

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091851.D
 Acq On : 21 Dec 2016 23:24
 Operator : UM/SJ
 Sample : PB95527BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

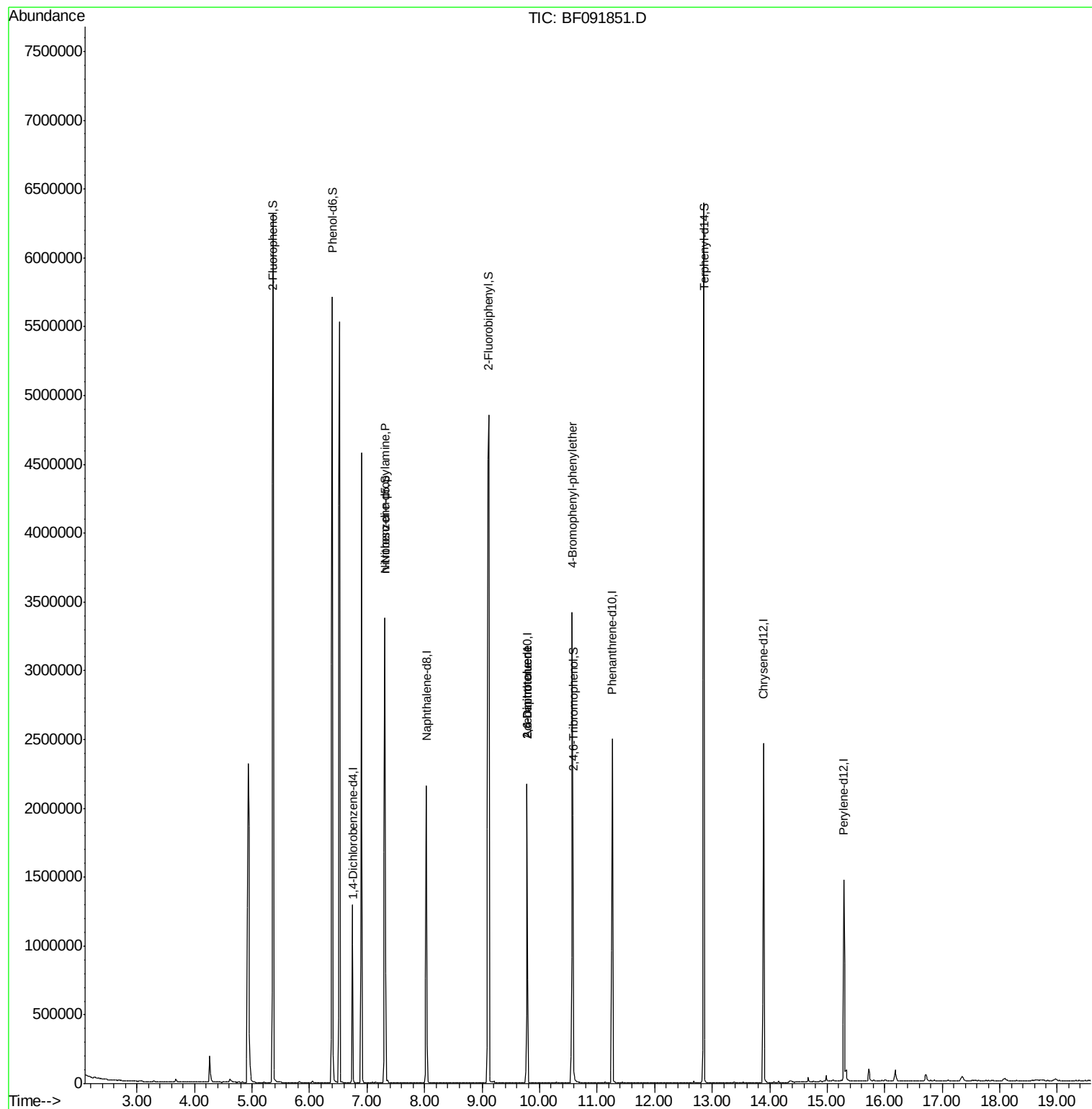
Quant Time: Dec 22 03:26:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

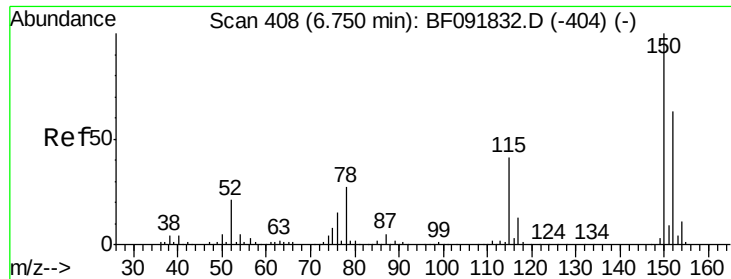
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	270303	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1141346	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	575373	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1018477	20.00	ng	0.00
75) Chrysene-d12	13.89	240	835674	20.00	ng	-0.01
86) Perylene-d12	15.29	264	721951	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2218500	137.04	ng	0.02
7) Phenol-d6	6.40	99	2243280	113.50	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1490061	72.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	610598	128.23	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2711682	98.63	ng	0.00
78) Terphenyl-d14	12.85	244	2191880	63.61	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	193270	14.70	ng	# 77
50) 2,6-Dinitrotoluene	9.78	165	76706	9.52	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	76708	7.59	ng	# 19
66) 4-Bromophenyl-phenylether	10.57	248	35870	3.39	ng	# 1
71) Anthracene	11.26	178	662	Below Cal		# 1
73) Di-n-butylphthalate	11.84	149	2336	Below Cal		# 76
74) Fluoranthene	12.48	202	211	Below Cal		61

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

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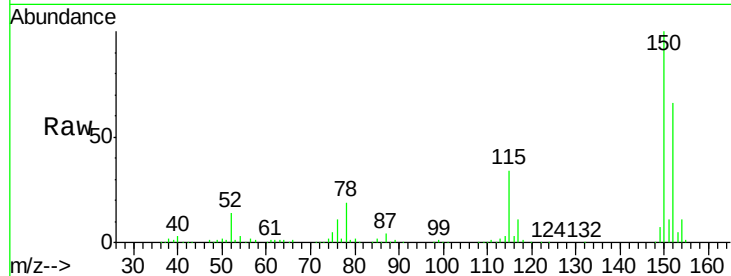




