

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091177.D
 Acq On : 15 Nov 2016 14:16
 Operator : UM/SJ
 Sample : H5636-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Quant Time: Nov 16 00:56:33 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	165501	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	705468	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	369407	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	671914	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	585064	20.00	ng	-0.03
86) Perylene-d12	15.14	264	476447	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	775302	77.37	ng	-0.02
7) Phenol-d6	6.28	99	649362	47.74	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1315639	101.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	570177	170.73	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1996995	93.07	ng	-0.03
78) Terphenyl-d14	12.74	244	2137601	91.17	ng	-0.02

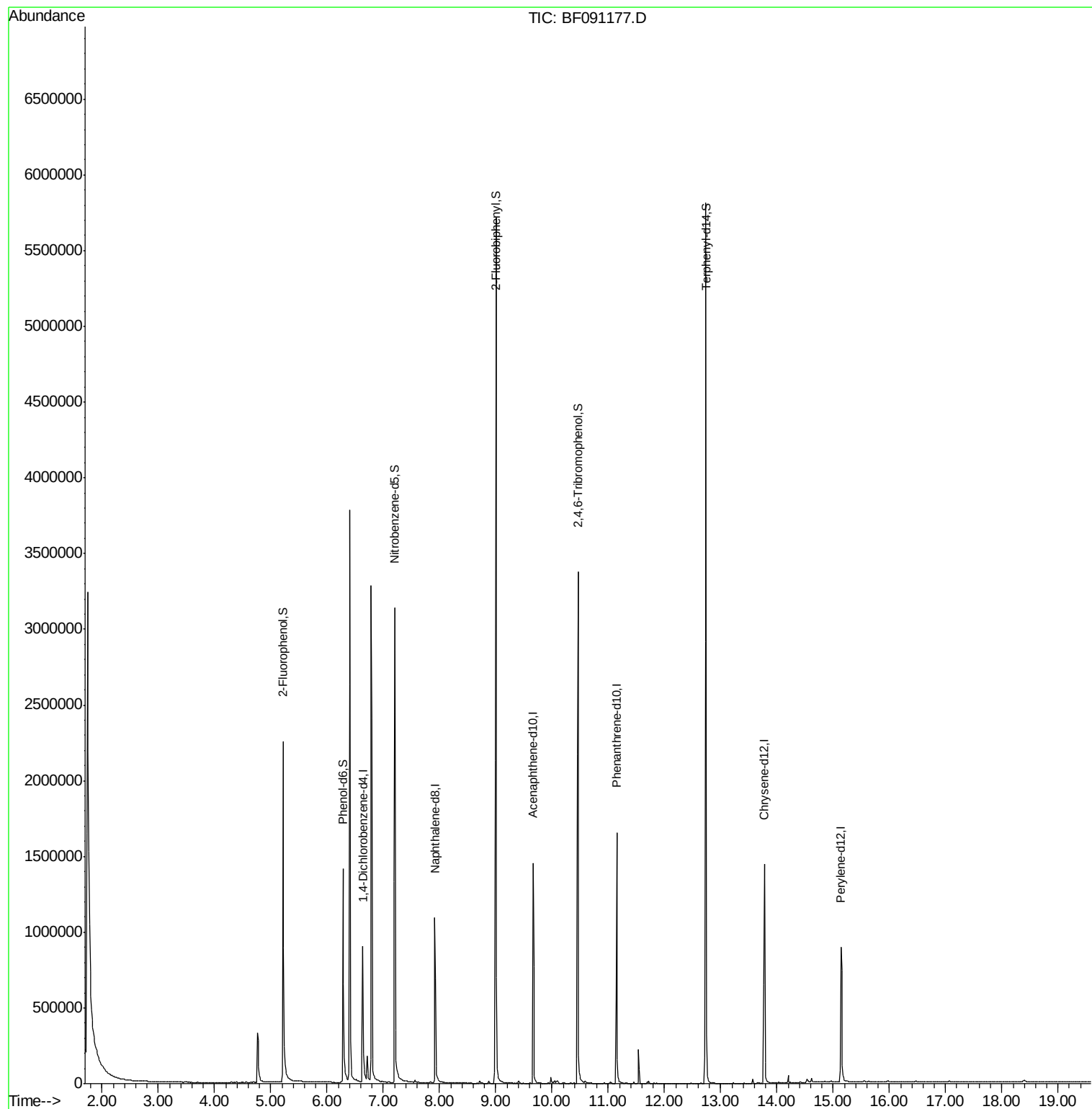
Target Compounds Qvalue

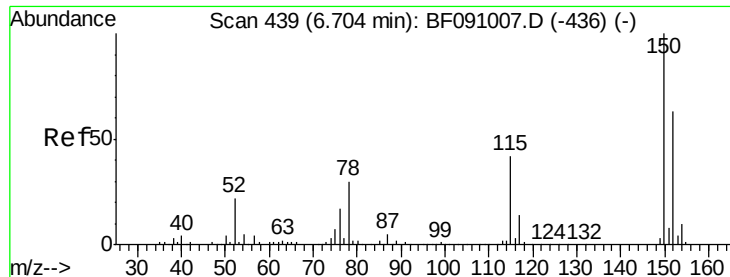
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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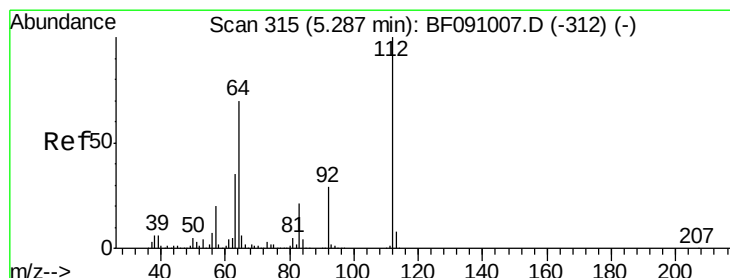
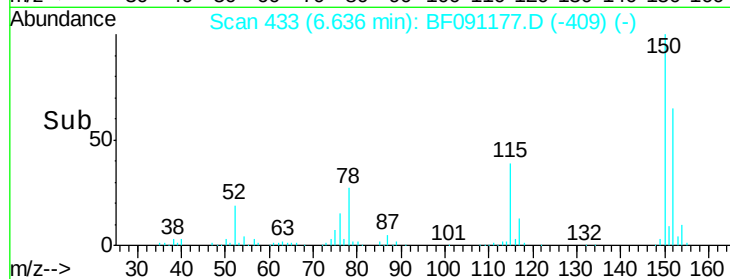
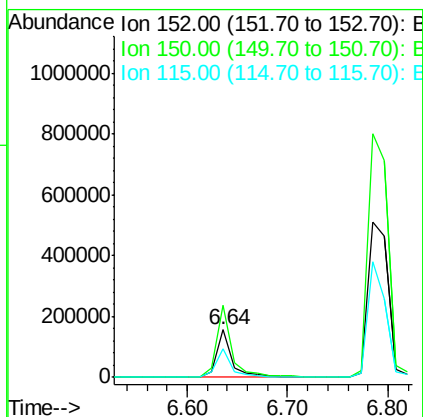
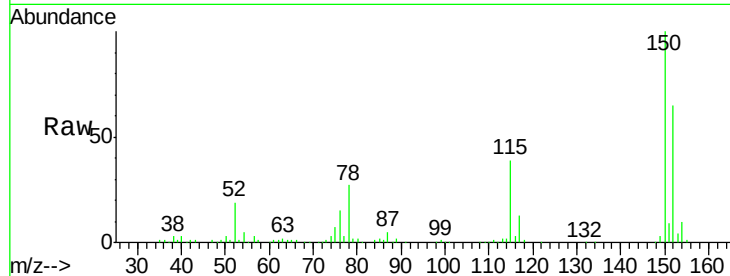


