

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 22:44:29 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

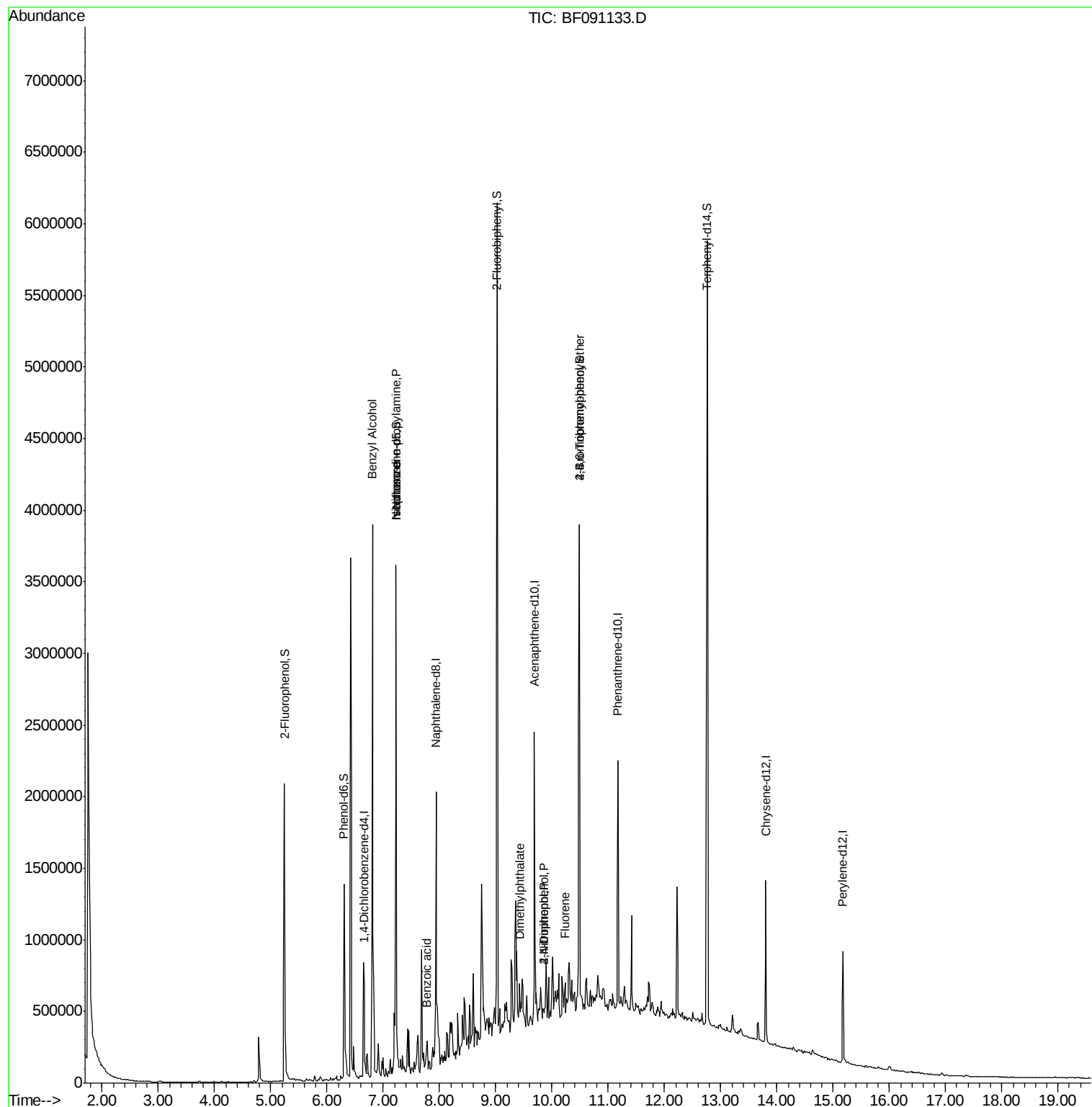
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178151	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	750890	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	405966	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	672400	20.00	ng	0.00
75) Chrysene-d12	13.80	240	443417	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						
15) Benzyl Alcohol	6.81	79	22354	2.16	ng	# 56
19) n-Nitroso-di-n-propylamine	7.23	70	214107	21.10	ng	# 76
25) Isophorone	7.23	82	1344137	50.68	ng	# 67
32) Benzoic acid	7.77	122	1558	5.24	ng	# 1
49) Dimethylphthalate	9.42	163	97760	3.67	ng	99
53) 2,4-Dinitrophenol	9.85	184	3266	7.23	ng	# 30
55) 4-Nitrophenol	9.85	139	2205	6.19	ng	# 31
57) Fluorene	10.24	166	50024	2.06	ng	# 95
66) 4-Bromophenyl-phenylether	10.49	248	39652	5.67	ng	# 1

(#) = 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

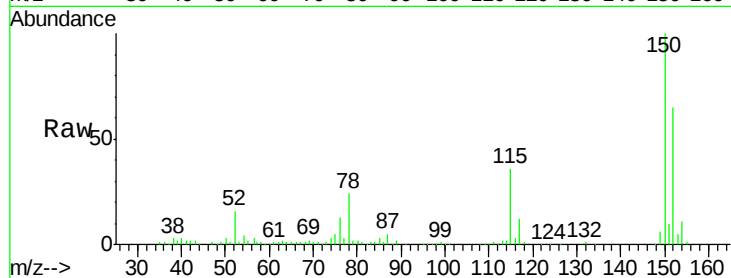
Tgt Ion:152 Resp: 178151

Ion Ratio Lower Upper

152 100

150 153.9 126.8 190.2

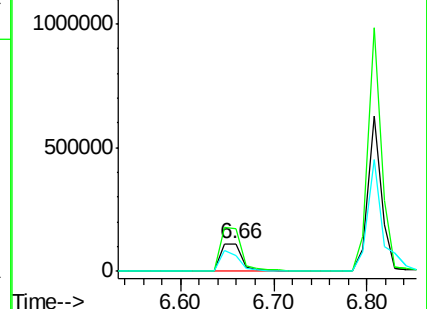
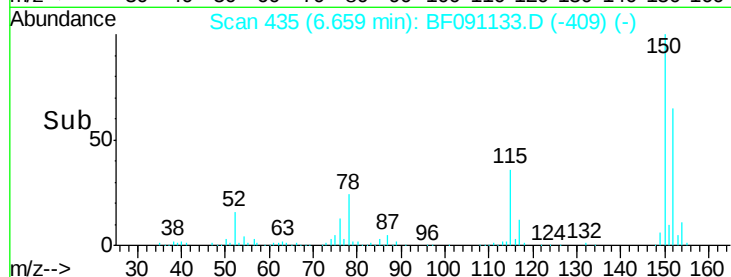
115 55.5 53.3 79.9



