

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091625.D
 Acq On : 15 Dec 2016 12:11
 Operator : UM/SJ
 Sample : H5975-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Dec 15 13:35:41 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	337139	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1283141	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	608110	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	982699	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	705683	20.00	ng	-0.01
86) Perylene-d12	15.36	264	579807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1183956	59.16	ng	-0.02
7) Phenol-d6	6.43	99	1011026	40.53	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1978628	86.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	646230	127.94	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2665067	75.73	ng	-0.02
78) Terphenyl-d14	12.91	244	2428577	78.09	ng	-0.01

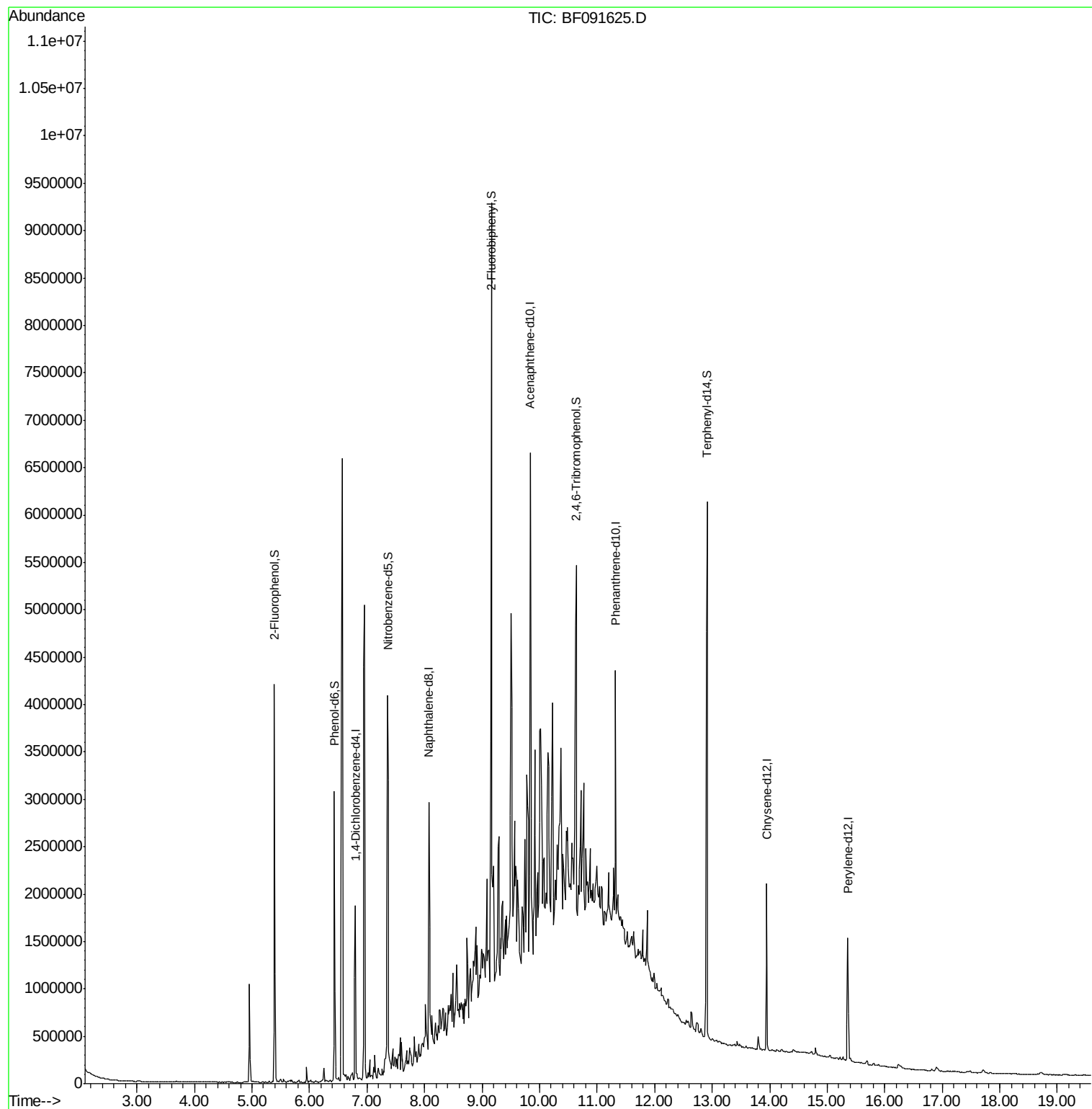
Target Compounds Qvalue

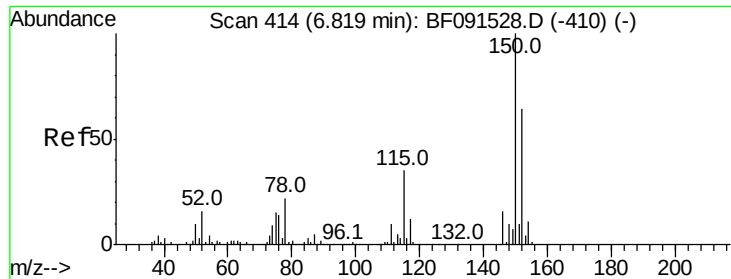
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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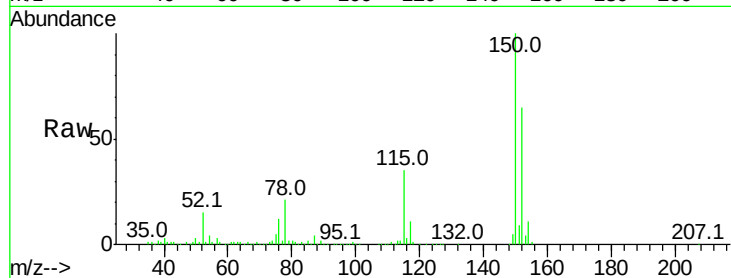


#1

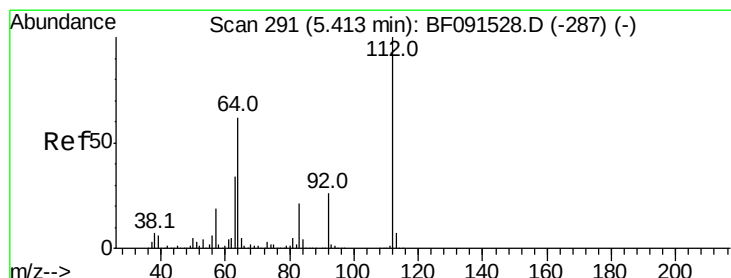
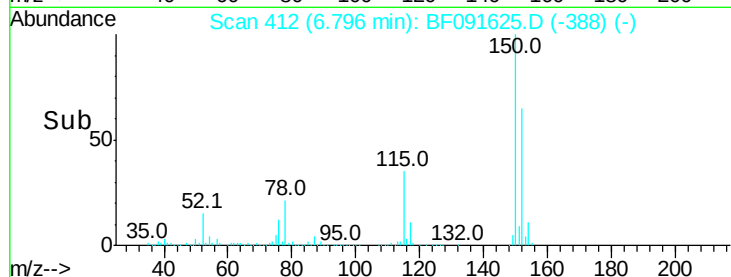
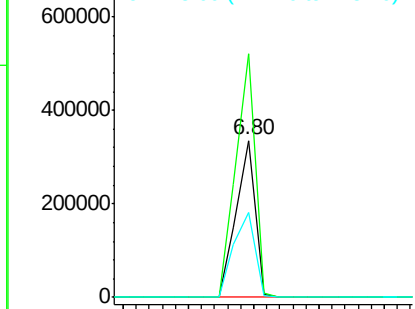
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091625.D
Acq: 15 Dec 2016 12:11

Instrument :
BNA_F
ClientSampleId :
MW-19

Tot Ion:152 Resp: 337139
Ion Ratio Lower Upper
152 100
150 155.0 122.5 183.7
115 54.3 51.8 77.8



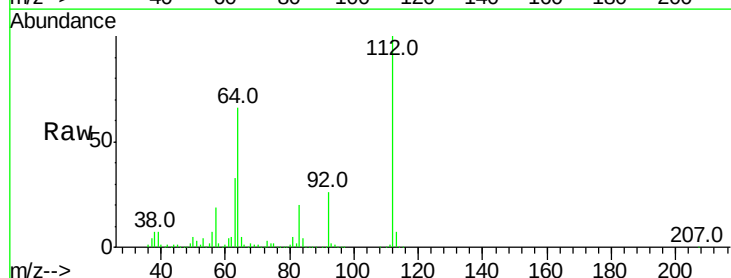
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



