

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091133.D
 Acq On : 9 Nov 2016 19:23
 Operator : UM/SJ
 Sample : H5580-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Quant Time: Nov 09 23:07:53 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

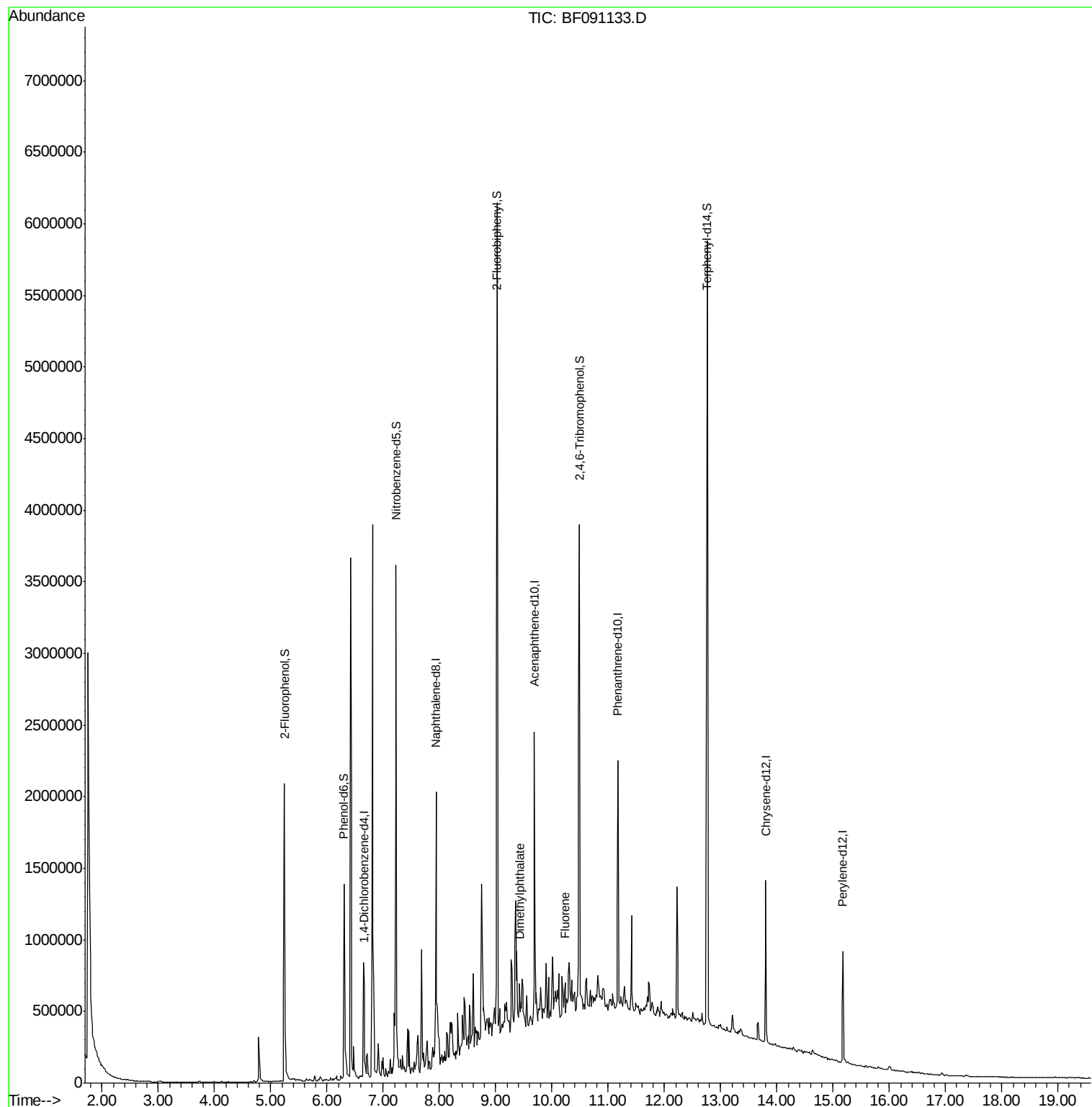
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178151	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	750890	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	405966	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	672400	20.00	ng	0.00
75) Chrysene-d12	13.80	240	443417	20.00	ng	-0.01
86) Perylene-d12	15.17	264	329301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	698086	64.72	ng	0.00
7) Phenol-d6	6.30	99	625426	42.72	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1423123	103.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	555456	151.34	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2066490	87.64	ng	-0.01
78) Terphenyl-d14	12.76	244	1991536	112.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.42	163	97760	3.67	ng	99
57) Fluorene	10.24	166	50024	2.06	ng	# 95

