

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092691.D
 Acq On : 31 Jan 2017 19:57
 Operator : SJ/MA
 Sample : I1593-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-7

Quant Time: Feb 01 00:47:23 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	149761	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	583408	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	304608	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	479432	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	423589	20.00	ng	-0.02
86) Perylene-d12	15.59	264	191702	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1109216	127.07	ng	-0.01
7) Phenol-d6	6.59	99	1376767	122.58	ng	-0.01
23) Nitrobenzene-d5	7.52	82	979235	93.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	329336	149.49	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1617501	96.20	ng	-0.01
78) Terphenyl-d14	13.07	244	1526408	84.67	ng	-0.01

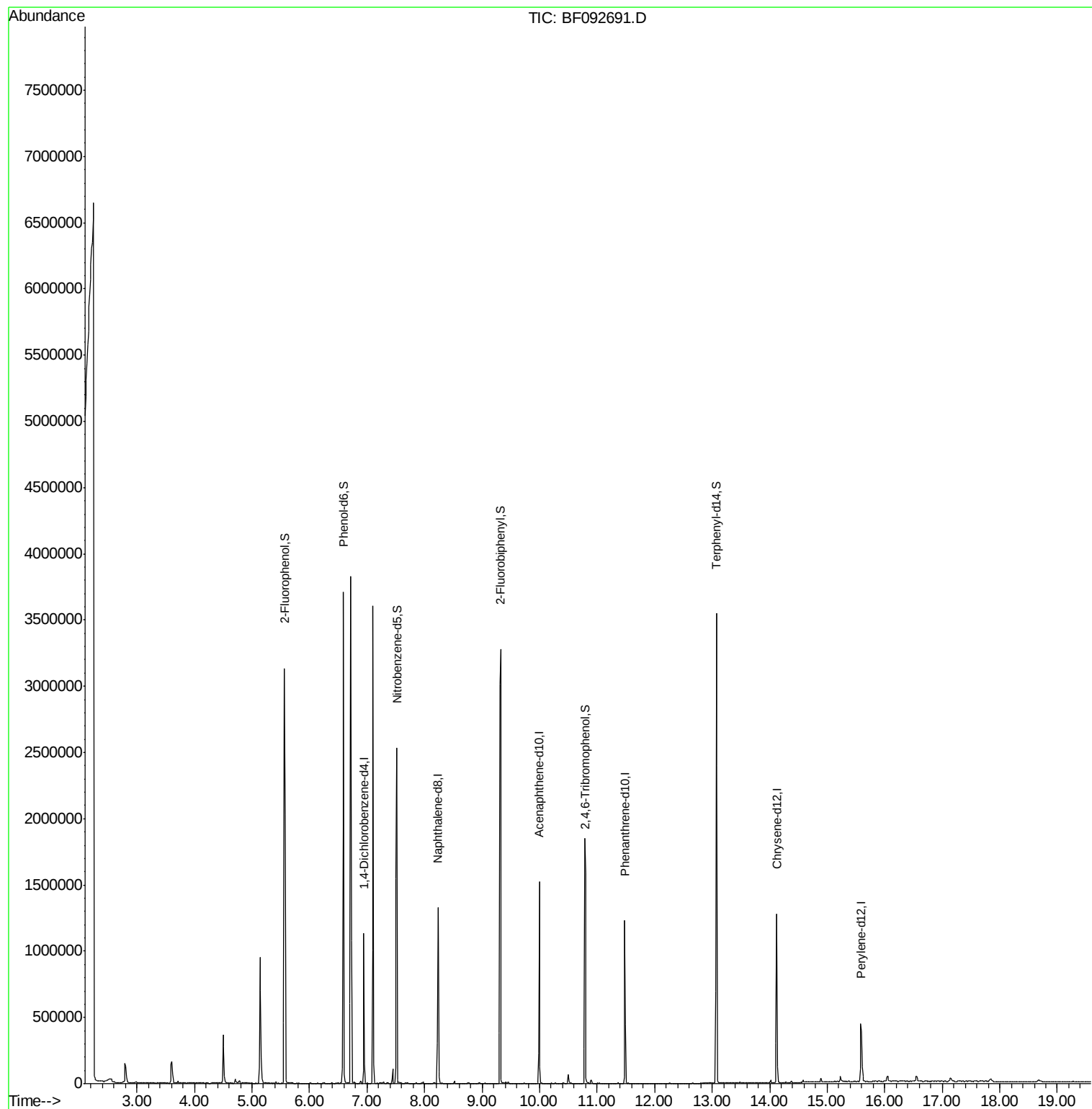
Target Compounds Qvalue

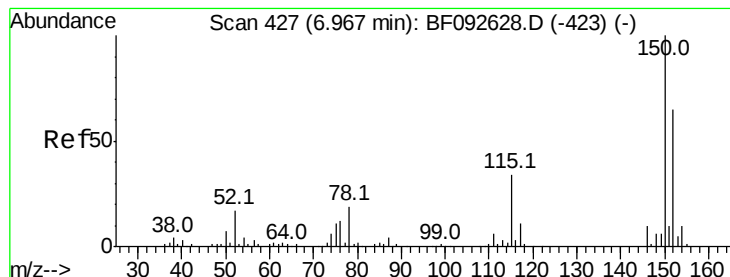
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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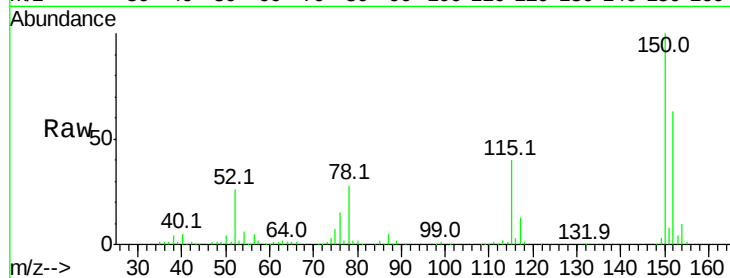


#1

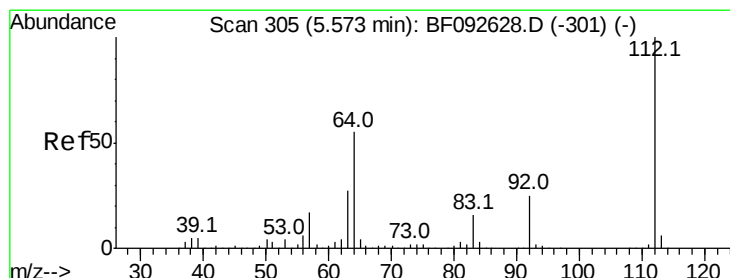
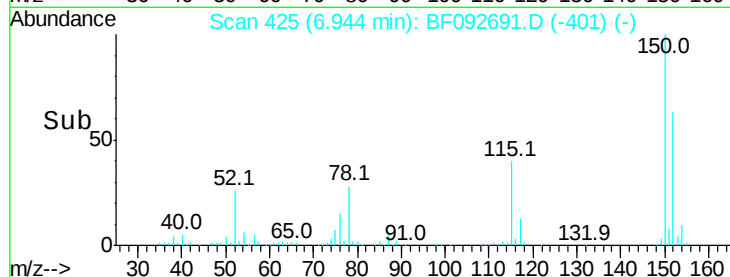
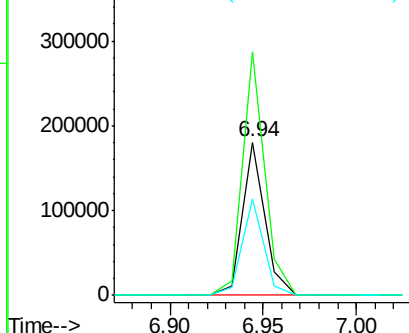
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092691.D
Acq: 31 Jan 2017 19:57

Instrument :
BNA_F
ClientSampleId :
B2-7

Tot Ion:152 Resp: 149761
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 63.5 46.0 69.0



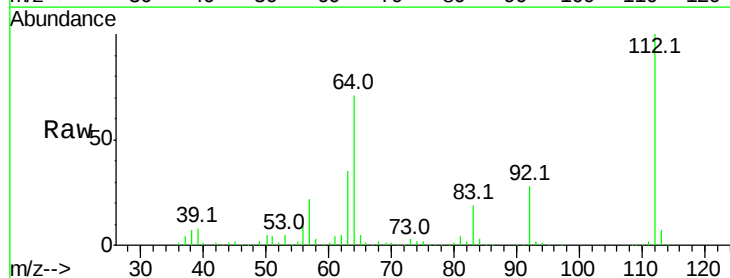
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



