

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092251.D
 Acq On : 13 Jan 2017 19:35
 Operator : UM/SJ
 Sample : PB95965BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BL

Quant Time: Jan 16 02:18:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	197083	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	907759	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	387499	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	696731	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	549998	20.00	ng	-0.02
86) Perylene-d12	15.07	264	454945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1629847	138.08	ng	0.01
7) Phenol-d6	6.24	99	1838277	127.56	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1306498	80.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	437672	136.48	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1829806	98.85	ng	-0.01
78) Terphenyl-d14	12.68	244	1921016	84.71	ng	-0.01

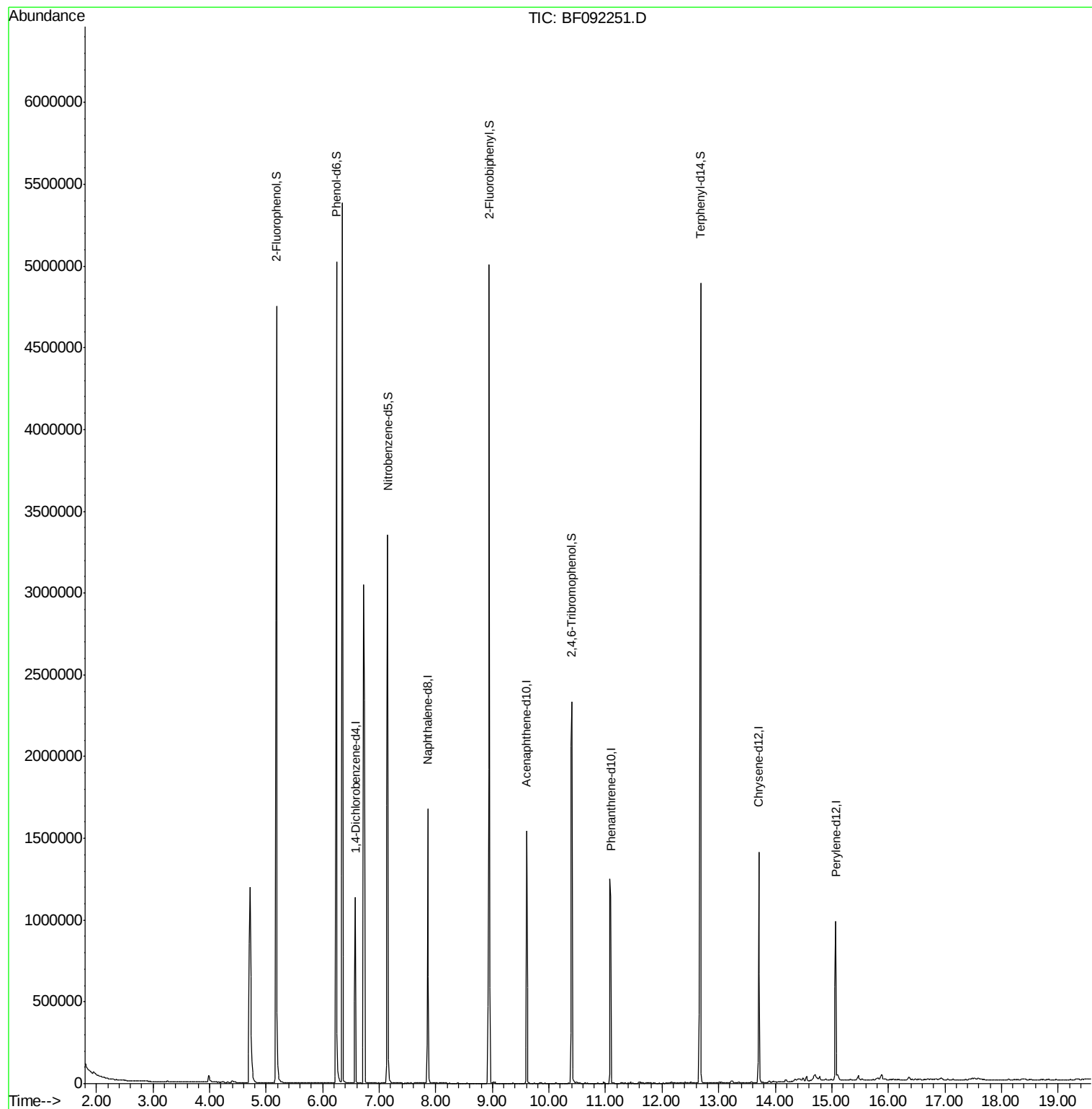
Target Compounds Qvalue

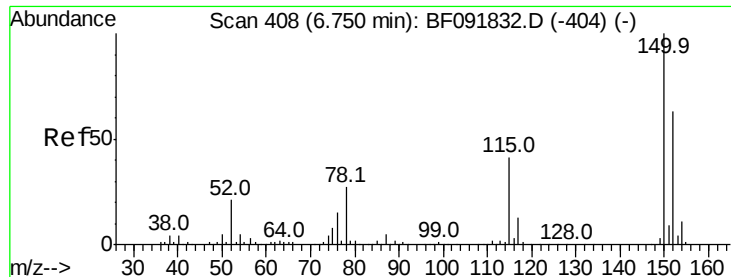
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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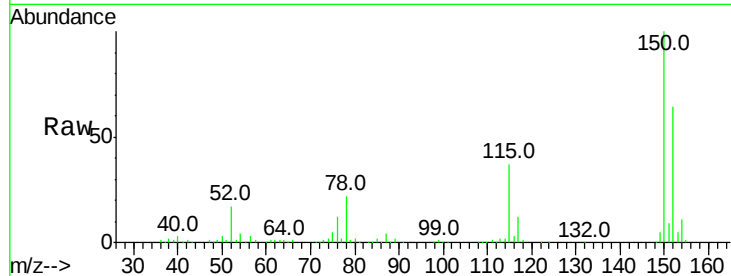


#1

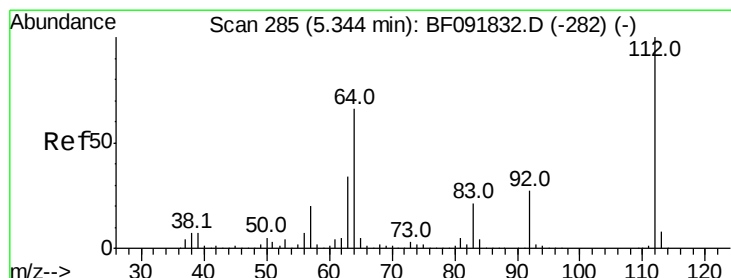
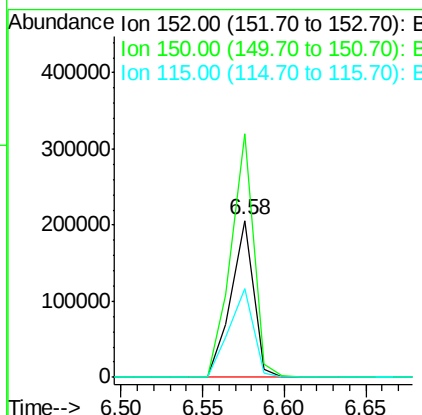
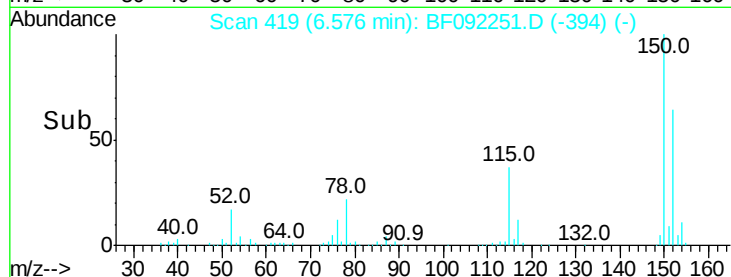
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092251.D
Acq: 13 Jan 2017 19:35

Instrument :
BNA_F
ClientSampleId :
PB95965BL

Tot Ion:152 Resp: 197083
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 56.7 46.0 69.0



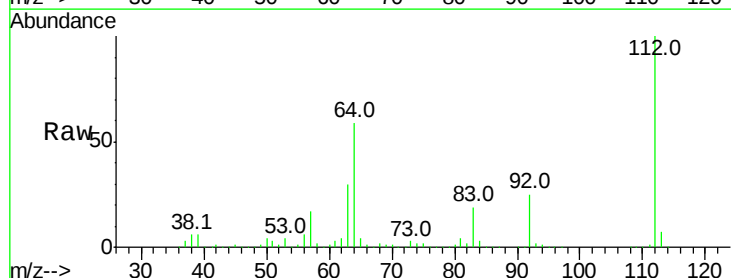
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



