

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092325.D
 Acq On : 17 Jan 2017 19:31
 Operator : UM/SJ
 Sample : I1230-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B35

Quant Time: Jan 17 23:58:15 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

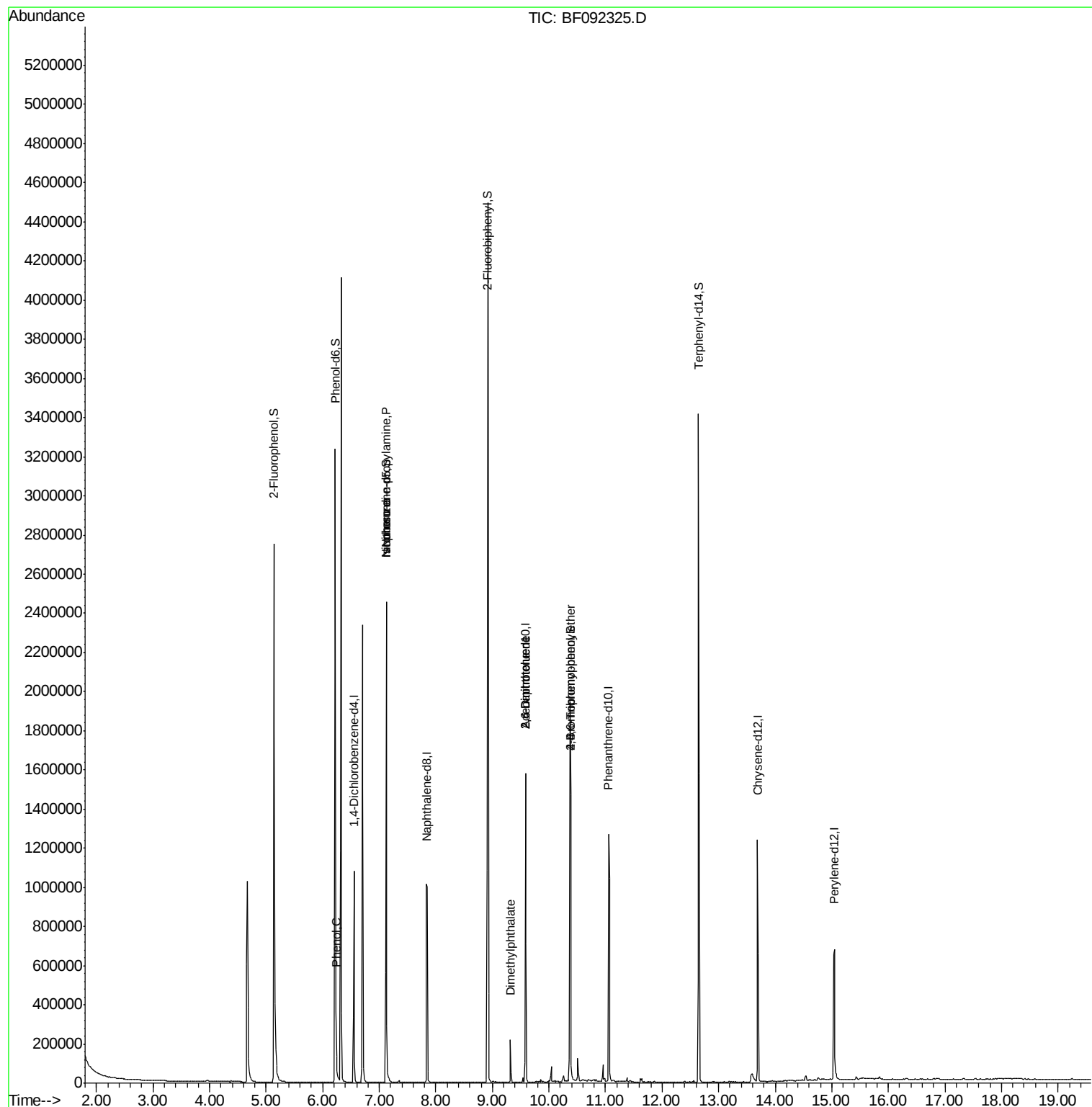
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	177313	20.00	ng	-0.09
21) Naphthalene-d8	7.84	136	738653	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	392580	20.00	ng	-0.10
63) Phenanthrene-d10	11.06	188	655703	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	504744	20.00	ng	-0.10
86) Perylene-d12	15.05	264	368369	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1099132	103.50	ng	-0.10
7) Phenol-d6	6.22	99	1484583	114.51	ng	-0.09
23) Nitrobenzene-d5	7.12	82	839545	63.20	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	326825	100.60	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	1390172	70.33	ng	-0.09
78) Terphenyl-d14	12.65	244	1277113	61.36	ng	-0.10
Target Compounds						
10) Phenol	6.23	94	50314	3.41	ng	# 73
19) n-Nitroso-di-n-propylamine	7.12	70	110630	12.83	ng	# 77
25) Isophorone	7.12	82	701407	28.62	ng	# 65
49) Dimethylphthalate	9.32	163	88825	3.54	ng	# 98
50) 2,6-Dinitrotoluene	9.58	165	50034	9.10	ng	# 30
56) 2,4-Dinitrotoluene	9.58	165	50037	7.25	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	19891	2.92	ng	# 1
71) Anthracene	11.09	178	997	Below Cal		# 59
73) Di-n-butylphthalate	11.64	149	10792	Below Cal		99
74) Fluoranthene	12.28	202	907	Below Cal		61
76) Benzydine	12.65	184	16799	Below Cal		# 95

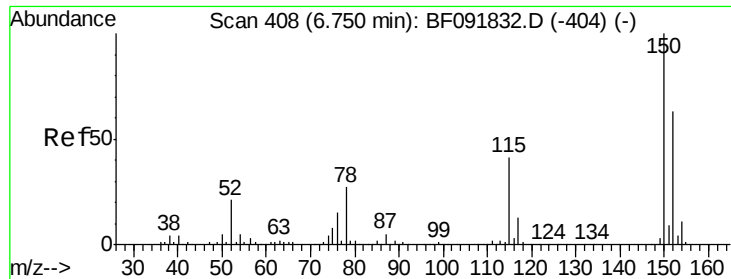
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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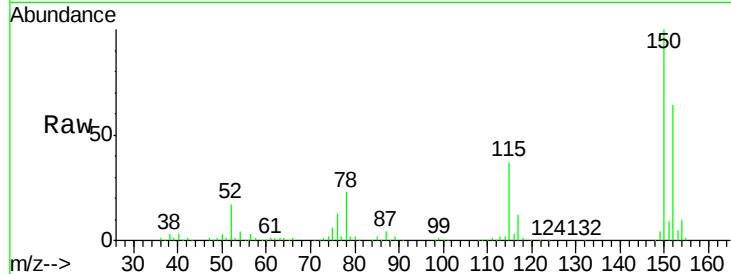