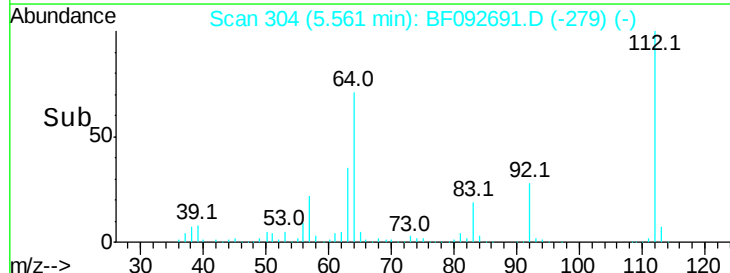
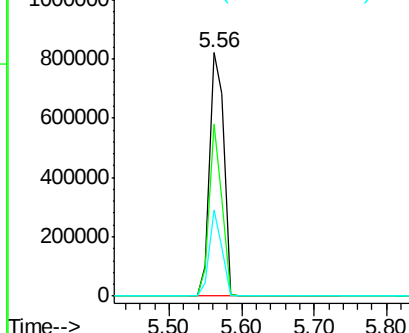
#5

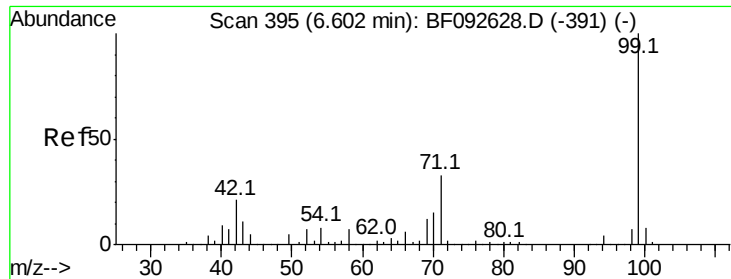
2-Fluorophenol
Concen: 127.07 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092691.D
Acq: 31 Jan 2017 19:57

Tgt Ion:112 Resp: 1109216
Ion Ratio Lower Upper
112 100
64 70.5 46.1 69.1#
63 35.4 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: 122.58 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092691.D

Acq: 31 Jan 2017 19:57

Instrument :

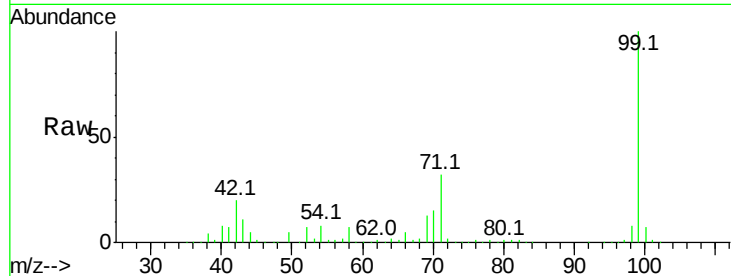
BNA_F

ClientSampleId :

B2-7

Tot Ion: 99 Resp: 1376767

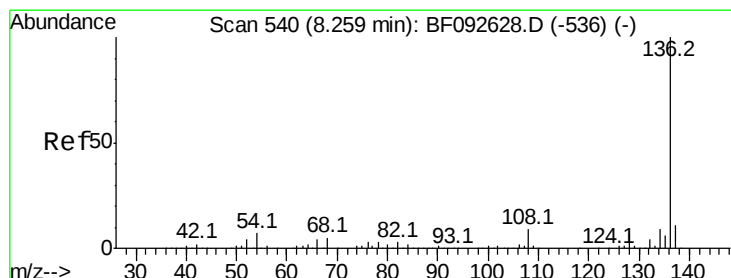
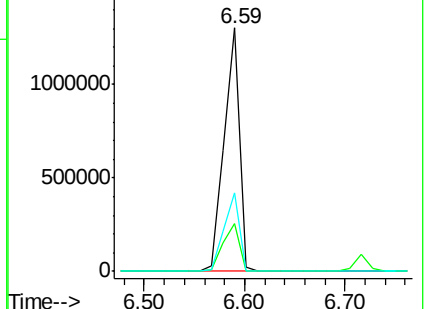
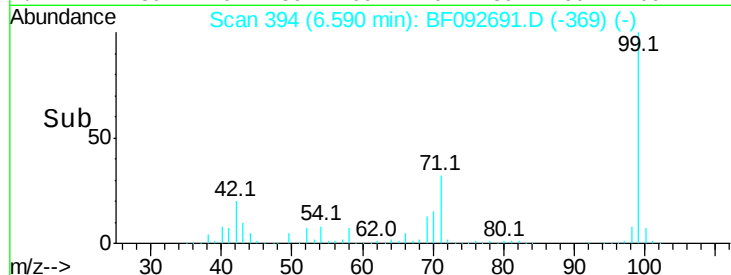
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	32.3	27.5	41.3