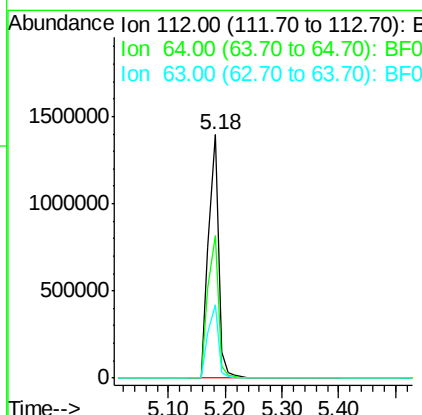
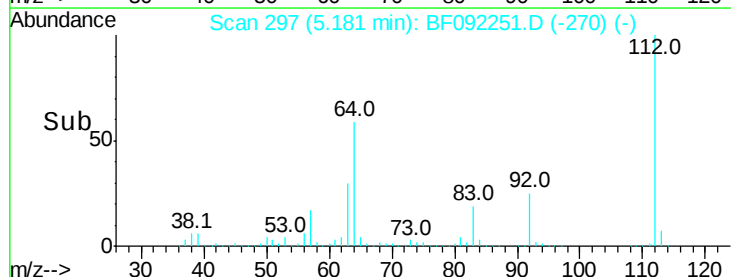
#5

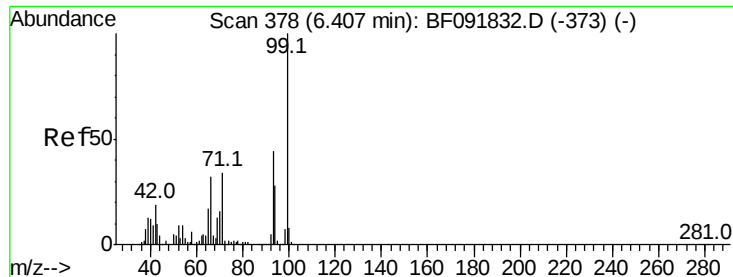
2-Fluorophenol
Concen: 138.08 ng
RT: 5.18 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF092251.D
Acq: 13 Jan 2017 19:35

Tgt Ion:112 Resp: 1629847
Ion Ratio Lower Upper
112 100
64 58.7 46.1 69.1
63 30.3 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: 127.56 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Instrument :

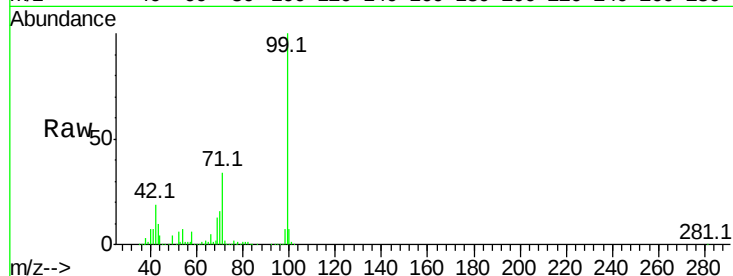
BNA_F

ClientSampleId :

PB95965BL

Tot Ion: 99 Resp: 1838277

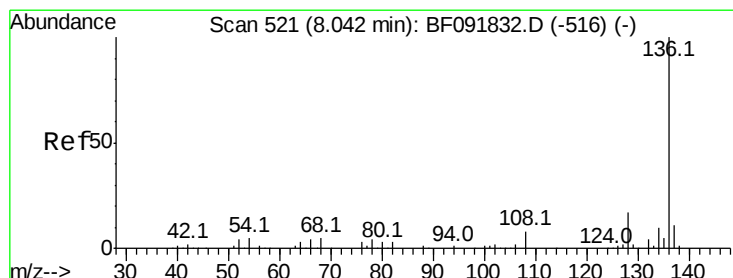
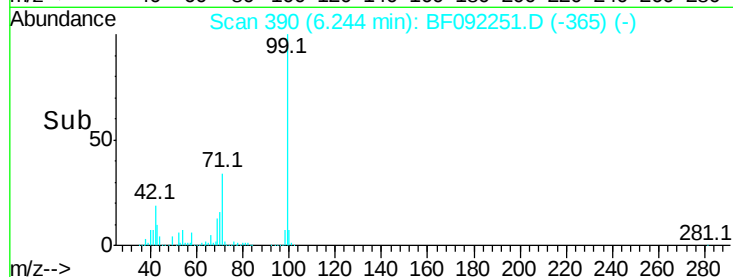
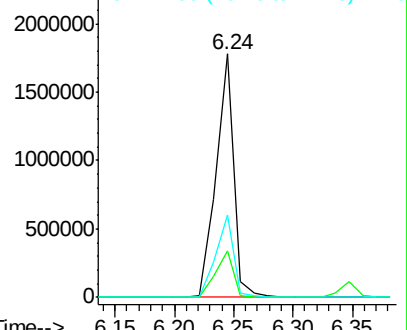
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.6	23.4
71	34.0	27.5	41.3