#1

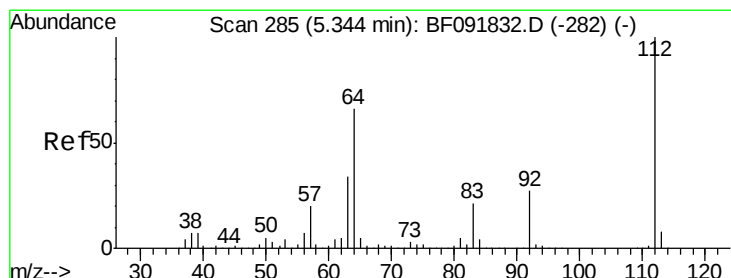
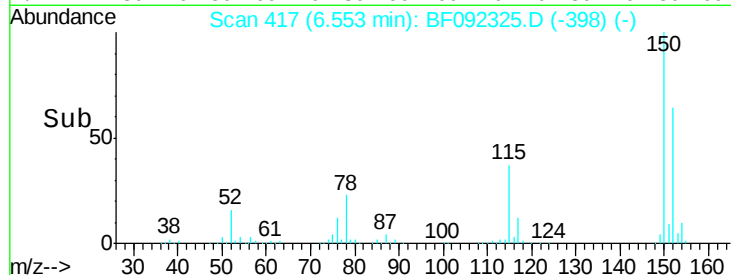
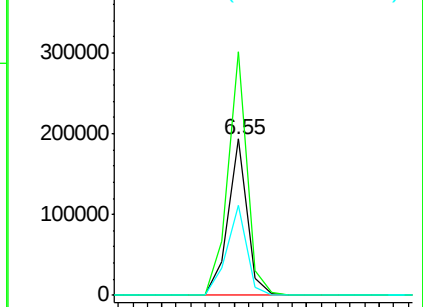
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. -0.09 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
B35

Tgt Ion:152 Resp: 177313
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 58.0 46.0 69.0



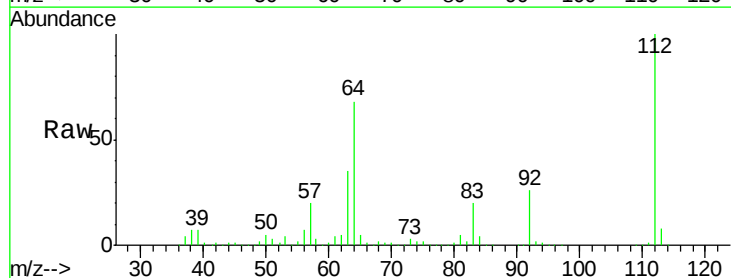
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



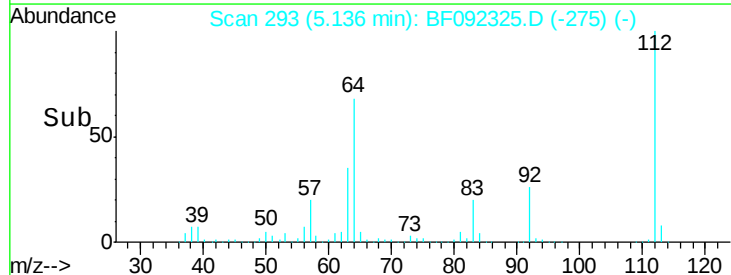
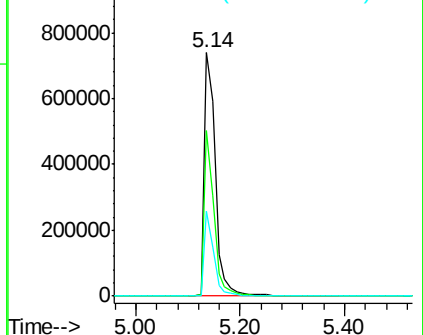
#5

2-Fluorophenol
Concen: 103.50 ng
RT: 5.14 min Scan# 293
Delta R.T. -0.10 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

Tgt Ion:112 Resp: 1099132
Ion Ratio Lower Upper
112 100
64 68.2 46.1 69.1
63 34.8 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: 114.51 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092325.D

Acq: 17 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

B35

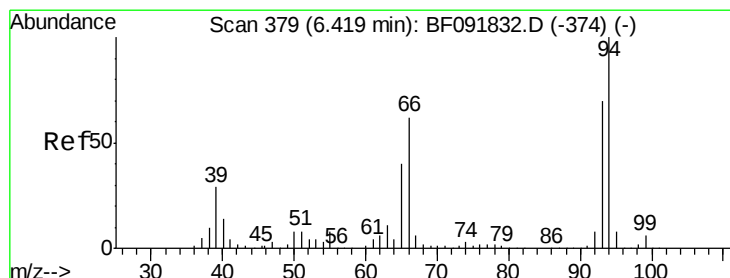
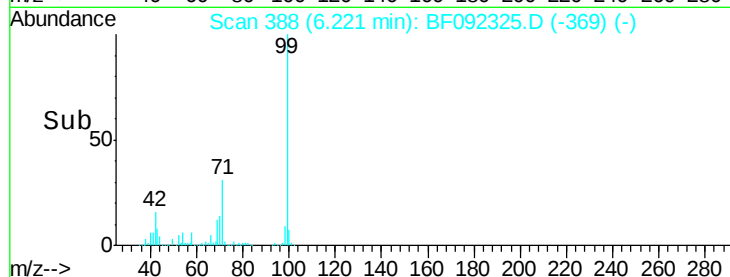
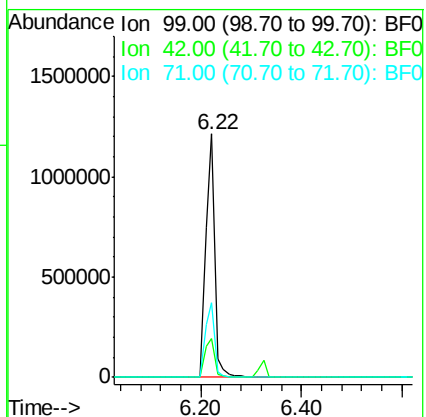
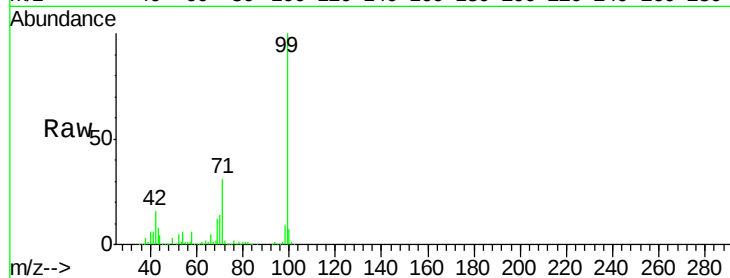
Tgt Ion: 99 Resp: 1484583

Ion Ratio Lower Upper

99 100

42 15.8 15.6 23.4

71 30.9 27.5 41.3



#10

Phenol

Concen: 3.41 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092325.D

Acq: 17 Jan 2017 19:31

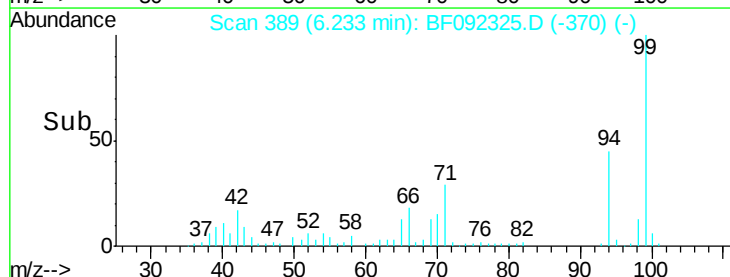
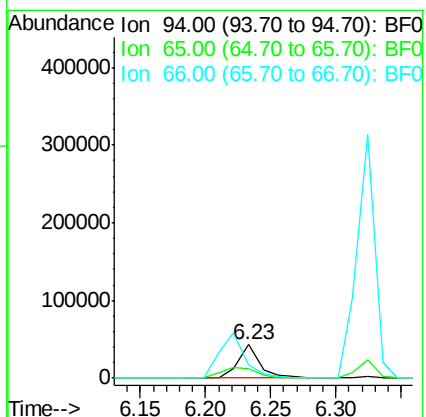
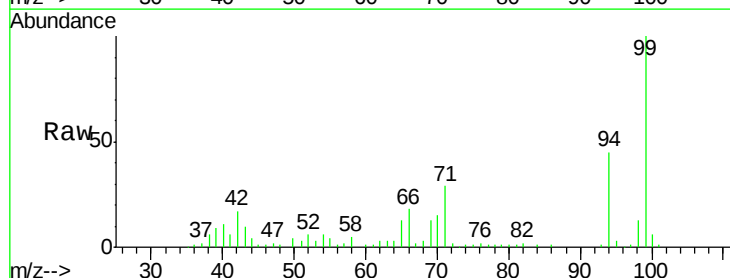
Tgt Ion: 94 Resp: 50314

