

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092642.D
 Acq On : 30 Jan 2017 19:16
 Operator : SJ/MA
 Sample : PB96532BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BL

Quant Time: Jan 31 01:17:34 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	6.96	152	156985	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	612037	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	362176	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	629333	20.00	ng	0.00
75) Chrysene-d12	14.13	240	590776	20.00	ng	-0.01
86) Perylene-d12	15.61	264	475641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1266020	138.36	ng	0.01
7) Phenol-d6	6.60	99	1356330	115.20	ng	0.00
23) Nitrobenzene-d5	7.53	82	922993	83.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	322062	122.95	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1716103	85.84	ng	0.00
78) Terphenyl-d14	13.08	244	1581300	62.89	ng	0.00

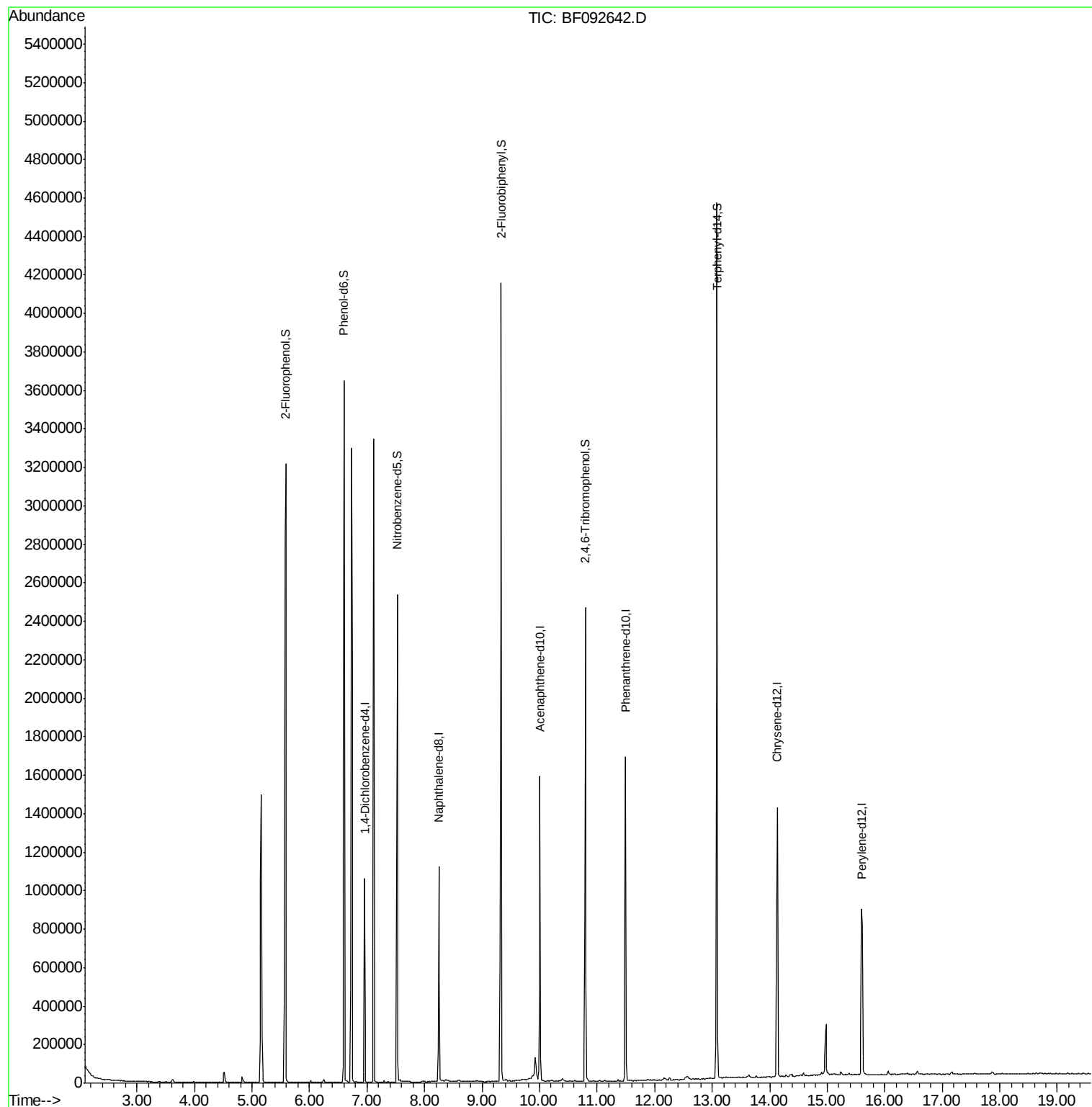
Target Compounds Qvalue

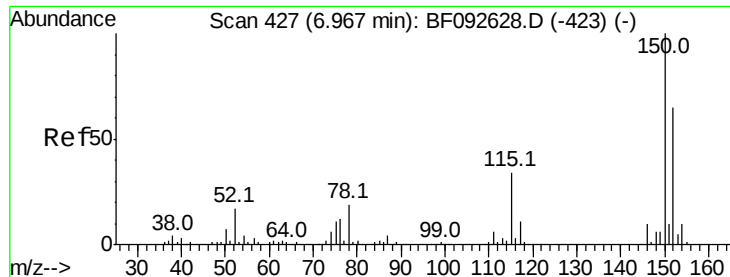
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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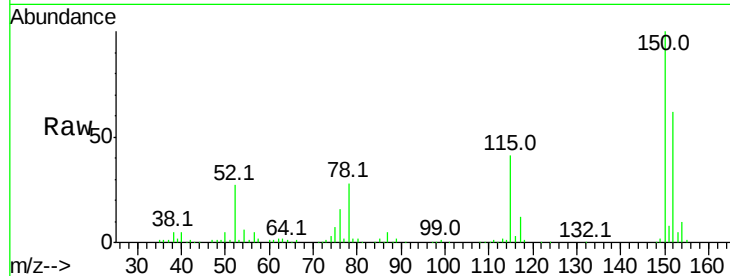


#1

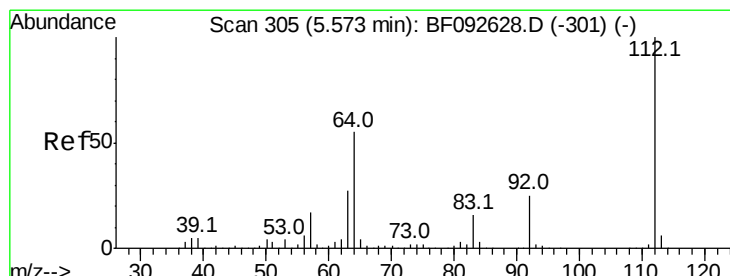
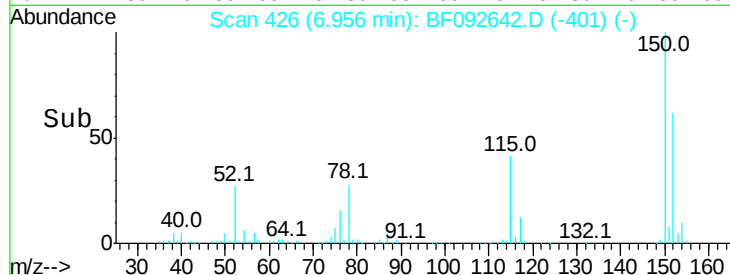
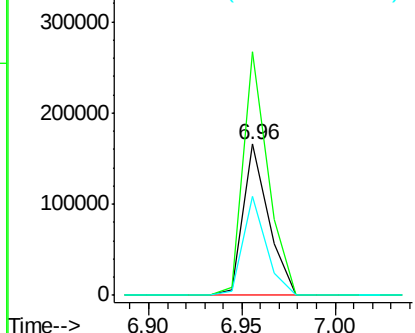
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB96532BL

Tot Ion:152 Resp: 156985
Ion Ratio Lower Upper
152 100
150 160.9 124.9 187.3
115 65.6 46.0 69.0



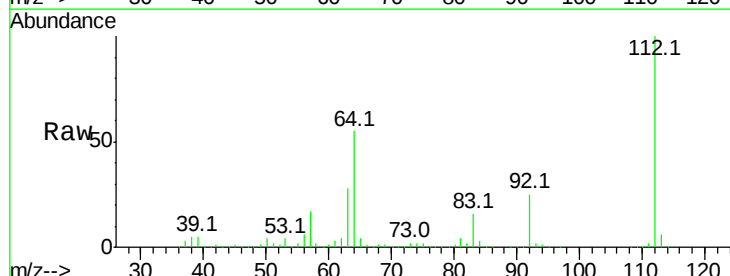
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