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

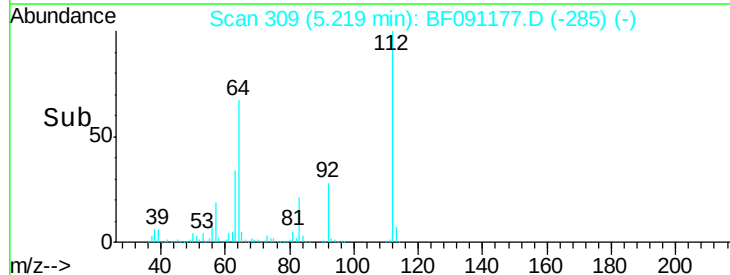
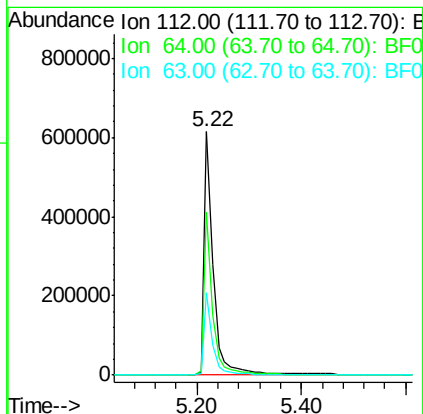
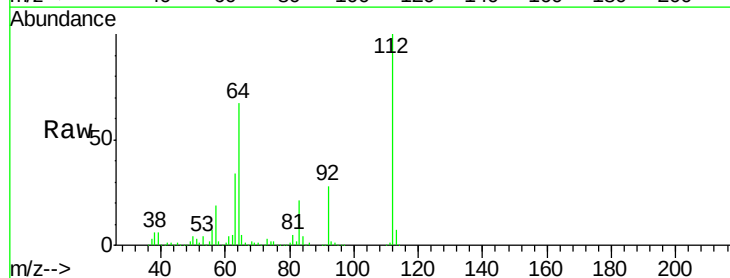
Tot Ion:152 Resp: 165501
Ion Ratio Lower Upper
152 100
150 153.5 126.8 190.2
115 59.9 53.3 79.9

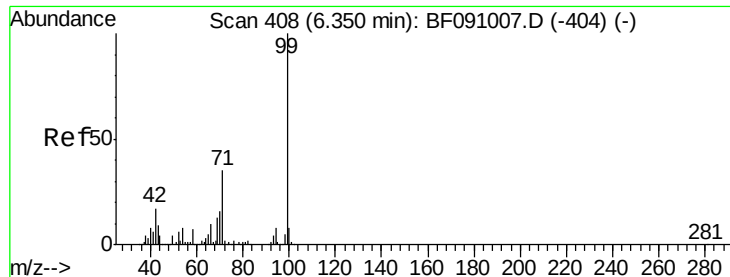


#5

2-Fluorophenol
Concen: 77.37 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:112 Resp: 775302
Ion Ratio Lower Upper
112 100
64 67.0 55.8 83.6
63 33.8 28.0 42.0





#7

Phenol-d6

Concen: 47.74 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Instrument :

BNA_F

ClientSampleId :

CPS043044

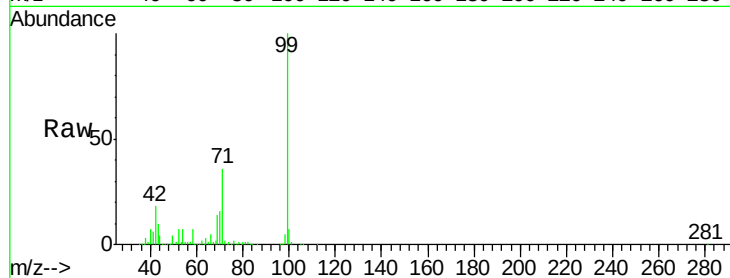
Tot Ion: 99 Resp: 649362

Ion Ratio Lower Upper

99 100

42 18.3 13.9 20.9

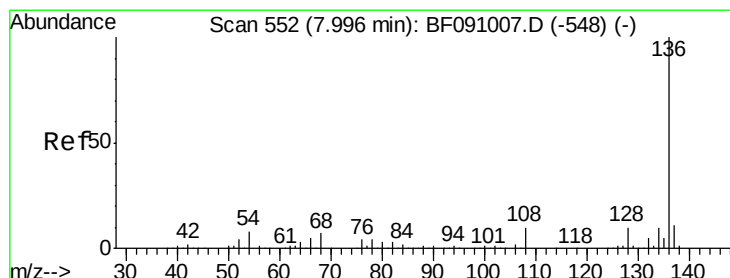
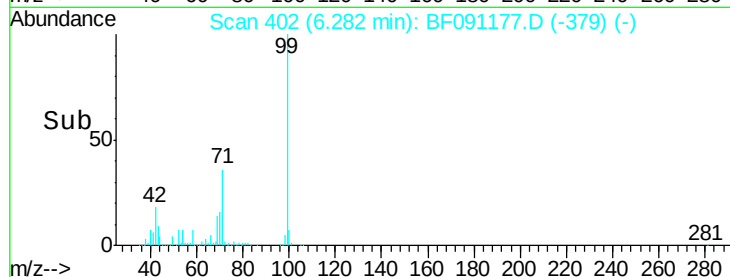
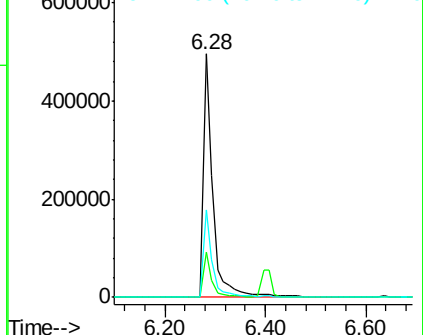
71 36.1 27.8 41.8



