

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092253.D
 Acq On : 13 Jan 2017 20:31
 Operator : UM/SJ
 Sample : PB95972BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BL

Quant Time: Jan 16 02:23:23 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	174242	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	830152	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	389542	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	655242	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	525785	20.00	ng	-0.02
86) Perylene-d12	15.07	264	438922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1813678	173.80	ng	0.01
7) Phenol-d6	6.24	99	1919495	150.66	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1251943	83.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	442026	137.12	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1871677	100.85	ng	-0.01
78) Terphenyl-d14	12.68	244	1939632	89.47	ng	-0.01

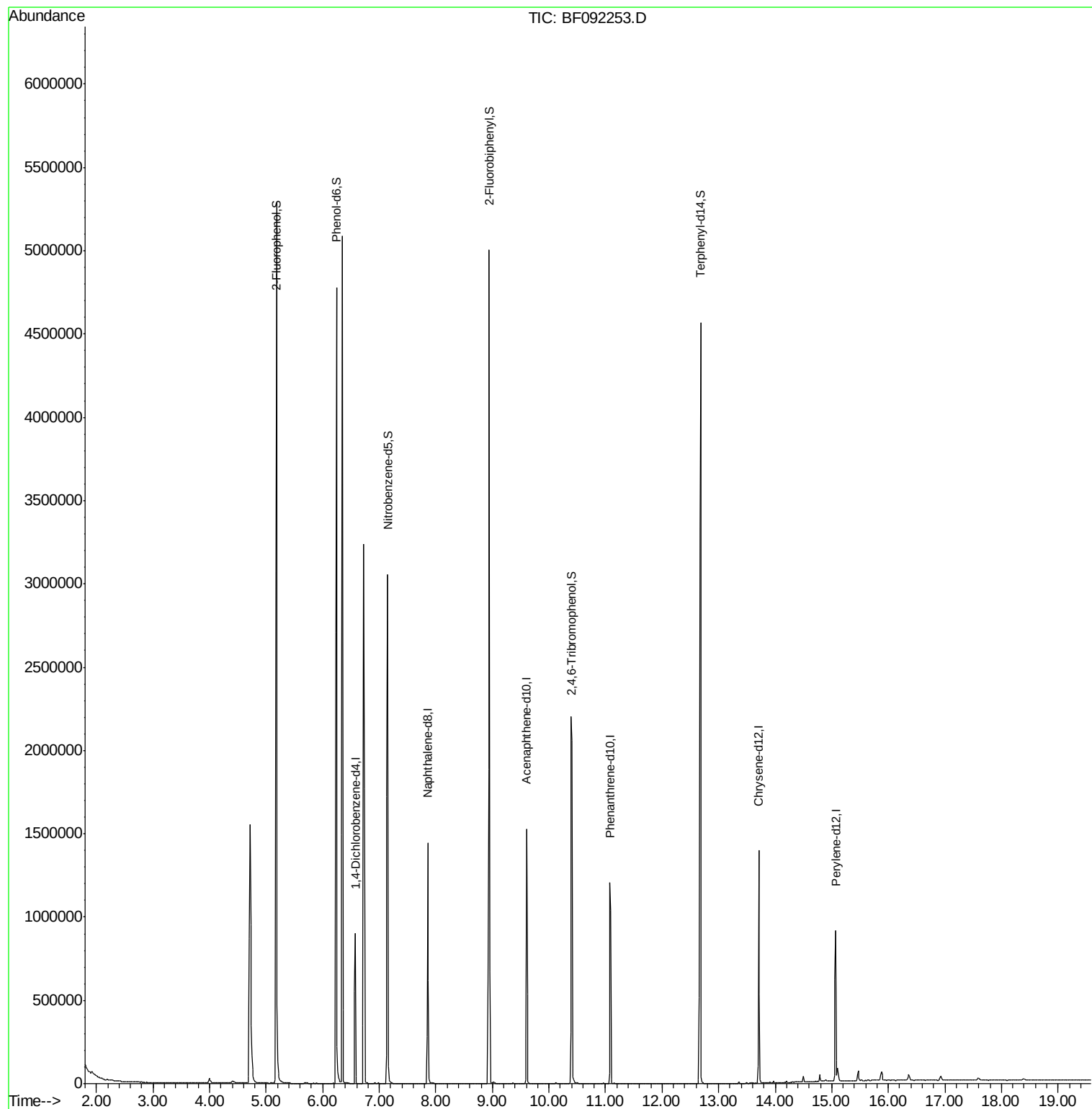
Target Compounds Qvalue

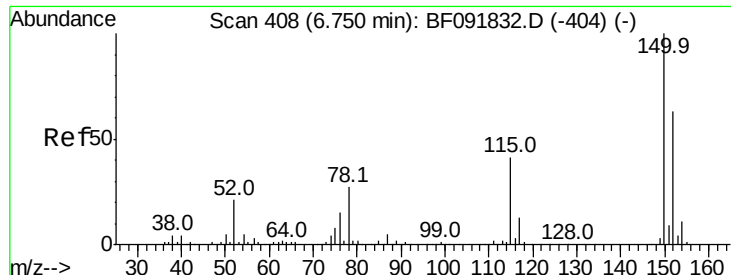
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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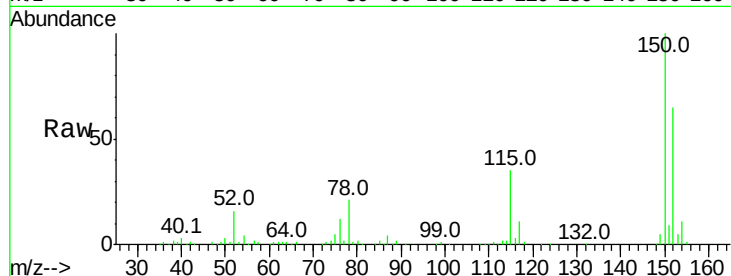


#1

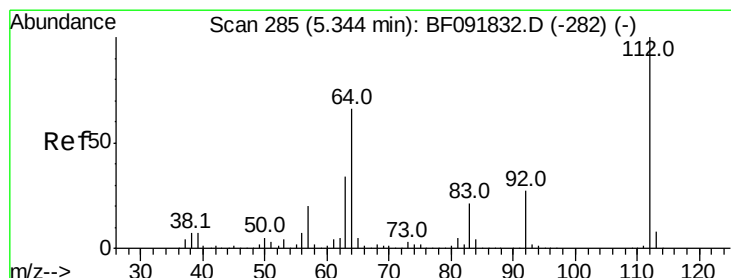
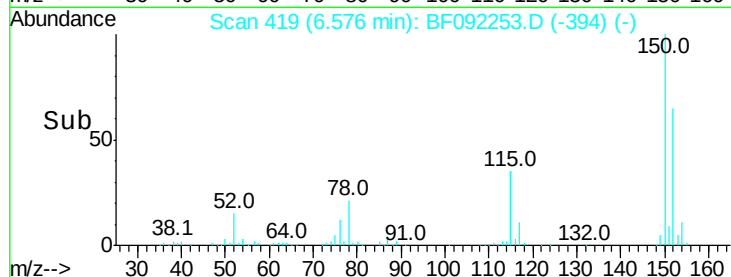
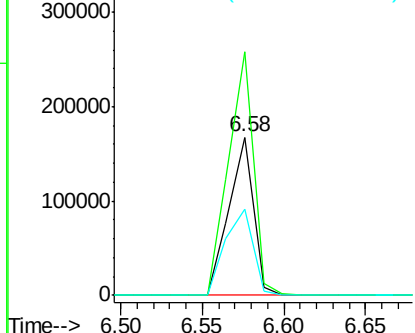
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092253.D
Acq: 13 Jan 2017 20:31

Instrument :
BNA_F
ClientSampleId :
PB95972BL

Tot Ion:152 Resp: 174242
Ion Ratio Lower Upper
152 100
150 154.0 124.9 187.3
115 54.3 46.0 69.0



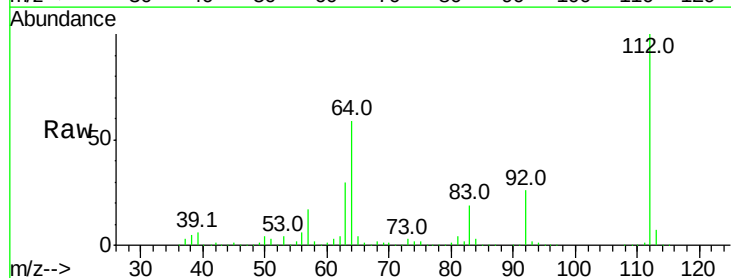
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