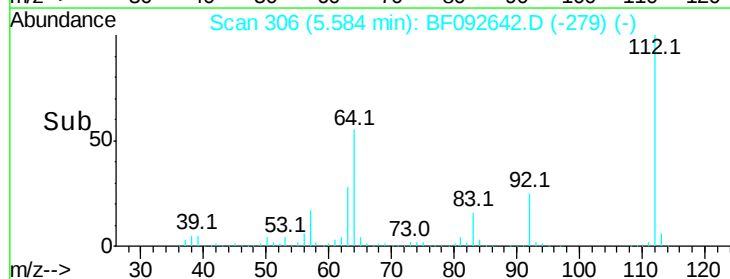
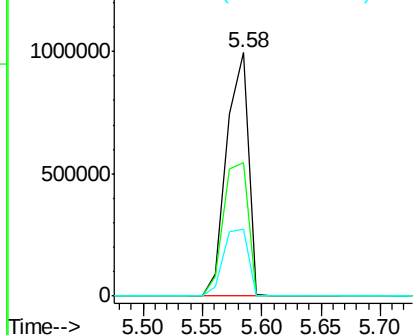
#5

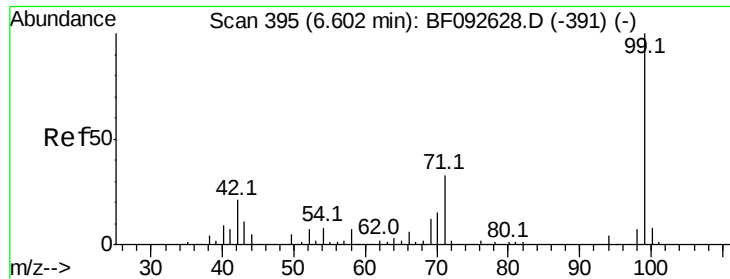
2-Fluorophenol
Concen: 138.36 ng
RT: 5.58 min Scan# 306
Delta R.T. 0.01 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Tgt Ion:112 Resp: 1266020
Ion Ratio Lower Upper
112 100
64 54.9 46.1 69.1
63 27.6 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: 115.20 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

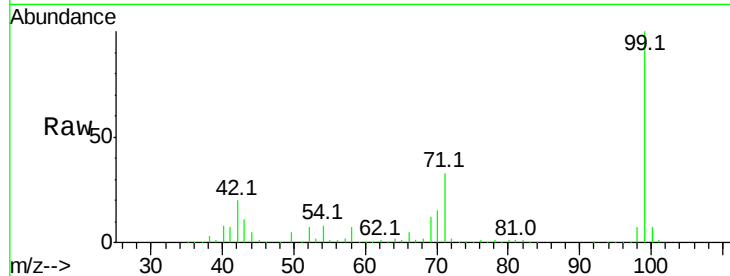
Tot Ion: 99 Resp: 1356330

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

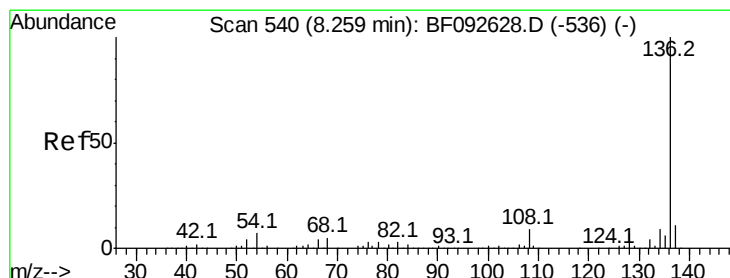
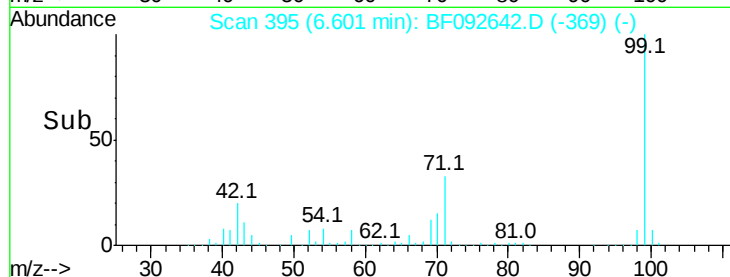
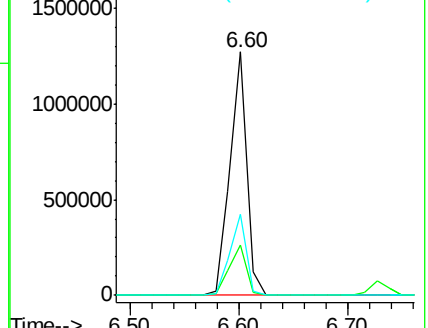
71 33.4 27.5 41.3



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: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Tgt Ion:136 Resp: 612037