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: 7.86 min Scan# 531

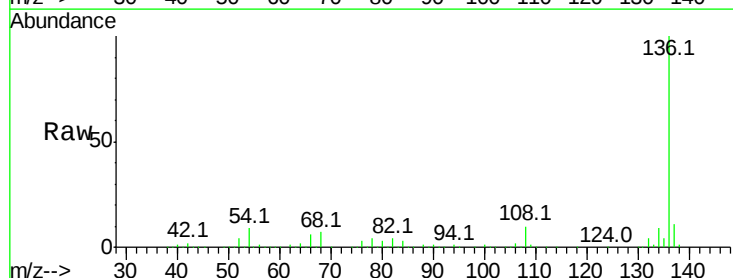
Delta R.T. -0.02 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Tgt Ion: 136 Resp: 907759

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.8	4.5	6.7#
68	6.8	3.6	5.4#

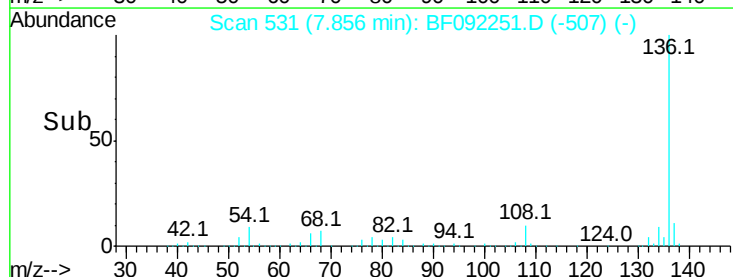
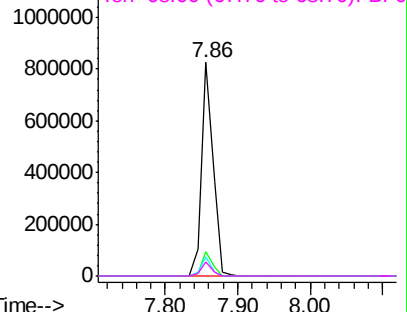


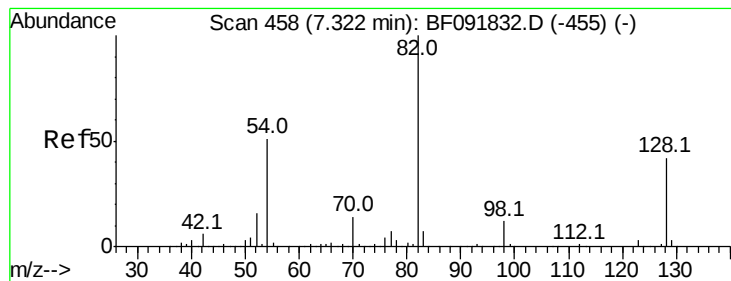
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.03 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Instrument :

BNA_F

ClientSampleId :

