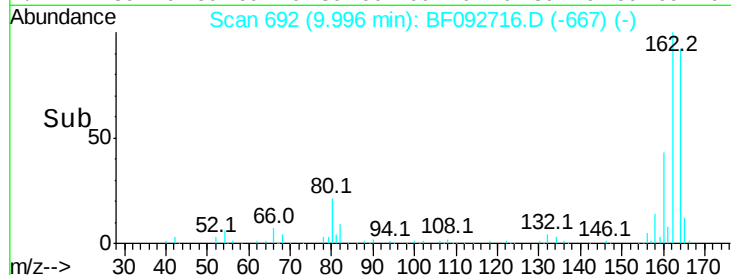
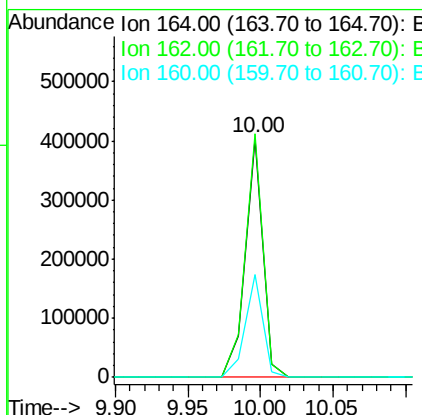
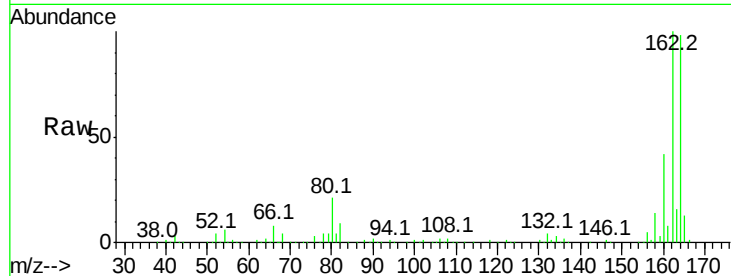




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

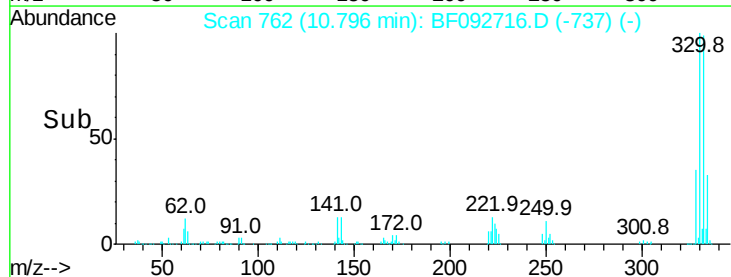
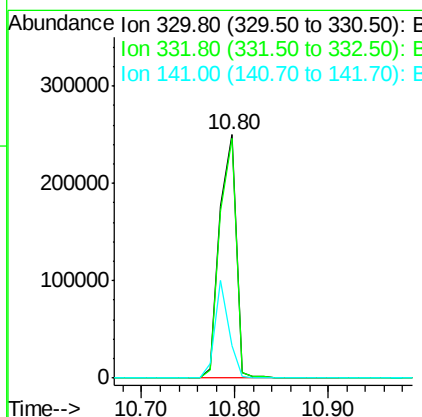
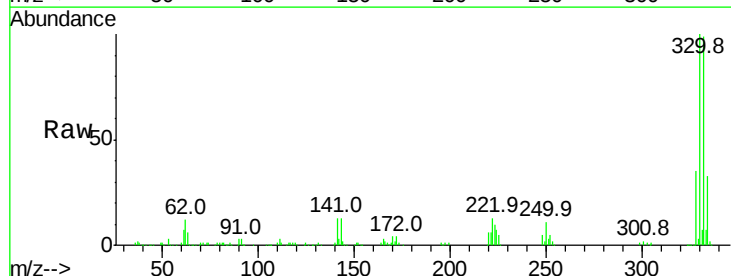
Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

