

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092332.D
 Acq On : 17 Jan 2017 22:52
 Operator : UM/SJ
 Sample : I1242-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Jan 18 00:00:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

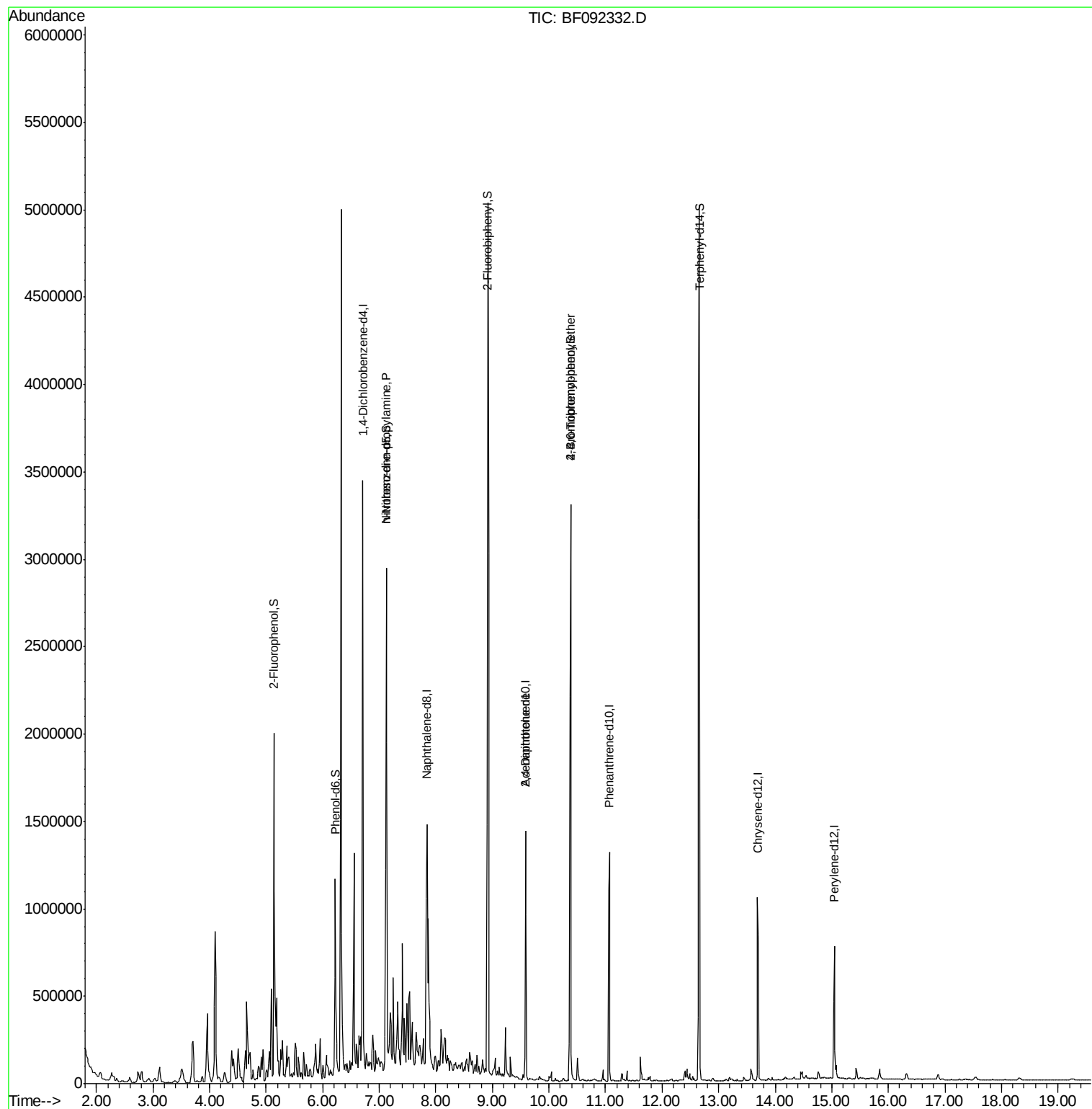
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	736926	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	794590	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	407530	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	682794	20.00	ng	-0.09
75) Chrysene-d12	13.69	240	498732	20.00	ng	-0.10
86) Perylene-d12	15.05	264	356631	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	806876	18.28	ng	-0.10
7) Phenol-d6	6.22	99	555341	10.31	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1380342	96.60	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	489717	145.20	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	2271426	119.42	ng	-0.09
78) Terphenyl-d14	12.66	244	1951424	94.90	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.21	77	3715	Below Cal	#	18
19) n-Nitroso-di-n-propylamine	7.12	70	185012	5.16 ng	#	78
37) 2-Methylnaphthalene	8.56	142	321	Below Cal	#	1
56) 2,4-Dinitrotoluene	9.58	165	53024	7.41 ng	#	20
66) 4-Bromophenyl-phenylether	10.38	248	32770	4.61 ng	#	1
71) Anthracene	11.15	178	252	Below Cal	#	59
73) Di-n-butylphthalate	11.64	149	6797	Below Cal		99
74) Fluoranthene	12.51	202	447	Below Cal		61

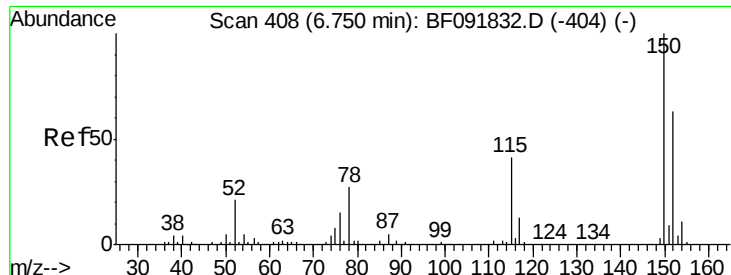
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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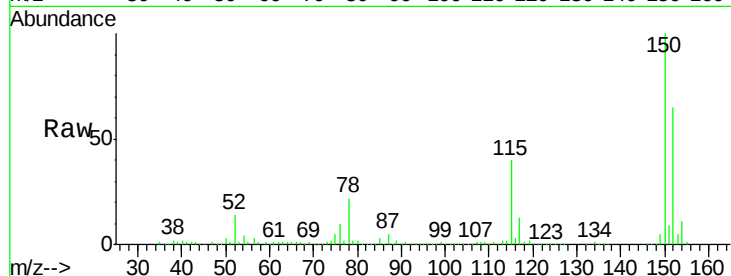




