

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091855.D
 Acq On : 22 Dec 2016 1:13
 Operator : UM/SJ
 Sample : H6156-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

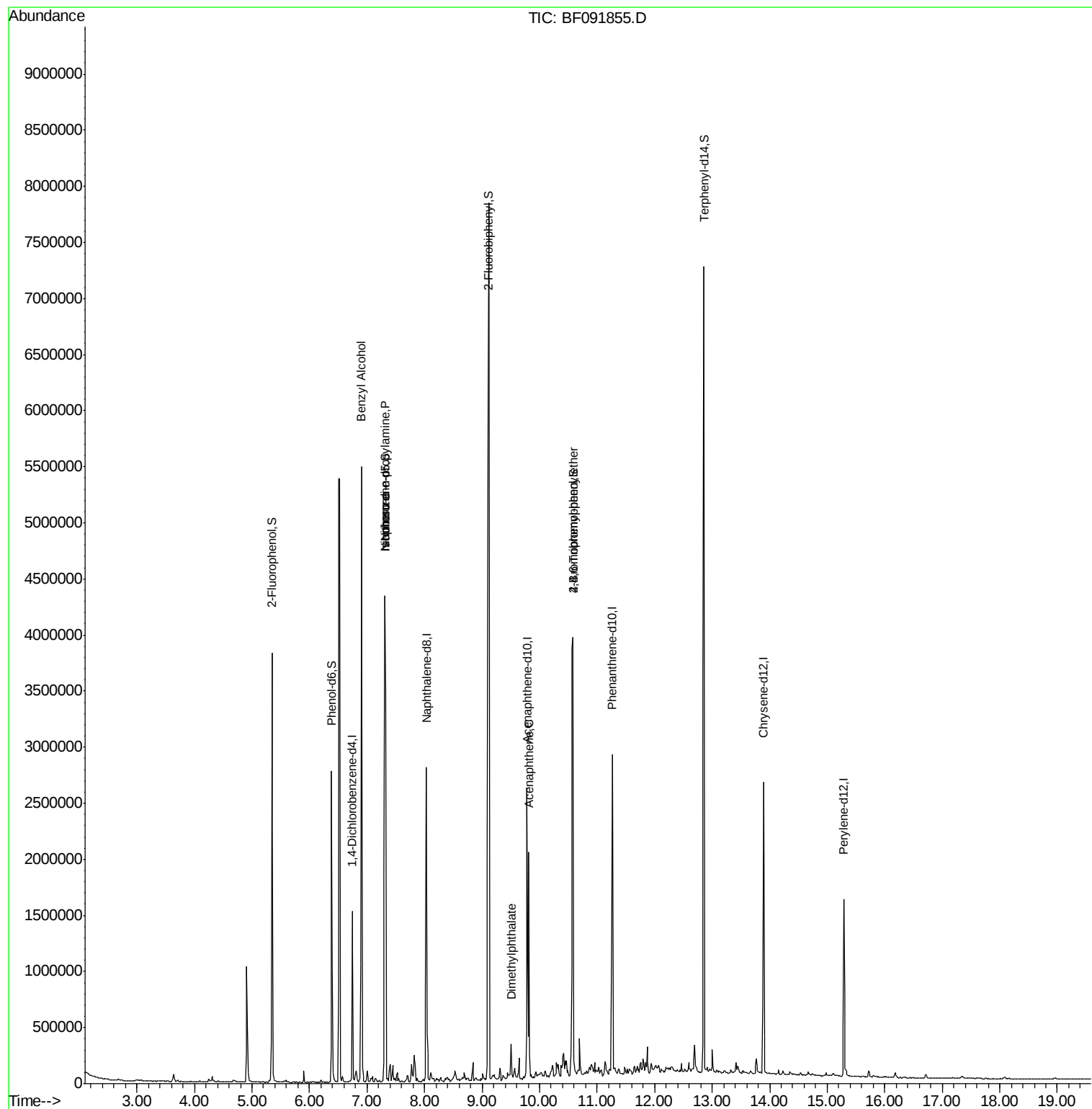
Quant Time: Dec 22 03:28:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

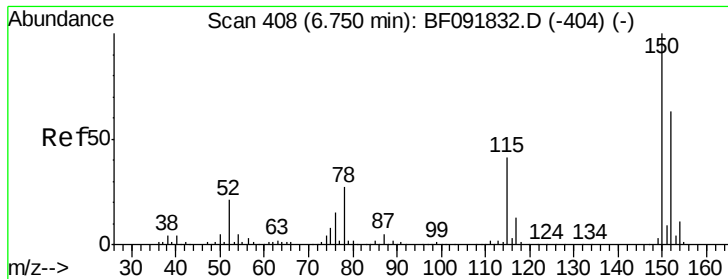
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	319350	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1347963	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	659707	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1102847	20.00	ng	0.00
75) Chrysene-d12	13.89	240	881650	20.00	ng	-0.01
86) Perylene-d12	15.29	264	701366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1372649	71.77	ng	0.00
7) Phenol-d6	6.38	99	1070806	45.86	ng	-0.02
23) Nitrobenzene-d5	7.31	82	2351128	96.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	811585	148.65	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3560361	115.15	ng	0.00
78) Terphenyl-d14	12.85	244	2563778	70.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	2189	Below Cal	#	1
15) Benzyl Alcohol	6.90	79	36476	2.01 ng	#	42
19) n-Nitroso-di-n-propylamine	7.31	70	309660	19.93 ng	#	77
25) Isophorone	7.31	82	1850312	41.37 ng	#	65
49) Dimethylphthalate	9.50	163	123619	2.93 ng		99
51) Acenaphthene	9.81	154	441860	11.85 ng		99
66) 4-Bromophenyl-phenylether	10.58	248	51698	4.51 ng	#	1
71) Anthracene	11.33	178	8934	Below Cal	#	90
73) Di-n-butylphthalate	11.84	149	6450	Below Cal	#	69
74) Fluoranthene	12.47	202	33769	Below Cal		97
76) Benzydine	12.56	184	1698	Below Cal	#	1

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

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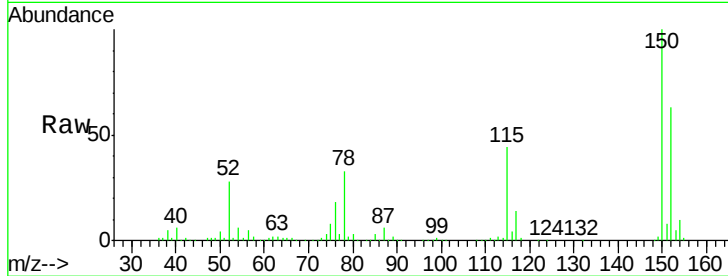




