

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092690.D
 Acq On : 31 Jan 2017 19:30
 Operator : SJ/MA
 Sample : I1593-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-6

Quant Time: Feb 01 00:44:30 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

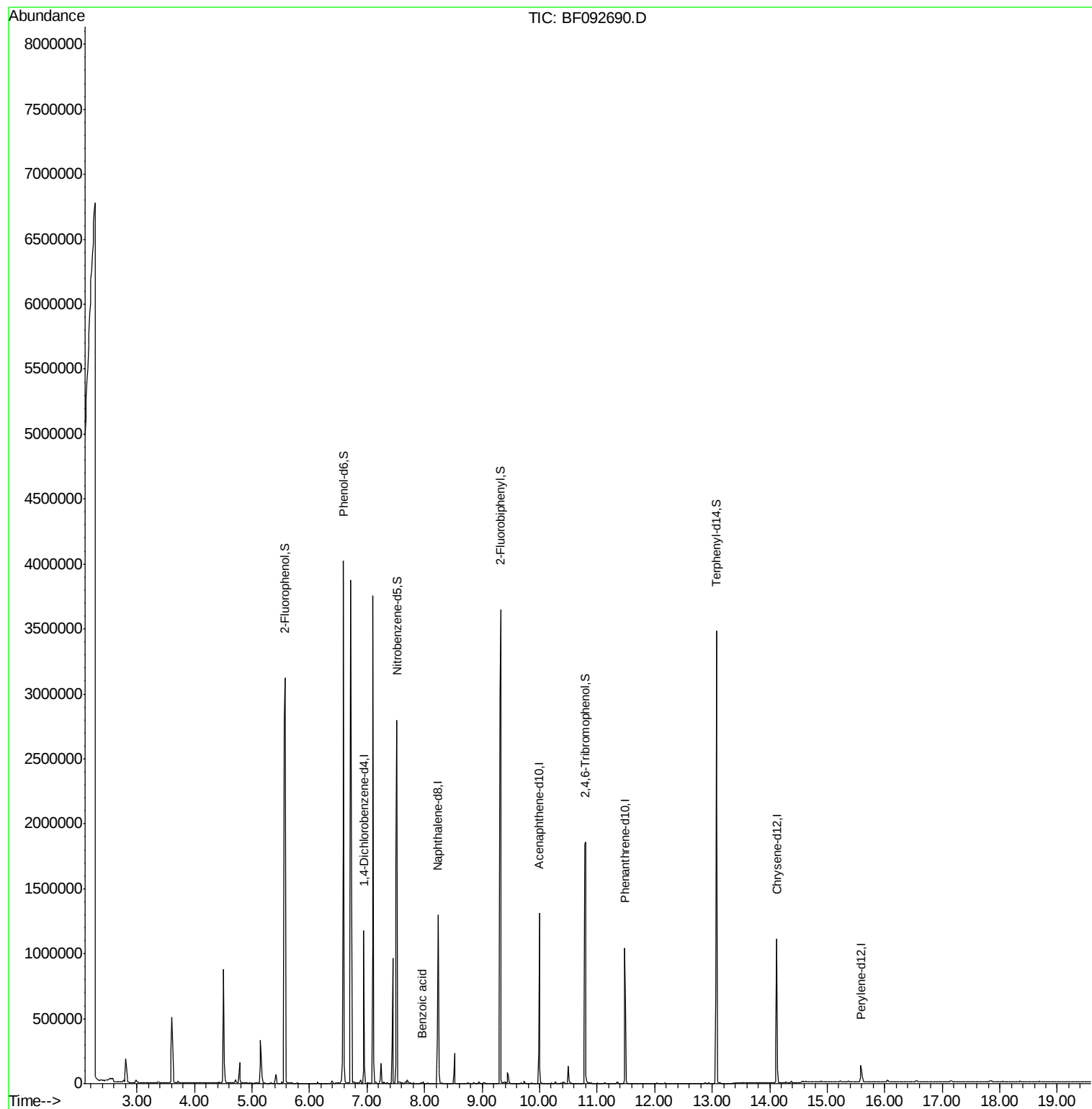
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	151431	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	579412	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	260143	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	482313	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	341557	20.00	ng	-0.02
86) Perylene-d12	15.59	264	37752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1232550	139.64	ng	0.00
7) Phenol-d6	6.59	99	1403224	123.56	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1078050	103.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	348871	185.42	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1698647	118.30	ng	-0.01
78) Terphenyl-d14	13.07	244	1440613	99.10	ng	-0.01
Target Compounds						
32) Benzoic acid	7.95	122	2501	7.59	ng	Qvalue 92