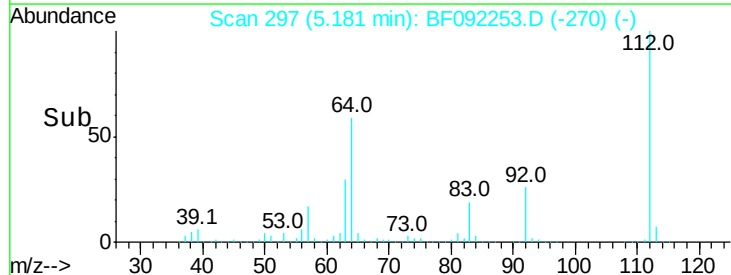
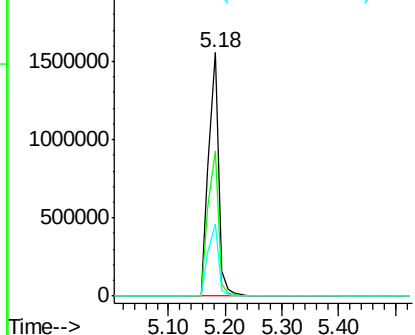
#5

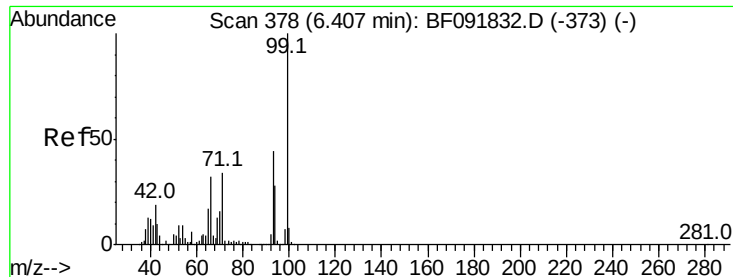
2-Fluorophenol
Concen: 173.80 ng
RT: 5.18 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF092253.D
Acq: 13 Jan 2017 20:31

Tgt Ion:112 Resp: 1813678
Ion Ratio Lower Upper
112 100
64 59.3 46.1 69.1
63 29.7 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: 150.66 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092253.D

Acq: 13 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

PB95972BL

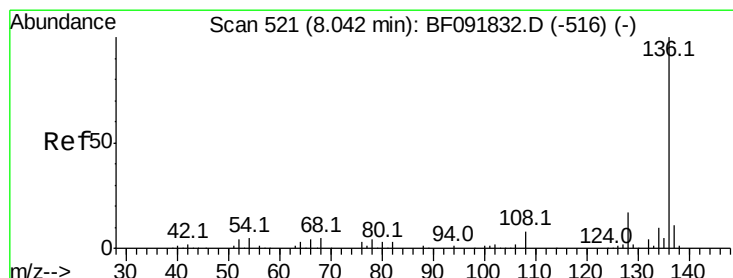
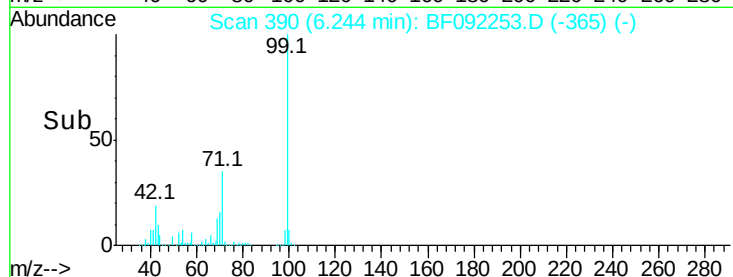
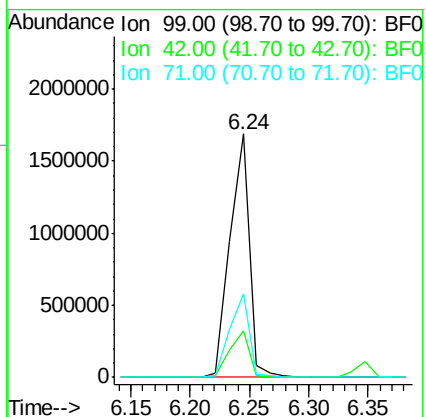
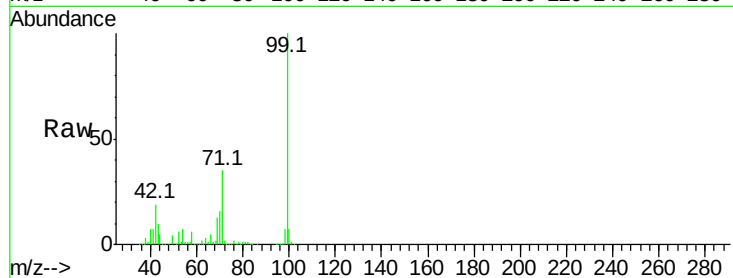
Tot Ion: 99 Resp: 1919495

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 34.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF092253.D