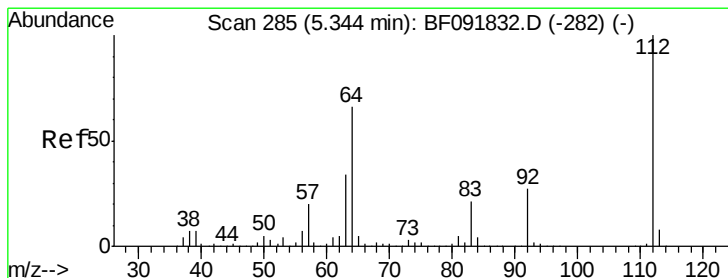
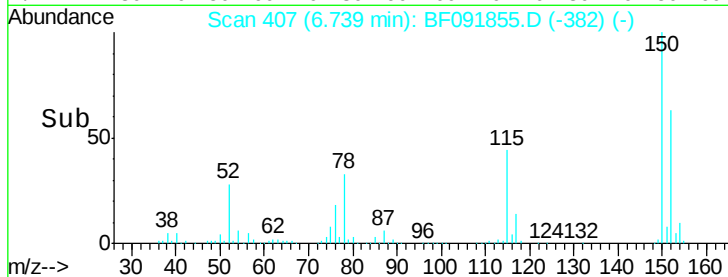
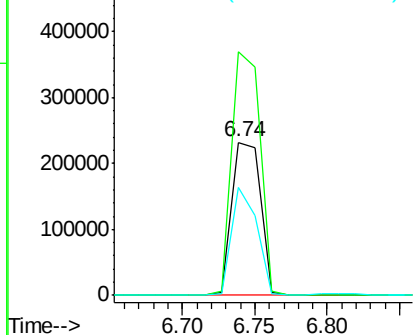
#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091855.D
 Acq: 22 Dec 2016 1:13

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	70.7	46.0	69.0



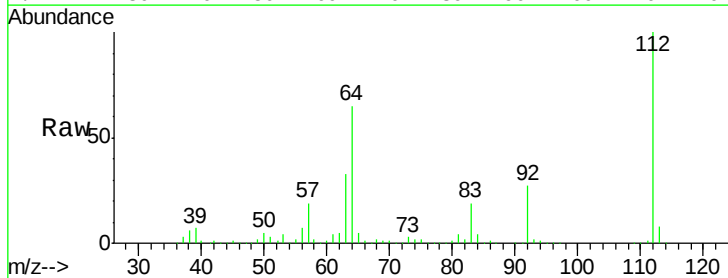
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



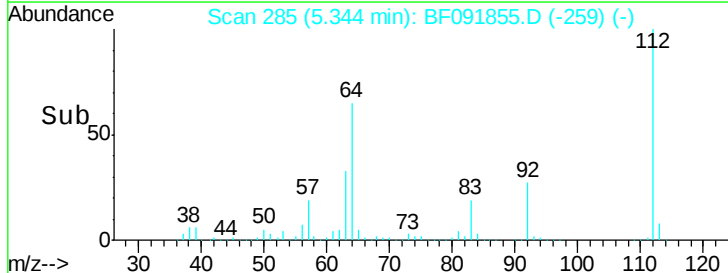
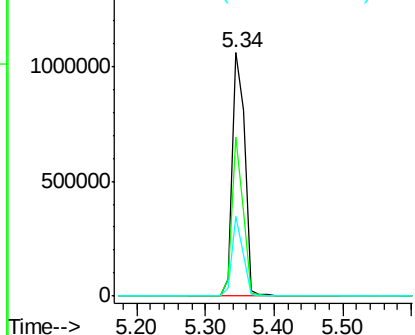
#5

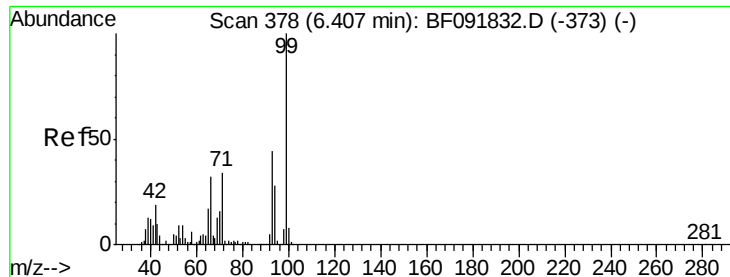
2-Fluorophenol
 Concen: 71.77 ng
 RT: 5.34 min Scan# 285
 Delta R.T. 0.00 min
 Lab File: BF091855.D
 Acq: 22 Dec 2016 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.1	69.1
63	32.5	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: 45.86 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF091855.D

Acq: 22 Dec 2016 1:13

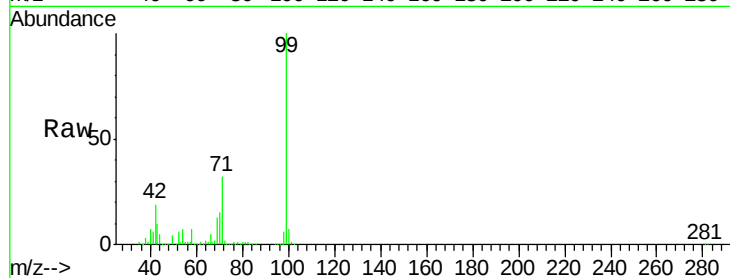
Tgt Ion: 99 Resp: 1070806

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	32.1	27.5	41.3

99 100

42 19.0 15.6 23.4

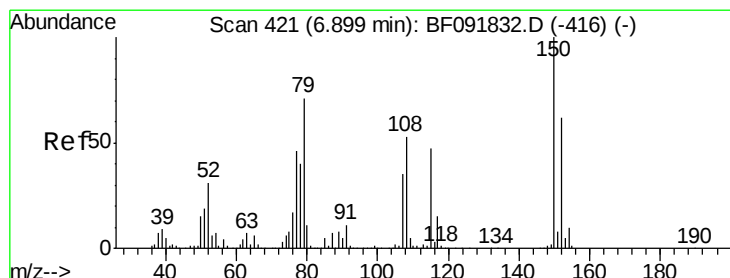
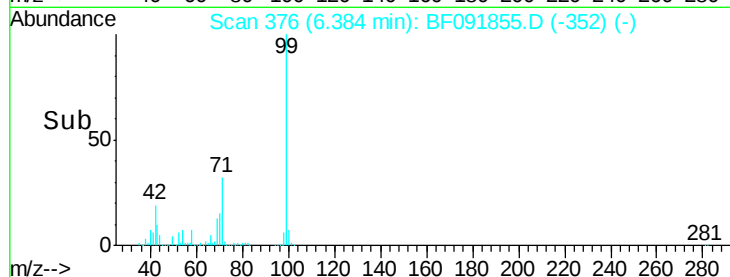
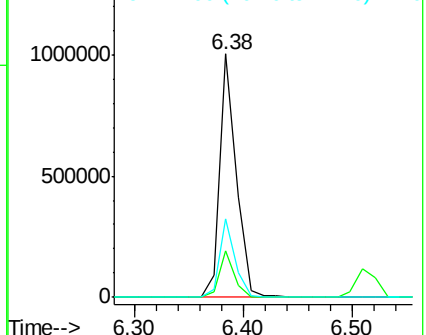
71 32.1 27.5 41.3



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: 2.01 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091855.D