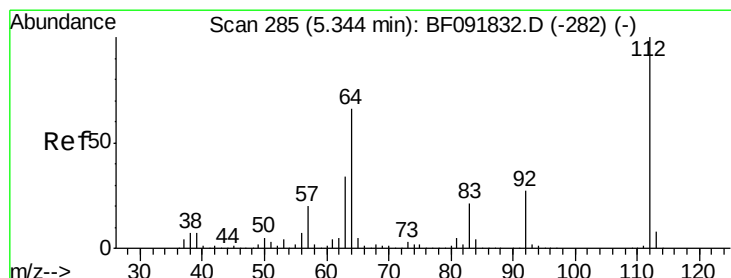
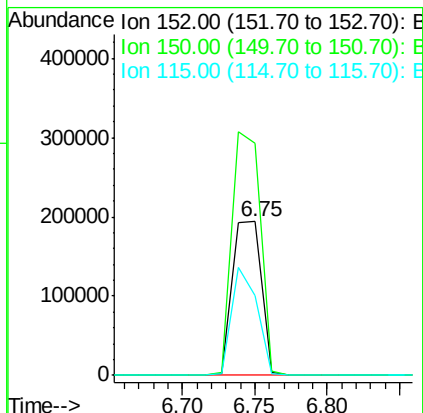
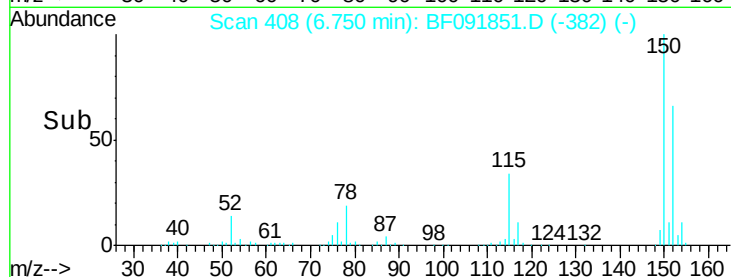
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.9	187.3
115	52.2	46.0	69.0



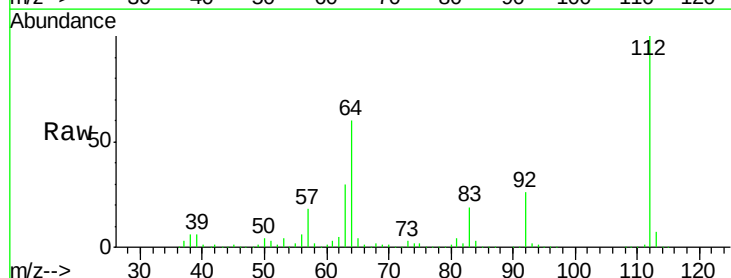
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



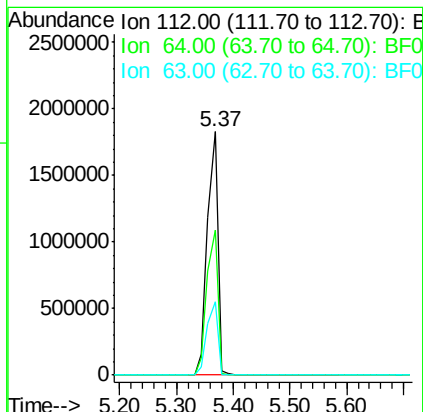
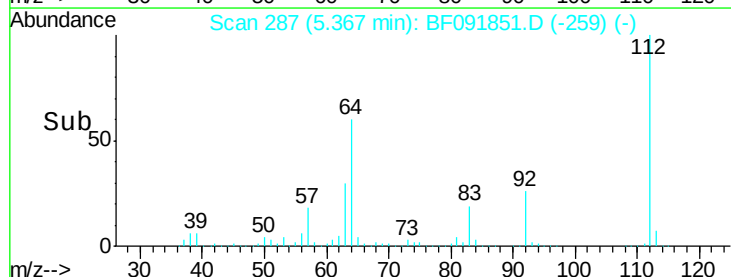
#5

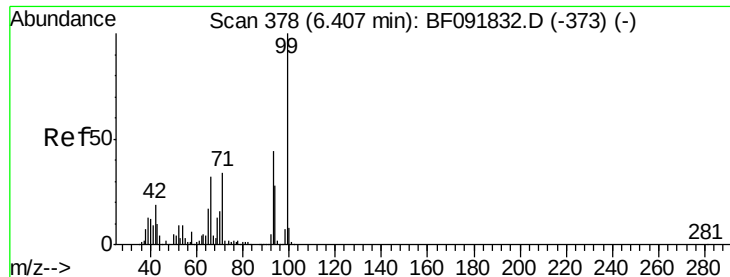
2-Fluorophenol
Concen: 137.04 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.02 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.1	69.1
63	30.4	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: 113.50 ng

RT: 6.40 min Scan# 377

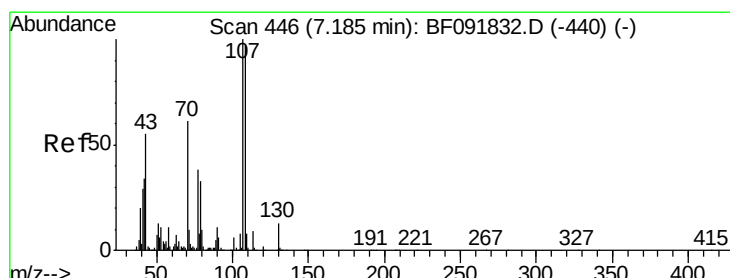
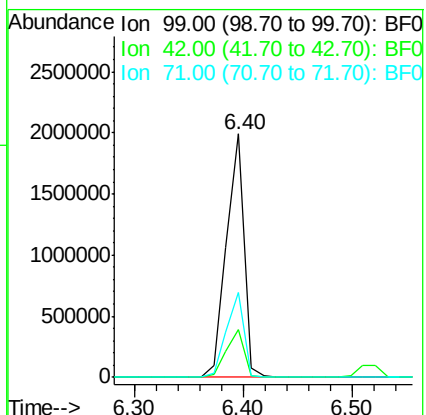
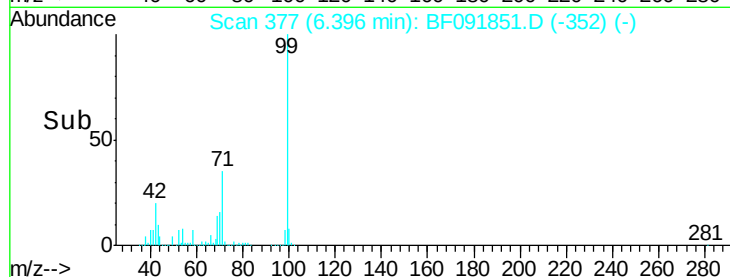
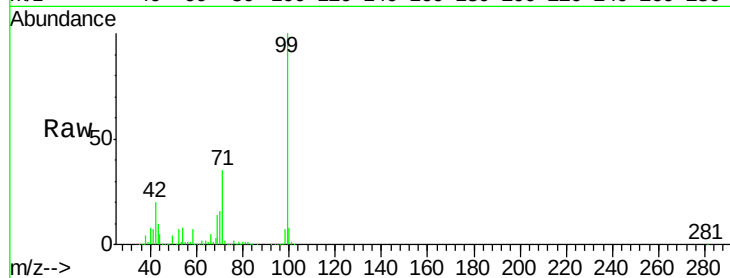
Delta R.T. -0.01 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

