

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091613.D
 Acq On : 15 Dec 2016 6:41
 Operator : UM/SJ
 Sample : PB95264BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BL

Quant Time: Dec 15 07:09:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	232990	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	916646	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	475589	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	648946	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	477204	20.00	ng	-0.02
86) Perylene-d12	15.36	264	387651	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1346972	97.40	ng	-0.01
7) Phenol-d6	6.43	99	1486914	86.24	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1547417	94.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	244592	61.92	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2806533	101.97	ng	-0.02
78) Terphenyl-d14	12.90	244	2033466	96.69	ng	-0.02

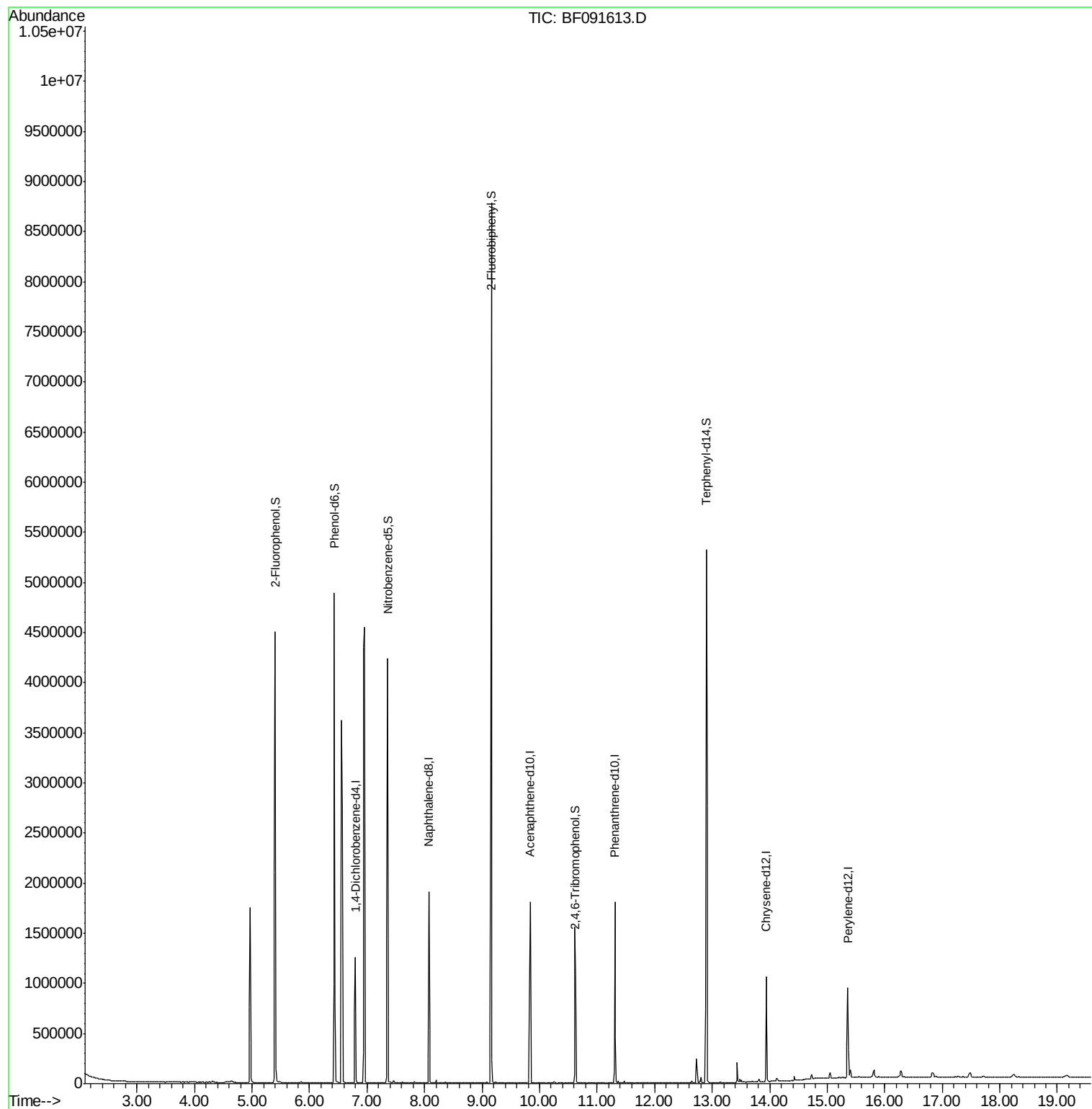
Target Compounds Qvalue

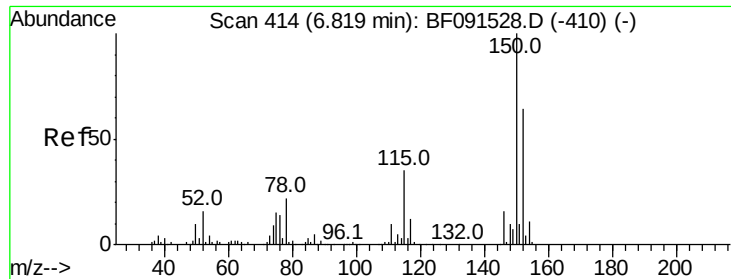
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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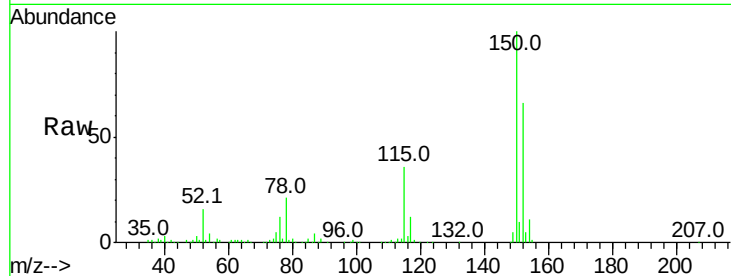


#1

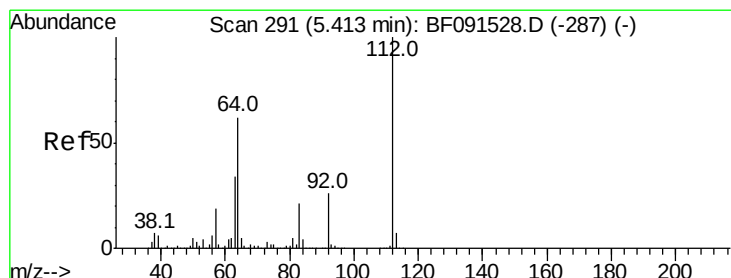
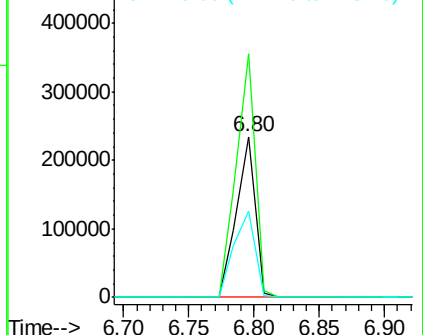
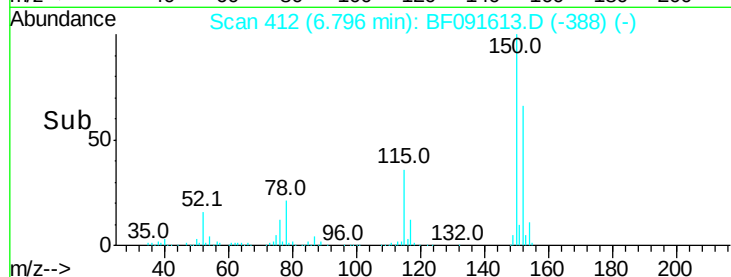
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091613.D
Acq: 15 Dec 2016 6:41

Instrument :
BNA_F
ClientSampleId :
PB95264BL

Tot Ion:152 Resp: 232990
Ion Ratio Lower Upper
152 100
150 151.4 122.5 183.7
115 54.0 51.8 77.8



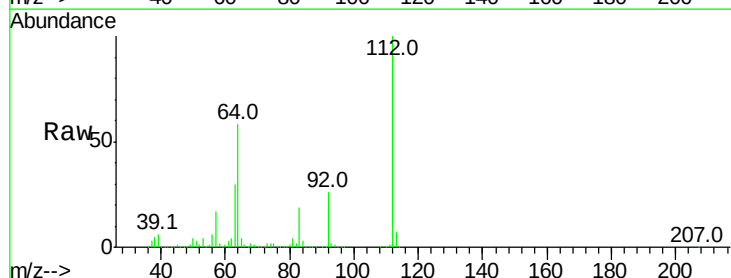
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



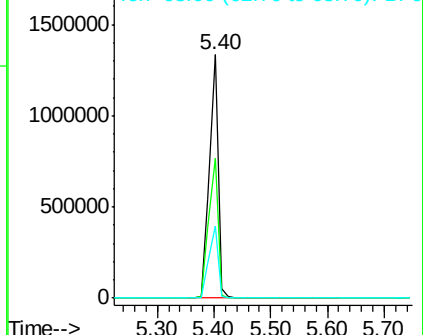
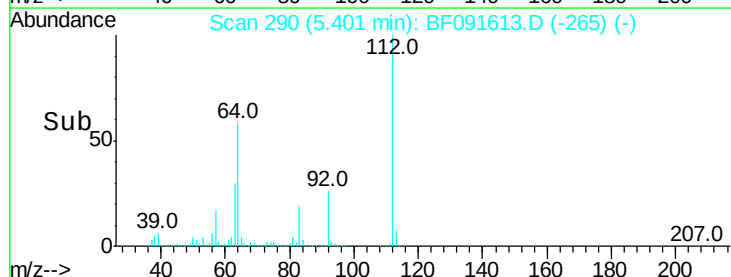
#5