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: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Tgt Ion: 136 Resp: 705468

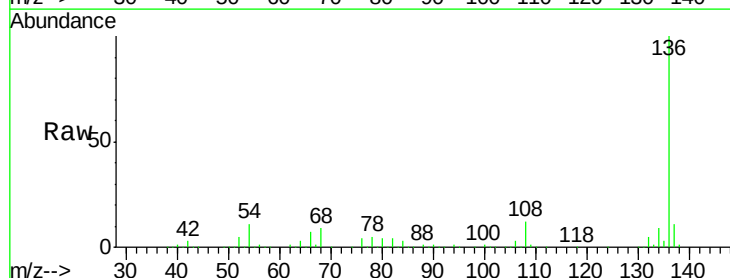
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.6 6.2 9.2#

68 9.0 5.5 8.3#

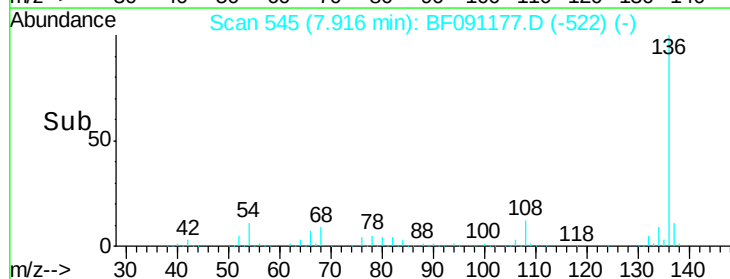
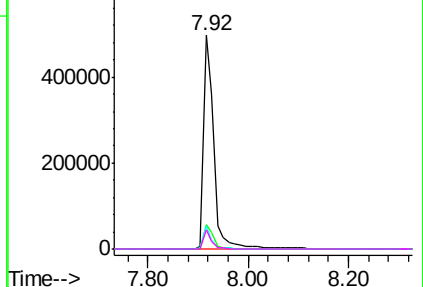


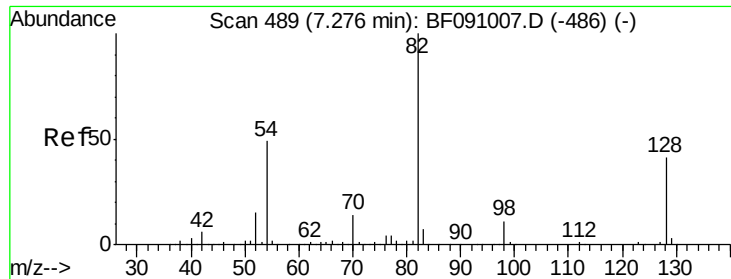
Abundance Ion 136.00 (135.70 to 136.70): E

