

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091173.D
 Acq On : 15 Nov 2016 12:08
 Operator : UM/SJ
 Sample : H5643-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-111016

Quant Time: Nov 16 10:41:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	154777	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	634409	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	354547	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	657710	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	567224	20.00	ng	-0.03
86) Perylene-d12	15.14	264	429098	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	734892	78.42	ng	-0.02
7) Phenol-d6	6.28	99	597991	47.01	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1324194	113.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	571409	178.27	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1974753	95.89	ng	-0.03
78) Terphenyl-d14	12.74	244	2228705	98.05	ng	-0.02

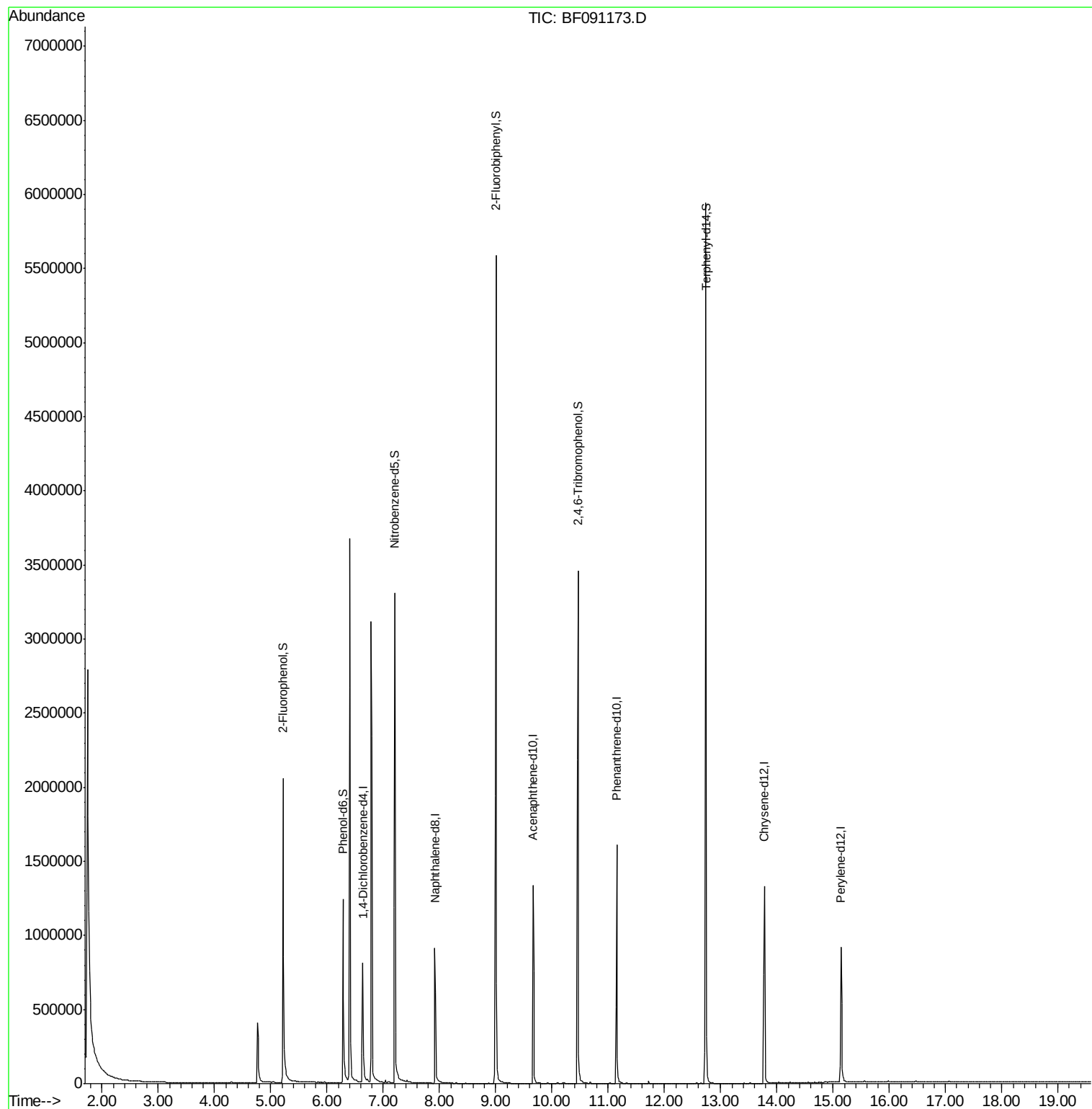
Target Compounds Qvalue

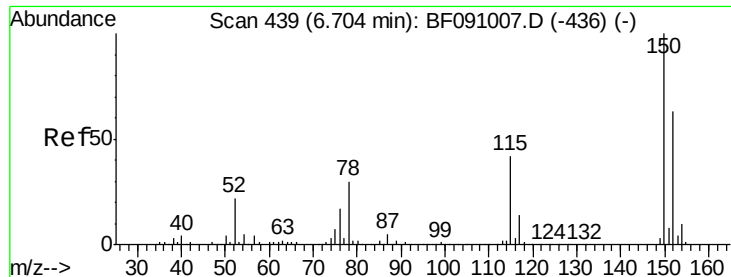
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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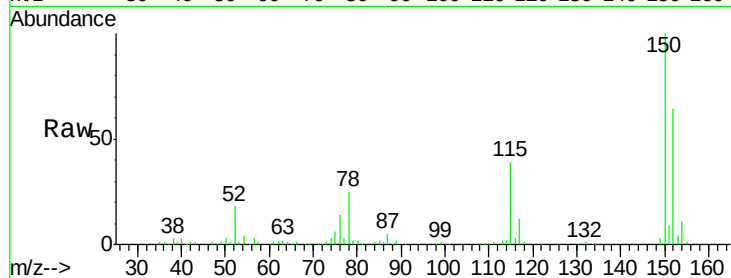


#1

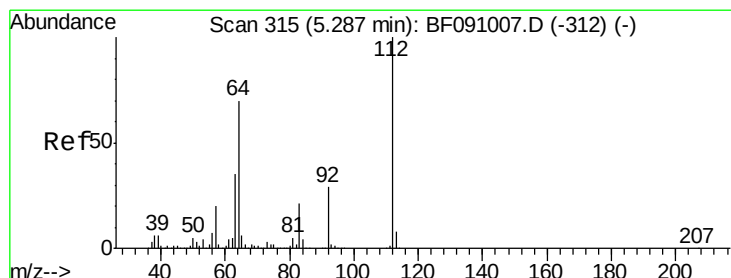
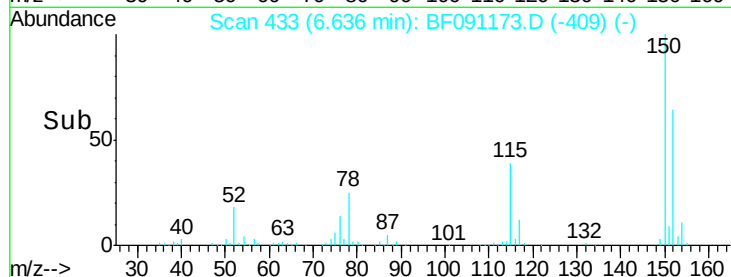
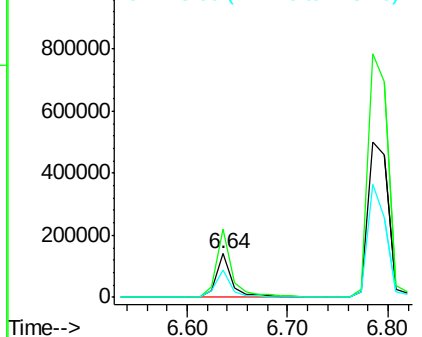
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

Instrument :
BNA_F
ClientSampleId :
FB-111016

Tot Ion:152 Resp: 154777
Ion Ratio Lower Upper
152 100
150 155.9 126.8 190.2
115 61.5 53.3 79.9



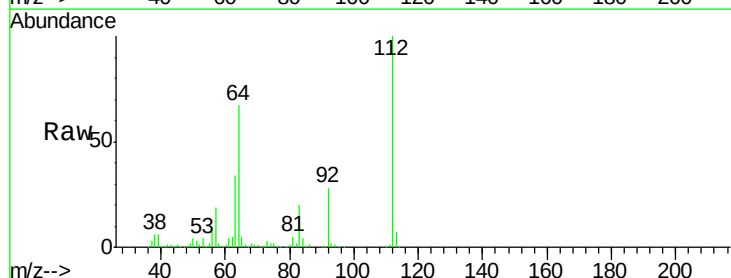
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



