

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092722.D
 Acq On : 1 Feb 2017 23:25
 Operator : SJ/MA
 Sample : I1593-12RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-8RE

Quant Time: Feb 02 00:26:05 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

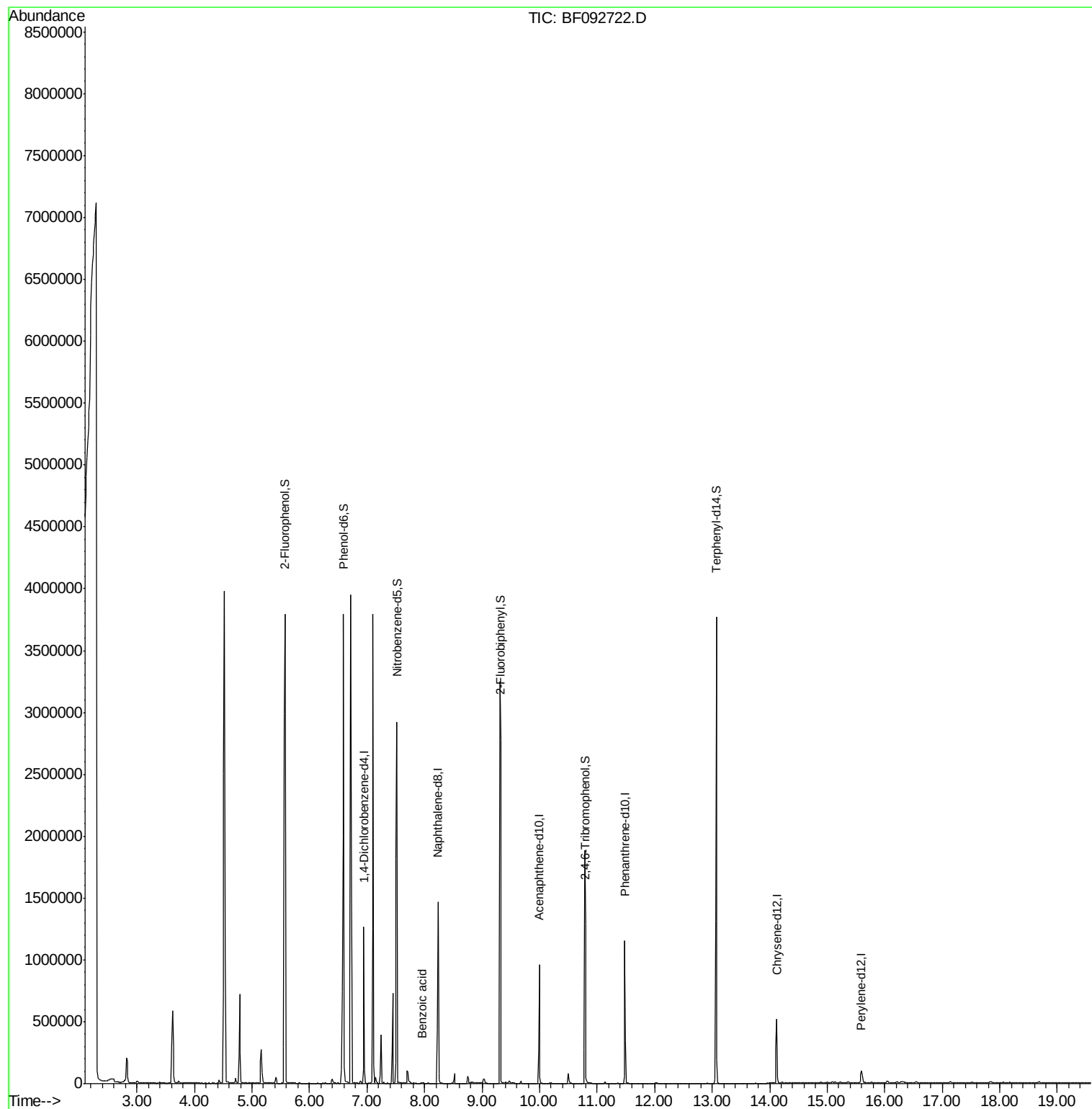
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	162959	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	645584	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	183446	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	404244	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	172057	20.00	ng	-0.02
86) Perylene-d12	15.59	264	10563	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1357543	142.92	ng	0.00
7) Phenol-d6	6.59	99	1288139	105.40	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1144065	98.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	315503	237.79	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1581594	156.19	ng	-0.01
78) Terphenyl-d14	13.07	244	1112481	151.92	ng	-0.01
Target Compounds						
32) Benzoic acid	7.95	122	2300	7.51	ng	Qvalue 86