PB95965BL

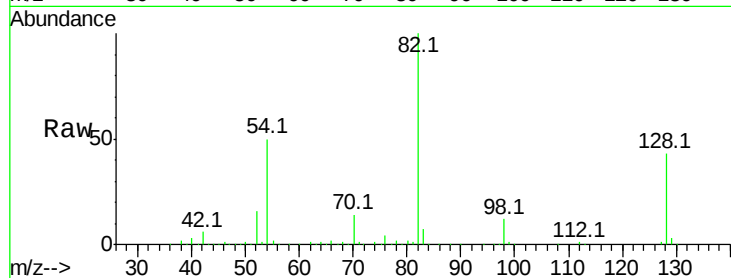
Tot Ion: 82 Resp: 1306498

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	50.1	39.5	59.3

82 100

128 42.7 34.6 52.0

54 50.1 39.5 59.3

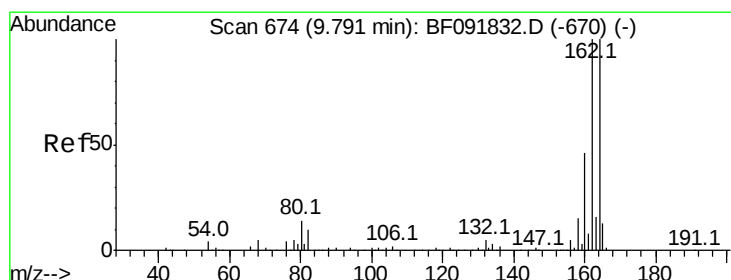
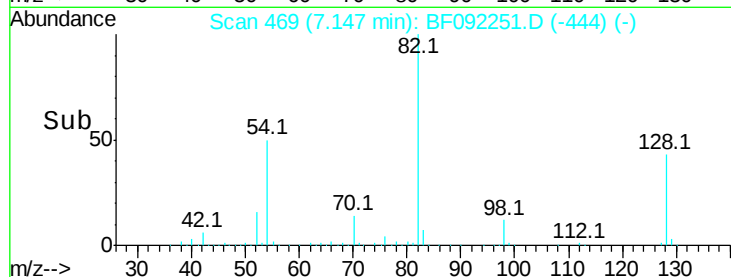
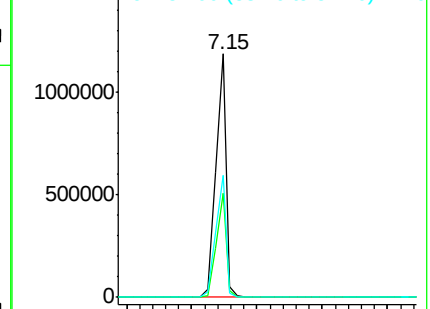


Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

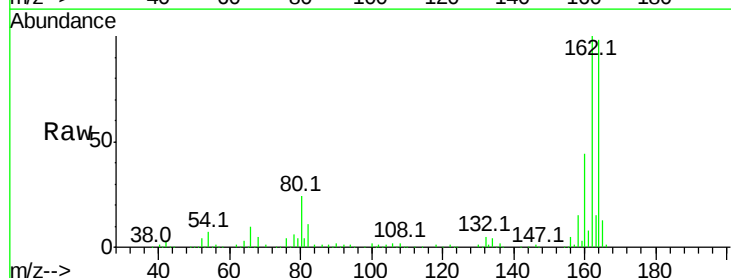
Tgt Ion:164 Resp: 387499

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	45.3	36.9	55.3

164 100

162 101.8 80.2 120.2

160 45.3 36.9 55.3

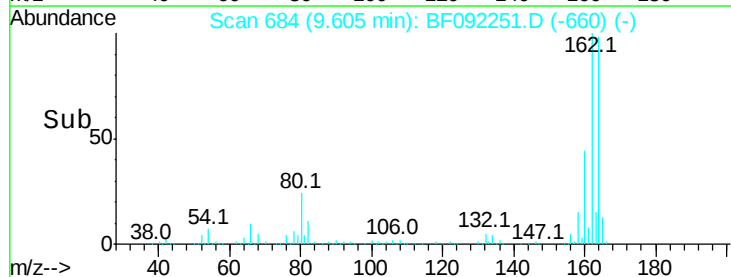
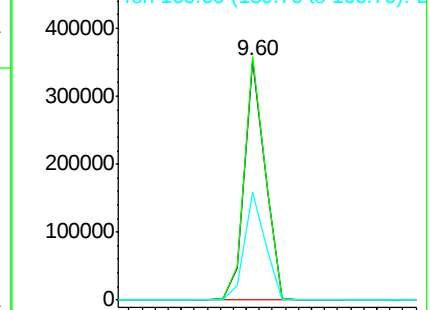