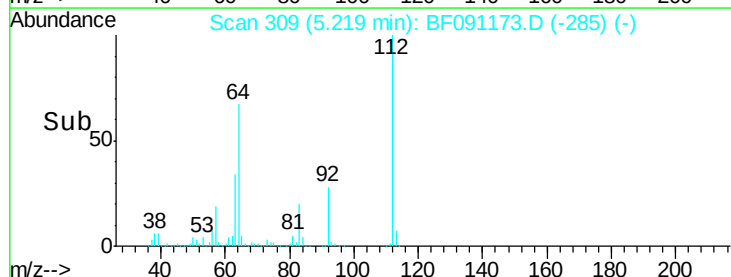
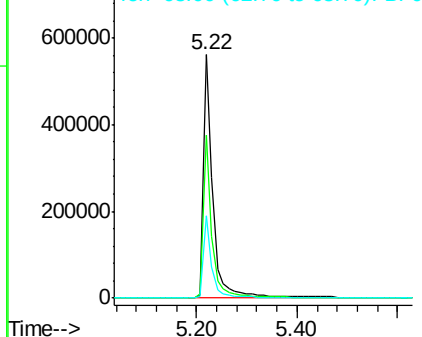
#5

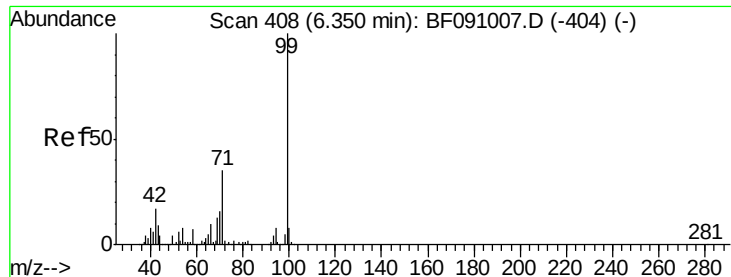
2-Fluorophenol
Concen: 78.42 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

Tgt Ion:112 Resp: 734892
Ion Ratio Lower Upper
112 100
64 67.2 55.8 83.6
63 34.0 28.0 42.0



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: 47.01 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Instrument :

BNA_F

ClientSampleId :

FB-111016

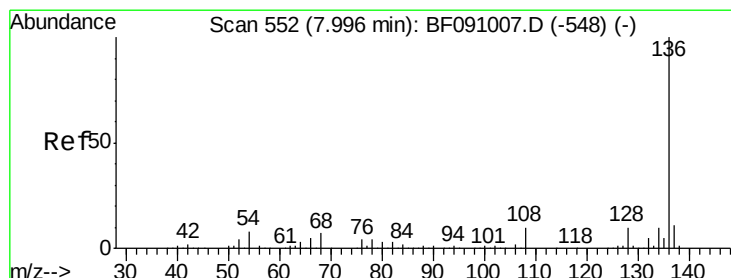
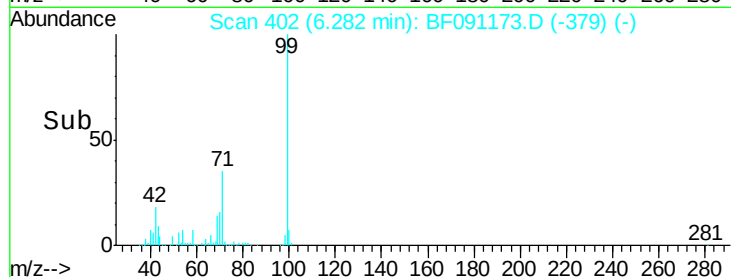
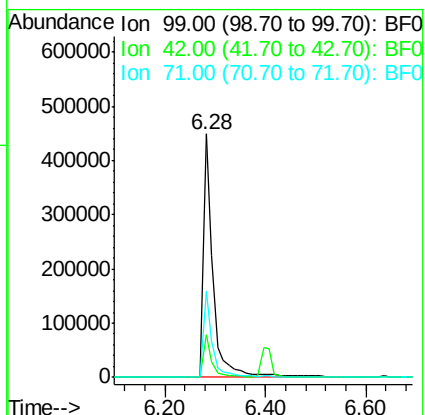
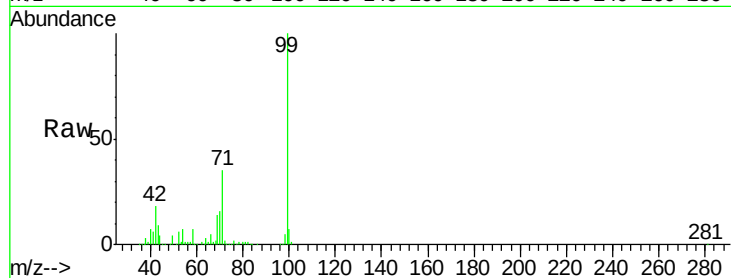
Tot Ion: 99 Resp: 597991

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

71 35.2 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Tgt Ion: 136 Resp: 634409