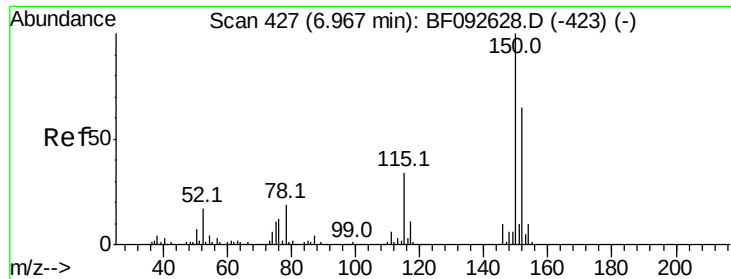
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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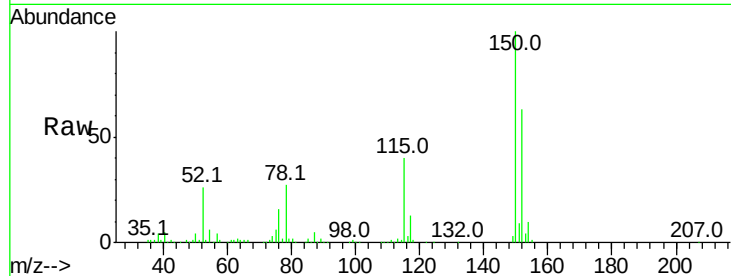


#1

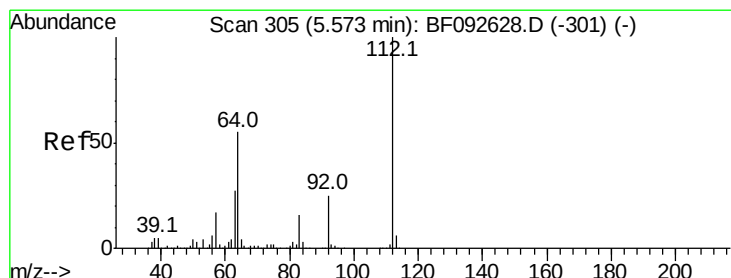
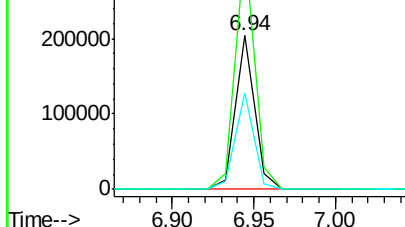
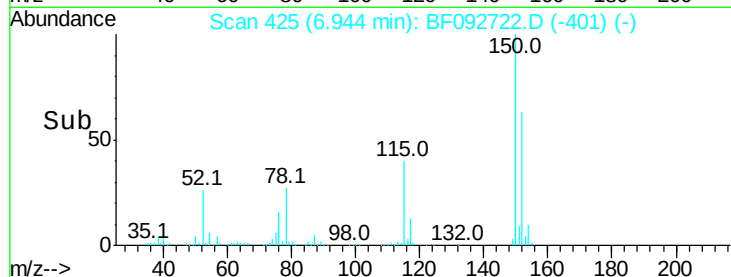
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092722.D
Acq: 1 Feb 2017 23:25

Instrument :
BNA_F
ClientSampleId :
B2-8RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.9	187.3
115	63.2	46.0	69.0



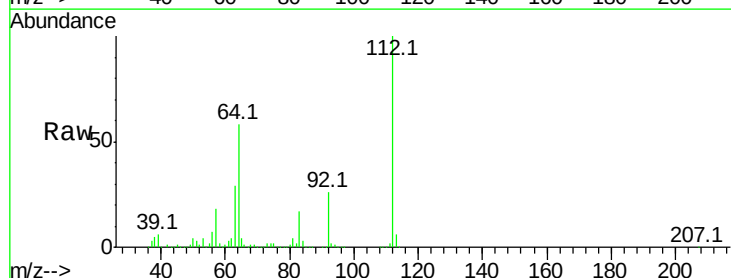
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



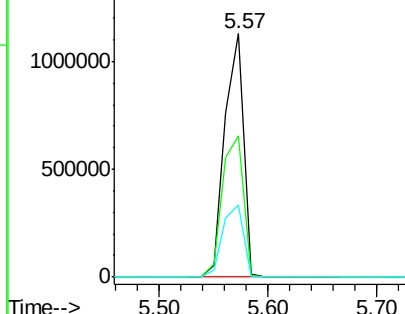
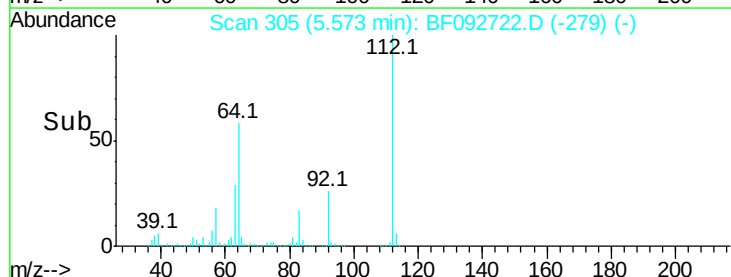
#5