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

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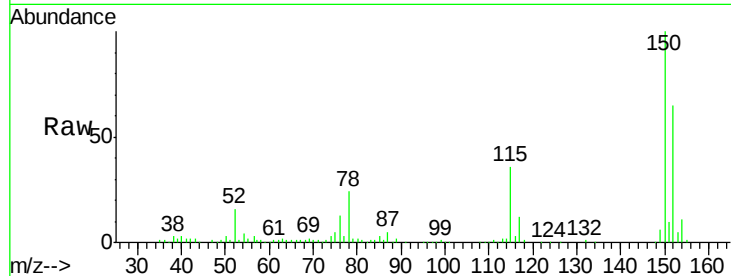


#1

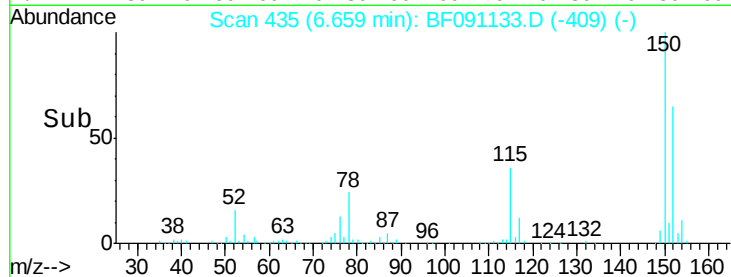
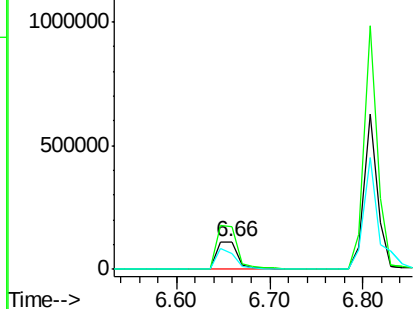
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Instrument :
BNA_F
ClientSampleId :
RW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.8	190.2
115	55.5	53.3	79.9



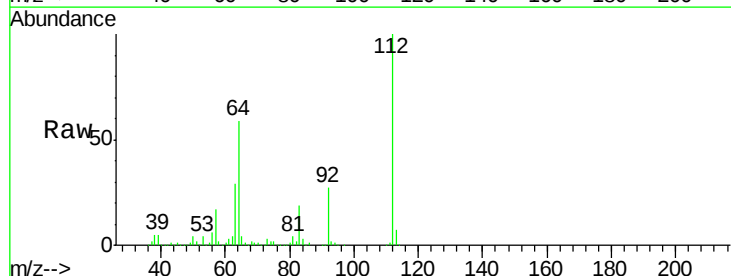
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



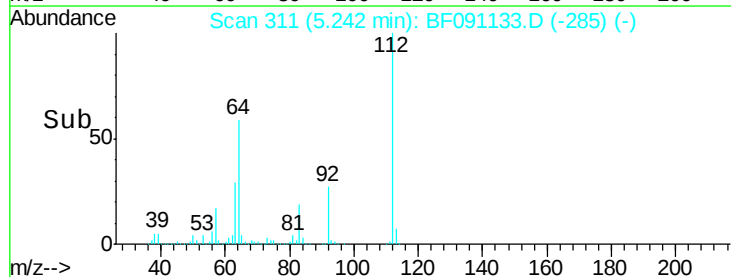
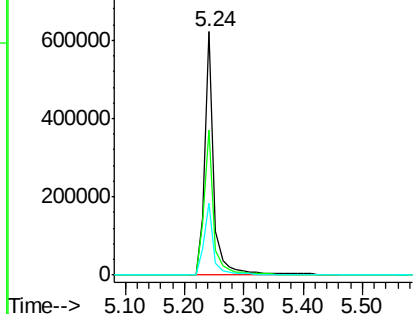
#5

2-Fluorophenol
Concen: 64.72 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	55.8	83.6
63	29.5	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: 42.72 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

Instrument :

BNA_F

ClientSampleId :

