

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092319.D
 Acq On : 17 Jan 2017 16:38
 Operator : UM/SJ
 Sample : PB96060BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BL

Quant Time: Jan 17 23:55:36 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

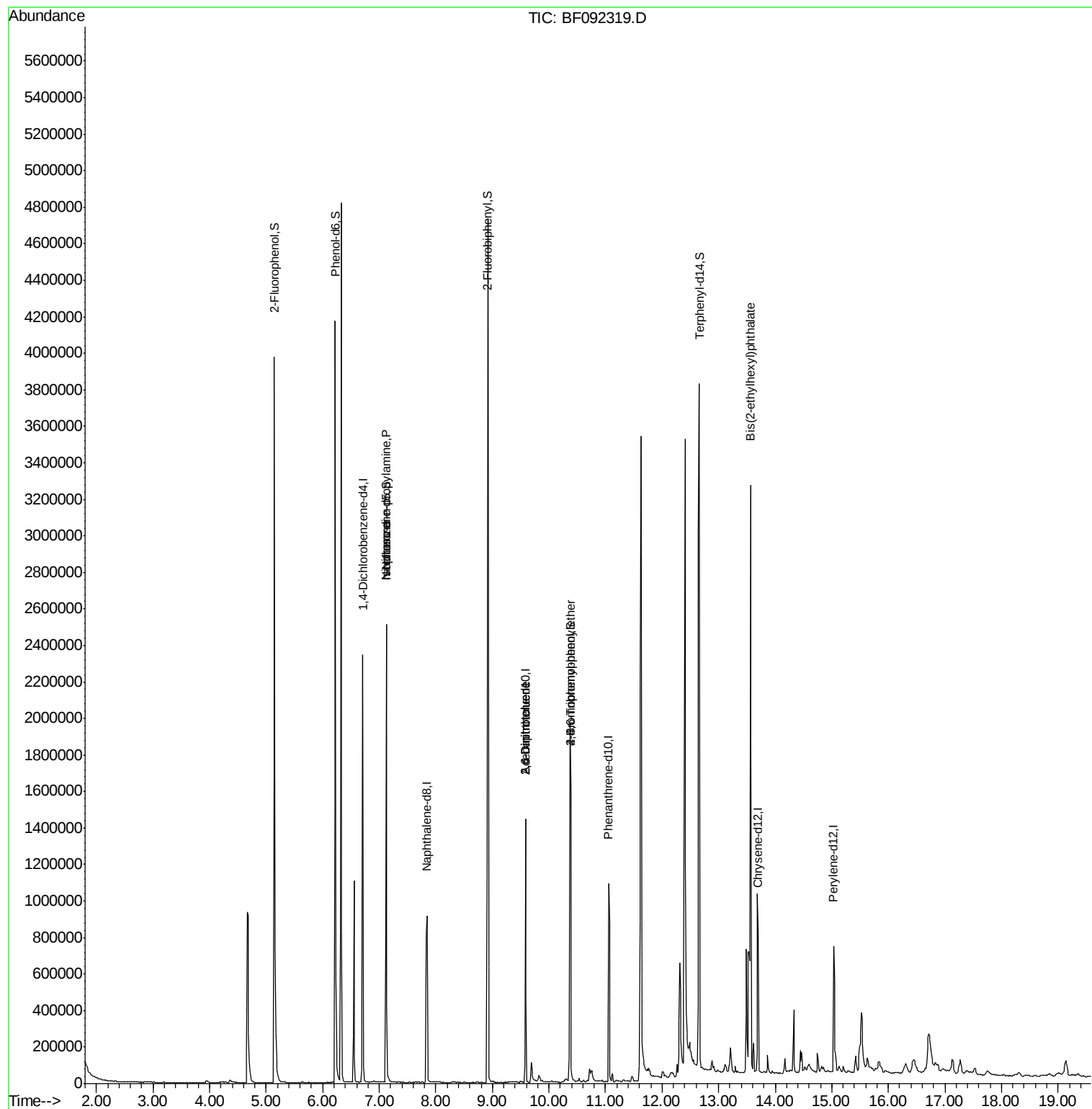
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	555712	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	625237	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	327243	20.00	ng	-0.10
63) Phenanthrene-d10	11.06	188	558872	20.00	ng	-0.10
75) Chrysene-d12	13.70	240	444116	20.00	ng	-0.09
86) Perylene-d12	15.03	264	341525	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1396459	41.96	ng	-0.09
7) Phenol-d6	6.22	99	1624317	39.97	ng	-0.09
23) Nitrobenzene-d5	7.12	82	913671	81.26	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	343262	126.75	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	1503862	95.80	ng	-0.09
78) Terphenyl-d14	12.66	244	1637248	89.41	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.22	77	2585	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	120268	4.45 ng	#	77
25) Isophorone	7.12	82	735628	35.46 ng	#	65
37) 2-Methylnaphthalene	8.55	142	226	Below Cal	#	77
50) 2,6-Dinitrotoluene	9.58	165	42346	9.24 ng	#	31
56) 2,4-Dinitrotoluene	9.58	165	42348	7.37 ng	#	20
66) 4-Bromophenyl-phenylether	10.38	248	20844	3.59 ng	#	1
71) Anthracene	11.14	178	861	Below Cal	#	59
73) Di-n-butylphthalate	11.63	149	12069	Below Cal	#	91
74) Fluoranthene	12.28	202	1014	Below Cal	#	15
76) Benzidine	12.66	184	21561	Below Cal	#	85
83) Bis(2-ethylhexyl)phthalate	13.56	149	1087128	62.29 ng	#	53

