

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091132.D
 Acq On : 9 Nov 2016 18:56
 Operator : UM/SJ
 Sample : H5579-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Quant Time: Nov 09 22:44:14 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	6.65	152	178391	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	781226	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	408065	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	653075	20.00	ng	0.00
75) Chrysene-d12	13.80	240	501747	20.00	ng	-0.01
86) Perylene-d12	15.17	264	359934	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	747697	69.22	ng	0.00
7) Phenol-d6	6.30	99	667350	45.52	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1351099	94.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	607047	164.55	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2214732	93.44	ng	-0.01
78) Terphenyl-d14	12.76	244	2229445	110.88	ng	0.00

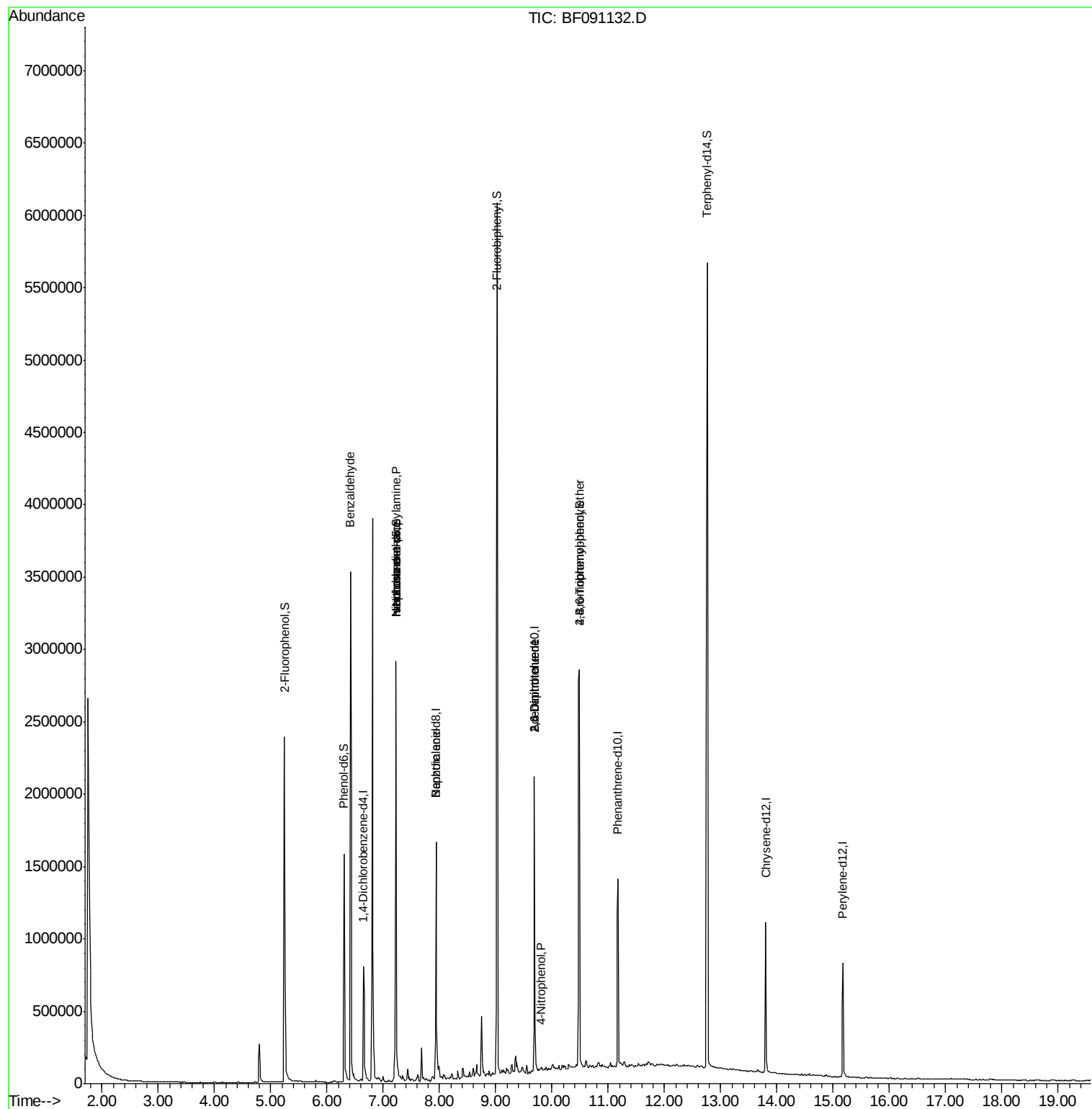
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	28020	3.44	ng	84
18) Hexachloroethane	7.23	117	52637	9.73	ng	# 5
19) n-Nitroso-di-n-propylamine	7.23	70	186085	18.32	ng	# 74
25) Isophorone	7.23	82	1276267	46.25	ng	# 67
32) Benzoic acid	7.94	122	211	5.10	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	55711	9.72	ng	# 12
55) 4-Nitrophenol	9.80	139	757	5.89	ng	# 1
56) 2,4-Dinitrotoluene	9.69	165	56628	7.76	ng	# 27
66) 4-Bromophenyl-phenylether	10.49	248	40221	5.92	ng	# 1

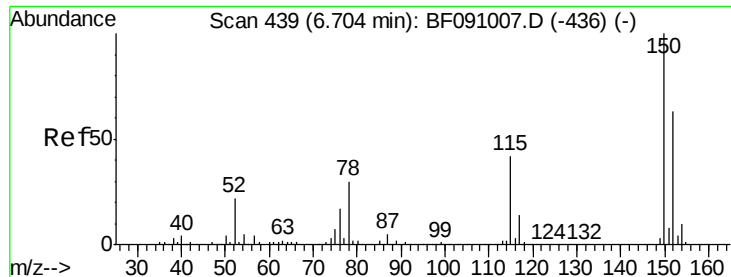
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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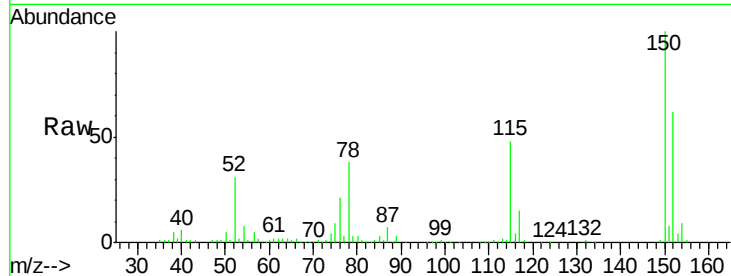


#1

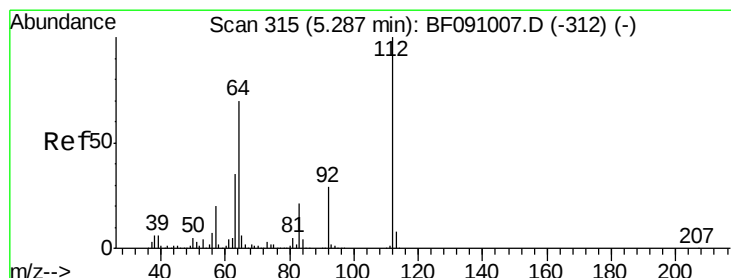
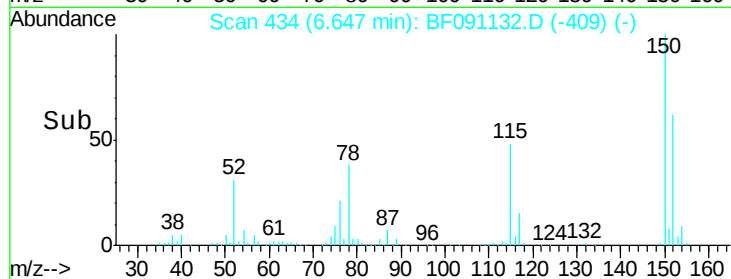
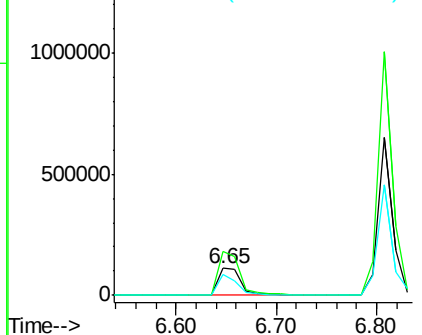
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF091132.D
 Acq: 9 Nov 2016 18:56