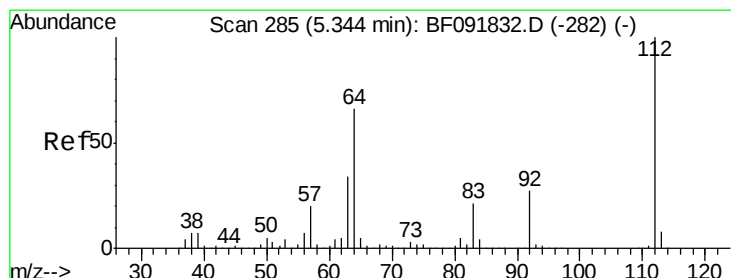
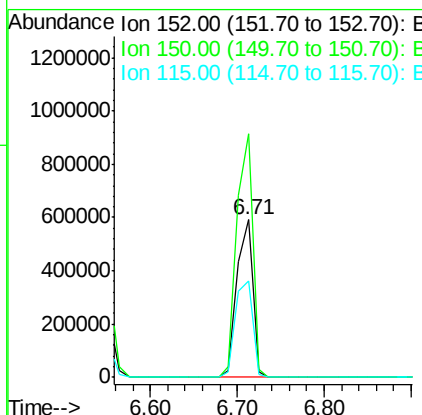
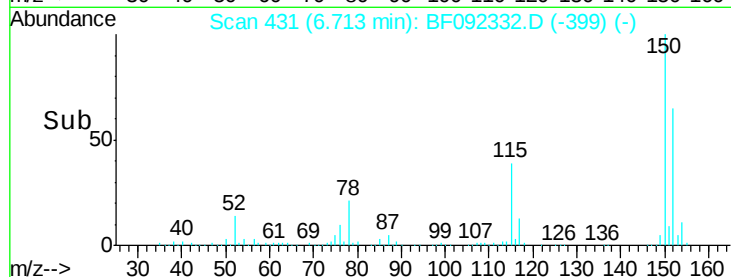
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 431
 Delta R.T. 0.07 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tgt Ion:152 Resp: 736926
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.9 187.3
 115 61.0 46.0 69.0

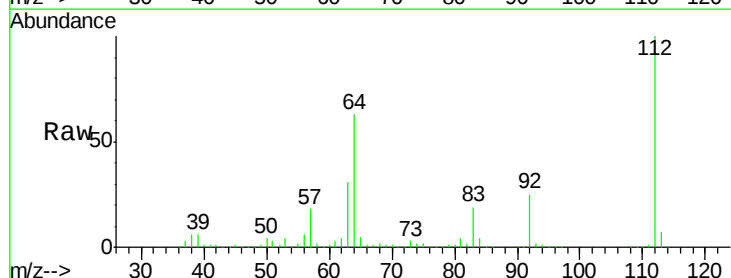


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

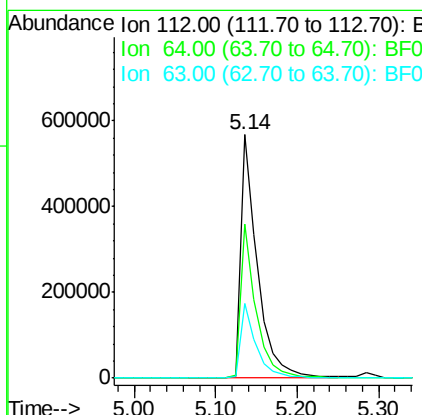
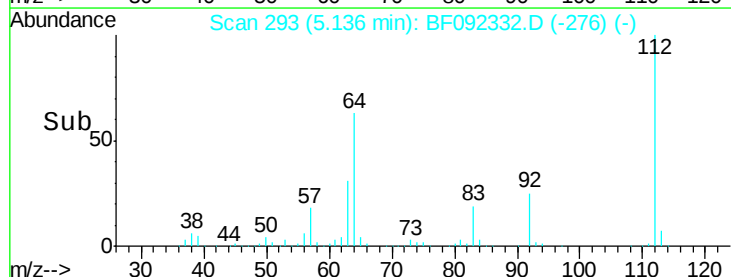


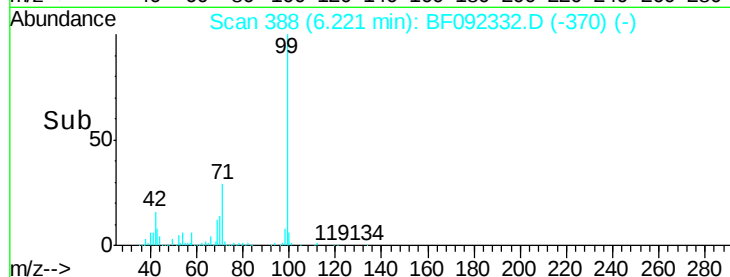
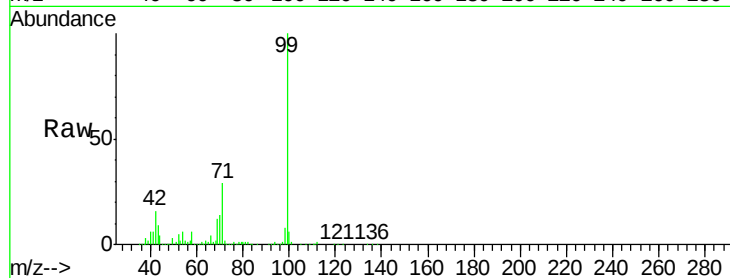
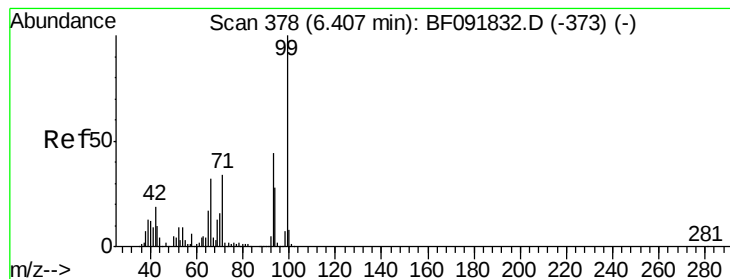
#5
 2-Fluorophenol
 Concen: 18.28 ng
 RT: 5.14 min Scan# 293
 Delta R.T. -0.10 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