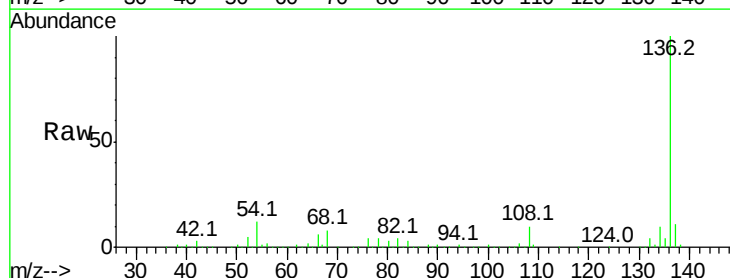
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.7 4.5 6.7#

68 7.5 3.6 5.4#

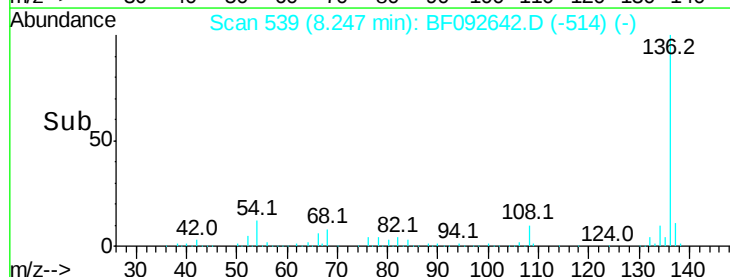
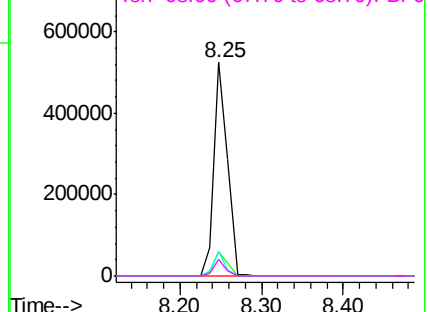


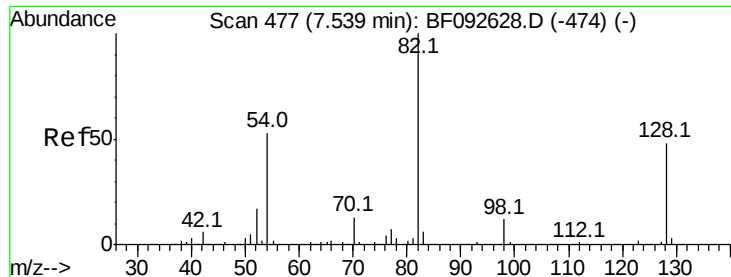
Abundance Ion 136.00 (135.70 to 136.70): E

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

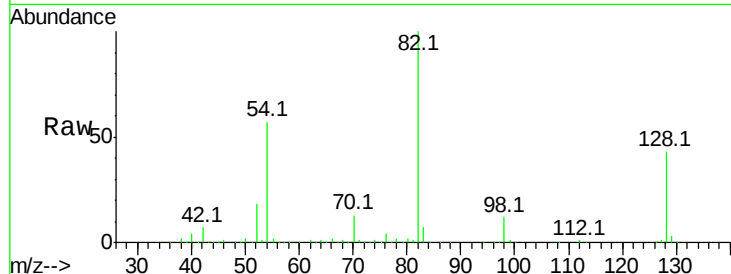




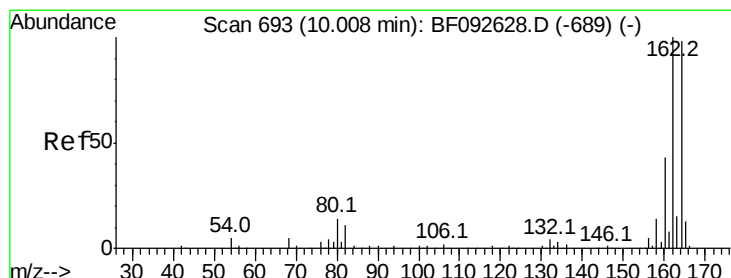
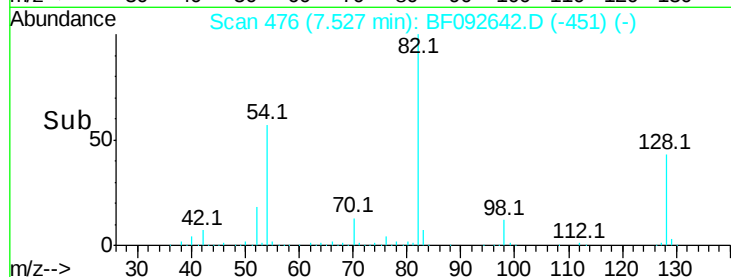
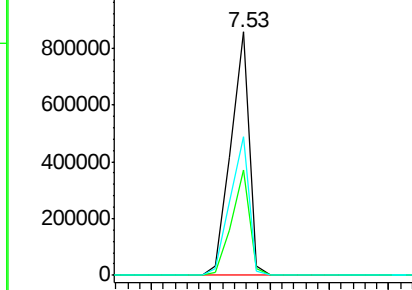
#23
Nitrobenzene-d5
Concen: 83.98 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB96532BL