Tgt Ion: 99 Resp: 2243280

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	34.7	27.5	41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.70 ng

RT: 7.31 min Scan# 457

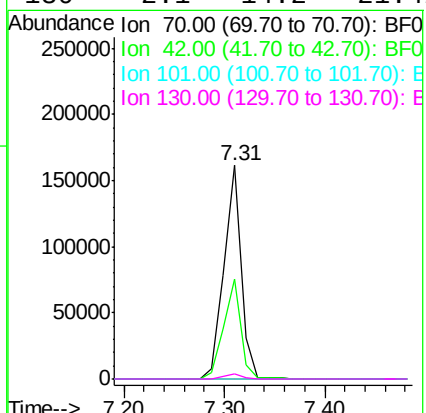
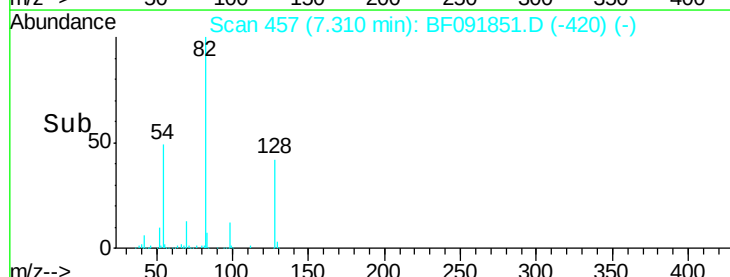
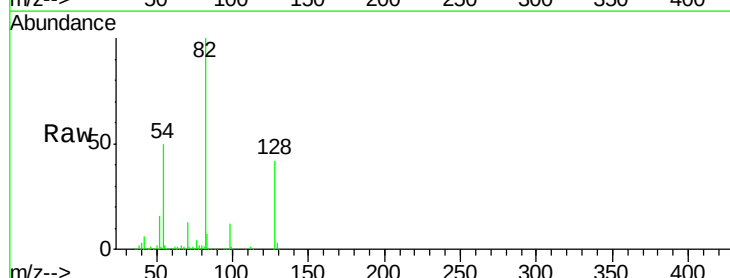
Delta R.T. 0.13 min

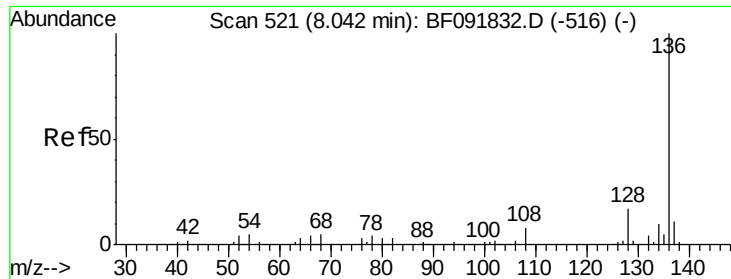
Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

Tgt Ion: 70 Resp: 193270

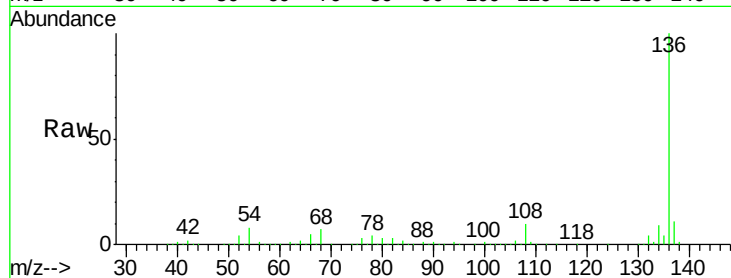
Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



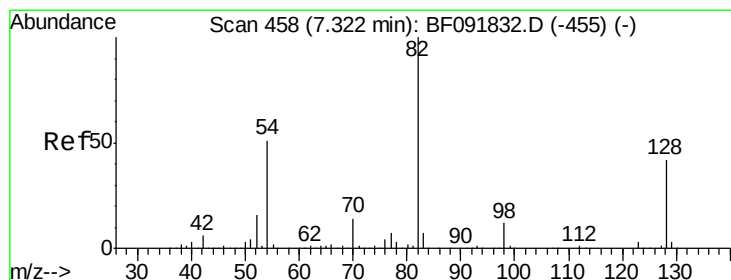
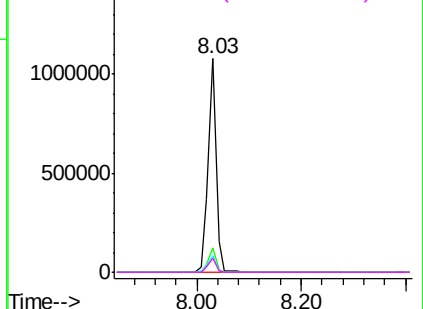
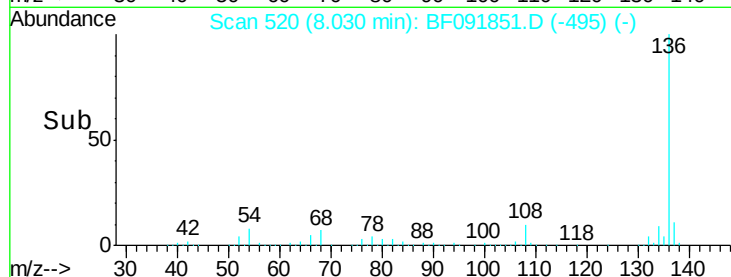


