

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091629.D
 Acq On : 15 Dec 2016 15:38
 Operator : UM/SJ
 Sample : PB95351BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BL

Quant Time: Dec 16 00:24:47 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	6.78	152	315561	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	1204209	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	684377	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	1083191	20.00	ng	-0.03
75) Chrysene-d12	13.94	240	977268	20.00	ng	-0.02
86) Perylene-d12	15.35	264	767153	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1931471	103.12	ng	-0.02
7) Phenol-d6	6.43	99	2622394	112.30	ng	-0.02
23) Nitrobenzene-d5	7.34	82	1513071	70.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.61	330	579963	102.03	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	2546454	64.29	ng	-0.03
78) Terphenyl-d14	12.90	244	2639952	61.30	ng	-0.02

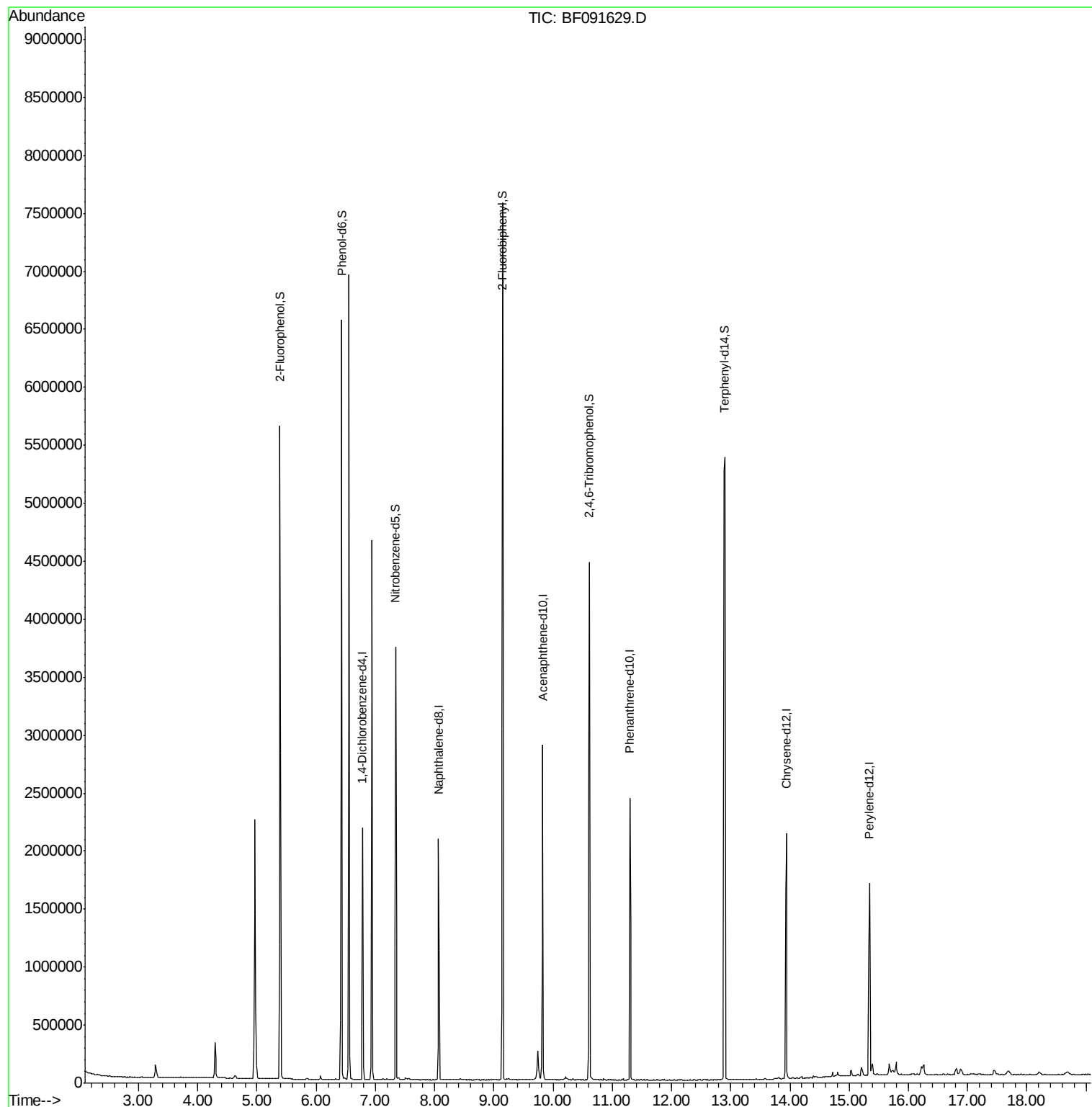
Target Compounds Qvalue

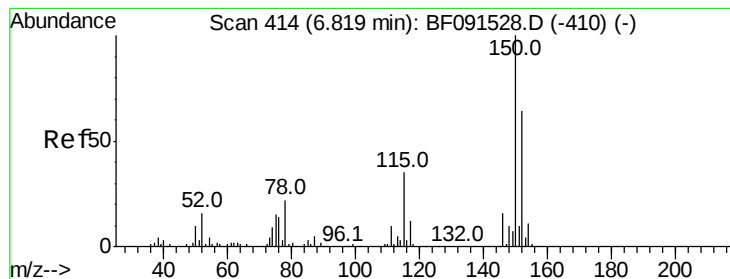
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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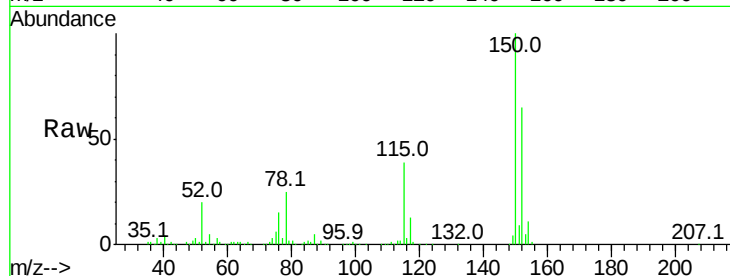


#1

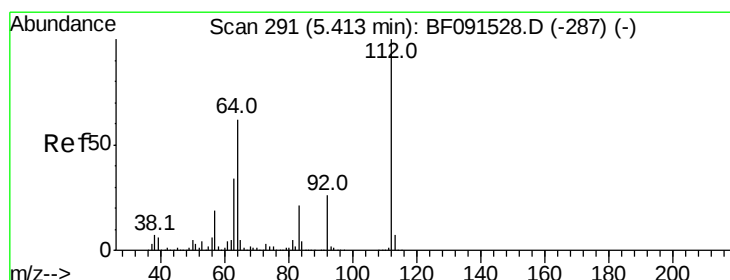
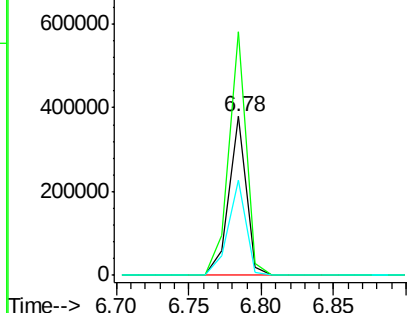
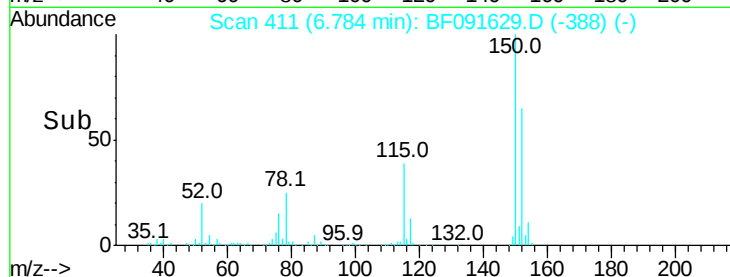
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091629.D
Acq: 15 Dec 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB95351BL

Tot Ion:152 Resp: 315561
Ion Ratio Lower Upper
152 100
150 153.1 122.5 183.7
115 59.9 51.8 77.8



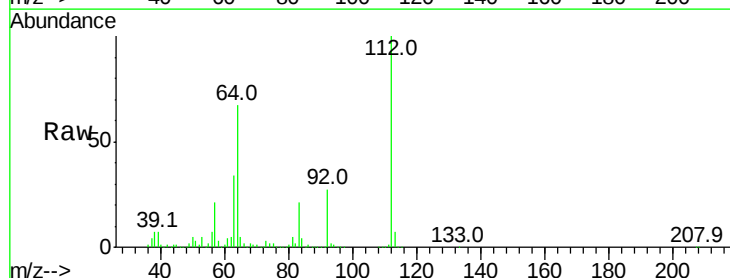
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