Acq: 13 Jan 2017 20:31

Tgt Ion: 136 Resp: 830152

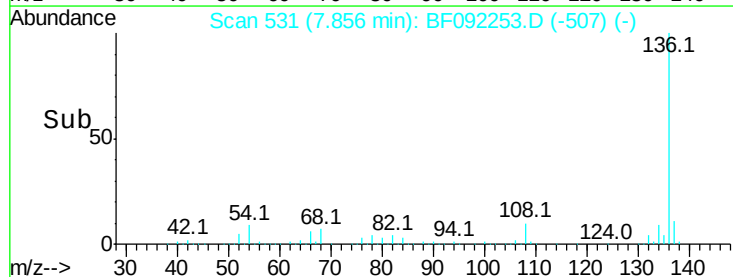
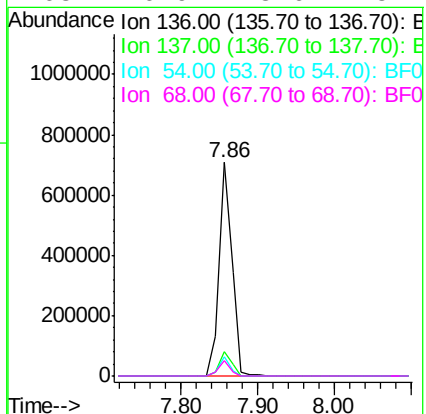
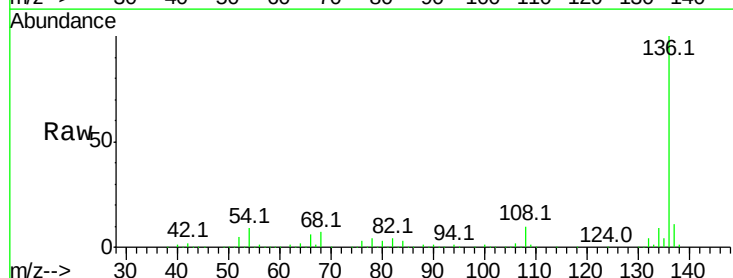
Ion Ratio Lower Upper

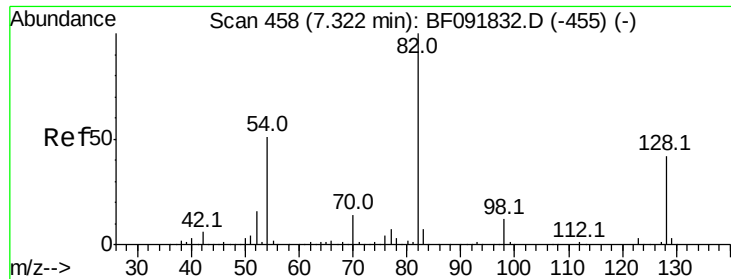
136 100

137 11.2 8.4 12.6

54 8.9 4.5 6.7#

68 6.9 3.6 5.4#



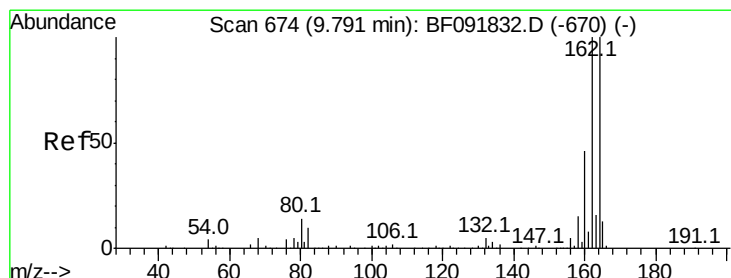
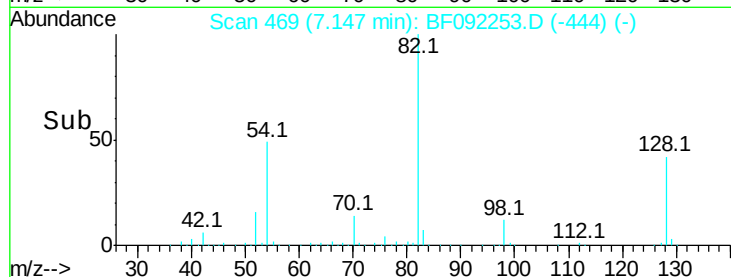
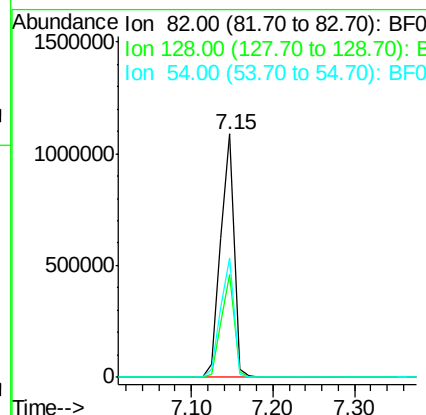
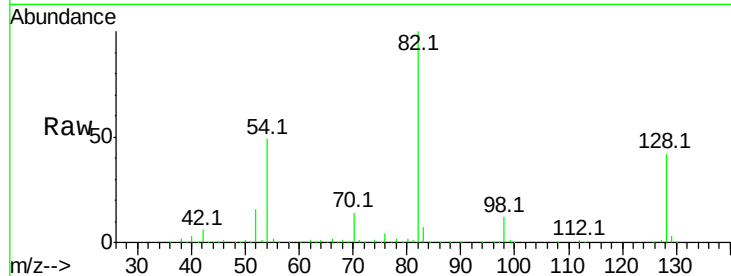