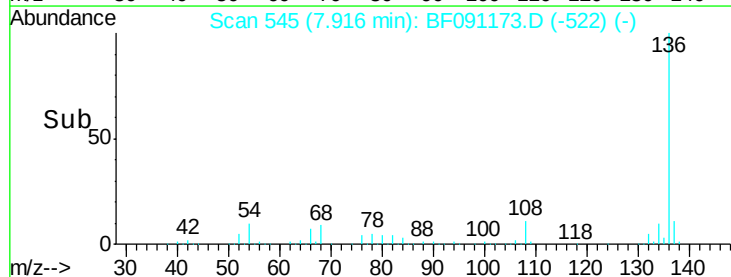
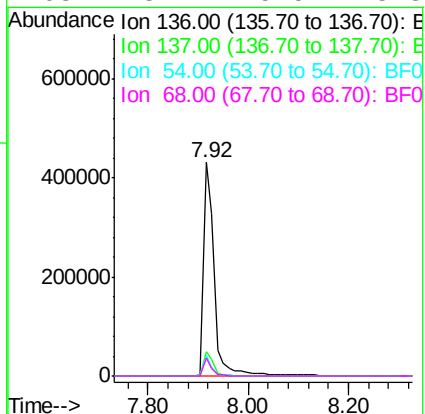
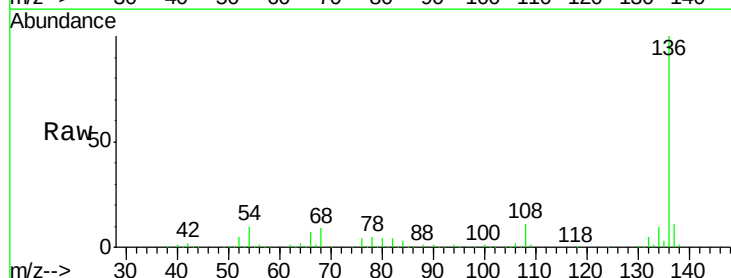
Ion Ratio Lower Upper

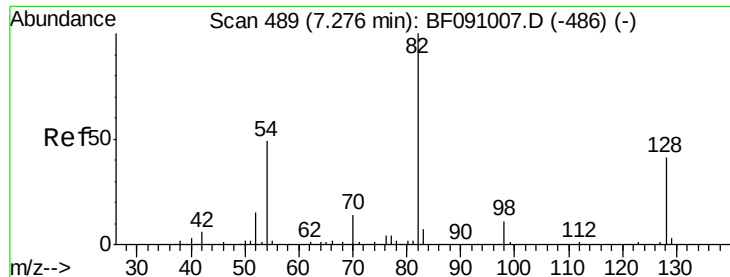
136 100

137 11.3 8.9 13.3

54 9.8 6.2 9.2#

68 8.7 5.5 8.3#





#23

Nitrobenzene-d5

Concen: 113.86 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

Instrument :

BNA_F

ClientSampleId :