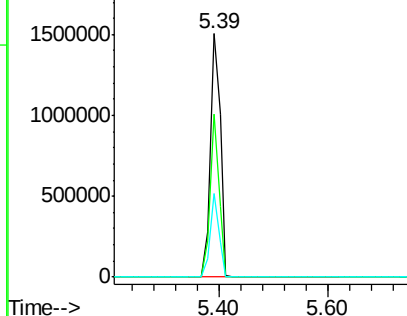
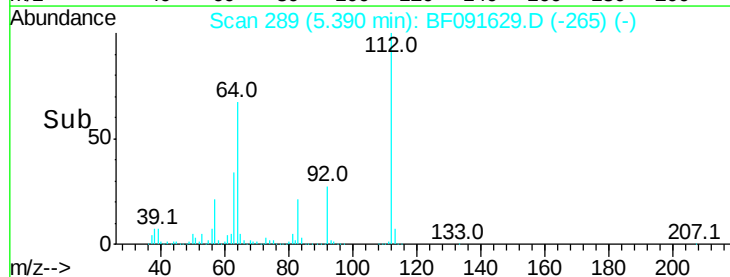
#5

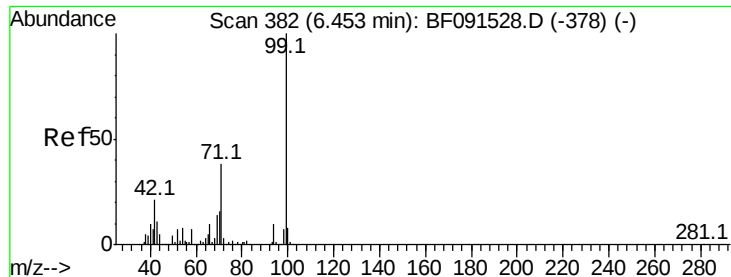
2-Fluorophenol
Concen: 103.12 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091629.D
Acq: 15 Dec 2016 15:38

Tgt Ion:112 Resp: 1931471
Ion Ratio Lower Upper
112 100
64 67.0 61.5 92.3
63 34.2 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: 112.30 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091629.D

Acq: 15 Dec 2016 15:38

Instrument :

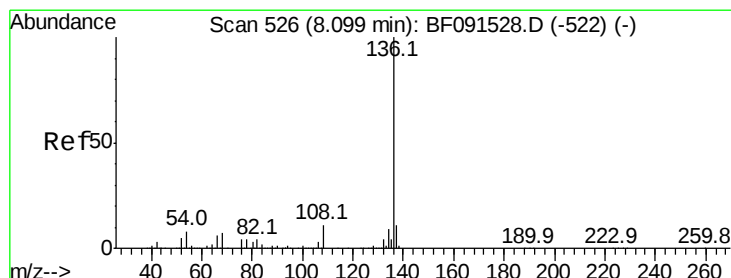
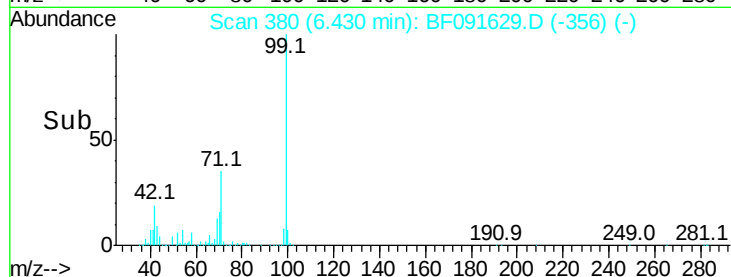
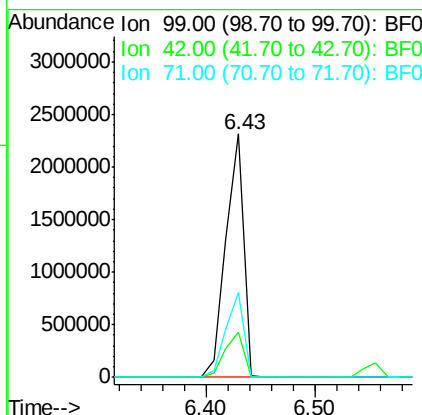
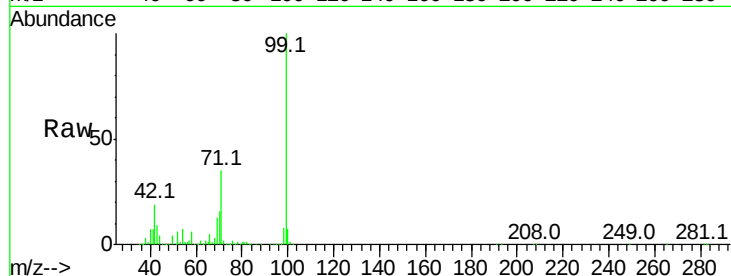
BNA_F

ClientSampleId :

PB95351BL

Tot Ion: 99 Resp: 2622394

Ion	Ratio	Lower	Upper
99	100		
42	18.5	20.6	31.0#
71	34.9	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

