

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092705.D
 Acq On : 1 Feb 2017 15:41
 Operator : SJ/MA
 Sample : PB96625BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BL

Quant Time: Feb 01 17:49:52 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	161250	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	643366	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	334454	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	520806	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	469845	20.00	ng	-0.02
86) Perylene-d12	15.59	264	354111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1005690	107.00	ng	-0.01
7) Phenol-d6	6.59	99	1471585	121.69	ng	-0.01
23) Nitrobenzene-d5	7.50	82	867428	75.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.80	330	269021	111.21	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1443248	78.18	ng	-0.02
78) Terphenyl-d14	13.07	244	1212335	60.63	ng	-0.01

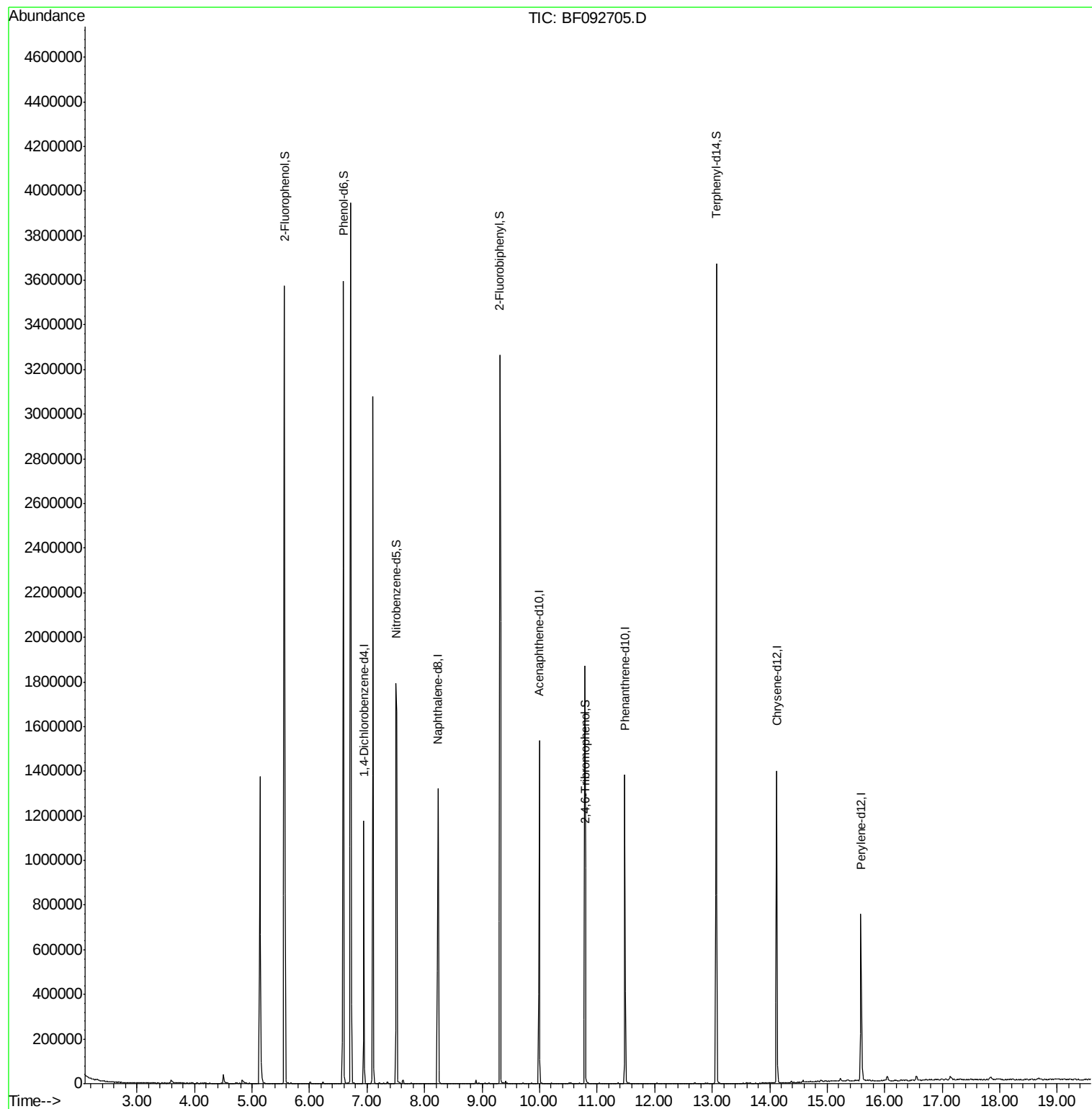
Target Compounds Qvalue

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

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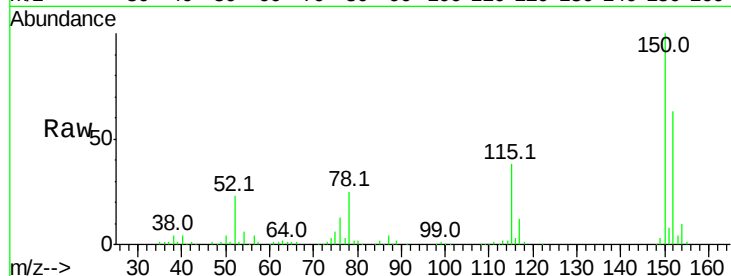


#1

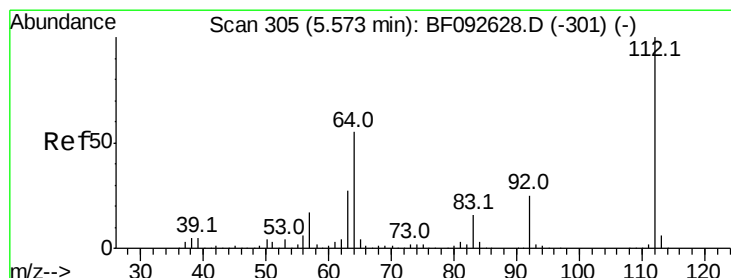
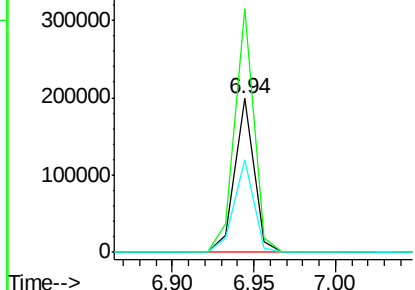
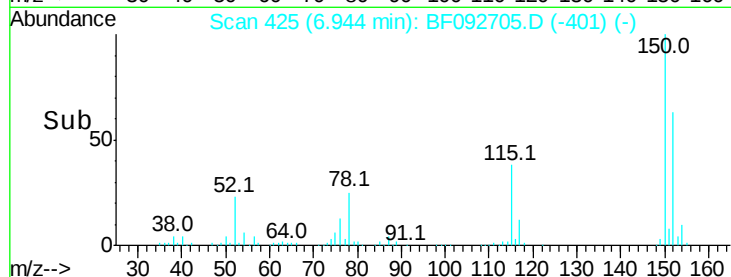
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.9	187.3
115	60.0	46.0	69.0



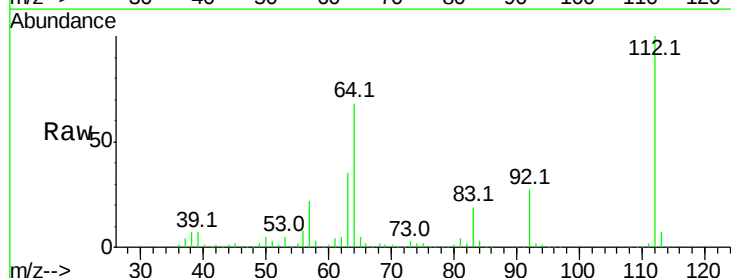
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