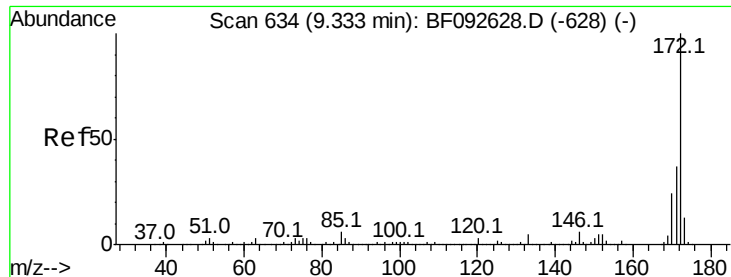
Tot Ion:164 Resp: 342448
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 43.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 123.77 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:330 Resp: 306543
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.2
141 33.9 34.1 51.1#



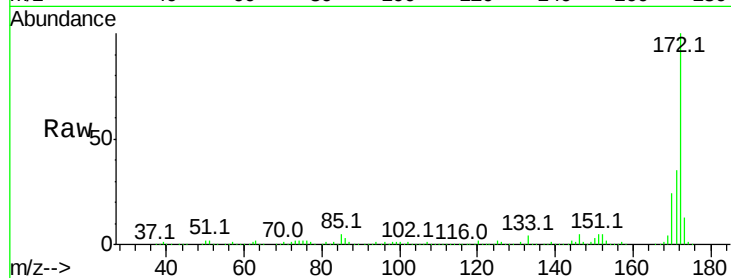


#44
 2-Fluorobiphenyl
 Concen: 84.93 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

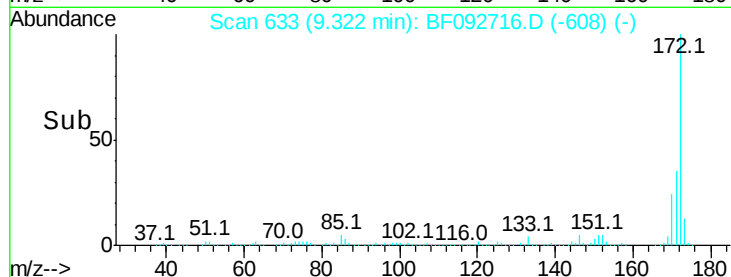
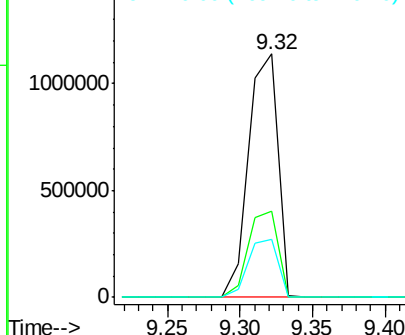
Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Tot Ion:172 Resp: 1605387

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.0	20.2	30.4



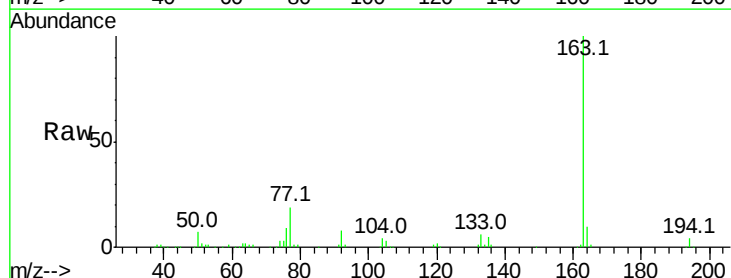
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



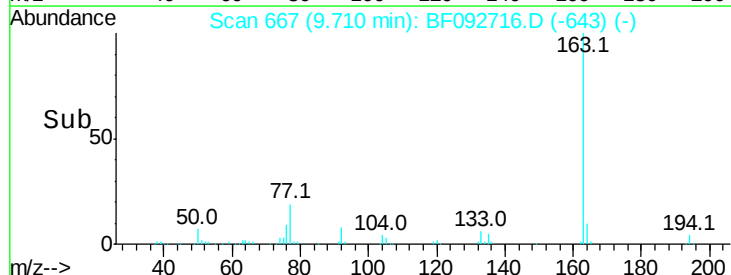
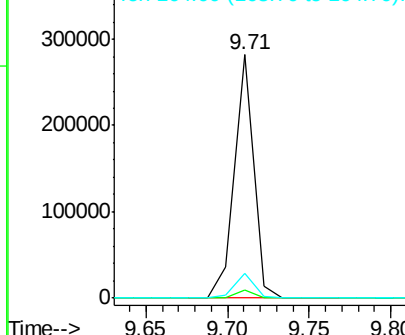
#49
 Dimethylphthalate
 Concen: 9.90 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