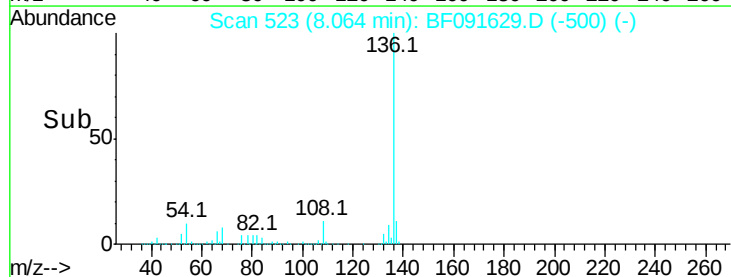
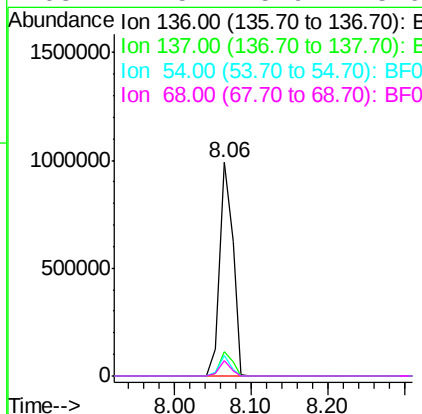
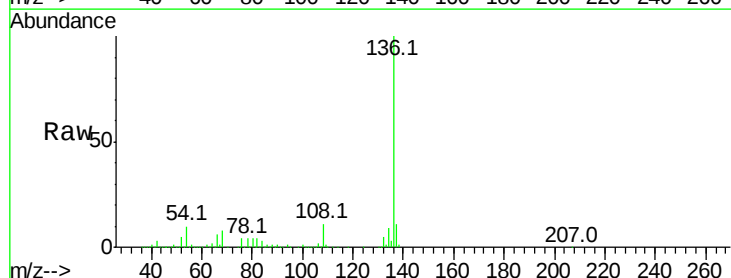
Delta R.T. -0.03 min

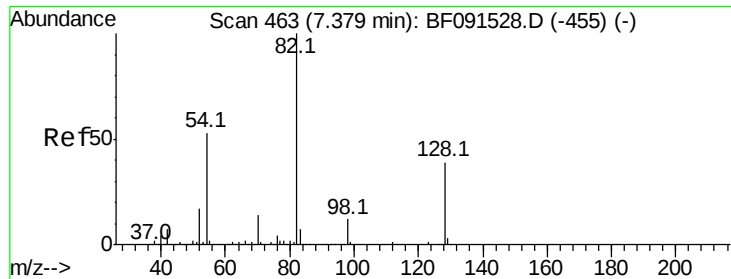
Lab File: BF091629.D

Acq: 15 Dec 2016 15:38

Tgt Ion: 136 Resp: 1204209

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.8	9.1	13.7
68	7.5	5.9	8.9

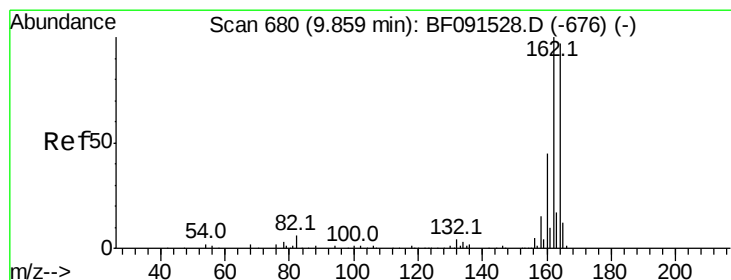
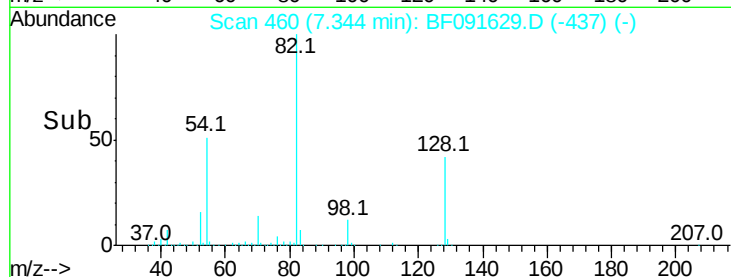
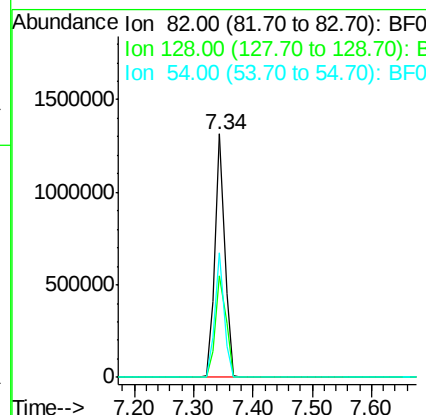
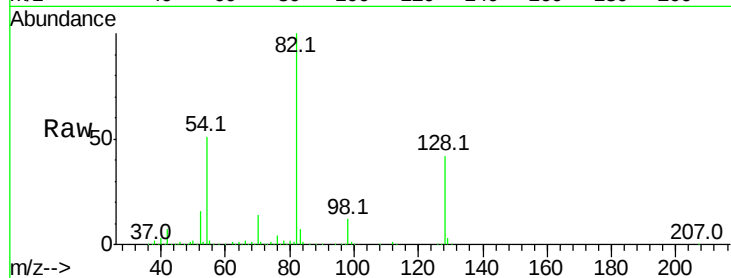