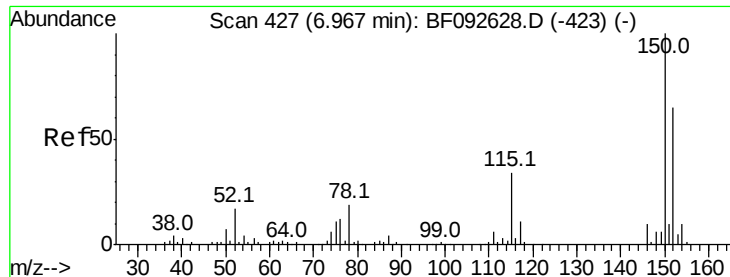
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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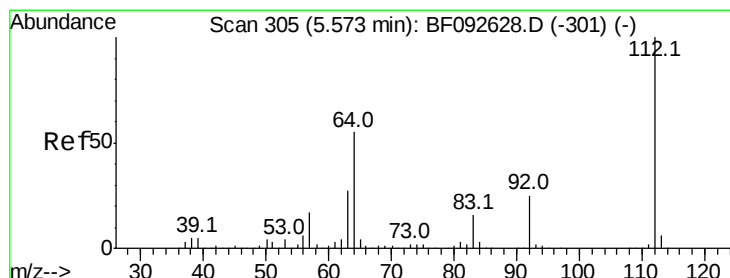
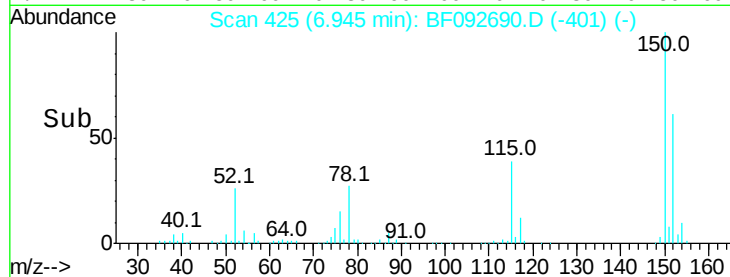
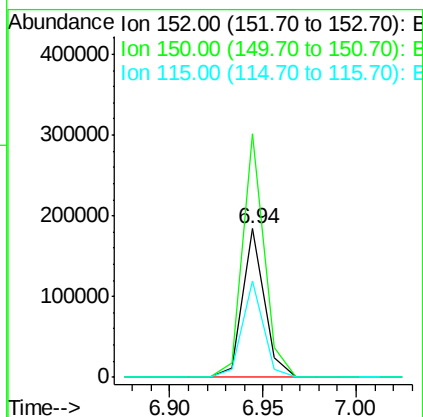
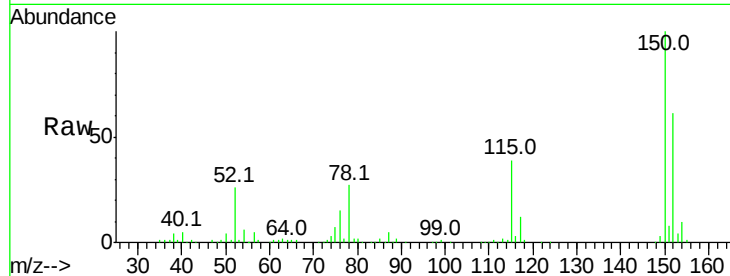


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092690.D
Acq: 31 Jan 2017 19:30

Instrument :
BNA_F
ClientSampled :
B2-6

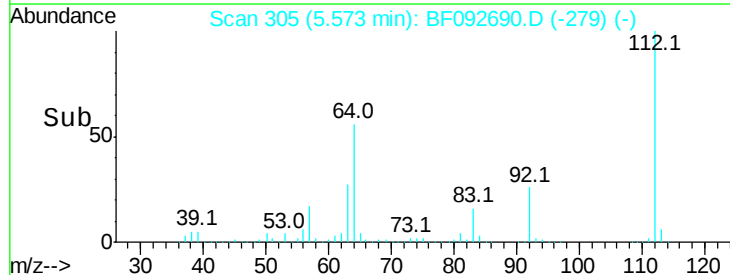
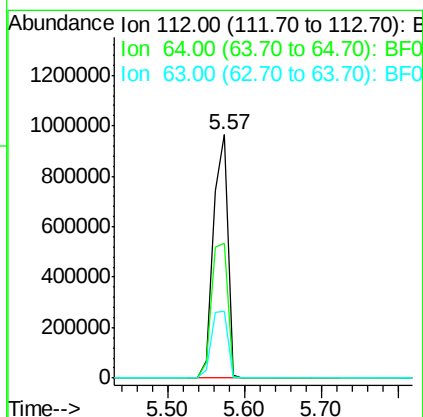
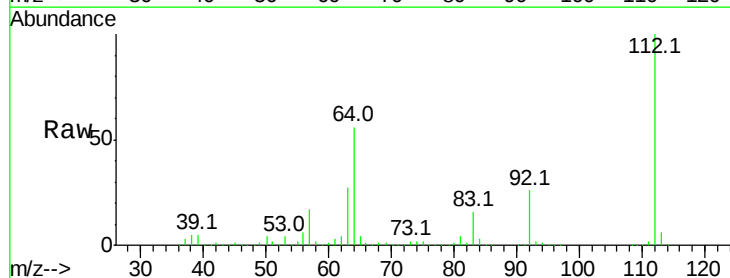
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	124.9	187.3
115	64.4	46.0	69.0