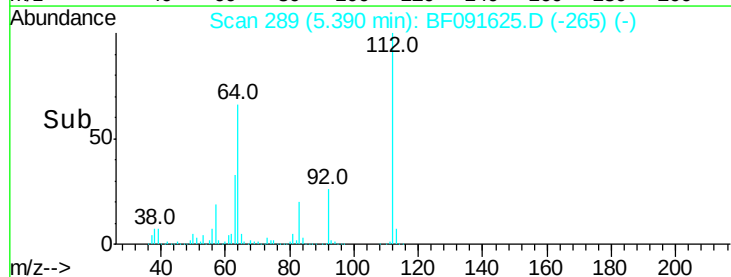
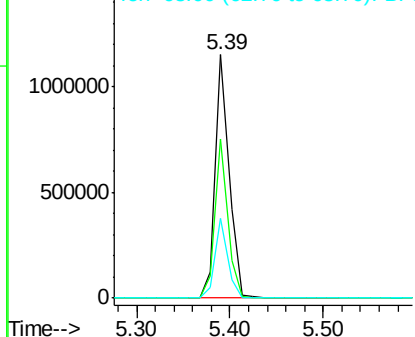
#5

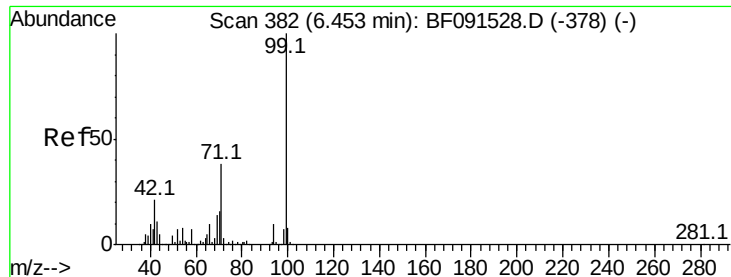
2-Fluorophenol
Concen: 59.16 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091625.D
Acq: 15 Dec 2016 12:11

Tgt Ion:112 Resp: 1183956
Ion Ratio Lower Upper
112 100
64 65.6 61.5 92.3
63 32.9 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: 40.53 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091625.D

Acq: 15 Dec 2016 12:11

Instrument :

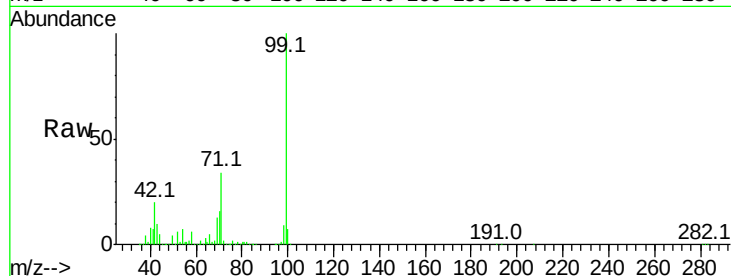
BNA_F

ClientSampleId :

MW-19

Tot Ion: 99 Resp: 1011026

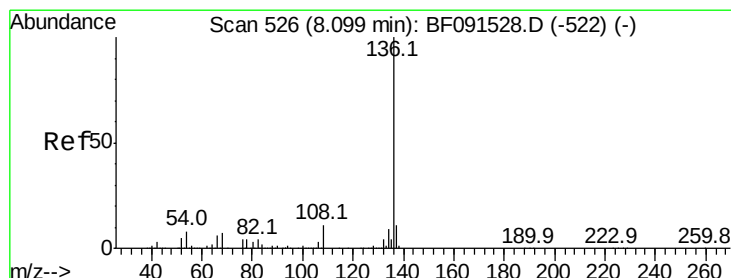
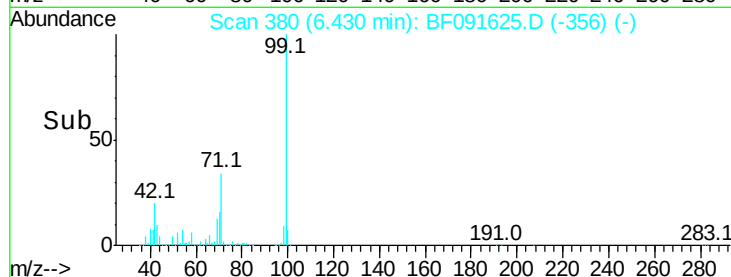
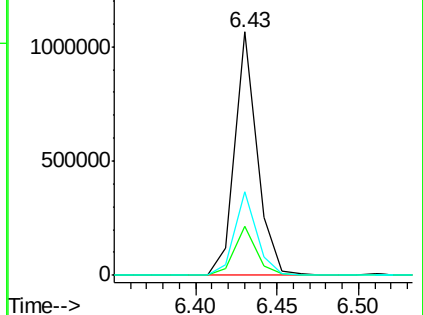
Ion	Ratio	Lower	Upper
99	100		
42	20.0	20.6	31.0#
71	34.2	29.9	44.9



