

Data Path : Z:\HPCHEM1\BNA F\Data\BF122116\
 Data File : BF091873.D
 Acq On : 22 Dec 2016 9:22
 Operator : UM/SJ
 Sample : H6156-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

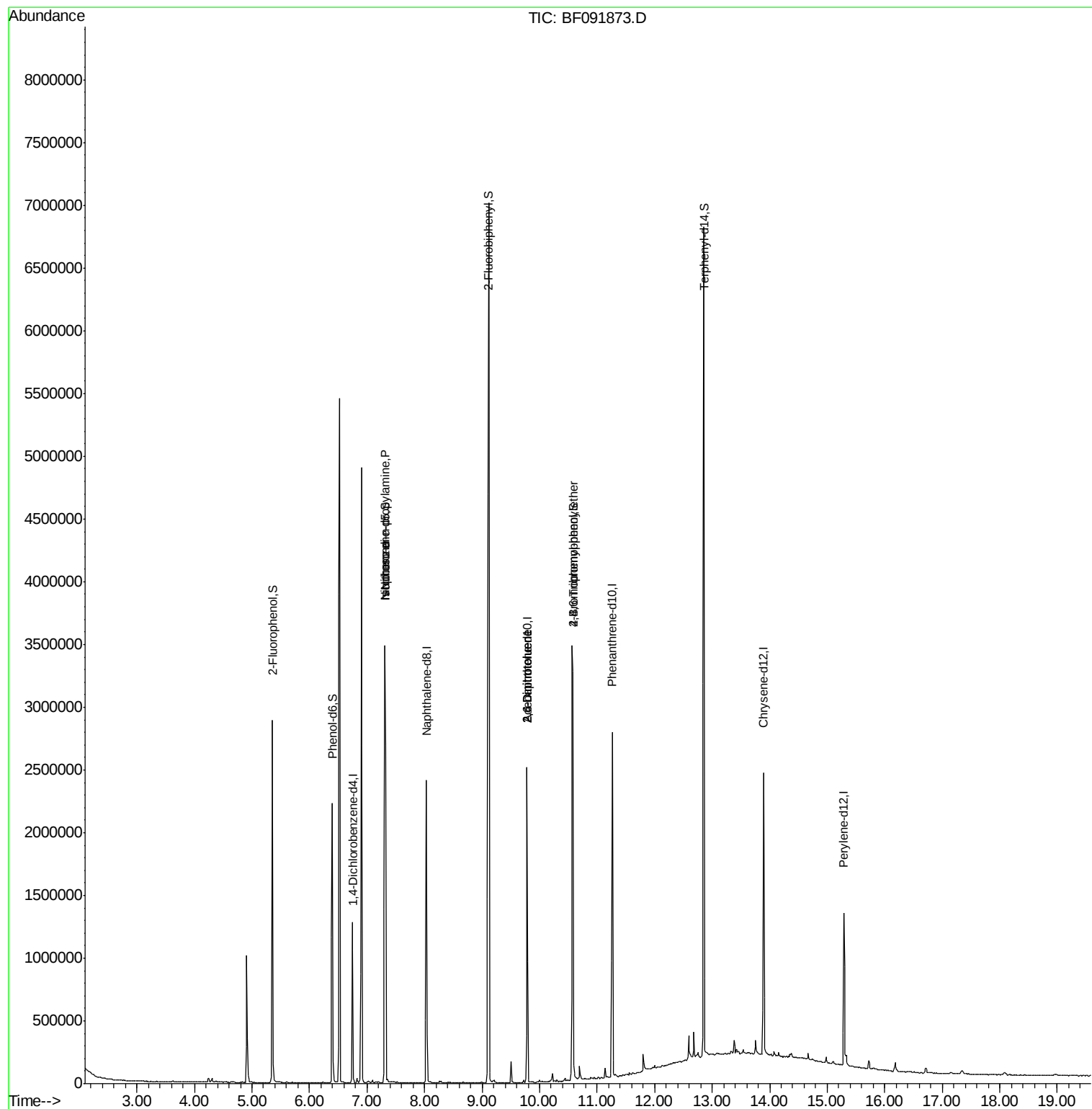
Quant Time: Dec 22 16:15:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

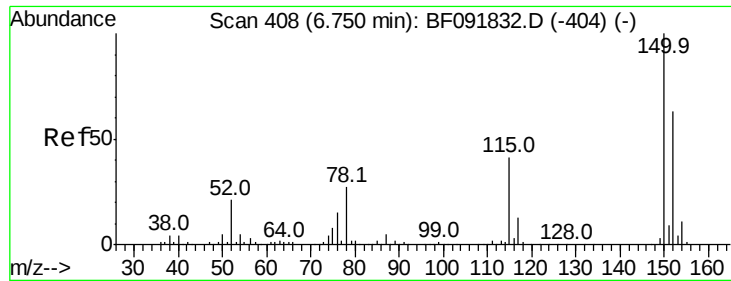
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	277310	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1155635	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	628038	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1053919	20.00	ng	0.00
75) Chrysene-d12	13.89	240	795675	20.00	ng	-0.01
86) Perylene-d12	15.29	264	607966	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1127369	67.88	ng	0.01
7) Phenol-d6	6.40	99	937892	46.25	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1897597	91.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	719110	138.36	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3081799	103.32	ng	0.00
78) Terphenyl-d14	12.85	244	2323514	70.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	1524	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.31	70	243752	18.07	ng	# 77
25) Isophorone	7.31	82	1533403	39.99	ng	# 65
37) 2-Methylnaphthalene	8.74	142	256	Below Cal	#	15
50) 2,6-Dinitrotoluene	9.78	165	82332	9.36	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	82587	7.48	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	43797	3.99	ng	# 1
71) Anthracene	11.34	178	753	Below Cal	#	34
73) Di-n-butylphthalate	11.84	149	3413	Below Cal	#	73
74) Fluoranthene	12.48	202	584	Below Cal	#	1

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

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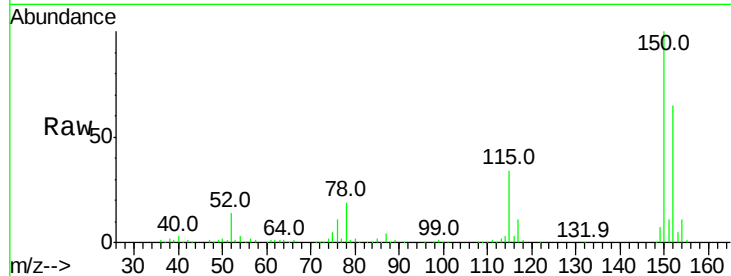