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion: 136 Resp: 1141346
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 4.5 6.7#
68 6.6 3.6 5.4#

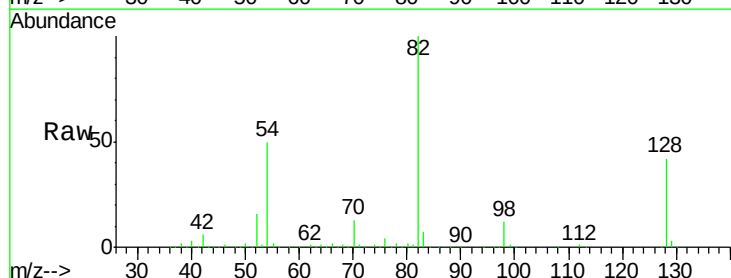


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

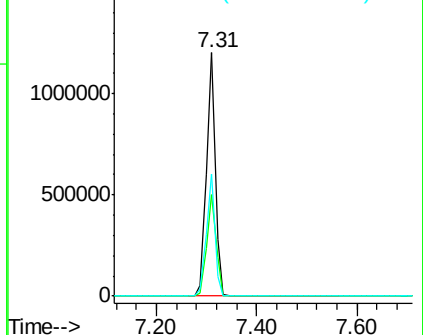
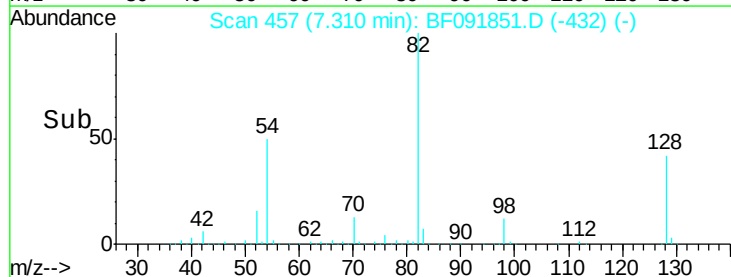


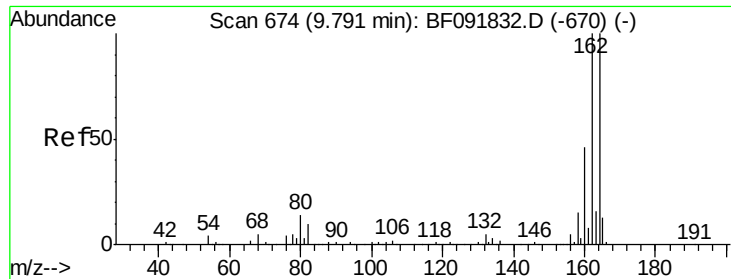
#23
Nitrobenzene-d5
Concen: 72.60 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion: 82 Resp: 1490061
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 49.9 39.5 59.3



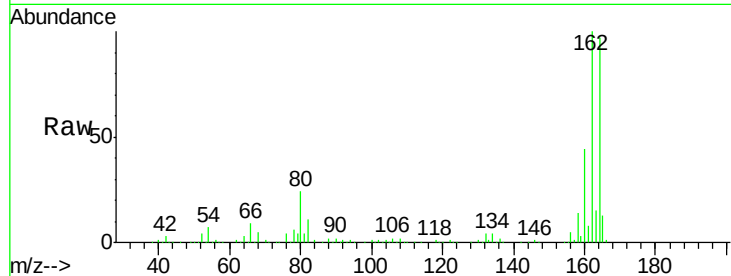
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



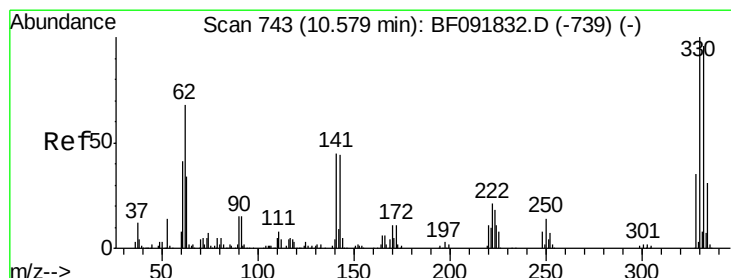
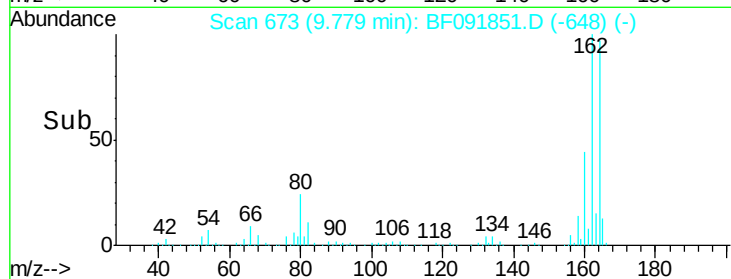
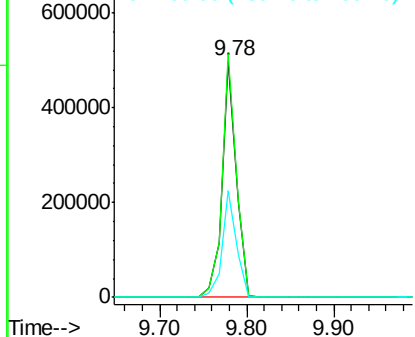


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.2	120.2
160	45.2	36.9	55.3

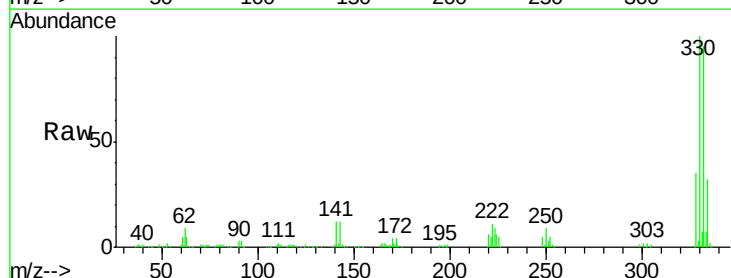


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

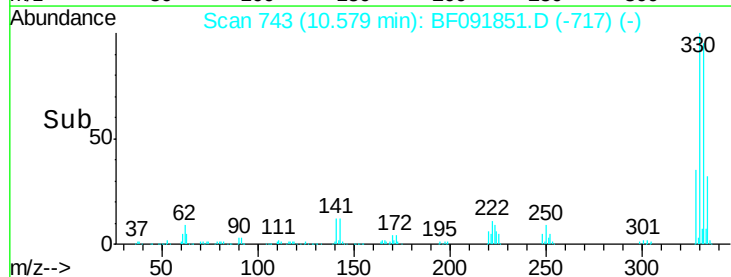
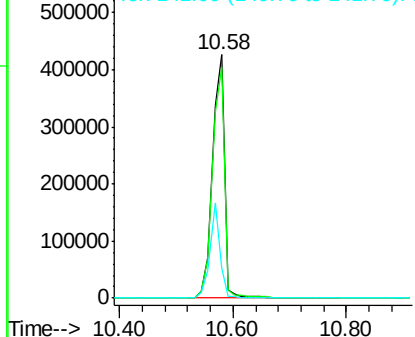