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

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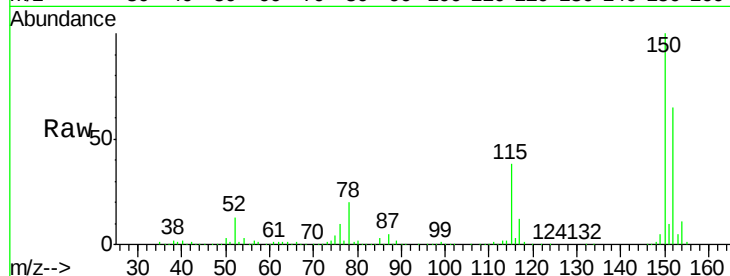




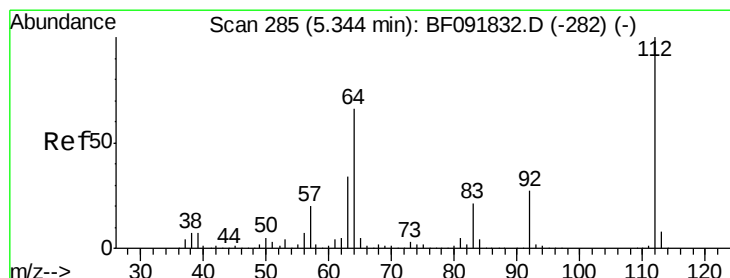
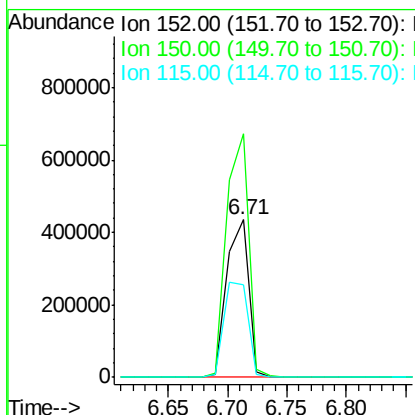
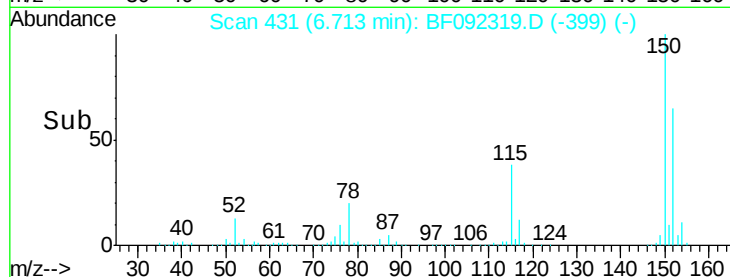
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 431
 Delta R.T. 0.07 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BL

Tgt Ion:152 Resp: 555712
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.9 187.3
 115 58.4 46.0 69.0