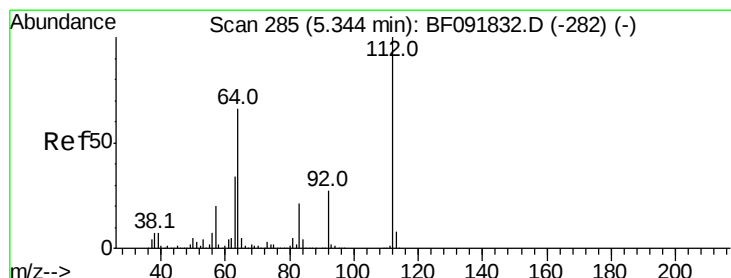
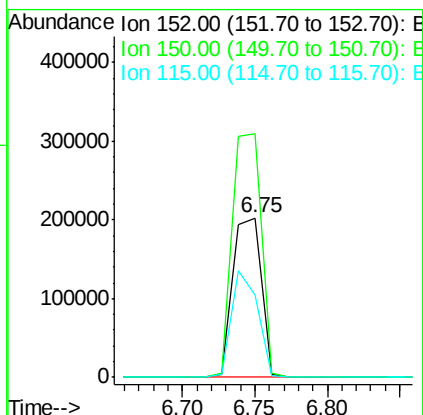
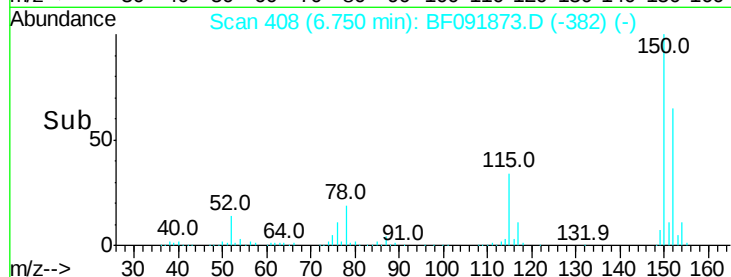
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091873.D
Acq: 22 Dec 2016 9:22

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.9	187.3
115	51.8	46.0	69.0



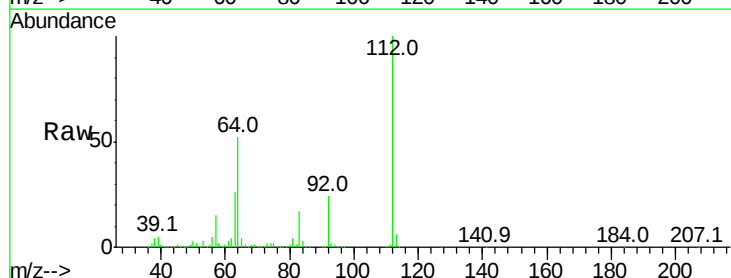
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



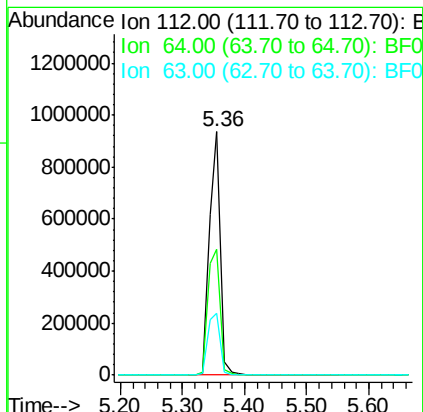
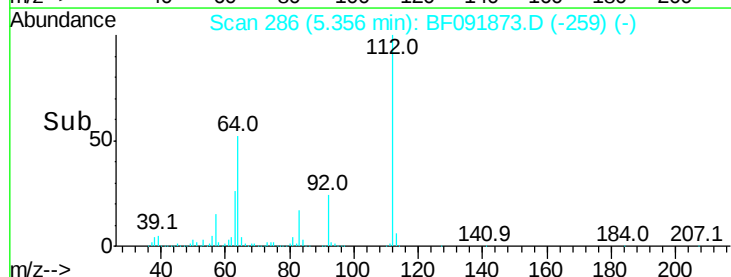
#5

2-Fluorophenol
Concen: 67.88 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF091873.D
Acq: 22 Dec 2016 9:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	46.1	69.1
63	25.6	23.8	35.6



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: 46.25 ng

RT: 6.40 min Scan# 377

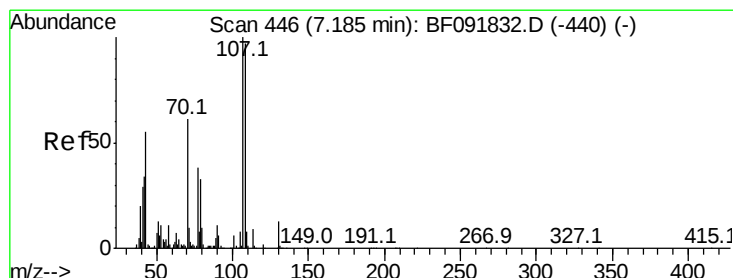
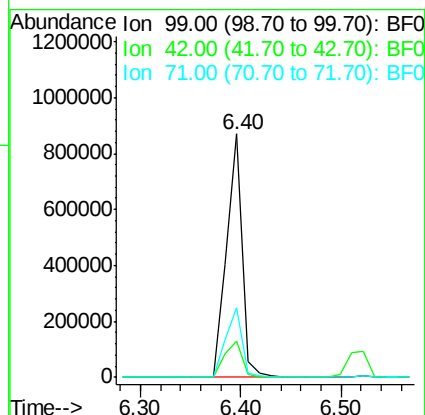
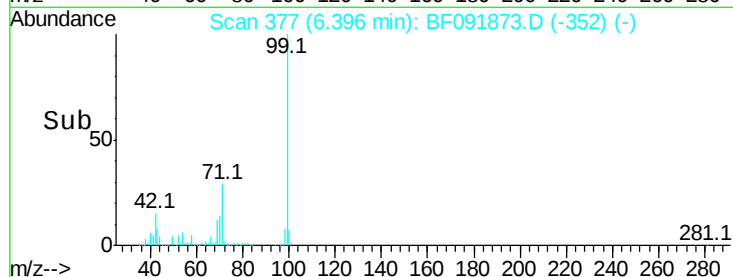
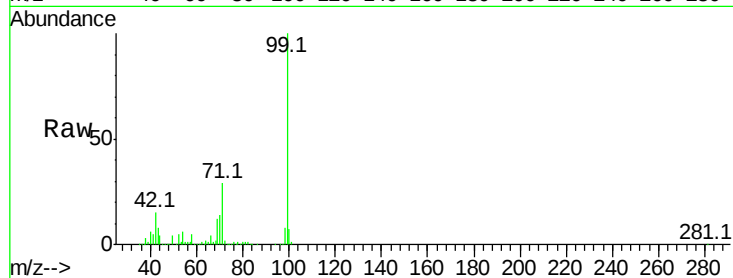
Delta R.T. -0.01 min