Acq: 22 Dec 2016 1:13

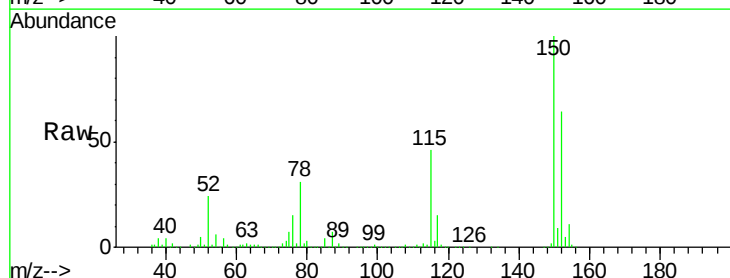
Tgt Ion: 79 Resp: 36476

Ion	Ratio	Lower	Upper
79	100		
108	26.1	61.4	92.0#
77	107.6	50.9	76.3#

79 100

108 26.1 61.4 92.0#

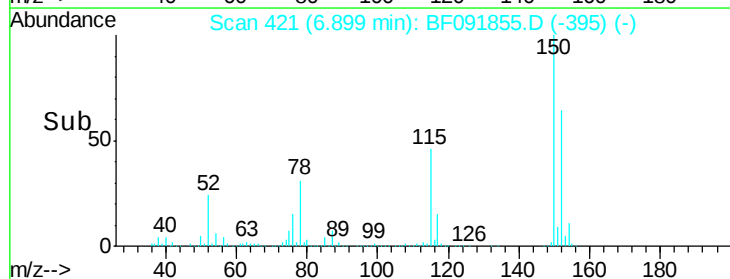
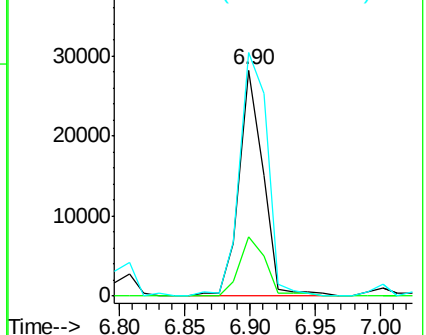
77 107.6 50.9 76.3#

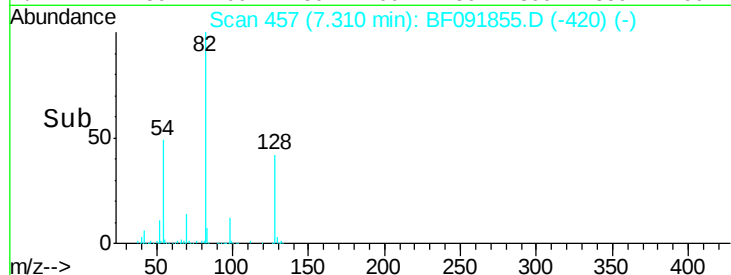
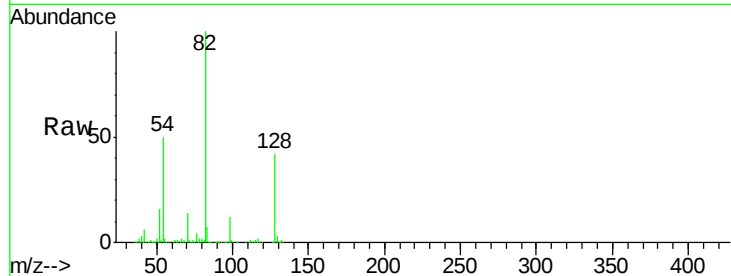
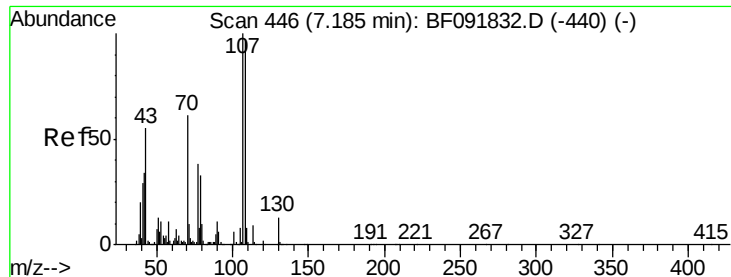


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

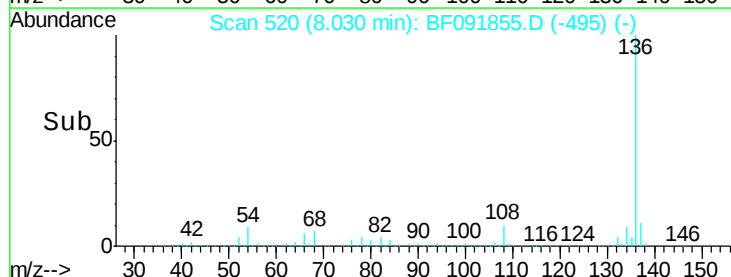
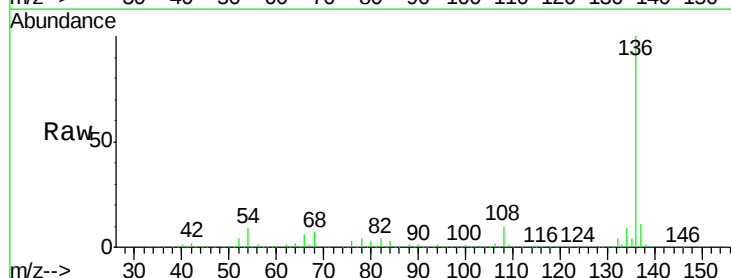
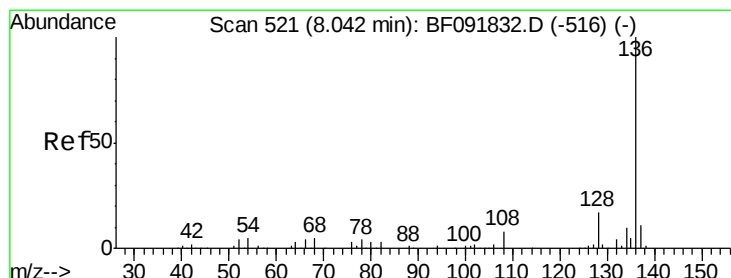
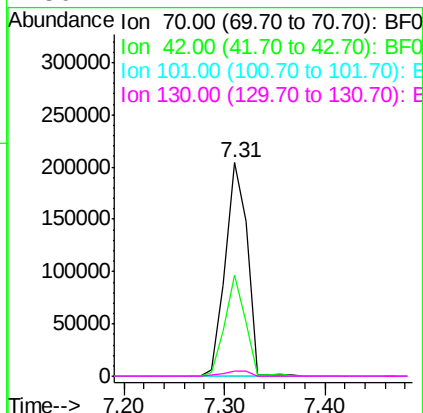
Ion 77.00 (76.70 to 77.70): BF0





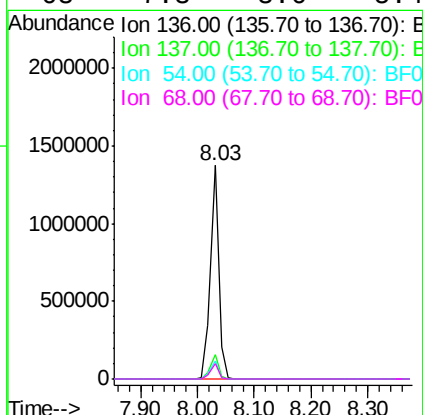
#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