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Tgt Ion:152 Resp: 178391
 Ion Ratio Lower Upper
 152 100
 150 161.6 126.8 190.2
 115 77.8 53.3 79.9



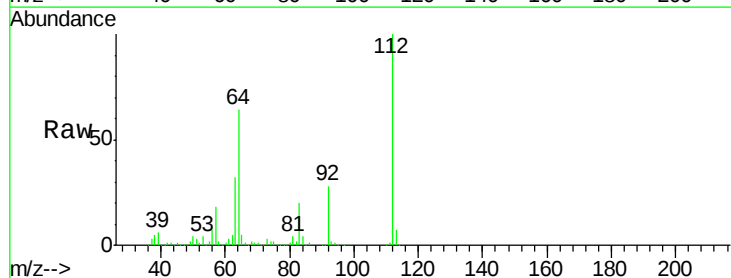
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



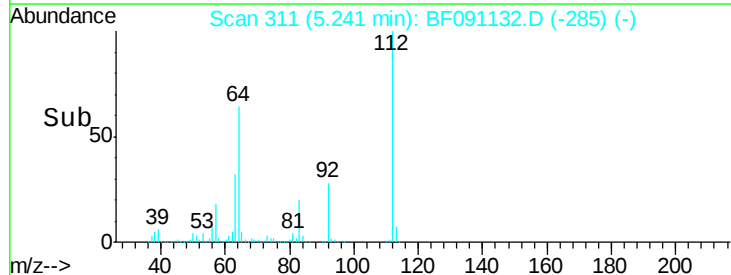
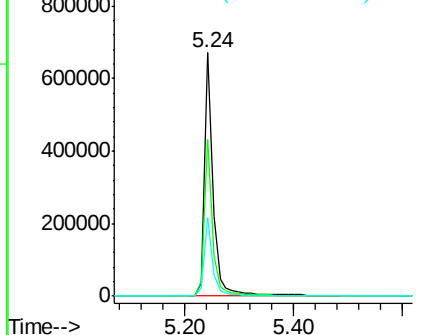
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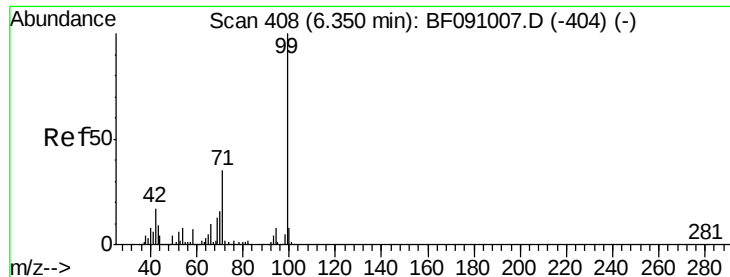
2-Fluorophenol
 Concen: 69.22 ng
 RT: 5.24 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: BF091132.D
 Acq: 9 Nov 2016 18:56

Tgt Ion:112 Resp: 747697
 Ion Ratio Lower Upper
 112 100
 64 64.2 55.8 83.6
 63 32.4 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: 45.52 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

Instrument :

BNA_F

ClientSampleId :

RW-3

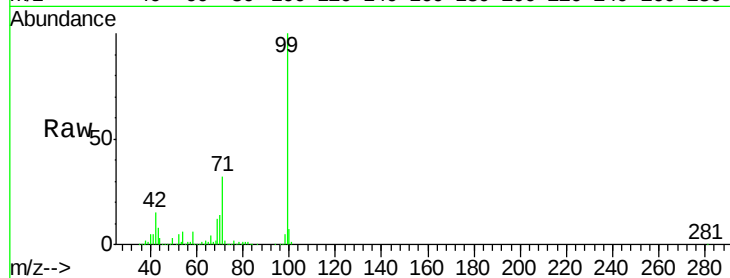
Tgt Ion: 99 Resp: 667350

Ion Ratio Lower Upper

99 100

42 14.7 13.9 20.9

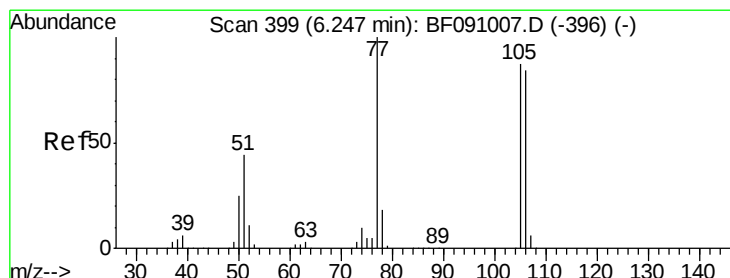
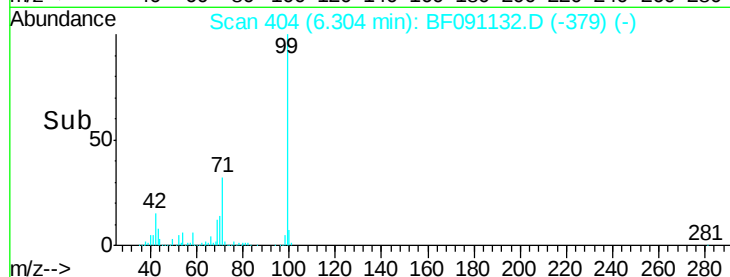
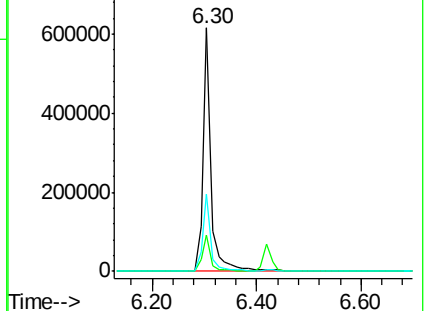
71 31.8 27.8 41.8



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



#9

Benzaldehyde

Concen: 3.44 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.22 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

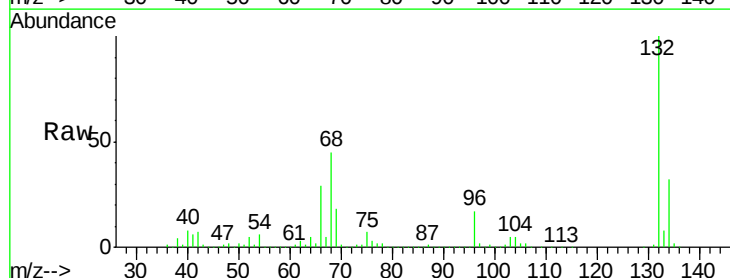
Tgt Ion: 77 Resp: 28020

Ion Ratio Lower Upper

77 100

105 74.2 66.8 106.8

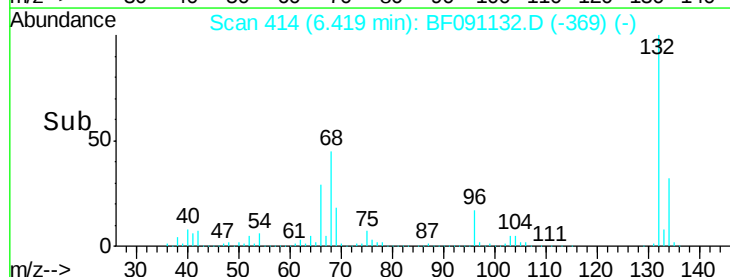
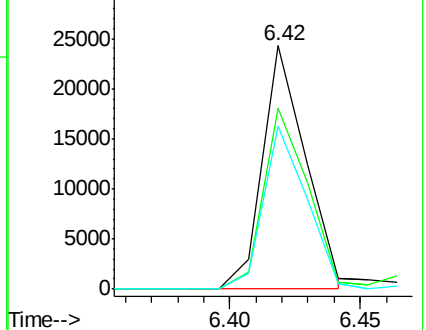
106 66.8 64.0 104.0