Tgt Ion:112 Resp: 806876
 Ion Ratio Lower Upper
 112 100
 64 63.2 46.1 69.1
 63 30.7 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: 10.31 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

W-19

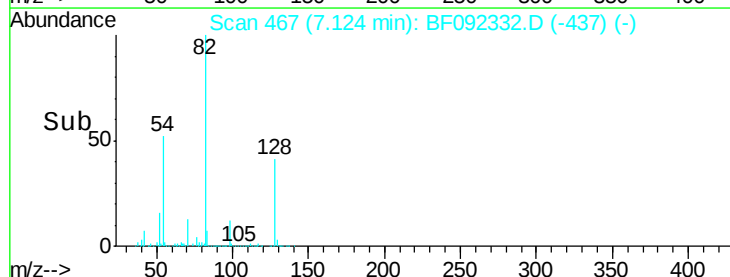
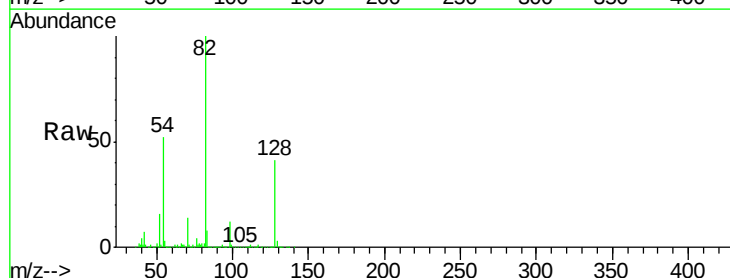
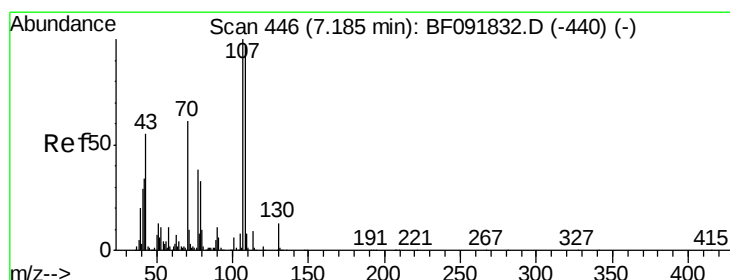
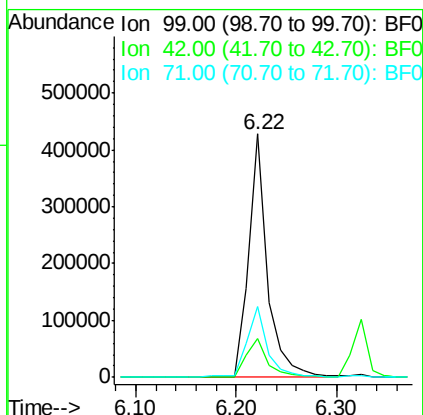
Tgt Ion: 99 Resp: 555341

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

71 29.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.16 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Tgt Ion: 70 Resp: 185012

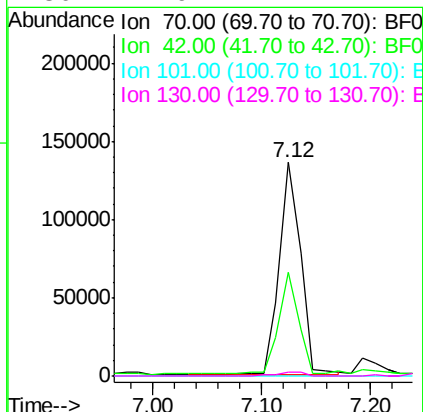
Ion Ratio Lower Upper

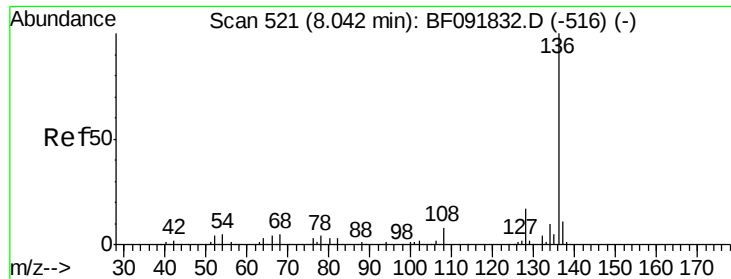
70 100

42 48.5 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.09 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

W-19

Tgt Ion:136 Resp: 794590

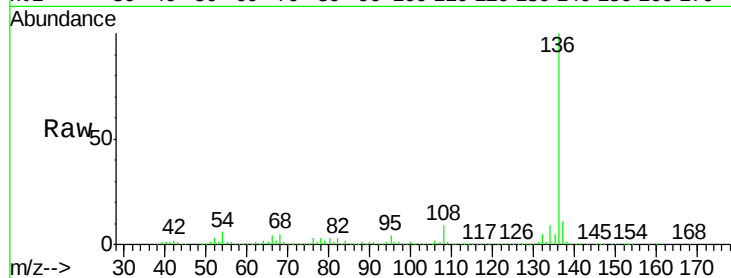
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.4 4.5 6.7