RW-1

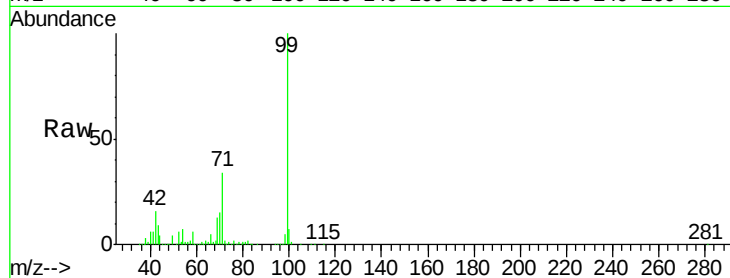
Tot Ion: 99 Resp: 625426

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

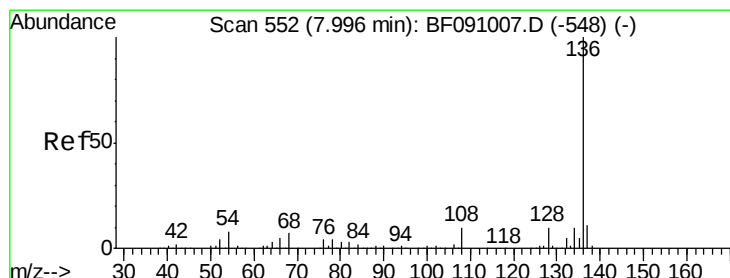
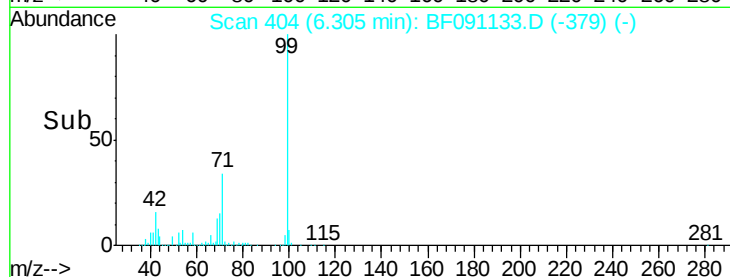
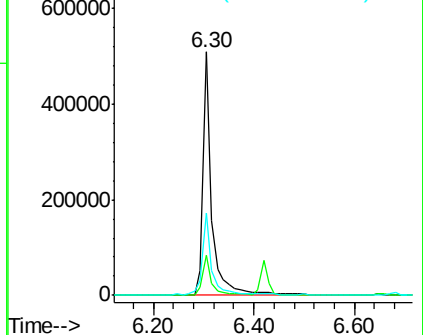
71 33.8 27.8 41.8



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: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

Tgt Ion: 136 Resp: 750890

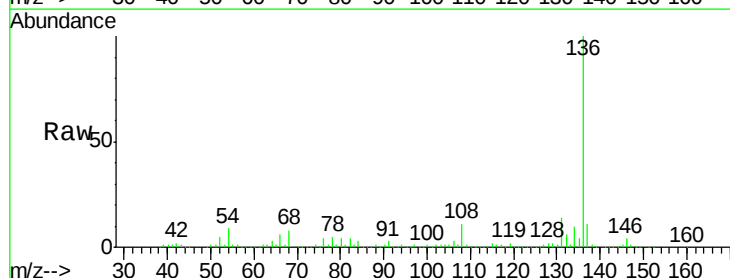
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.2 9.2#

68 8.1 5.5 8.3

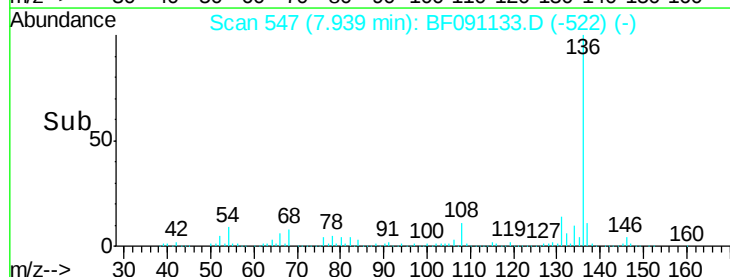
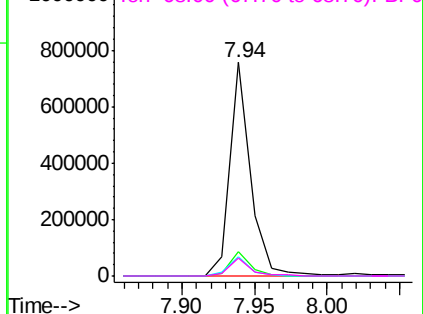


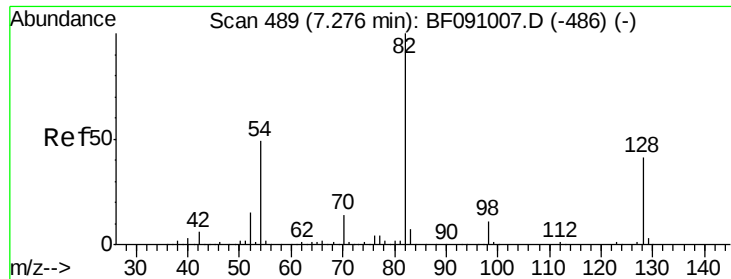
Abundance Ion 136.00 (135.70 to 136.70): E