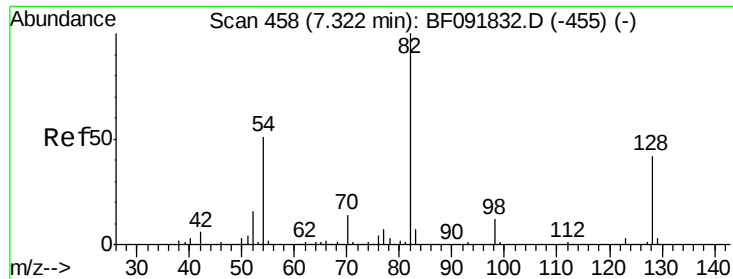
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

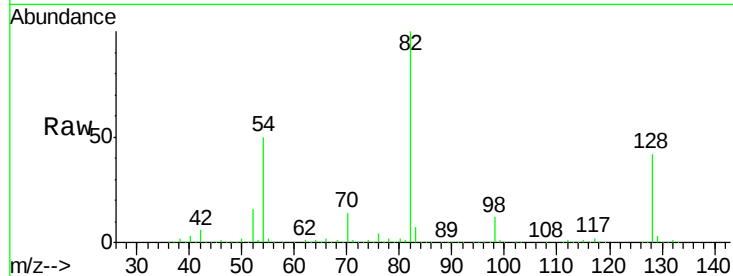
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.5	4.5	6.7#
68	7.3	3.6	5.4#



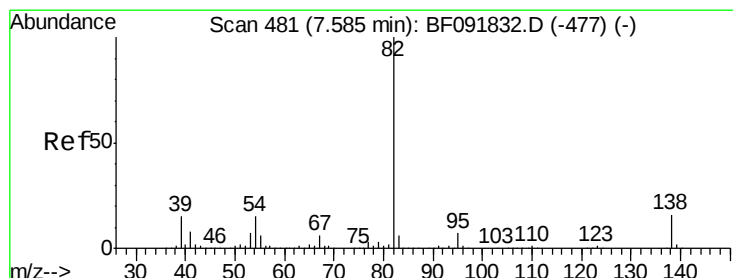
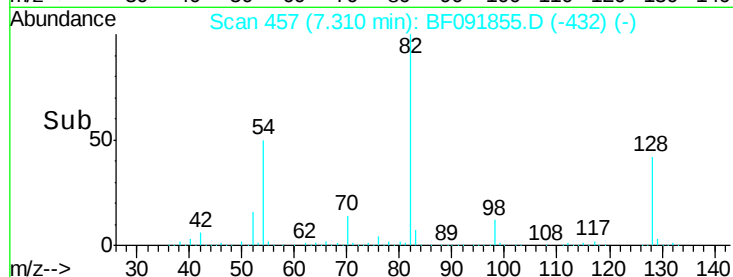
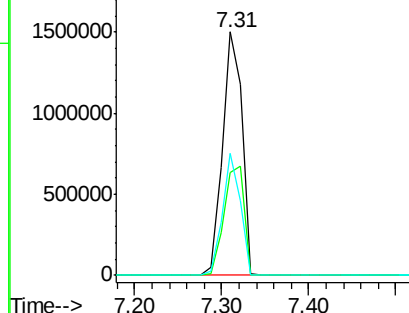


#23
Nitrobenzene-d5
Concen: 96.99 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion: 82 Resp: 2351128
Ion Ratio Lower Upper
82 100
128 42.2 34.6 52.0
54 50.1 39.5 59.3

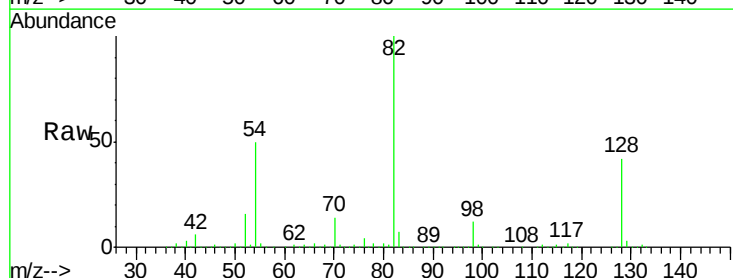


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

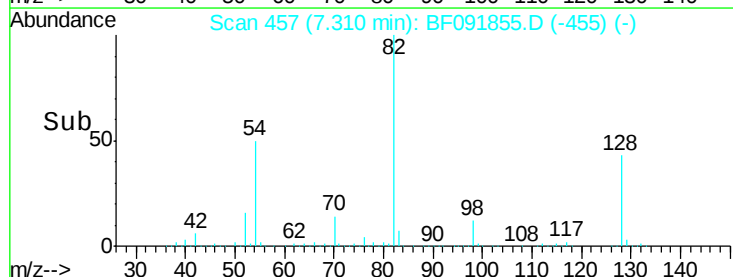
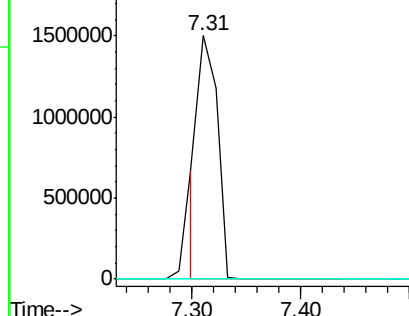


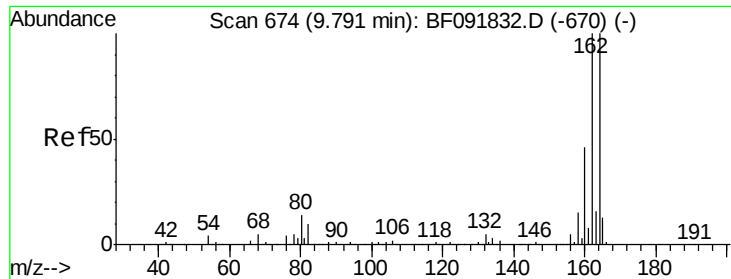
#25
Isophorone
Concen: 41.37 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.27 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion: 82 Resp: 1850312
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



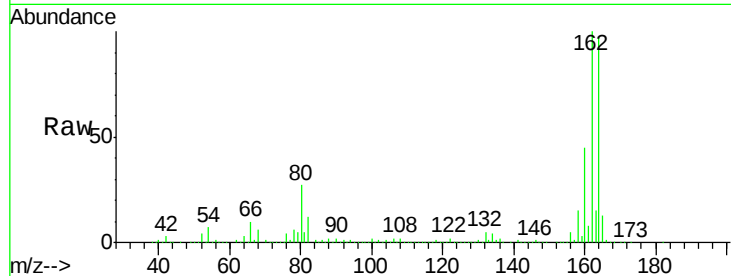
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