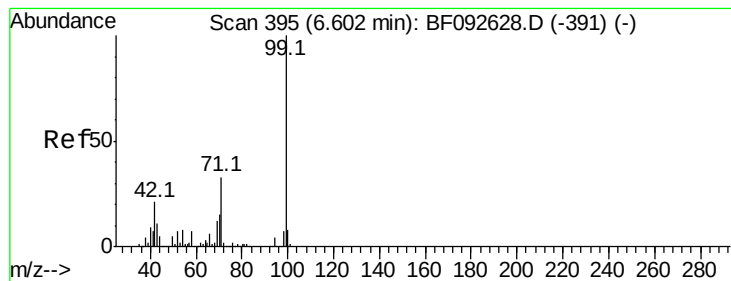
2-Fluorophenol
Concen: 142.92 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092722.D
Acq: 1 Feb 2017 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.1	69.1
63	29.4	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: 105.40 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

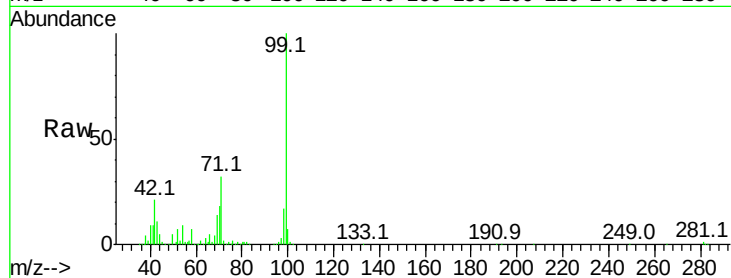
BNA_F

ClientSampleId :

B2-8RE

Tot Ion: 99 Resp: 1288139

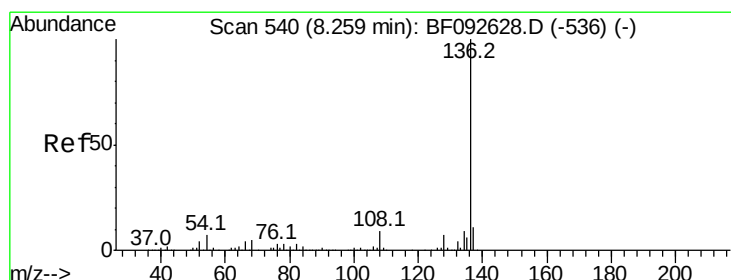
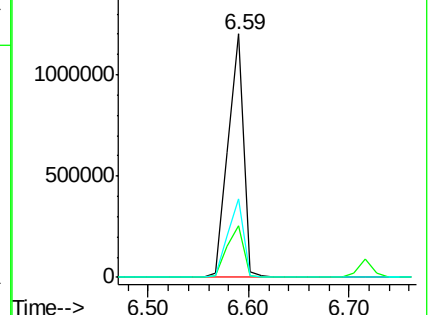
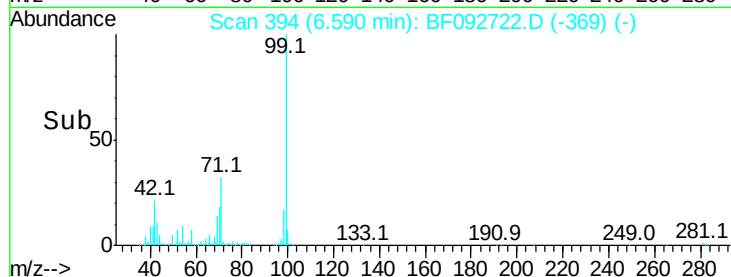
Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.6	23.4
71	32.0	27.5	41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

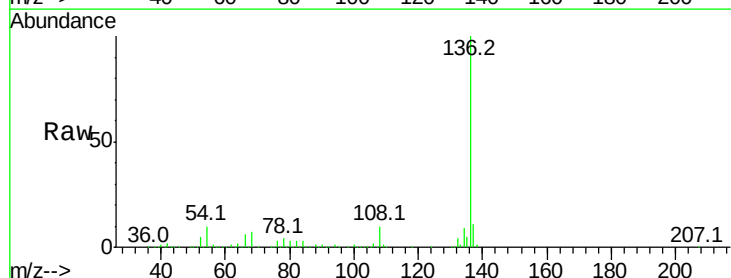
Delta R.T. -0.02 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Tgt Ion: 136 Resp: 645584