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

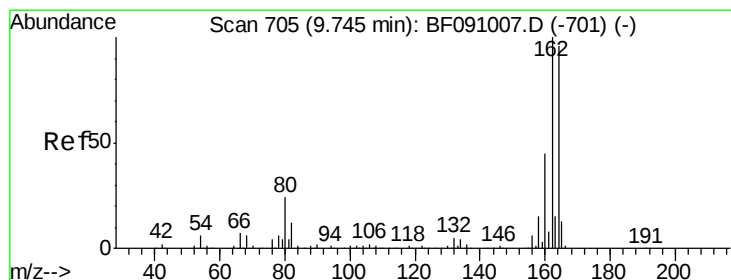
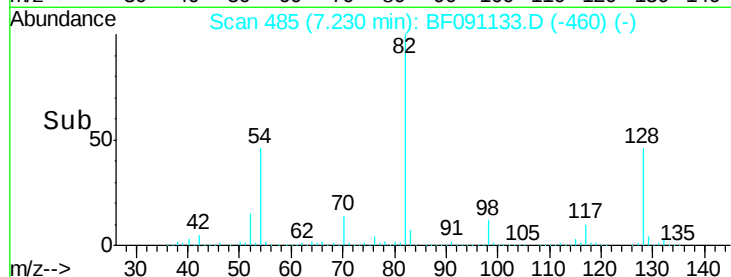
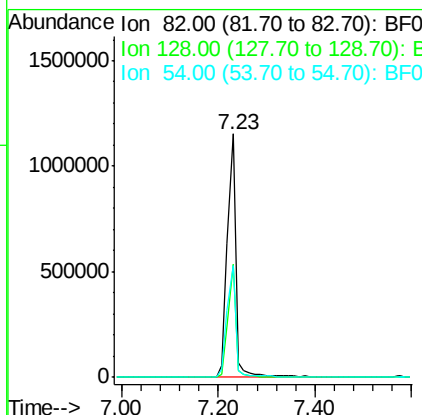
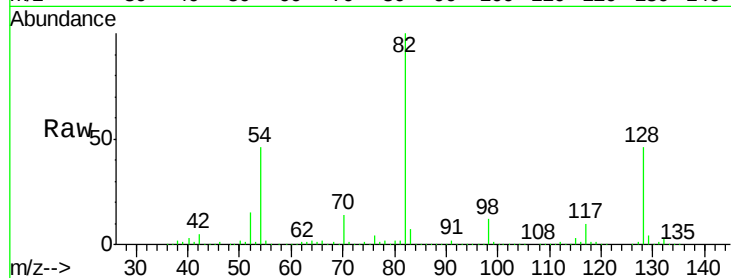




#23
 Nitrobenzene-d5
 Concen: 103.39 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091133.D
 Acq: 9 Nov 2016 19:23

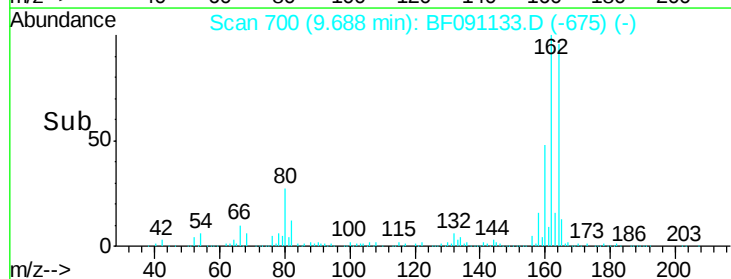
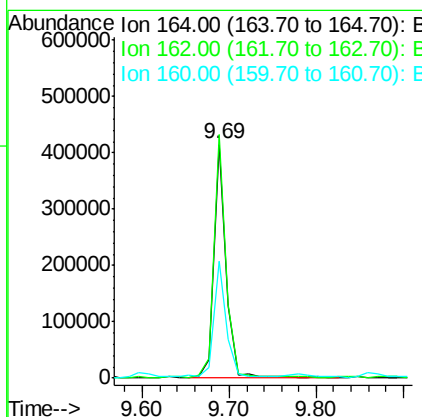
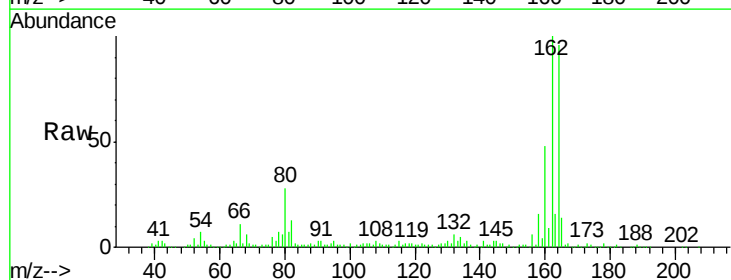
Instrument :
 BNA_F
 ClientSampleId :
 RW-1

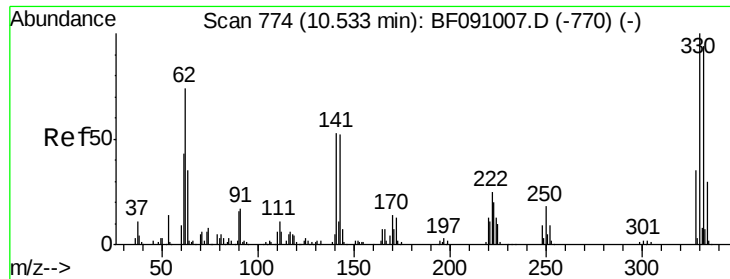
Tot Ion: 82 Resp: 1423123
 Ion Ratio Lower Upper
 82 100
 128 46.3 32.4 48.6
 54 46.2 39.2 58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF091133.D
 Acq: 9 Nov 2016 19:23