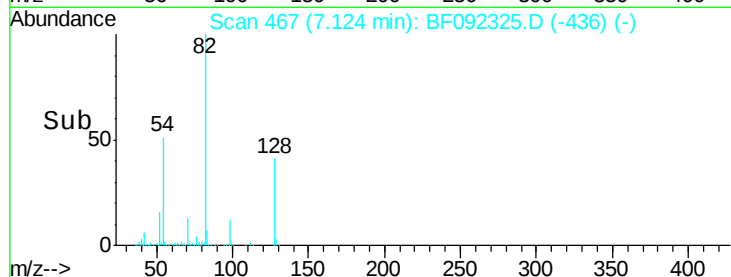
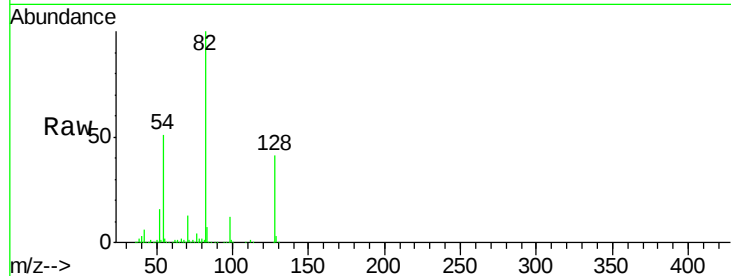
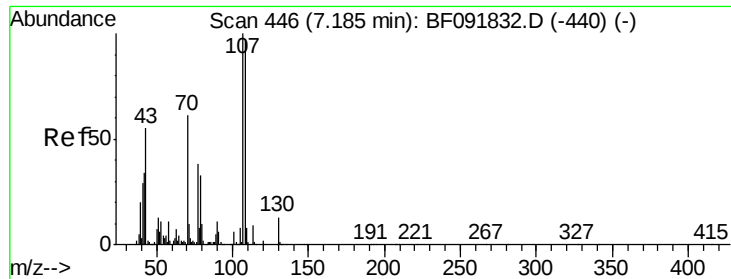
Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

66 40.0 44.0 84.0#

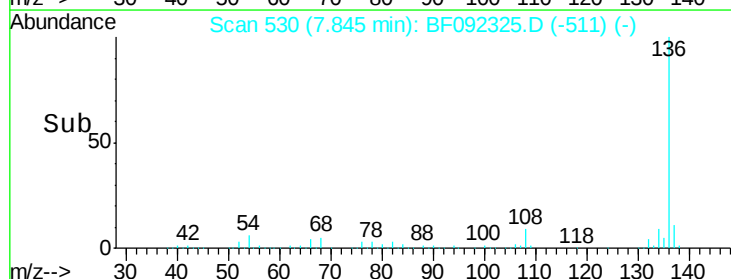
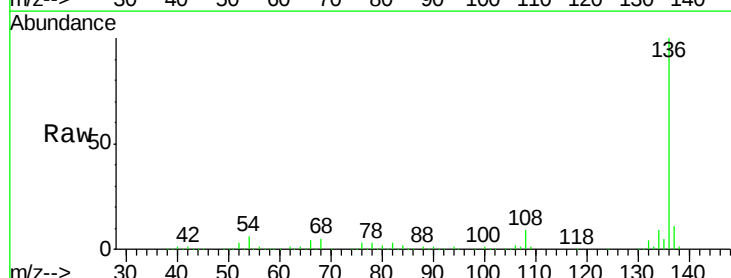
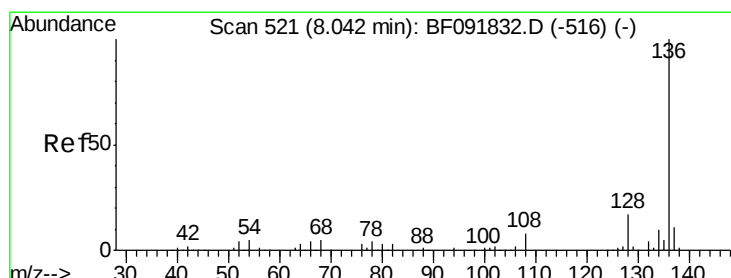
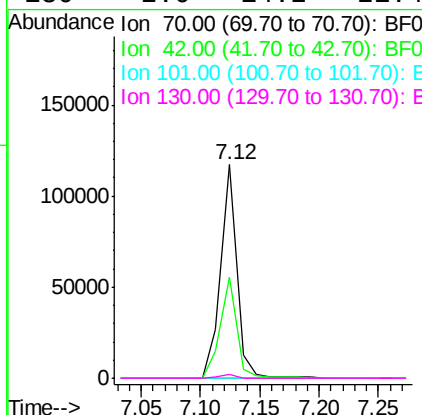




#19
n-Nitroso-di-n-propylamine
Concen: 12.83 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.05 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

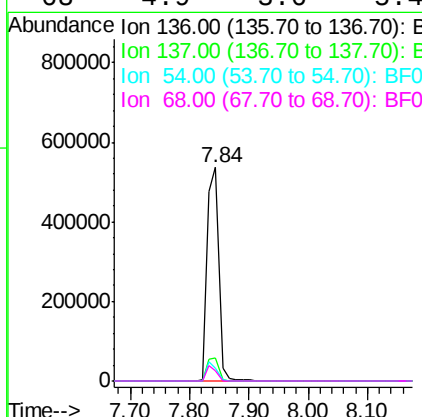
Instrument :
BNA_F
ClientSampleId :
B35

Tgt Ion: 70 Resp: 110630
Ion Ratio Lower Upper
70 100
42 47.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 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: BF092325.D
Acq: 17 Jan 2017 19:31

Tgt Ion: 136 Resp: 738653
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 5.8 4.5 6.7
68 4.9 3.6 5.4