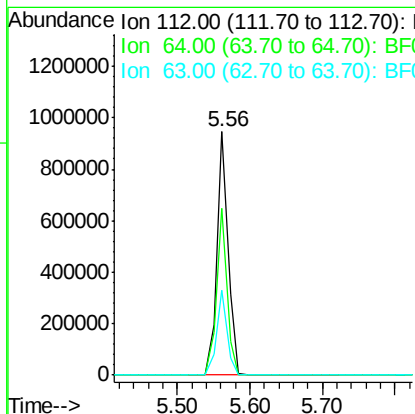
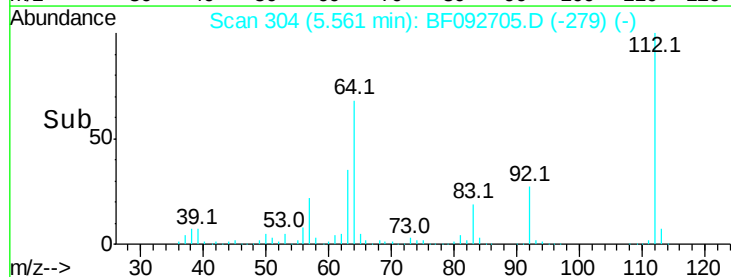
#5

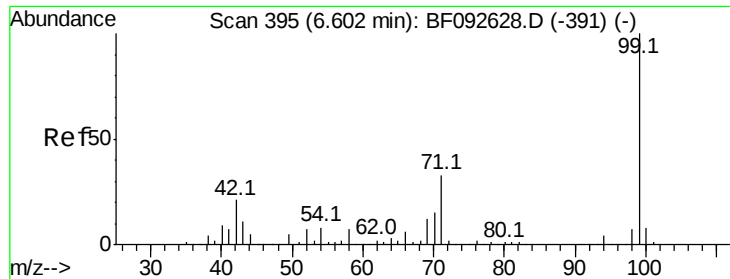
2-Fluorophenol
 Concen: 107.00 ng
 RT: 5.56 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	35.0	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: 121.69 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96625BL

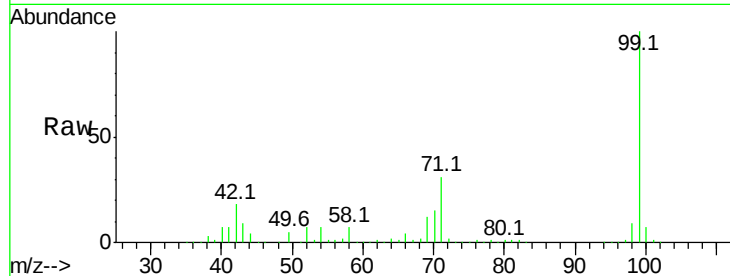
Tot Ion: 99 Resp: 1471585

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

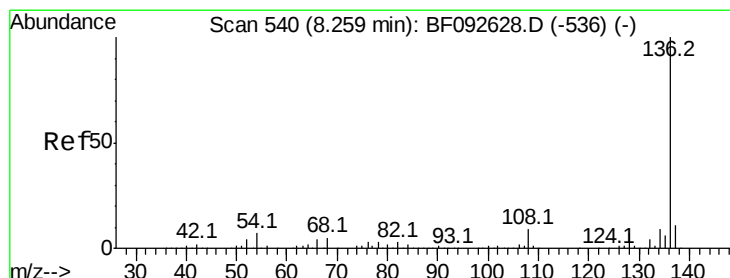
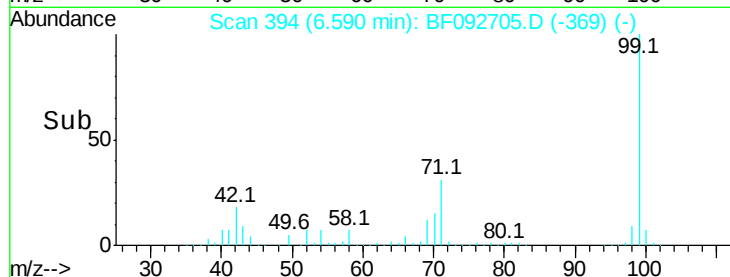
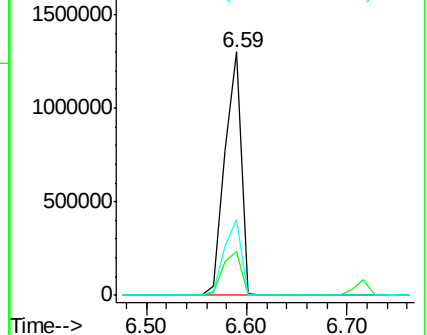
71 31.1 27.5 41.3