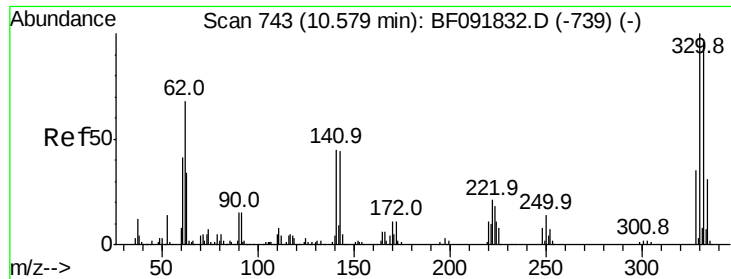
Abundance

Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

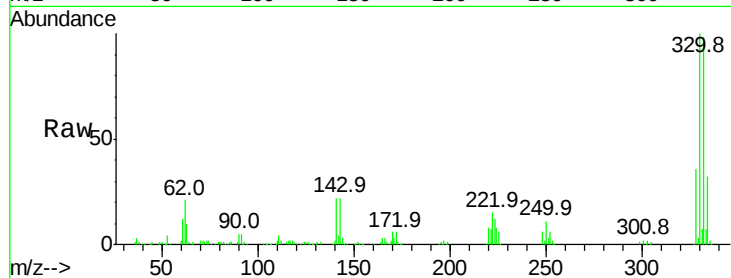




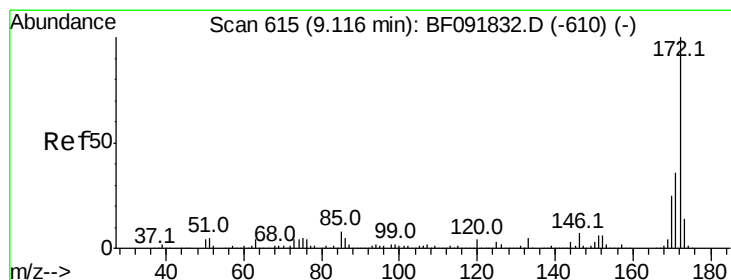
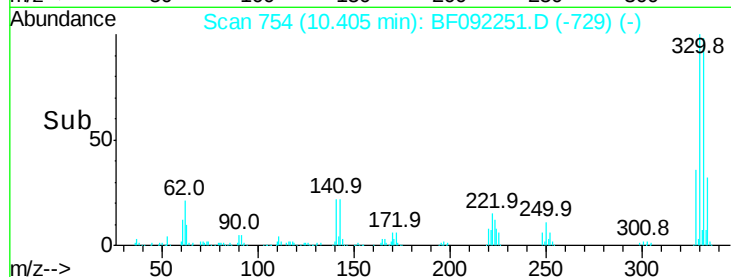
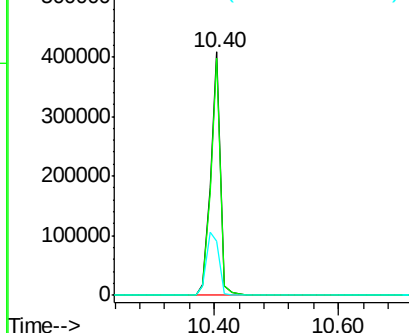
#41
 2,4,6-Tribromophenol
 Concen: 136.48 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BL

Tot Ion:330 Resp: 437672
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 34.3 34.1 51.1

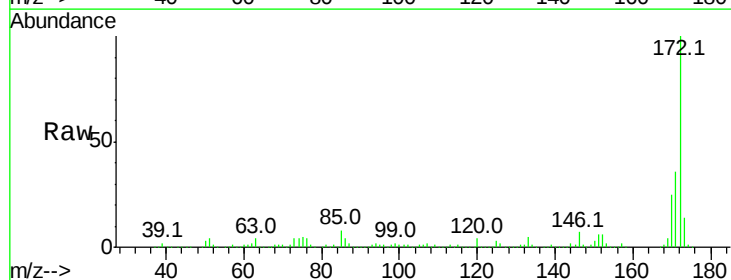


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

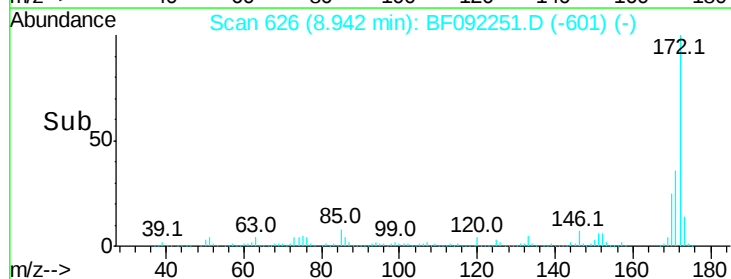
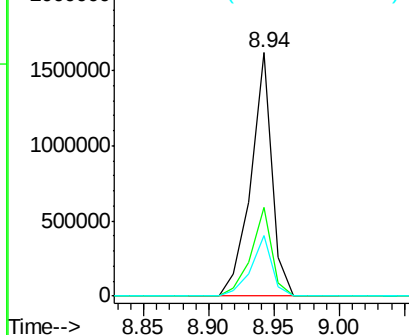


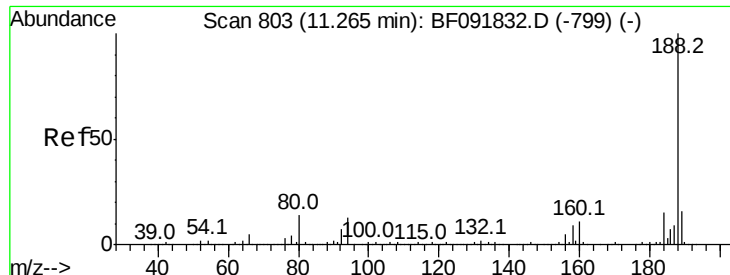
#44
 2-Fluorobiphenyl
 Concen: 98.85 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Tgt Ion:172 Resp: 1829806
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 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