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

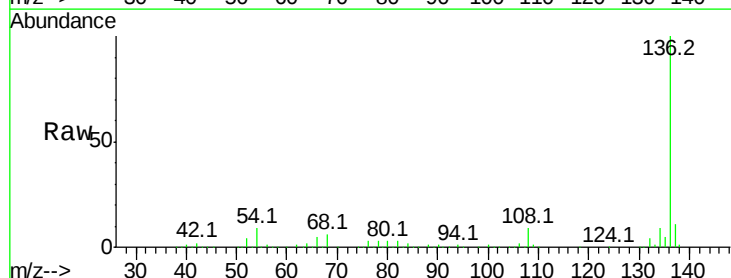
Delta R.T. -0.02 min

Lab File: BF092691.D

Acq: 31 Jan 2017 19:57

Tgt Ion: 136 Resp: 583408

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.8	4.5	6.7#
68	5.9	3.6	5.4#

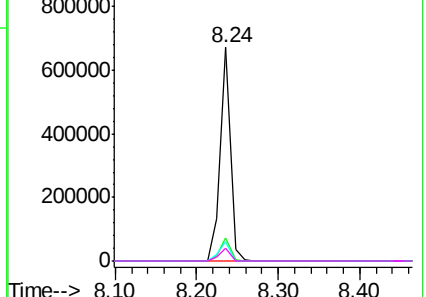
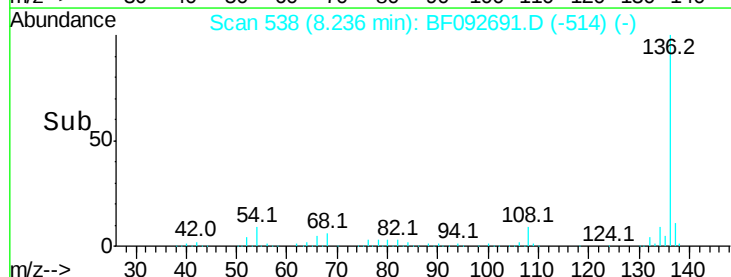


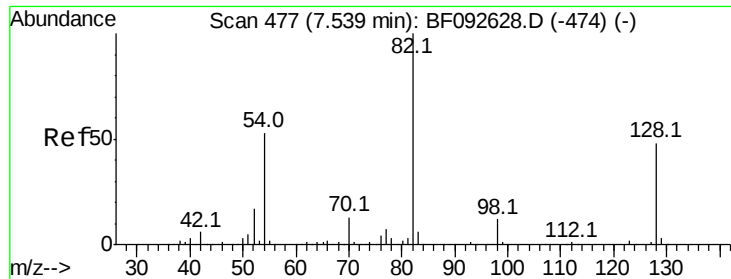
Abundance Ion 136.00 (135.70 to 136.70): E