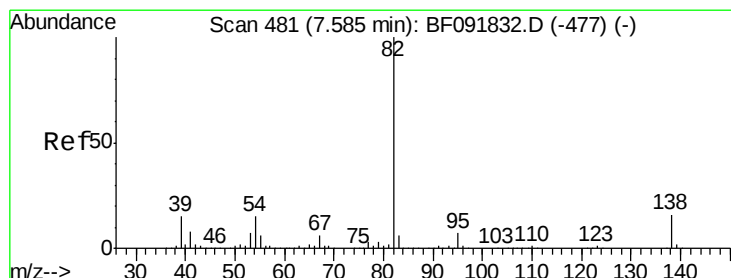
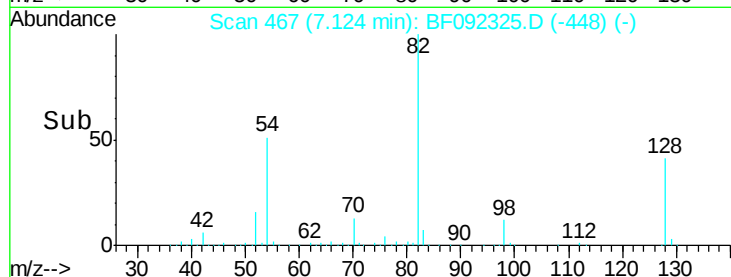
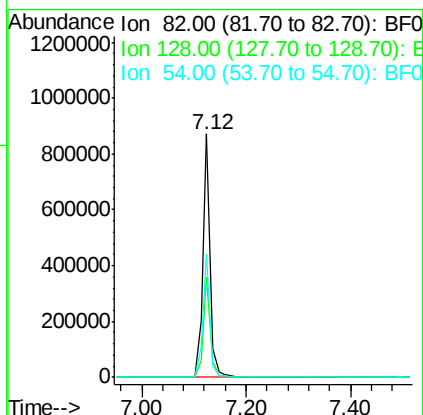
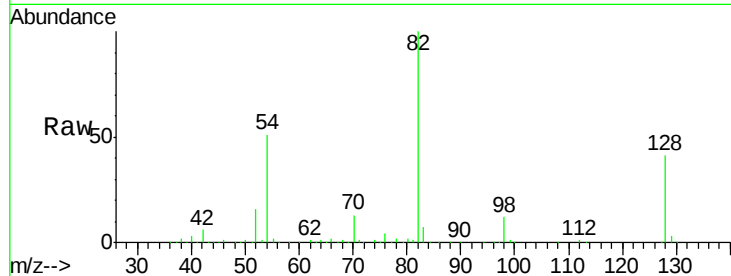




#23
 Nitrobenzene-d5
 Concen: 63.20 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.09 min
 Lab File: BF092325.D
 Acq: 17 Jan 2017 19:31

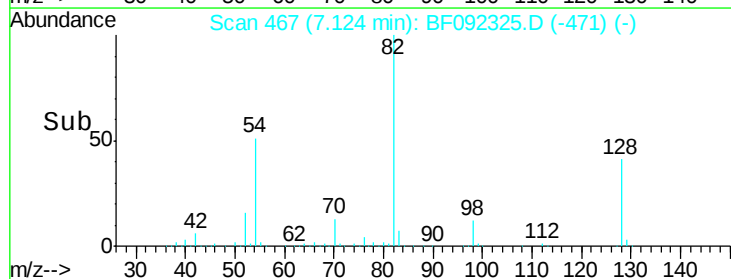
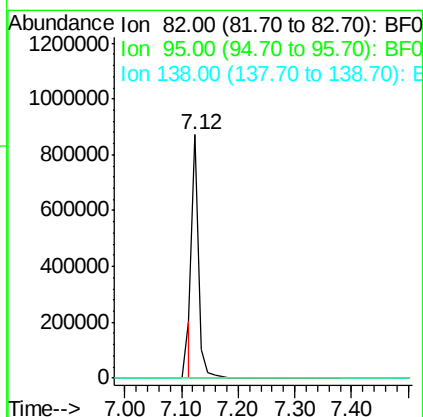
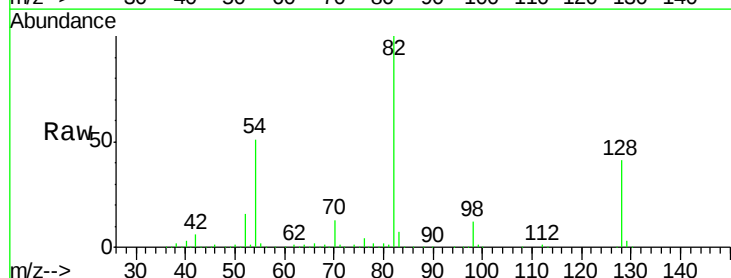
Instrument :
 BNA_F
 ClientSampleId :
 B35

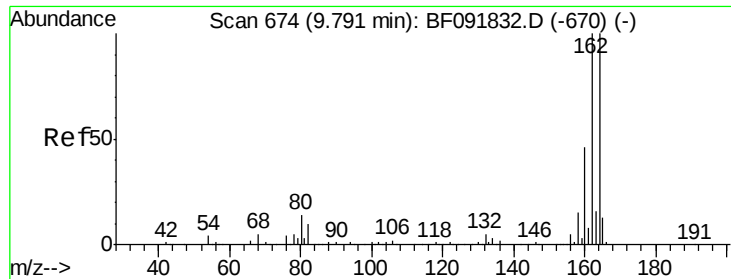
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	50.5	39.5	59.3



#25
 Isophorone
 Concen: 28.62 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.35 min
 Lab File: BF092325.D
 Acq: 17 Jan 2017 19:31

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092325.D

Acq: 17 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

B35

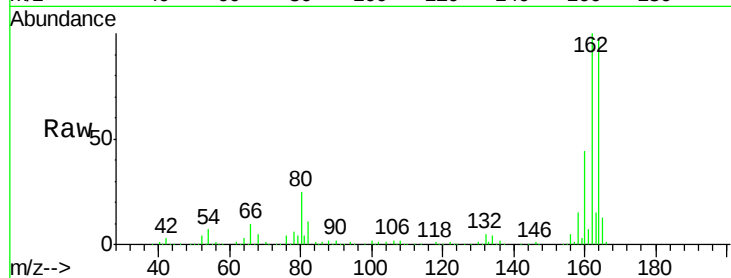
Tgt Ion:164 Resp: 392580

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

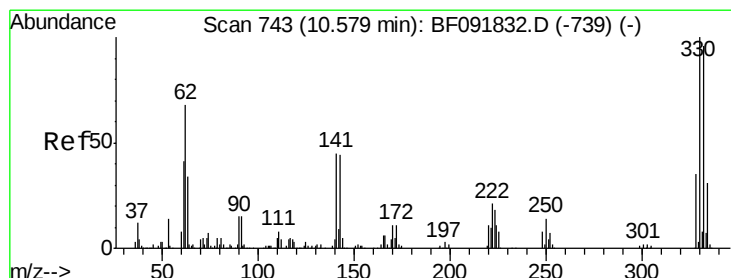
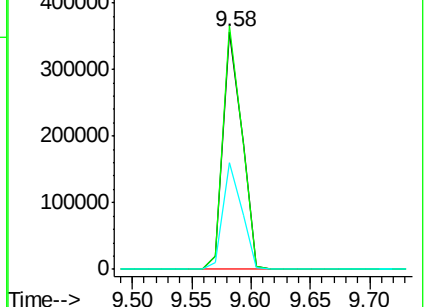
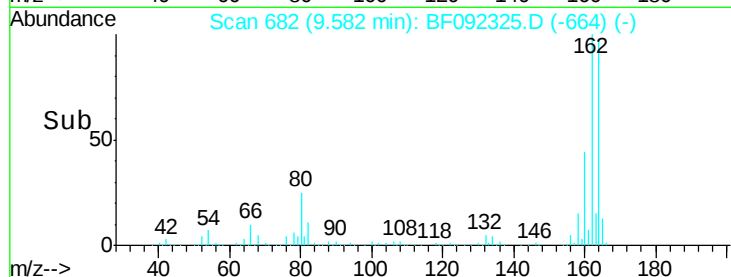
160 45.2 36.9 55.3