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

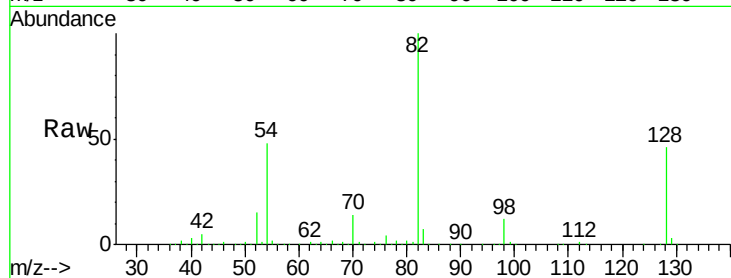




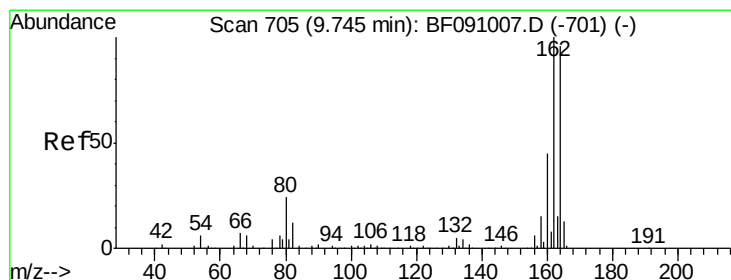
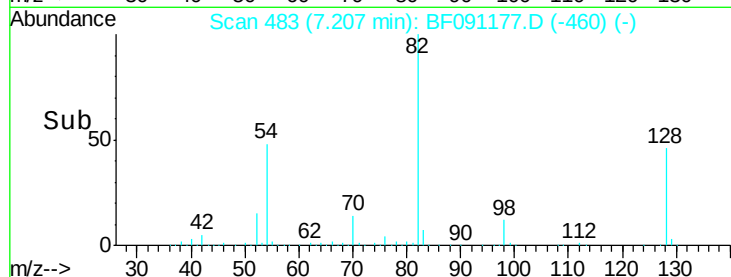
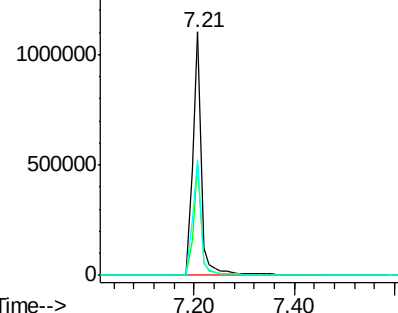
#23
 Nitrobenzene-d5
 Concen: 101.73 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Tot Ion: 82 Resp: 1315639
 Ion Ratio Lower Upper
 82 100
 128 45.7 32.4 48.6
 54 47.7 39.2 58.8

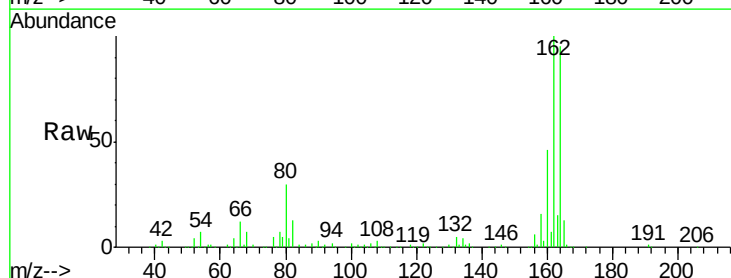


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

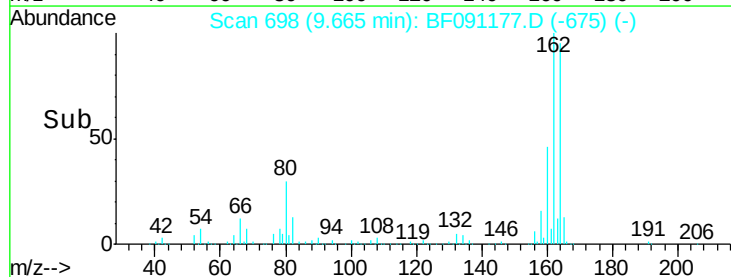
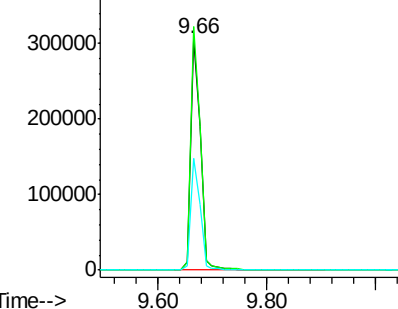


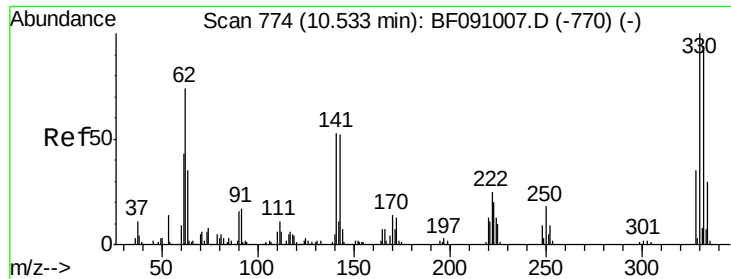
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Tgt Ion:164 Resp: 369407
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.6 125.4
 160 48.0 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