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

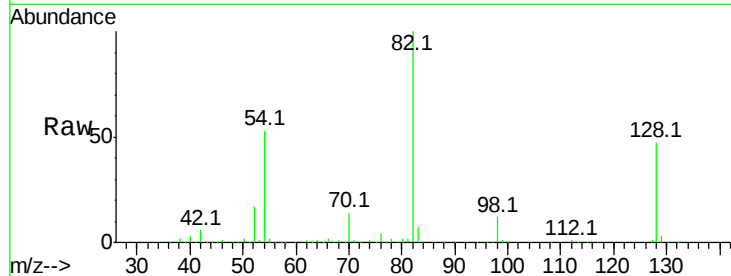




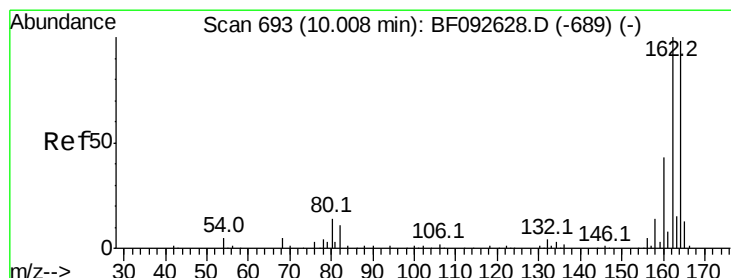
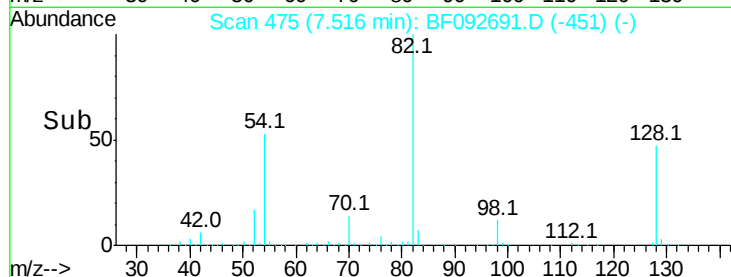
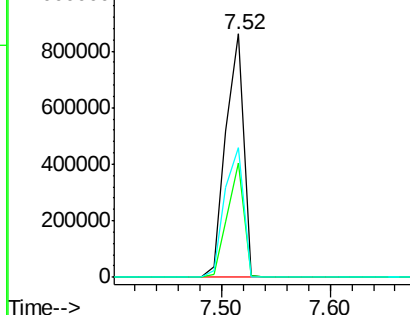
#23
Nitrobenzene-d5
Concen: 93.47 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092691.D
Acq: 31 Jan 2017 19:57

Instrument :
BNA_F
ClientSampleID :
B2-7

Tot Ion	82	Resp	979235
Ion Ratio	100	Lower	Upper
128	46.9	34.6	52.0
54	53.2	39.5	59.3

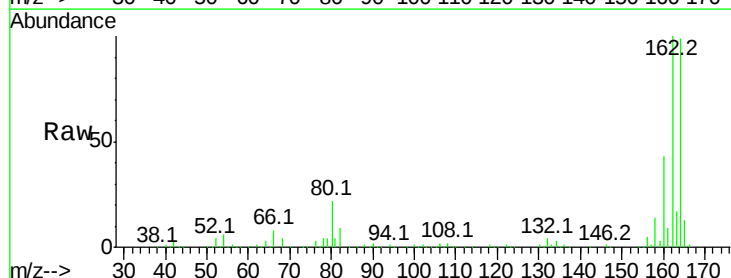


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

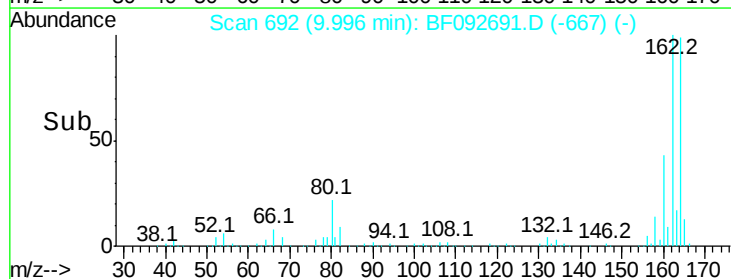
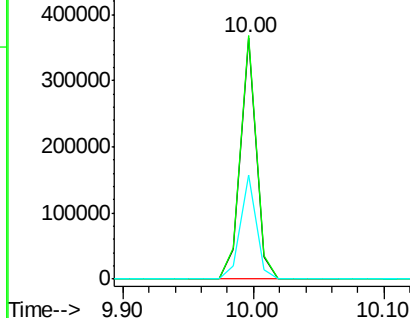


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092691.D
Acq: 31 Jan 2017 19:57

Tgt Ion	164	Resp	304608
Ion Ratio	100	Lower	Upper
162	101.0	80.2	120.2
160	43.3	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