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.7	4.5	6.7#
68	6.7	3.6	5.4#

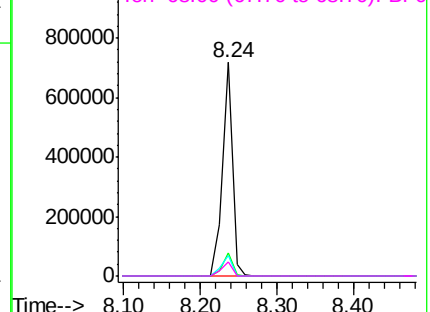
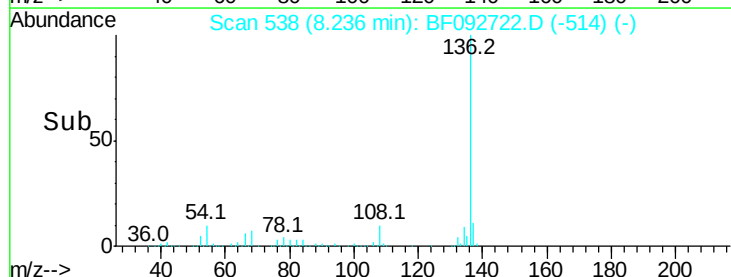


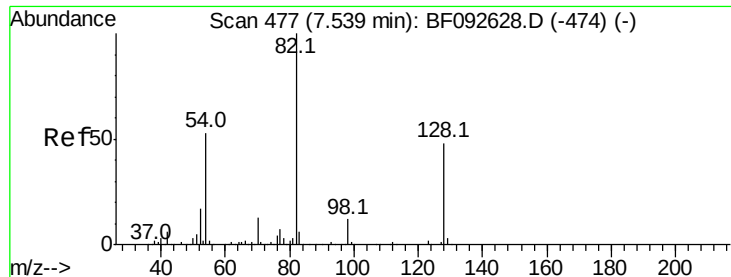
Abundance Ion 136.00 (135.70 to 136.70): E

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

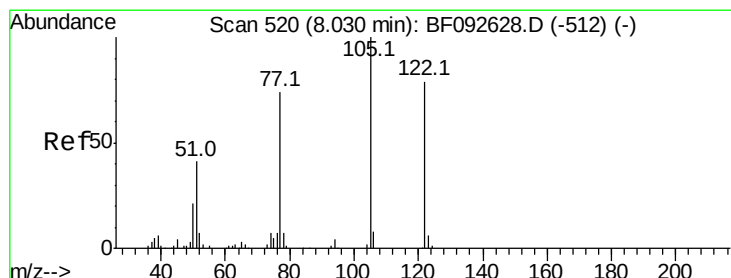
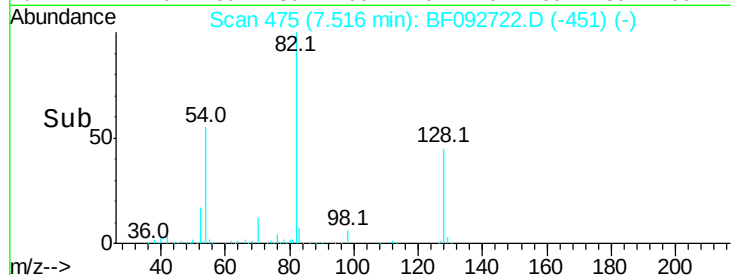
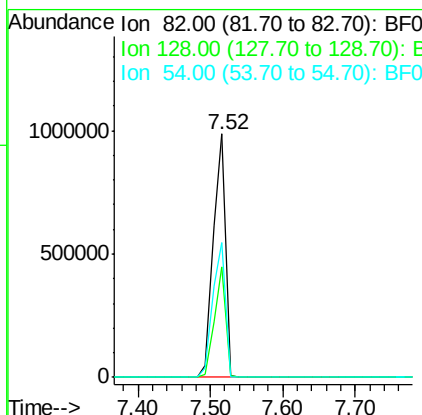
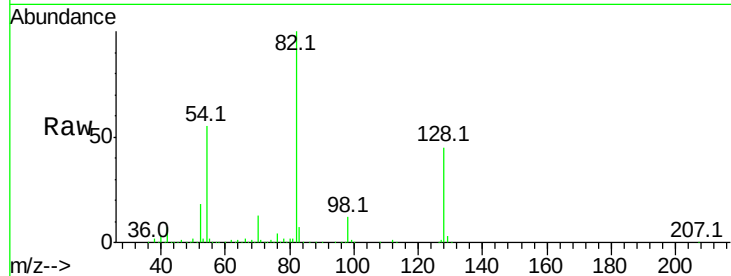




#23
 Nitrobenzene-d5
 Concen: 98.69 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092722.D
 Acq: 1 Feb 2017 23:25