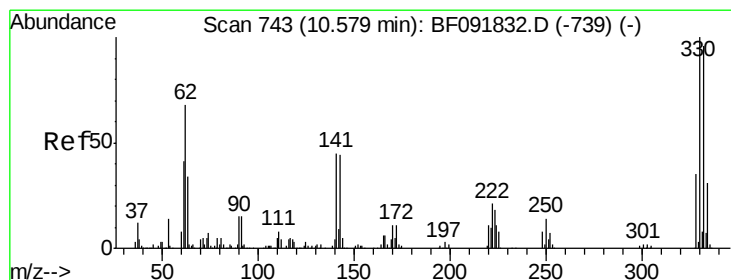
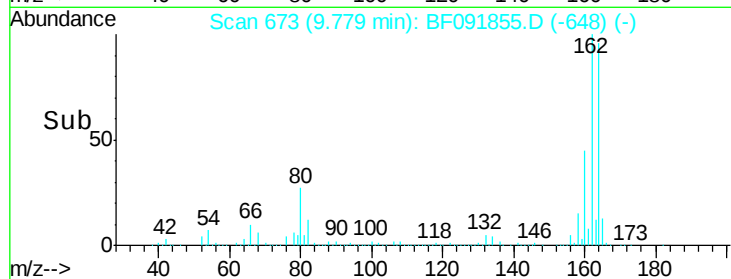
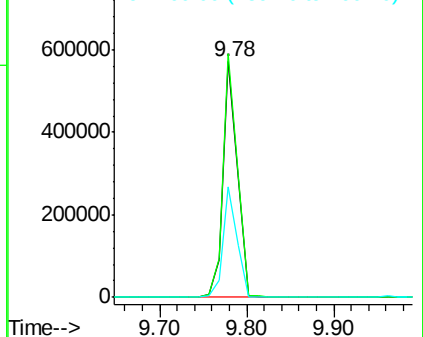


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.2	120.2
160	46.8	36.9	55.3

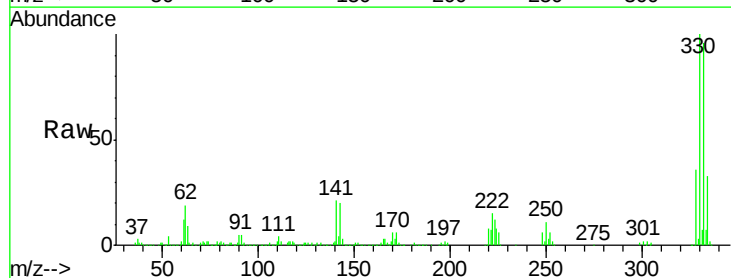


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

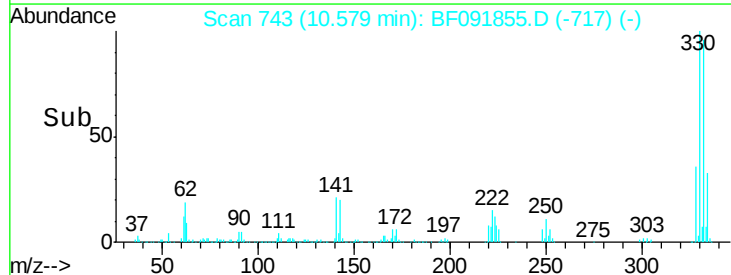
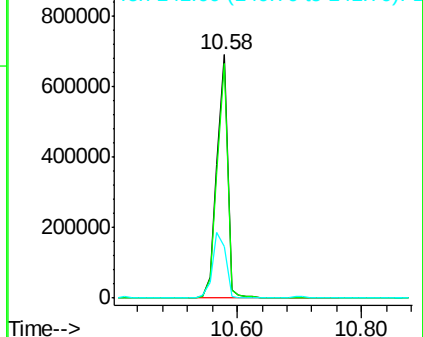


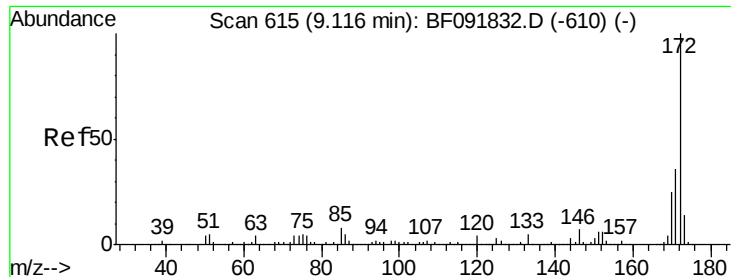
#41
2,4,6-Tribromophenol
Concen: 148.65 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	33.4	34.1	51.1#



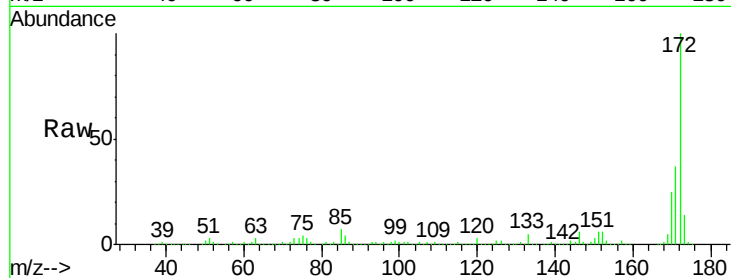
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



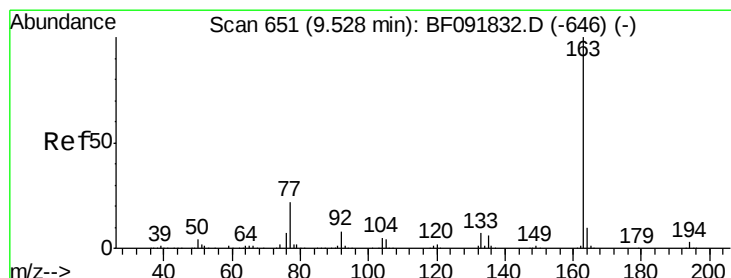
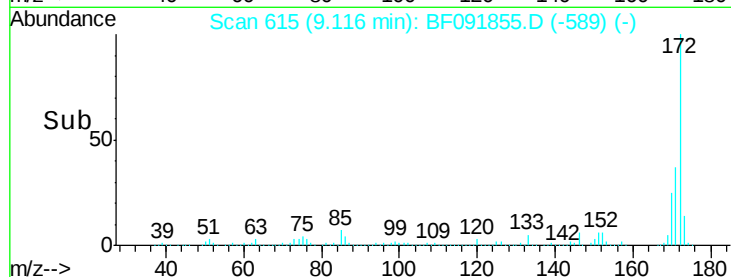
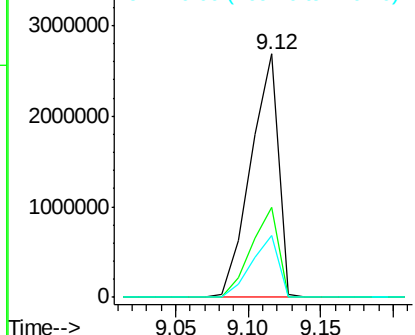


#44
 2-Fluorobiphenyl
 Concen: 115.15 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091855.D
 Acq: 22 Dec 2016 1:13

Tgt Ion:172 Resp: 3560361
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.4 20.2 30.4