Lab File: BF091873.D

Acq: 22 Dec 2016 9:22

Tot Ion: 99 Resp: 937892

Ion	Ratio	Lower	Upper
99	100		
42	15.0	15.6	23.4#
71	28.7	27.5	41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.07 ng

RT: 7.31 min Scan# 457

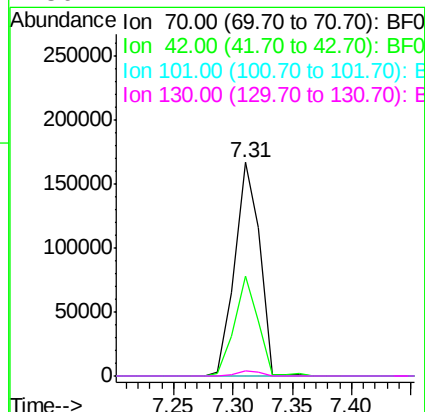
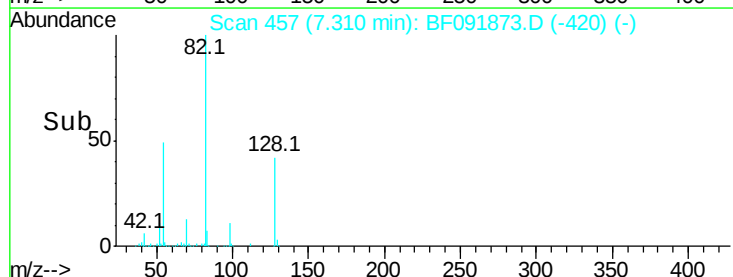
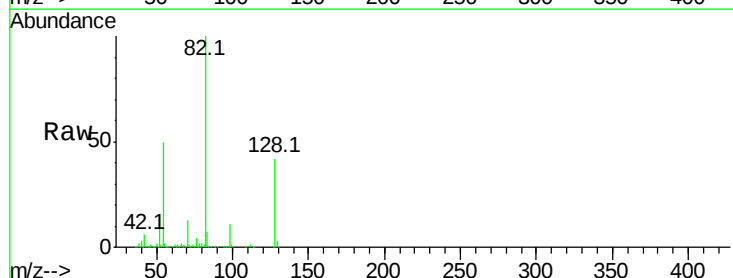
Delta R.T. 0.13 min

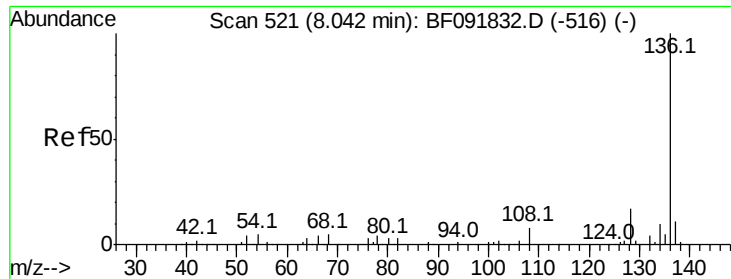
Lab File: BF091873.D

Acq: 22 Dec 2016 9:22

Tgt Ion: 70 Resp: 243752

Ion	Ratio	Lower	Upper
70	100		
42	46.8	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

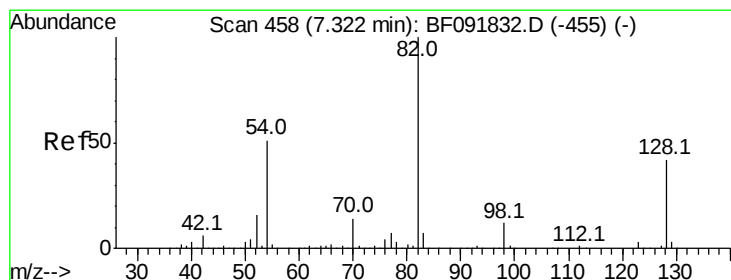
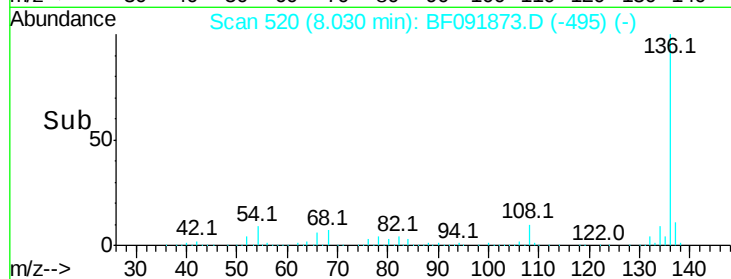
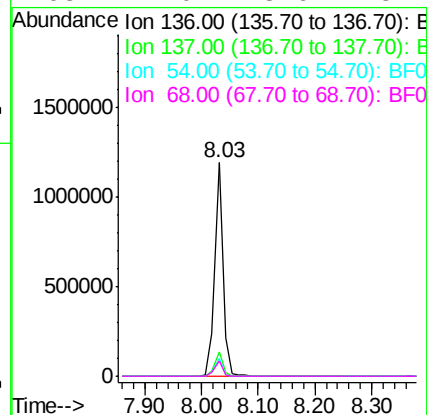
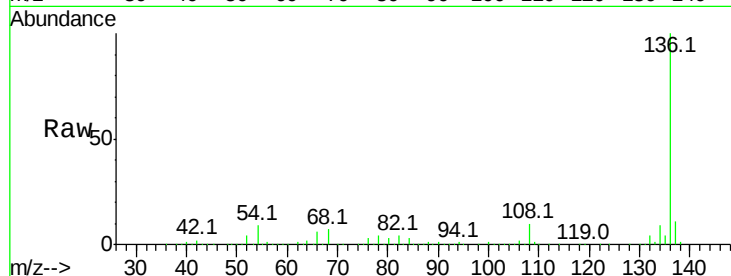




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091873.D
Acq: 22 Dec 2016 9:22