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: 8.08 min Scan# 524

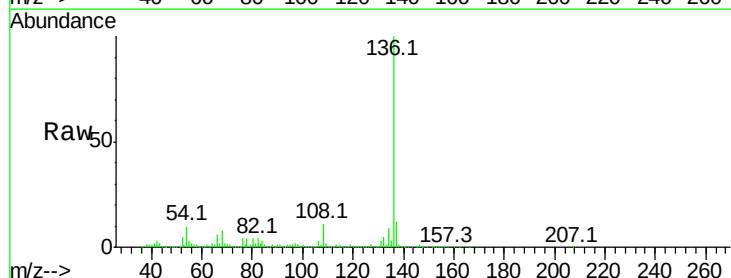
Delta R.T. -0.02 min

Lab File: BF091625.D

Acq: 15 Dec 2016 12:11

Tgt Ion: 136 Resp: 1283141

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.1	9.1	13.7
68	8.1	5.9	8.9

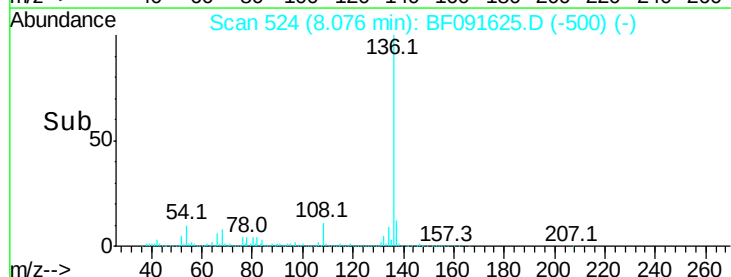
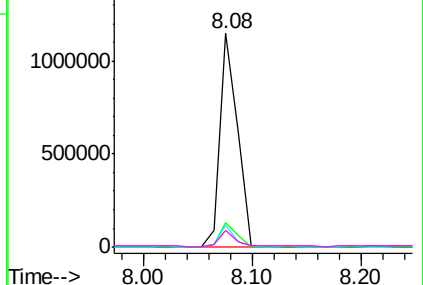


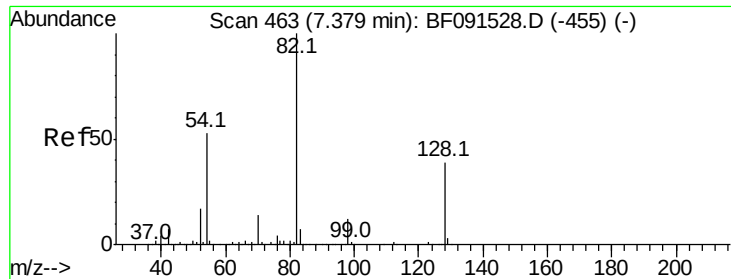
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.06 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF091625.D

Acq: 15 Dec 2016 12:11

Instrument :

BNA_F

ClientSampleId :

MW-19

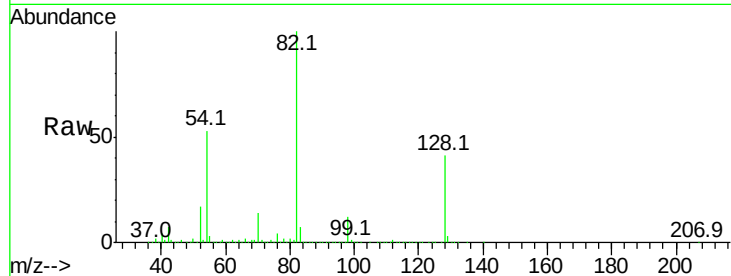
Tot Ion: 82 Resp: 1978628

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

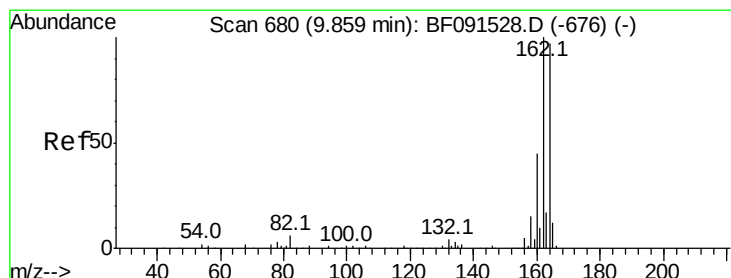
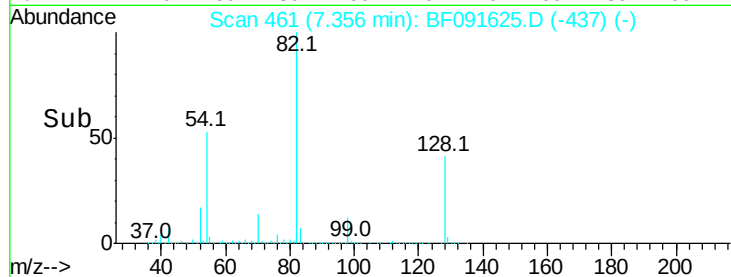
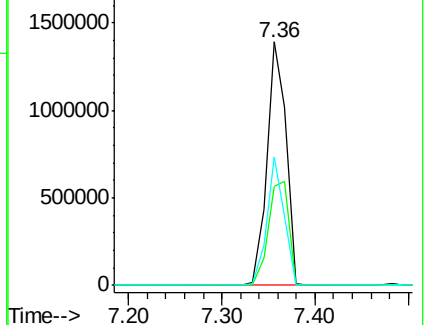
54 52.5 49.1 73.7