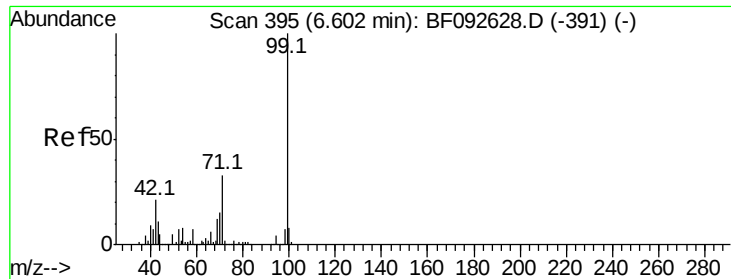


#5

2-Fluorophenol
Concen: 139.64 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092690.D
Acq: 31 Jan 2017 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.1	69.1
63	27.4	23.8	35.6





#7

Phenol-d6

Concen: 123.56 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092690.D

Acq: 31 Jan 2017 19:30

Instrument :

BNA_F

ClientSampleId :

B2-6

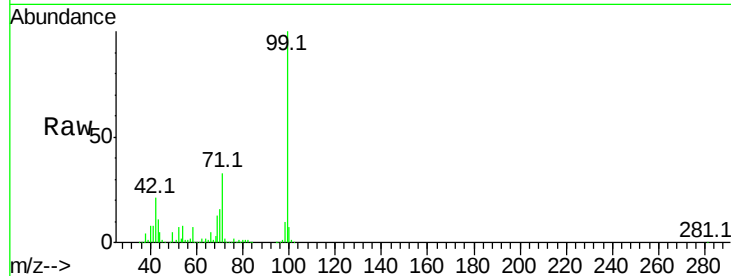
Tot Ion: 99 Resp: 1403224

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

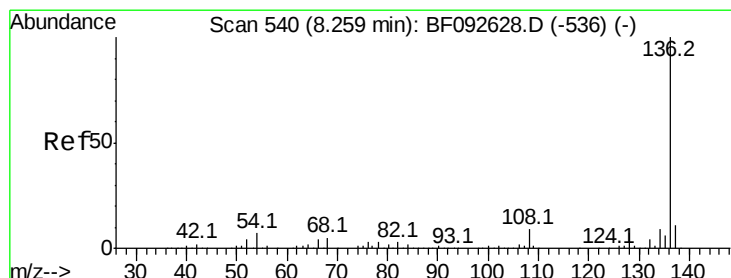
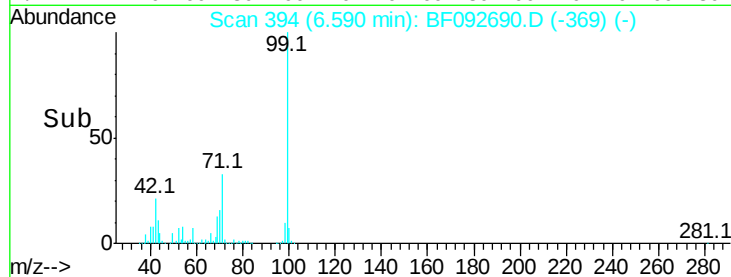
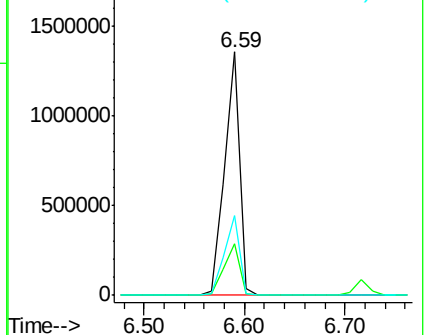
71 32.7 27.5 41.3



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: BF092690.D

Acq: 31 Jan 2017 19:30

Tgt Ion: 136 Resp: 579412

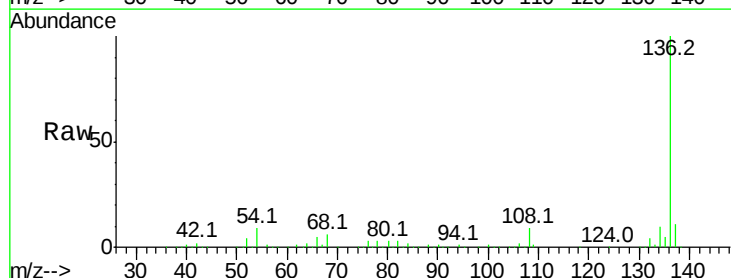
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 9.1 4.5 6.7#