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: BF092705.D

Acq: 1 Feb 2017 15:41

Tgt Ion: 136 Resp: 643366

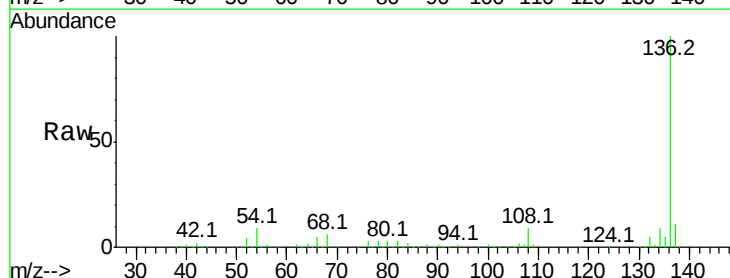
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.8 4.5 6.7#

68 6.3 3.6 5.4#

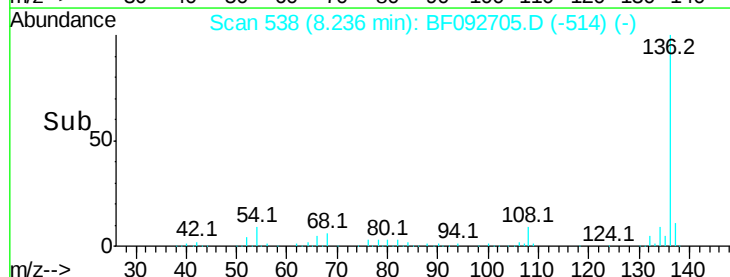
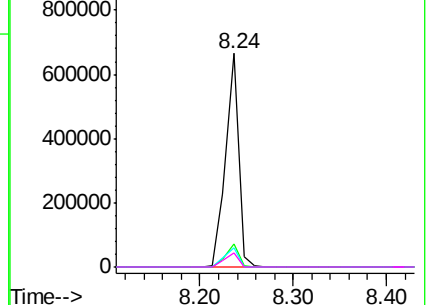


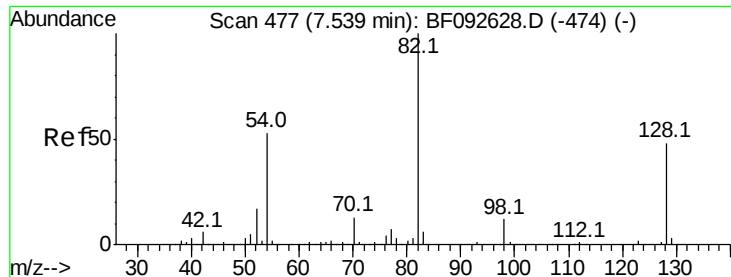
Abundance Ion 136.00 (135.70 to 136.70): E

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

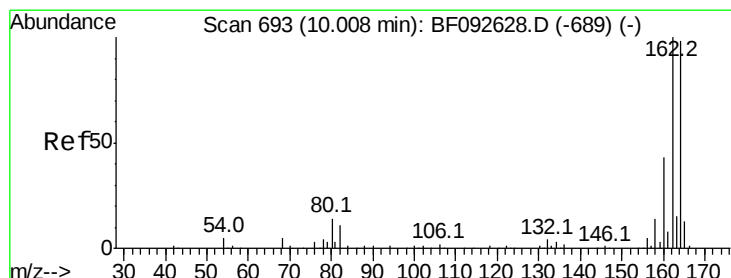
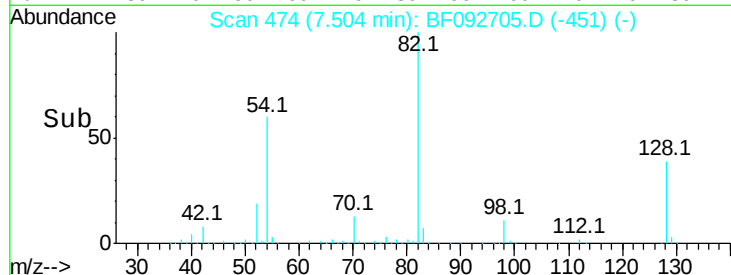
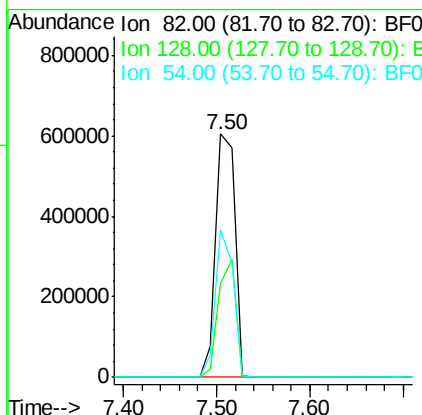
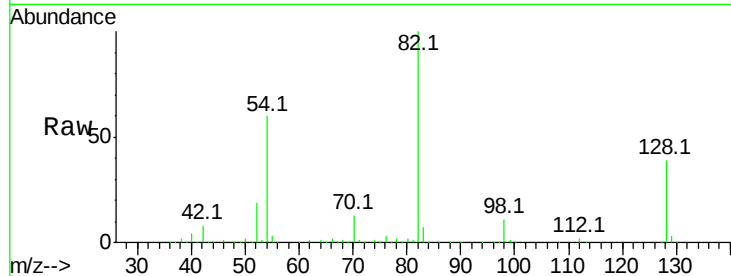