Tot Ion:136 Resp: 1155635

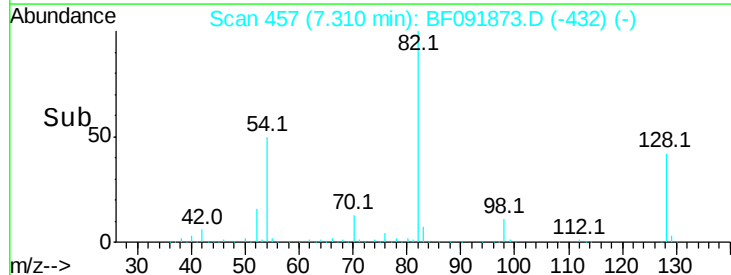
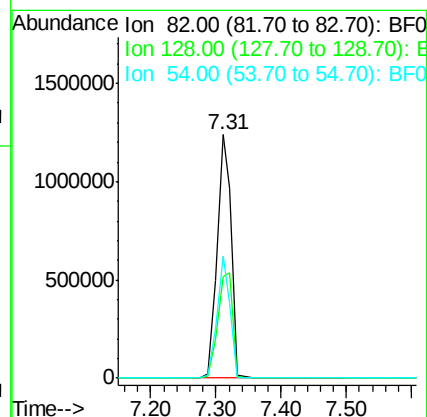
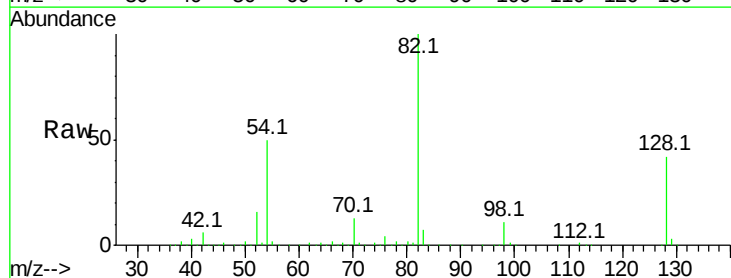
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.5	4.5	6.7#
68	7.0	3.6	5.4#

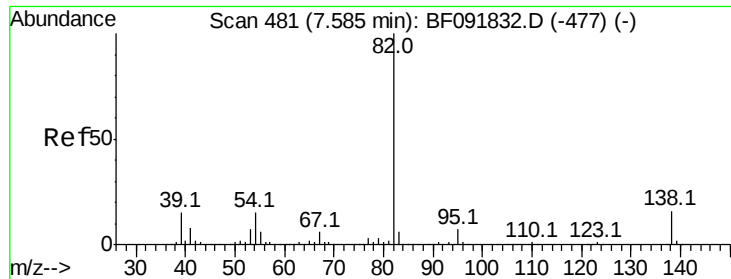


#23
Nitrobenzene-d5
Concen: 91.31 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091873.D
Acq: 22 Dec 2016 9:22

Tgt Ion: 82 Resp: 1897597

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	50.0	39.5	59.3





#25

Isophorone

Concen: 39.99 ng

RT: 7.31 min Scan# 457

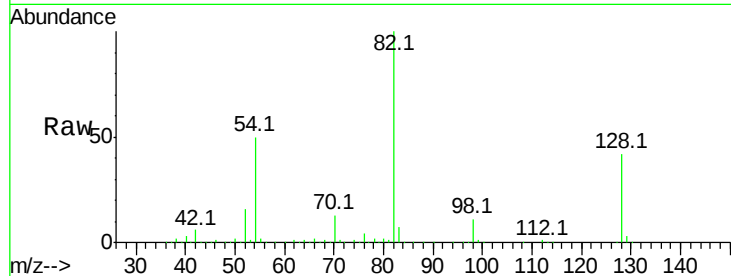
Delta R.T. -0.27 min

Lab File: BF091873.D

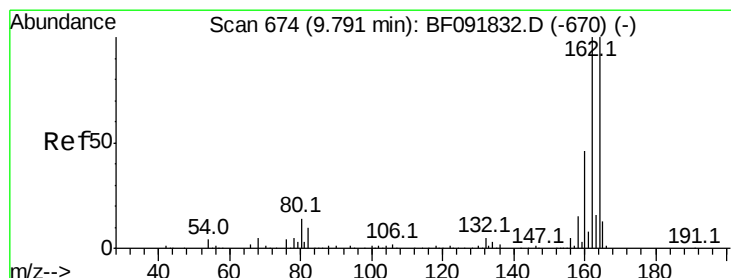
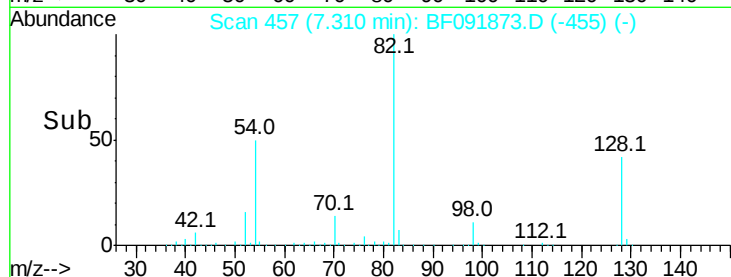
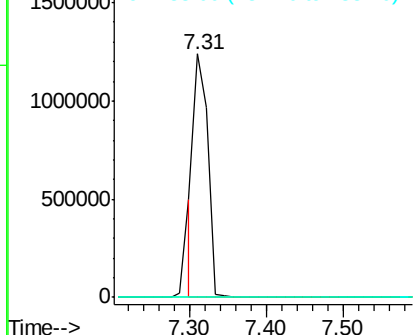
Acq: 22 Dec 2016 9:22

Tot Ion: 82 Resp: 1533403

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

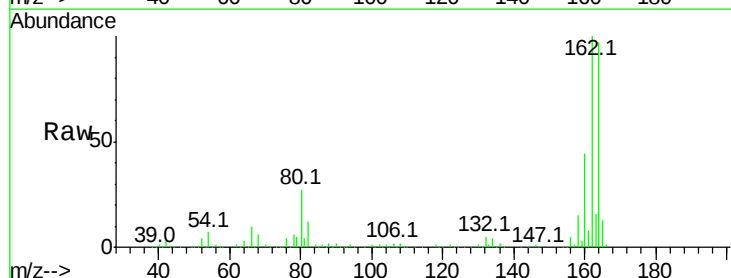
Delta R.T. -0.01 min

Lab File: BF091873.D

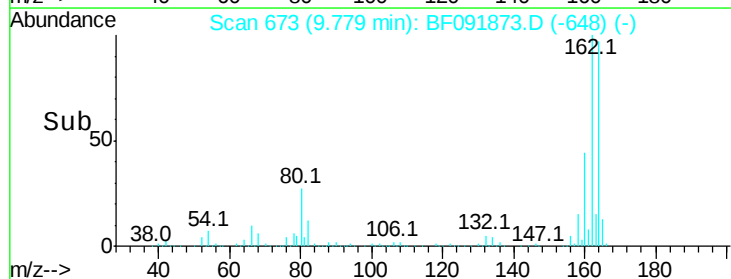
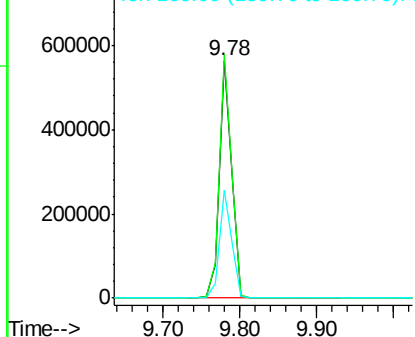
Acq: 22 Dec 2016 9:22