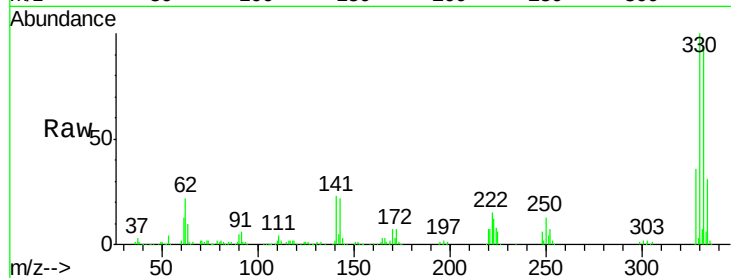




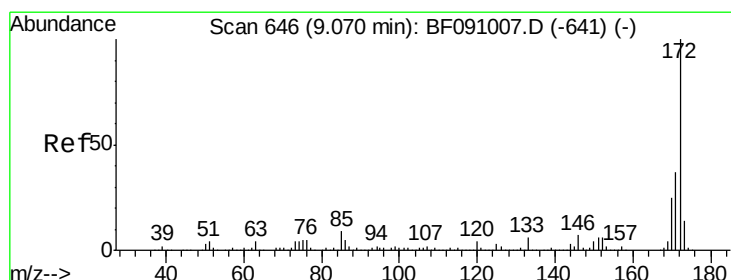
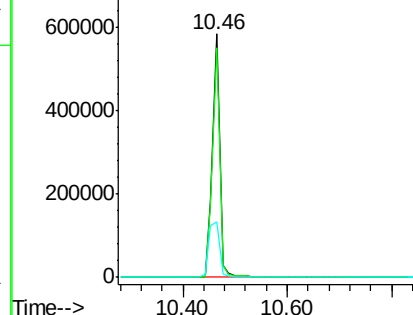
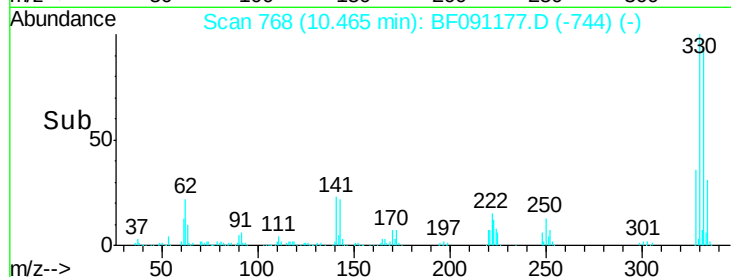
#41
 2,4,6-Tribromophenol
 Concen: 170.73 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.9	113.9
141	34.4	36.1	54.1#

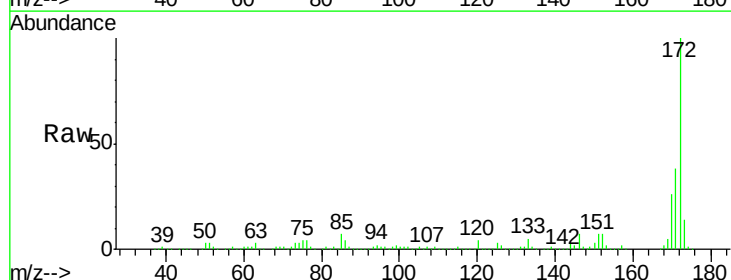


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

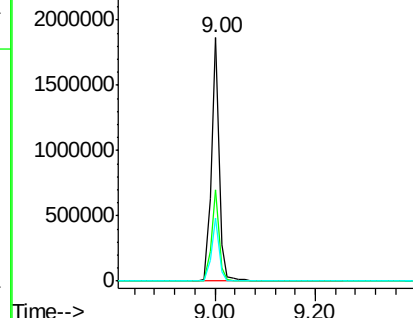
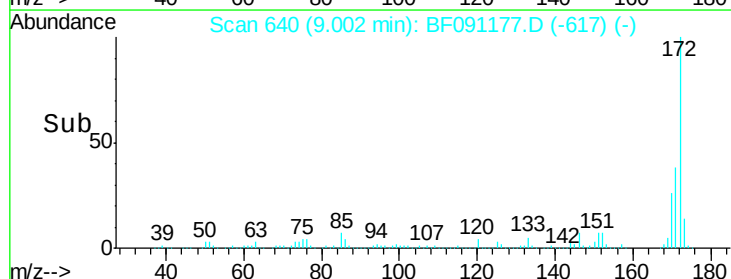