#23
Nitrobenzene-d5
Concen: 70.13 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF091629.D
Acq: 15 Dec 2016 15:38

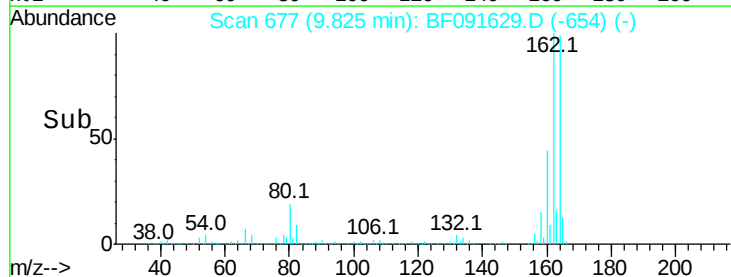
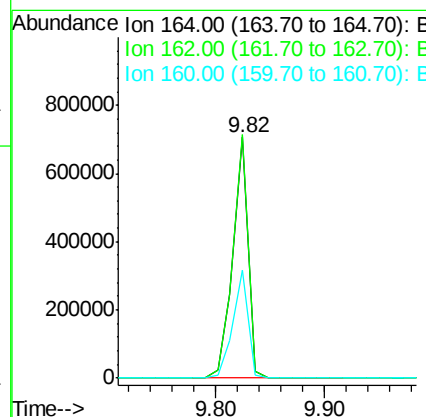
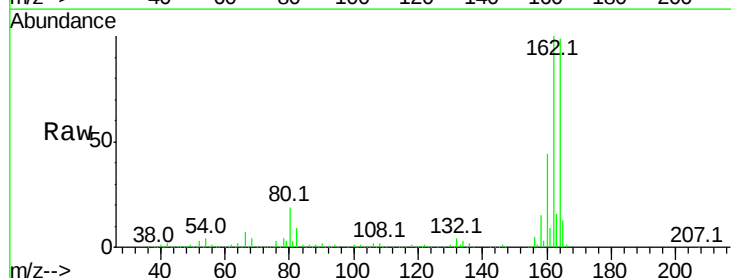
Instrument :
BNA_F
ClientSampleId :
PB95351BL

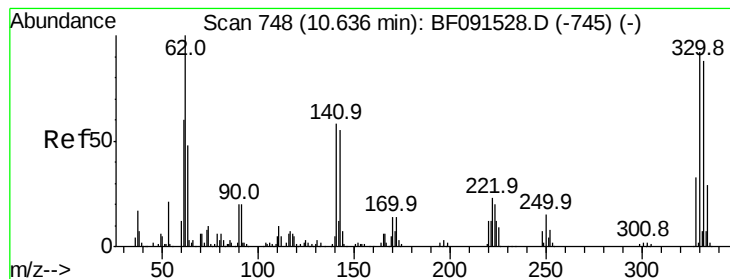
Tot Ion: 82 Resp: 1513071
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 51.0 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091629.D
Acq: 15 Dec 2016 15:38

Tgt Ion:164 Resp: 684377
Ion Ratio Lower Upper
164 100
162 101.2 82.6 124.0
160 44.7 36.7 55.1