FB-111016

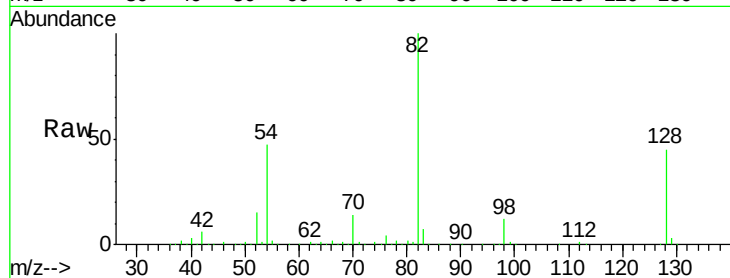
Tot Ion: 82 Resp: 1324194

Ion Ratio Lower Upper

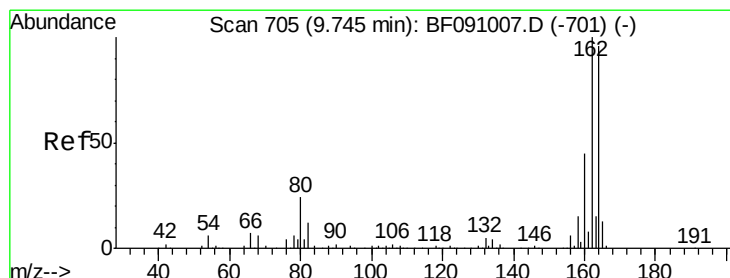
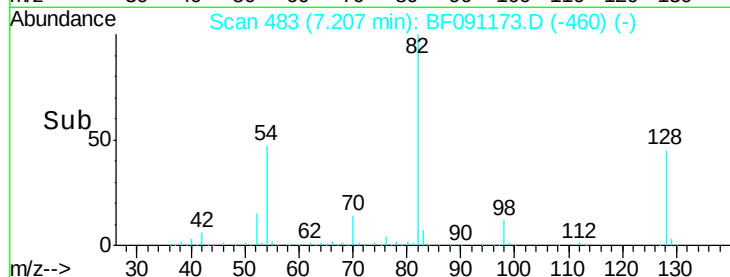
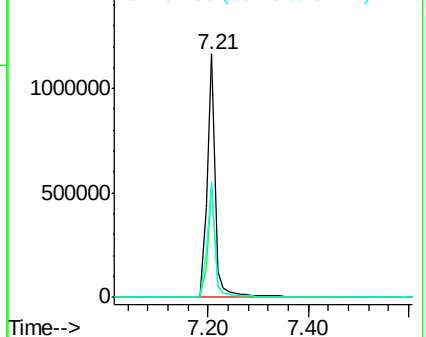
82 100

128 45.4 32.4 48.6

54 47.5 39.2 58.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091173.D

Acq: 15 Nov 2016 12:08

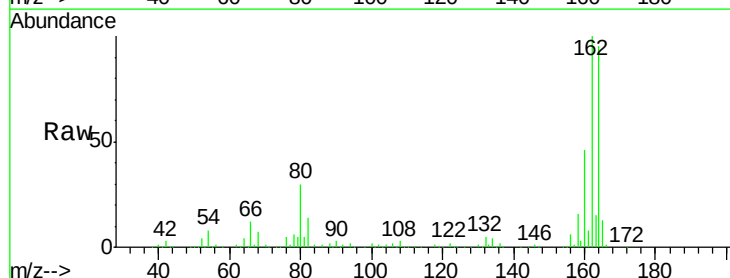
Tgt Ion:164 Resp: 354547

Ion Ratio Lower Upper

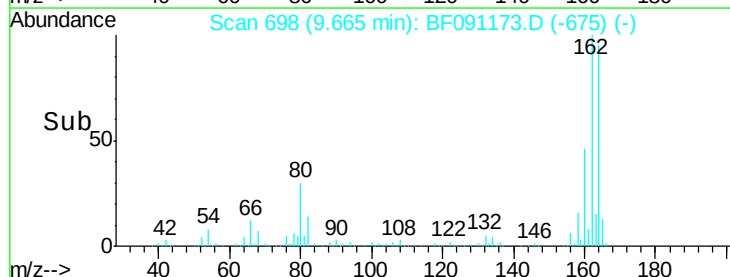
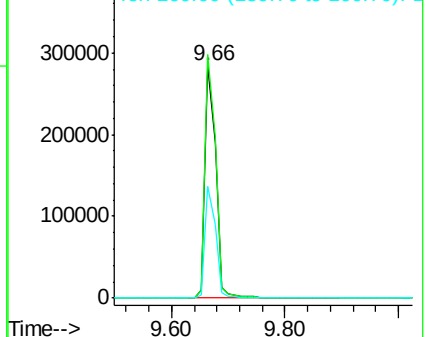
164 100