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

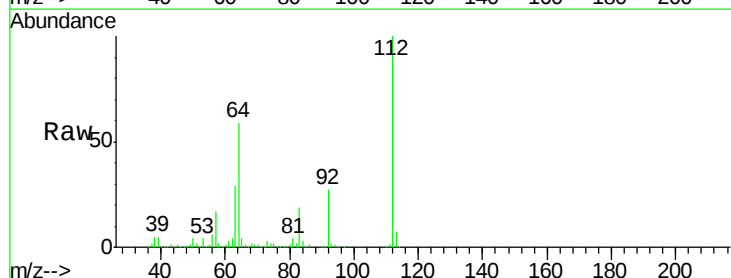
Tgt Ion:112 Resp: 698086

Ion Ratio Lower Upper

112 100

64 59.5 55.8 83.6

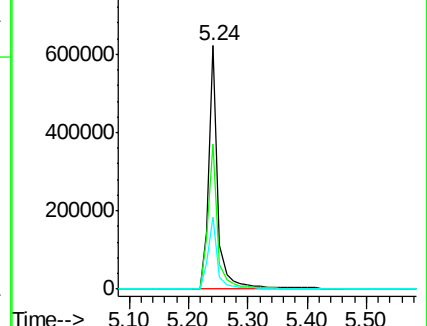
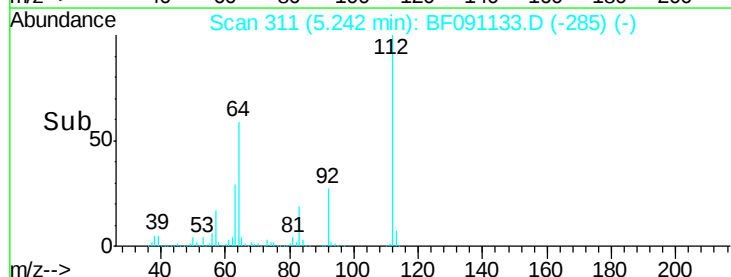
63 29.5 28.0 42.0



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

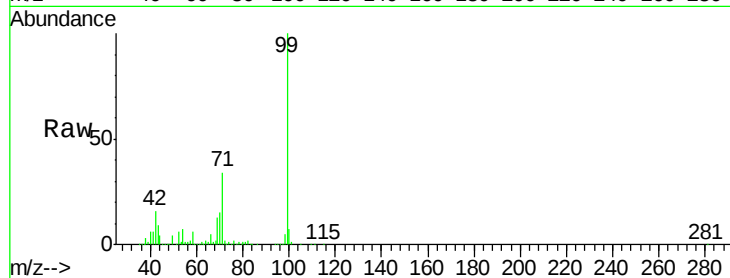
Tgt Ion: 99 Resp: 625426

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

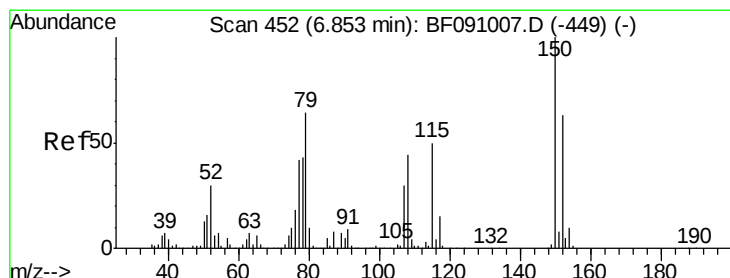
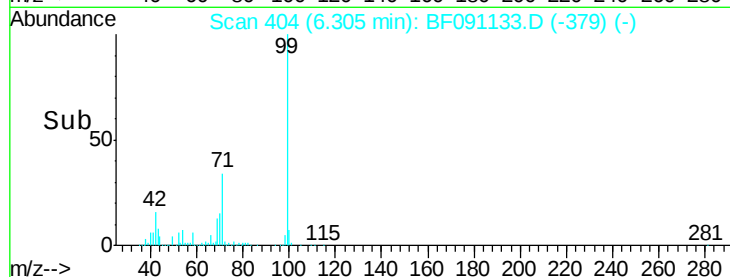
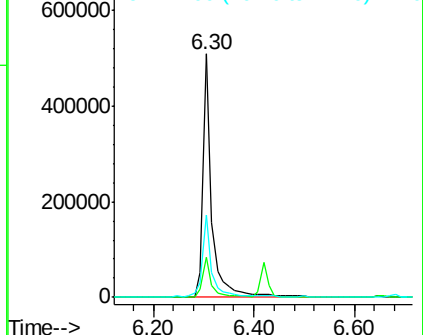
71 33.8 27.8 41.8



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

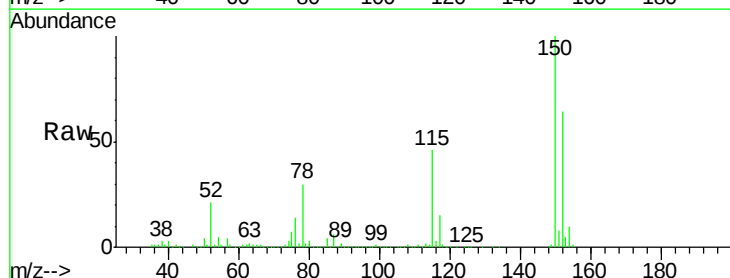
Tgt Ion: 79 Resp: 22354

Ion Ratio Lower Upper

79 100

108 27.0 55.7 83.5#

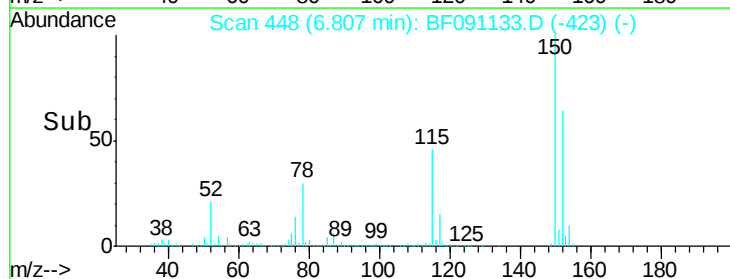
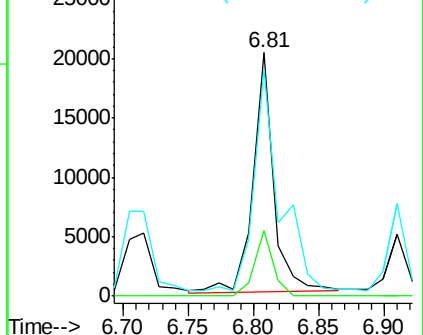
77 93.4 52.6 79.0#

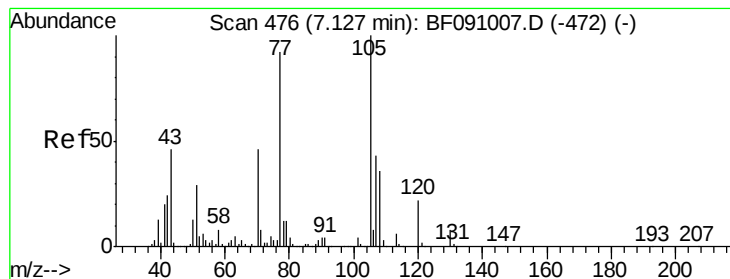


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 21.10 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

Instrument :

BNA_F

ClientSampleId :