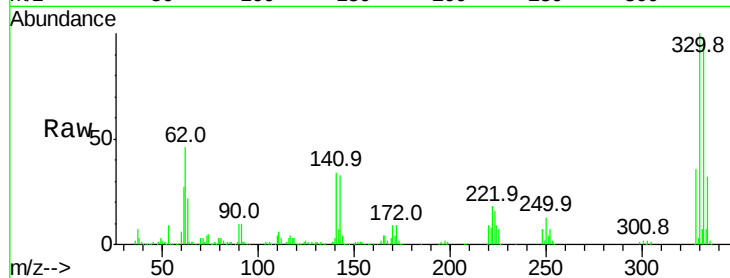




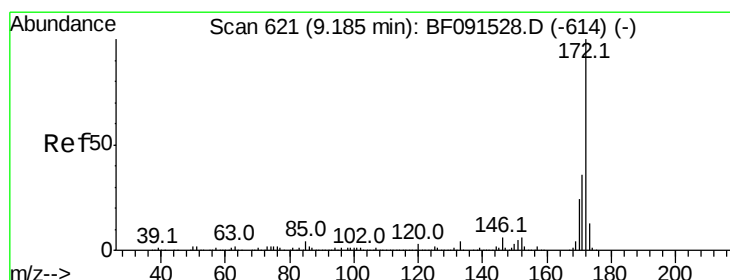
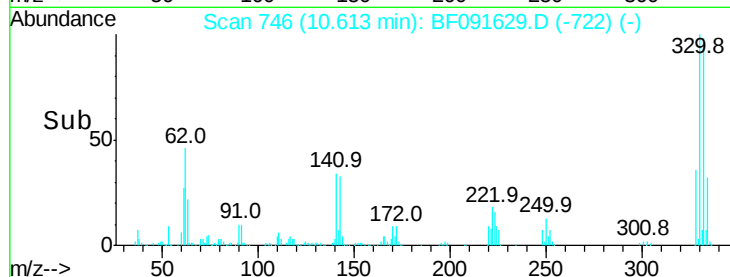
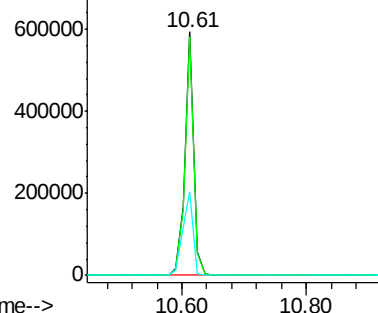
#41
 2,4,6-Tribromophenol
 Concen: 102.03 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF091629.D
 Acq: 15 Dec 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95351BL

Tot Ion:330 Resp: 579963
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 40.6 33.6 50.4

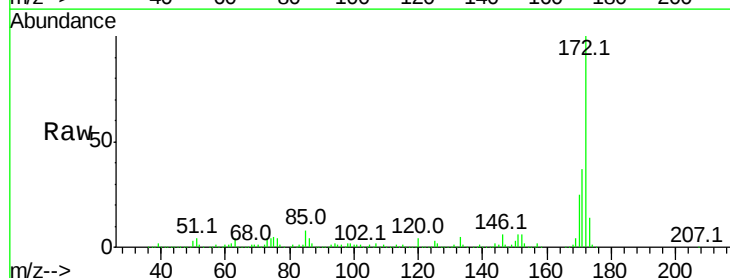


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

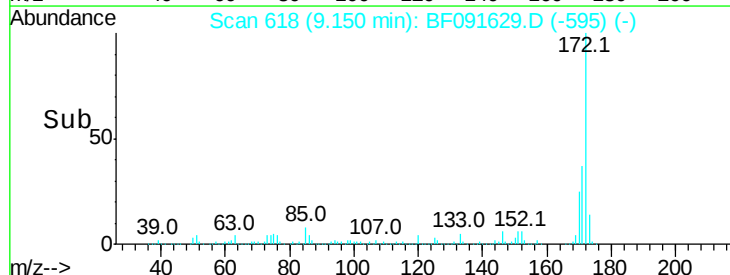
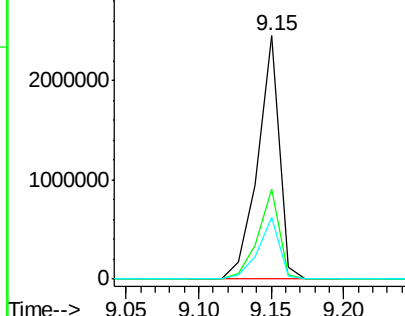


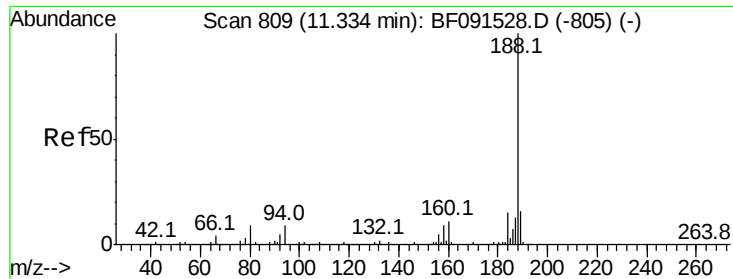
#44
 2-Fluorobiphenyl
 Concen: 64.29 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF091629.D
 Acq: 15 Dec 2016 15:38