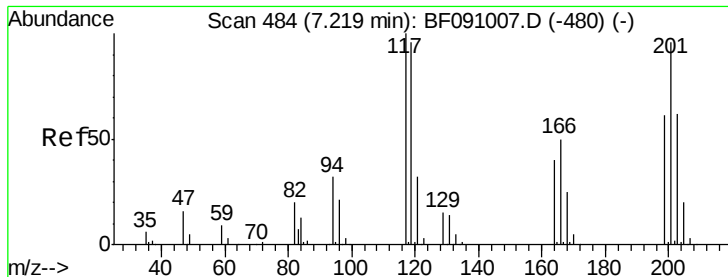


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

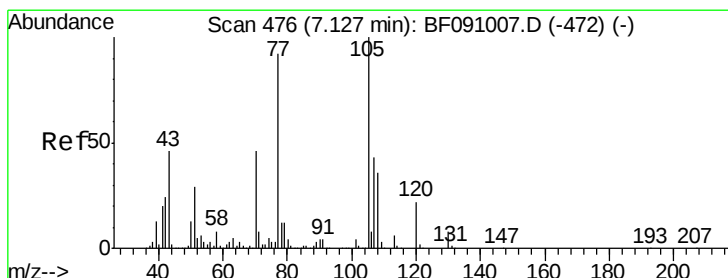
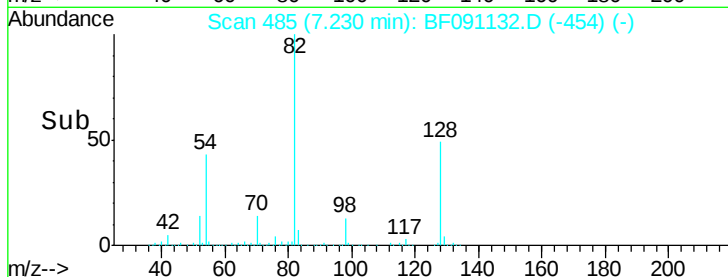
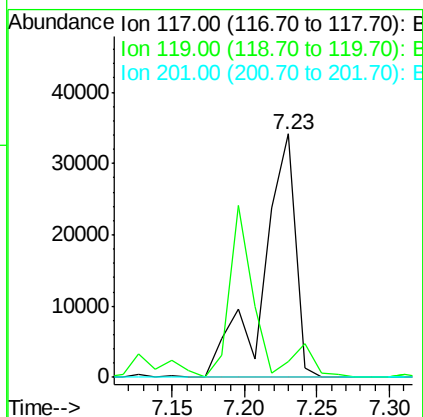
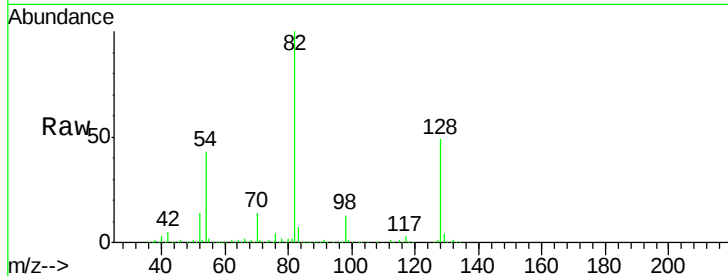




#18
Hexachloroethane
Concen: 9.73 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.06 min
Lab File: BF091132.D
Acq: 9 Nov 2016 18:56

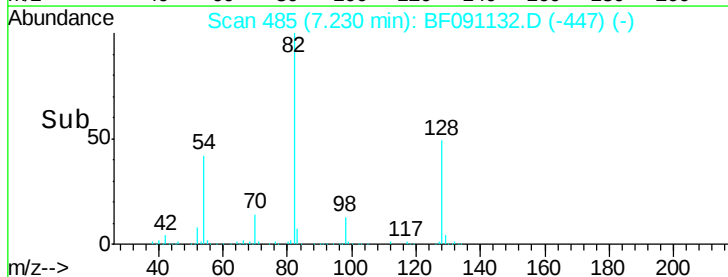
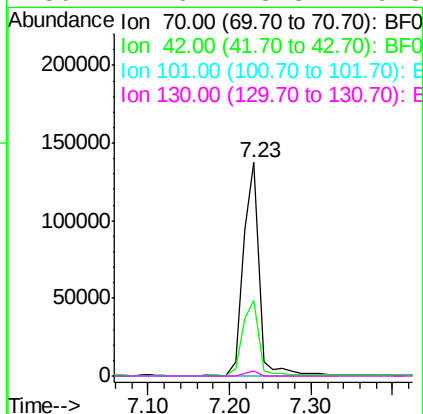
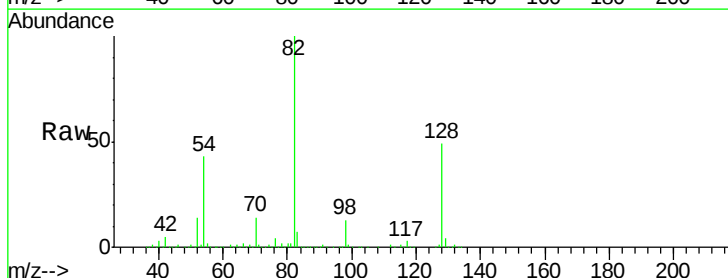
Instrument :
BNA_F
ClientSampleId :
RW-3

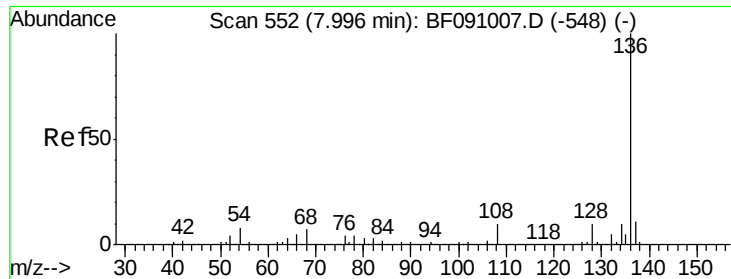
Tgt Ion: 117 Resp: 52637
Ion Ratio Lower Upper
117 100
119 6.3 76.6 115.0#
201 0.0 77.1 115.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.32 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091132.D
Acq: 9 Nov 2016 18:56

Tgt Ion: 70 Resp: 186085
Ion Ratio Lower Upper
70 100
42 35.5 41.7 62.5#
101 0.0 6.7 10.1#
130 2.6 13.8 20.8#