68 6.0 3.6 5.4#

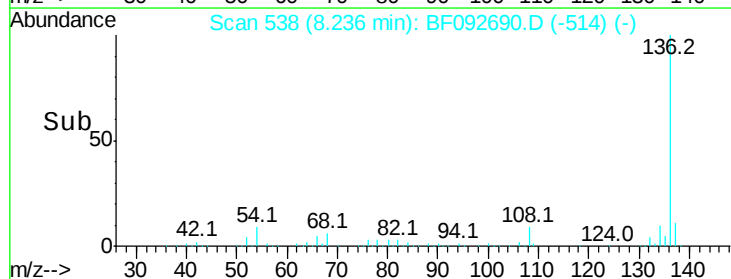
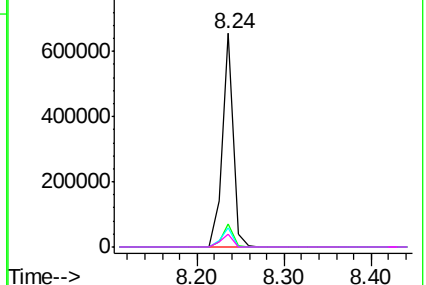


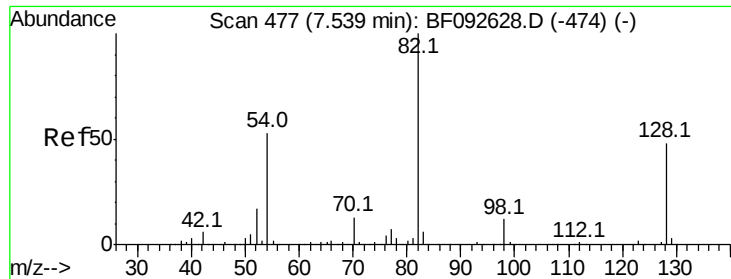
Abundance Ion 136.00 (135.70 to 136.70): E

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

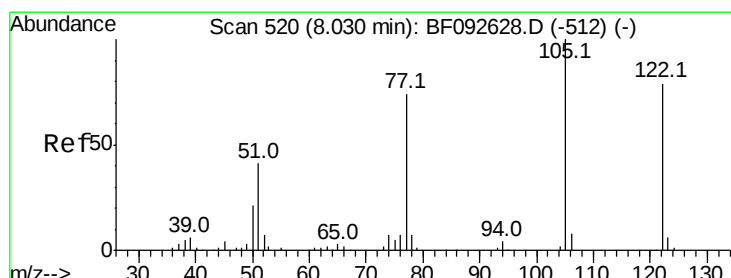
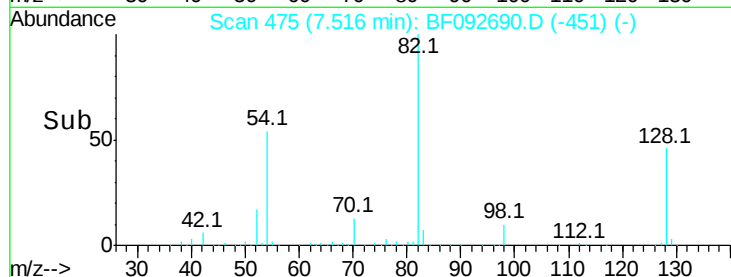
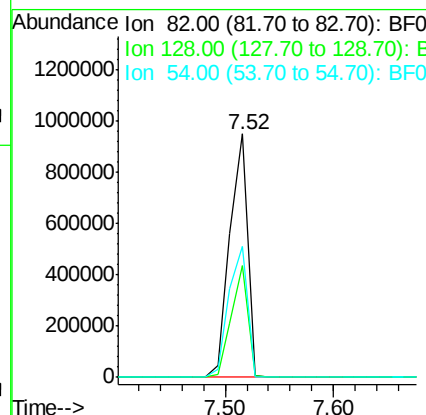
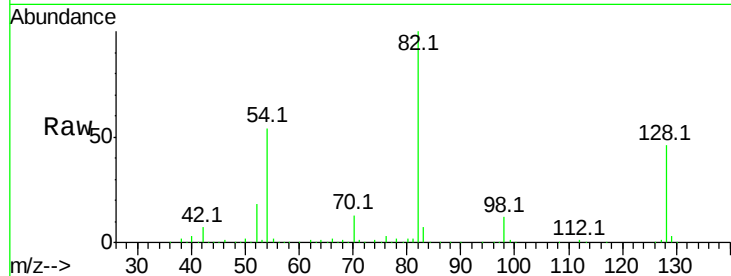




#23
 Nitrobenzene-d5
 Concen: 103.61 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092690.D
 Acq: 31 Jan 2017 19:30