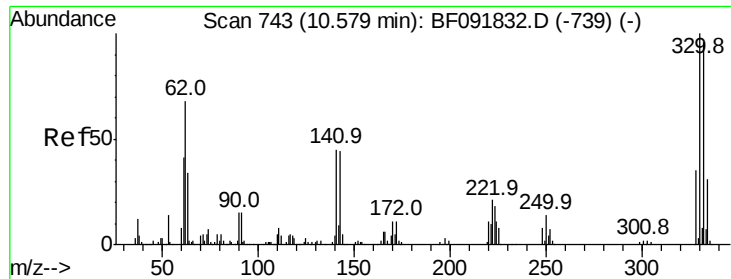
Tgt Ion: 164 Resp: 628038

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	45.6	36.9	55.3



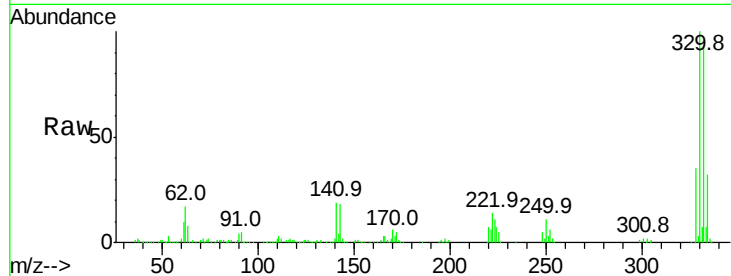
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



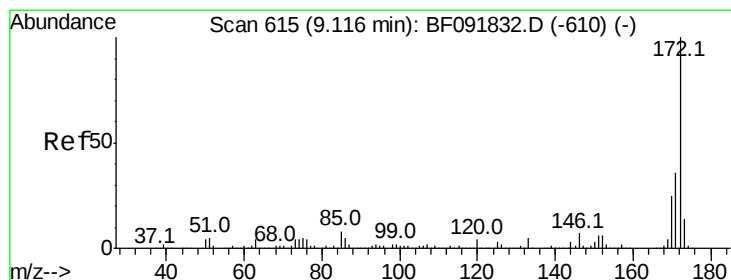
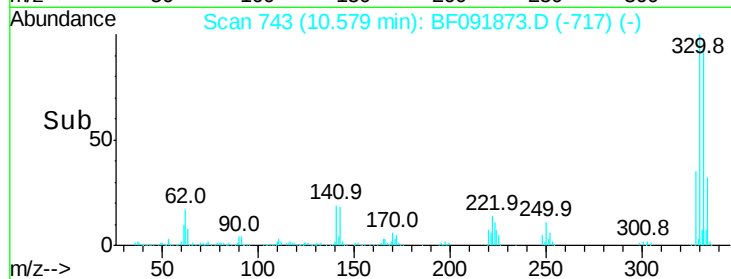
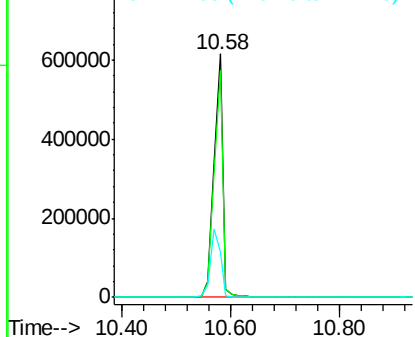


#41
 2,4,6-Tribromophenol
 Concen: 138.36 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091873.D
 Acq: 22 Dec 2016 9:22

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.4	116.2
141	32.1	34.1	51.1#

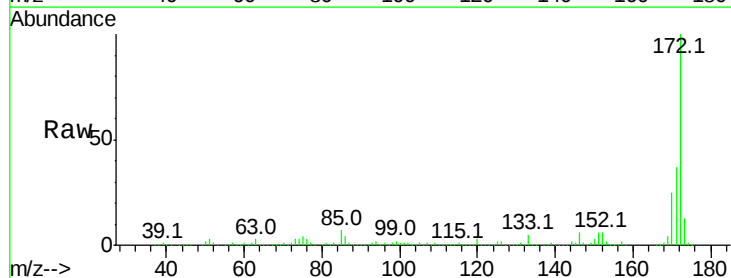


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

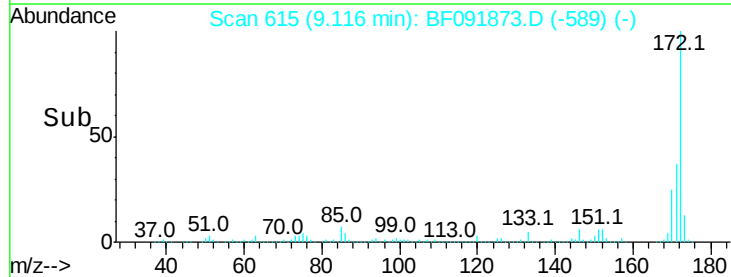
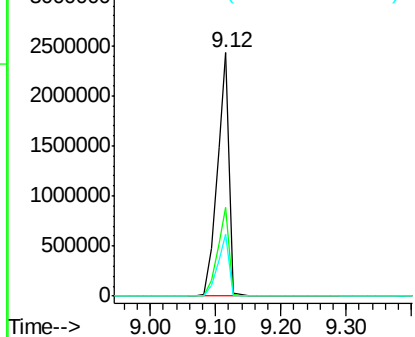


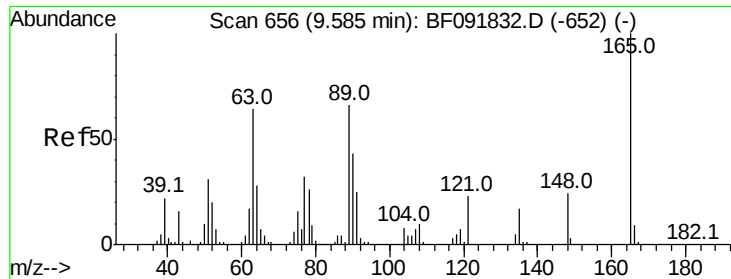
#44
 2-Fluorobiphenyl
 Concen: 103.32 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091873.D
 Acq: 22 Dec 2016 9:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.2	20.2	30.4



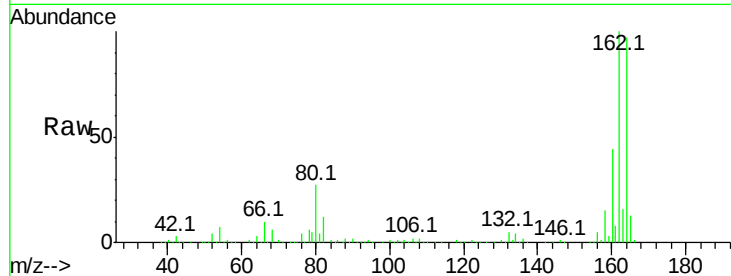
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50
2,6-Dinitrotoluene
Concen: 9.36 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.19 min
Lab File: BF091873.D
Acq: 22 Dec 2016 9:22