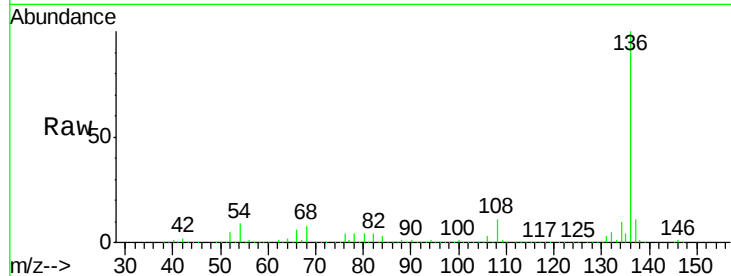




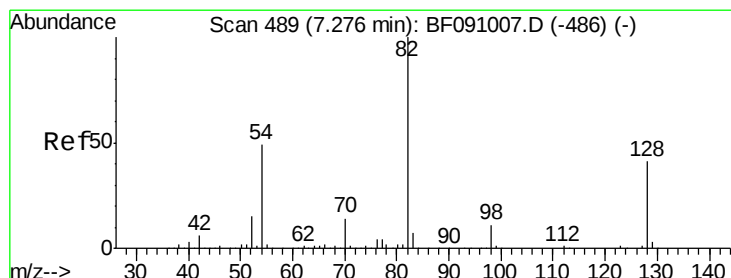
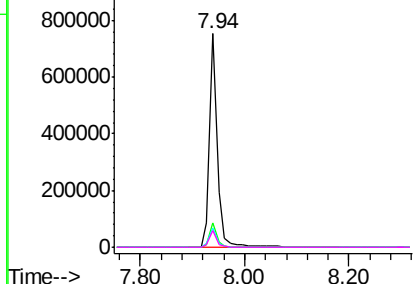
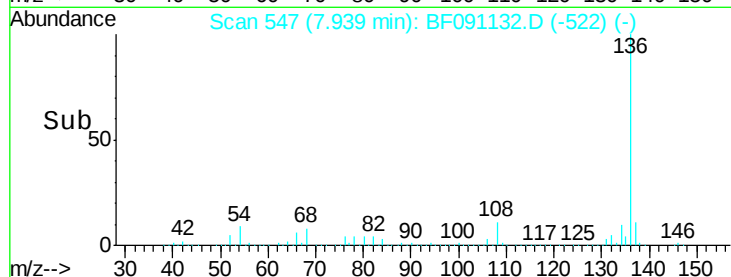
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF091132.D
Acq: 9 Nov 2016 18:56

Instrument :
BNA_F
ClientSampleID :
RW-3

Tgt Ion:	136	Resp:	781226
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.1	6.2	9.2
68	7.9	5.5	8.3

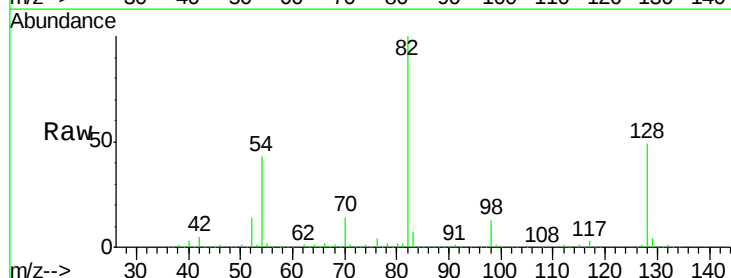


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

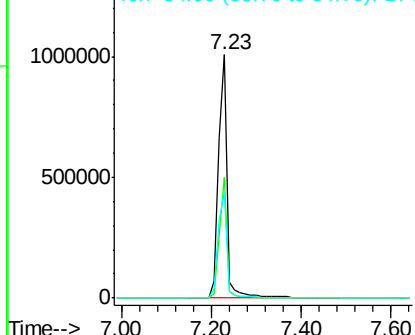
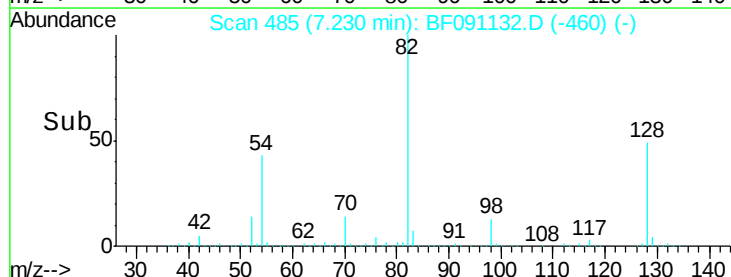


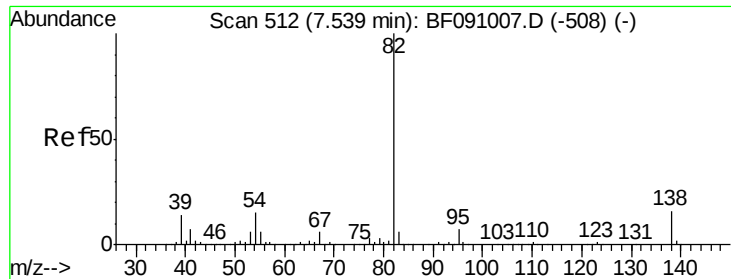
#23
Nitrobenzene-d5
Concen: 94.34 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091132.D
Acq: 9 Nov 2016 18:56

Tgt Ion:	82	Resp:	1351099
Ion	Ratio	Lower	Upper
82	100		
128	49.5	32.4	48.6#
54	43.5	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





#25

Isophorone

Concen: 46.25 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

Instrument :

BNA_F

ClientSampled :

RW-3

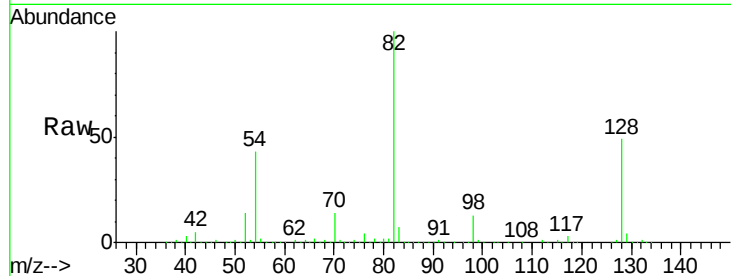
Tgt Ion: 82 Resp: 1276267

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

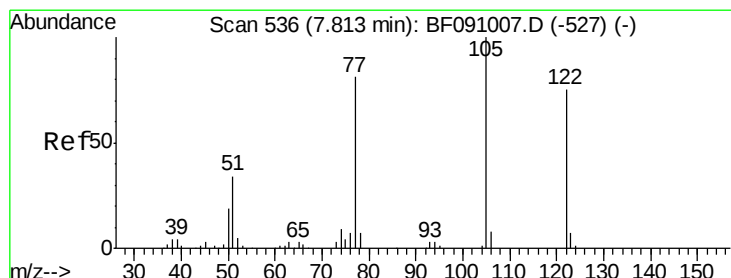
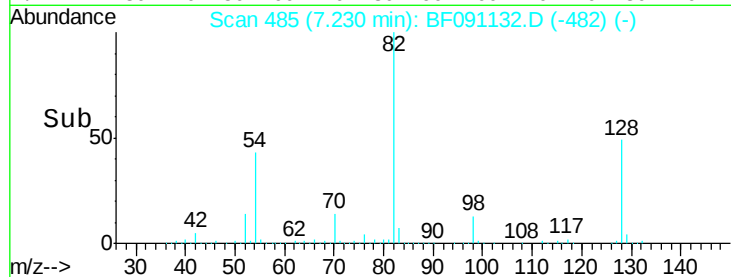
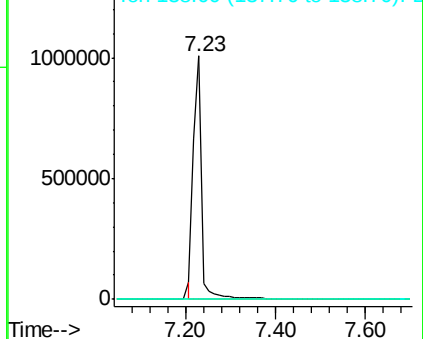
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 5.10 ng