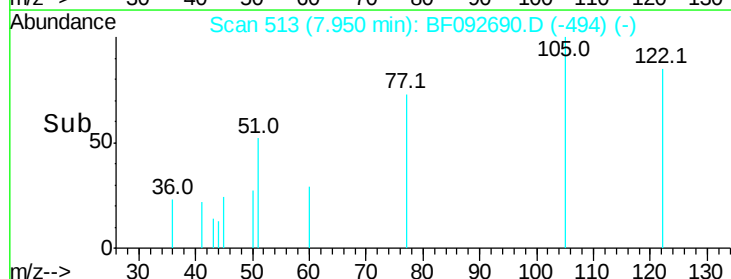
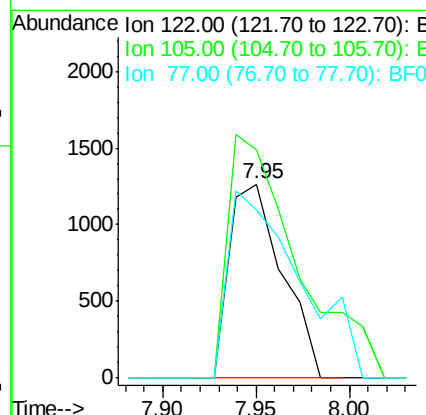
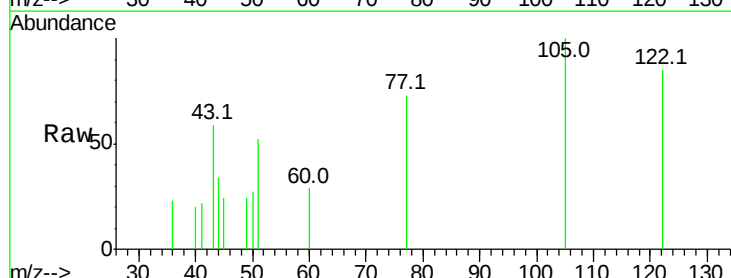
Instrument :
 BNA_F
 ClientSampleID :
 B2-6

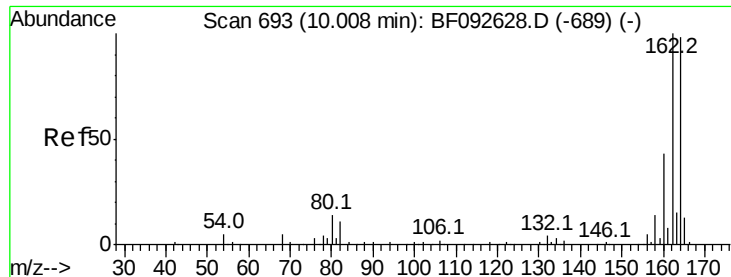
Tot Ion: 82 Resp: 1078050
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.6 52.0
 54 54.0 39.5 59.3



#32
 Benzoic acid
 Concen: 7.59 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.08 min
 Lab File: BF092690.D
 Acq: 31 Jan 2017 19:30

Tgt Ion:122 Resp: 2501
 Ion Ratio Lower Upper
 122 100
 105 117.9 107.2 147.2
 77 86.4 74.5 114.5

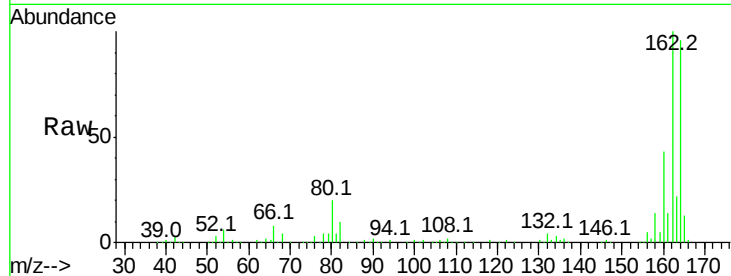




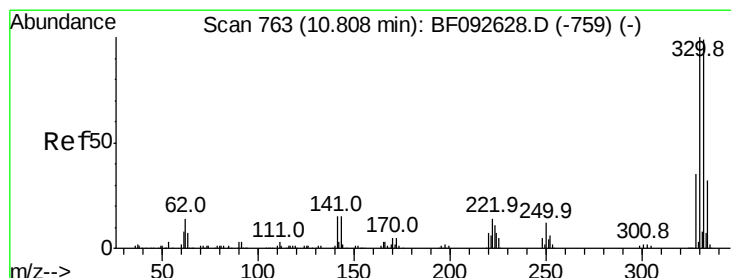
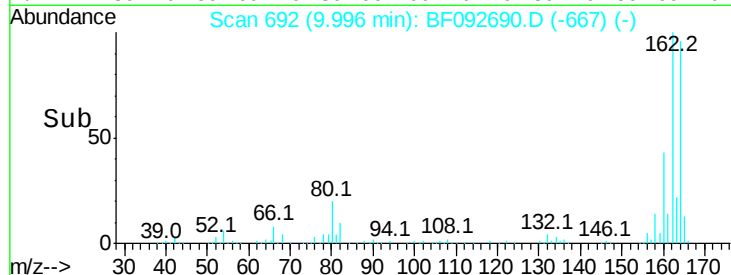
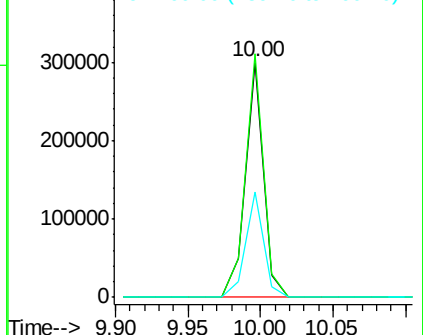
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092690.D
Acq: 31 Jan 2017 19:30