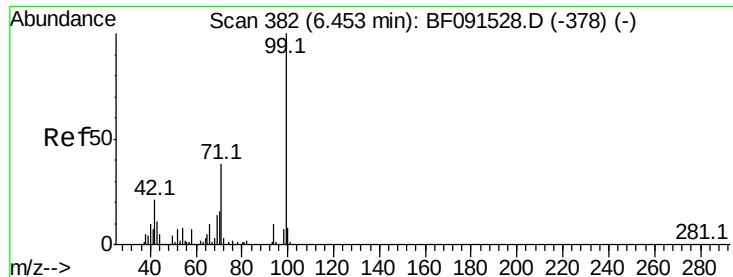
2-Fluorophenol
Concen: 97.40 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF091613.D
Acq: 15 Dec 2016 6:41

Tgt Ion:112 Resp: 1346972
Ion Ratio Lower Upper
112 100
64 57.6 61.5 92.3#
63 29.7 33.3 49.9#



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: 86.24 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091613.D

Acq: 15 Dec 2016 6:41

Instrument :

BNA_F

ClientSampleId :

PB95264BL

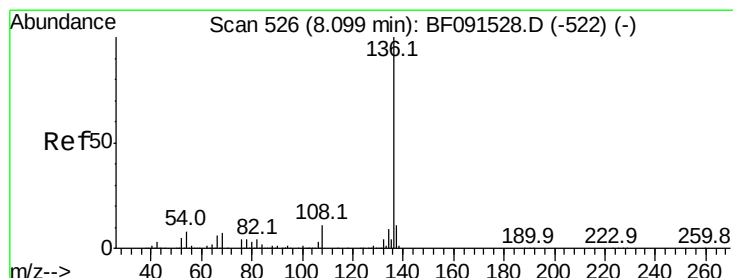
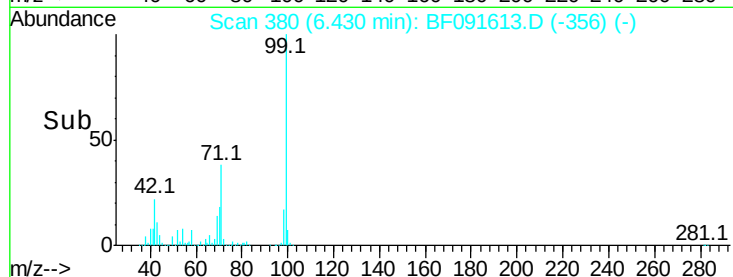
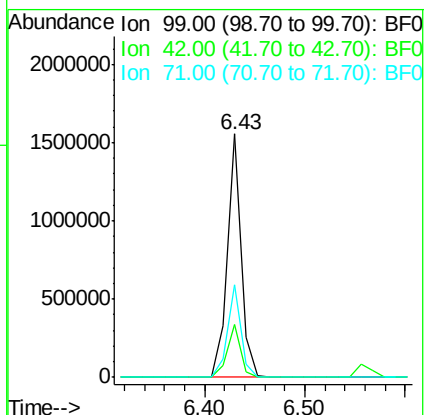
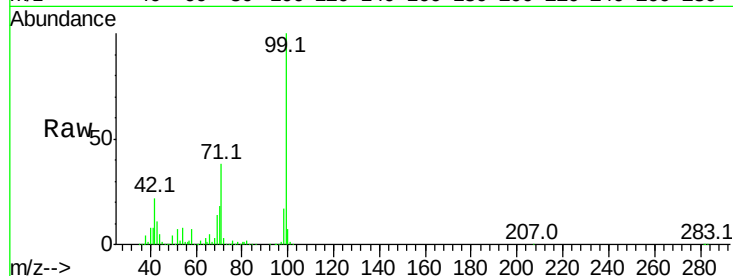
Tot Ion: 99 Resp: 1486914