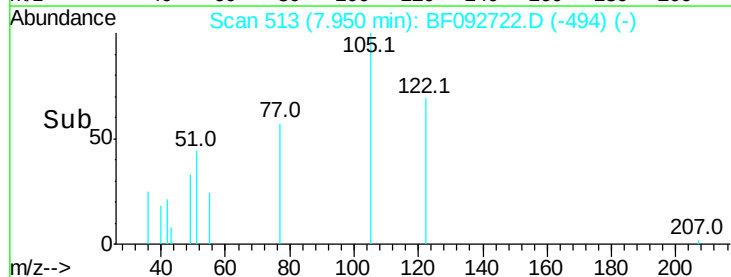
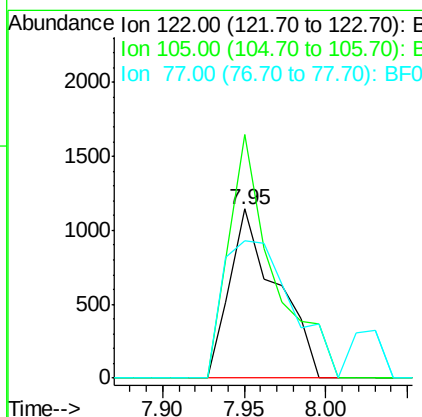
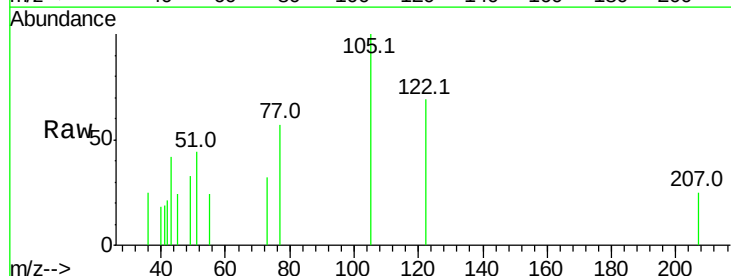
Instrument :
 BNA_F
 ClientSampleId :
 B2-8RE

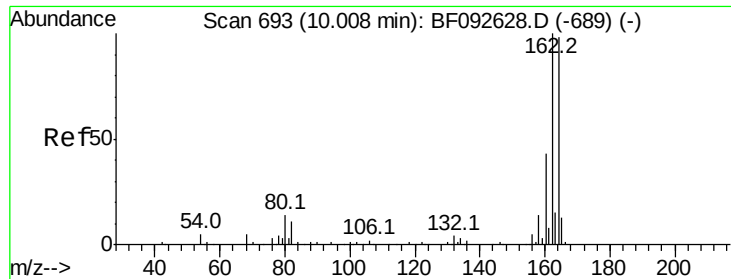
Tot Ion: 82 Resp: 1144065
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 55.4 39.5 59.3



#32
 Benzoic acid
 Concen: 7.51 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.08 min
 Lab File: BF092722.D
 Acq: 1 Feb 2017 23:25

Tgt Ion: 122 Resp: 2300
 Ion Ratio Lower Upper
 122 100
 105 144.2 107.2 147.2
 77 81.6 74.5 114.5

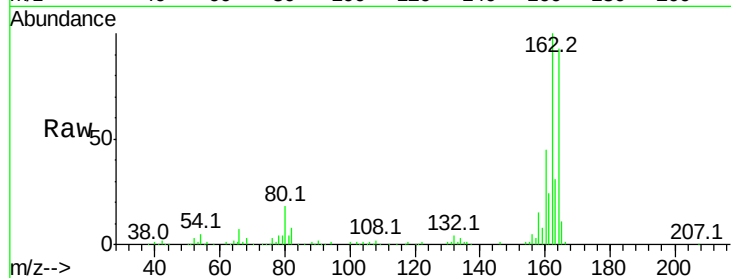




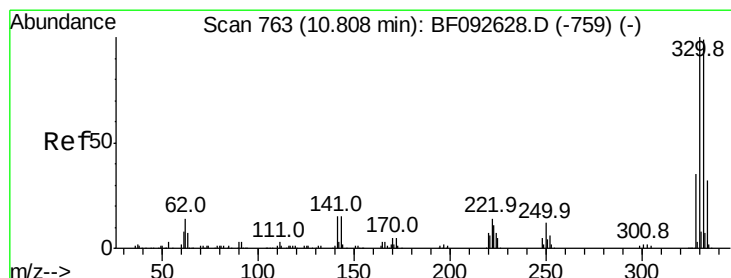
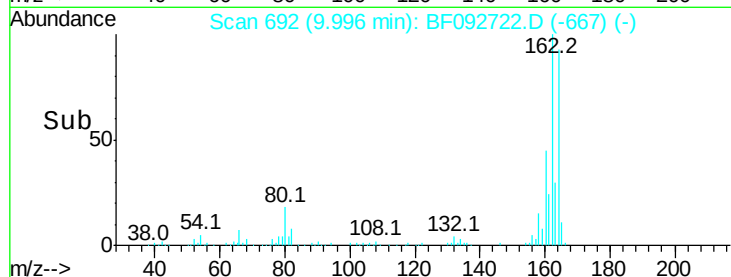
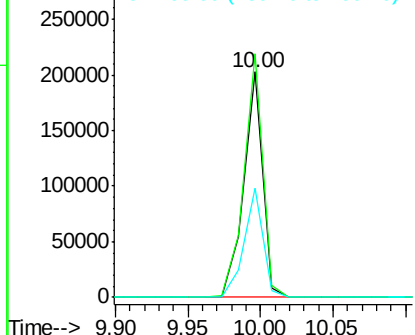
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092722.D
Acq: 1 Feb 2017 23:25