RW-1

Tgt Ion: 70 Resp: 214107

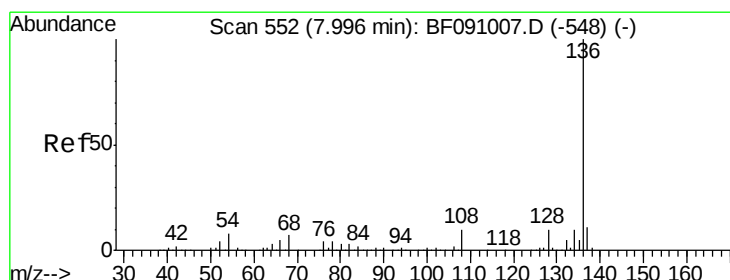
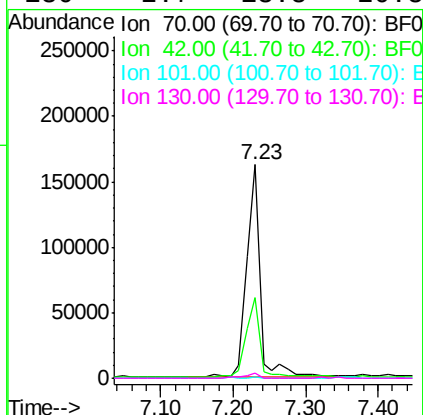
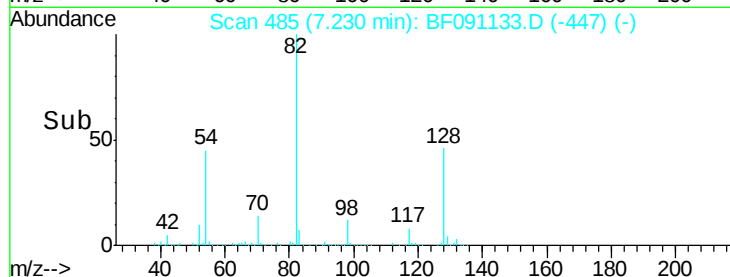
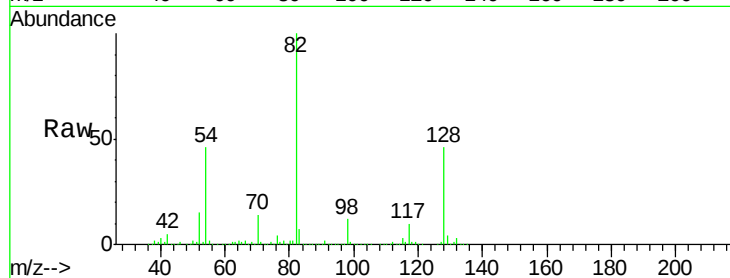
Ion Ratio Lower Upper

70 100

42 37.6 41.7 62.5#

101 0.4 6.7 10.1#

130 2.7 13.8 20.8#



#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

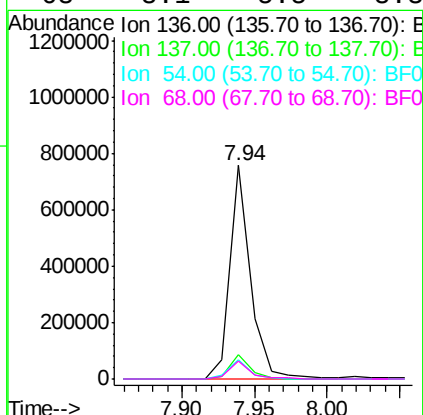
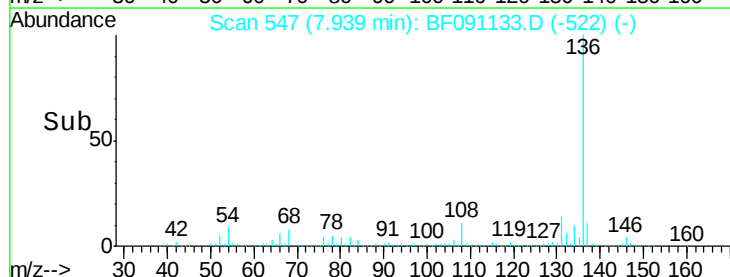
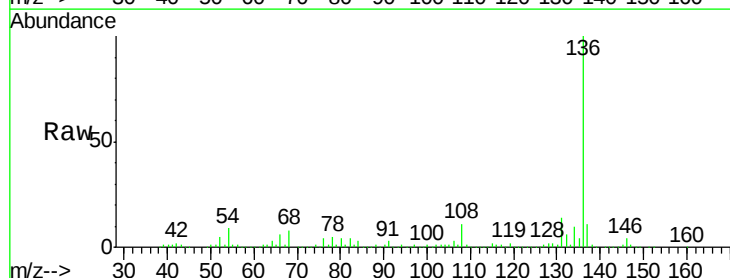
Ion Ratio Lower Upper

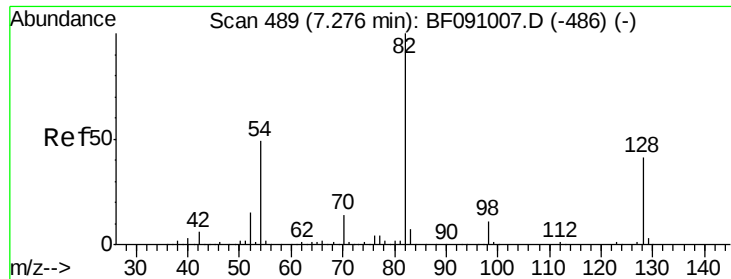
136 100

137 11.4 8.9 13.3

54 9.3 6.2 9.2#

68 8.1 5.5 8.3

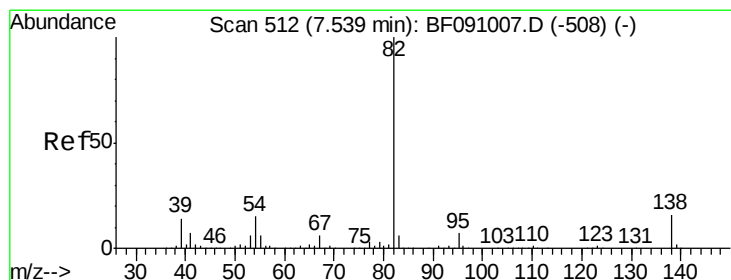
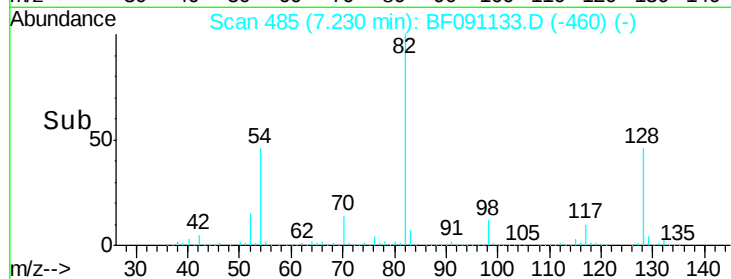
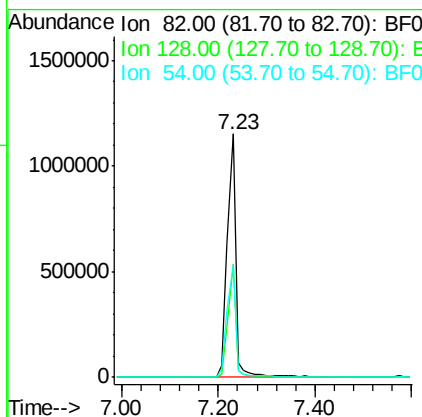
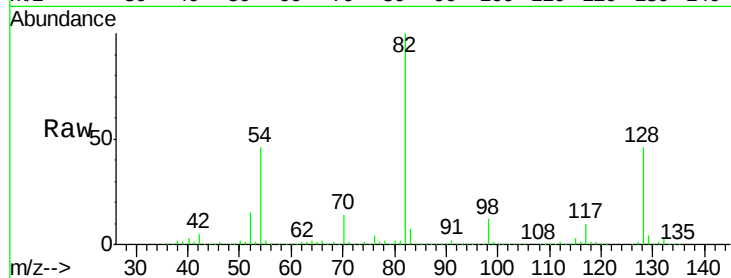