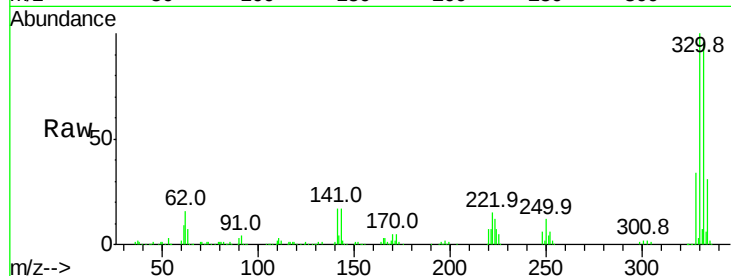




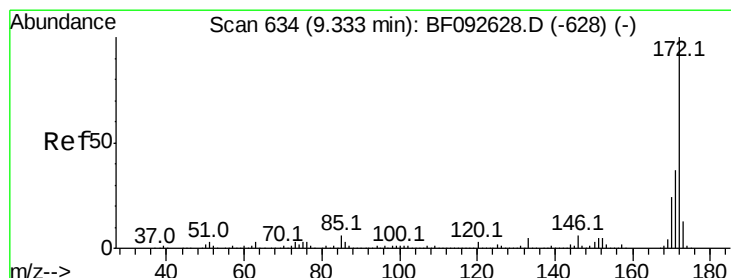
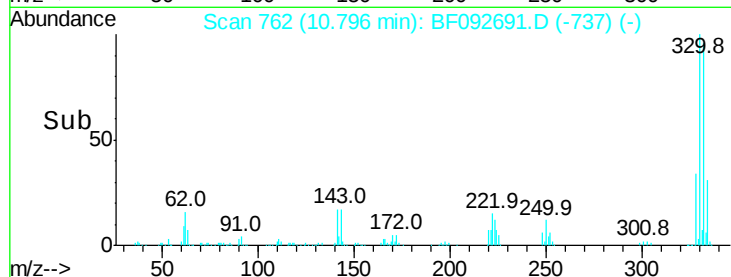
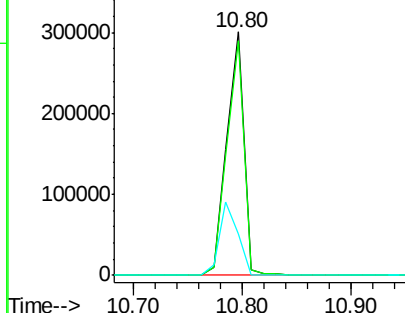
#41
 2,4,6-Tribromophenol
 Concen: 149.49 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092691.D
 Acq: 31 Jan 2017 19:57

Instrument :
 BNA_F
 ClientSampleId :
 B2-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	32.7	34.1	51.1#

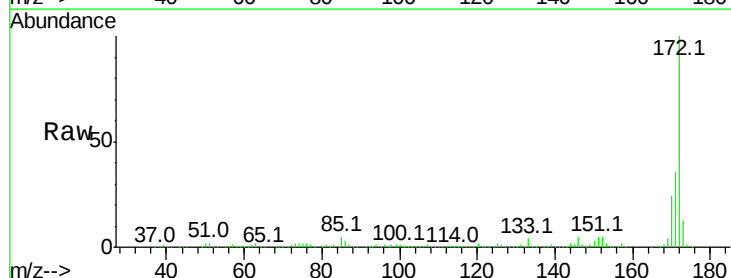


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

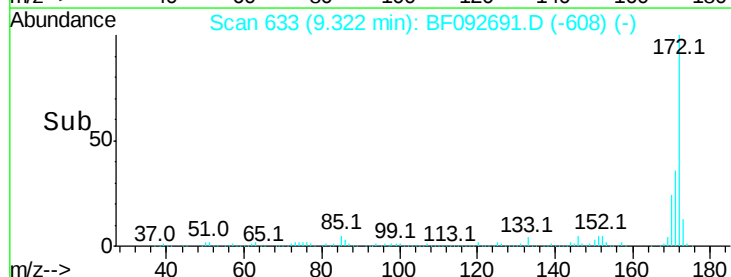
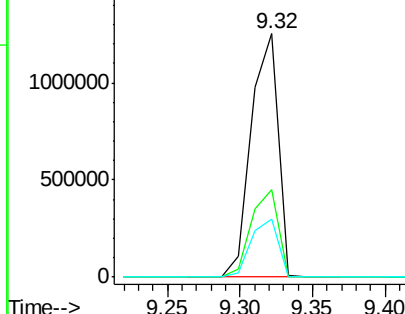


#44
 2-Fluorobiphenyl
 Concen: 96.20 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092691.D
 Acq: 31 Jan 2017 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

