

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091441.D
 Acq On : 6 Dec 2016 1:58
 Operator : UM/SJ
 Sample : H5802-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Quant Time: Dec 06 04:21:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134375	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	509023	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	312713	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	518341	20.00	ng	0.00
75) Chrysene-d12	14.00	240	355128	20.00	ng	0.00
86) Perylene-d12	15.43	264	271710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	530393	64.48	ng	0.01
7) Phenol-d6	6.48	99	463121	45.74	ng	0.00
23) Nitrobenzene-d5	7.42	82	999143	110.00	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	394104	133.12	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1585772	91.82	ng	0.00
78) Terphenyl-d14	12.96	244	1815964	111.14	ng	0.00

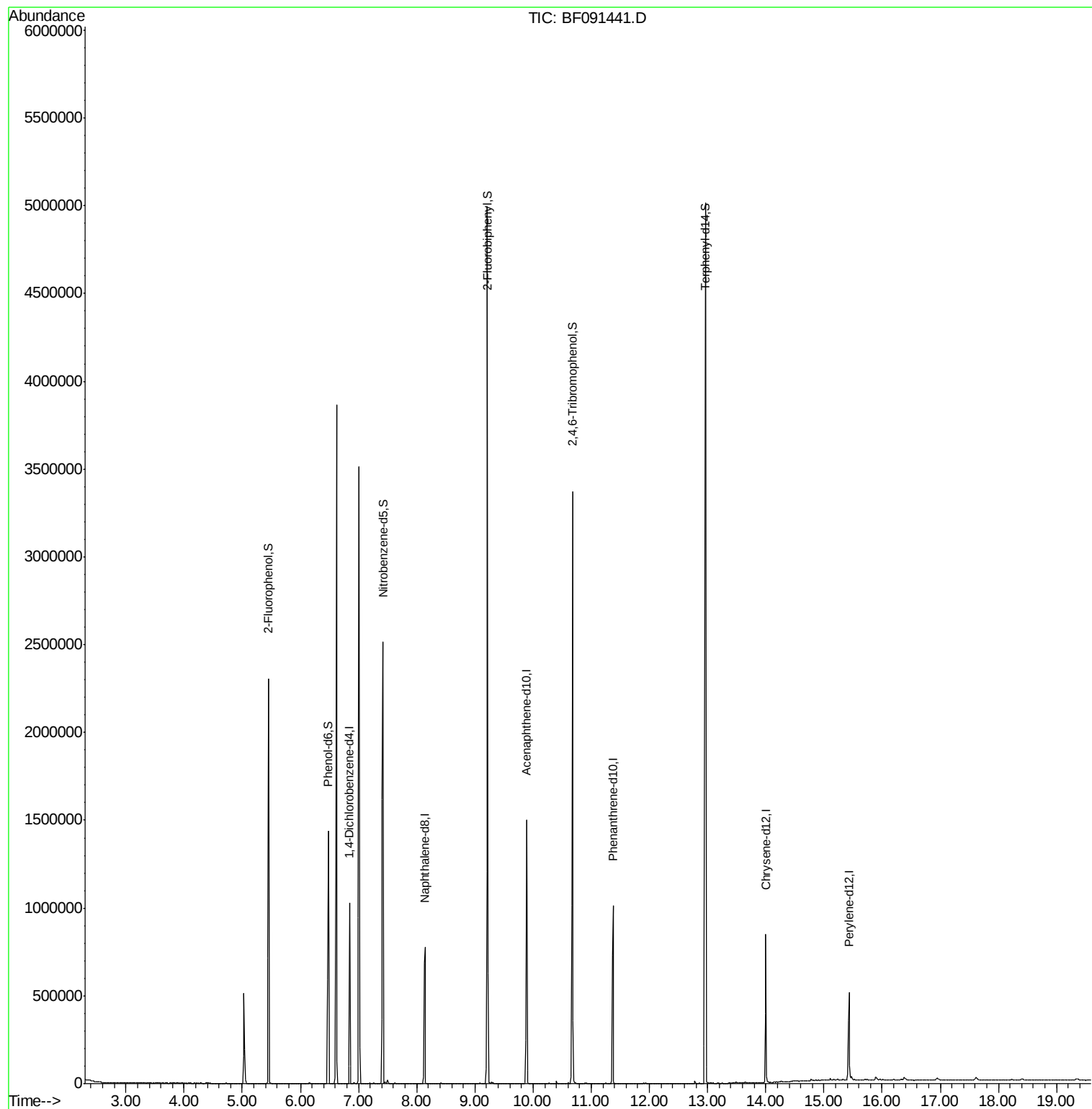
Target Compounds Qvalue

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

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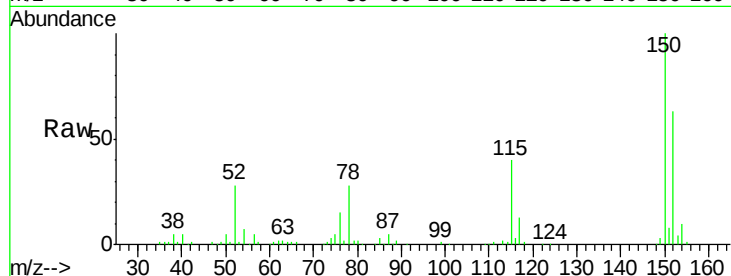




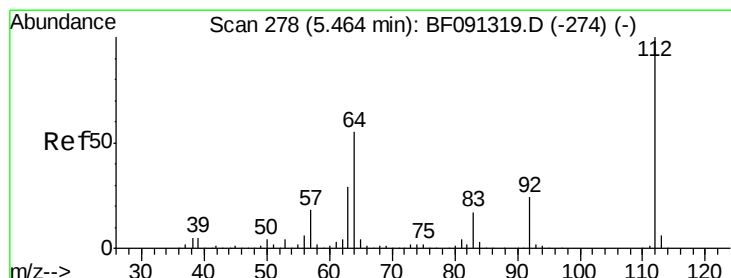
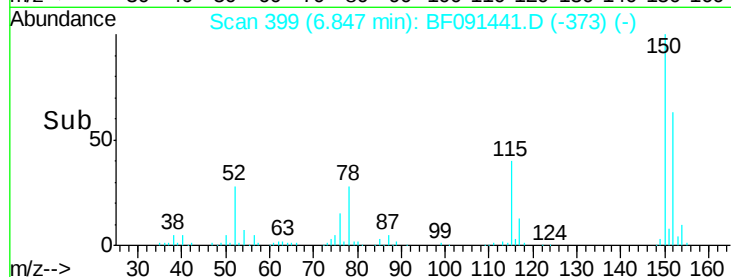
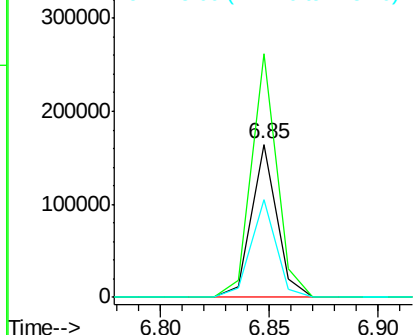
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091441.D
 Acq: 6 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tot Ion:152 Resp: 134375
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.5 183.7
 115 63.6 51.8 77.8

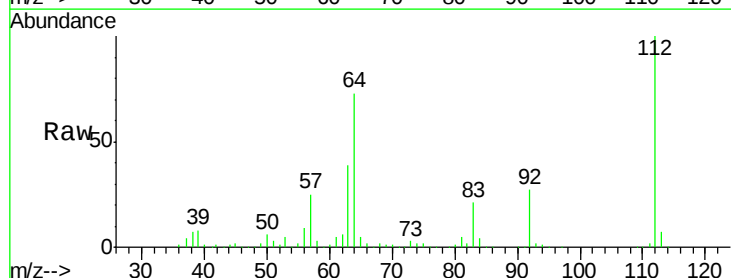


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

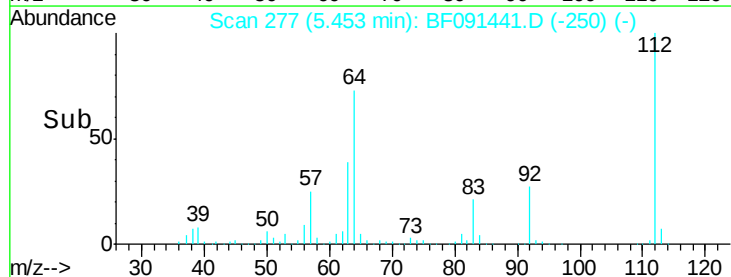
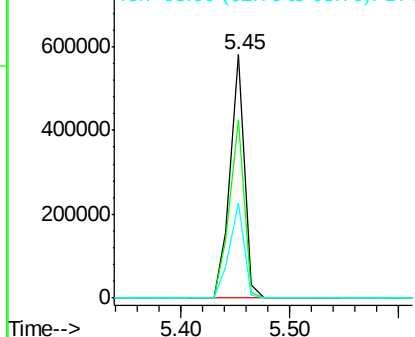