#23
Nitrobenzene-d5
Concen: 103.39 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

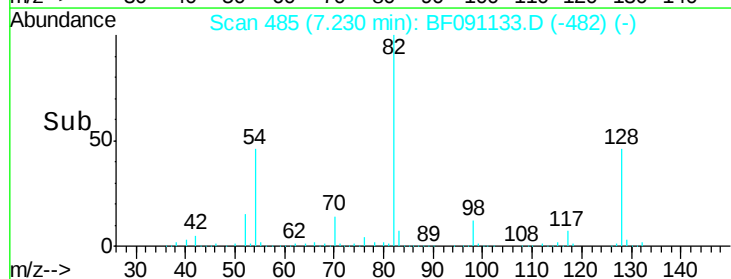
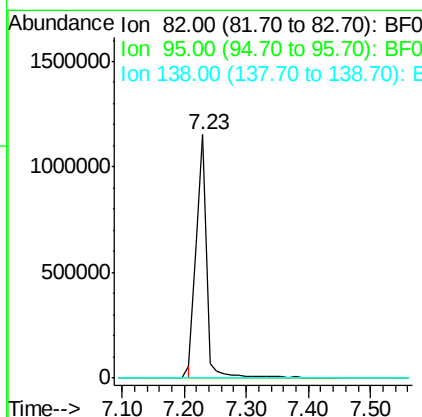
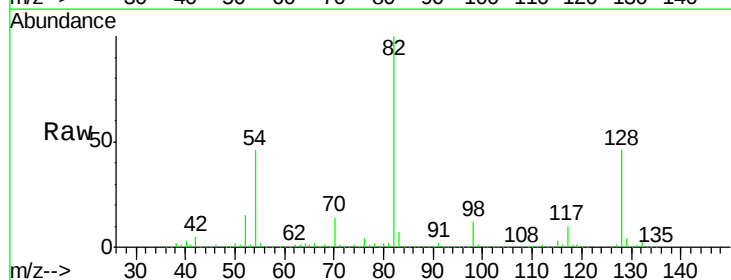
Instrument :
BNA_F
ClientSampleId :
RW-1

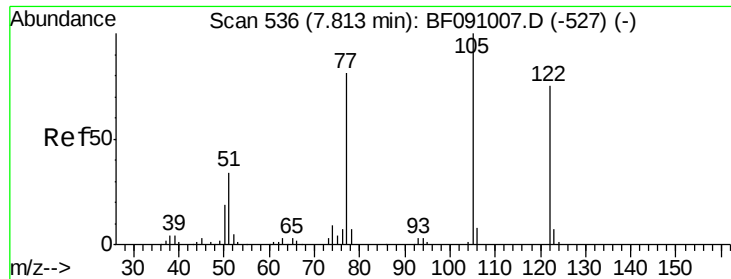
Tgt Ion: 82 Resp: 1423123
Ion Ratio Lower Upper
82 100
128 46.3 32.4 48.6
54 46.2 39.2 58.8



#25
Isophorone
Concen: 50.68 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Tgt Ion: 82 Resp: 1344137
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 13.0 19.4#





#32

Benzoic acid

Concen: 5.24 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

Instrument :

BNA_F

ClientSampleId :

RW-1

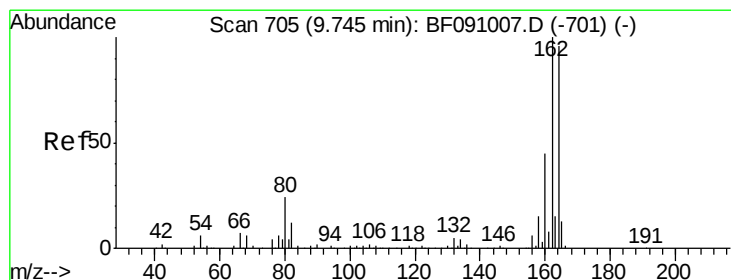
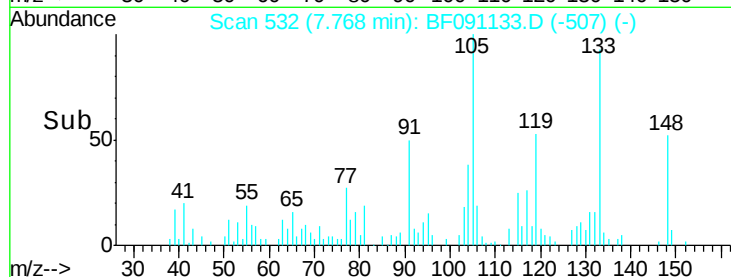
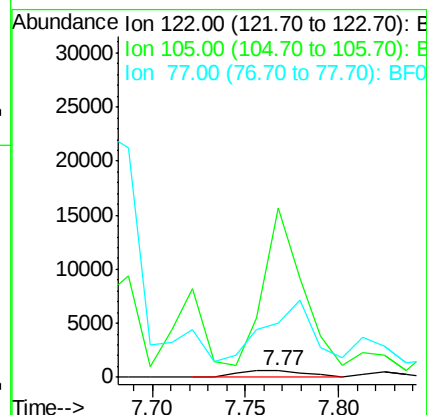
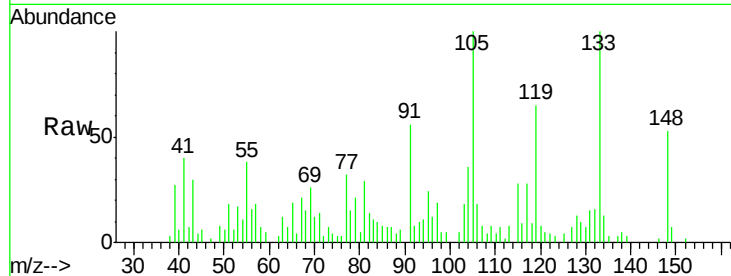
Tgt Ion:122 Resp: 1558

Ion Ratio Lower Upper

122 100

105 2563.8 105.9 145.9#

77 819.6 84.0 124.0#



#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

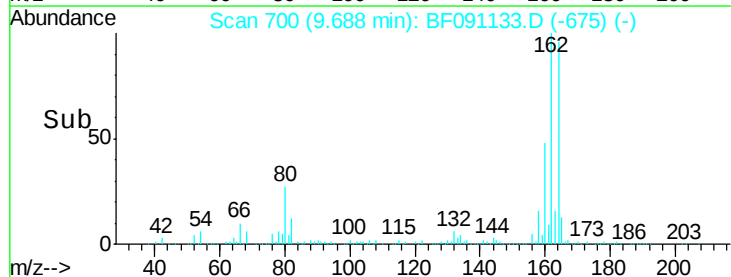
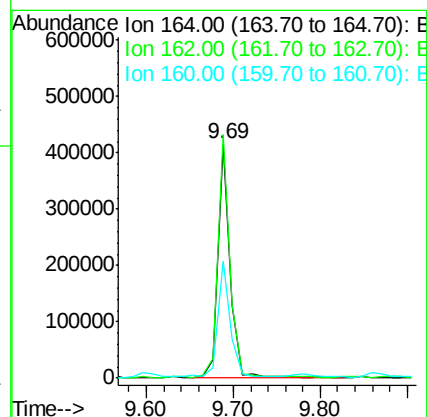
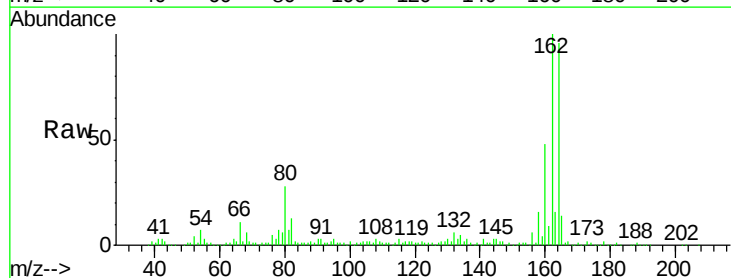
Tgt Ion:164 Resp: 405966