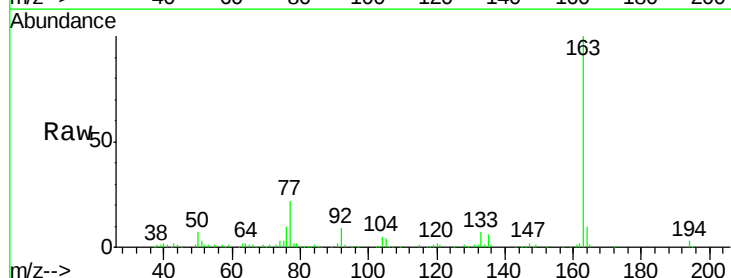


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

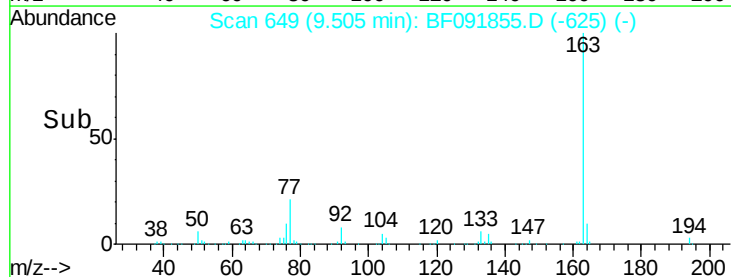
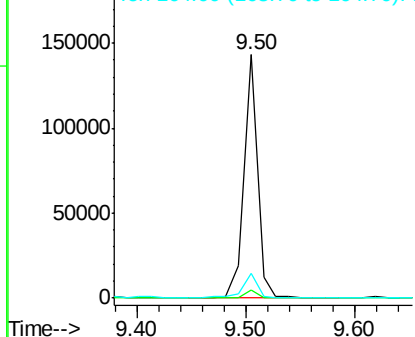


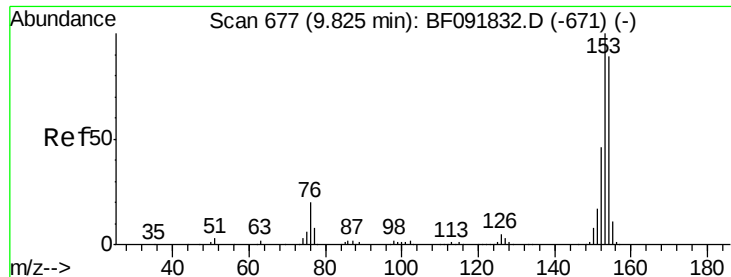
#49
 Dimethylphthalate
 Concen: 2.93 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091855.D
 Acq: 22 Dec 2016 1:13

Tgt Ion:163 Resp: 123619
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.3 8.0 12.0



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





#51

Acenaphthene

Concen: 11.85 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091855.D

Acq: 22 Dec 2016 1:13

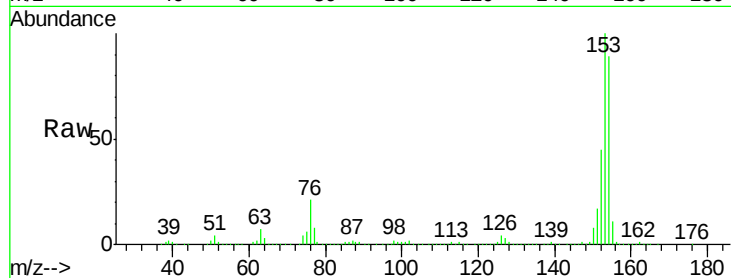
Tgt Ion:154 Resp: 441860

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

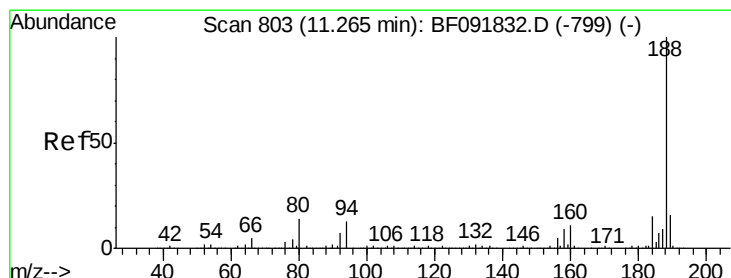
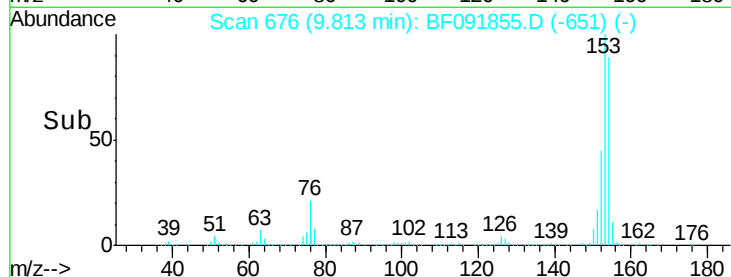
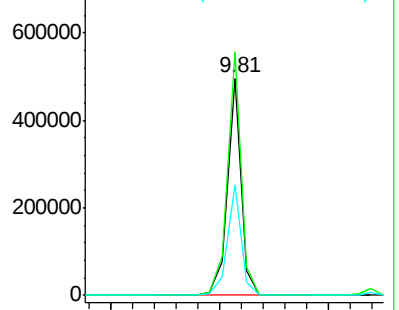
152 50.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091855.D

Acq: 22 Dec 2016 1:13

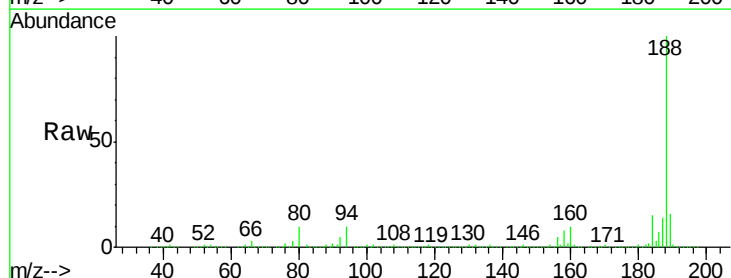
Tgt Ion:188 Resp: 1102847

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

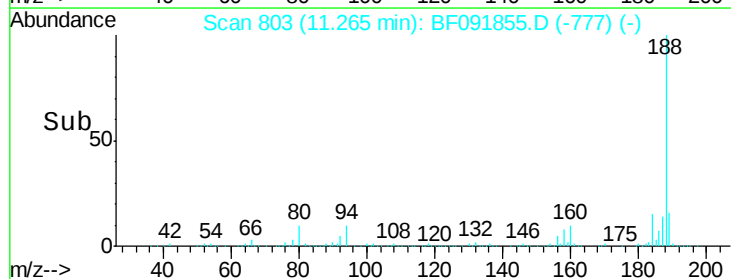
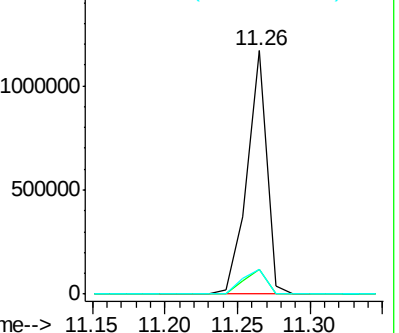
80 10.1 11.2 16.8#