#23
 Nitrobenzene-d5
 Concen: 75.08 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

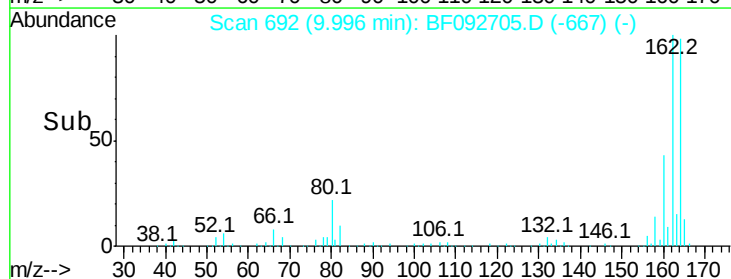
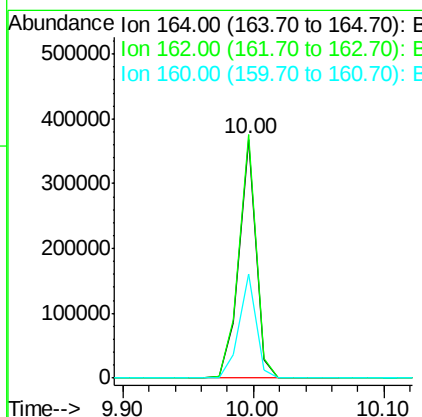
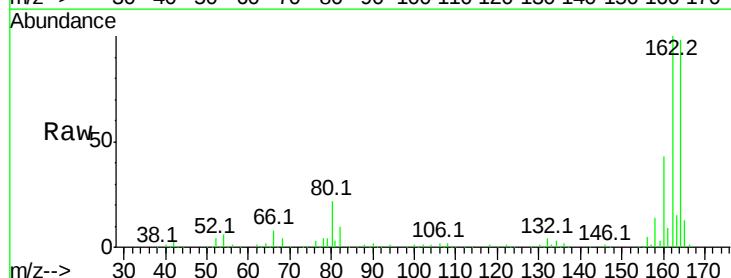
Instrument :
 BNA_F
 ClientSampleId :
 PB96625BL

Tot Ion: 82 Resp: 867428
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.6 52.0
 54 60.5 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Tgt Ion: 164 Resp: 334454
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 43.5 36.9 55.3