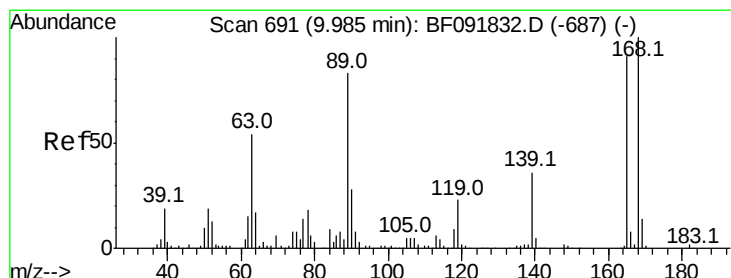
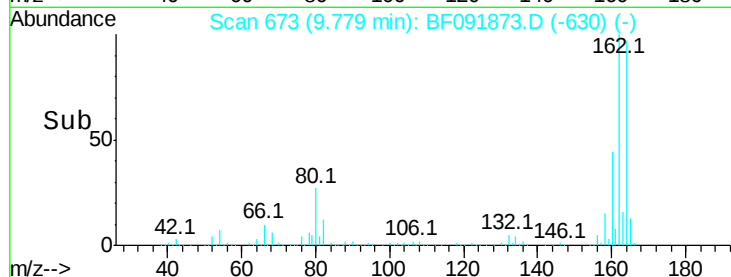
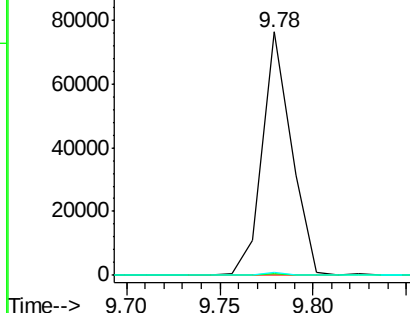
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	1.1	40.2	60.4#



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



#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091873.D
Acq: 22 Dec 2016 9:22

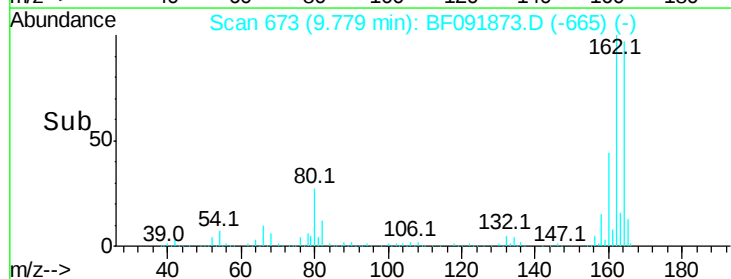
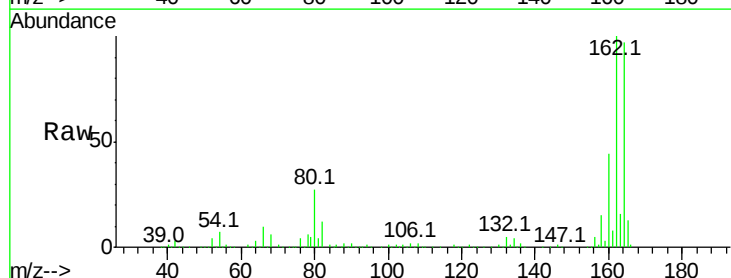
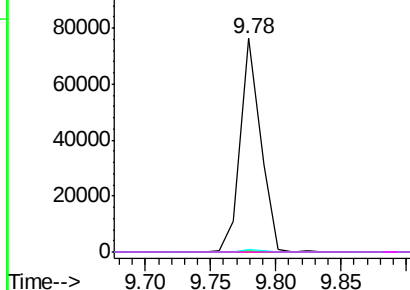
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

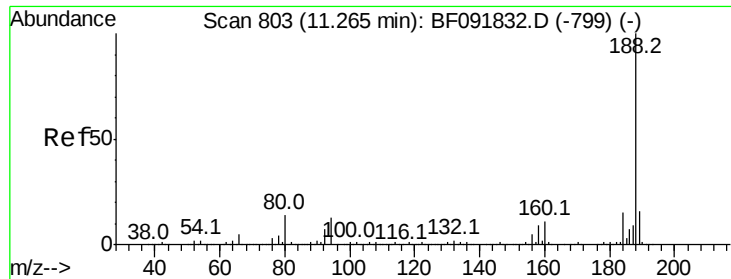
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

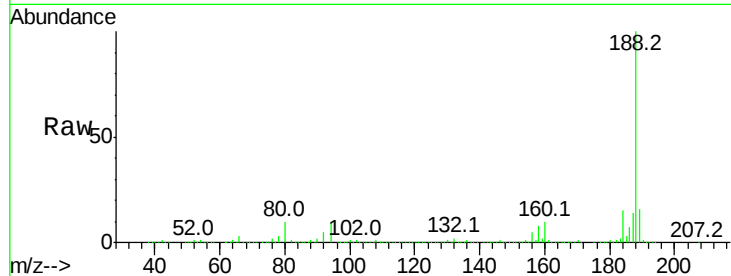
Ion 182.00 (181.70 to 182.70): E



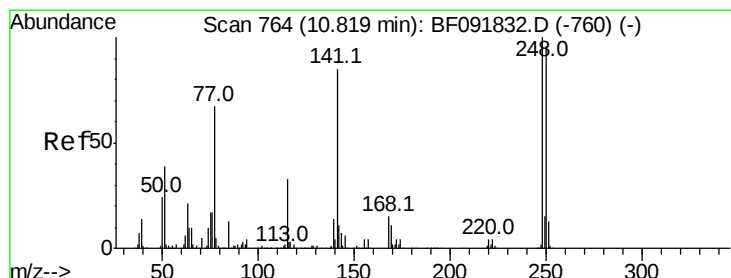
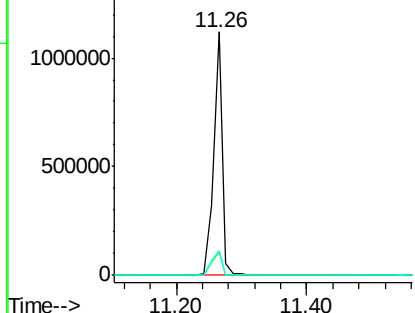
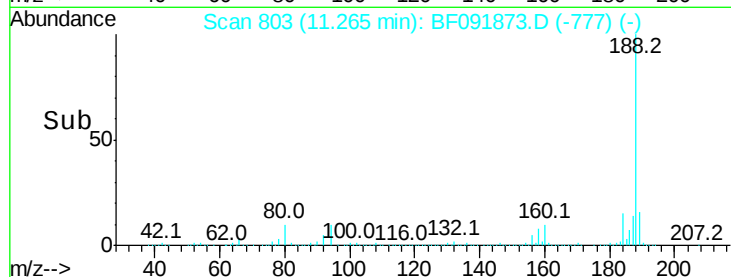