#23
 Nitrobenzene-d5
 Concen: 83.86 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092253.D
 Acq: 13 Jan 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BL

Tot Ion: 82 Resp: 1251943

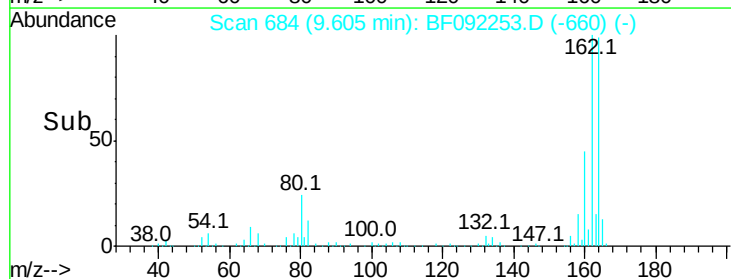
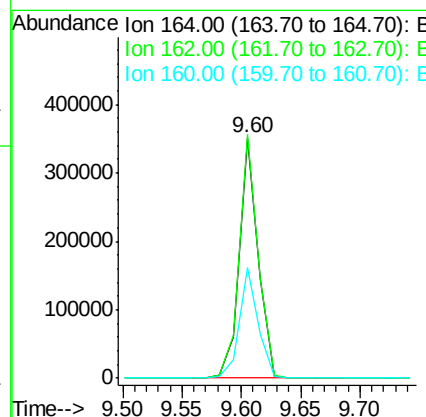
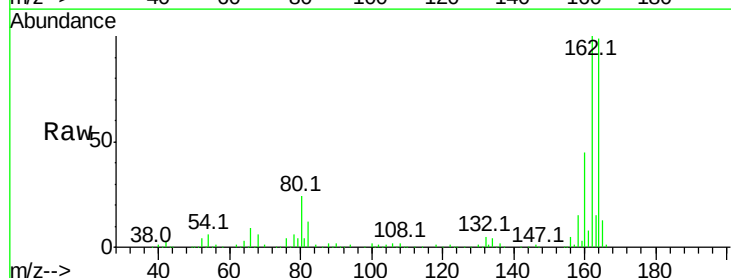
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	49.1	39.5	59.3

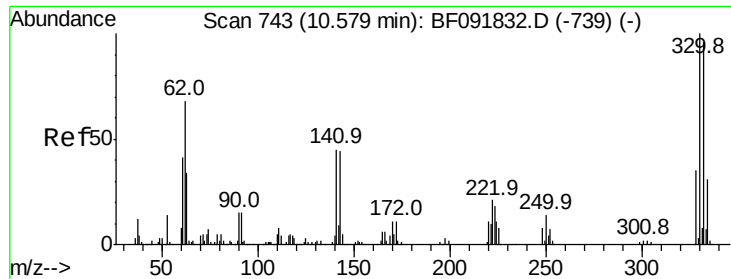


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092253.D
 Acq: 13 Jan 2017 20:31