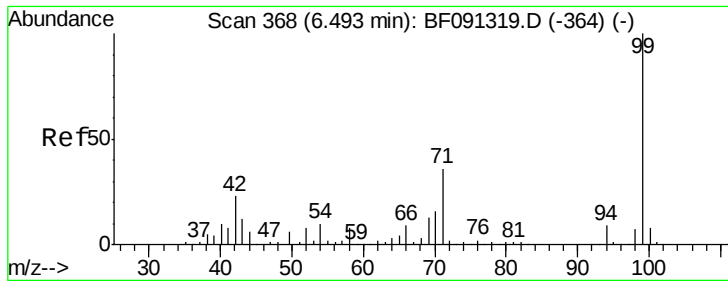
#5
 2-Fluorophenol
 Concen: 64.48 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BF091441.D
 Acq: 6 Dec 2016 1:58

Tgt Ion:112 Resp: 530393
 Ion Ratio Lower Upper
 112 100
 64 73.0 61.5 92.3
 63 39.3 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: 45.74 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091441.D

Acq: 6 Dec 2016 1:58

Instrument :

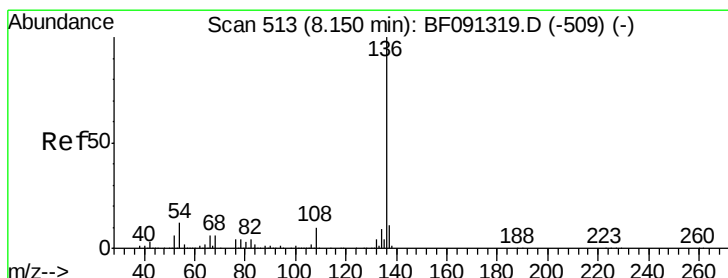
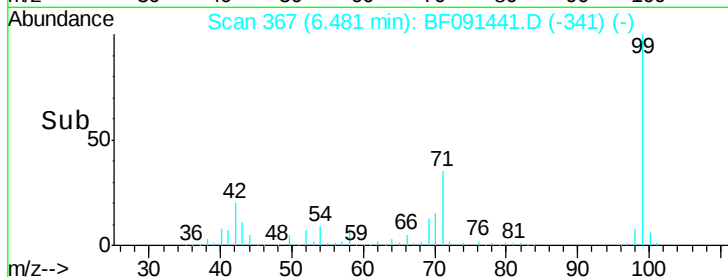
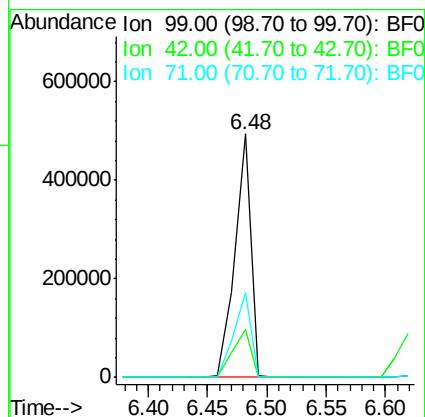
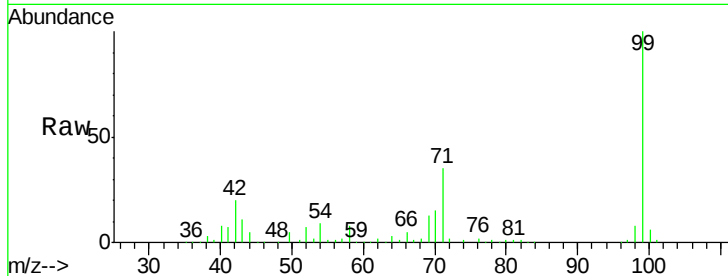
BNA_F

ClientSampleId :

FIELDBLANK

Tot Ion: 99 Resp: 463121

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.6	31.0#
71	35.1	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