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: 100.60 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.09 min

Lab File: BF092325.D

Acq: 17 Jan 2017 19:31

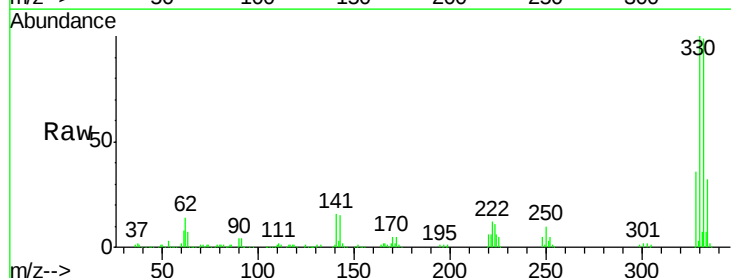
Tgt Ion:330 Resp: 326825

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

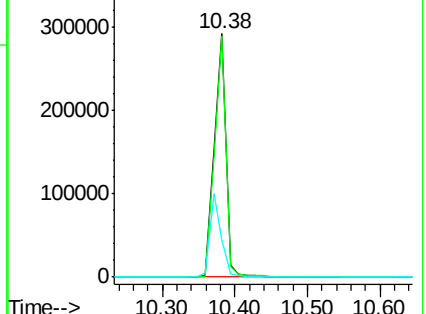
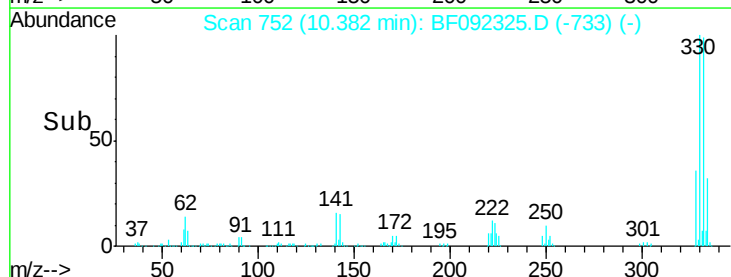
141 33.7 34.1 51.1#

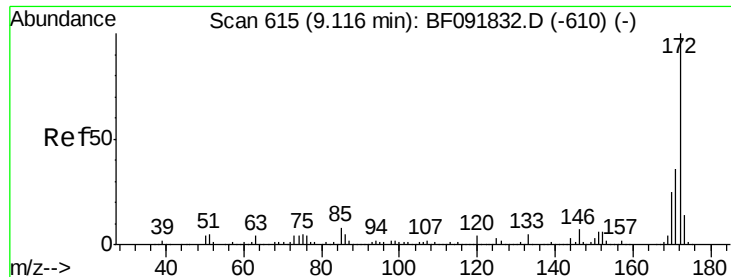


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

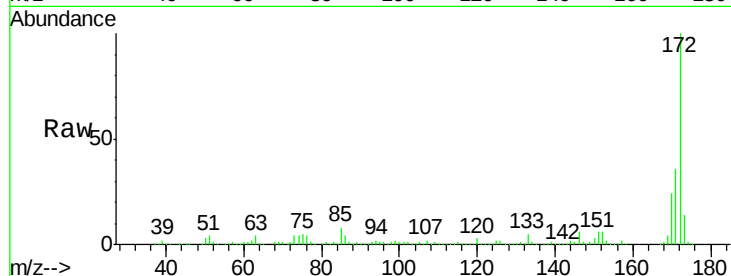




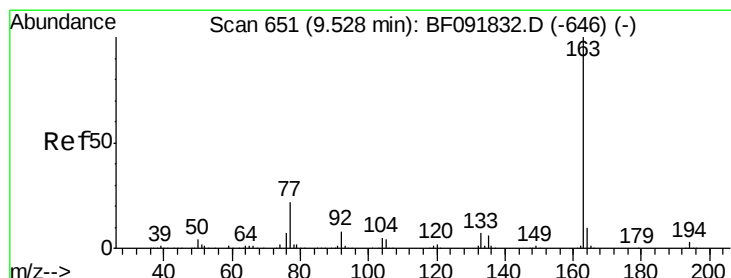
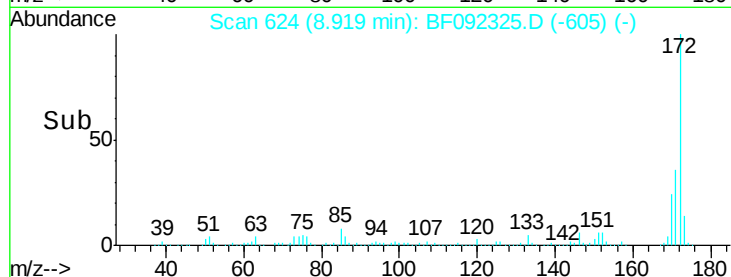
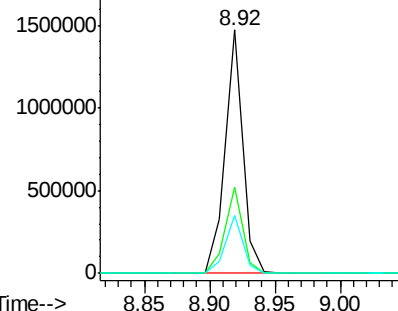
#44
2-Fluorobiphenyl
Concen: 70.33 ng
RT: 8.92 min Scan# 624
Delta R.T. -0.09 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 1390172
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.9 20.2 30.4

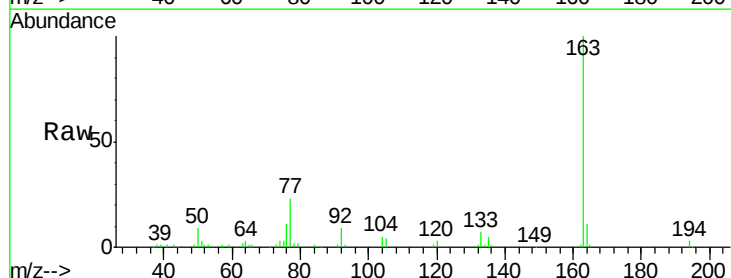


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

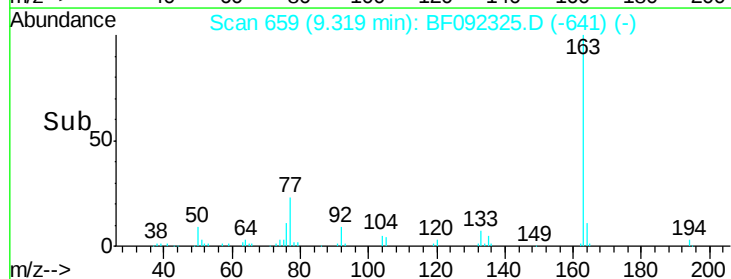
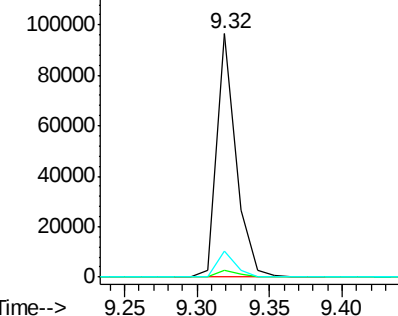