Tgt Ion:164 Resp: 405966
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.6 125.4
 160 49.8 37.9 56.9

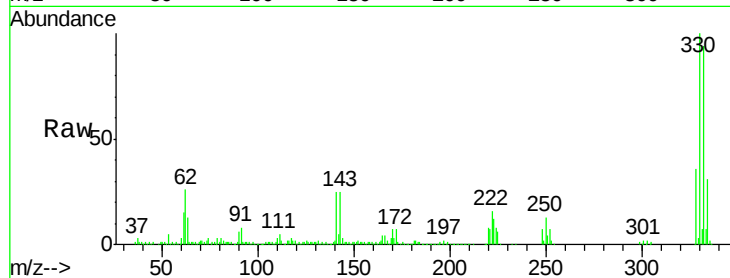




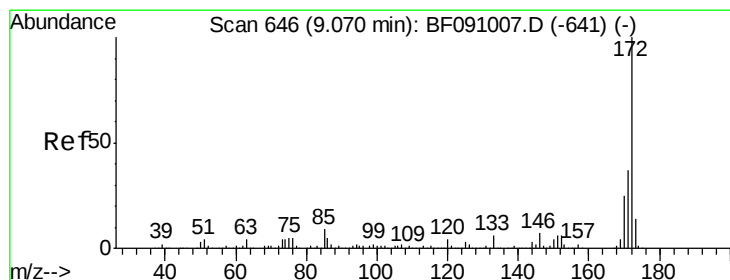
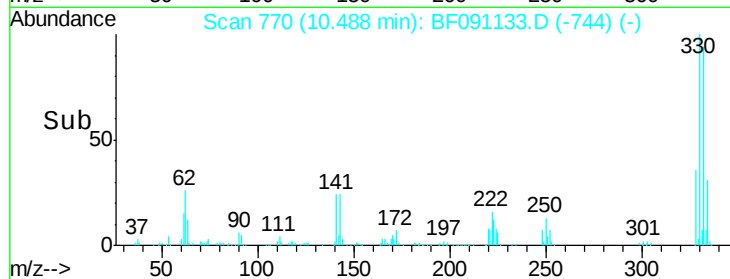
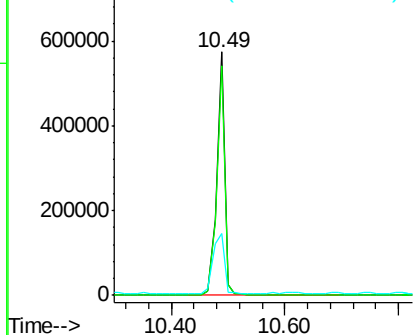
#41
 2,4,6-Tribromophenol
 Concen: 151.34 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091133.D
 Acq: 9 Nov 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.9	113.9
141	36.4	36.1	54.1

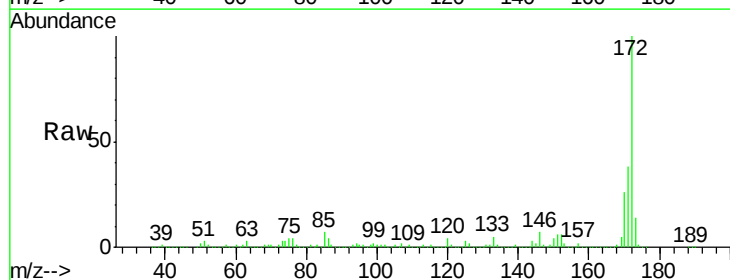


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

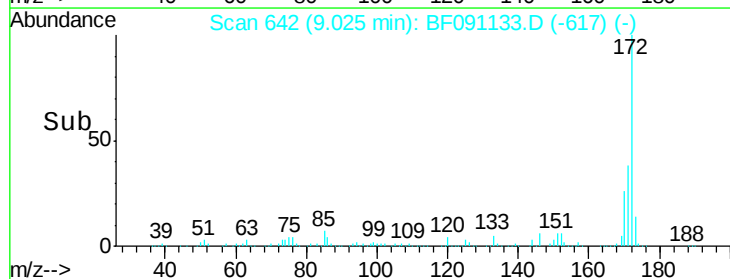
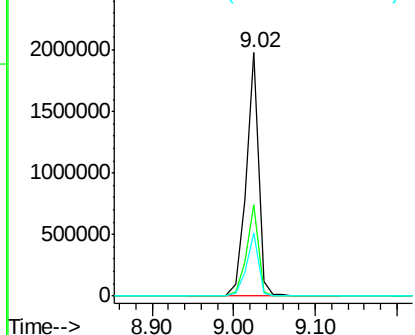