RT: 7.94 min Scan# 547

Delta R.T. 0.16 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

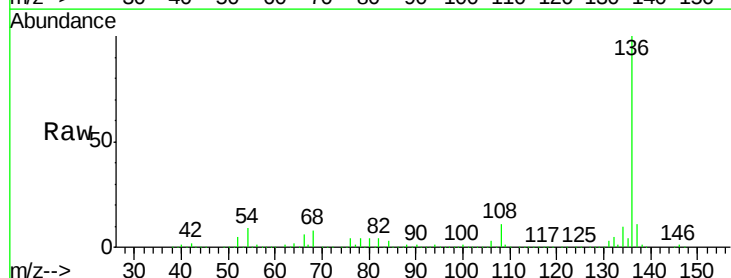
Tgt Ion: 122 Resp: 211

Ion Ratio Lower Upper

122 100

105 569.4 105.9 145.9#

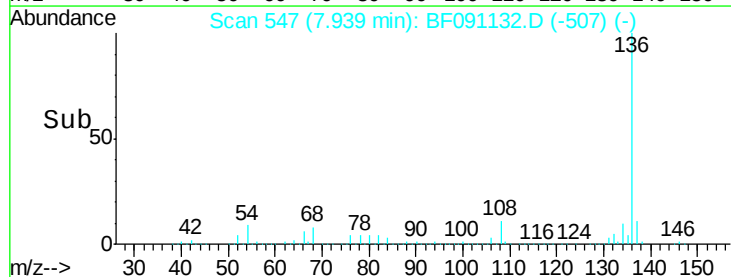
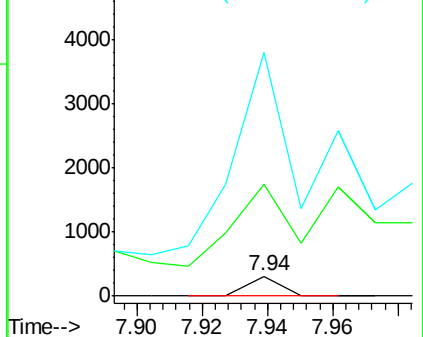
77 1237.1 84.0 124.0#

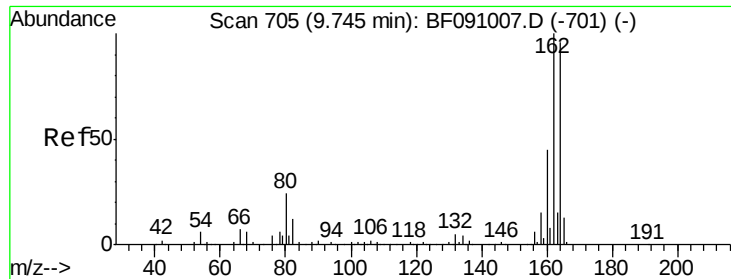


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

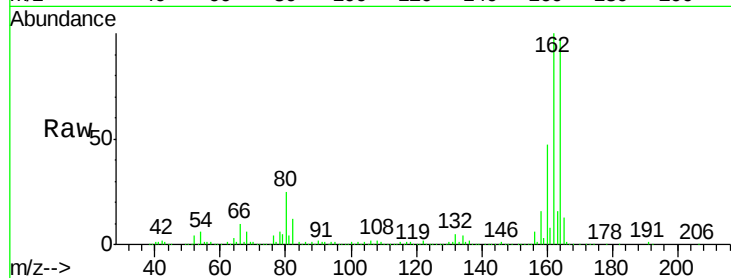




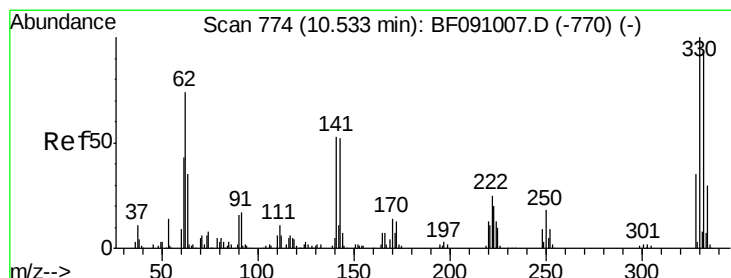
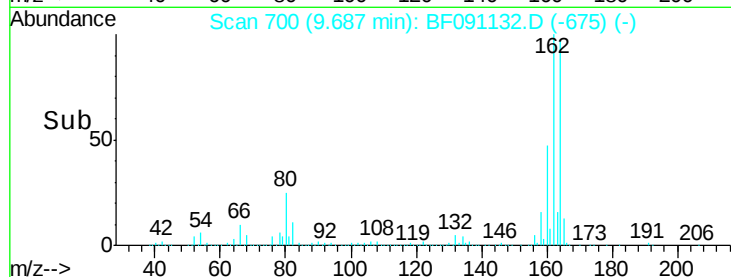
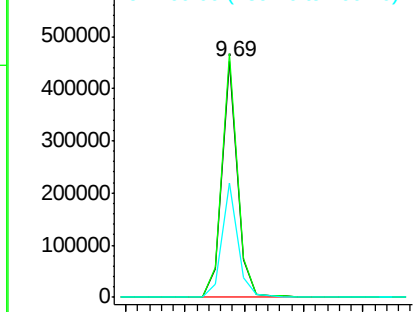
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF091132.D
 Acq: 9 Nov 2016 18:56

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Tgt Ion:164 Resp: 408065
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.6 125.4
 160 48.7 37.9 56.9

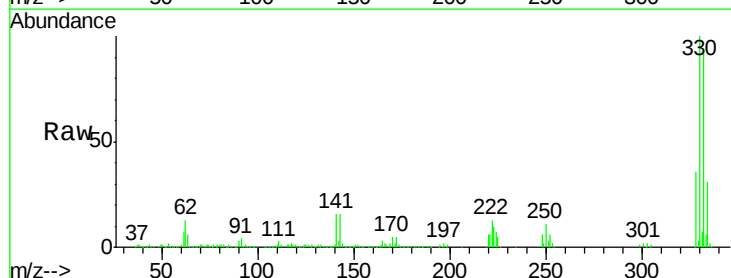


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

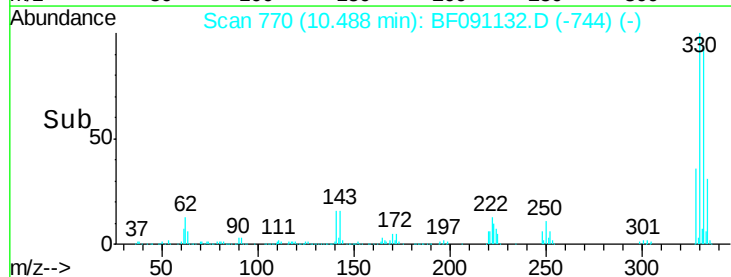
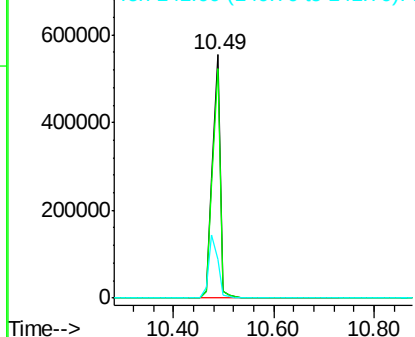


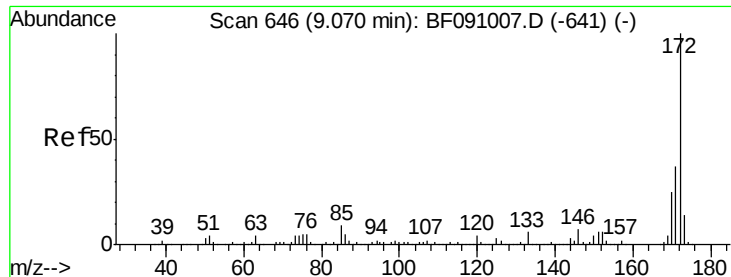
#41
 2,4,6-Tribromophenol
 Concen: 164.55 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091132.D
 Acq: 9 Nov 2016 18:56