68 5.1 3.6 5.4

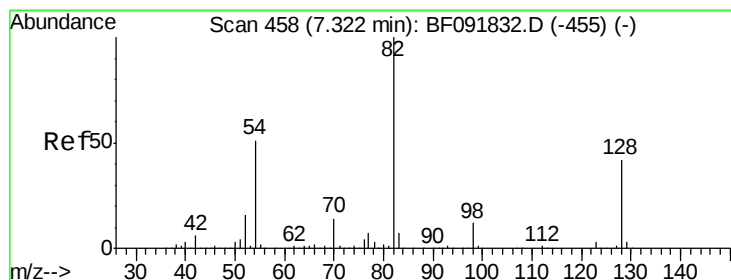
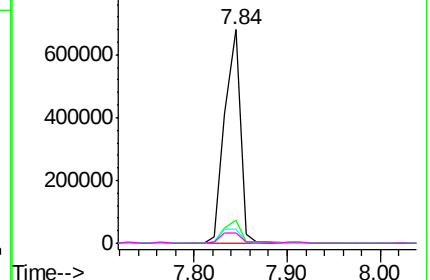
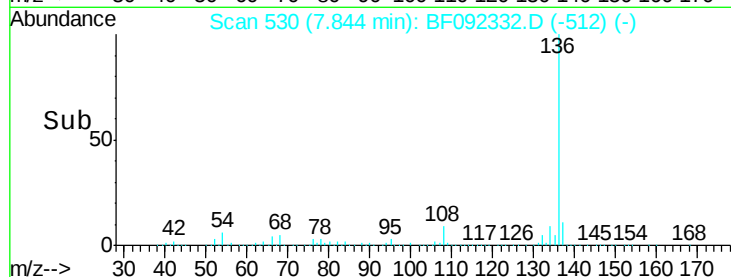


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.60 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.09 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

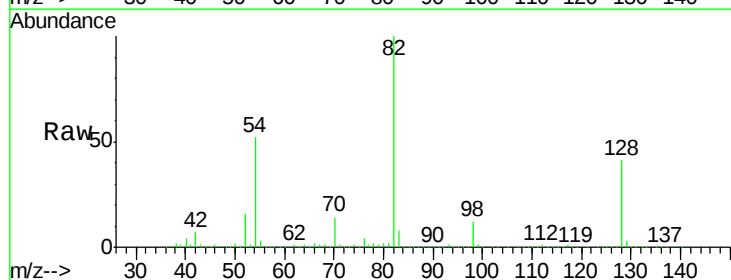
Tgt Ion: 82 Resp: 1380342

Ion Ratio Lower Upper

82 100

128 41.0 34.6 52.0

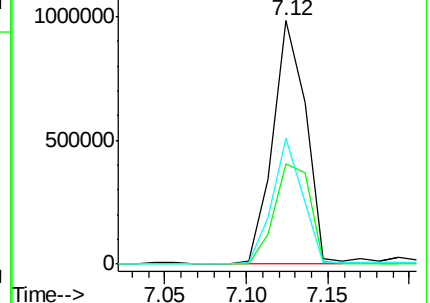
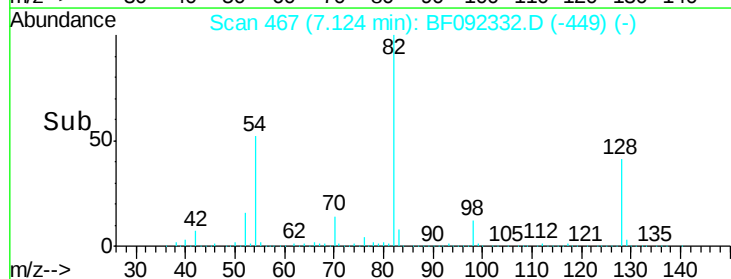
54 51.8 39.5 59.3

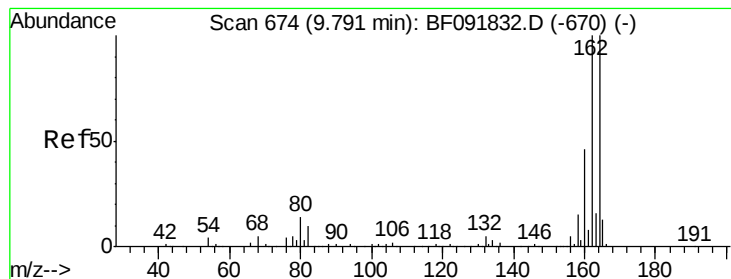


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

W-19

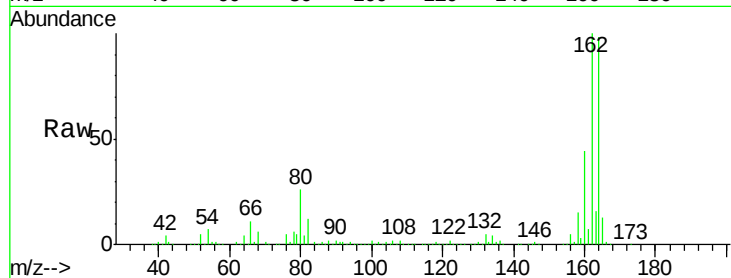
Tgt Ion:164 Resp: 407530

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

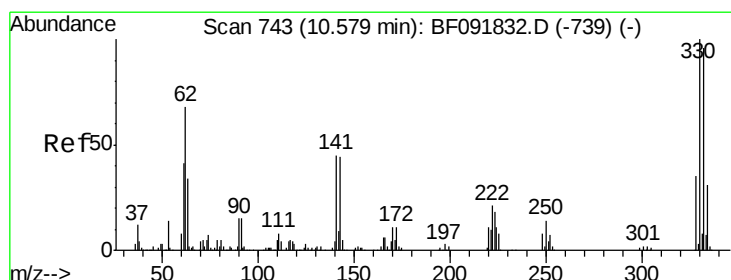
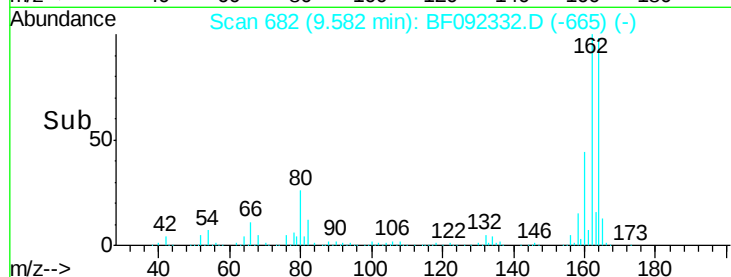
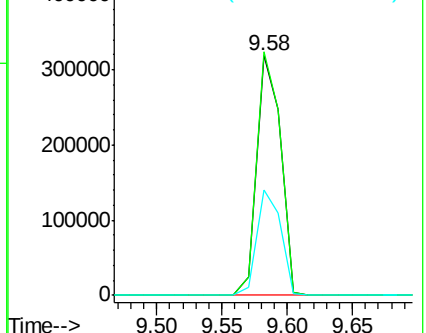
160 44.3 36.9 55.3