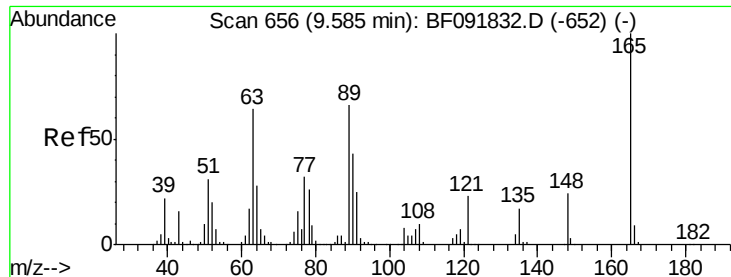
#49
Dimethylphthalate
Concen: 3.54 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.10 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

Tgt Ion:163 Resp: 88825
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
120000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

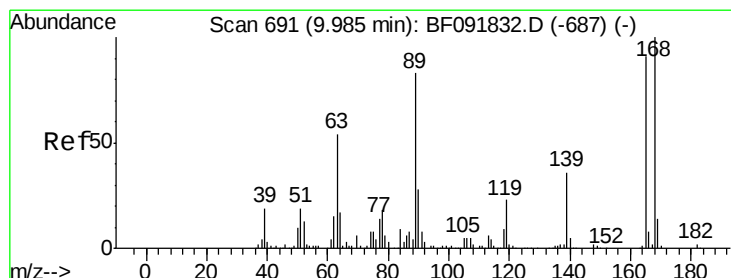
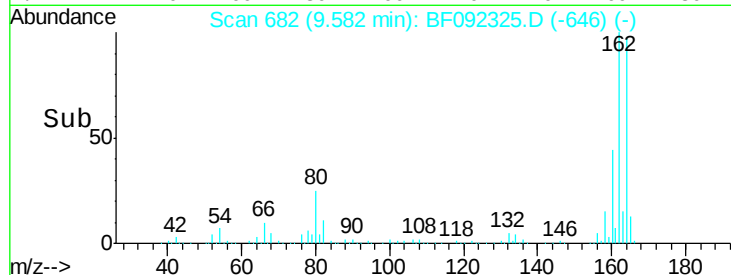
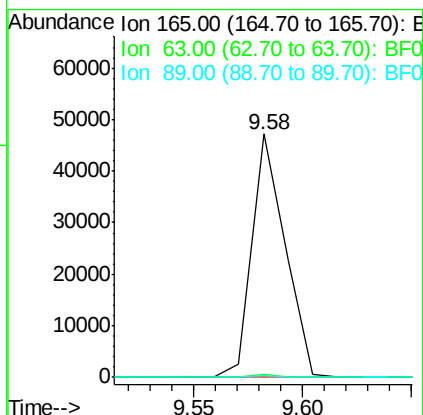
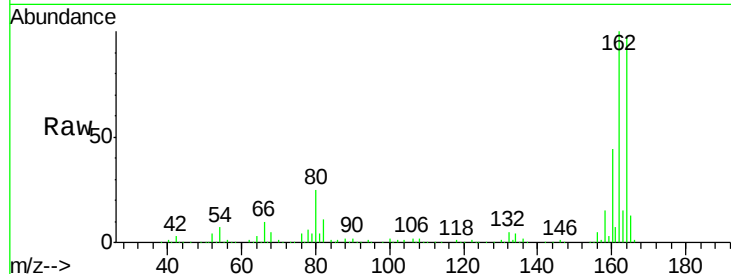




#50
 2,6-Dinitrotoluene
 Concen: 9.10 ng
 RT: 9.58 min Scan# 682
 Delta R.T. 0.11 min
 Lab File: BF092325.D
 Acq: 17 Jan 2017 19:31

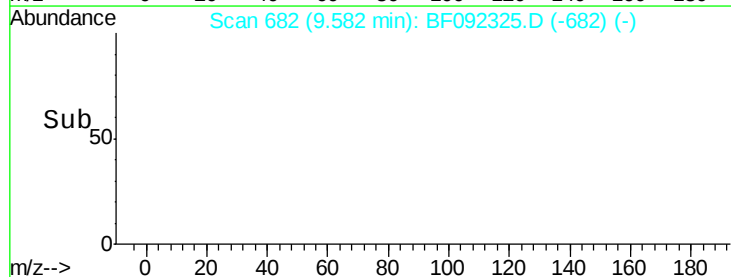
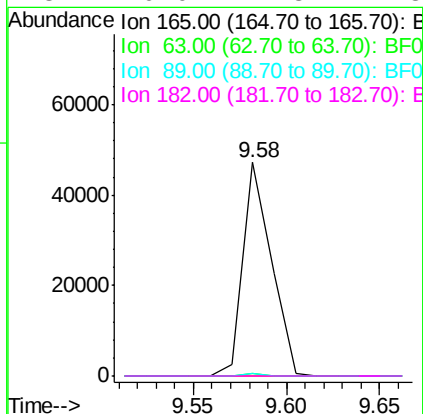
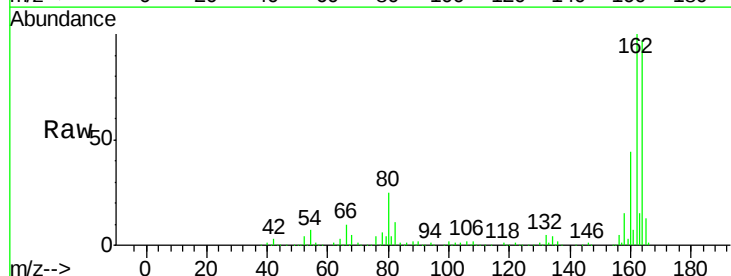
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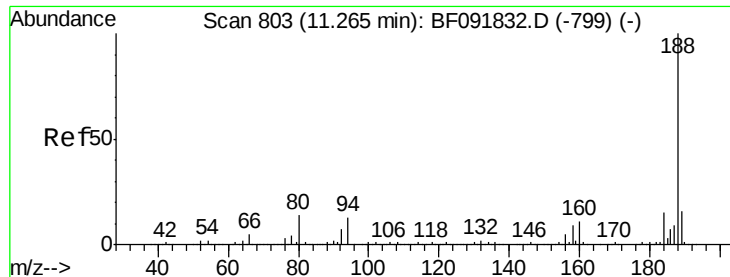
Tgt Ion:165 Resp: 50034
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 1.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.25 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.31 min
 Lab File: BF092325.D
 Acq: 17 Jan 2017 19:31

Tgt Ion:165 Resp: 50037
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

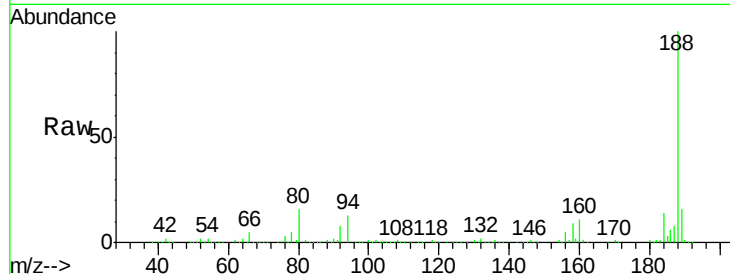




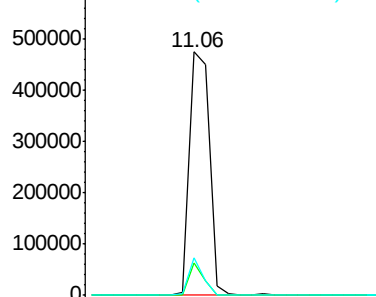
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