Tgt Ion:164 Resp: 389542

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.9	36.9	55.3

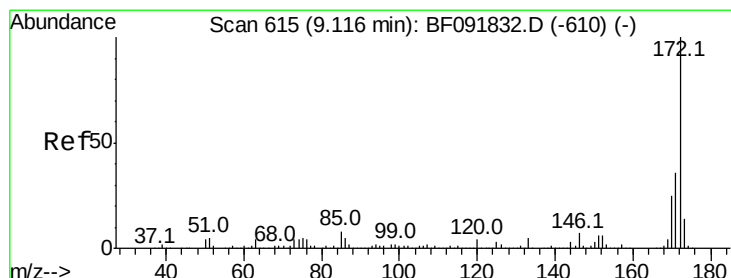
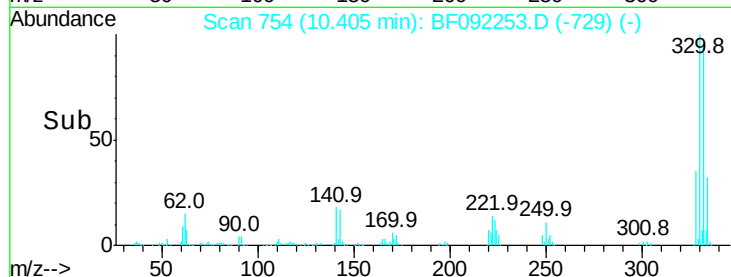
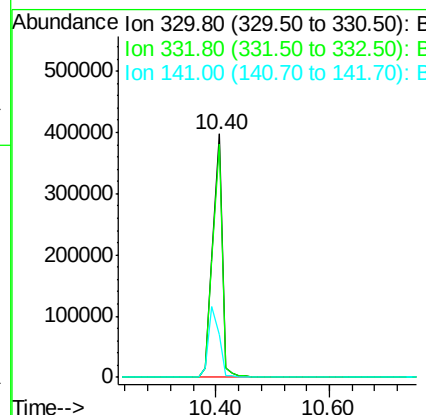
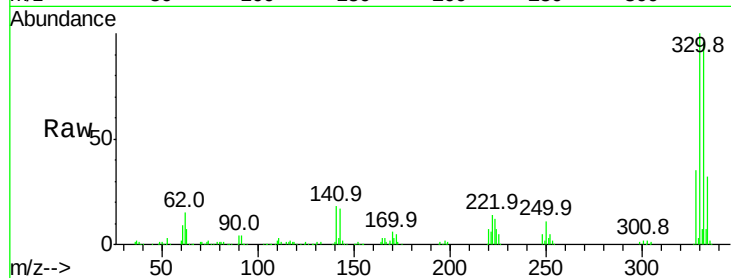




#41
 2,4,6-Tribromophenol
 Concen: 137.12 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092253.D
 Acq: 13 Jan 2017 20:31

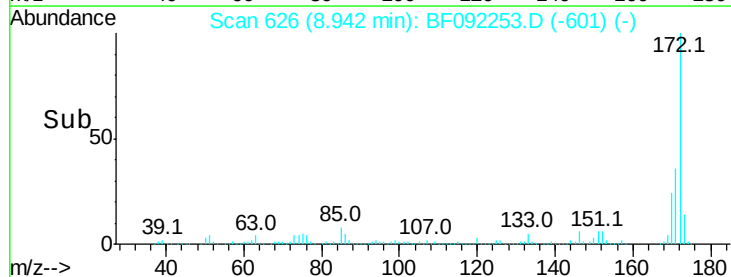
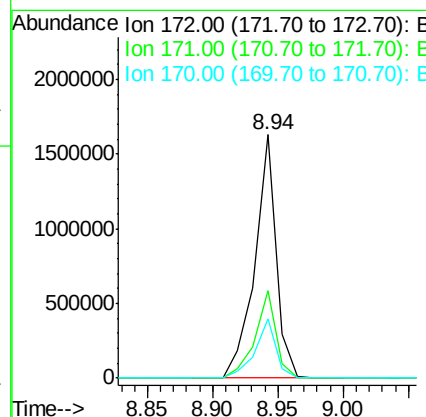
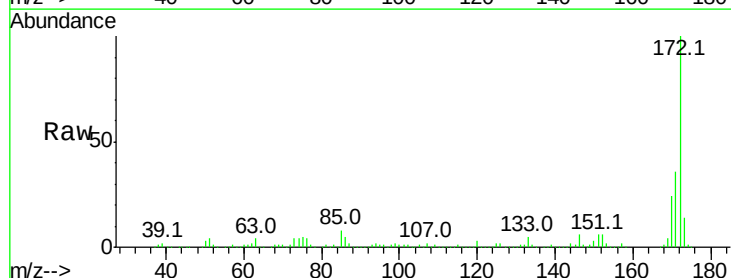
Instrument :
 BNA_F
 ClientSampleId :
 PB95972BL

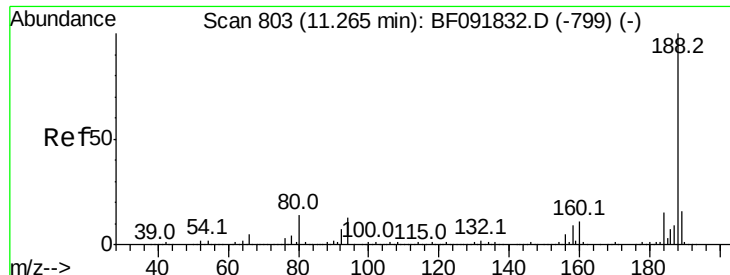
Tot Ion:330 Resp: 442026
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 32.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 100.85 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092253.D
 Acq: 13 Jan 2017 20:31