Instrument :
BNA_F
ClientSampleId :
B2-6

Tot Ion:164 Resp: 260143
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 44.7 36.9 55.3

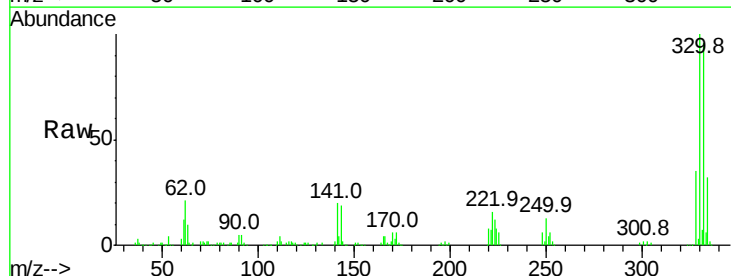


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

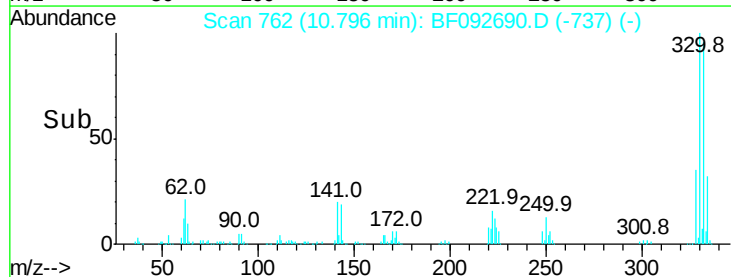
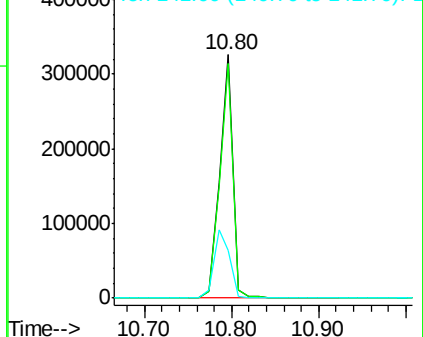


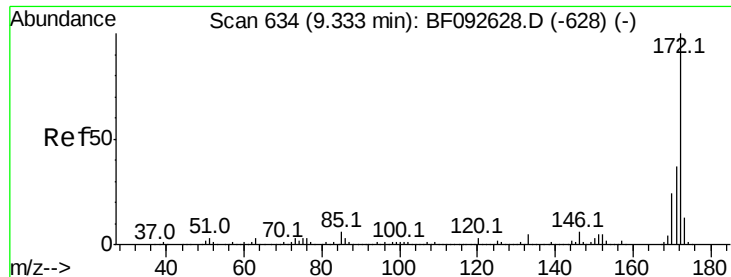
#41
2,4,6-Tribromophenol
Concen: 185.42 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092690.D
Acq: 31 Jan 2017 19:30

Tgt Ion:330 Resp: 348871
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 33.6 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



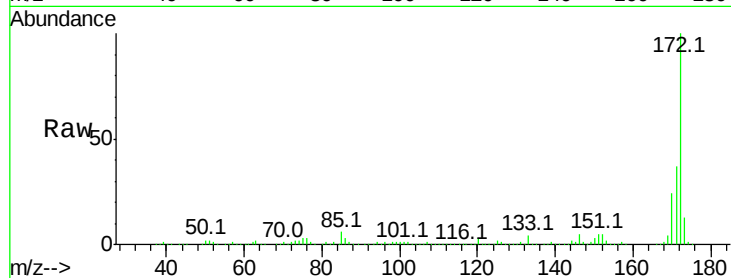


#44
 2-Fluorobiphenyl
 Concen: 118.30 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092690.D
 Acq: 31 Jan 2017 19:30