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: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF091625.D

Acq: 15 Dec 2016 12:11

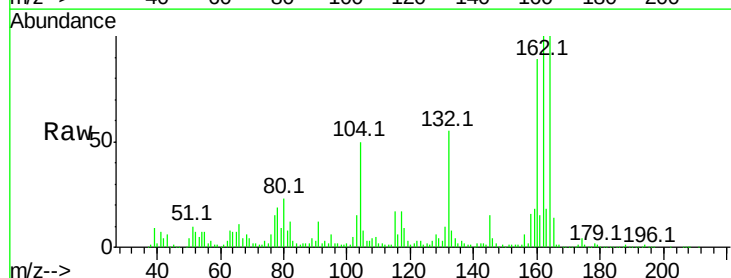
Tgt Ion:164 Resp: 608110

Ion Ratio Lower Upper

164 100

162 100.4 82.6 124.0

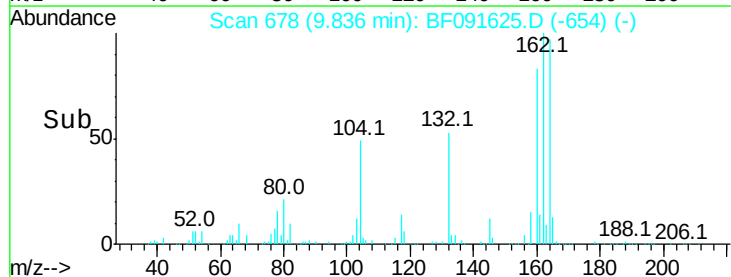
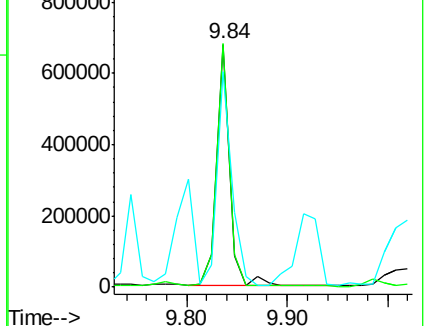
160 89.1 36.7 55.1#

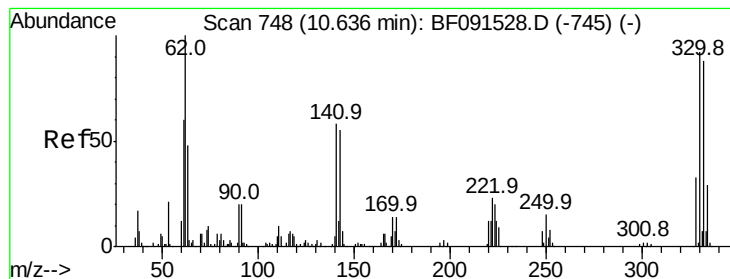


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0





#41

2,4,6-Tribromophenol

Concen: 127.94 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF091625.D

Acq: 15 Dec 2016 12:11

Instrument :

BNA_F

ClientSampleId :