Instrument :
BNA_F
ClientSampled :
B2-8RE

Tot Ion:164 Resp: 183446
Ion Ratio Lower Upper
164 100
162 108.0 80.2 120.2
160 48.5 36.9 55.3

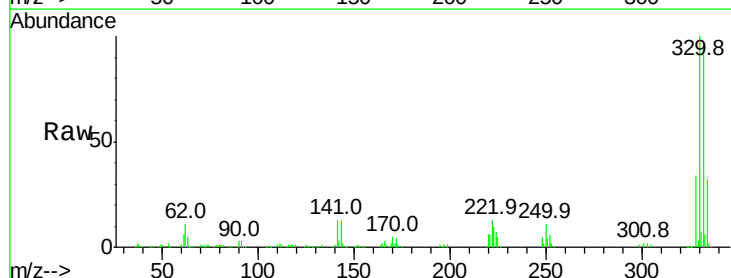


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

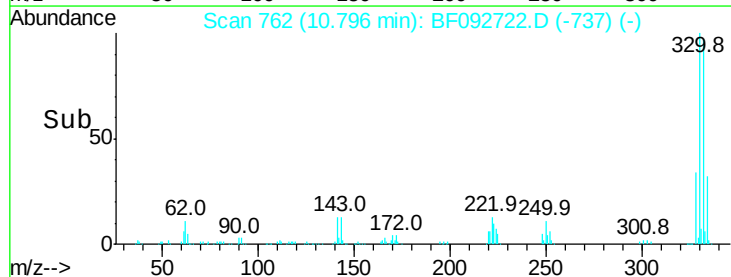
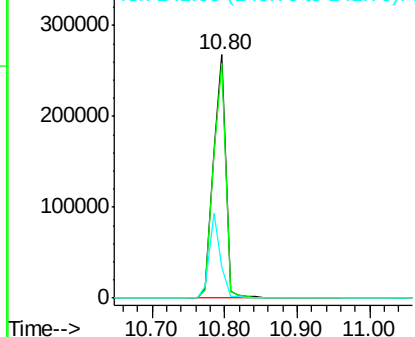


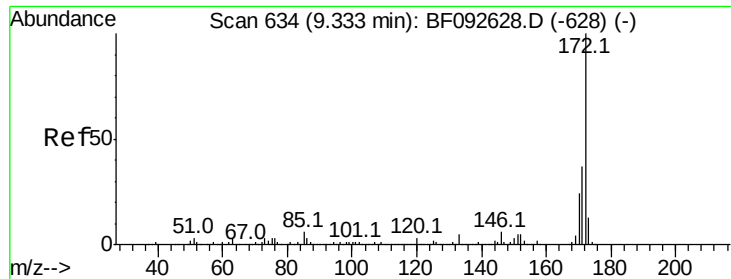
#41
2,4,6-Tribromophenol
Concen: 237.79 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092722.D
Acq: 1 Feb 2017 23:25

Tgt Ion:330 Resp: 315503
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 31.6 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: 156.19 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampled :

B2-8RE

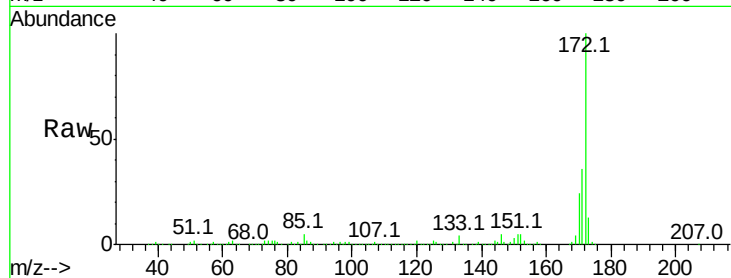
Tot Ion:172 Resp: 1581594

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

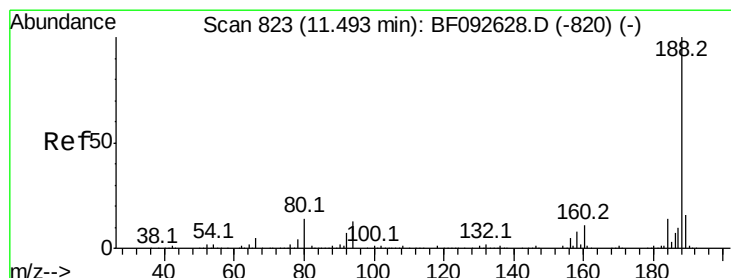
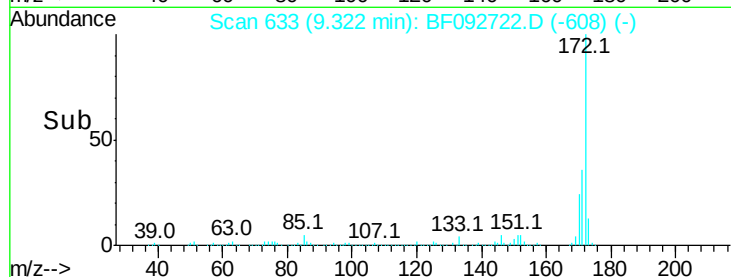
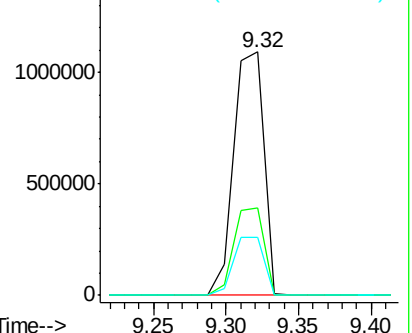
170 23.7 20.2 30.4