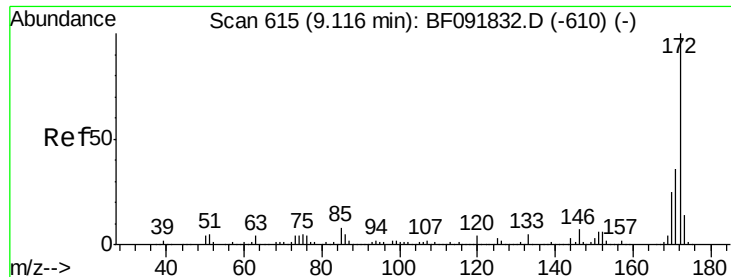
#41
2,4,6-Tribromophenol
Concen: 128.23 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	32.6	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

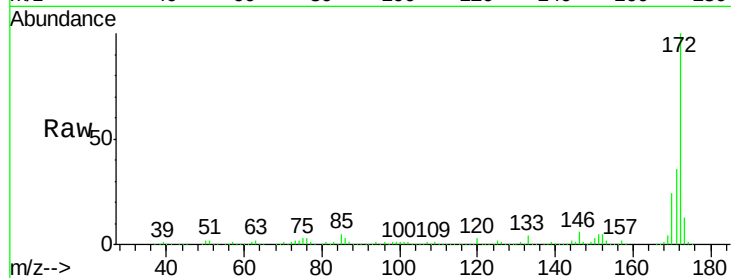




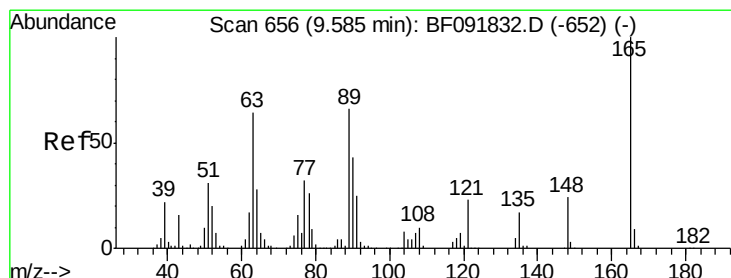
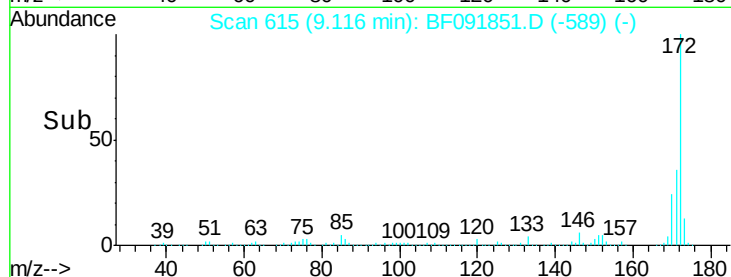
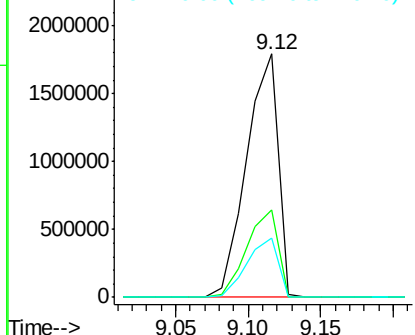
#44
 2-Fluorobiphenyl
 Concen: 98.63 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Tgt Ion:172 Resp: 2711682

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	20.2	30.4



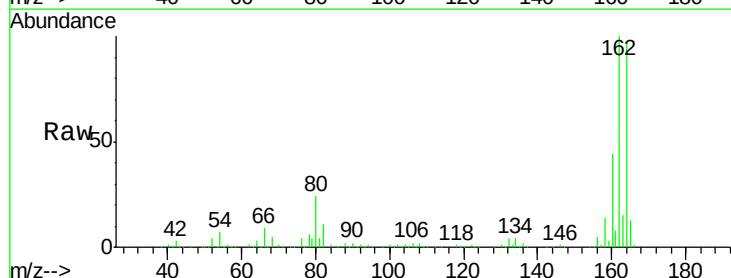
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



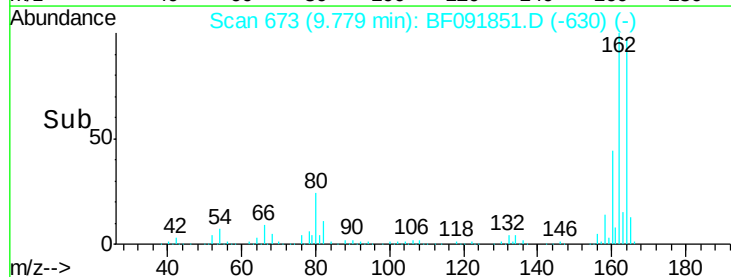
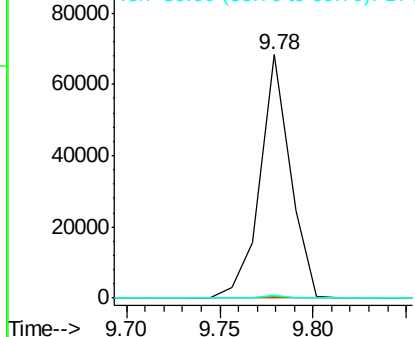
#50
 2,6-Dinitrotoluene
 Concen: 9.52 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.19 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