Tgt Ion:330 Resp: 607047
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.9 113.9
 141 30.7 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

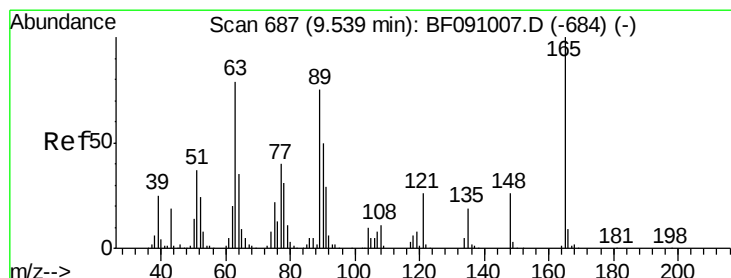
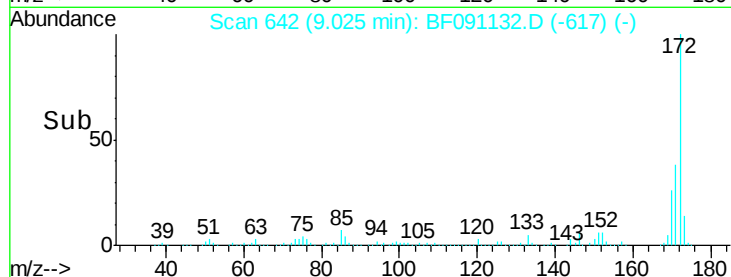
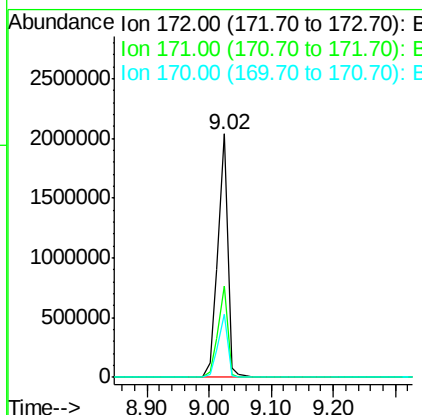
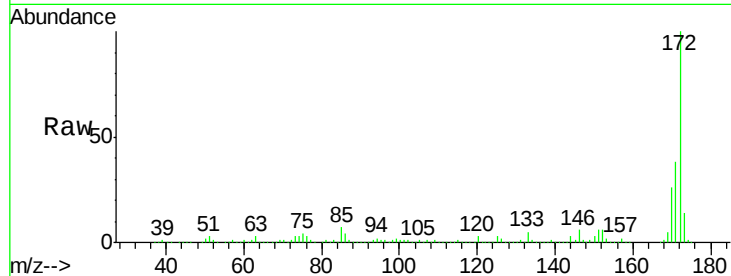




#44
 2-Fluorobiphenyl
 Concen: 93.44 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091132.D
 Acq: 9 Nov 2016 18:56

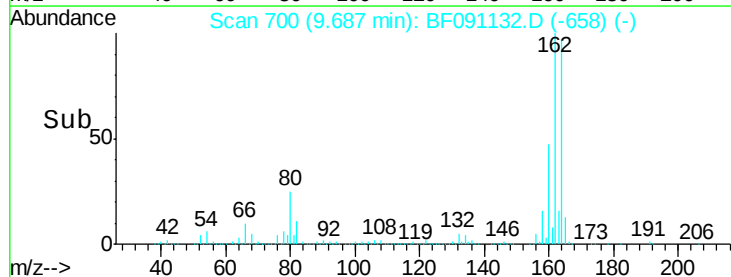
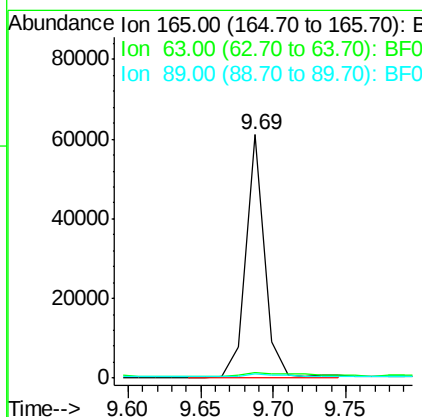
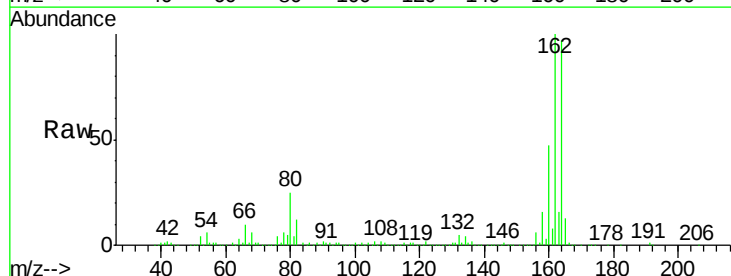
Instrument :
 BNA_F
 ClientSampled :
 RW-3

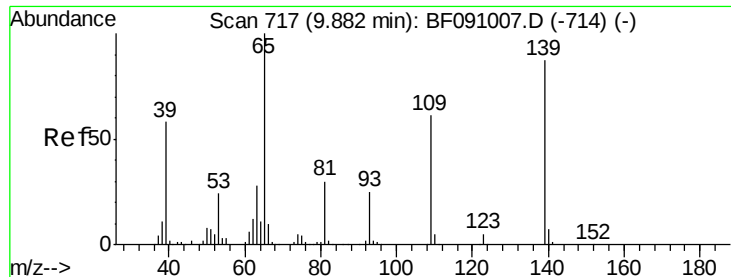
Tgt Ion:172 Resp: 2214732
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.9 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 9.72 ng
 RT: 9.69 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF091132.D
 Acq: 9 Nov 2016 18:56

Tgt Ion:165 Resp: 55711
 Ion Ratio Lower Upper
 165 100
 63 2.1 65.6 98.4#
 89 1.6 59.8 89.6#





#55

4-Nitrophenol

Concen: 5.89 ng

RT: 9.80 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

Instrument :

BNA_F

ClientSampled :