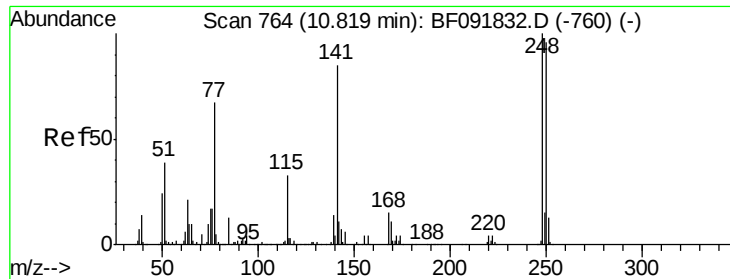


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

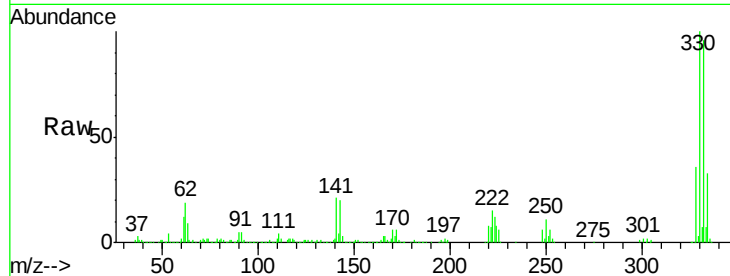
Ion 80.00 (79.70 to 80.70): BF0



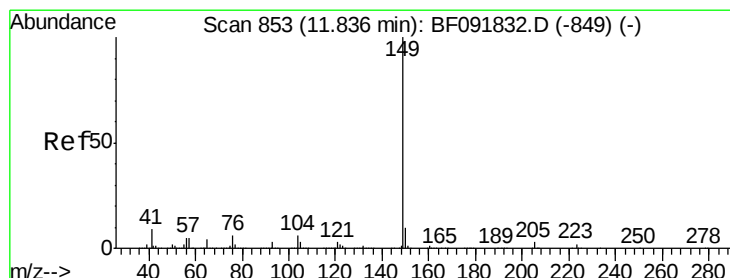
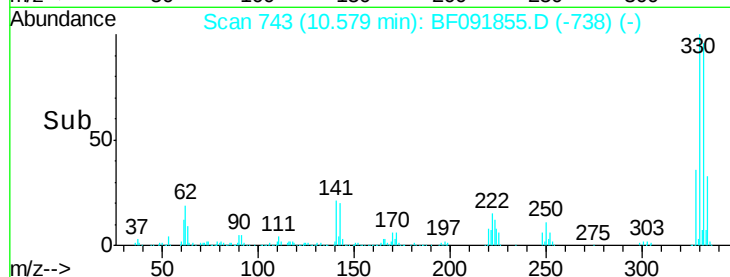
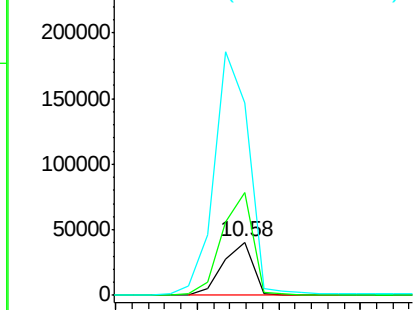


#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.24 min
 Lab File: BF091855.D
 Acq: 22 Dec 2016 1:13

Tgt Ion:248 Resp: 51698
 Ion Ratio Lower Upper
 248 100
 250 193.5 76.9 115.3#
 141 363.4 68.2 102.4#

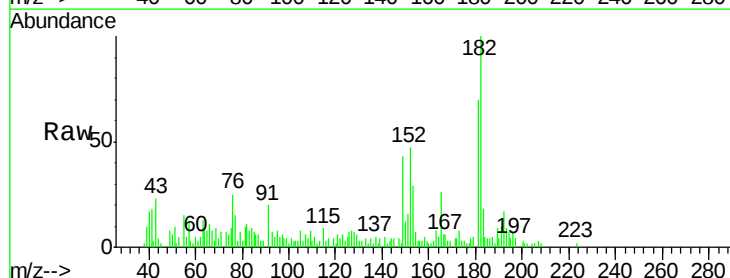


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

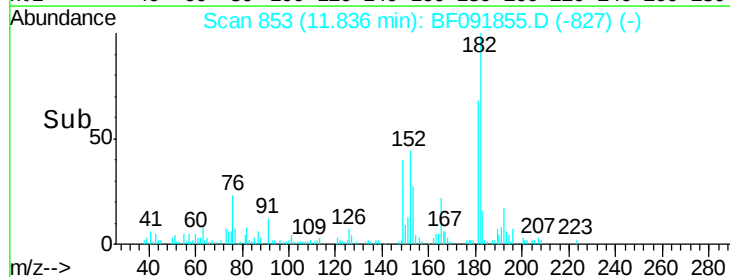
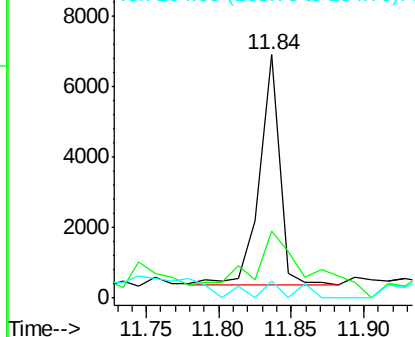


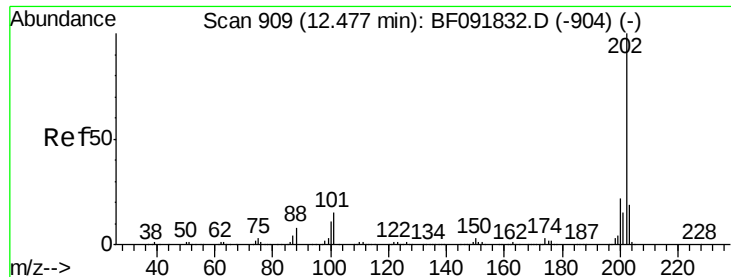
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF091855.D
 Acq: 22 Dec 2016 1:13

Tgt Ion:149 Resp: 6450
 Ion Ratio Lower Upper
 149 100
 150 27.3 8.1 12.1#
 104 6.9 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: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091855.D