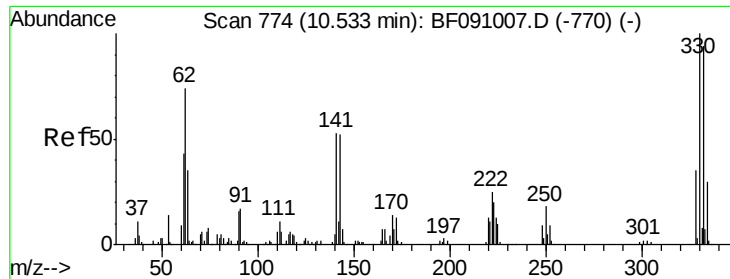
Ion Ratio Lower Upper

164 100

162 104.2 83.6 125.4

160 49.8 37.9 56.9

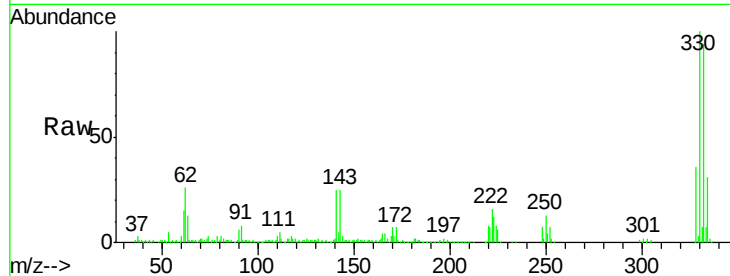




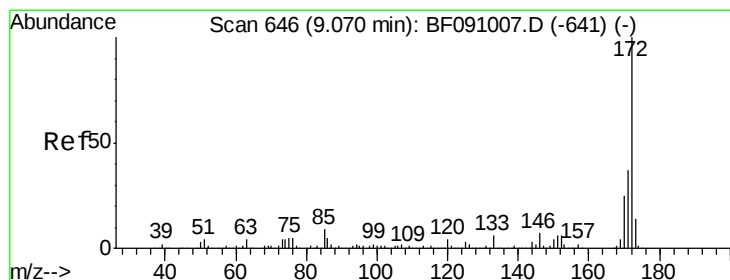
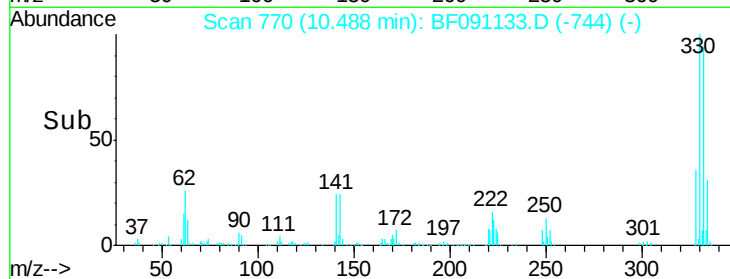
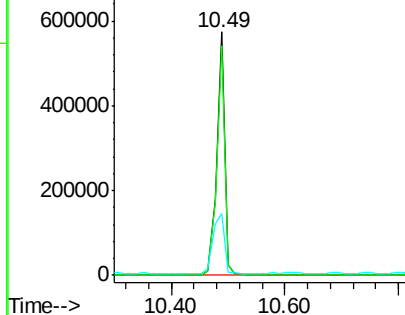
#41
 2,4,6-Tribromophenol
 Concen: 151.34 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091133.D
 Acq: 9 Nov 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion:330 Resp: 555456
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 36.4 36.1 54.1

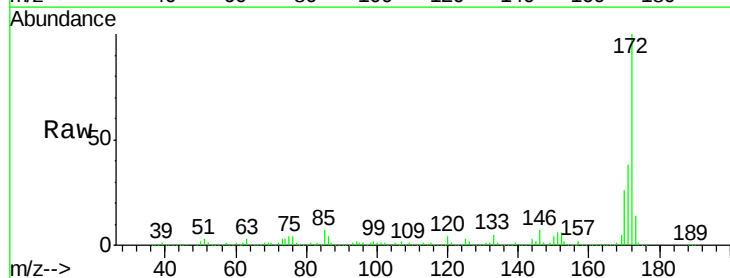


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

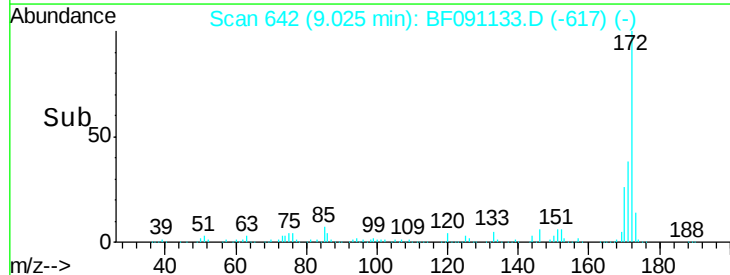
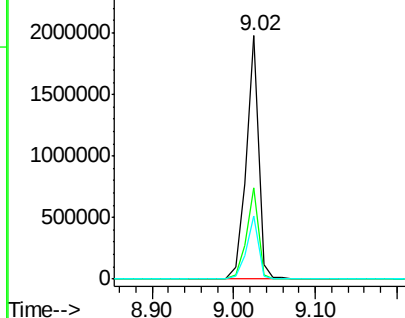


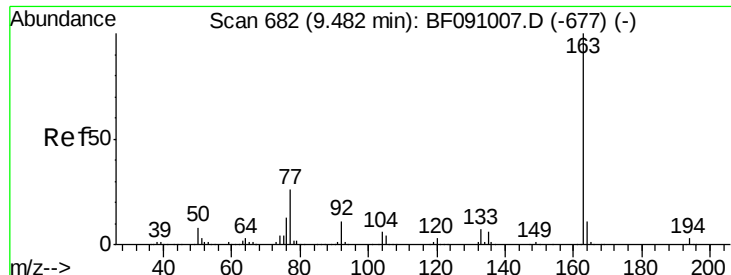
#44
 2-Fluorobiphenyl
 Concen: 87.64 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091133.D
 Acq: 9 Nov 2016 19:23