Ion Ratio Lower Upper

99 100

42 21.8 20.6 31.0

71 38.2 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091613.D

Acq: 15 Dec 2016 6:41

Tgt Ion: 136 Resp: 916646

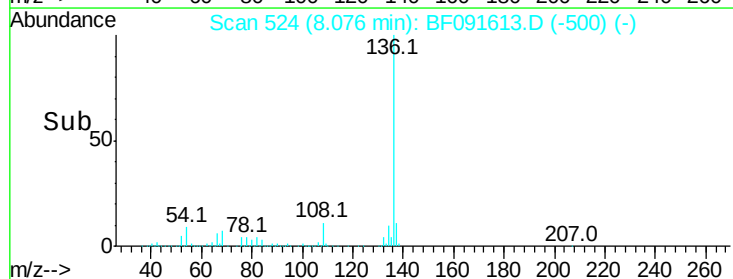
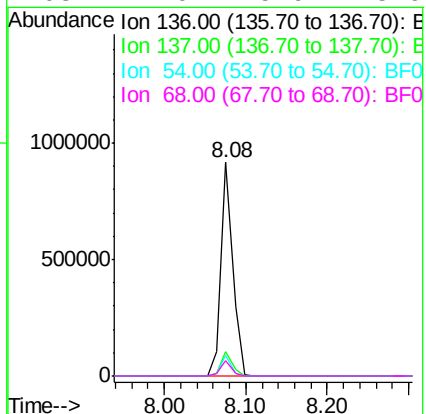
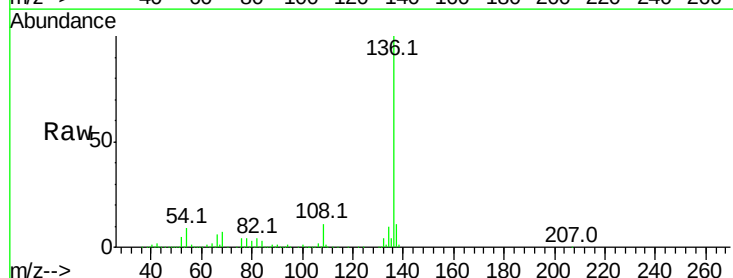
Ion Ratio Lower Upper

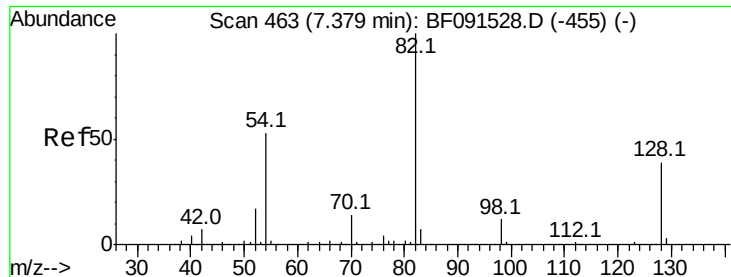
136 100

137 11.4 9.1 13.7

54 9.5 9.1 13.7

68 7.0 5.9 8.9



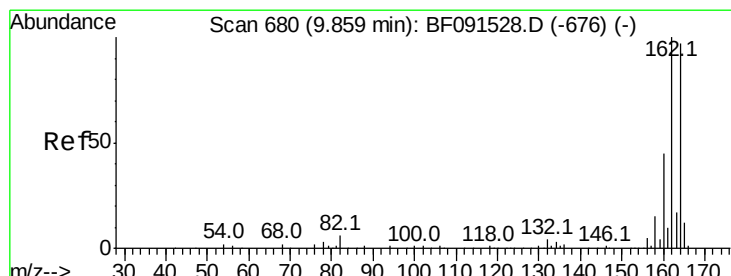
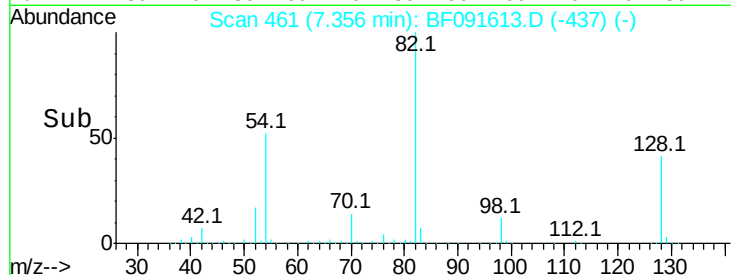
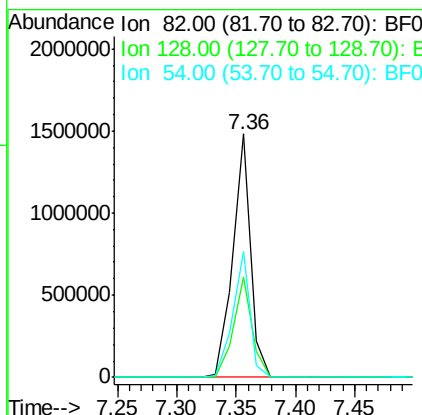
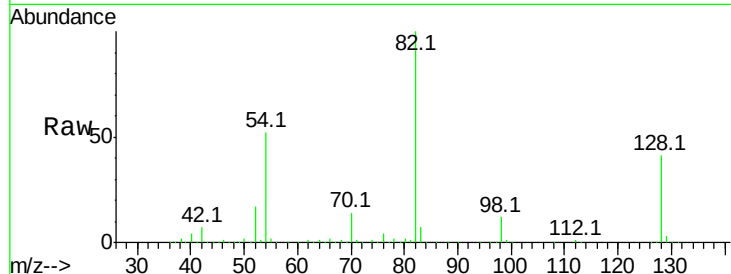