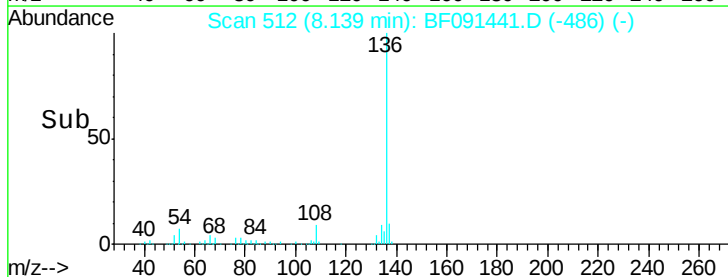
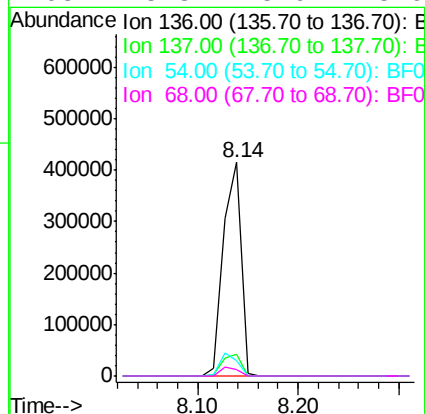
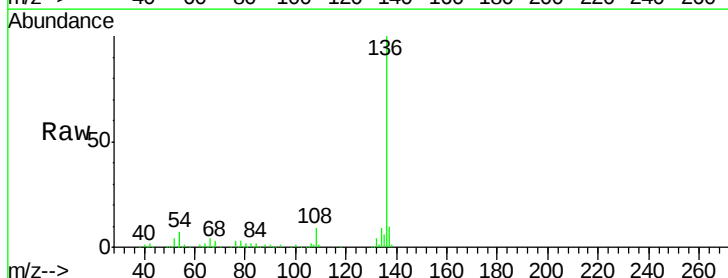
Delta R.T. -0.00 min

Lab File: BF091441.D

Acq: 6 Dec 2016 1:58

Tgt Ion: 136 Resp: 509023

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	7.2	9.1	13.7#
68	3.3	5.9	8.9#





#23

Nitrobenzene-d5

Concen: 110.00 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091441.D

Acq: 6 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

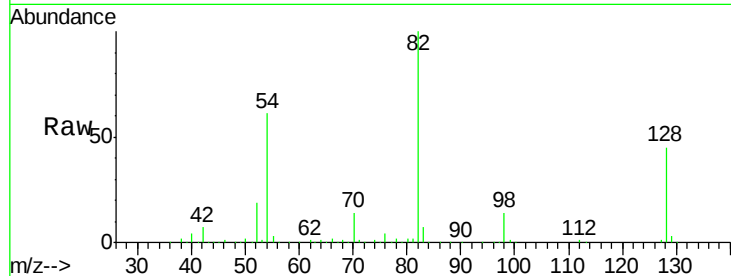
Tot Ion: 82 Resp: 999143

Ion Ratio Lower Upper

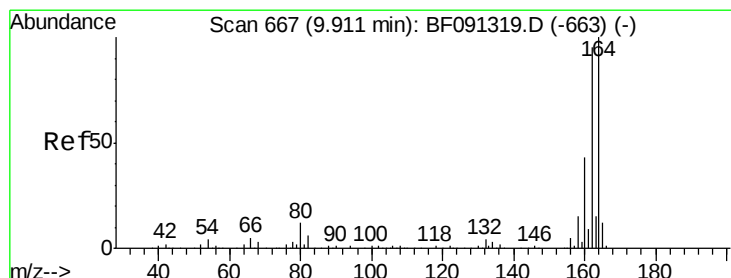
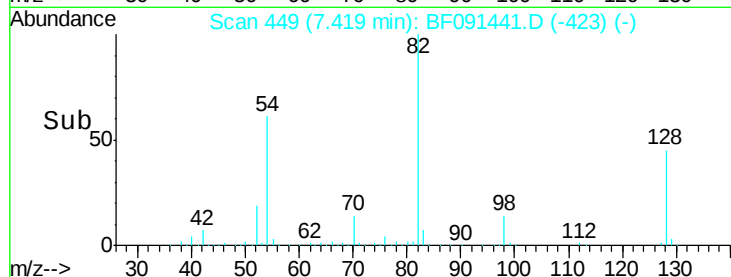
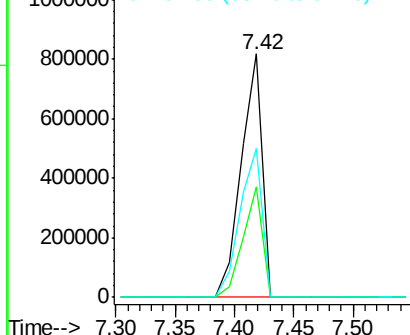
82 100