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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

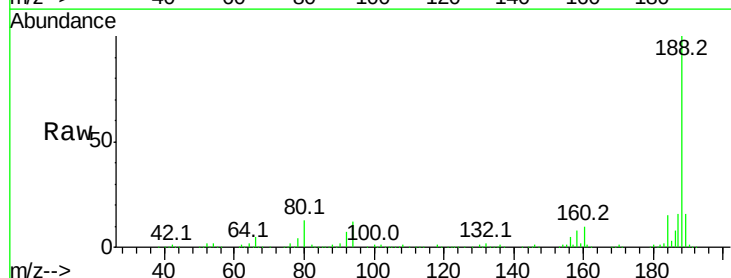
Tgt Ion:188 Resp: 404244

Ion Ratio Lower Upper

188 100

94 12.0 10.0 15.0

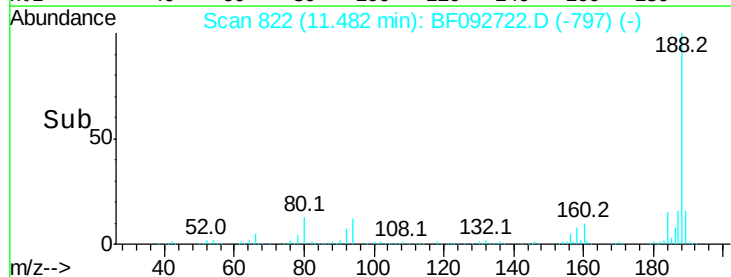
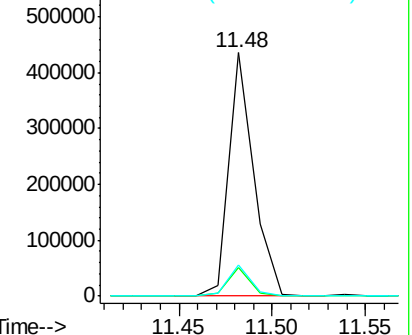
80 13.0 11.2 16.8

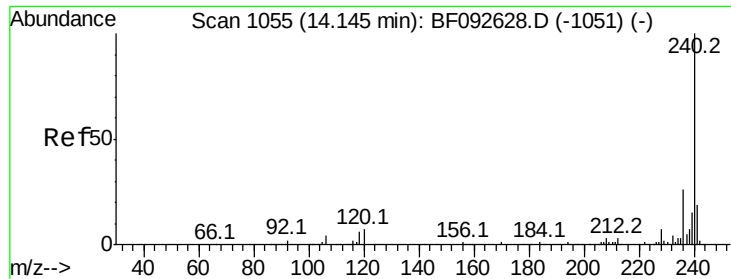


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF092722.D

Acq: 1 Feb 2017 23:25

Instrument :

BNA_F

ClientSampleId :