Tgt Ion:172 Resp: 1871677
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.2 20.2 30.4

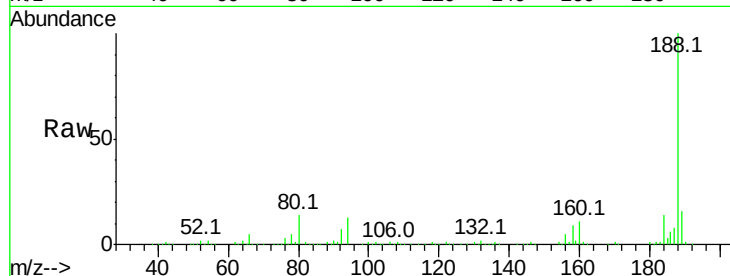




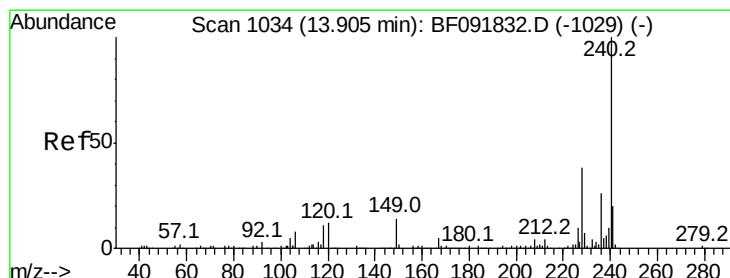
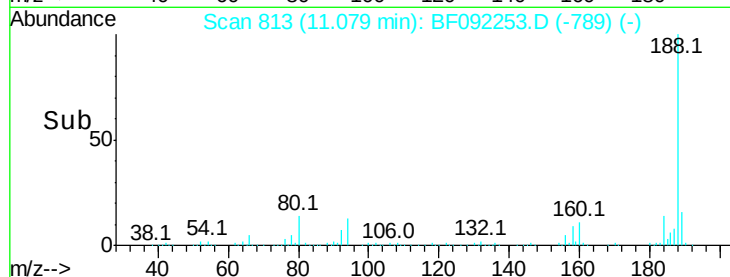
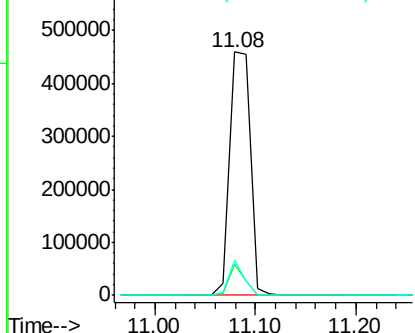
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092253.D
Acq: 13 Jan 2017 20:31

Instrument :
BNA_F
ClientSampleId :
PB95972BL

Tot Ion:188 Resp: 655242
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 14.2 11.2 16.8

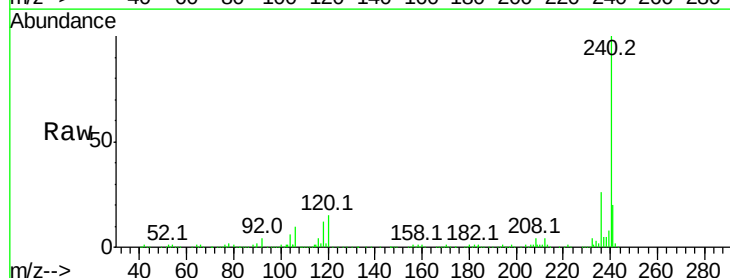


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

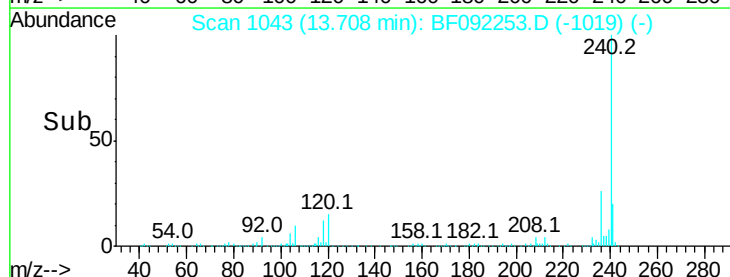
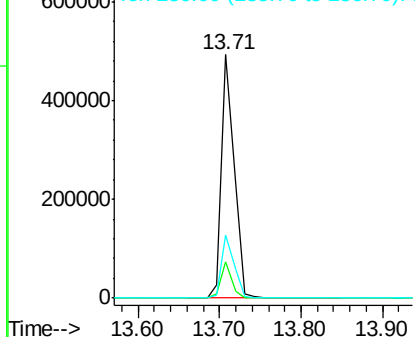