Tot Ion	82	Resp	922993
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	52.0
54	57.0	39.5	59.3

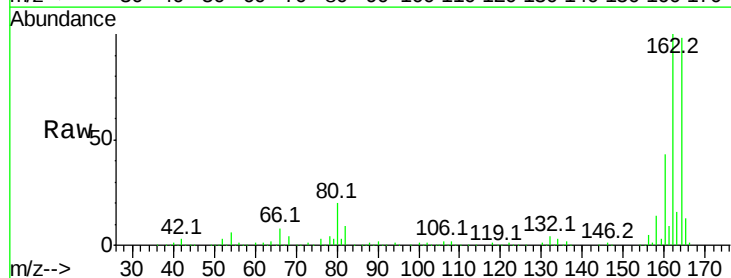


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

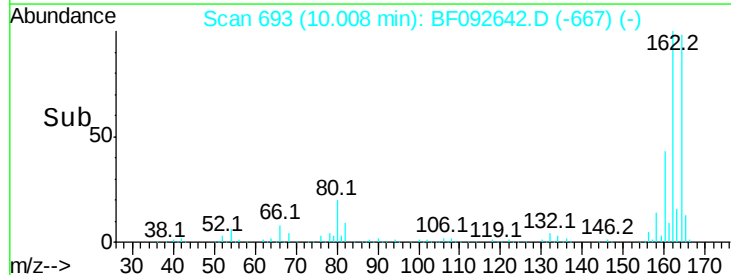
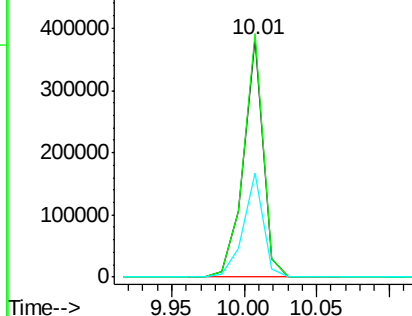


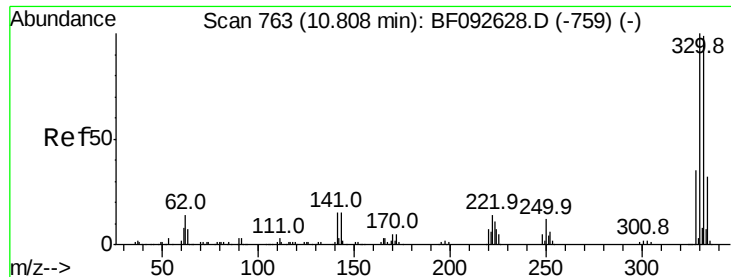
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Tgt Ion	164	Resp	362176
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.2	120.2
160	43.7	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