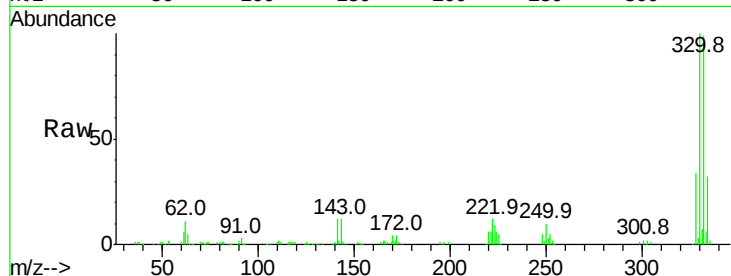




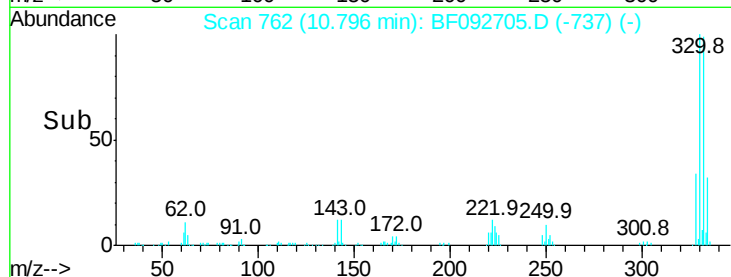
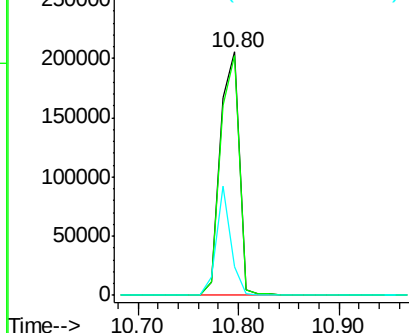
#41
 2,4,6-Tribromophenol
 Concen: 111.21 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	34.4	34.1	51.1

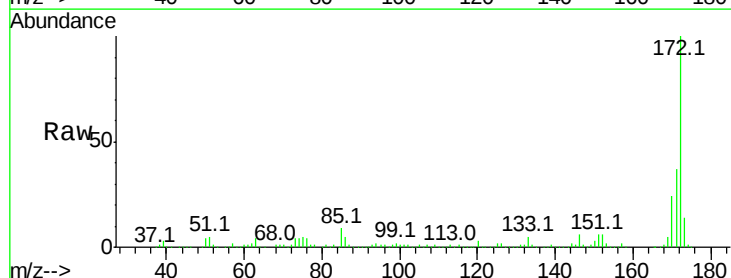


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

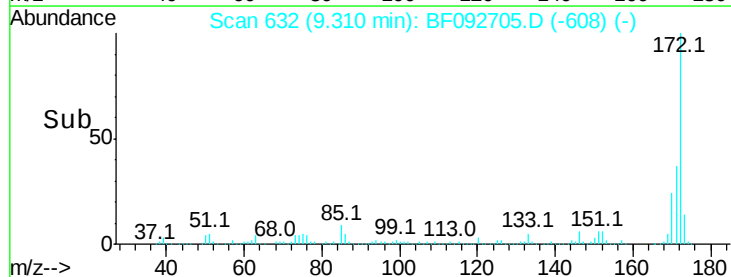
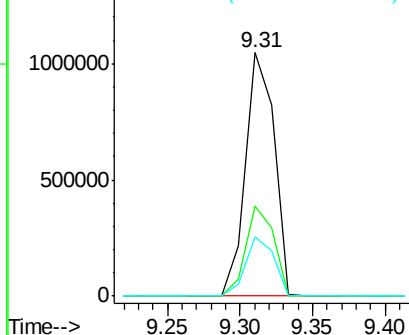


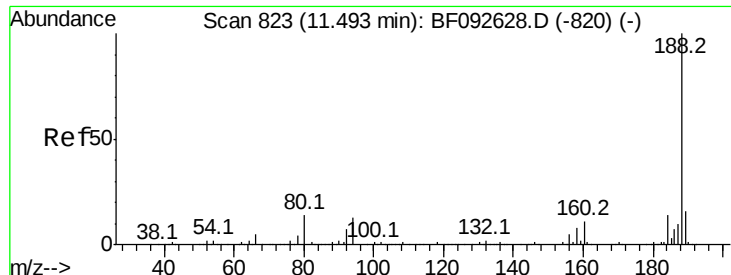
#44
 2-Fluorobiphenyl
 Concen: 78.18 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.2	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