#23
 Nitrobenzene-d5
 Concen: 94.22 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091613.D
 Acq: 15 Dec 2016 6:41

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BL

Tot Ion: 82 Resp: 1547417

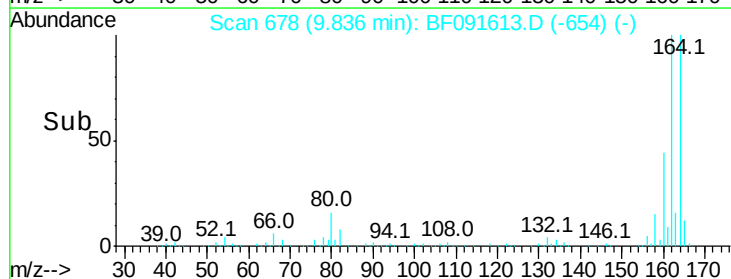
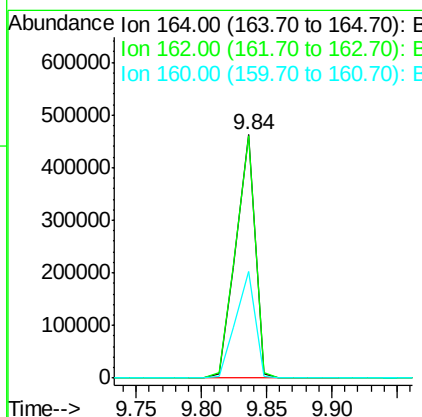
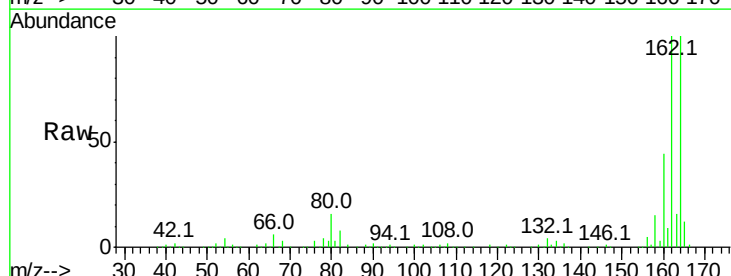
Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.8	47.6
54	51.6	49.1	73.7

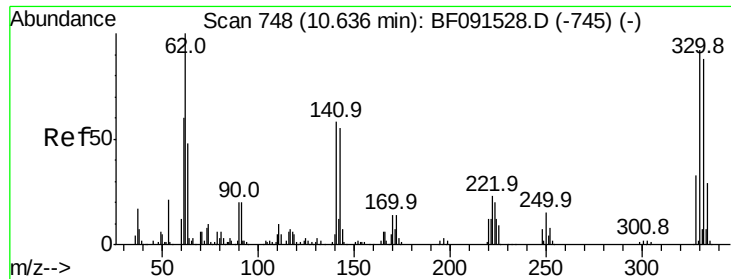


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF091613.D
 Acq: 15 Dec 2016 6:41