MW-19

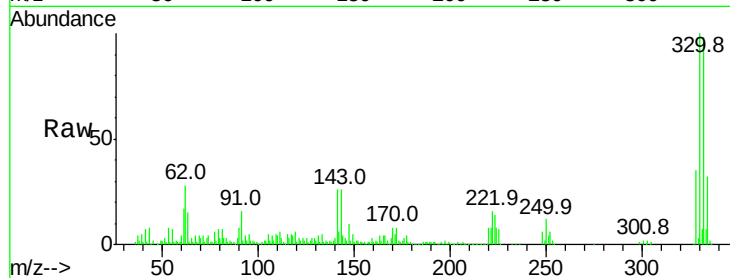
Tot Ion:330 Resp: 646230

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

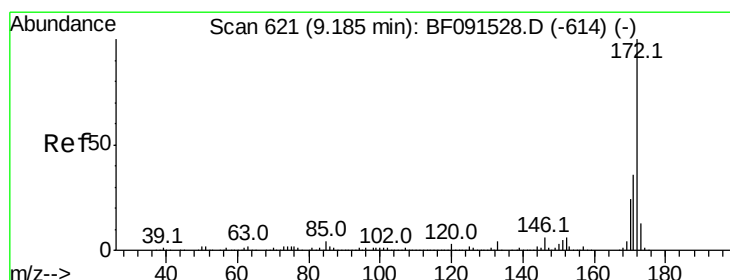
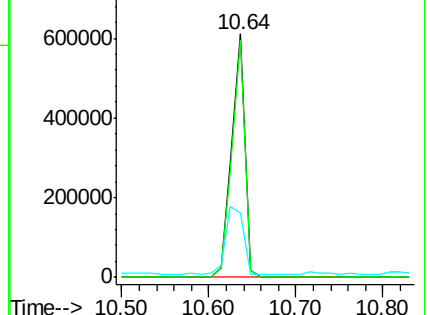
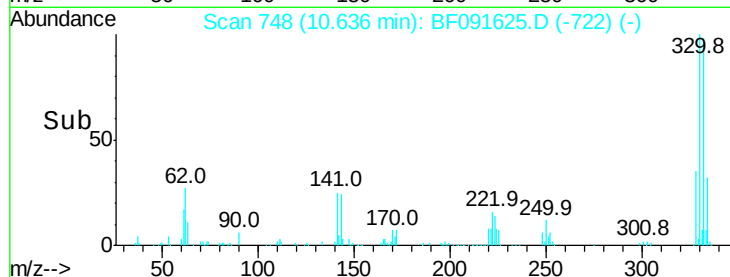
141 37.8 33.6 50.4



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: 75.73 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF091625.D

Acq: 15 Dec 2016 12:11

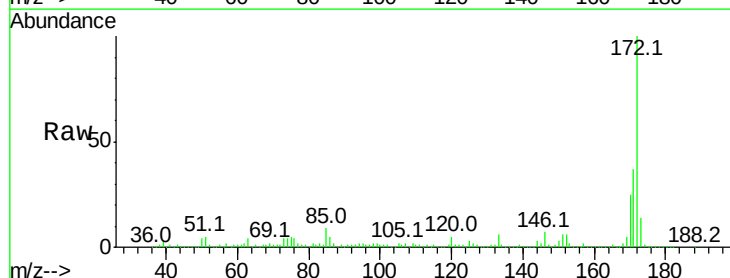
Tgt Ion:172 Resp: 2665067

Ion Ratio Lower Upper

172 100

171 37.5 29.4 44.0

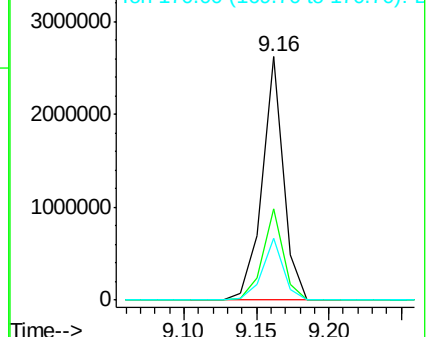
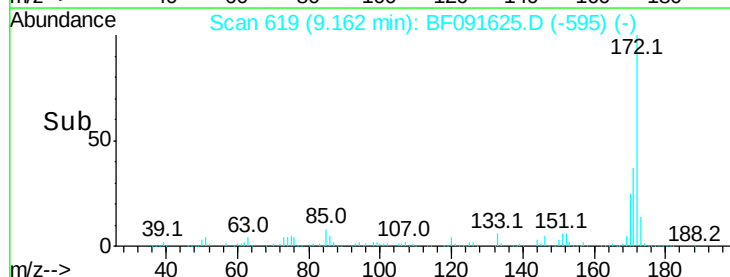
170 25.5 19.7 29.5