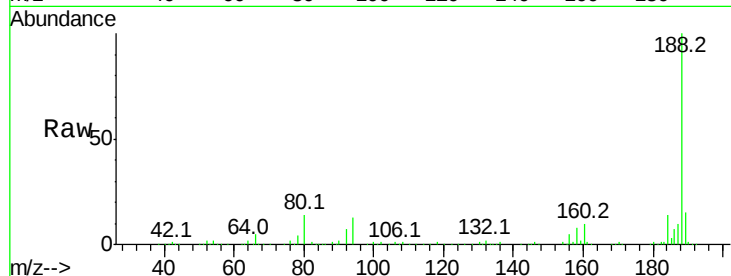




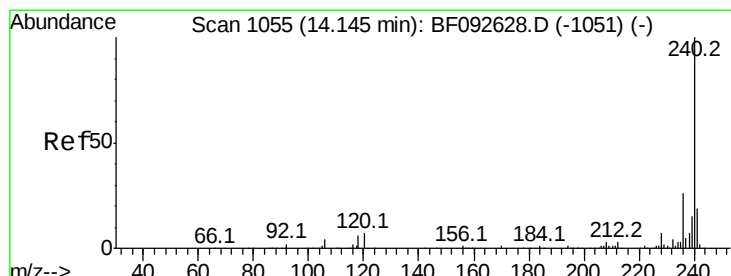
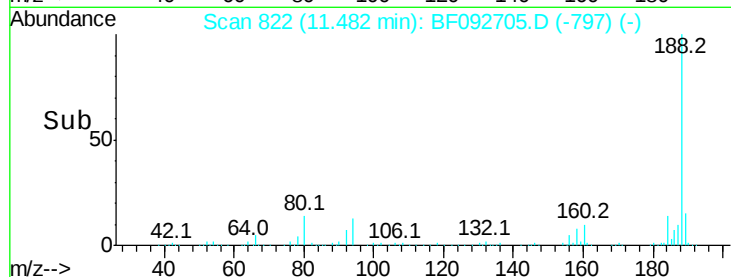
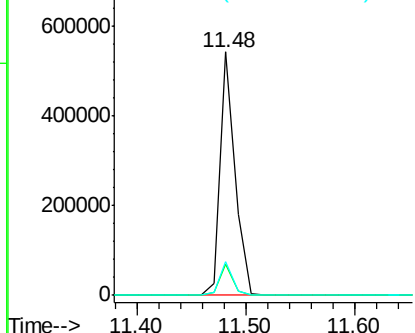
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB96625BL

Tot Ion:188 Resp: 520806
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 14.0 11.2 16.8

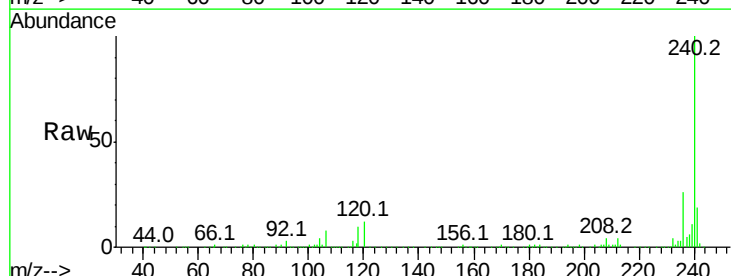


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

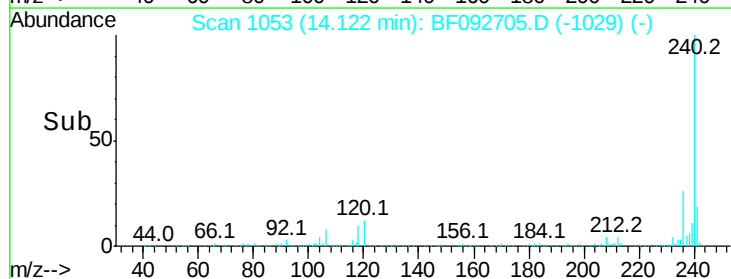
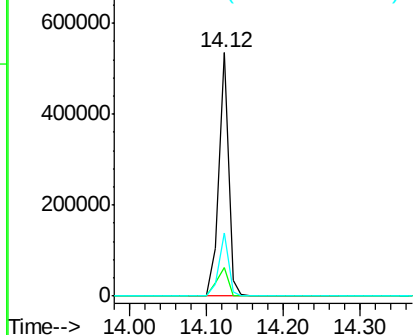