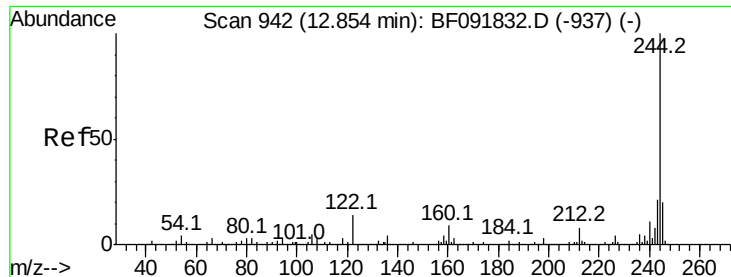
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092253.D
Acq: 13 Jan 2017 20:31

Tgt Ion:240 Resp: 525785
Ion Ratio Lower Upper
240 100
120 14.8 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: 89.47 ng

RT: 12.68 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092253.D

Acq: 13 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

PB95972BL

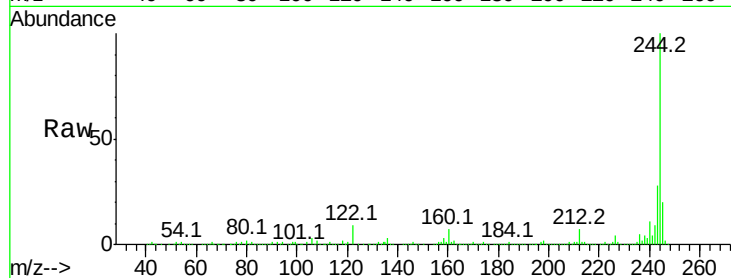
Tot Ion:244 Resp: 1939632

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

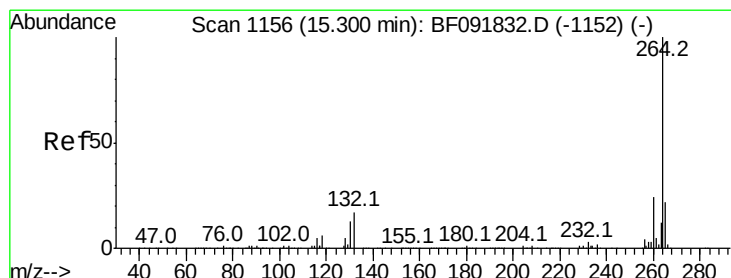
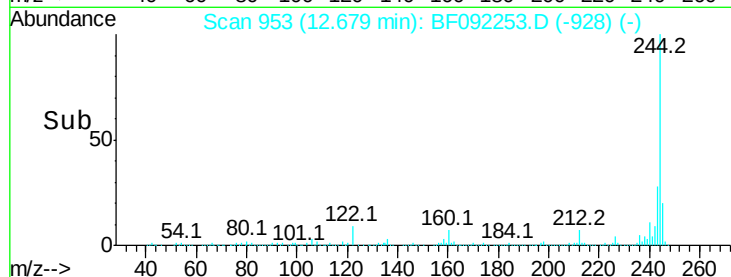
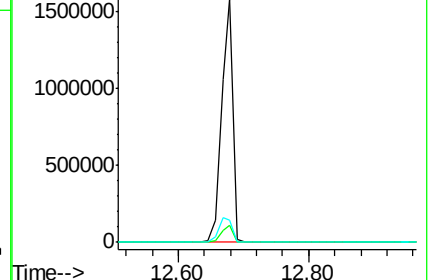
122 9.3 11.4 17.2#



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: BF092253.D

Acq: 13 Jan 2017 20:31

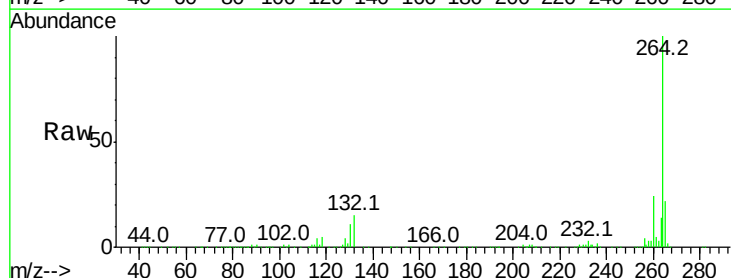
Tgt Ion:264 Resp: 438922

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 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