Tgt Ion:172 Resp: 2546454
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

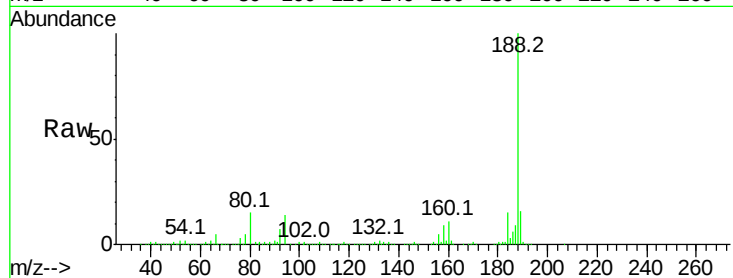




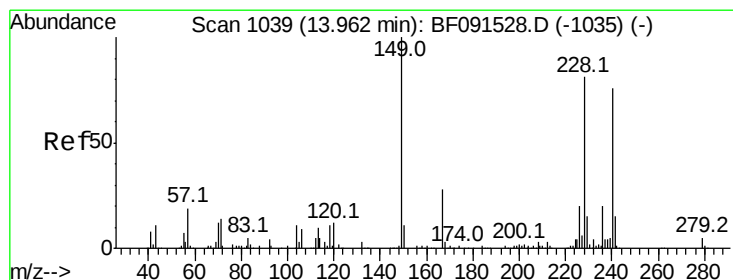
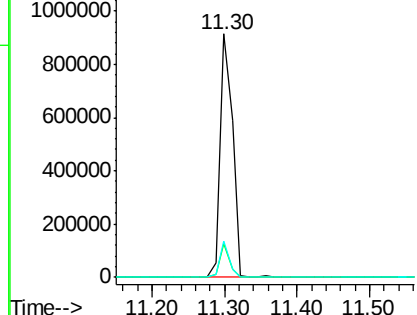
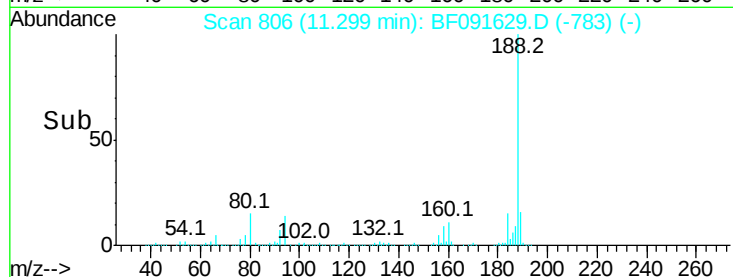
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF091629.D
Acq: 15 Dec 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB95351BL

Tot Ion:188 Resp: 1083191
Ion Ratio Lower Upper
188 100
94 13.7 9.2 13.8
80 14.8 10.5 15.7

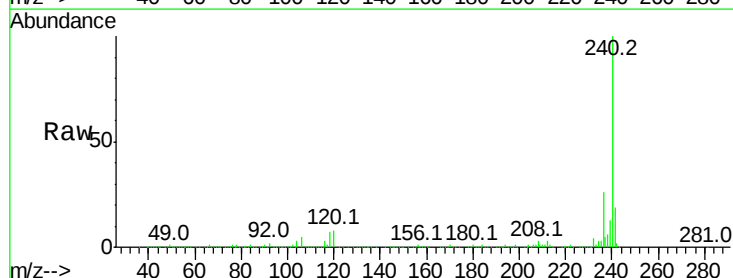


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

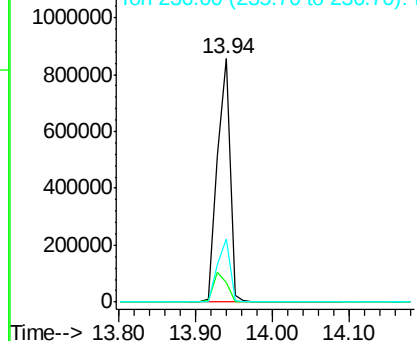
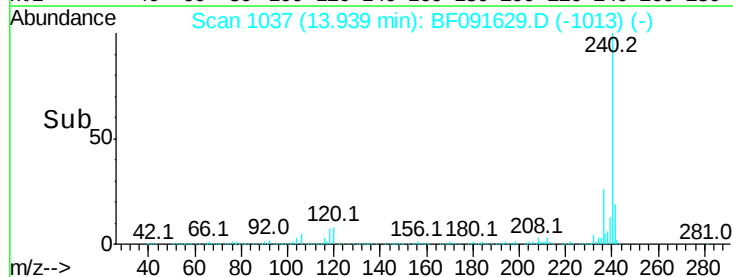