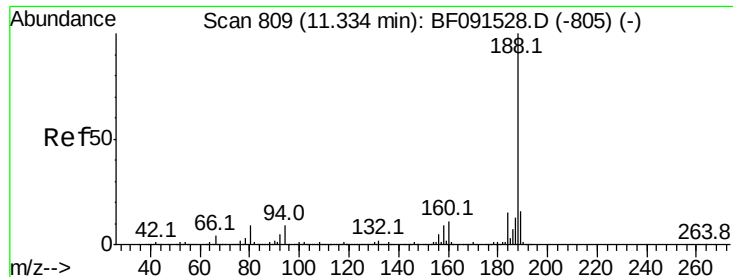


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

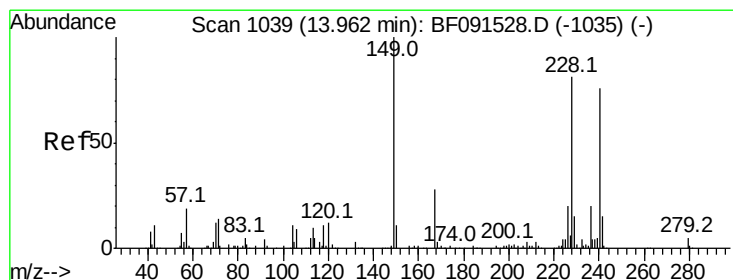
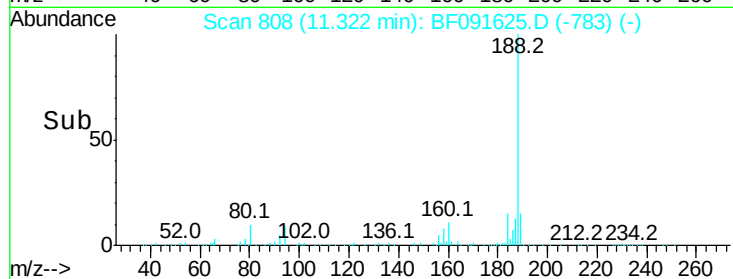
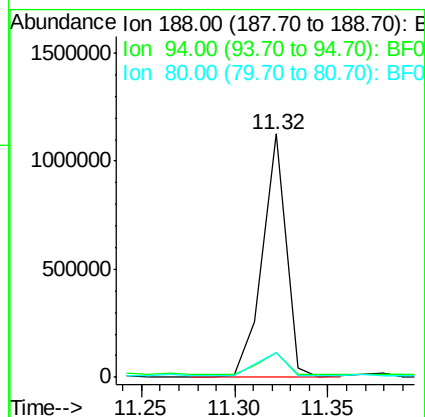
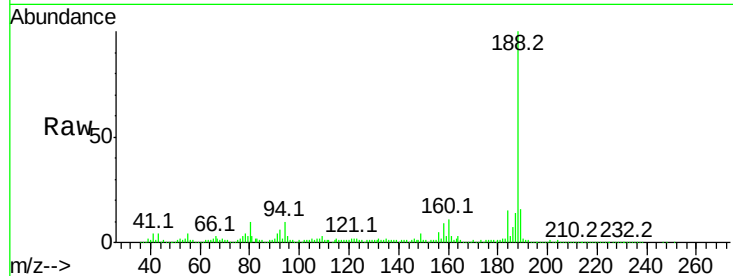




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091625.D
Acq: 15 Dec 2016 12:11

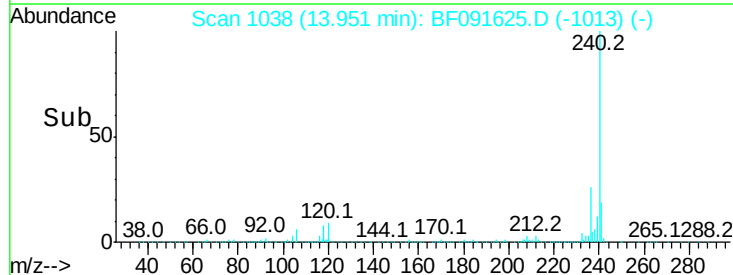
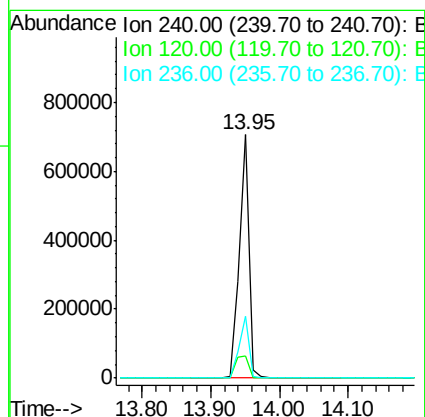
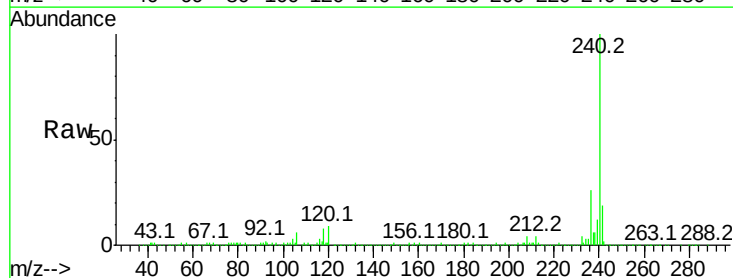
Instrument :
BNA_F
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MW-19