Tgt Ion:172 Resp: 2066490
 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

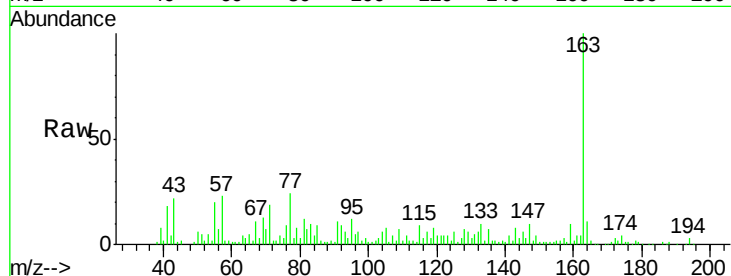




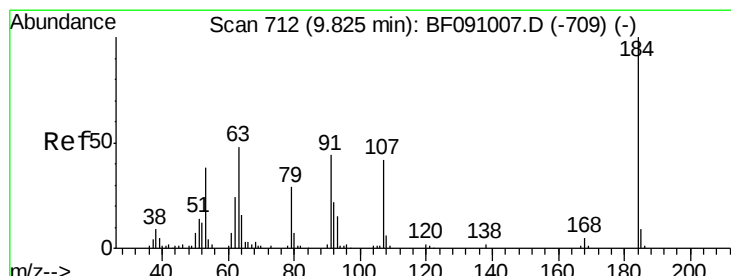
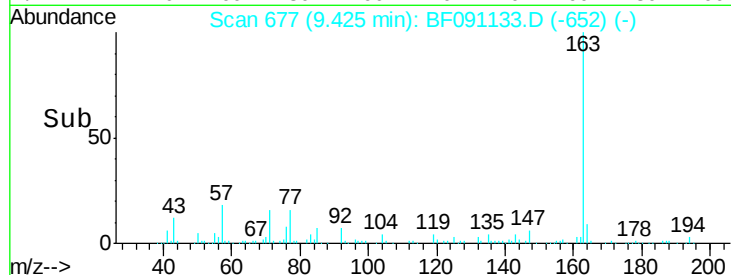
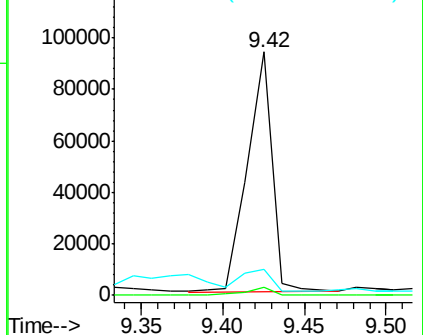
#49
Dimethylphthalate
Concen: 3.67 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Instrument :
BNA_F
ClientSampleId :
RW-1

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

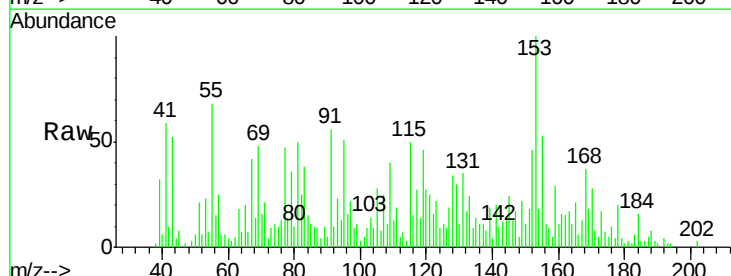


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

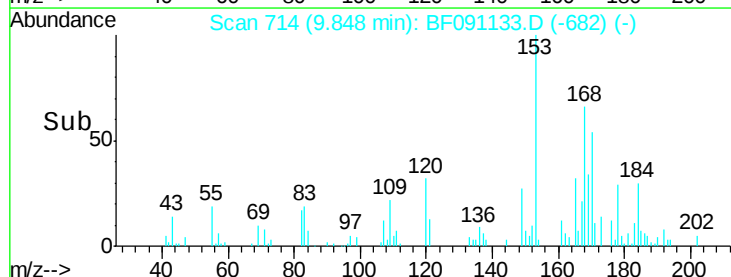
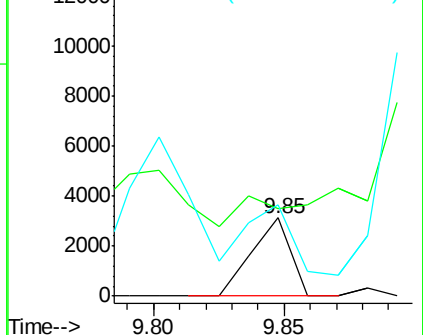


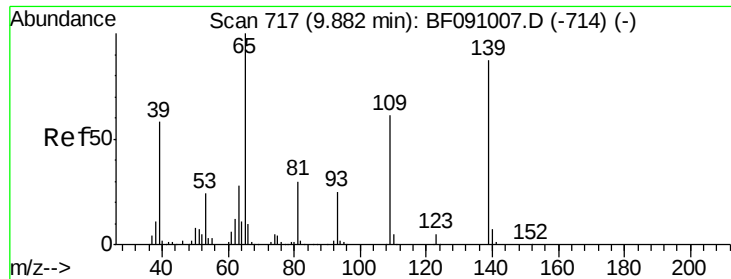
#53
2,4-Dinitrophenol
Concen: 7.23 ng
RT: 9.85 min Scan# 714
Delta R.T. 0.07 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Tgt Ion:184 Resp: 3266
Ion Ratio Lower Upper
184 100
63 111.6 45.5 68.3#
154 115.9 51.0 76.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 6.19 ng

RT: 9.85 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF091133.D

Acq: 9 Nov 2016 19:23

Instrument :

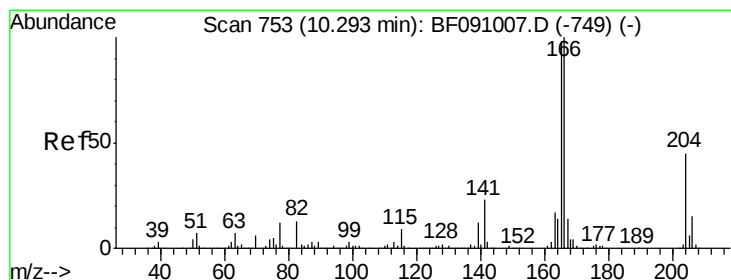
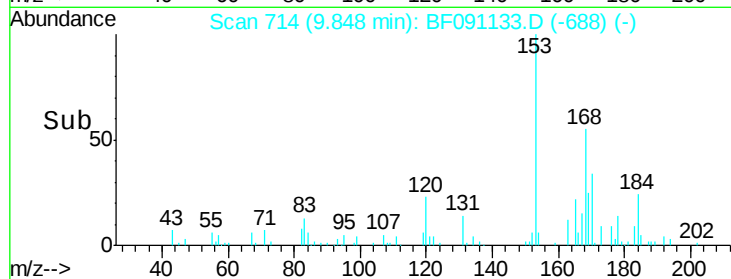
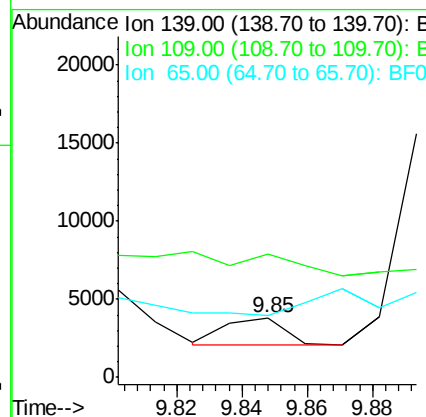
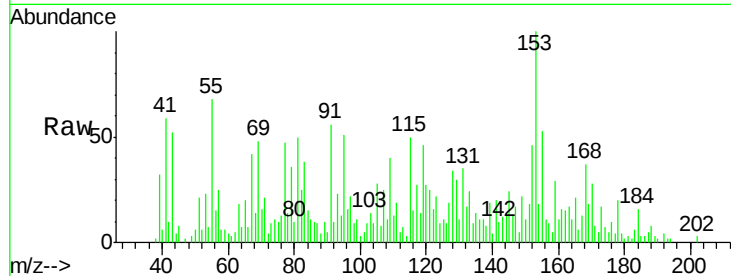
BNA_F