Tgt Ion:163 Resp: 228253

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.0	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

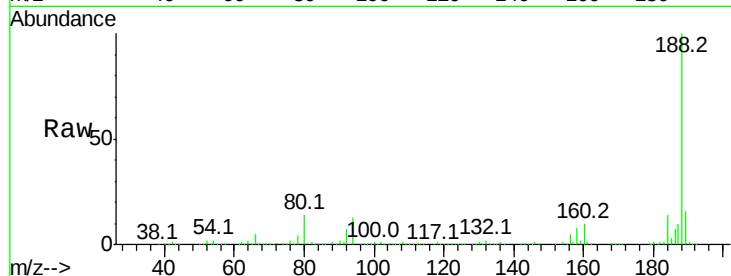




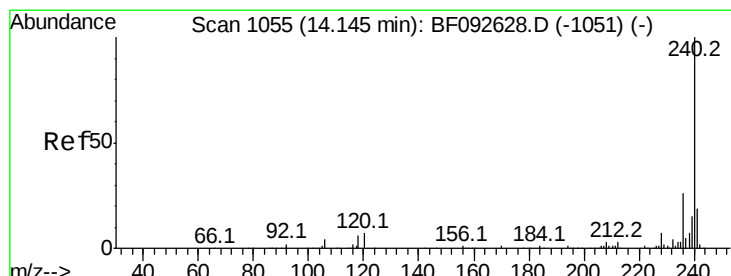
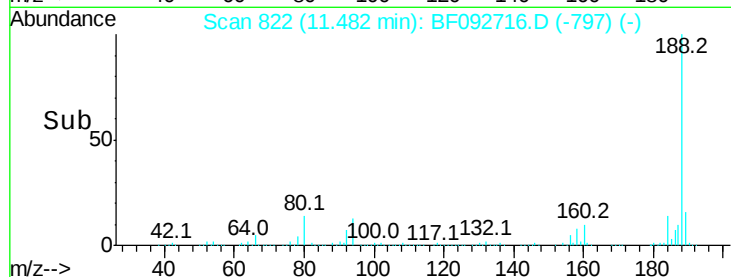
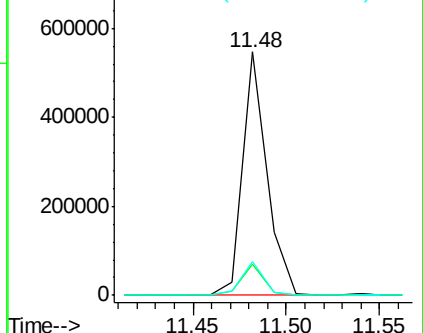
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tot Ion:188 Resp: 497473
Ion Ratio Lower Upper
188 100
94 13.0 10.0 15.0
80 13.7 11.2 16.8