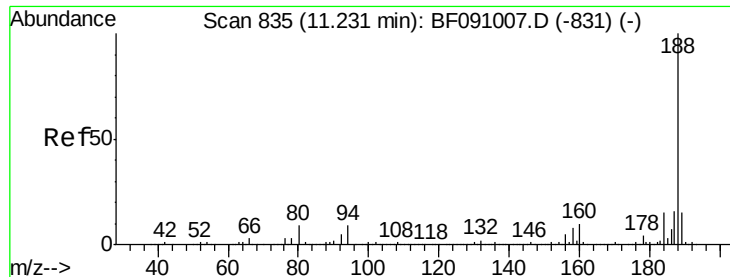
#44
 2-Fluorobiphenyl
 Concen: 93.07 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	26.1	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

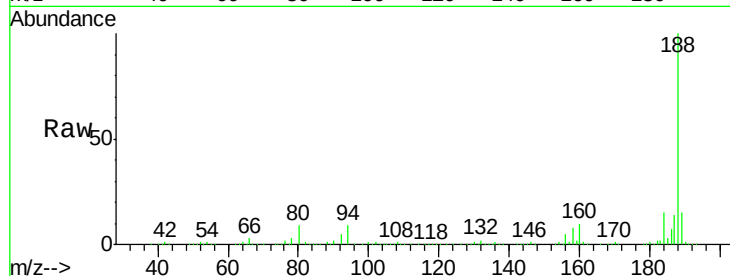




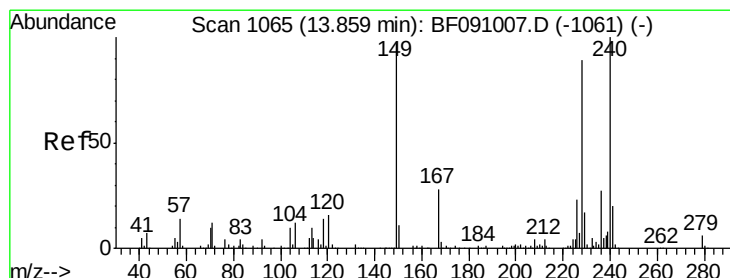
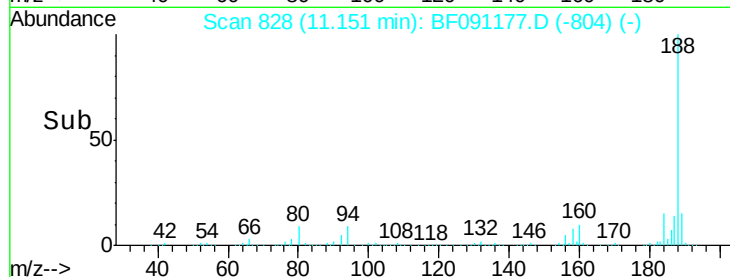
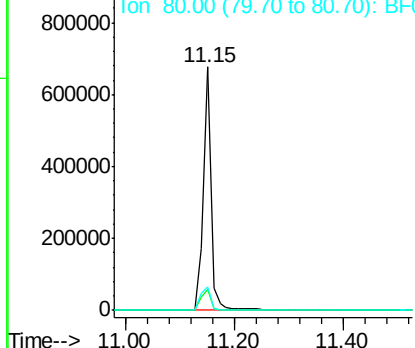
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tot Ion:188 Resp: 671914
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.4 7.5 11.3

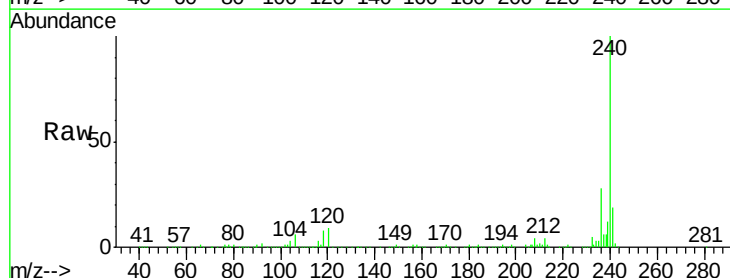


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

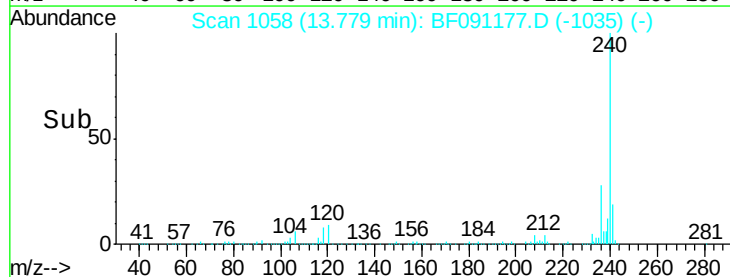
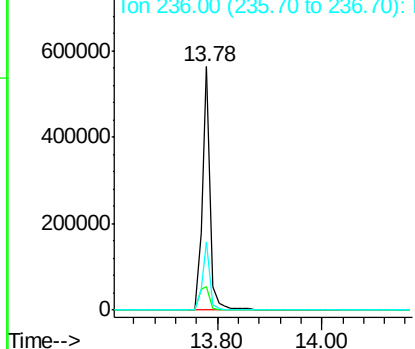