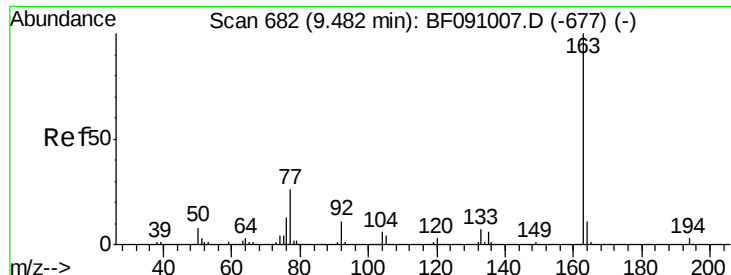
#44
 2-Fluorobiphenyl
 Concen: 87.64 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091133.D
 Acq: 9 Nov 2016 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.8	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

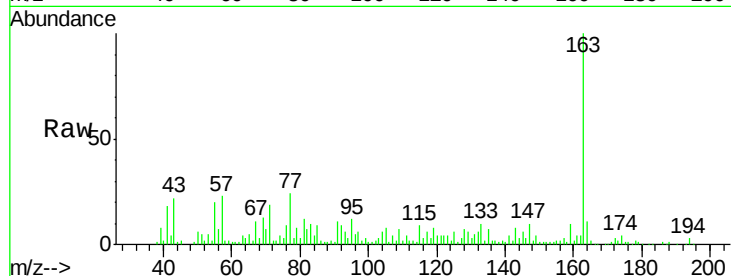




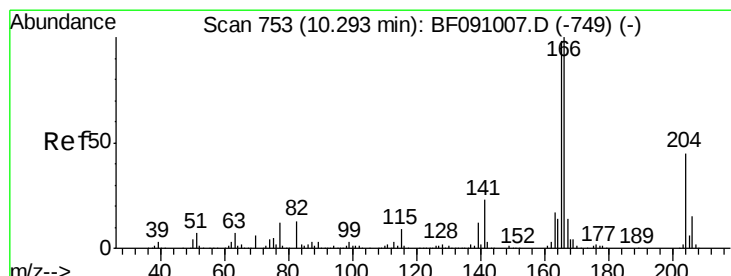
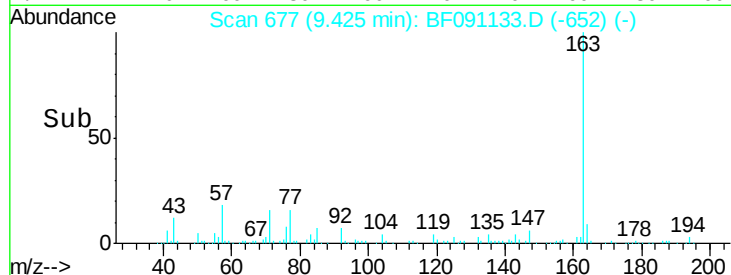
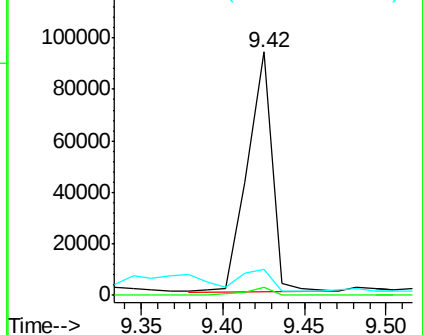
#49
Dimethylphthalate
Concen: 3.67 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Instrument :
BNA_F
ClientSampleId :
RW-1

Tot Ion:163 Resp: 97760
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.7 13.1

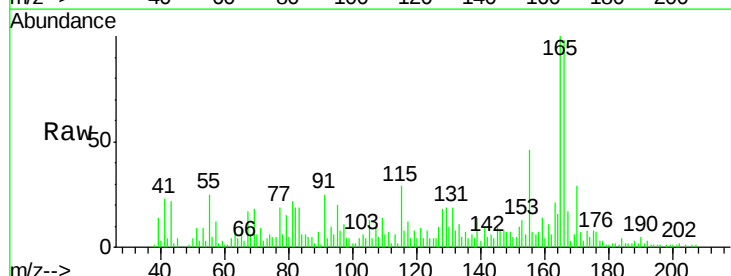


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

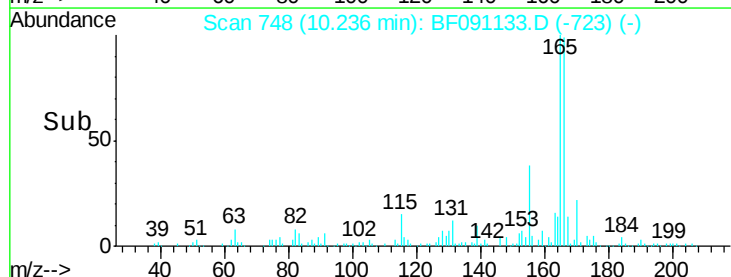
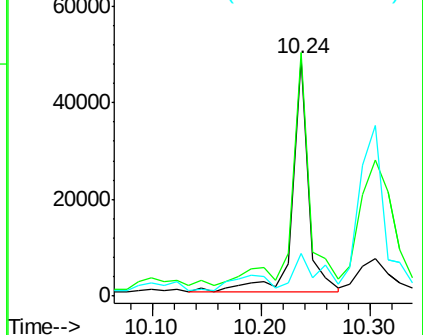