B2-8RE

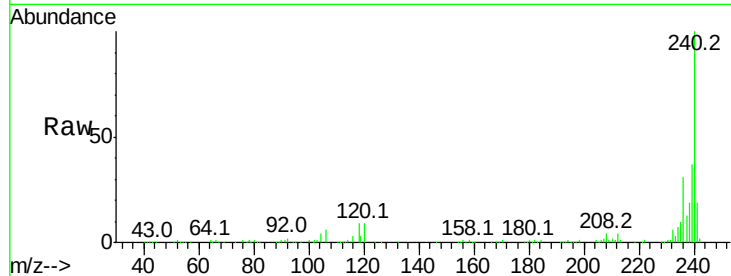
Tot Ion:240 Resp: 172057

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

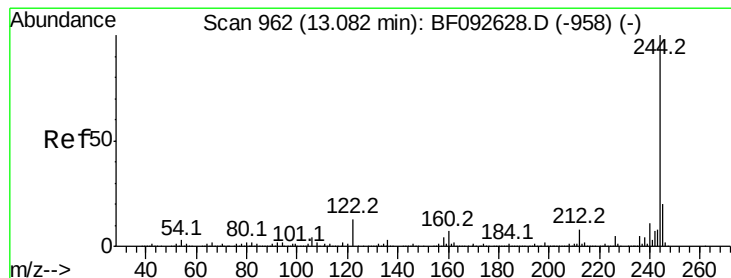
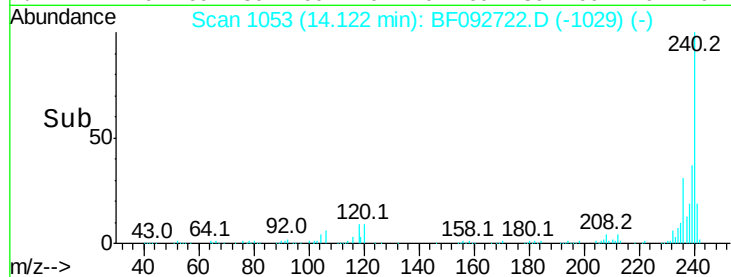
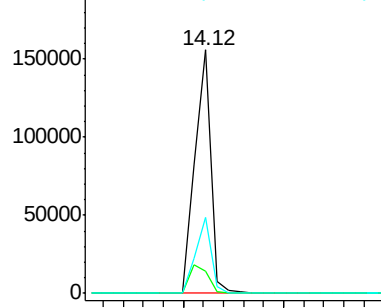
236 31.3 20.9 31.3



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: 151.92 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092722.D

Acq: 1 Feb 2017 23:25

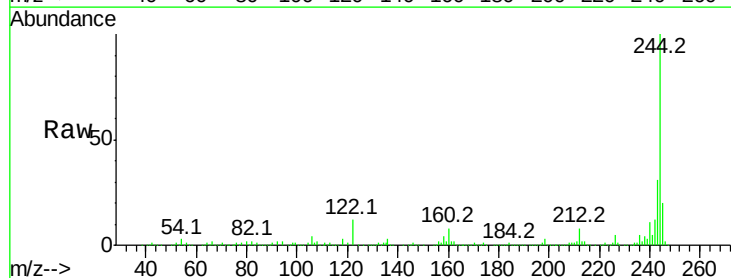
Tgt Ion:244 Resp: 1112481

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

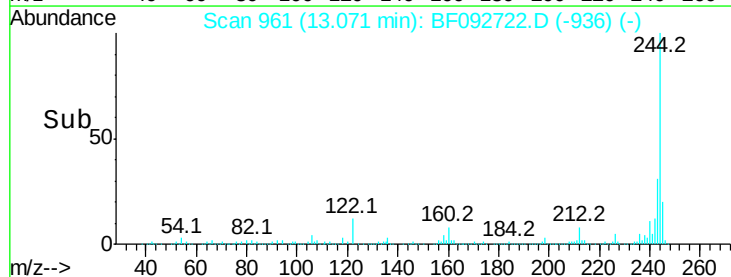
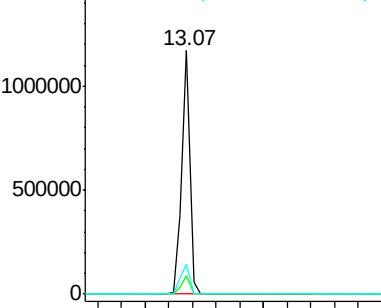
122 12.0 11.4 17.2

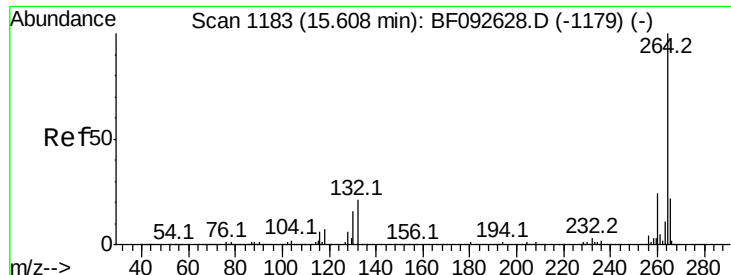


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

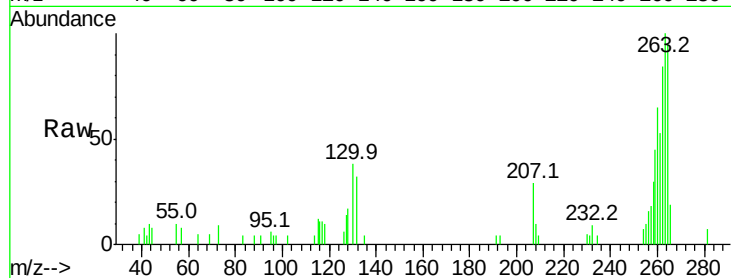




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092722.D
 Acq: 1 Feb 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 B2-8RE

Tot Ion: 264 Resp: 10563
 Ion Ratio Lower Upper
 264 100
 260 68.8 19.2 28.8#
 265 20.0 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