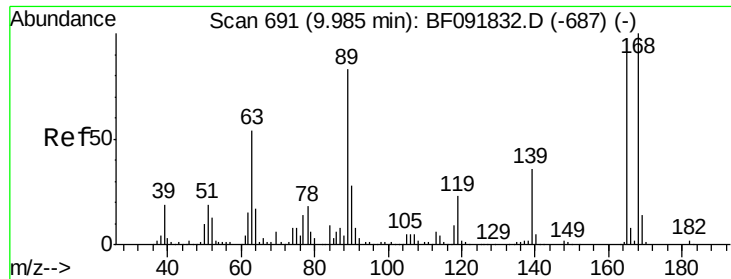
Tgt Ion:165 Resp: 76706

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	1.0	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: 7.59 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

Tgt Ion:165 Resp: 76708

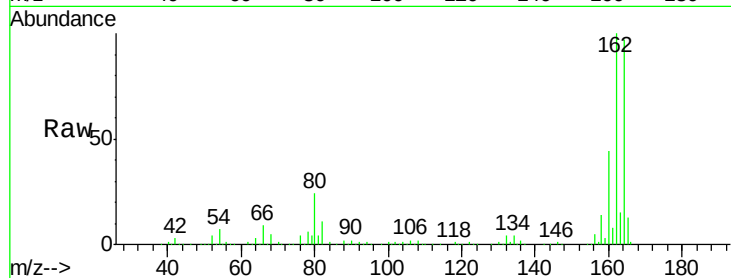
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

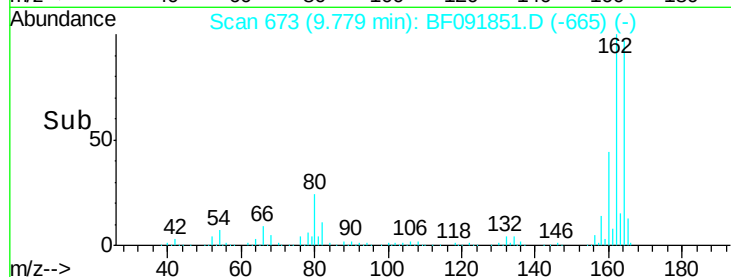


Abundance Ion 165.00 (164.70 to 165.70): E

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



Abundance

100000

80000

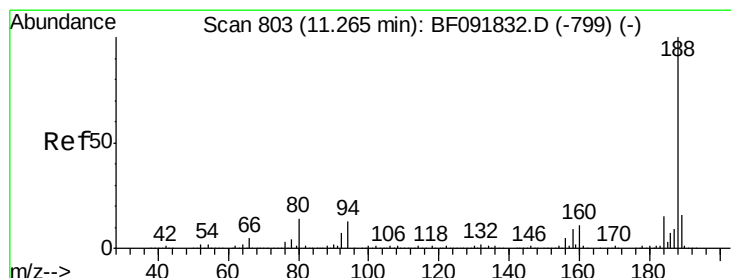
60000

40000

20000

0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

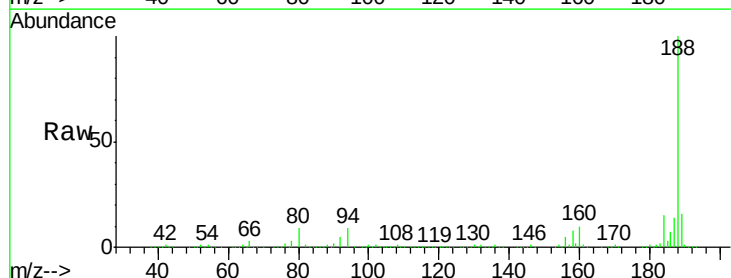
Tgt Ion:188 Resp: 1018477

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

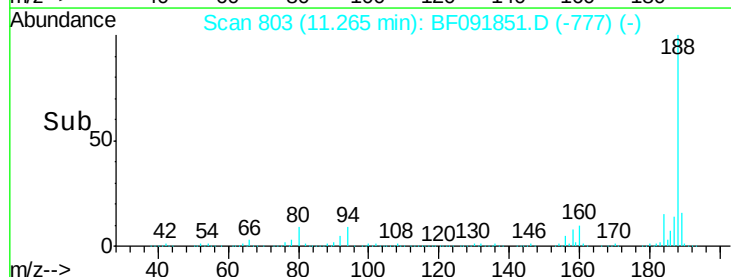
80 9.2 11.2 16.8#



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



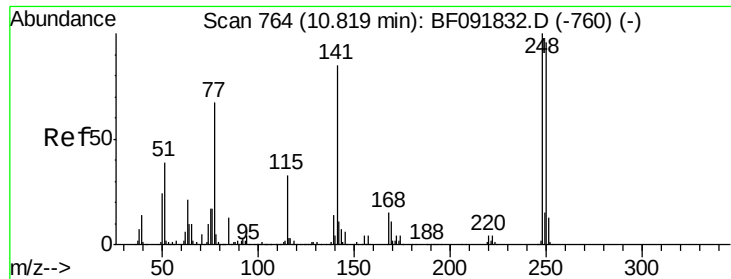
Abundance

1000000

500000

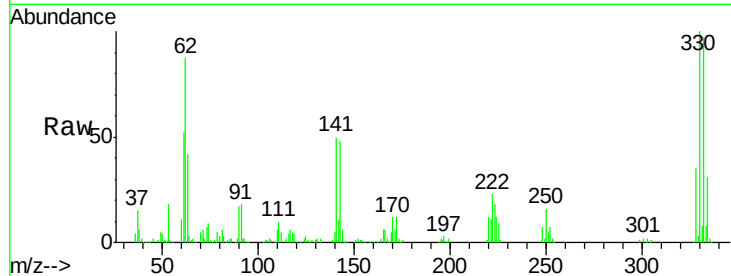
0

Time-->

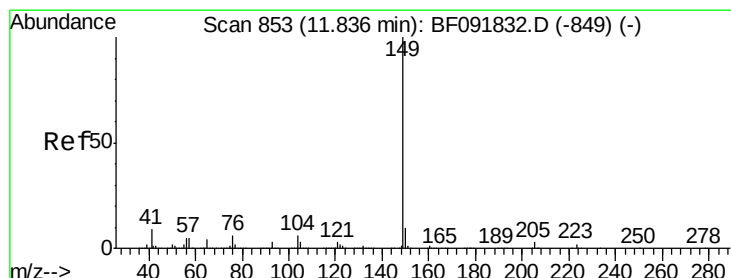
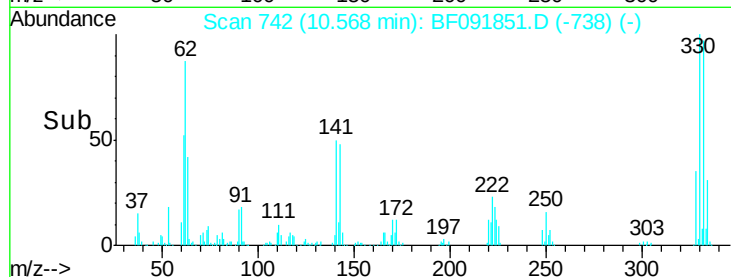
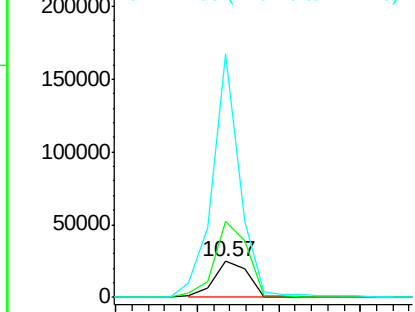