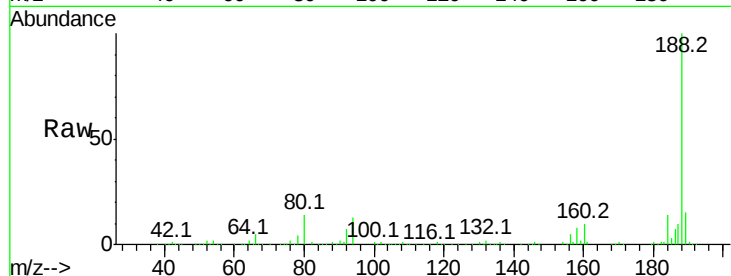




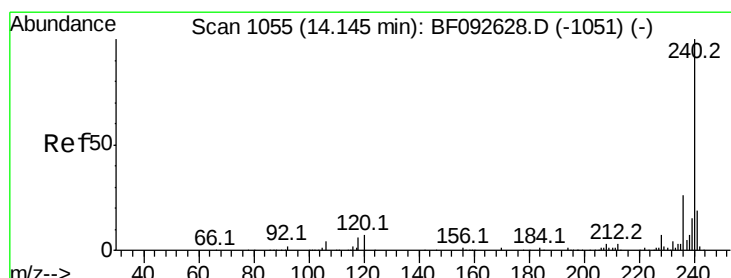
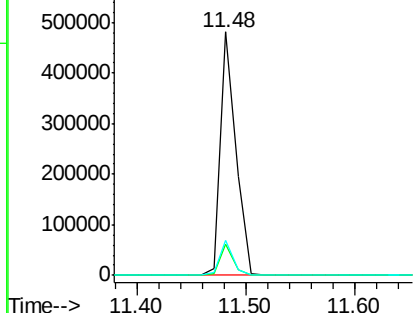
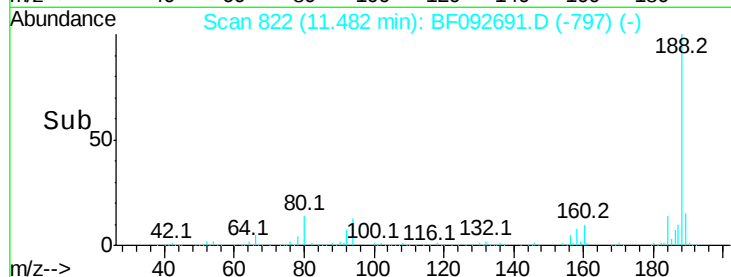
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092691.D
Acq: 31 Jan 2017 19:57

Instrument :
BNA_F
ClientSampleId :
B2-7

Tot Ion:188 Resp: 479432
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 14.3 11.2 16.8

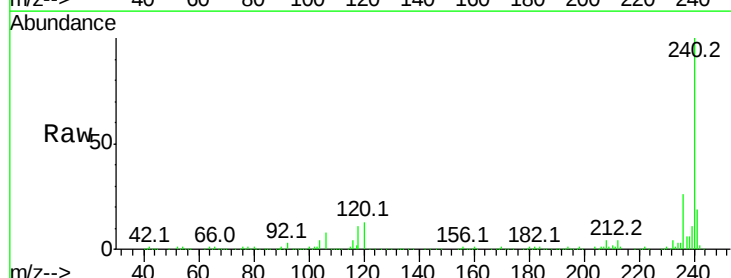


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

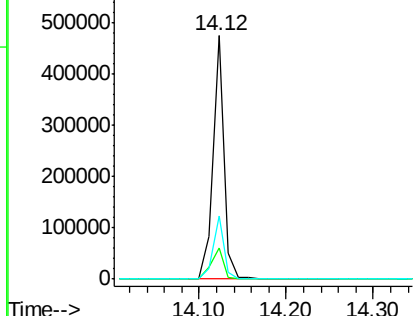
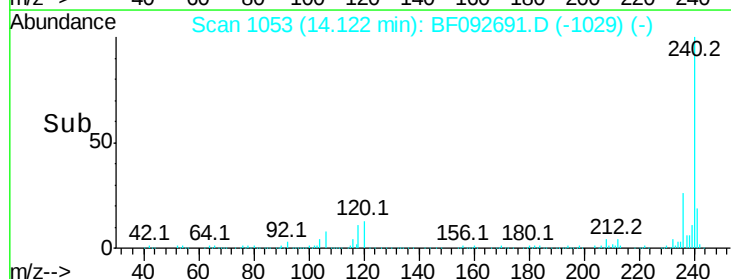