128 45.5 31.8 47.6

54 61.0 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF091441.D

Acq: 6 Dec 2016 1:58

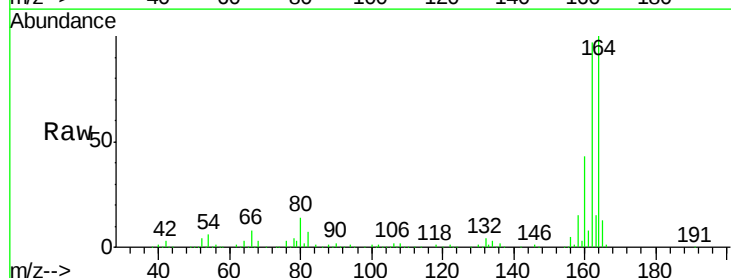
Tgt Ion:164 Resp: 312713

Ion Ratio Lower Upper

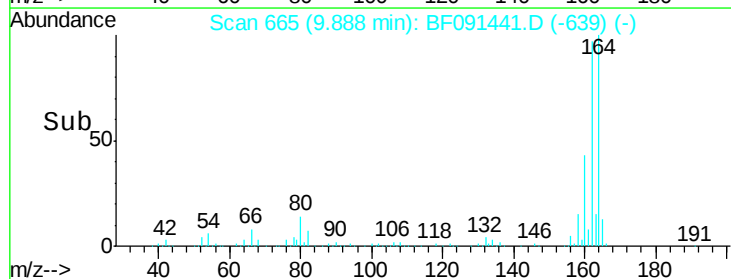
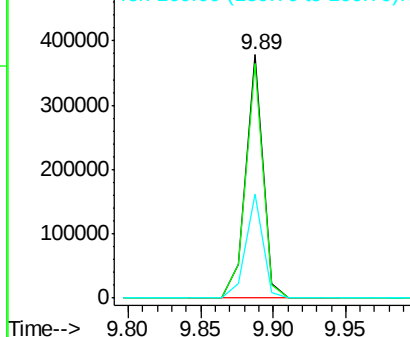
164 100