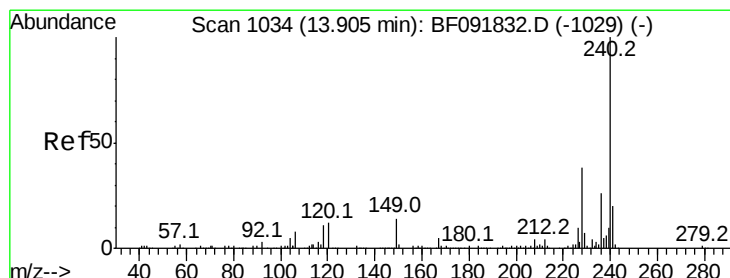
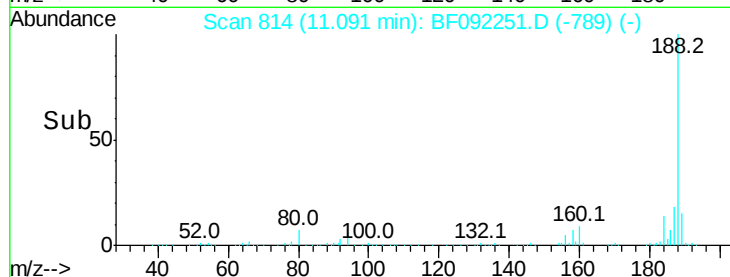
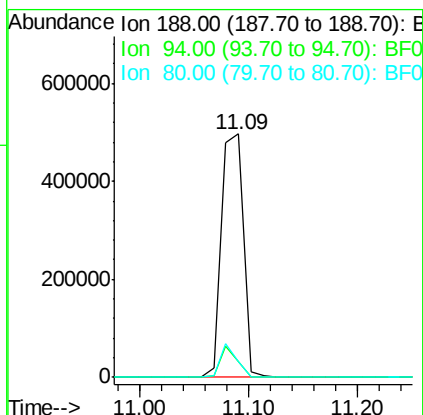
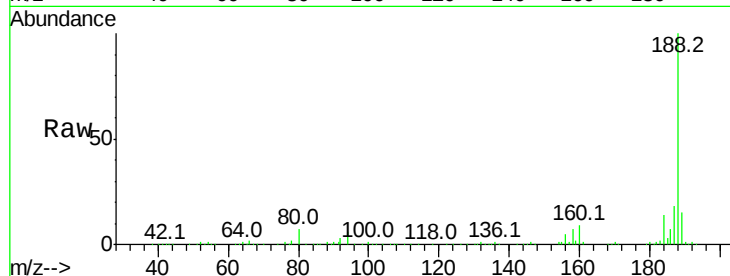




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

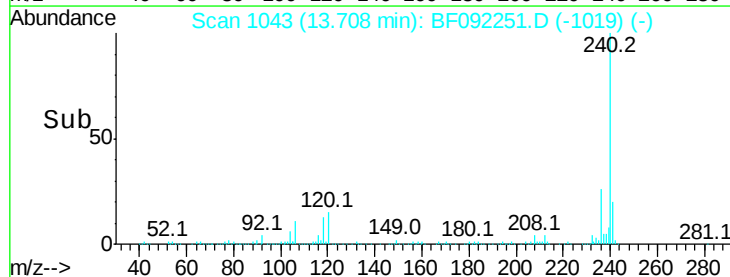
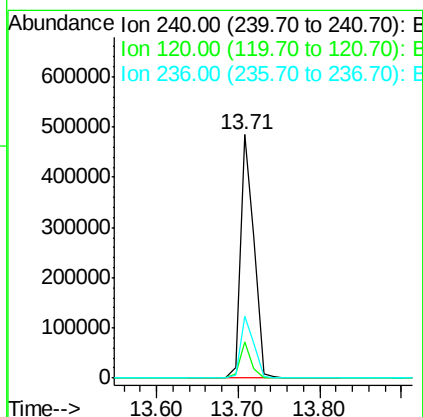
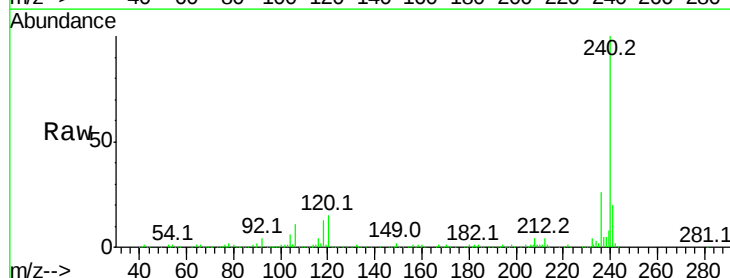
Instrument :
 BNA_F
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 PB95965BL