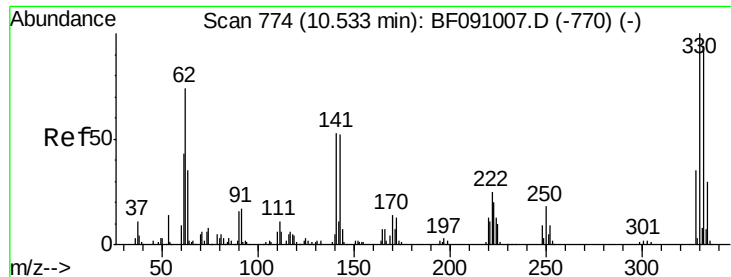
162 104.9 83.6 125.4

160 48.4 37.9 56.9



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

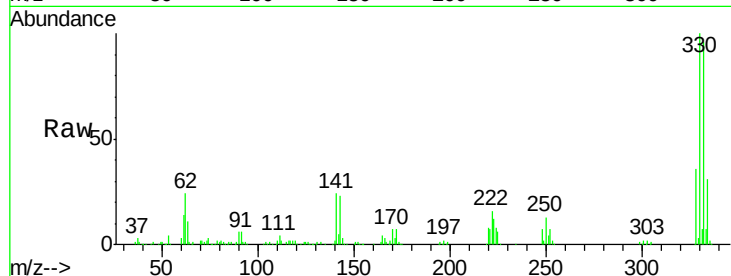




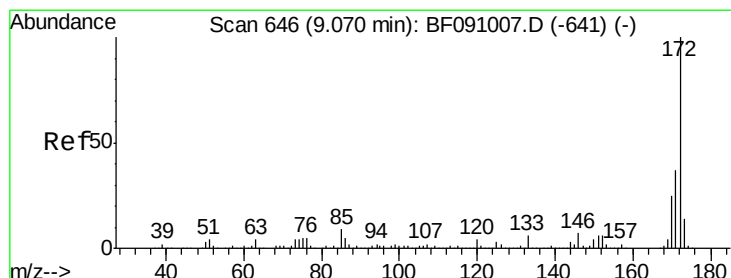
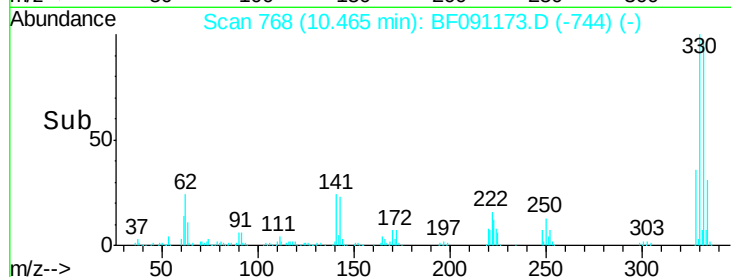
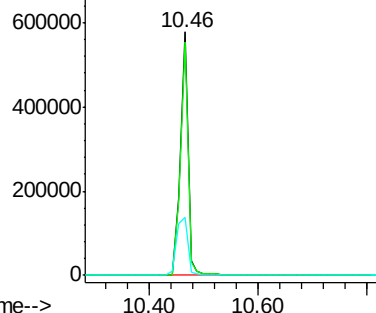
#41
 2,4,6-Tribromophenol
 Concen: 178.27 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 FB-111016

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	35.1	36.1	54.1#

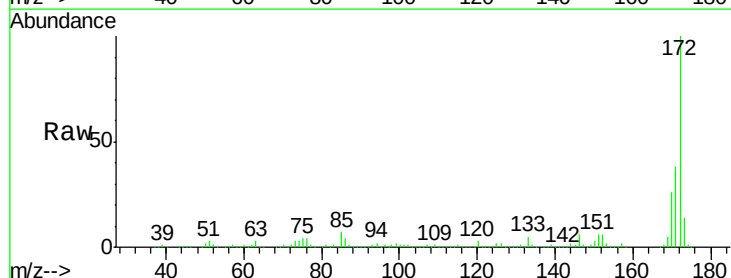


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

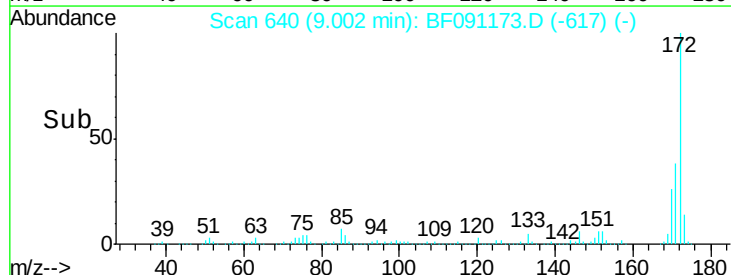
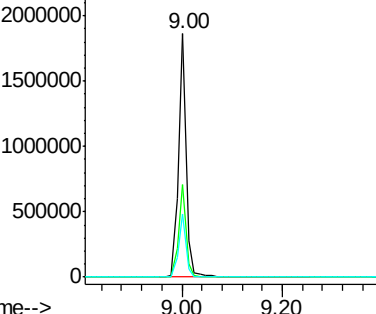


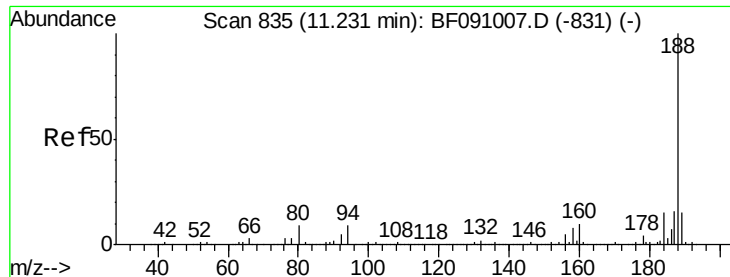
#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.9	20.3	30.5