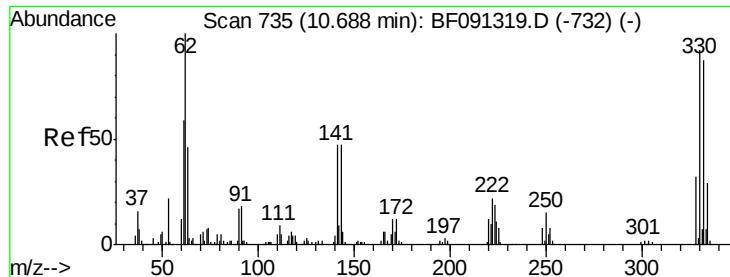
162 96.6 82.6 124.0

160 42.6 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

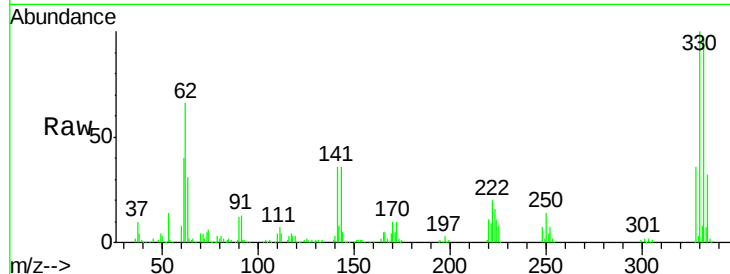




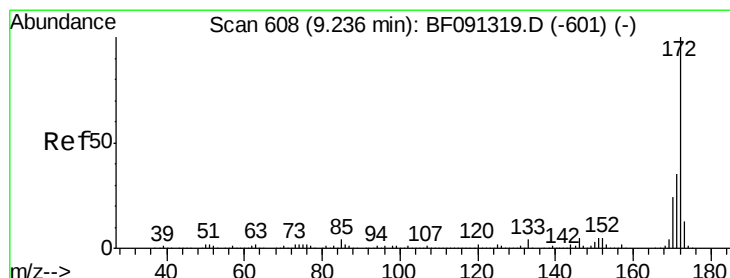
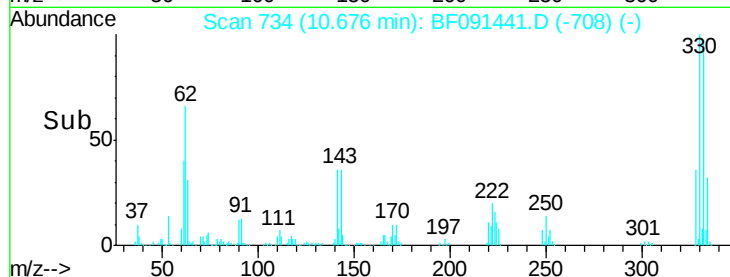
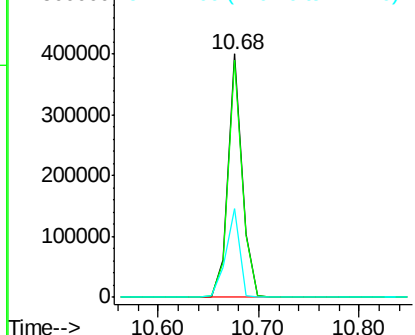
#41
 2,4,6-Tribromophenol
 Concen: 133.12 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091441.D
 Acq: 6 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 394104
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 35.0 33.6 50.4

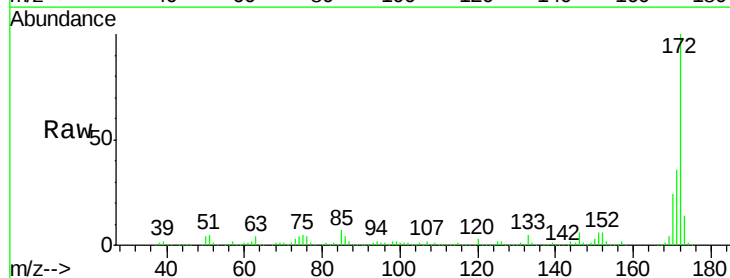


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

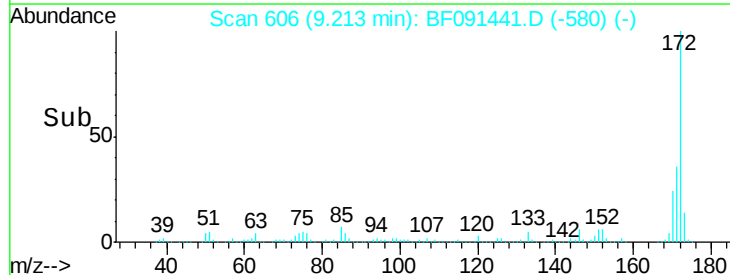
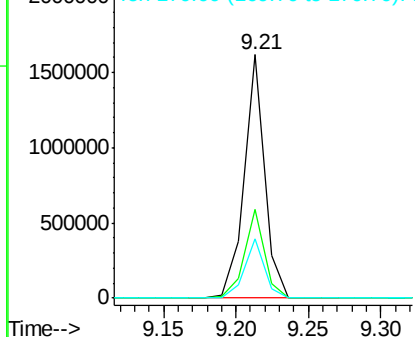


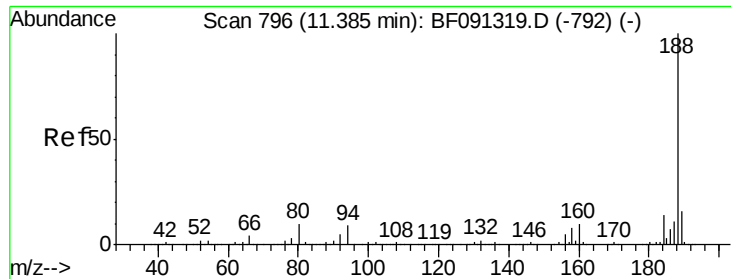
#44
 2-Fluorobiphenyl
 Concen: 91.82 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091441.D
 Acq: 6 Dec 2016 1:58