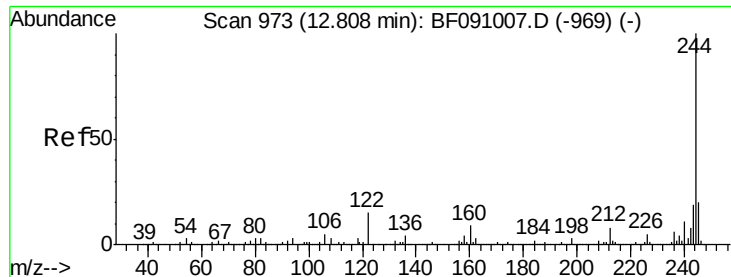
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:240 Resp: 585064
Ion Ratio Lower Upper
240 100
120 9.4 12.9 19.3#
236 27.9 21.9 32.9



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

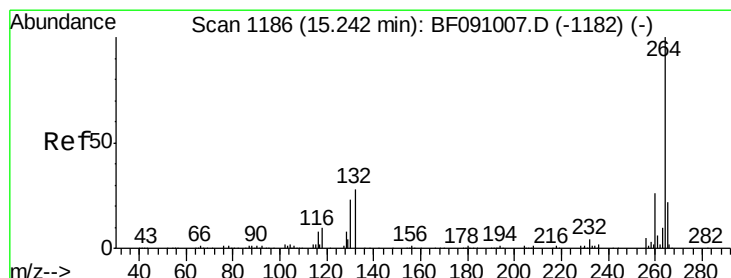
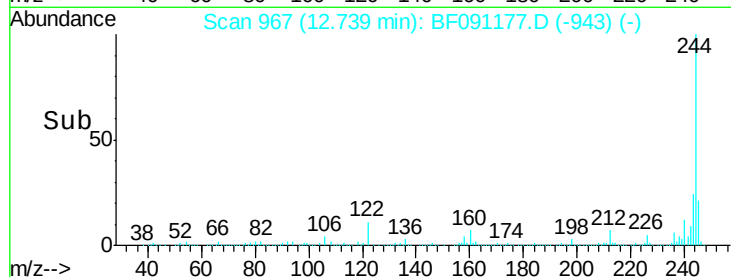
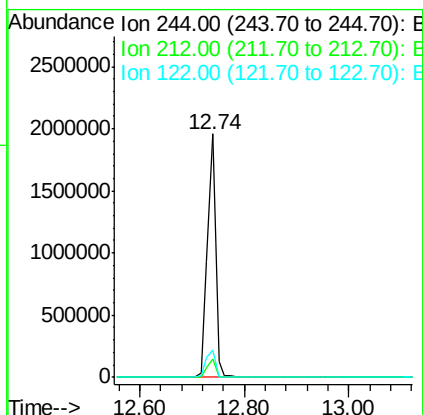
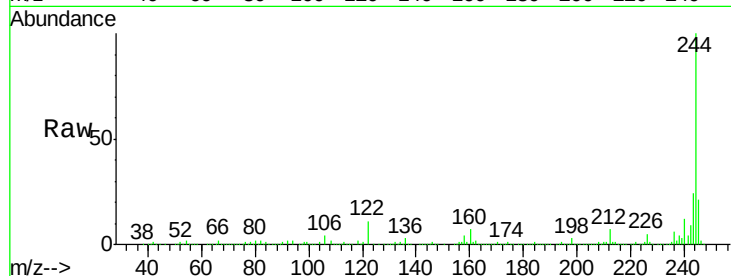




#78
 Terphenyl-d14
 Concen: 91.17 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Instrument :
 BNA_F
 ClientSampled :
 CPS043044

Tot Ion:244 Resp: 2137601
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 11.2 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Tgt Ion:264 Resp: 476447
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 30.8
 265 22.2 17.8 26.8