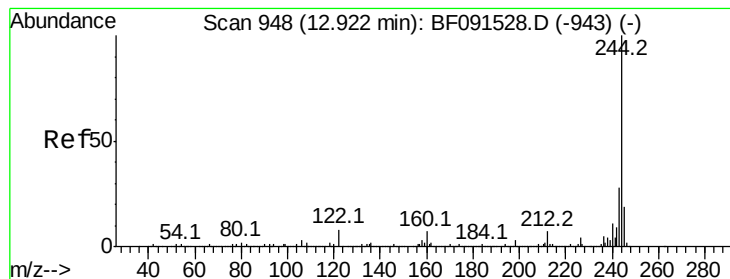
Tot Ion:188 Resp: 982699
Ion Ratio Lower Upper
188 100
94 10.0 9.2 13.8
80 10.4 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091625.D
Acq: 15 Dec 2016 12:11

Tgt Ion:240 Resp: 705683
Ion Ratio Lower Upper
240 100
120 9.2 12.1 18.1#
236 25.6 21.0 31.6





#78

Terphenyl-d14

Concen: 78.09 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF091625.D

Acq: 15 Dec 2016 12:11

Instrument :

BNA_F

ClientSampleId :

MW-19

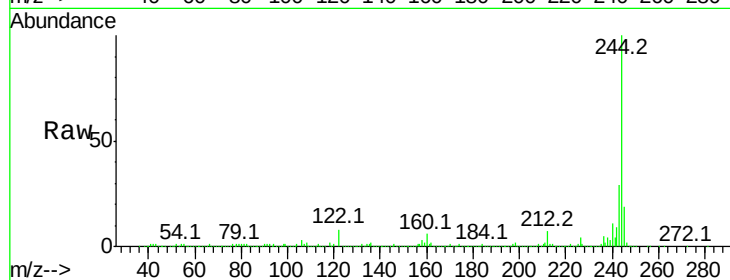
Tot Ion:244 Resp: 2428577

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

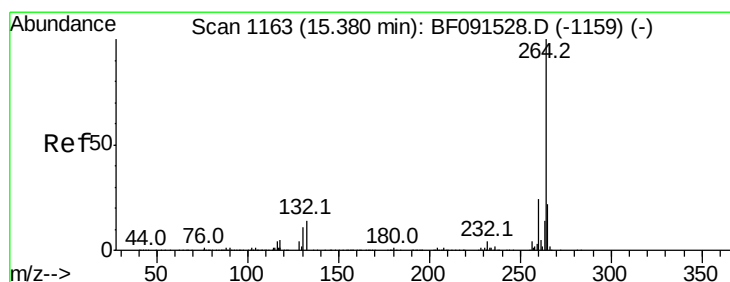
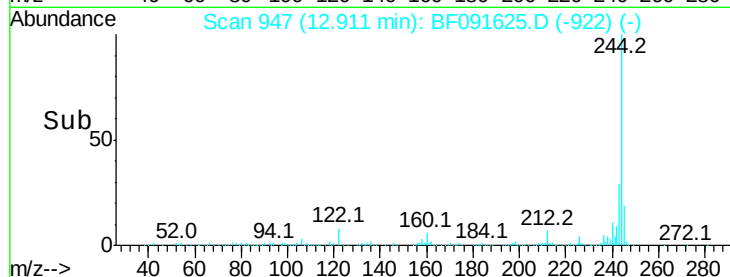
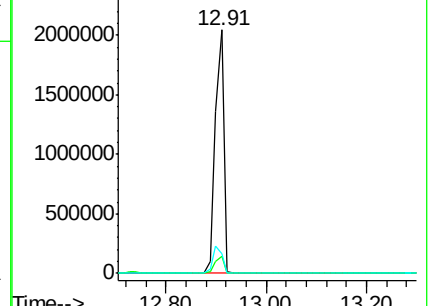
122 8.1 9.5 14.3#



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: BF091625.D

Acq: 15 Dec 2016 12:11

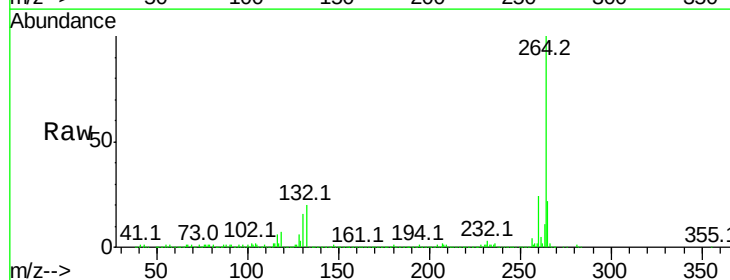
Tgt Ion:264 Resp: 579807

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.8 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