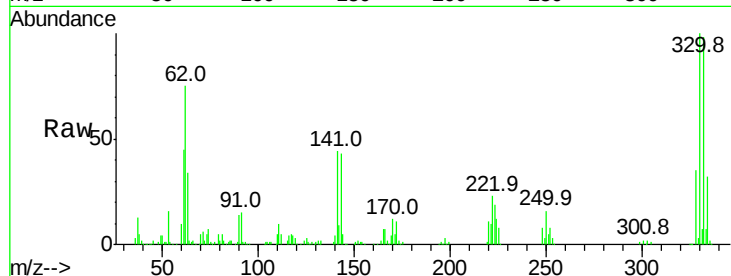




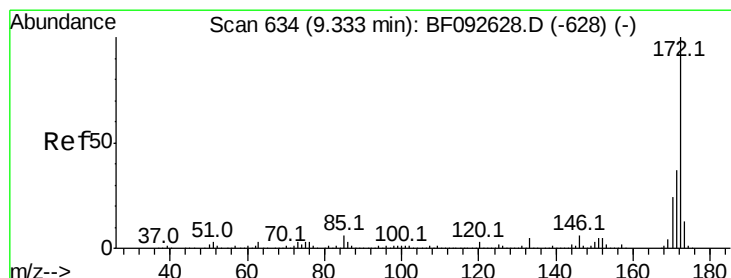
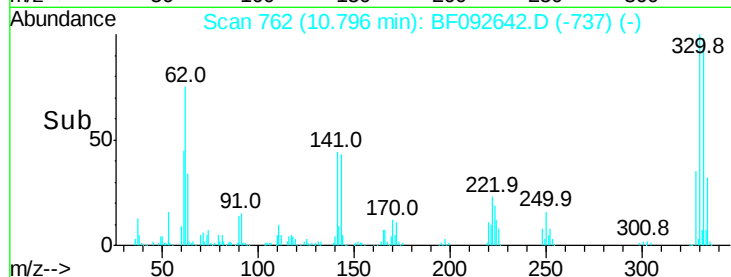
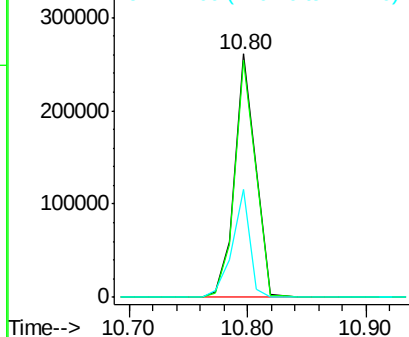
#41
 2,4,6-Tribromophenol
 Concen: 122.95 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092642.D
 Acq: 30 Jan 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB96532BL

Tot Ion:330 Resp: 322062
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 36.9 34.1 51.1

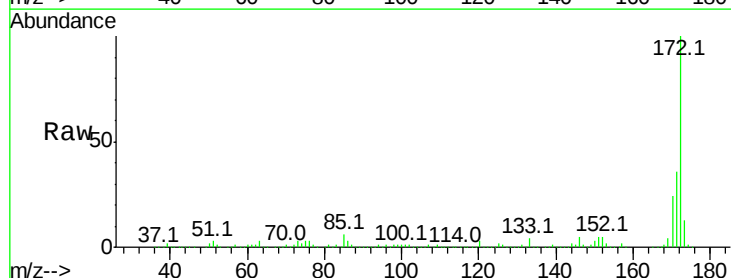


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

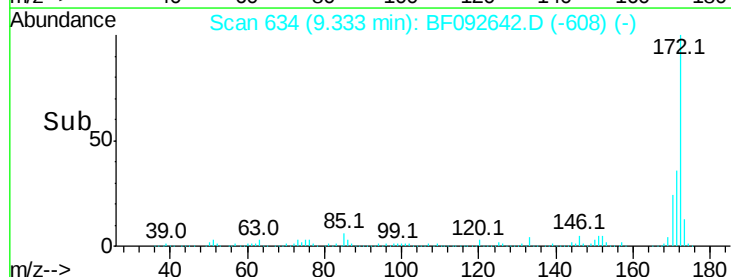
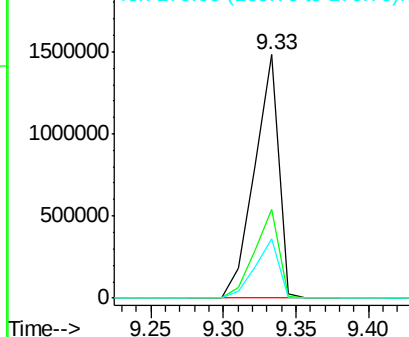


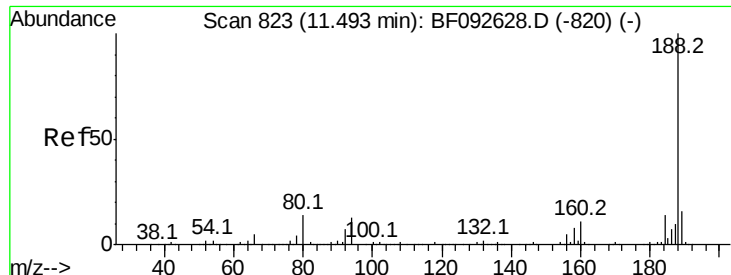
#44
 2-Fluorobiphenyl
 Concen: 85.84 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092642.D
 Acq: 30 Jan 2017 19:16

Tgt Ion:172 Resp: 1716103
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 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