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: 145.20 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.09 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

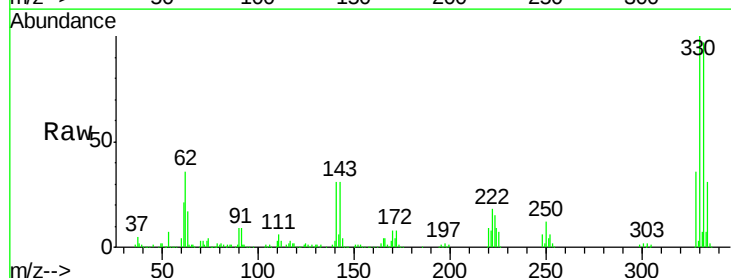
Tgt Ion:330 Resp: 489717

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

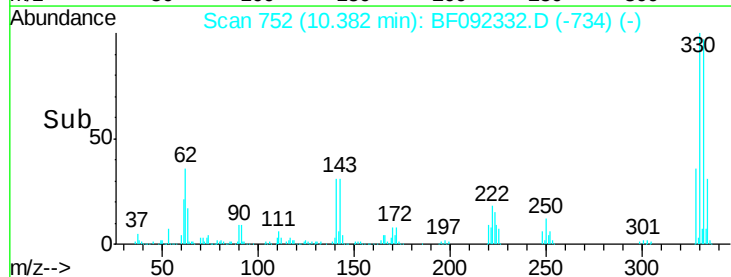
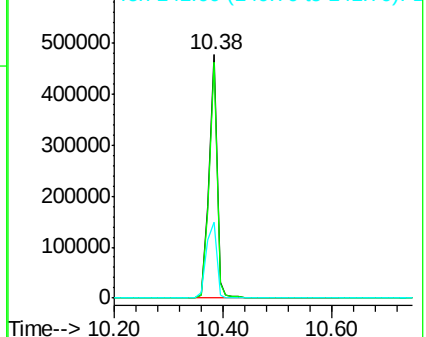
141 40.2 34.1 51.1

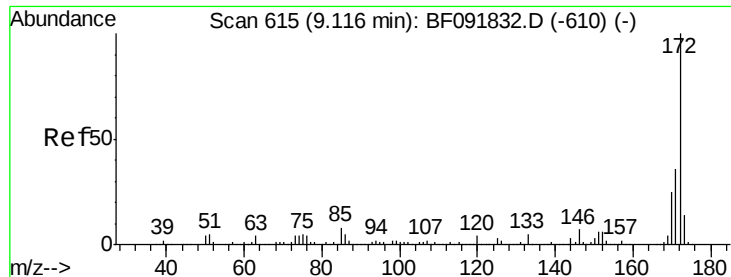


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

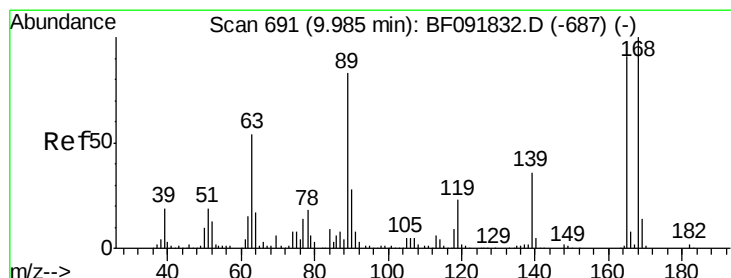
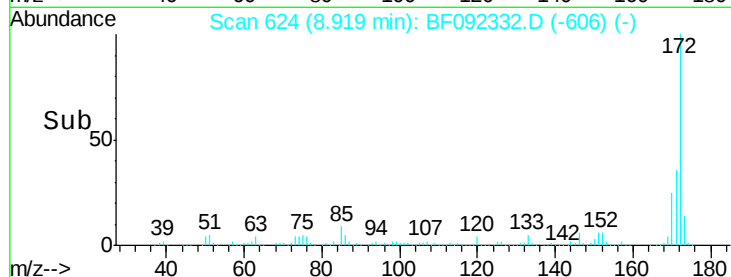
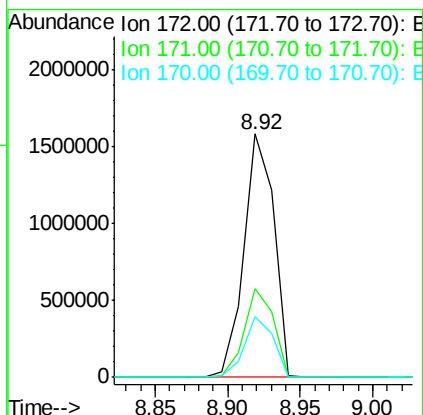
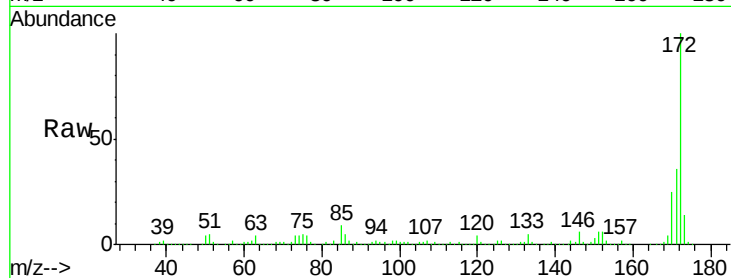




#44
 2-Fluorobiphenyl
 Concen: 119.42 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