Tgt Ion: 164 Resp: 475589

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	124.0
160	43.8	36.7	55.1

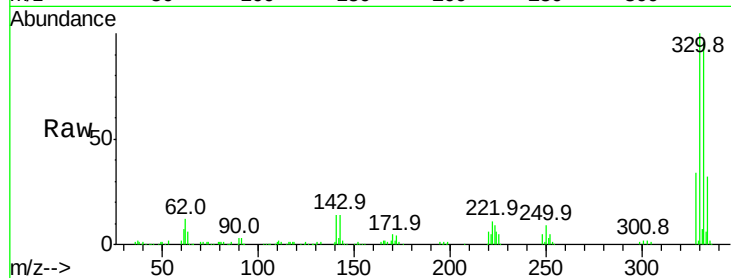




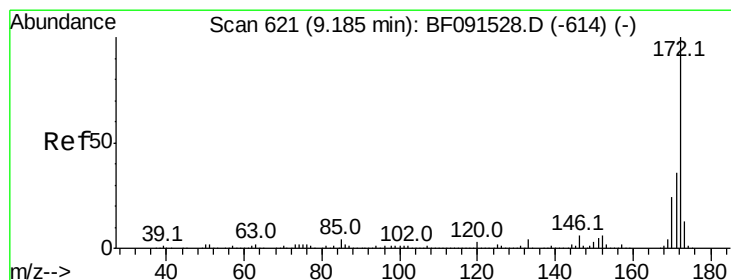
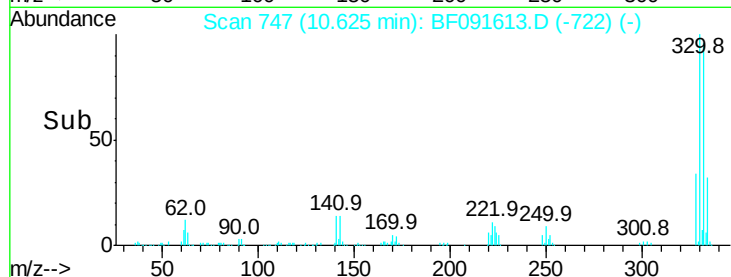
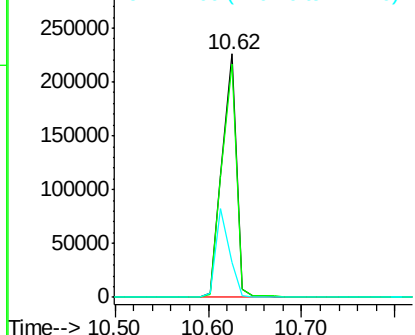
#41
 2,4,6-Tribromophenol
 Concen: 61.92 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091613.D
 Acq: 15 Dec 2016 6:41

Instrument :
 BNA_F
 ClientSampleId :
 PB95264BL

Tot Ion:330 Resp: 244592
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 34.1 33.6 50.4

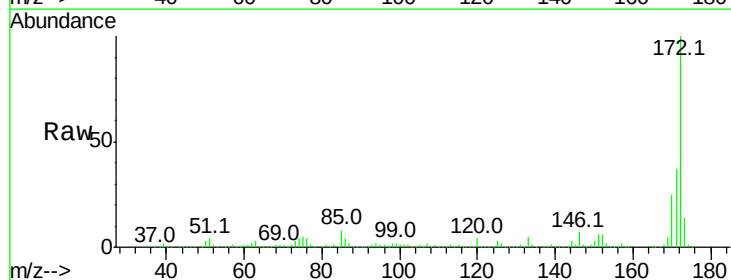


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

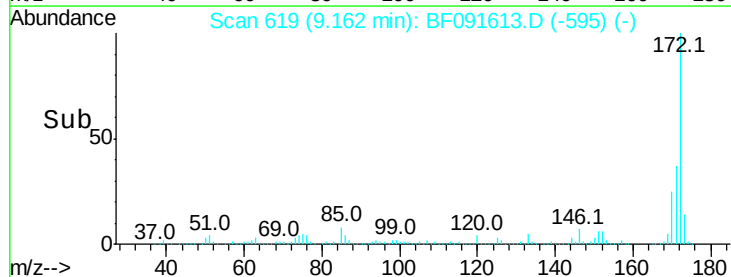
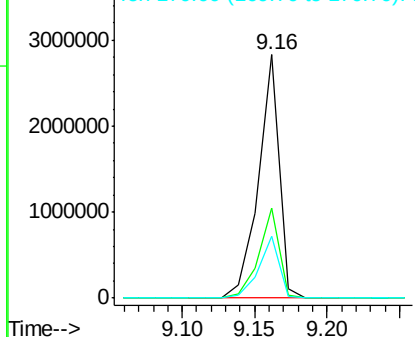


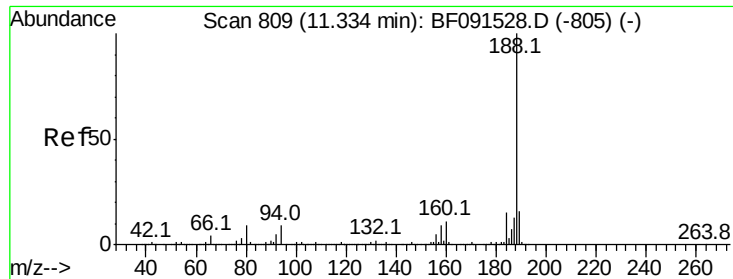
#44
 2-Fluorobiphenyl
 Concen: 101.97 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF091613.D
 Acq: 15 Dec 2016 6:41

Tgt Ion:172 Resp: 2806533
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.3 19.7 29.5