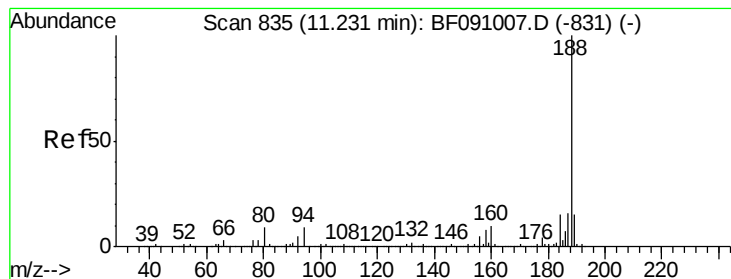
#57
Fluorene
Concen: 2.06 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Tgt Ion:166 Resp: 50024
Ion Ratio Lower Upper
166 100
165 102.5 78.6 118.0
167 17.9 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

Instrument :

BNA_F

ClientSampleId :

RW-1

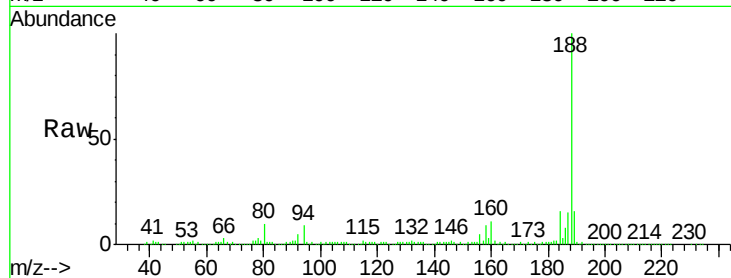
Tot Ion:188 Resp: 672400

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

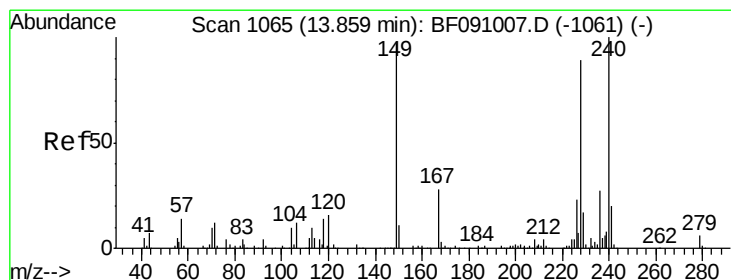
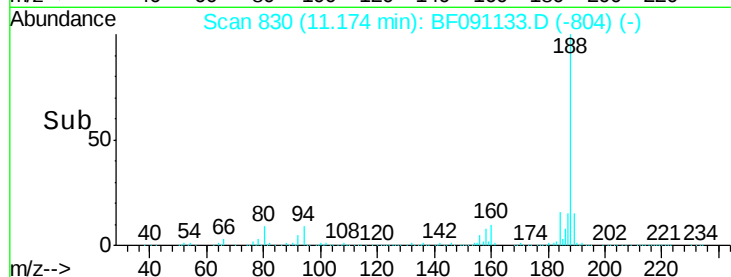
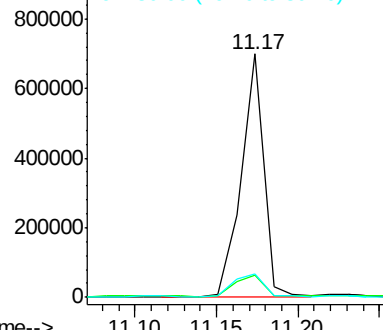
80 9.8 7.5 11.3



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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

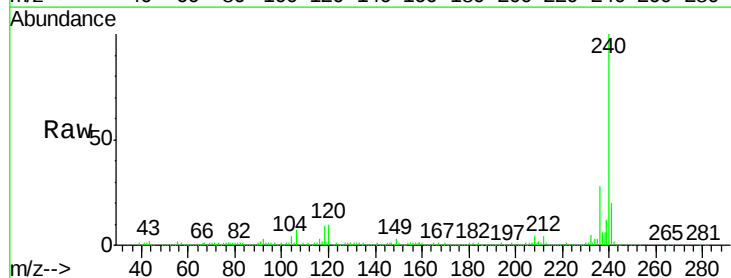
Tgt Ion:240 Resp: 443417

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

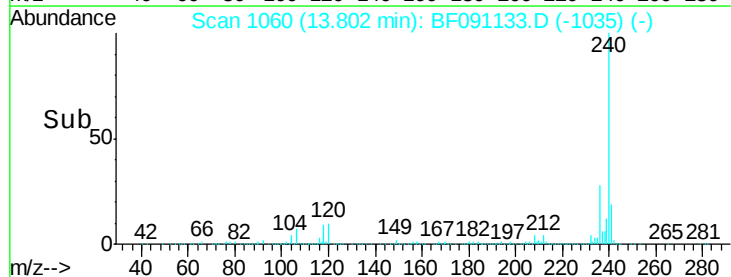
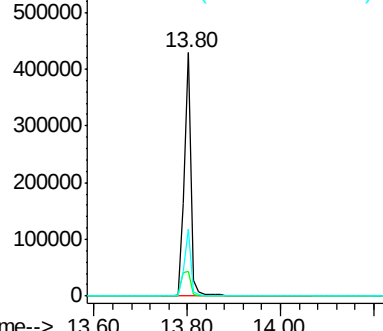
236 27.7 21.9 32.9