Tgt Ion:172 Resp: 1585772
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.3 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

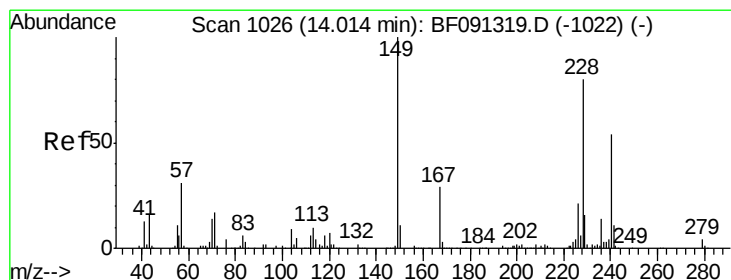
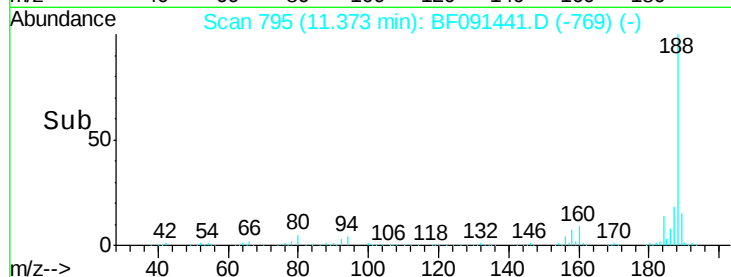
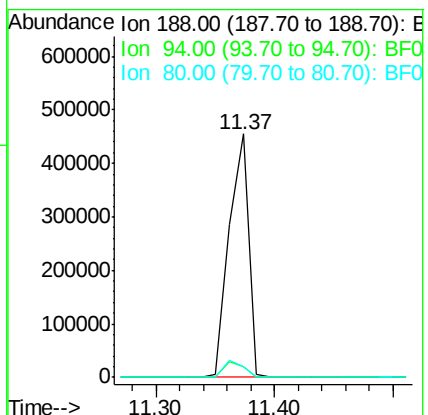
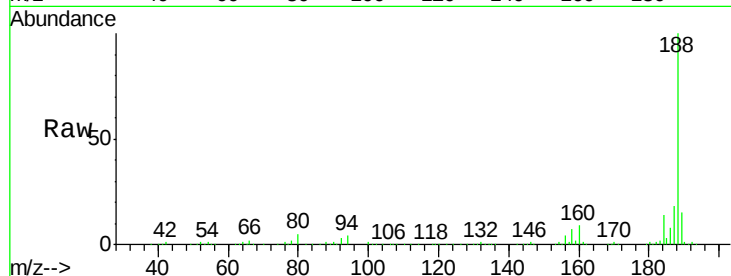




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF091441.D
 Acq: 6 Dec 2016 1:58

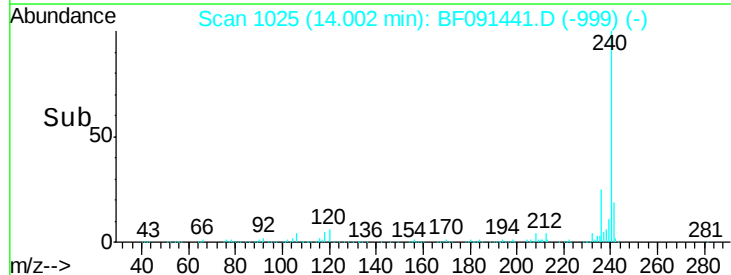
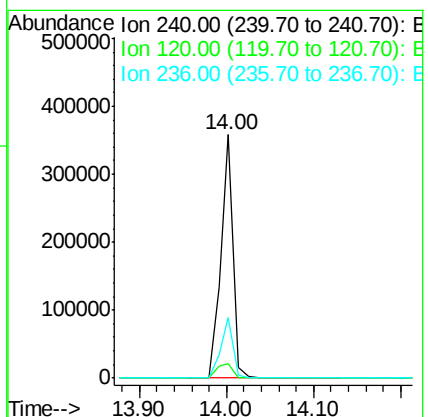
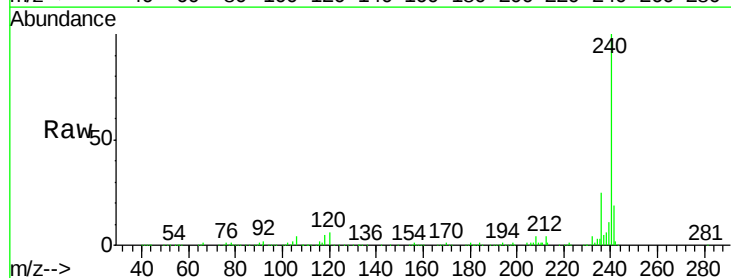
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:188 Resp: 518341
 Ion Ratio Lower Upper
 188 100
 94 4.5 9.2 13.8#
 80 4.6 10.5 15.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF091441.D
 Acq: 6 Dec 2016 1:58