Instrument :
BNA_F
ClientSampled :
B35

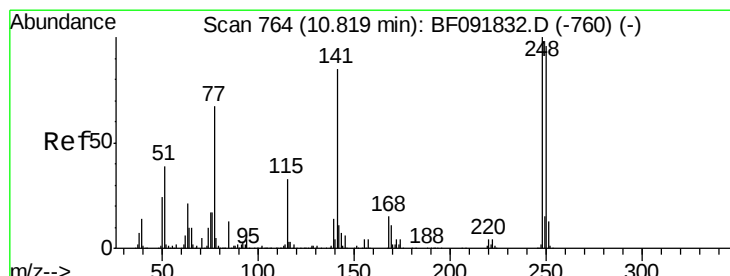
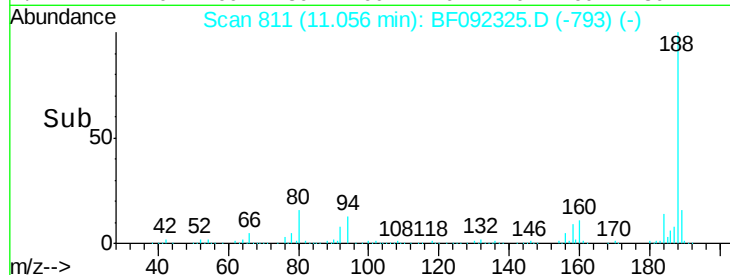
Tgt Ion:188 Resp: 655703
Ion Ratio Lower Upper
188 100
94 13.4 10.0 15.0
80 15.6 11.2 16.8



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

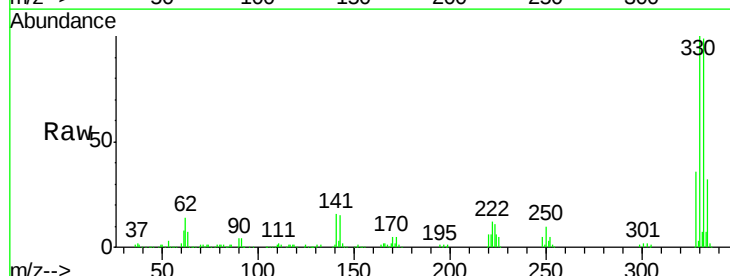


Time-->

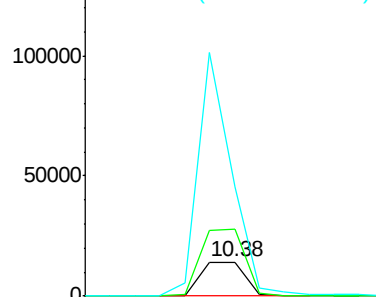


#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

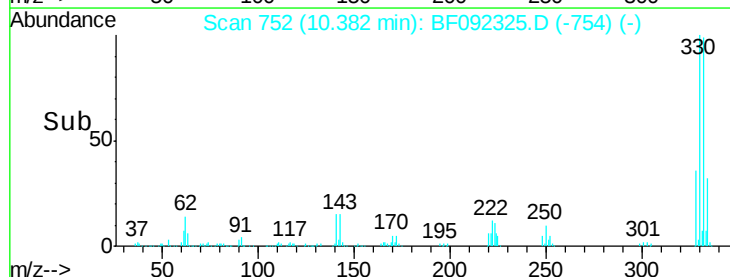
Tgt Ion:248 Resp: 19891
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 320.5 68.2 102.4#

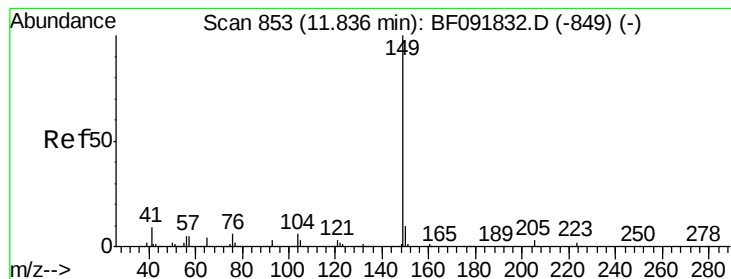


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092325.D

Acq: 17 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

B35

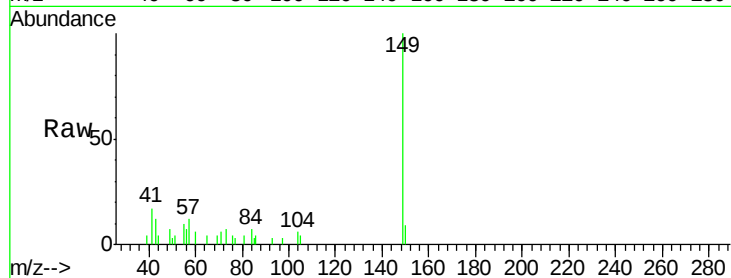
Tgt Ion:149 Resp: 10792

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

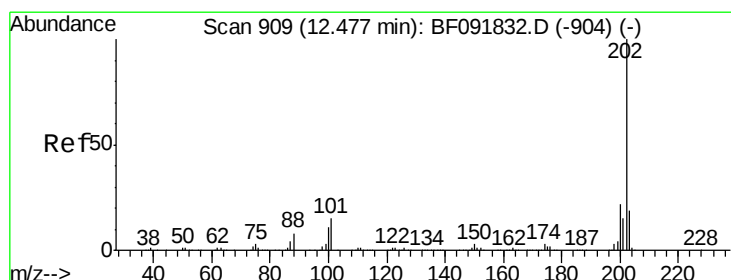
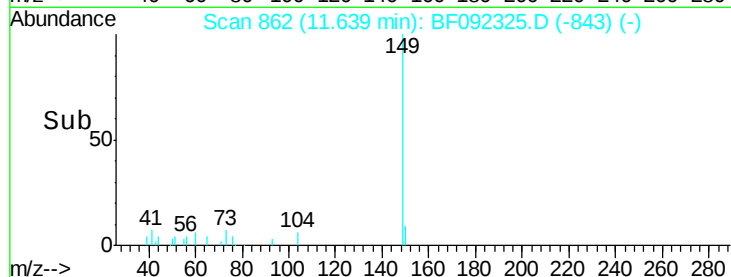
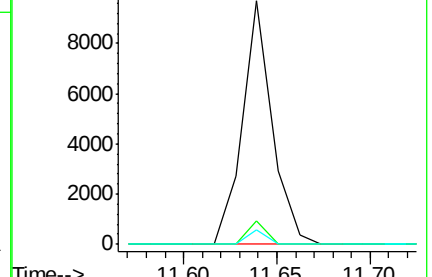
104 5.7 4.6 7.0



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: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092325.D