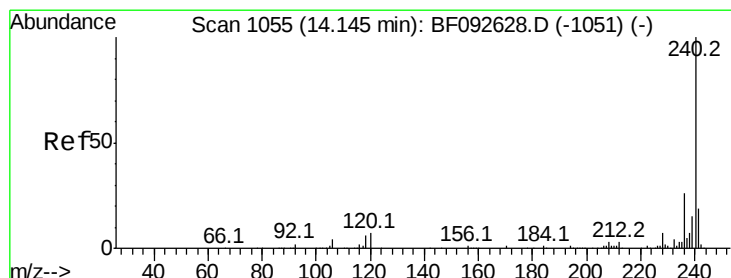
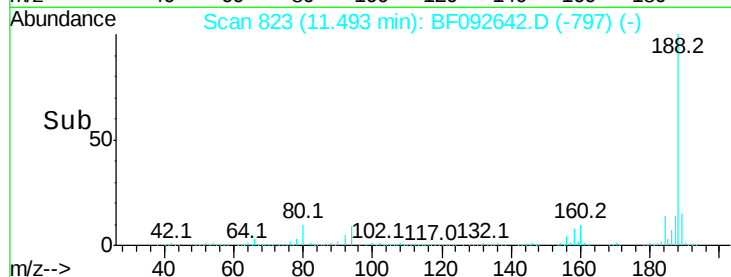
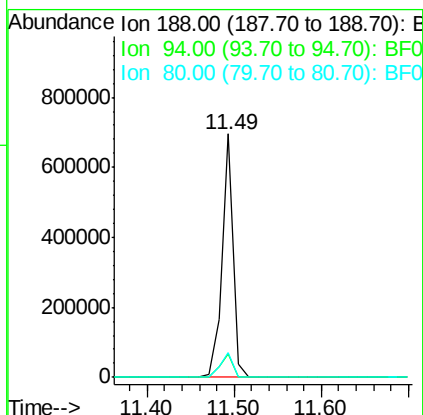
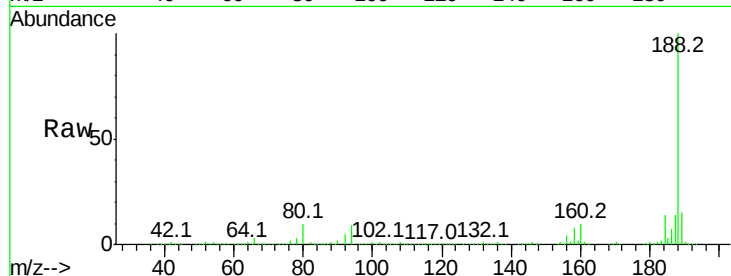




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

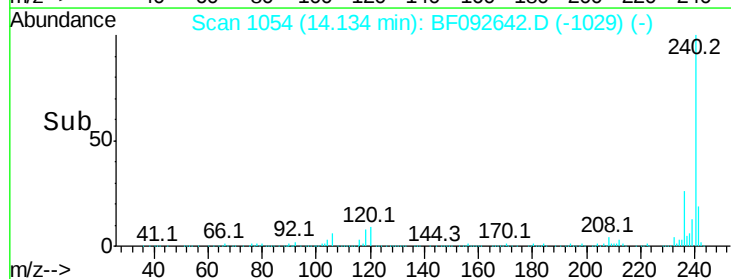
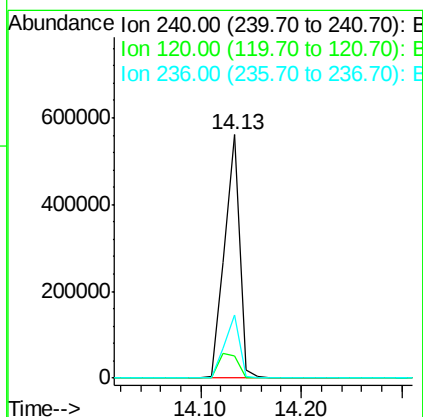
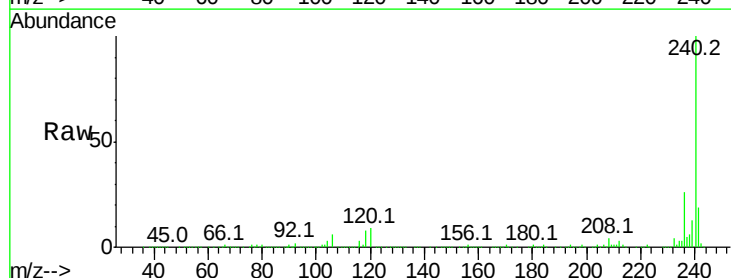
Instrument :
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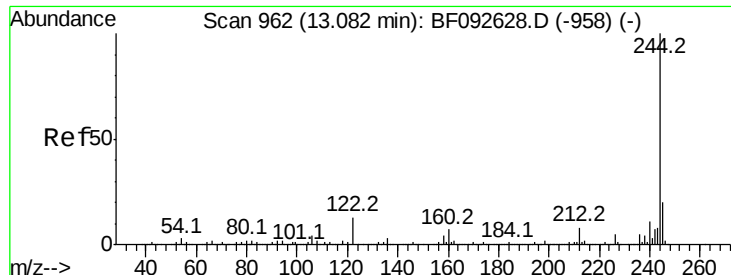
Tot Ion:188 Resp: 629333
Ion Ratio Lower Upper
188 100
94 9.5 10.0 15.0#
80 9.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092642.D
Acq: 30 Jan 2017 19:16