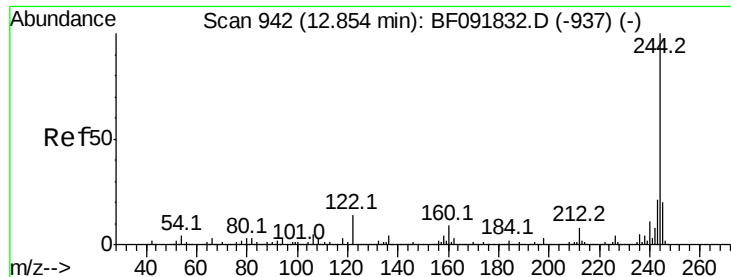
Tot Ion:188 Resp: 696731
 Ion Ratio Lower Upper
 188 100
 94 6.4 10.0 15.0#
 80 6.6 11.2 16.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Tgt Ion:240 Resp: 549998
 Ion Ratio Lower Upper
 240 100
 120 14.7 12.9 19.3
 236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 84.71 ng

RT: 12.68 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Instrument :

BNA_F

ClientSampleId :

PB95965BL

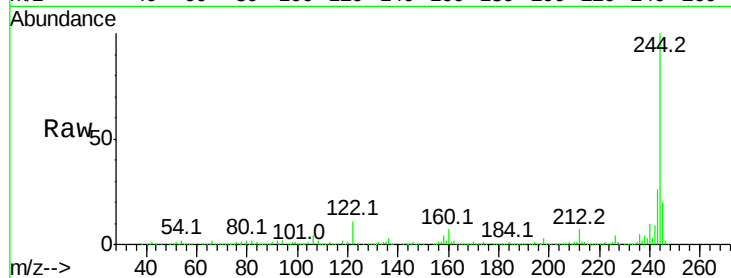
Tot Ion:244 Resp: 1921016

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

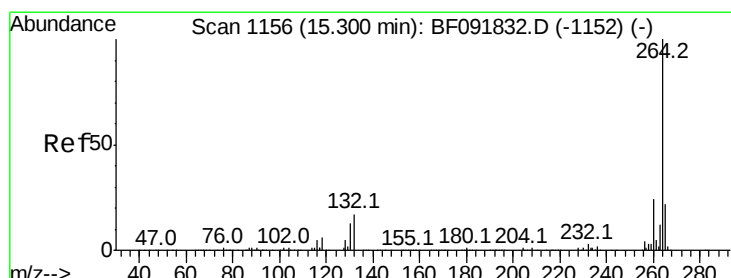
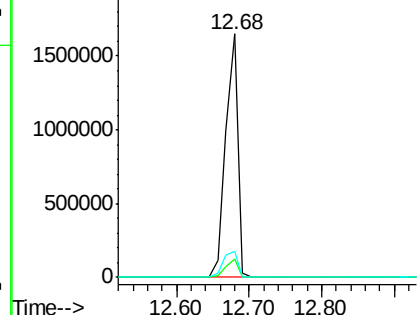
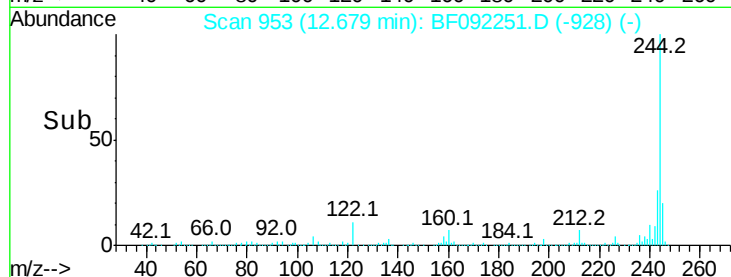
122 10.6 11.4 17.2#



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: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

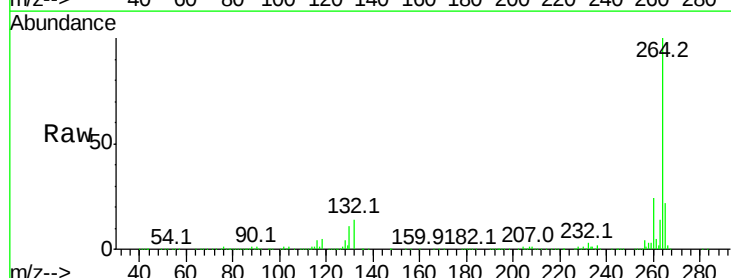
Tgt Ion:264 Resp: 454945

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 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