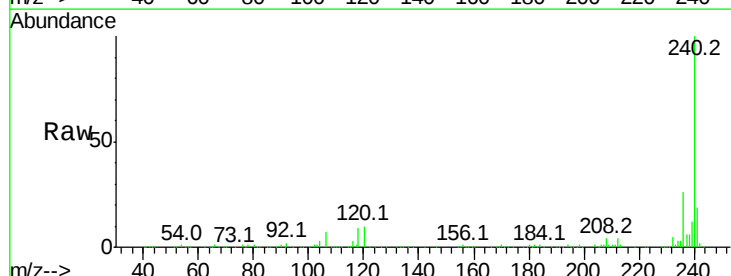


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

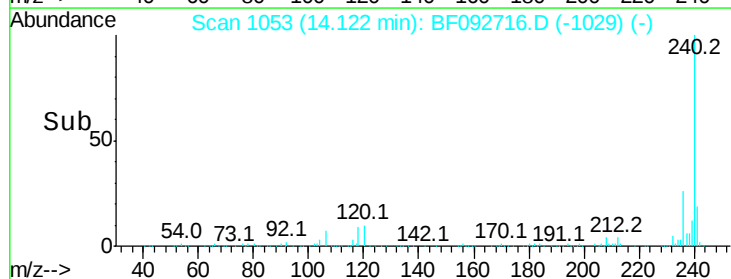
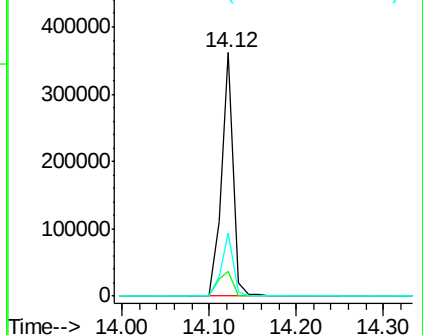


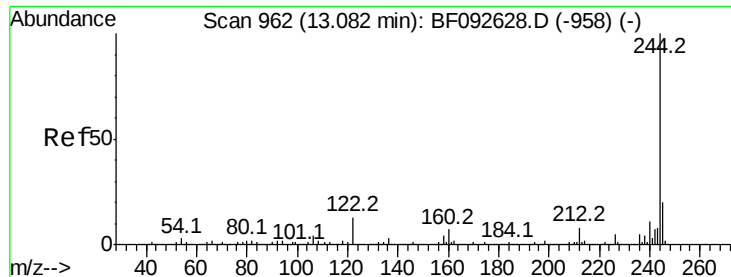
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:240 Resp: 342932
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 25.9 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

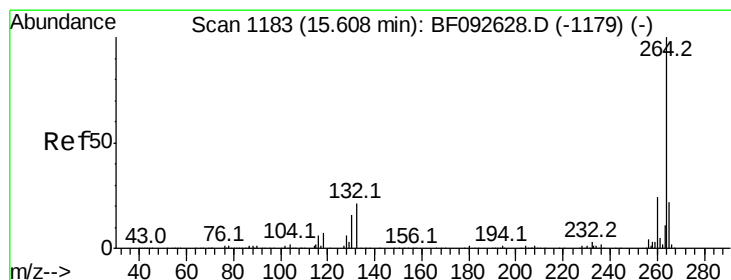
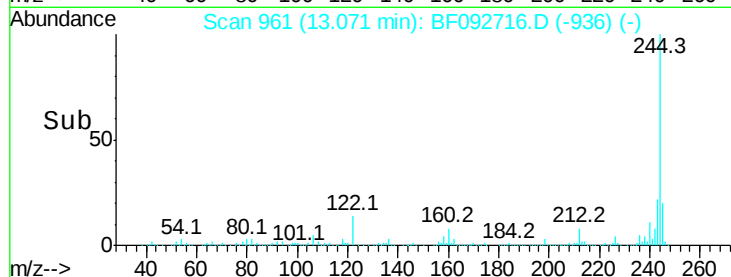
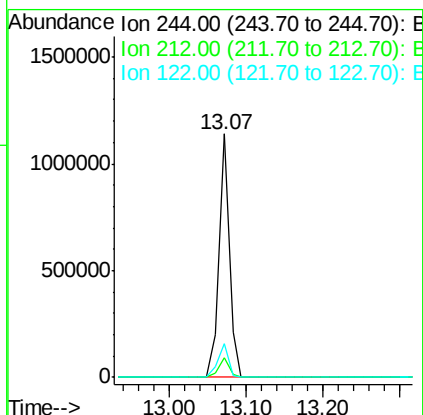
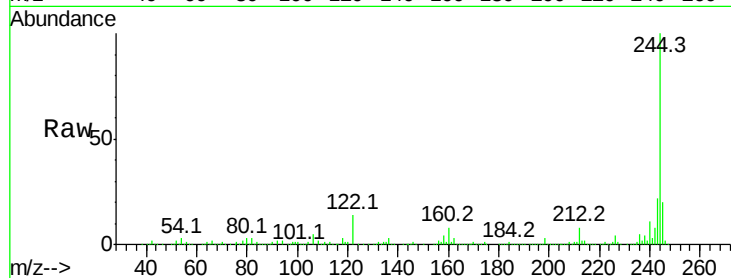




#78
 Terphenyl-d14
 Concen: 73.63 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Tot Ion:244 Resp: 1074632
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

Tgt Ion:264 Resp: 275139
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.8 17.4 26.0