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF091873.D
 Acq: 22 Dec 2016 9:22

Tot Ion:188 Resp: 1053919
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.3 11.2 16.8#

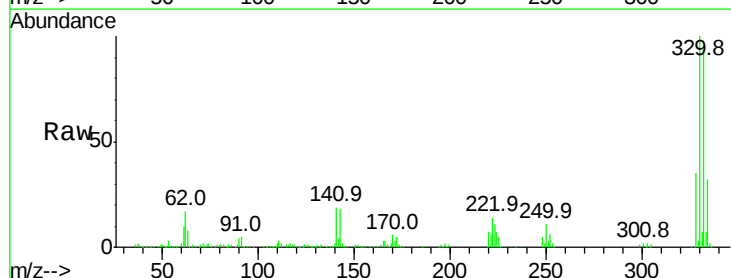


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

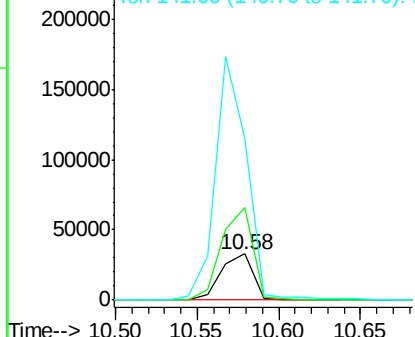
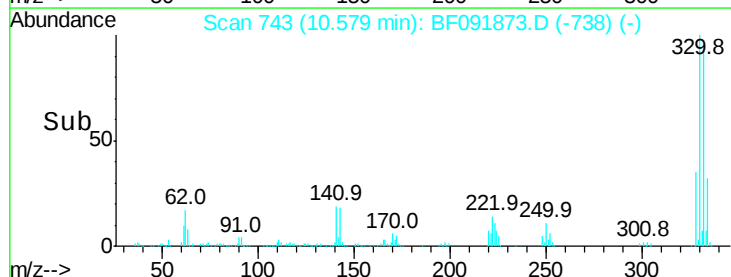


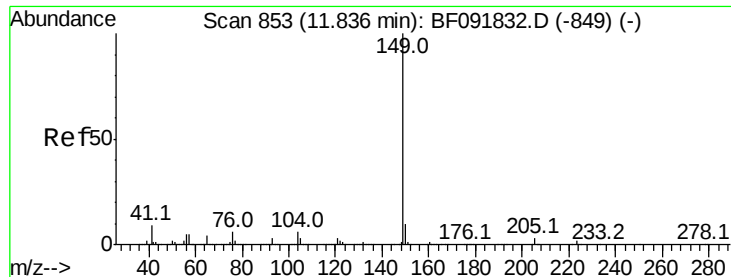
#66
 4-Bromophenyl-phenylether
 Concen: 3.99 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.24 min
 Lab File: BF091873.D
 Acq: 22 Dec 2016 9:22

Tgt Ion:248 Resp: 43797
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.9 115.3#
 141 350.8 68.2 102.4#



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091873.D

Acq: 22 Dec 2016 9:22

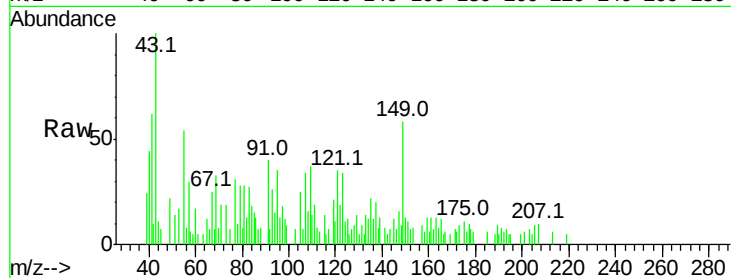
Tot Ion:149 Resp: 3413

Ion Ratio Lower Upper

149 100

150 22.0 8.1 12.1#

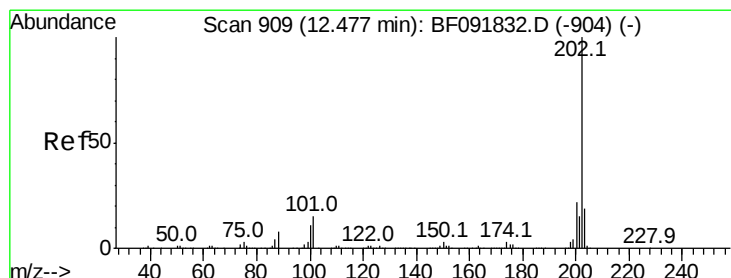
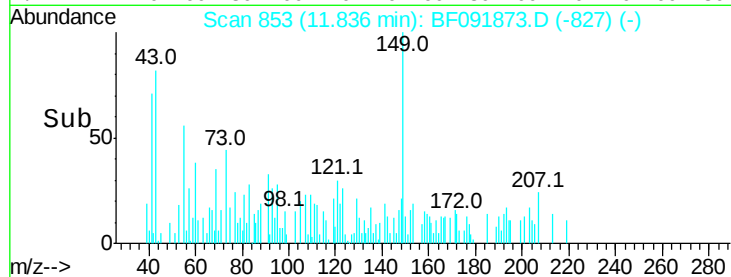
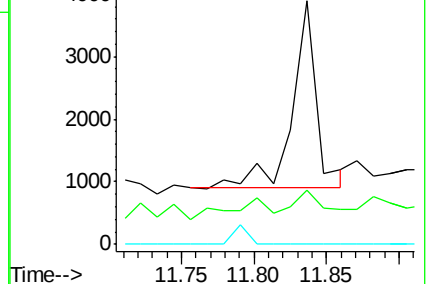
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091873.D