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

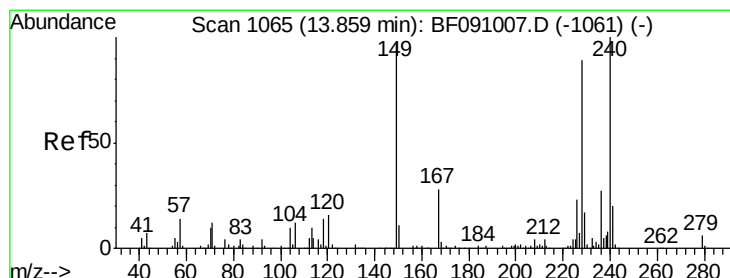
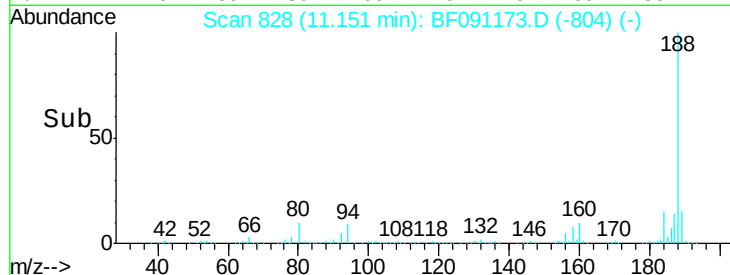
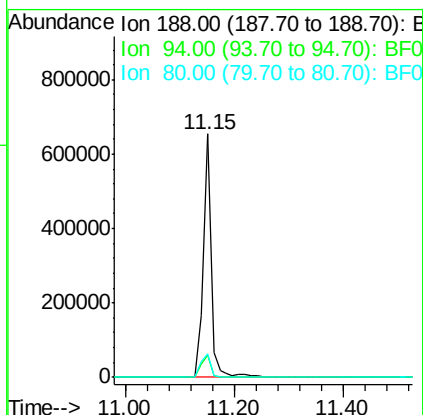
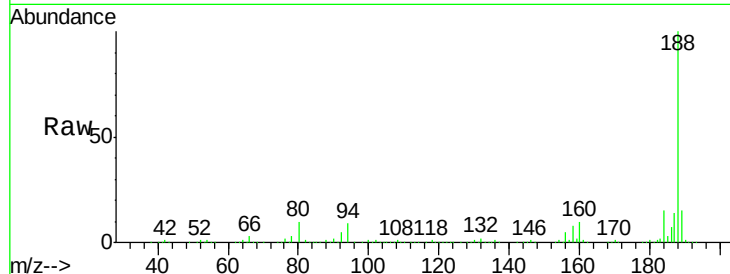




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

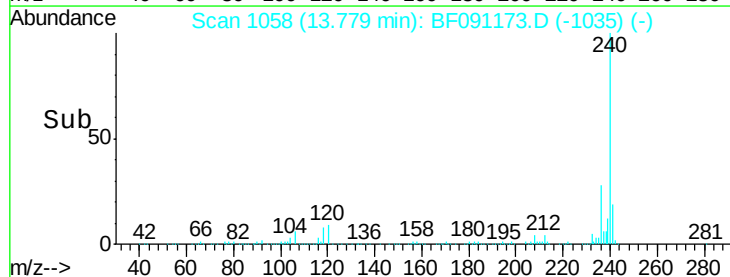
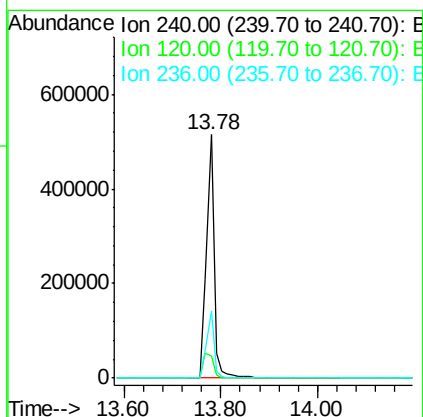
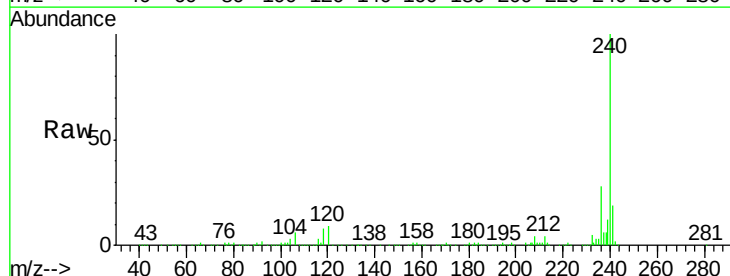
Instrument :
BNA_F
ClientSampleId :
FB-111016