Tgt Ion:240 Resp: 590776
Ion Ratio Lower Upper
240 100
120 9.1 12.9 19.3#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 62.89 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB96532BL

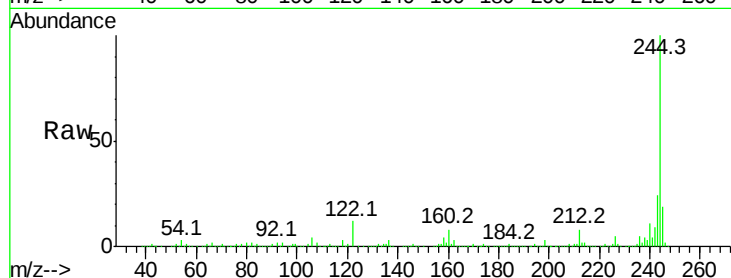
Tot Ion:244 Resp: 1581300

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

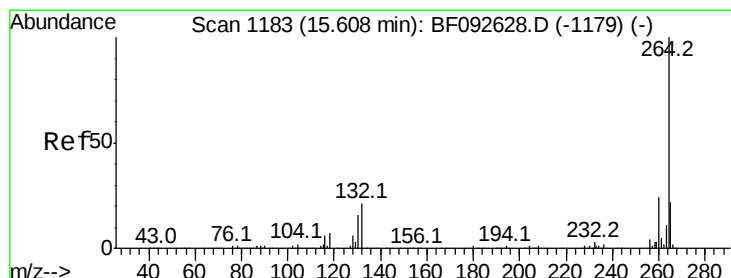
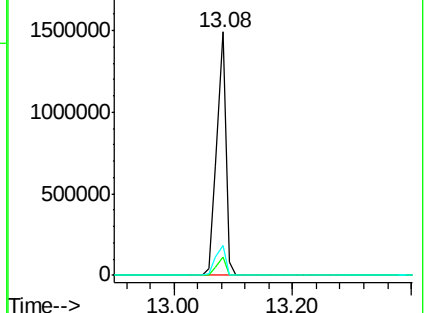
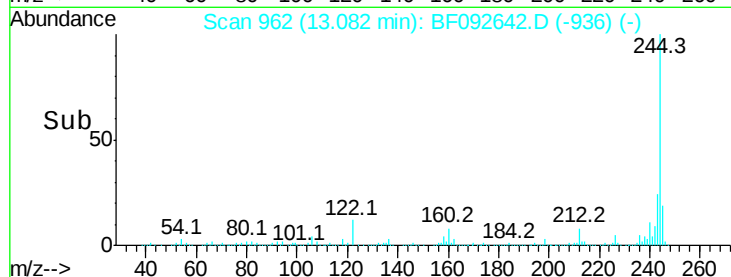
122 12.4 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF092642.D

Acq: 30 Jan 2017 19:16

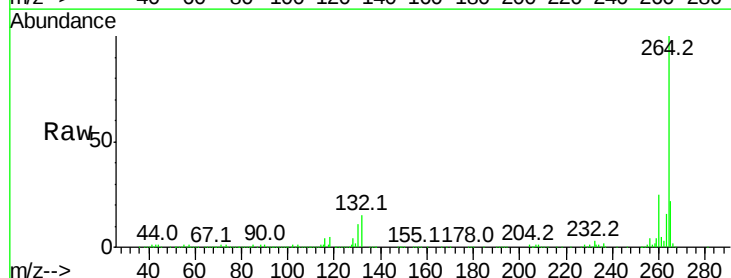
Tgt Ion:264 Resp: 475641

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.6 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