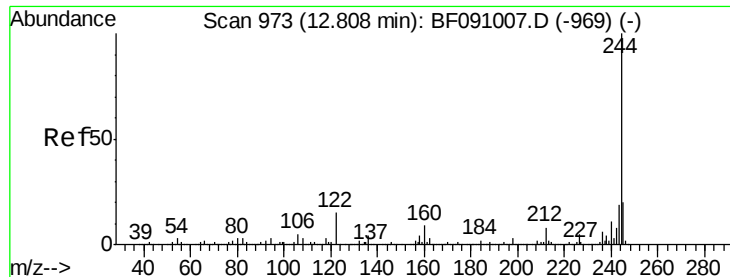


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 112.08 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

Instrument :

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ClientSampleId :

RW-1

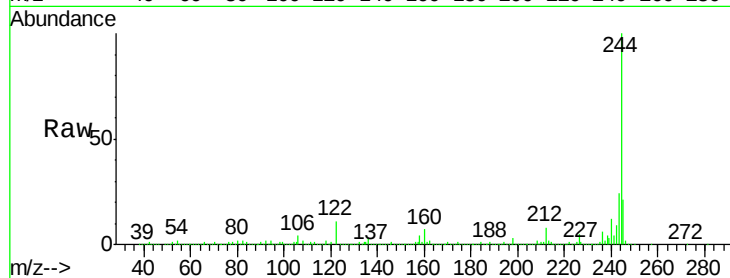
Tot Ion:244 Resp: 1991536

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

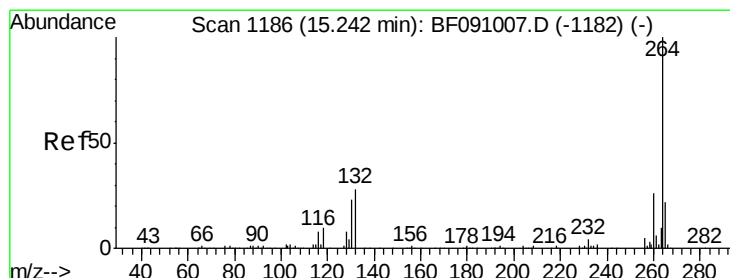
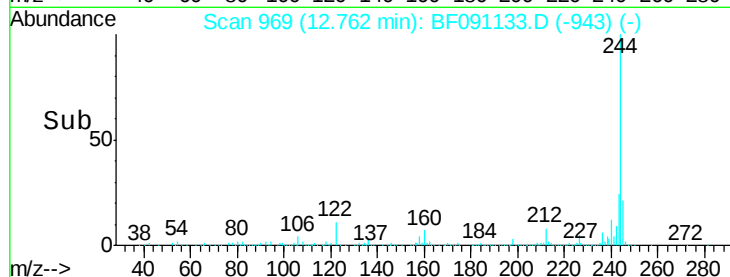
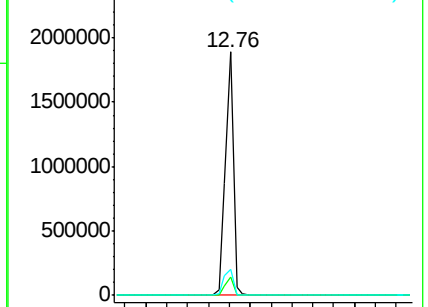
122 10.9 12.3 18.5#



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: 15.17 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

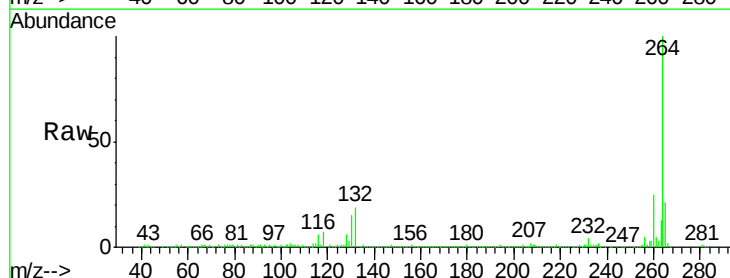
Tgt Ion:264 Resp: 329301

Ion Ratio Lower Upper

264 100

260 25.4 20.6 30.8

265 21.3 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