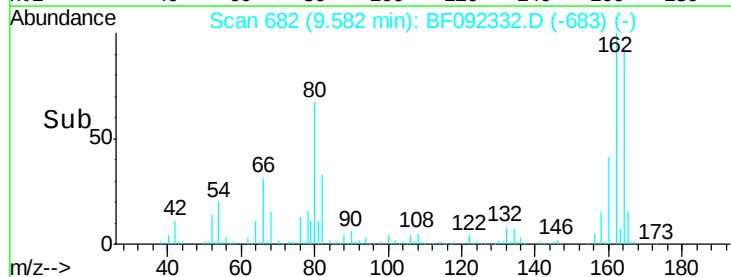
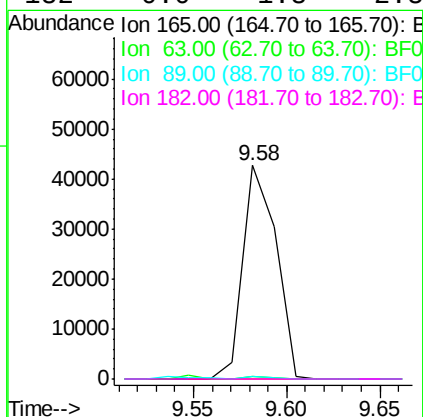
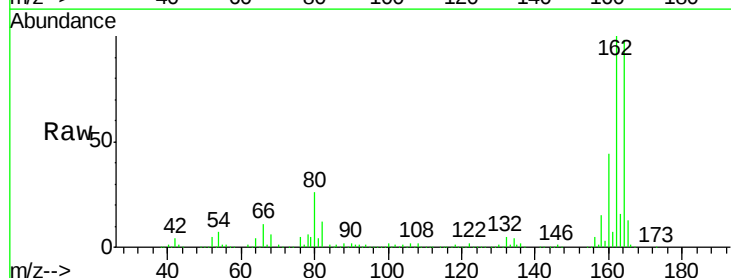
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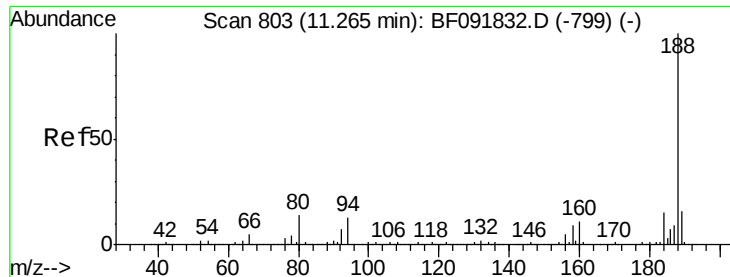
Tgt Ion:172 Resp: 2271426
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.8 20.2 30.4



#56
 2,4-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.31 min
 Lab File: BF092332.D
 Acq: 17 Jan 2017 22:52

Tgt Ion:165 Resp: 53024
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 1.3 62.5 93.7#
 182 0.0 1.8 2.8#

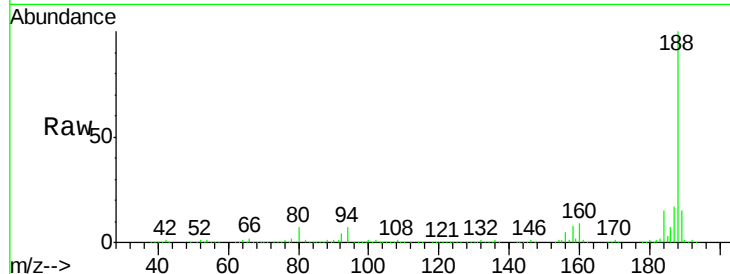




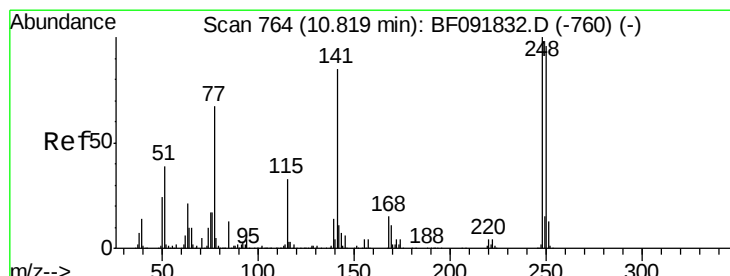
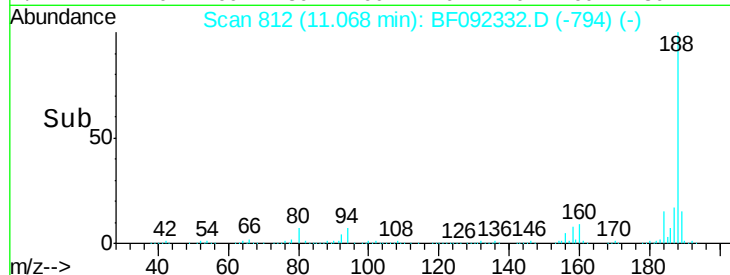
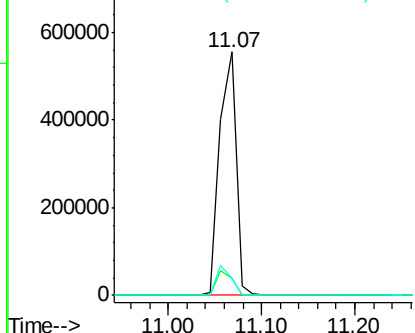
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF092332.D
Acq: 17 Jan 2017 22:52

Instrument :
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Tgt Ion:188 Resp: 682794
Ion Ratio Lower Upper
188 100
94 6.9 10.0 15.0#
80 7.2 11.2 16.8#

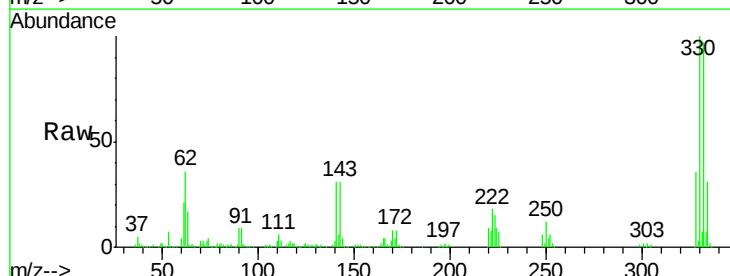


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

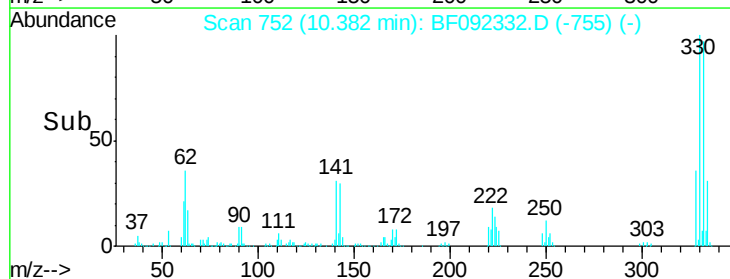
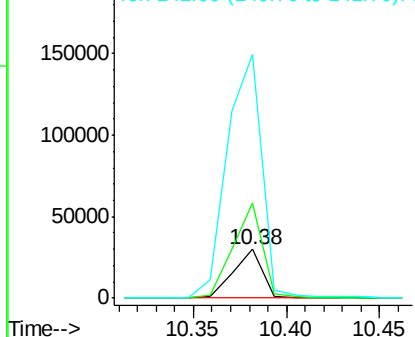