Acq: 22 Dec 2016 1:13

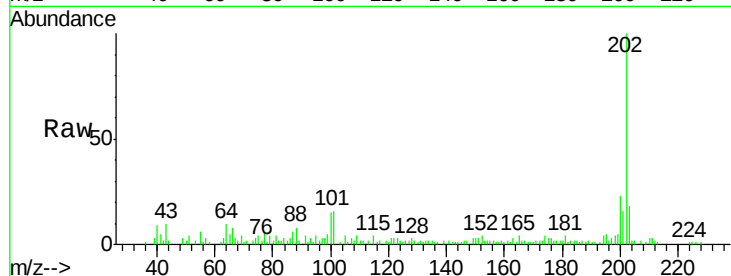
Tgt Ion: 202 Resp: 33769

Ion Ratio Lower Upper

202 100

101 16.5 0.0 34.6

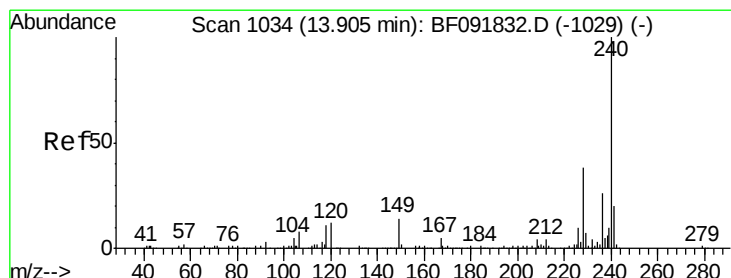
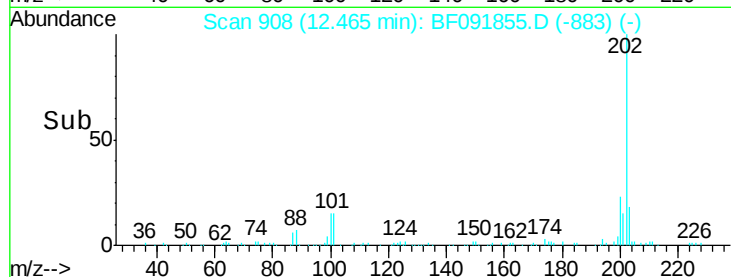
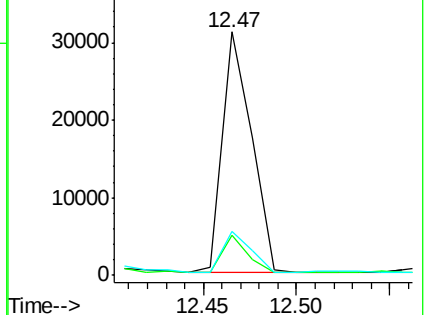
203 18.0 0.0 38.7



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: BF091855.D

Acq: 22 Dec 2016 1:13

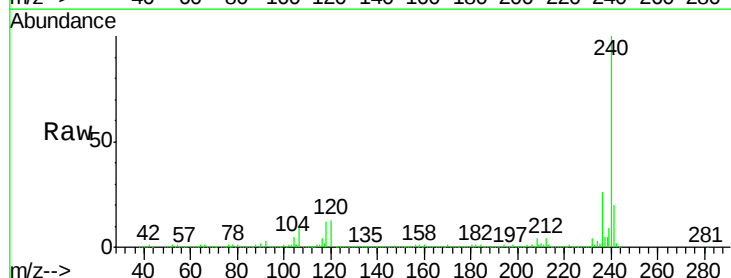
Tgt Ion: 240 Resp: 881650

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

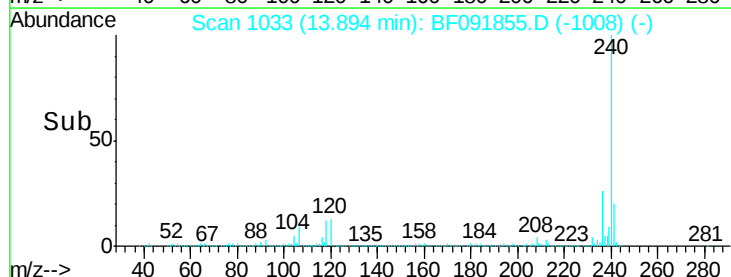
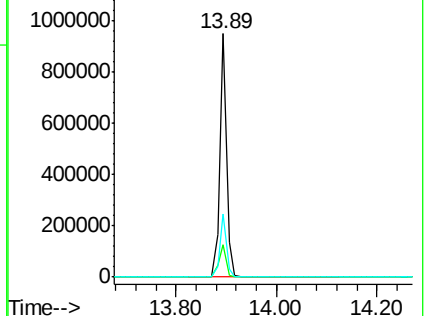
236 25.9 20.9 31.3

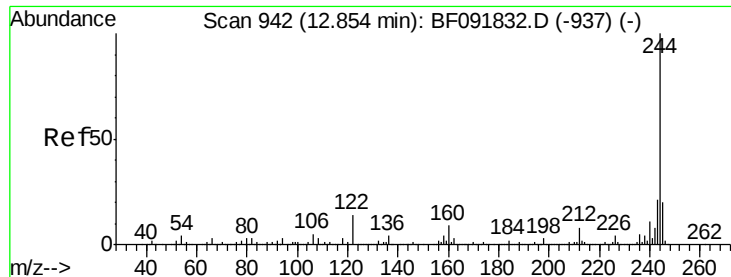


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.53 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091855.D

Acq: 22 Dec 2016 1:13

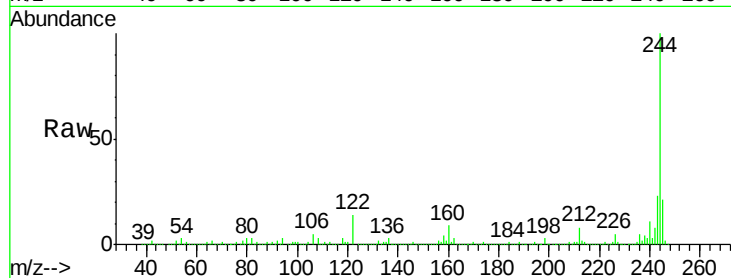
Tgt Ion:244 Resp: 2563778

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

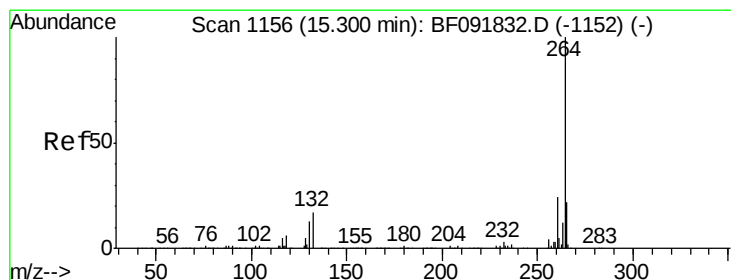
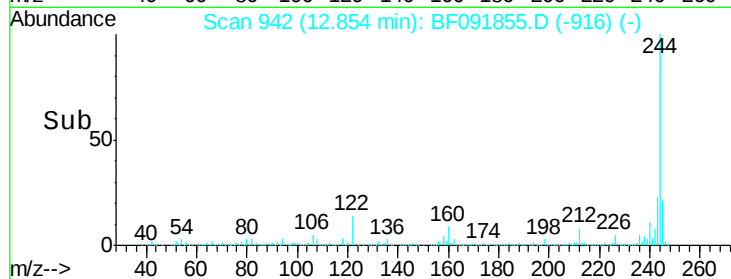
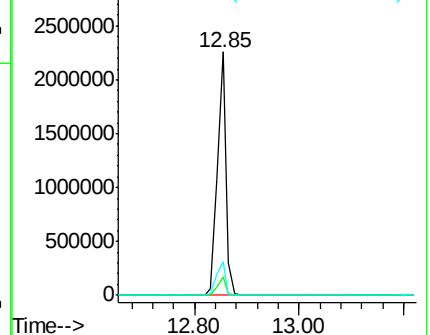
122 14.1 11.4 17.2



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: BF091855.D

Acq: 22 Dec 2016 1:13

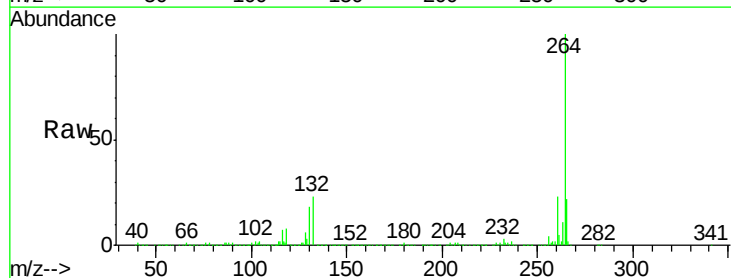
Tgt Ion:264 Resp: 701366

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.1 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