ClientSampleId :

RW-1

Tgt Ion:139 Resp: 2205

Ion	Ratio	Lower	Upper
139	100		
109	206.3	50.5	90.5#
65	104.4	97.1	137.1



#57

Fluorene

Concen: 2.06 ng

RT: 10.24 min Scan# 748

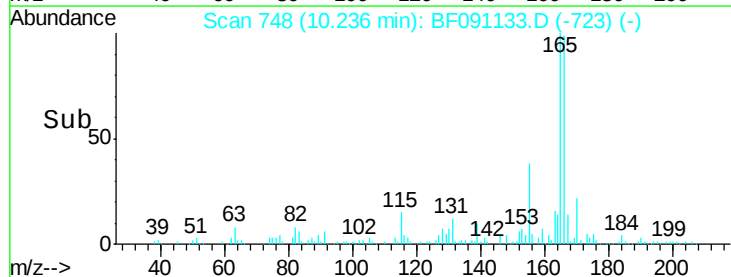
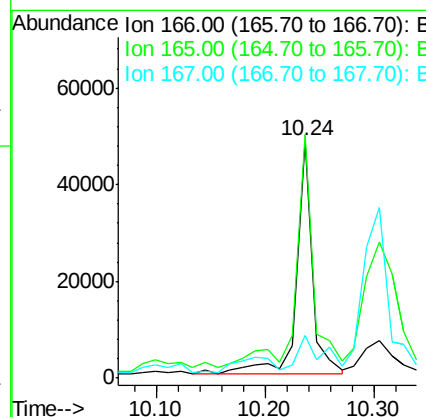
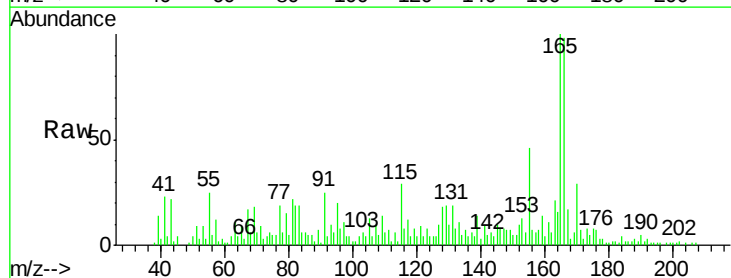
Delta R.T. -0.01 min

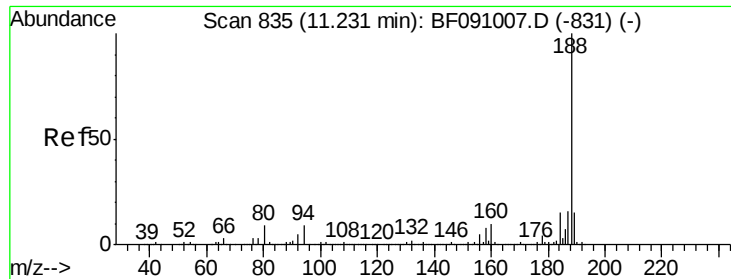
Lab File: BF091133.D

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#

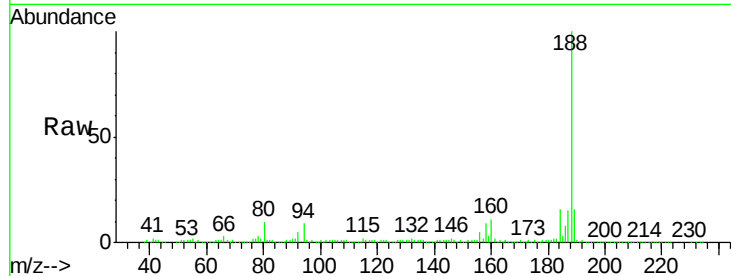




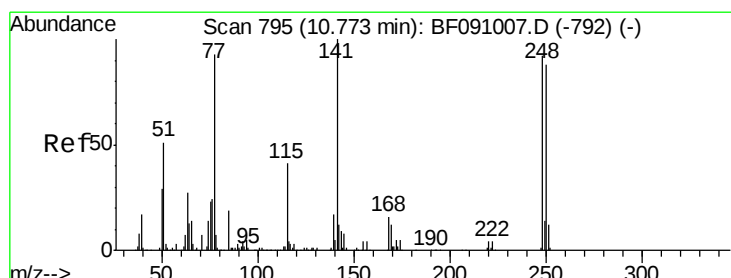
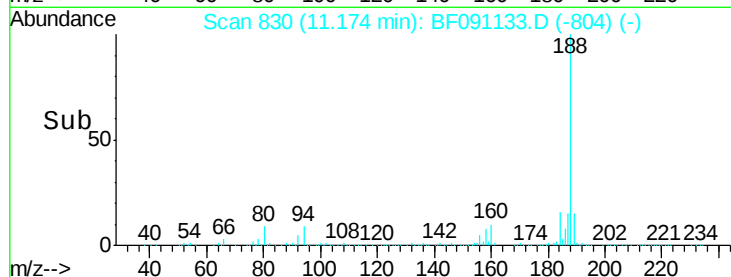
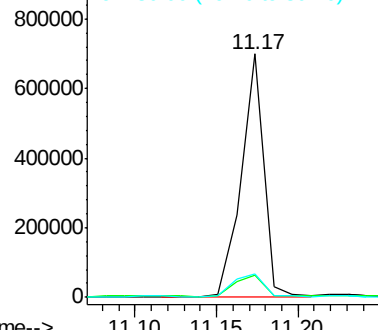
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion:188 Resp: 672400
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.8 7.5 11.3

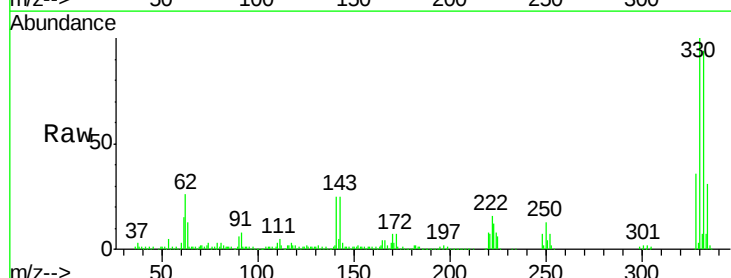


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

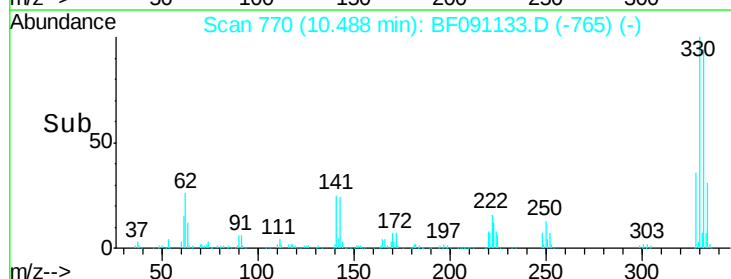
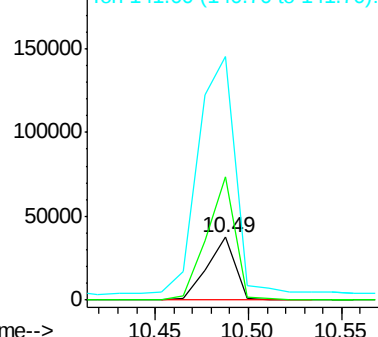