Acq: 17 Jan 2017 19:31

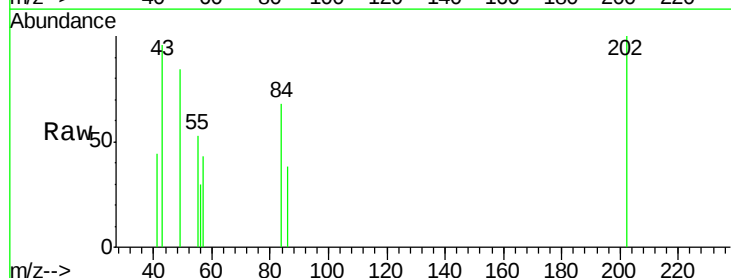
Tgt Ion:202 Resp: 907

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

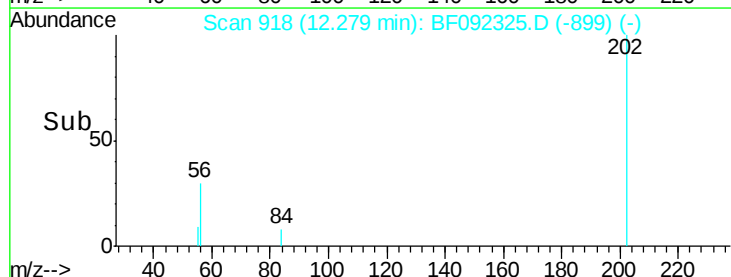
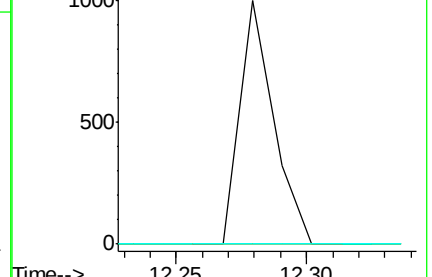
203 0.0 0.0 38.7

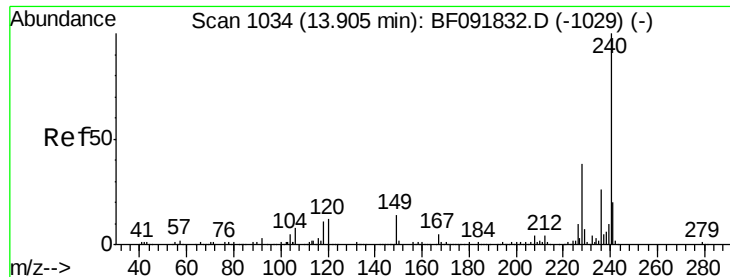


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092325.D

Acq: 17 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

B35

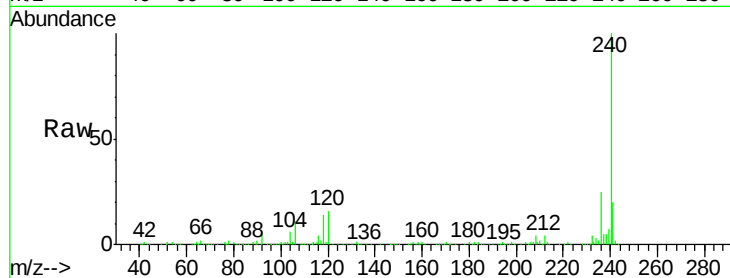
Tgt Ion:240 Resp: 504744

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

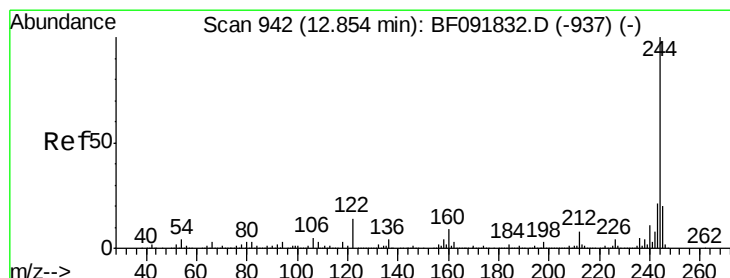
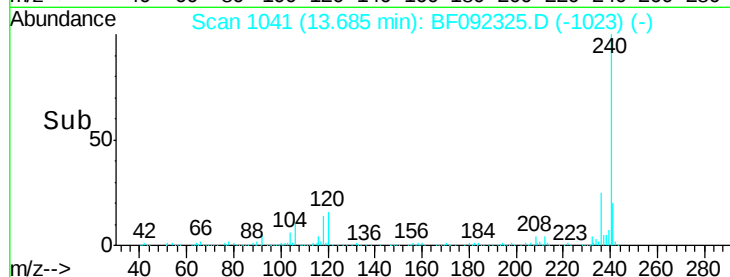
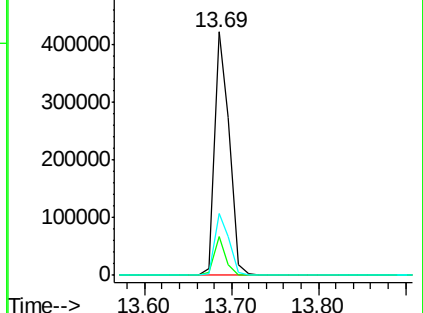
236 25.3 20.9 31.3



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: 61.36 ng

RT: 12.65 min Scan# 950

Delta R.T. -0.10 min

Lab File: BF092325.D

Acq: 17 Jan 2017 19:31

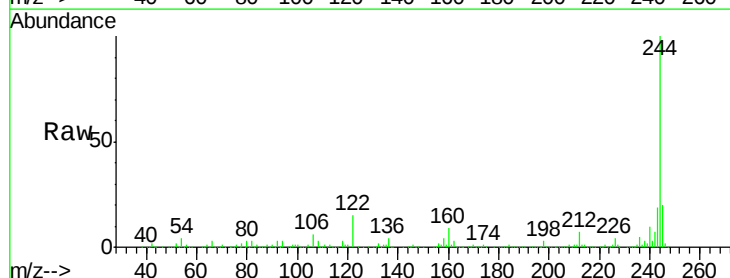
Tgt Ion:244 Resp: 1277113

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

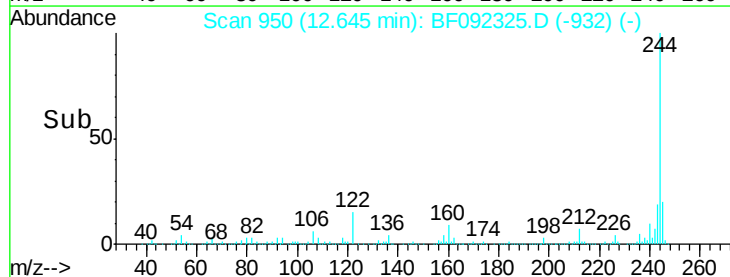
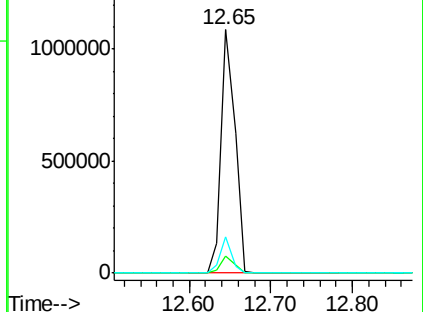
122 15.1 11.4 17.2

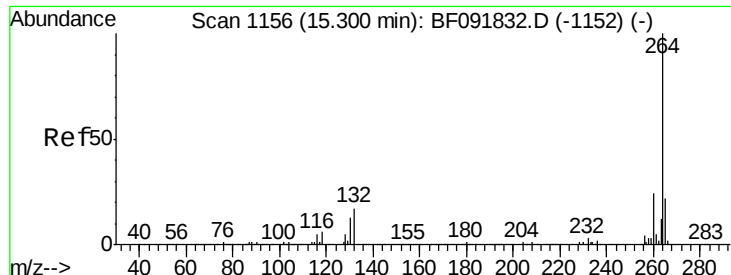


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092325.D
Acq: 17 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
B35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	17.4	26.0