#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Tgt Ion:248 Resp: 35870
 Ion Ratio Lower Upper
 248 100
 250 211.9 76.9 115.3#
 141 674.4 68.2 102.4#

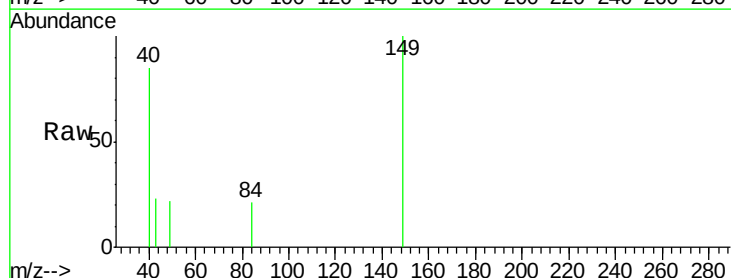


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

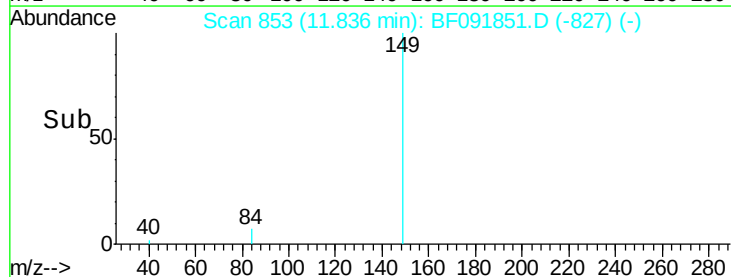
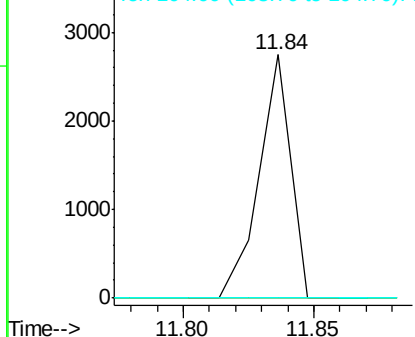


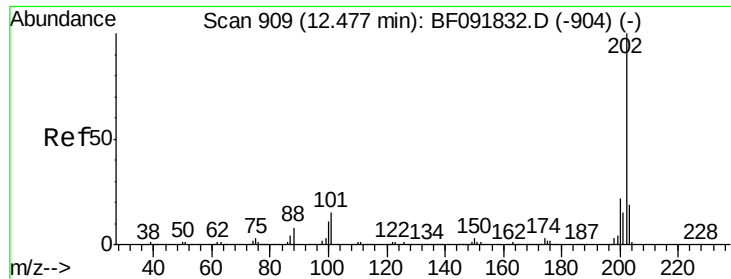
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF091851.D
 Acq: 21 Dec 2016 23:24

Tgt Ion:149 Resp: 2336
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 4.6 7.0#



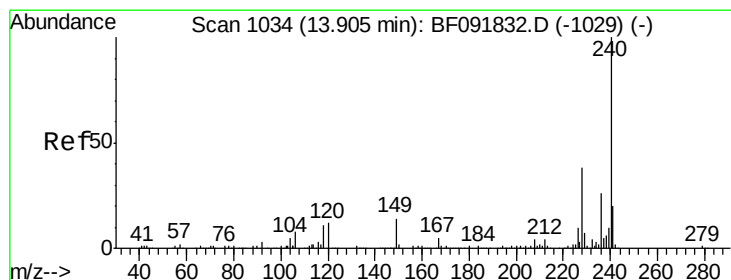
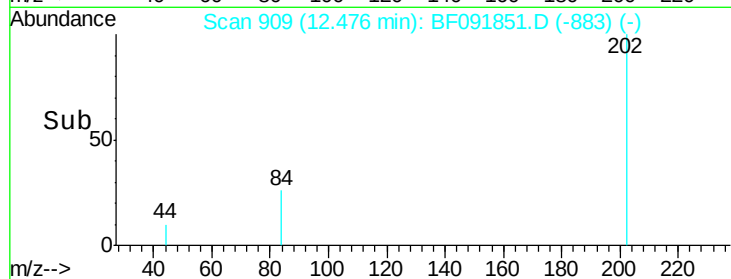
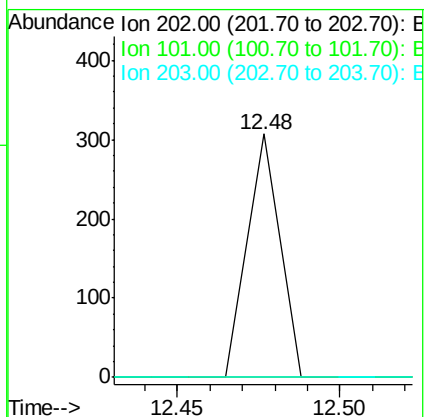
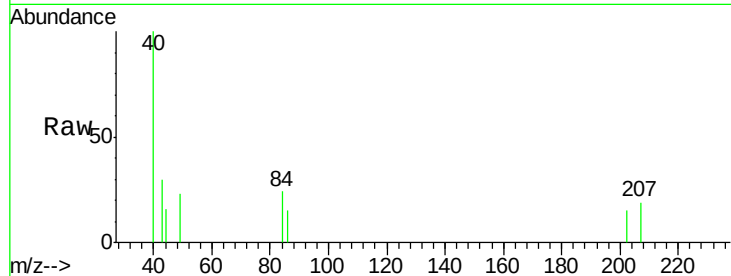
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