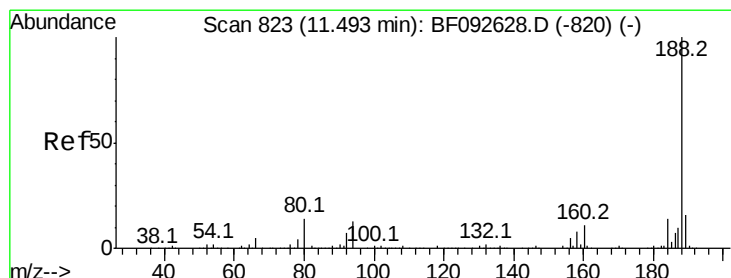
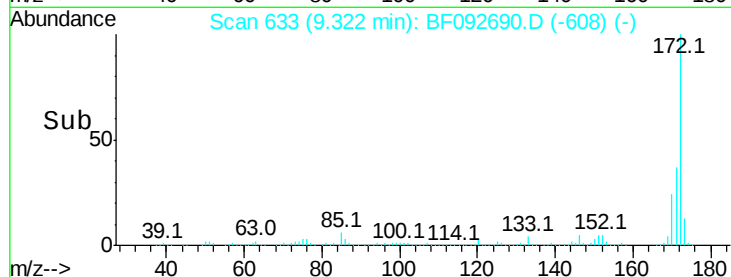
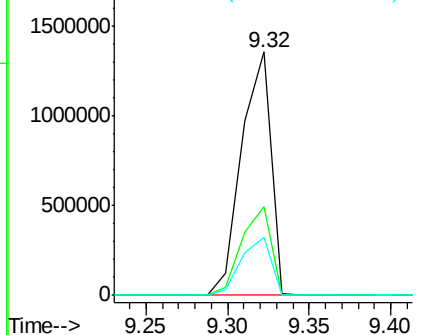
Instrument :
 BNA_F
 ClientSampleId :
 B2-6

Tot Ion:172 Resp: 1698647

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	23.9	20.2	30.4



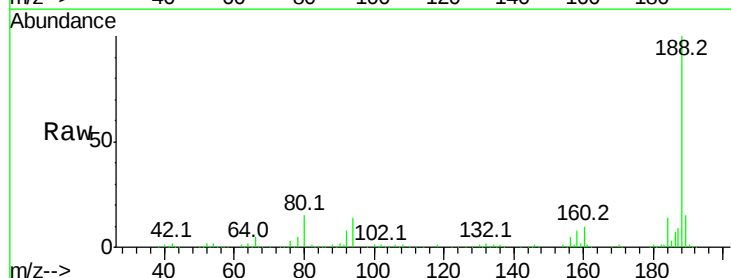
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



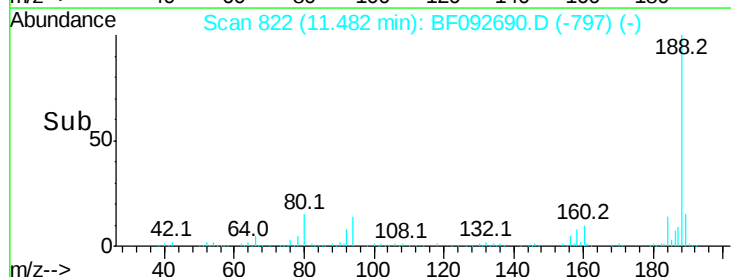
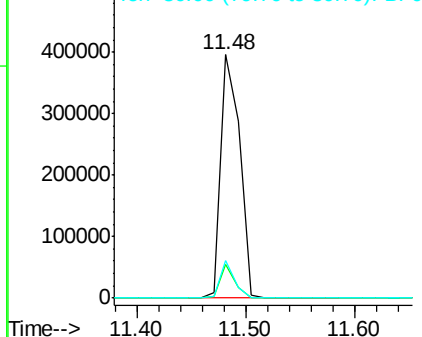
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092690.D
 Acq: 31 Jan 2017 19:30

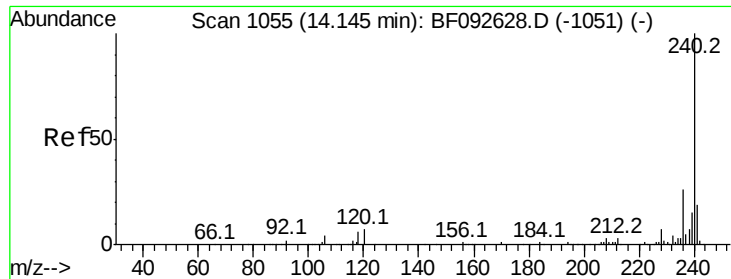
Tgt Ion:188 Resp: 482313

Ion	Ratio	Lower	Upper
188	100		
94	13.8	10.0	15.0
80	15.4	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: BF092690.D

Acq: 31 Jan 2017 19:30

Instrument :

BNA_F

ClientSampled :