RW-3

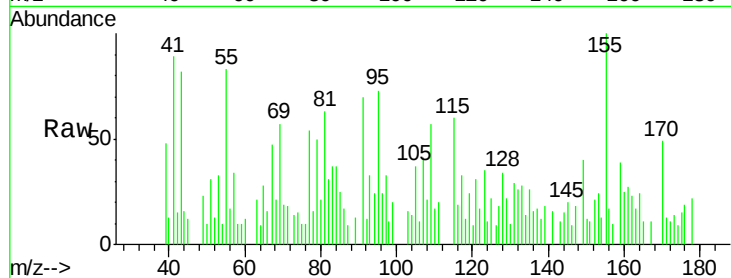
Tgt Ion:139 Resp: 757

Ion Ratio Lower Upper

139 100

109 308.1 50.5 90.5#

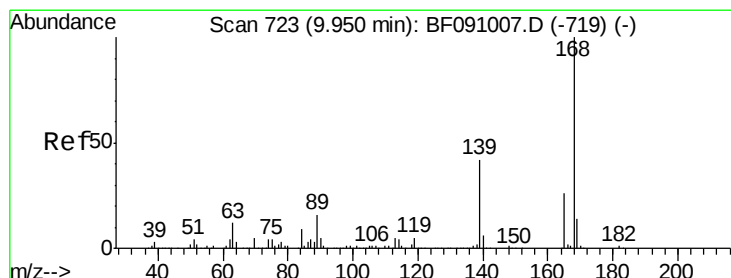
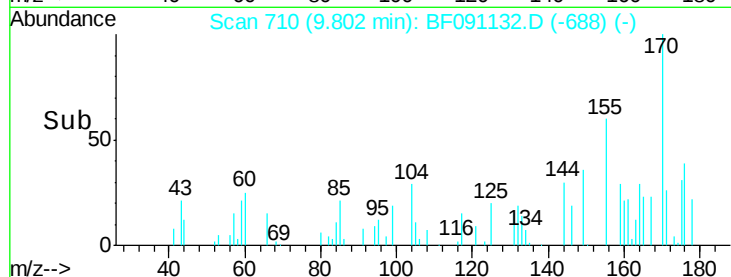
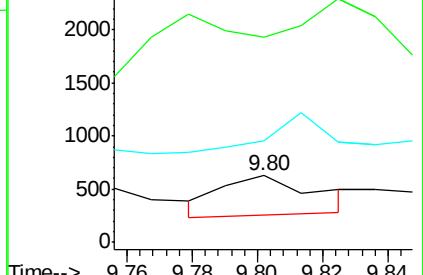
65 152.2 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.76 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.22 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

Tgt Ion:165 Resp: 56628

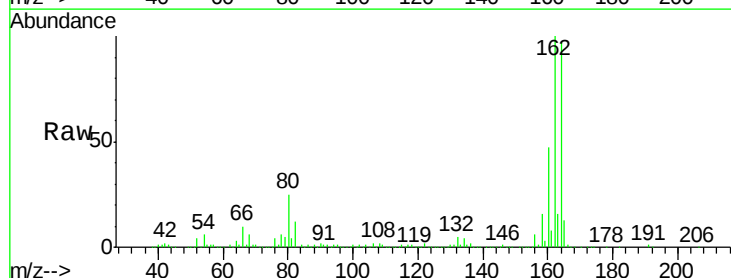
Ion Ratio Lower Upper

165 100

63 2.1 38.7 58.1#

89 1.6 50.6 76.0#

182 0.8 1.8 2.8#

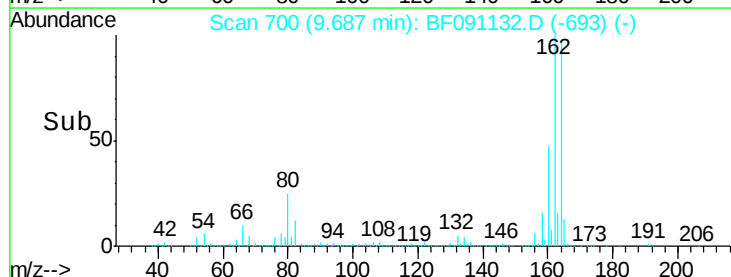
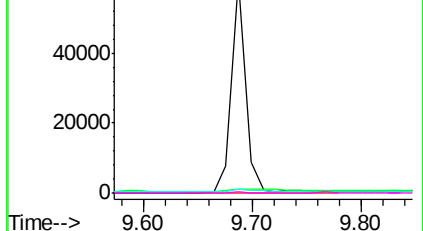


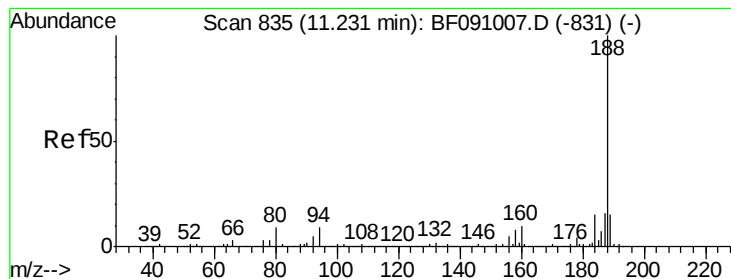
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

Instrument :

BNA_F

ClientSampleId :

RW-3

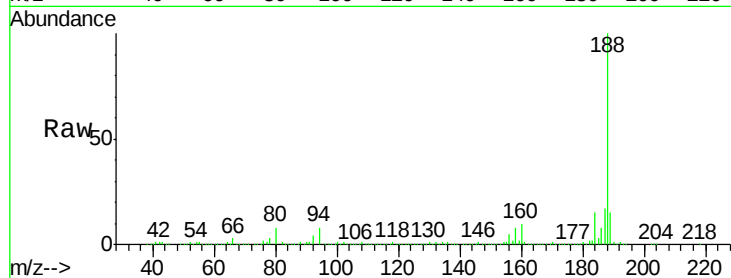
Tgt Ion:188 Resp: 653075

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

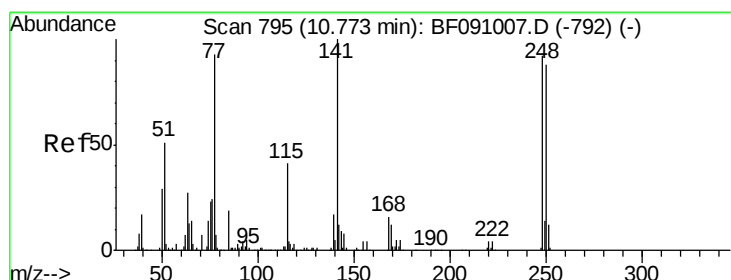
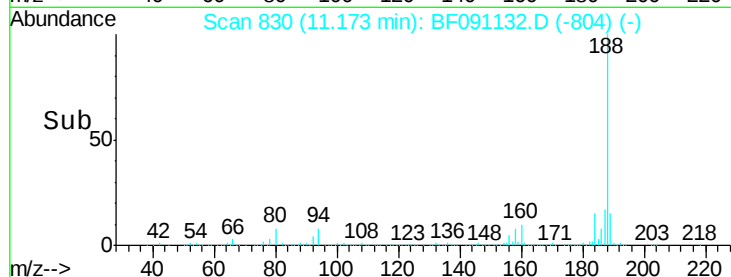
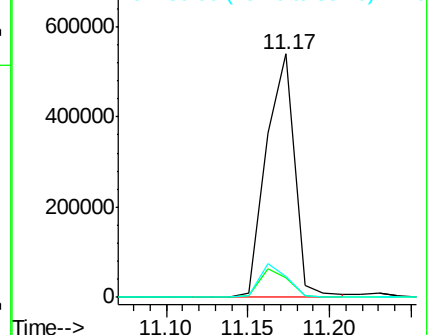
80 8.5 7.5 11.3



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: 5.92 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.24 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

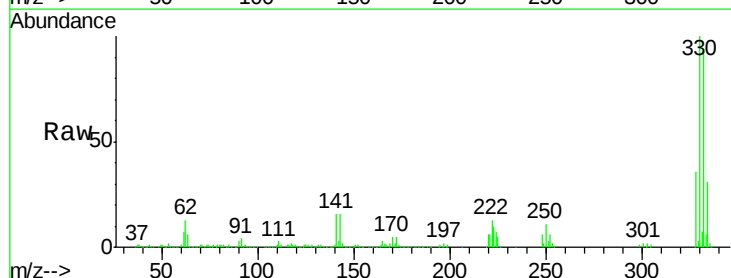
Tgt Ion:248 Resp: 40221

Ion Ratio Lower Upper

248 100

250 204.2 76.3 114.5#

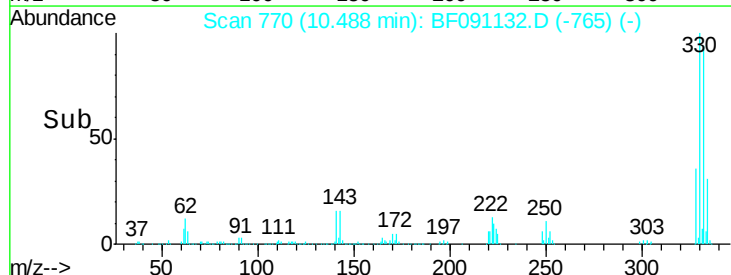
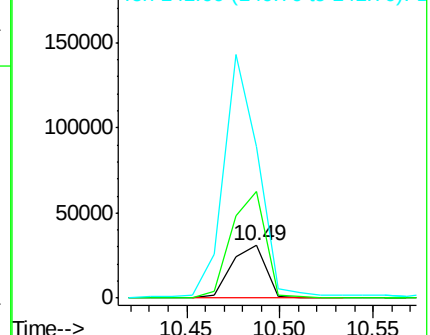
141 290.1 86.8 130.2#