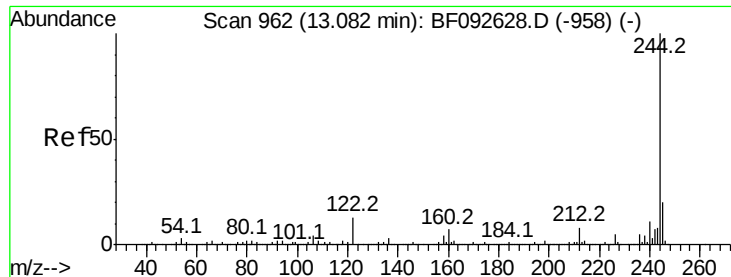
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092691.D
Acq: 31 Jan 2017 19:57

Tgt Ion:240 Resp: 423589
Ion Ratio Lower Upper
240 100
120 12.6 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: 84.67 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092691.D

Acq: 31 Jan 2017 19:57

Instrument :

BNA_F

ClientSampled :

B2-7

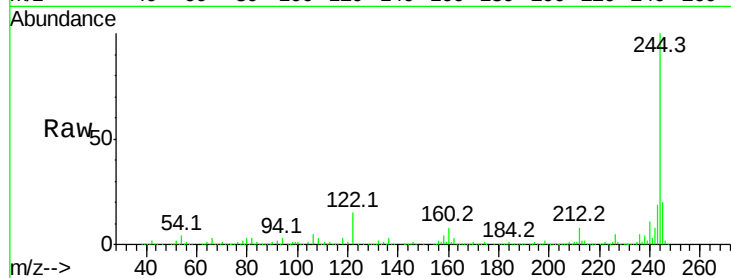
Tot Ion:244 Resp: 1526408

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

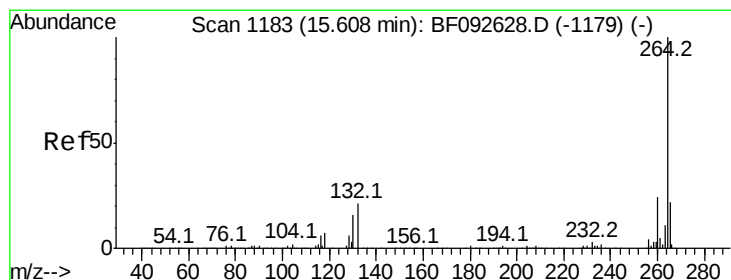
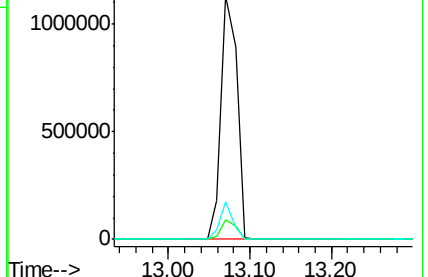
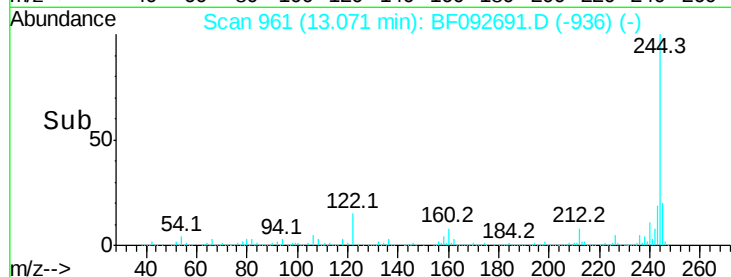
122 15.2 11.4 17.2



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: 15.59 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF092691.D

Acq: 31 Jan 2017 19:57

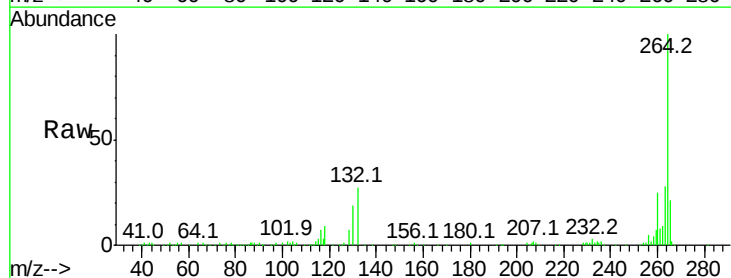
Tgt Ion:264 Resp: 191702

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.0 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