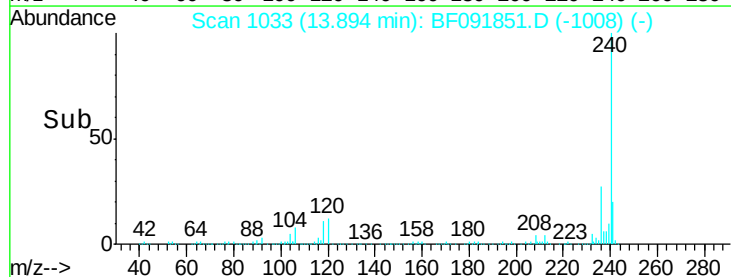
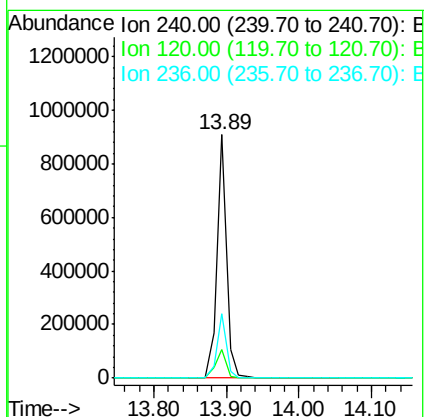
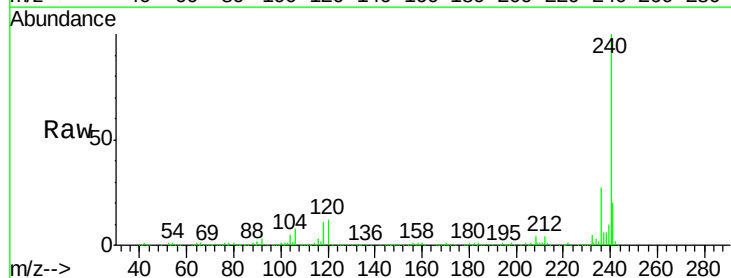
#74
Fluoranthene
Concen: Below Cal
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

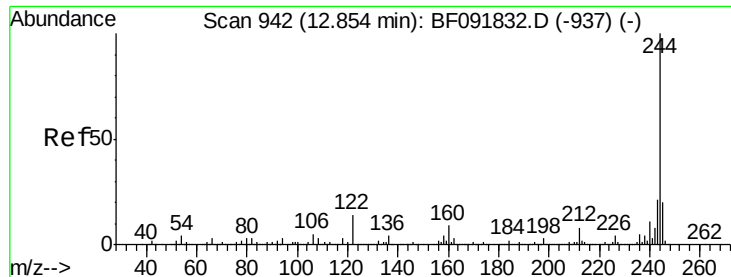
Tgt Ion:	202	Resp:	211
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091851.D
Acq: 21 Dec 2016 23:24

Tgt Ion:	240	Resp:	835674
Ion	Ratio	Lower	Upper
240	100		
120	12.0	12.9	19.3#
236	26.5	20.9	31.3





#78

Terphenyl-d14

Concen: 63.61 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

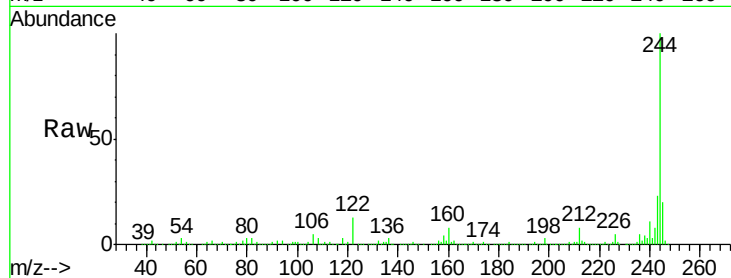
Tgt Ion:244 Resp: 2191880

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

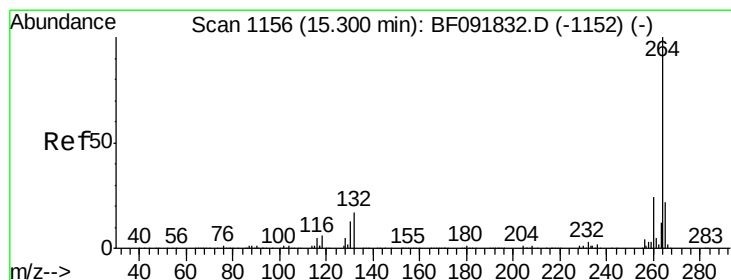
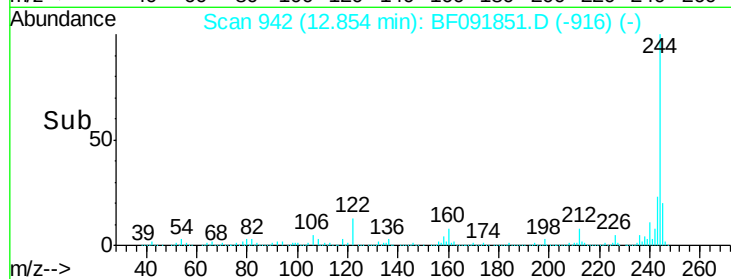
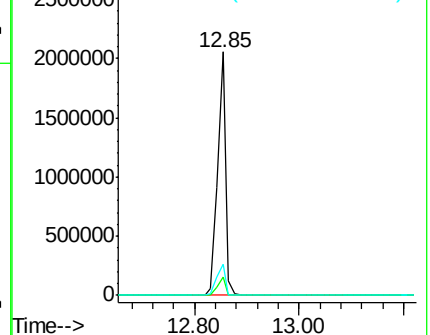
122 12.8 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091851.D

Acq: 21 Dec 2016 23:24

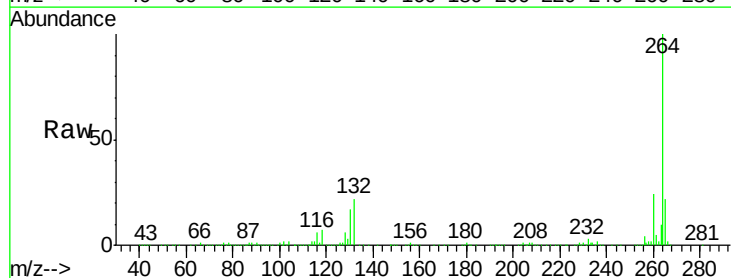
Tgt Ion:264 Resp: 721951

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 17.4 26.0



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