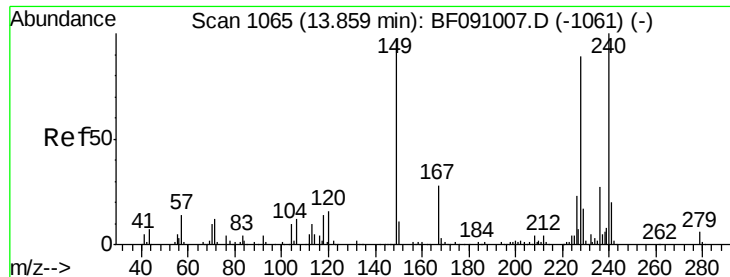
#66
4-Bromophenyl-phenylether
Concen: 5.67 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091133.D
Acq: 9 Nov 2016 19:23

Tgt Ion:248 Resp: 39652
Ion Ratio Lower Upper
248 100
250 196.5 76.3 114.5#
141 389.1 86.8 130.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

RW-1

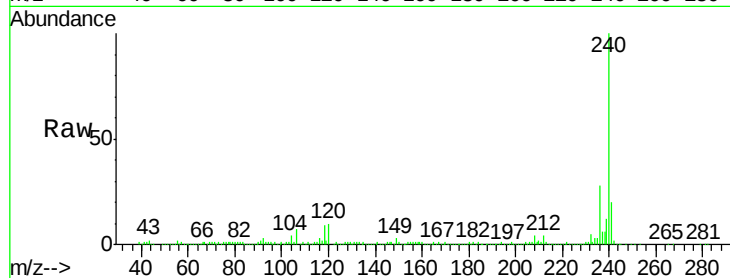
Tgt Ion:240 Resp: 443417

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

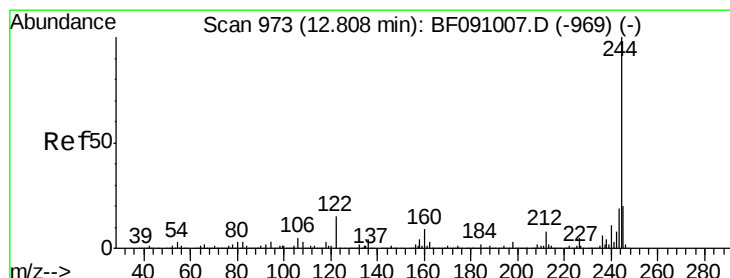
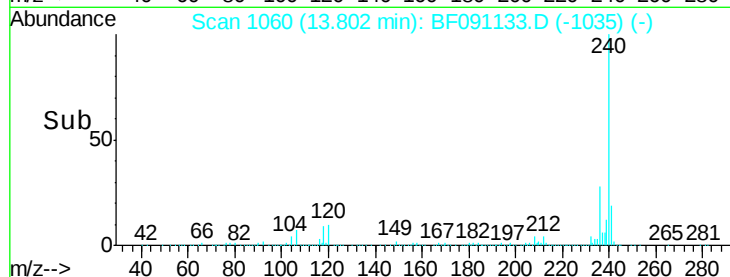
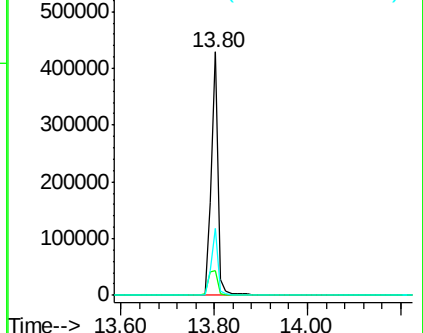
236 27.7 21.9 32.9



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

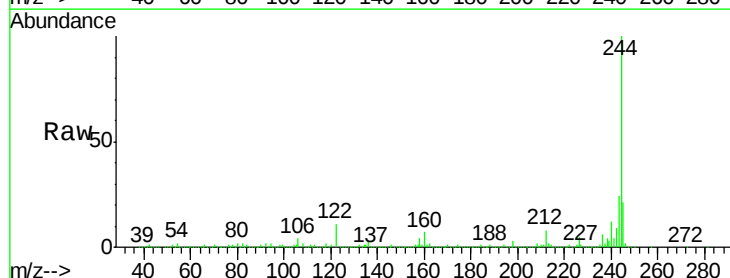
Tgt Ion:244 Resp: 1991536

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

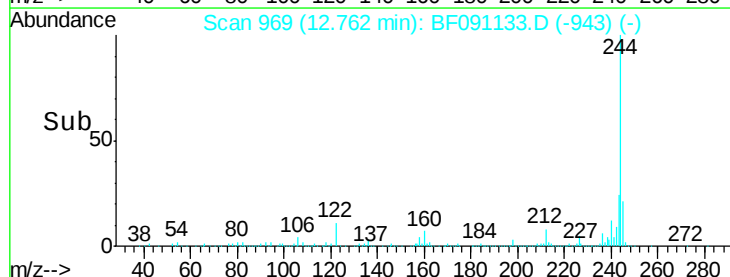
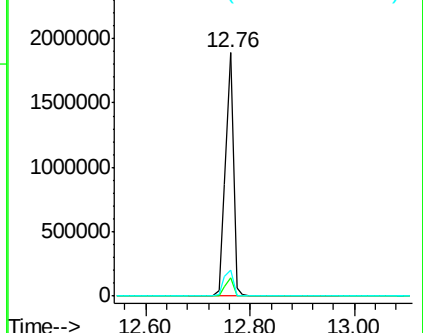
122 10.9 12.3 18.5#

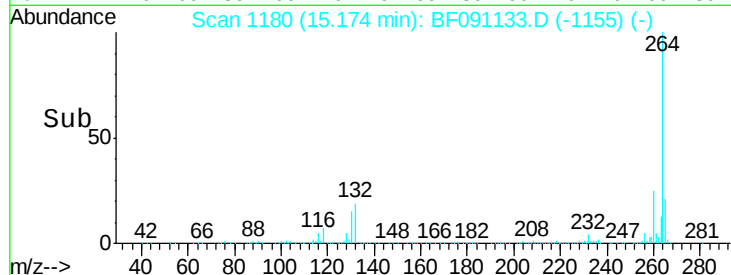
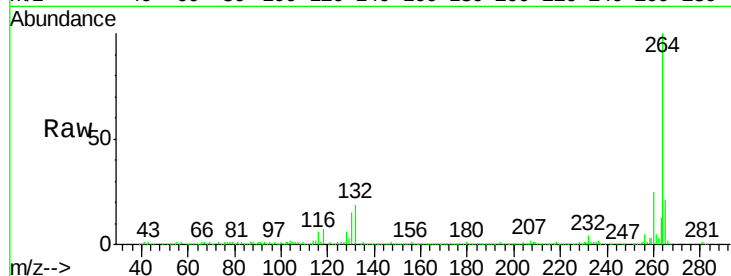
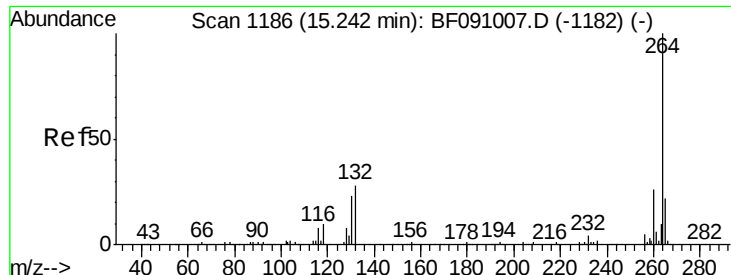


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_F
ClientSampleId :
RW-1

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