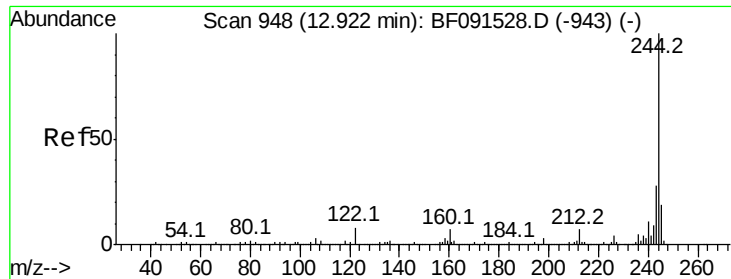
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091629.D
Acq: 15 Dec 2016 15:38

Tgt Ion:240 Resp: 977268
Ion Ratio Lower Upper
240 100
120 8.2 12.1 18.1#
236 25.9 21.0 31.6



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: 61.30 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091629.D

Acq: 15 Dec 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB95351BL

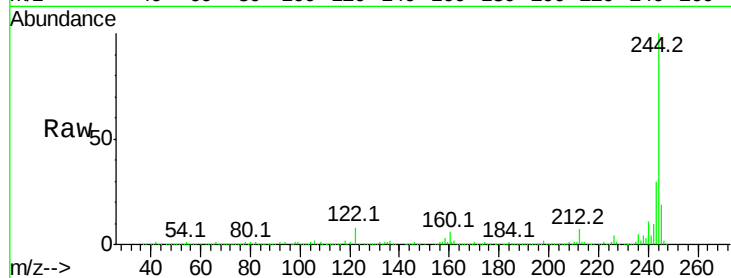
Tot Ion:244 Resp: 2639952

Ion Ratio Lower Upper

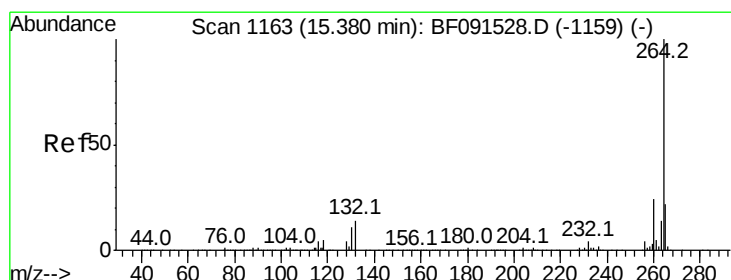
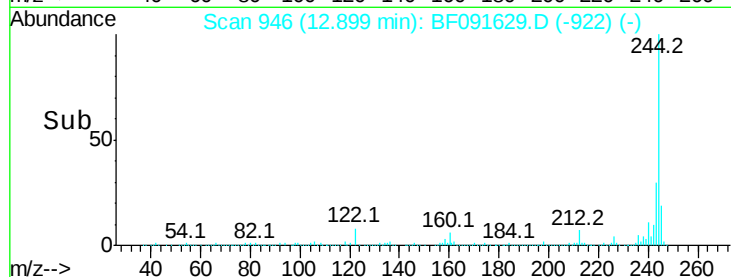
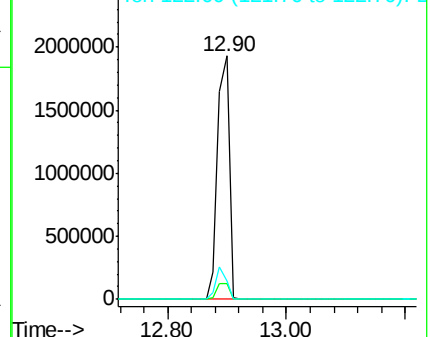
244 100

212 6.7 6.5 9.7

122 7.6 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: 15.35 min Scan# 1160

Delta R.T. -0.03 min

Lab File: BF091629.D

Acq: 15 Dec 2016 15:38

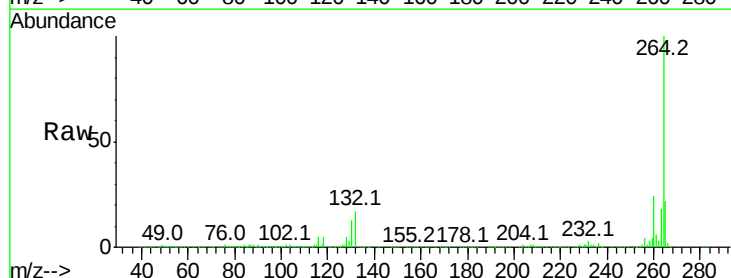
Tgt Ion:264 Resp: 767153

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.6 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