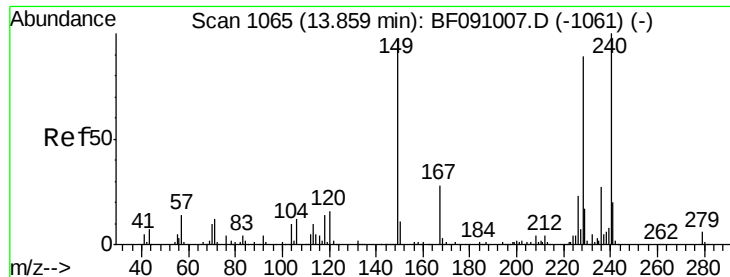


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF091132.D

Acq: 9 Nov 2016 18:56

Instrument :

BNA_F

ClientSampleId :

RW-3

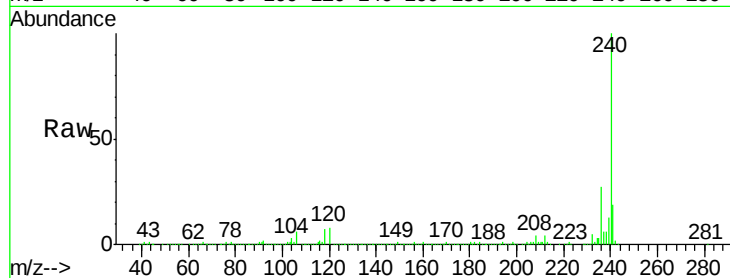
Tgt Ion:240 Resp: 501747

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

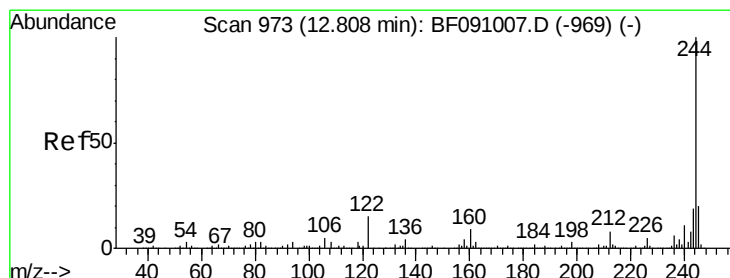
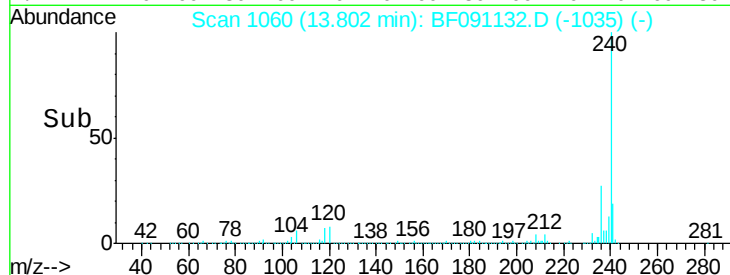
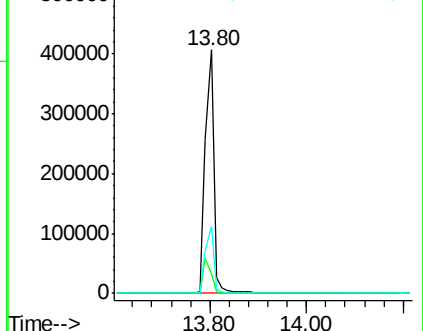
236 27.5 21.9 32.9



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: 110.88 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091132.D

Acq: 9 Nov 2016 18:56

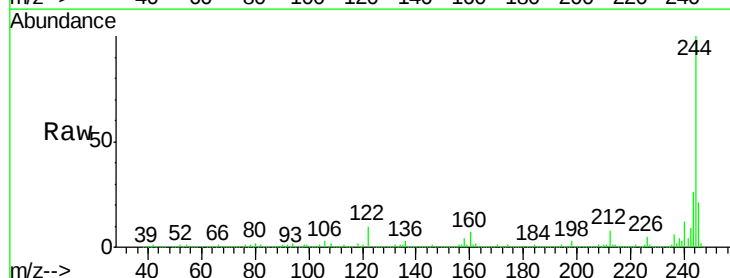
Tgt Ion:244 Resp: 2229445

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

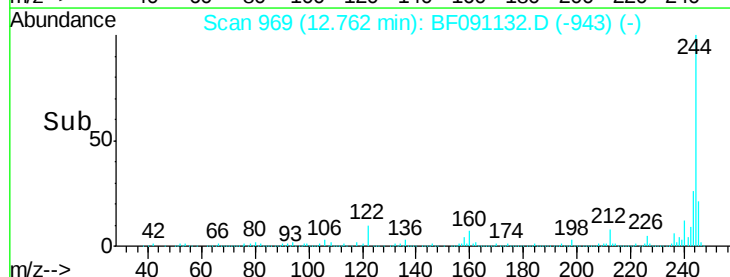
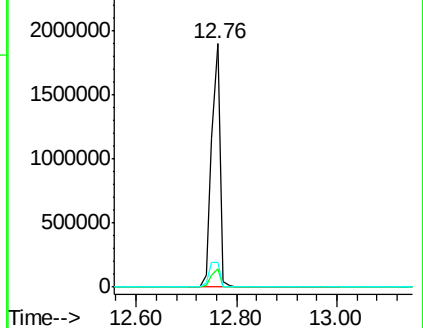
122 10.1 12.3 18.5#

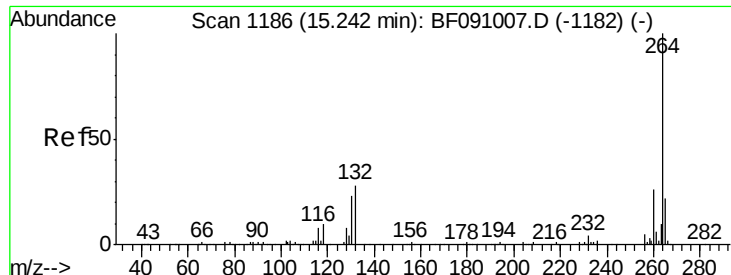


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

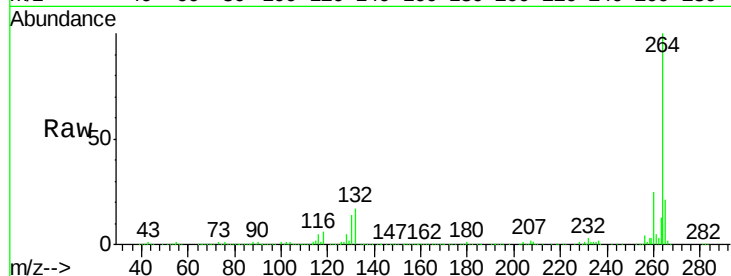




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091132.D
Acq: 9 Nov 2016 18:56

Instrument :
BNA_F
ClientSampleId :
RW-3

Tgt Ion: 264 Resp: 359934
Ion Ratio Lower Upper
264 100
260 25.1 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