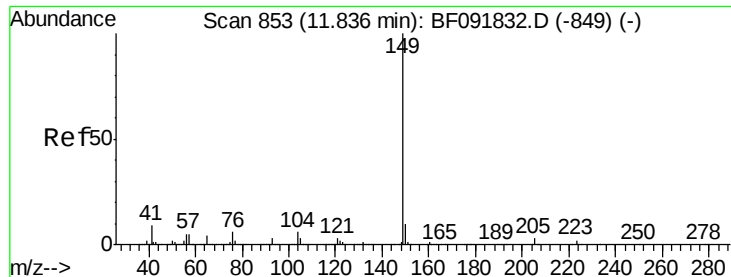
#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092332.D
Acq: 17 Jan 2017 22:52

Tgt Ion:248 Resp: 32770
Ion Ratio Lower Upper
248 100
250 195.8 76.9 115.3#
141 500.9 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: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

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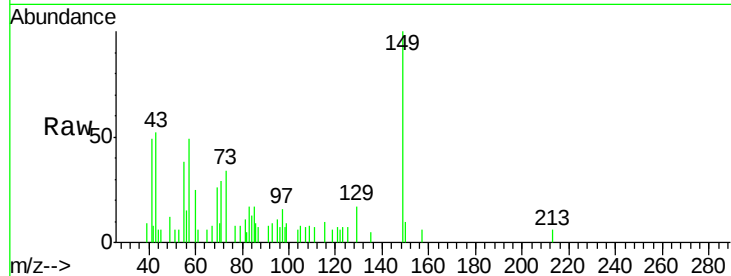
Tgt Ion:149 Resp: 6797

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

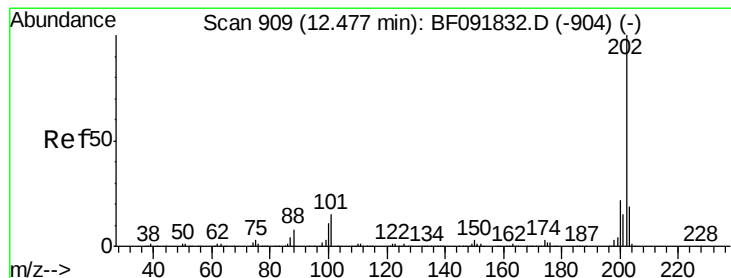
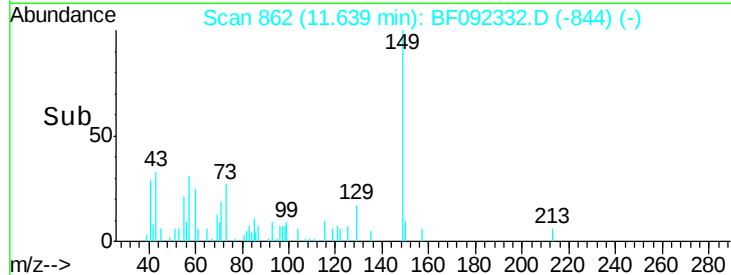
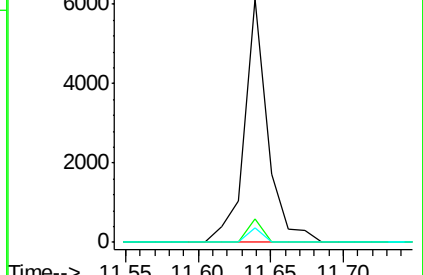
104 5.8 4.6 7.0



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: 12.51 min Scan# 938

Delta R.T. 0.14 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

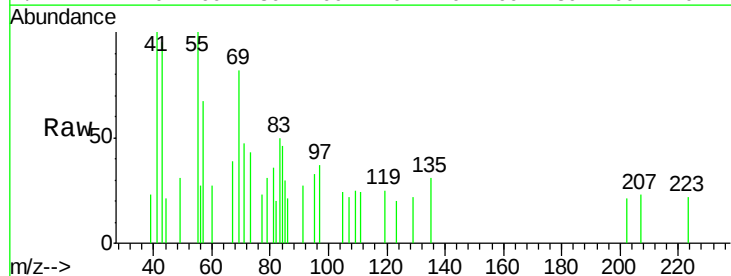
Tgt Ion:202 Resp: 447

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

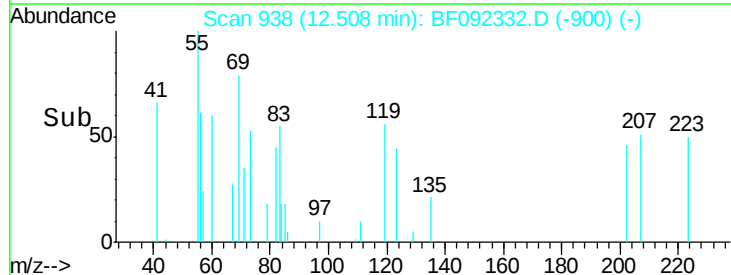
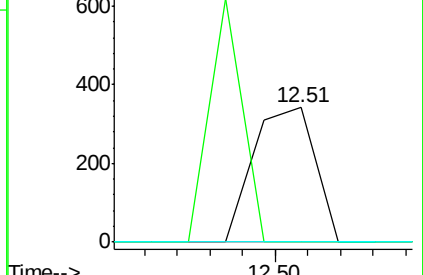
203 0.0 0.0 38.7