Acq: 22 Dec 2016 9:22

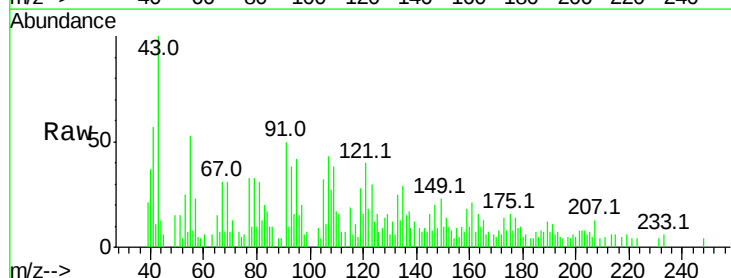
Tgt Ion:202 Resp: 584

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

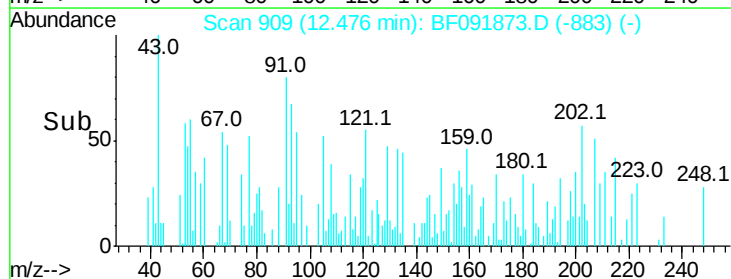
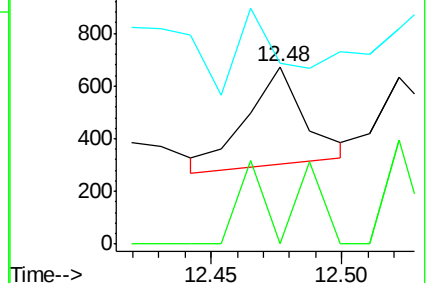
203 101.8 0.0 38.7#

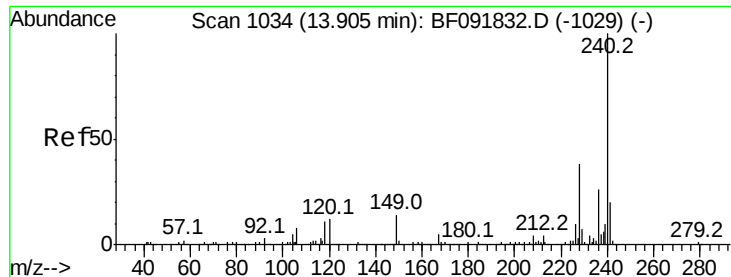


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

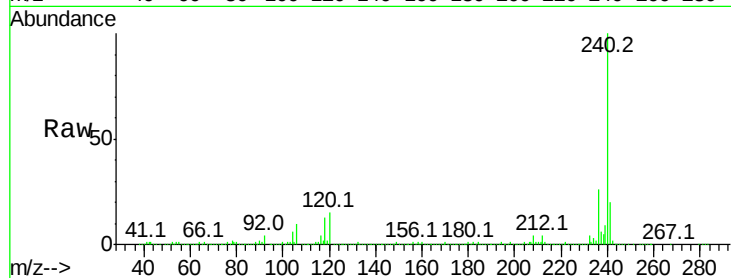
Delta R.T. -0.01 min

Lab File: BF091873.D

Acq: 22 Dec 2016 9:22

Tot Ion:240 Resp: 795675

Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.9	19.3
236	25.9	20.9	31.3

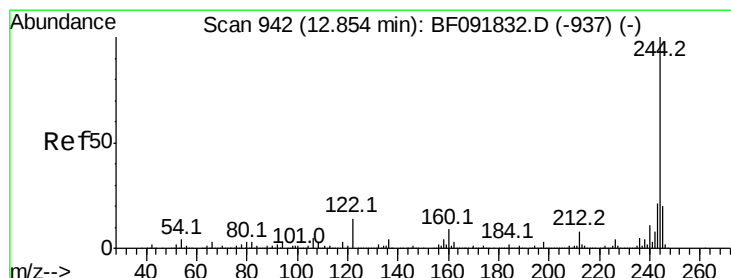
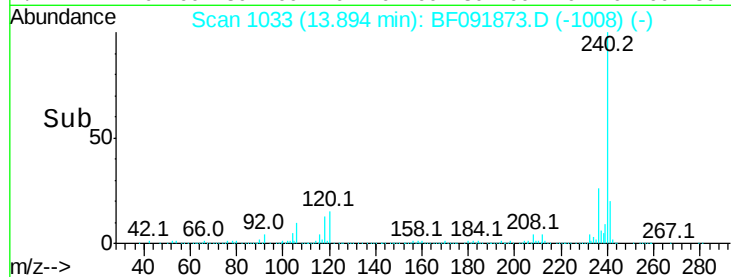


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#78

Terphenyl-d14

Concen: 70.82 ng

RT: 12.85 min Scan# 942

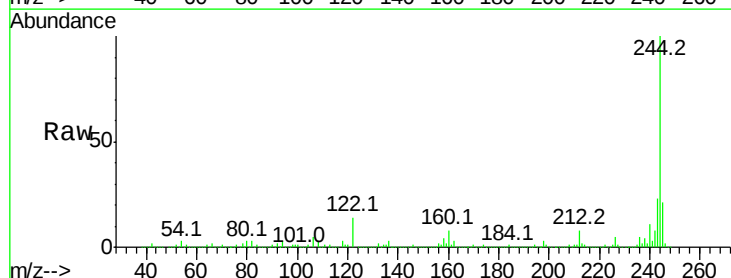
Delta R.T. -0.00 min

Lab File: BF091873.D

Acq: 22 Dec 2016 9:22

Tgt Ion:244 Resp: 2323514

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.5	11.4	17.2

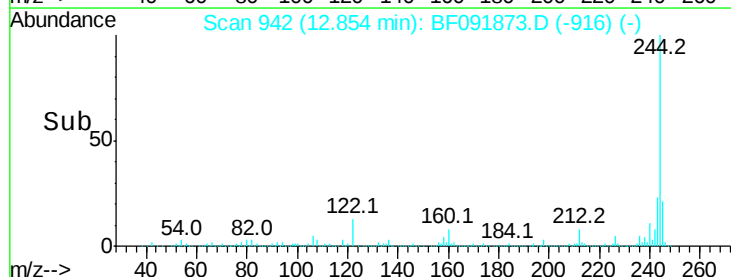


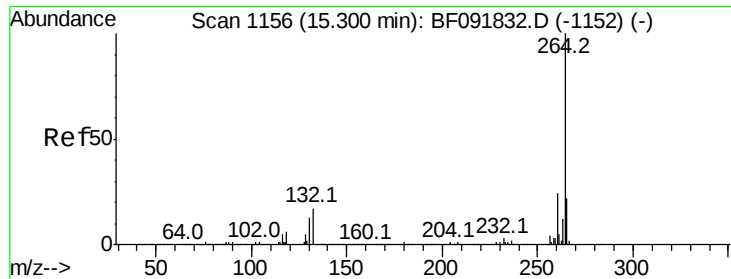
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091873.D
 Acq: 22 Dec 2016 9:22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.4	26.0