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

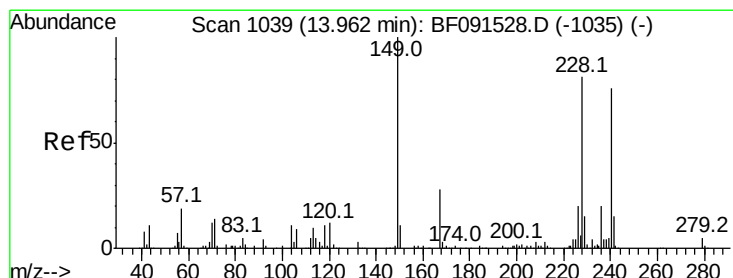
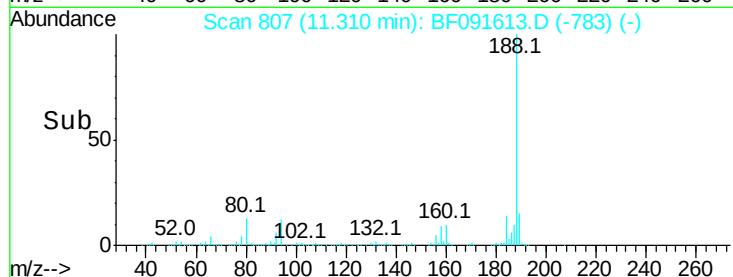
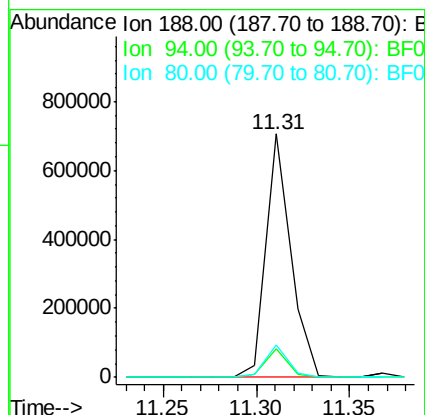
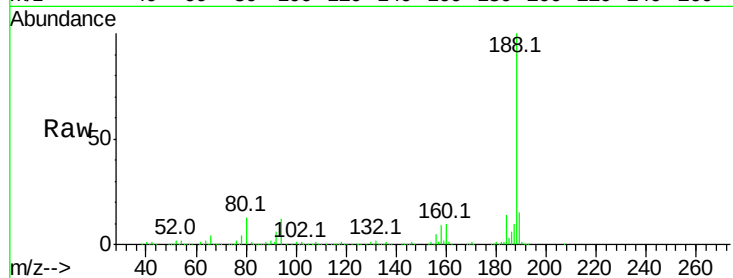




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091613.D
Acq: 15 Dec 2016 6:41

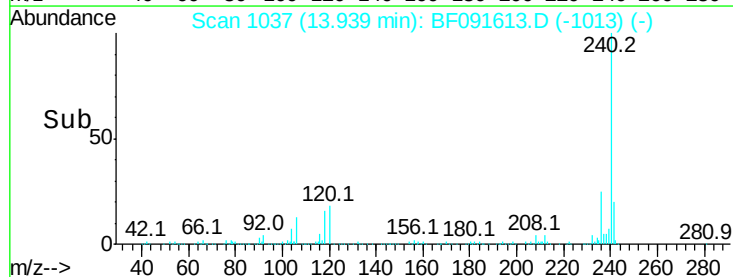
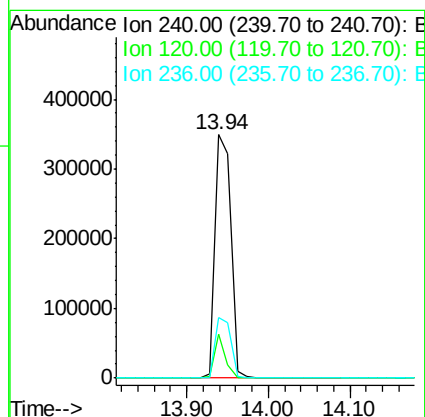
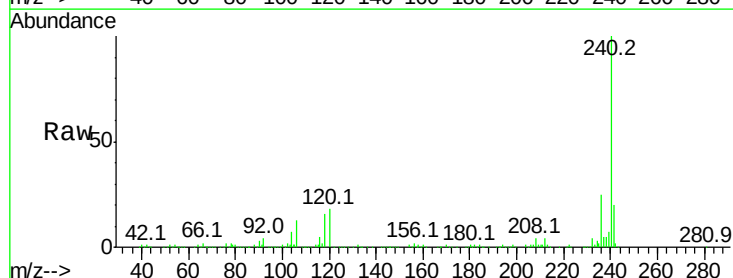
Instrument :
BNA_F
ClientSampleId :
PB95264BL