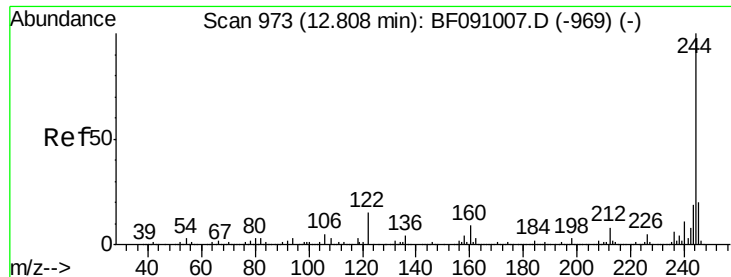
Tot Ion:188 Resp: 657710
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091173.D
Acq: 15 Nov 2016 12:08

Tgt Ion:240 Resp: 567224
Ion Ratio Lower Upper
240 100
120 9.4 12.9 19.3#
236 27.5 21.9 32.9

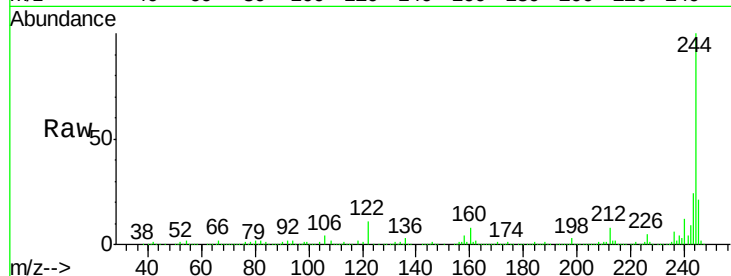




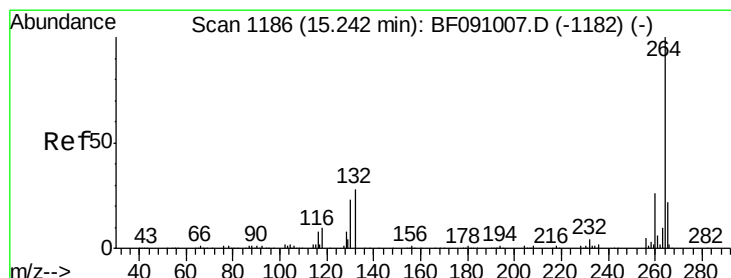
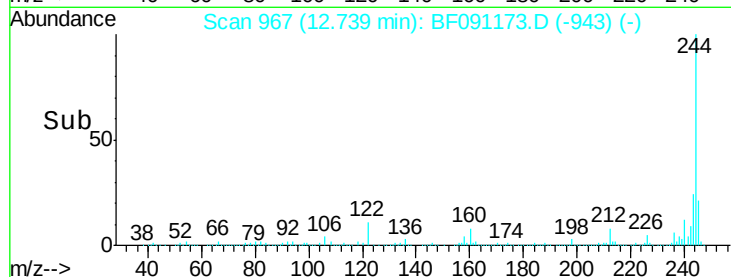
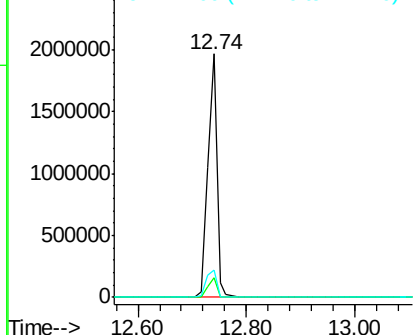
#78
 Terphenyl-d14
 Concen: 98.05 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 FB-111016

Tot Ion:244 Resp: 2228705
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.2 12.3 18.5#

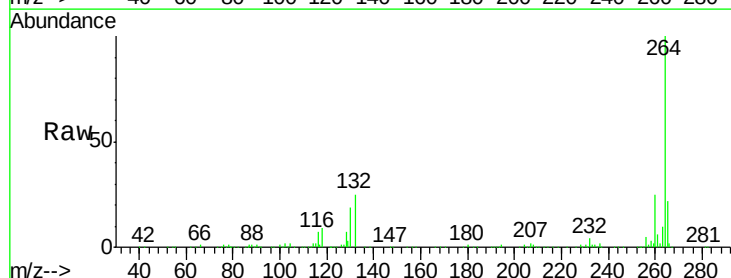


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091173.D
 Acq: 15 Nov 2016 12:08

Tgt Ion:264 Resp: 429098
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 22.1 17.8 26.8



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