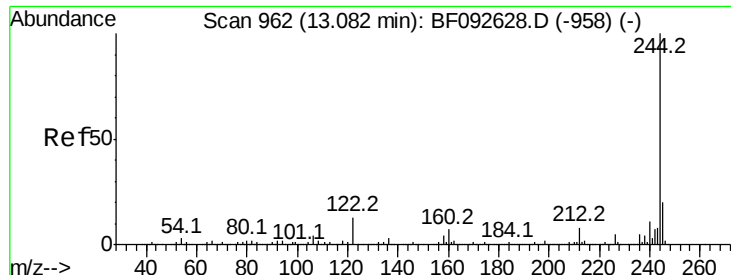
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

Tgt Ion:240 Resp: 469845
Ion Ratio Lower Upper
240 100
120 11.6 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: 60.63 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96625BL

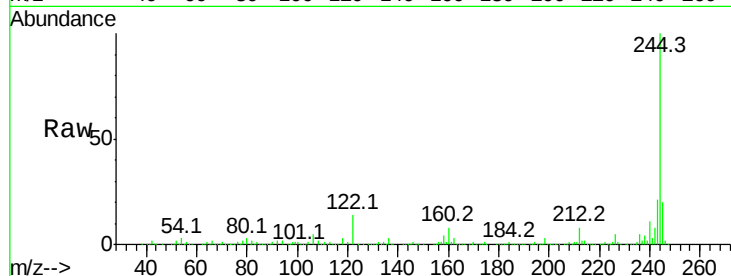
Tot Ion:244 Resp: 1212335

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

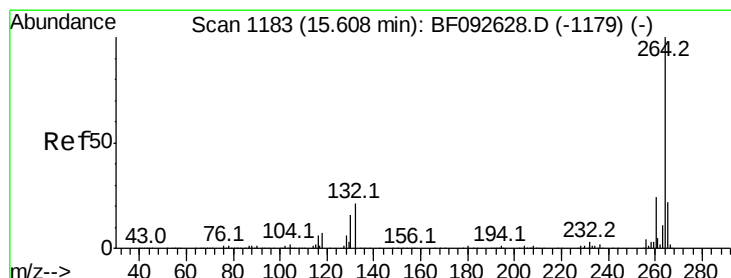
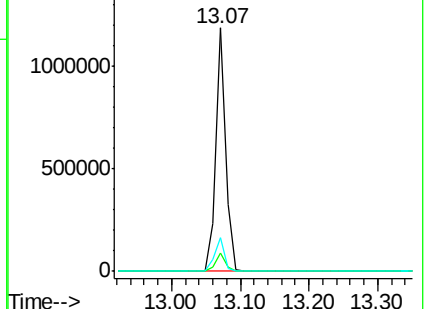
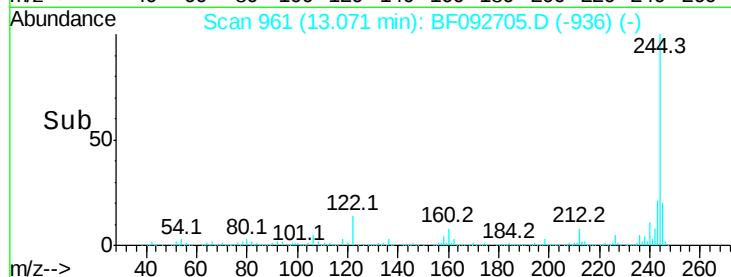
122 13.8 11.4 17.2



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: BF092705.D

Acq: 1 Feb 2017 15:41

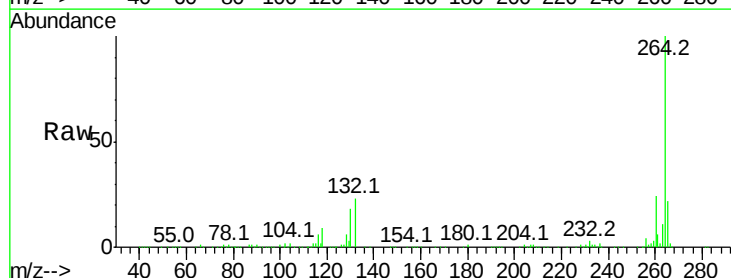
Tgt Ion:264 Resp: 354111

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