Tgt Ion:240 Resp: 355128
 Ion Ratio Lower Upper
 240 100
 120 6.0 12.1 18.1#
 236 24.9 21.0 31.6





#78

Terphenyl-d14

Concen: 111.14 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091441.D

Acq: 6 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

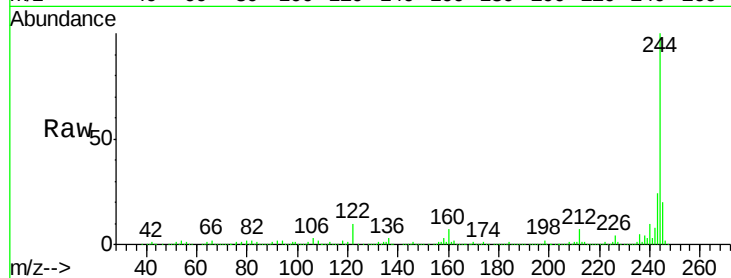
Tot Ion:244 Resp: 1815964

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

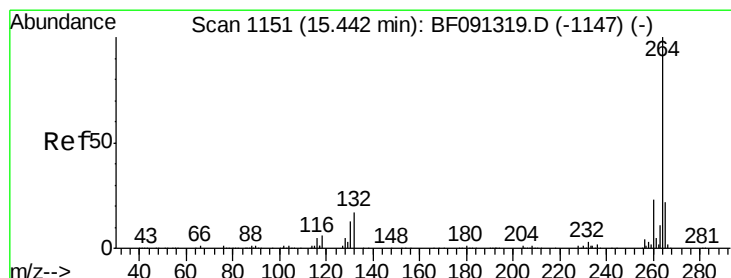
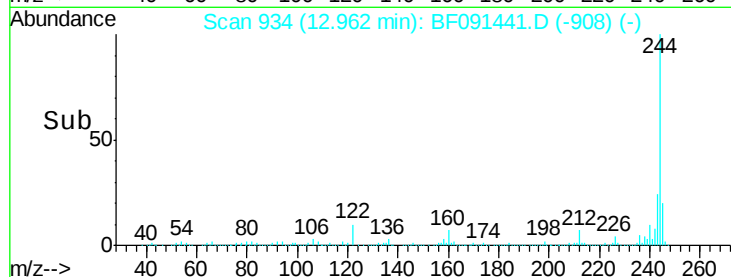
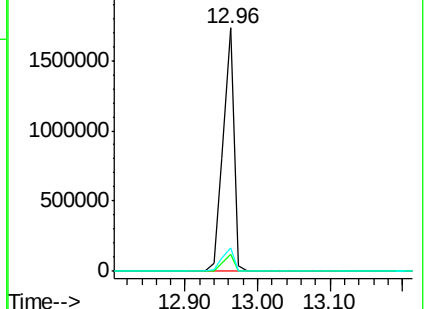
122 9.8 9.5 14.3



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: 15.43 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF091441.D

Acq: 6 Dec 2016 1:58

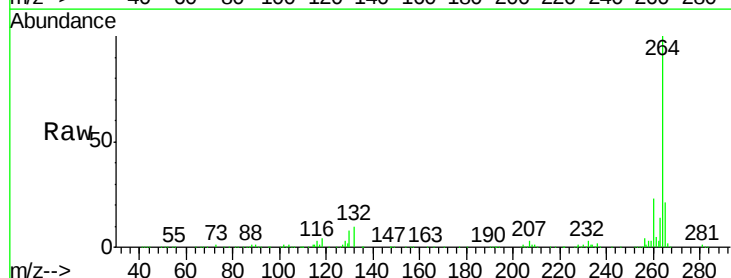
Tgt Ion:264 Resp: 271710

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.2 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