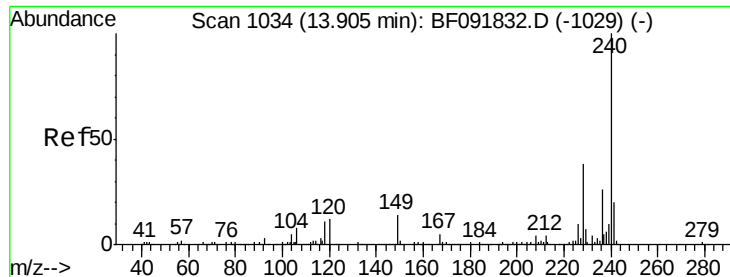


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

Instrument :

BNA_F

ClientSampleId :

W-19

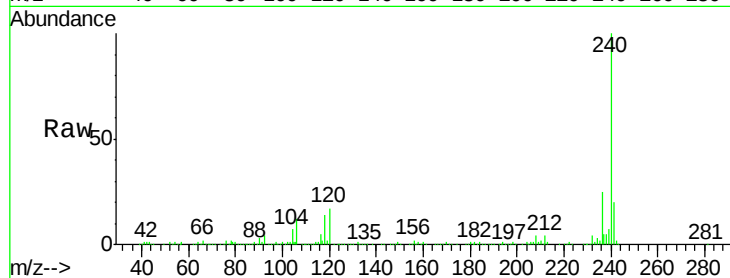
Tgt Ion:240 Resp: 498732

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

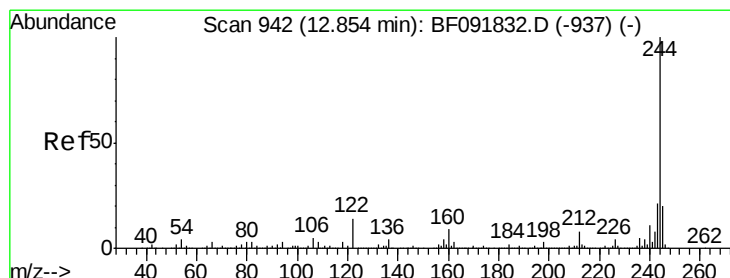
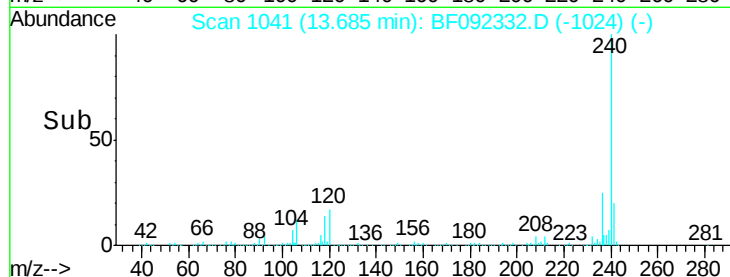
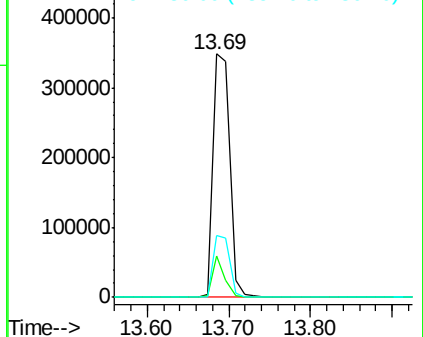
236 25.3 20.9 31.3



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: 94.90 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092332.D

Acq: 17 Jan 2017 22:52

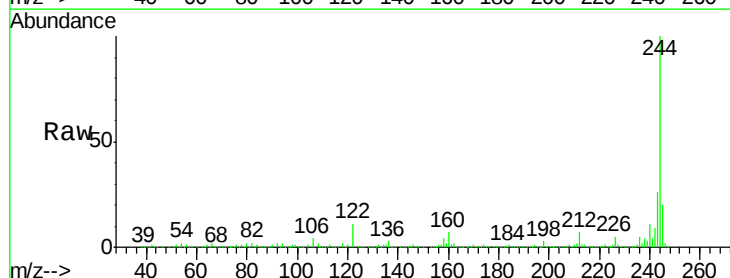
Tgt Ion:244 Resp: 1951424

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

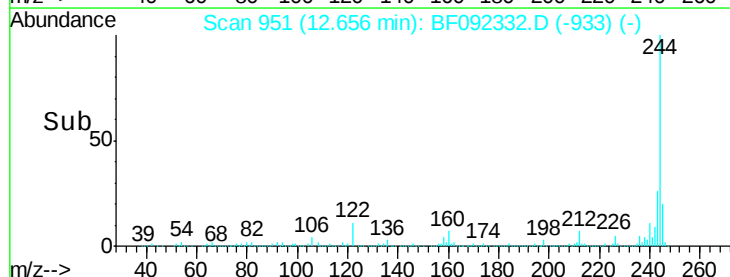
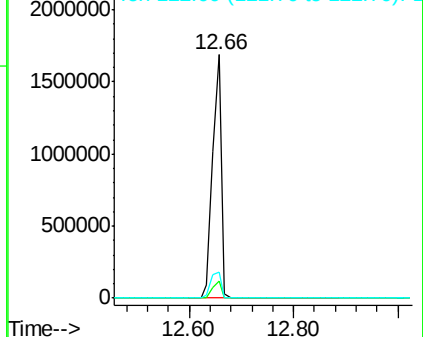
122 10.7 11.4 17.2#

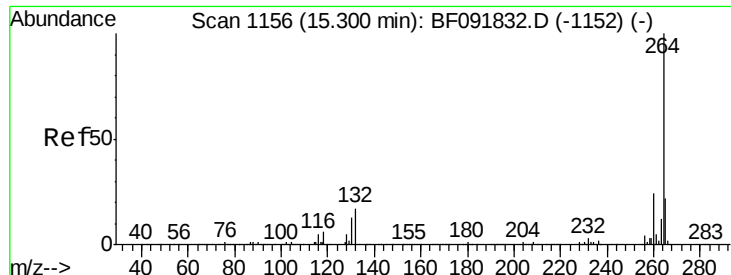


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092332.D
Acq: 17 Jan 2017 22:52

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.4	26.0