B2-6

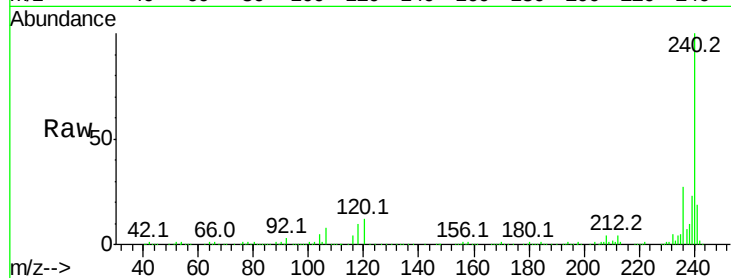
Tot Ion:240 Resp: 341557

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

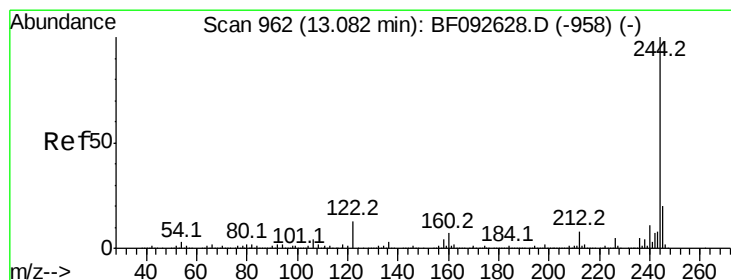
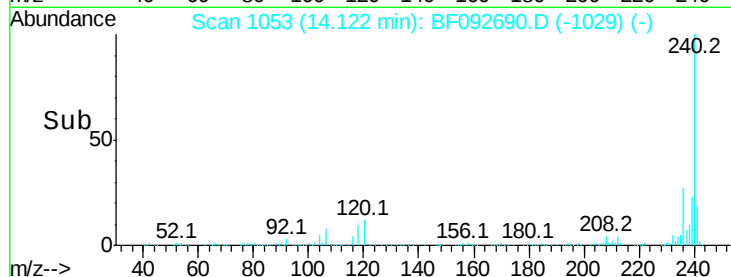
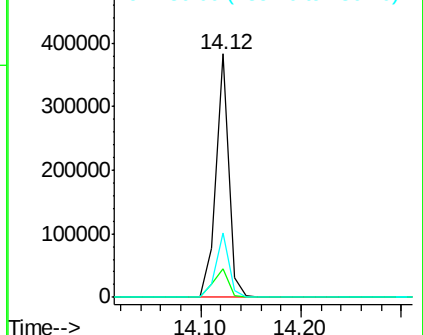
236 26.7 20.9 31.3



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: 99.10 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092690.D

Acq: 31 Jan 2017 19:30

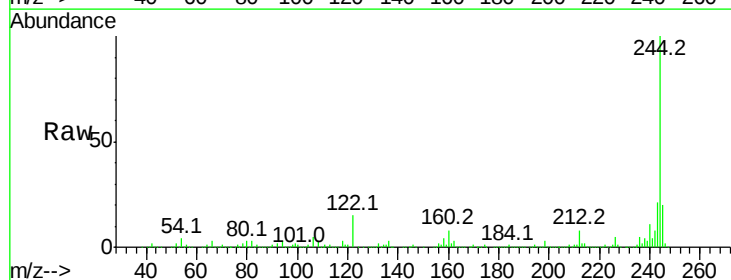
Tgt Ion:244 Resp: 1440613

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

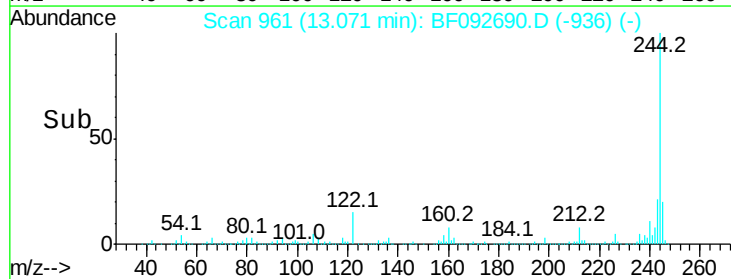
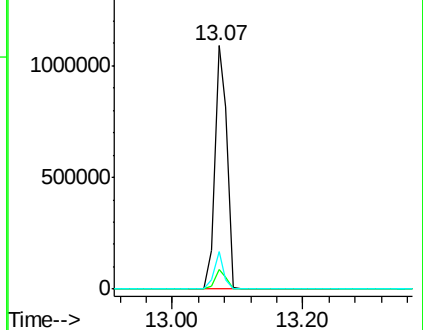
122 15.4 11.4 17.2

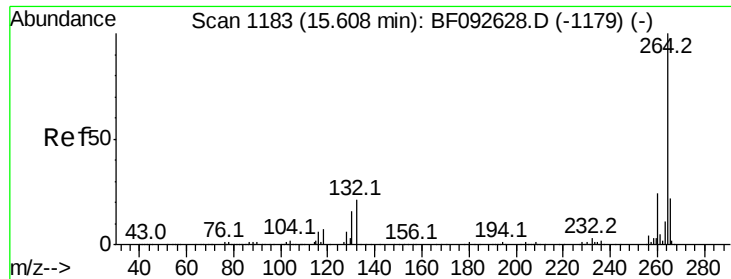


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092690.D
 Acq: 31 Jan 2017 19:30

Instrument :
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 B2-6

Tot Ion:264 Resp: 37752
 Ion Ratio Lower Upper
 264 100
 260 31.5 19.2 28.8#
 265 22.4 17.4 26.0