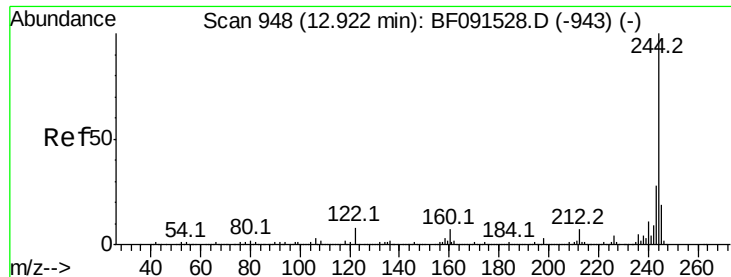
Tot Ion:188 Resp: 648946
Ion Ratio Lower Upper
188 100
94 11.8 9.2 13.8
80 13.2 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091613.D
Acq: 15 Dec 2016 6:41

Tgt Ion:240 Resp: 477204
Ion Ratio Lower Upper
240 100
120 18.1 12.1 18.1#
236 24.9 21.0 31.6





#78

Terphenyl-d14

Concen: 96.69 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091613.D

Acq: 15 Dec 2016 6:41

Instrument :

BNA_F

ClientSampleId :

PB95264BL

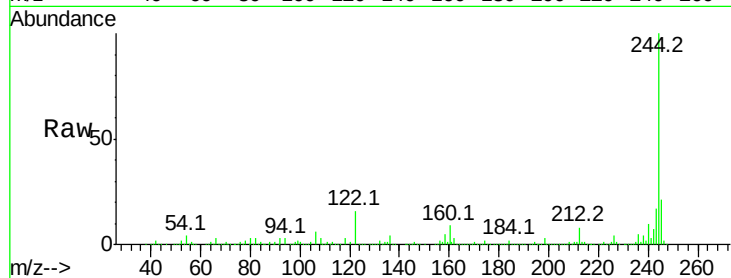
Tot Ion:244 Resp: 2033466

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

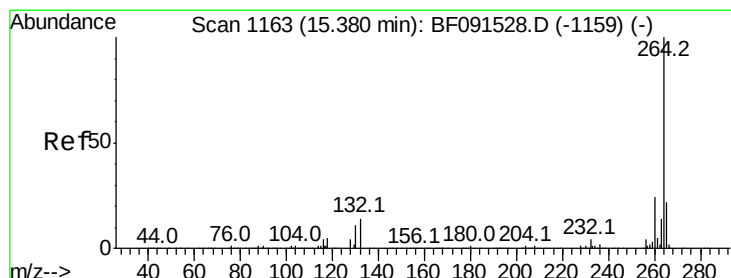
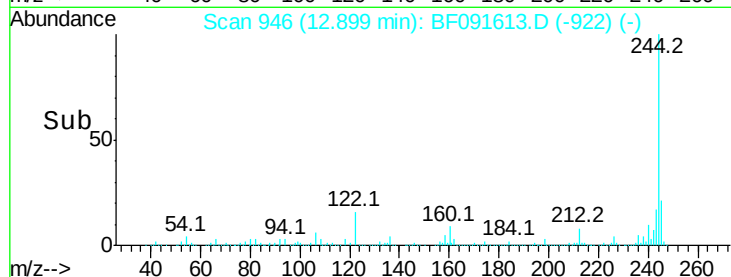
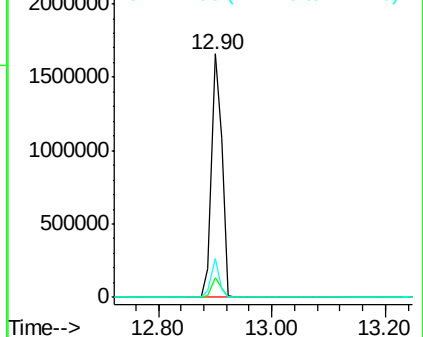
122 16.1 9.5 14.3#



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: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF091613.D

Acq: 15 Dec 2016 6:41

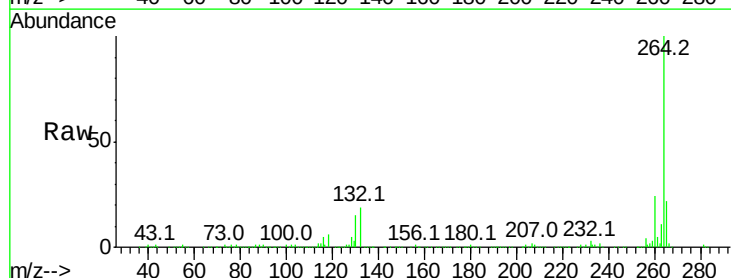
Tgt Ion:264 Resp: 387651

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.9 17.0 25.6



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