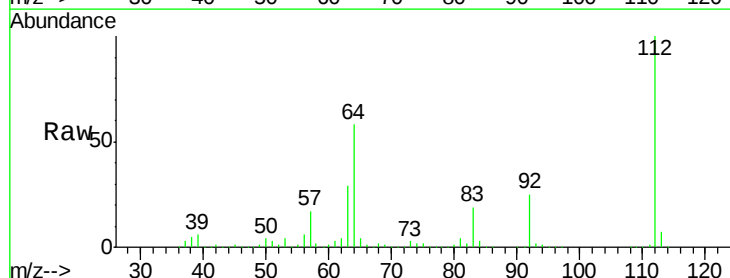


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

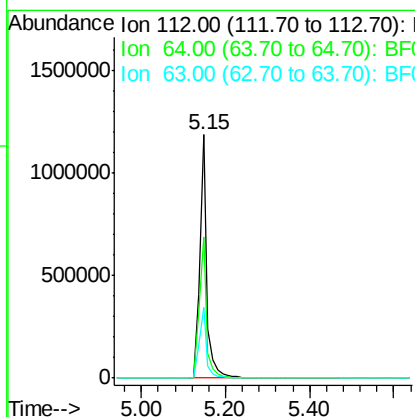
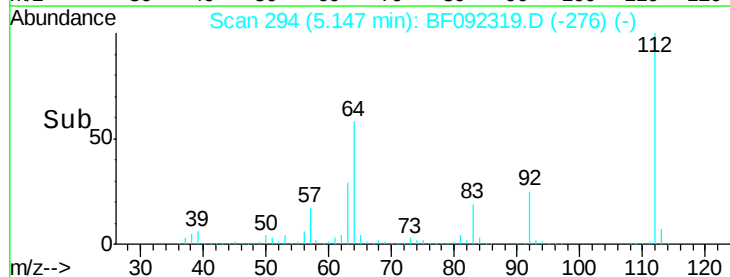


#5
 2-Fluorophenol
 Concen: 41.96 ng
 RT: 5.15 min Scan# 294
 Delta R.T. -0.09 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

Tgt Ion:112 Resp: 1396459
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.1 69.1
 63 29.1 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: 39.97 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

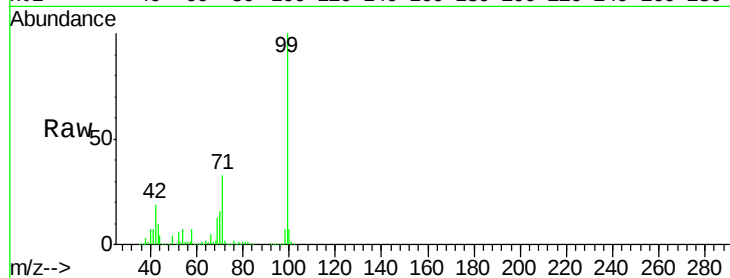
Tgt Ion: 99 Resp: 1624317

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

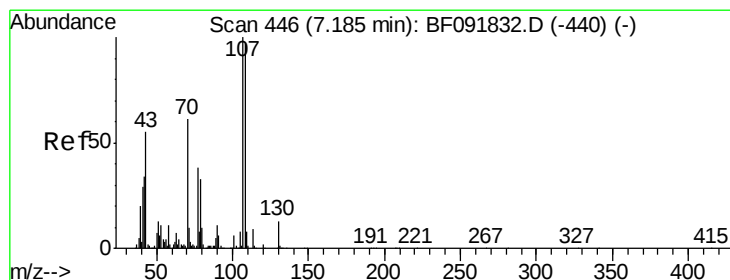
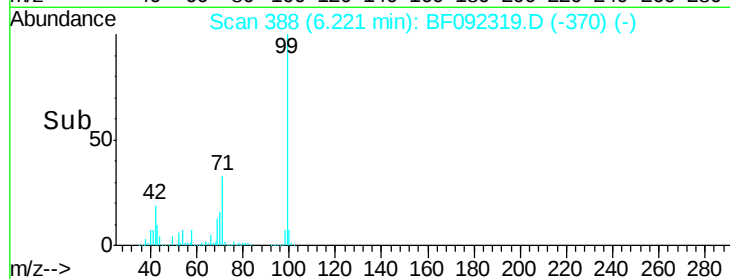
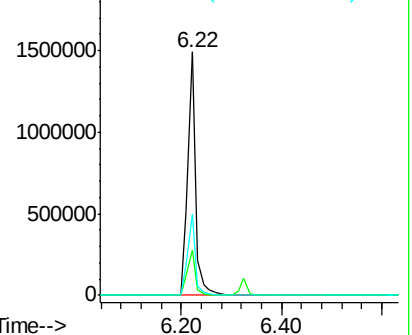
71 33.2 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.45 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Tgt Ion: 70 Resp: 120268

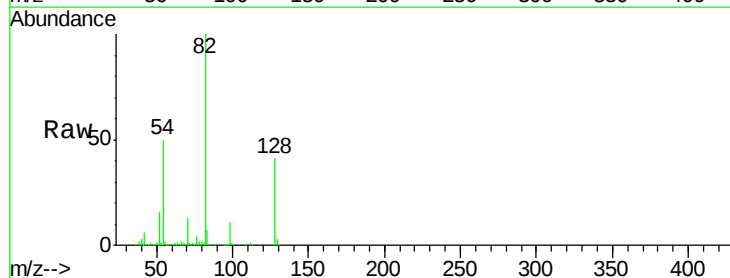
Ion Ratio Lower Upper

70 100

42 47.3 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

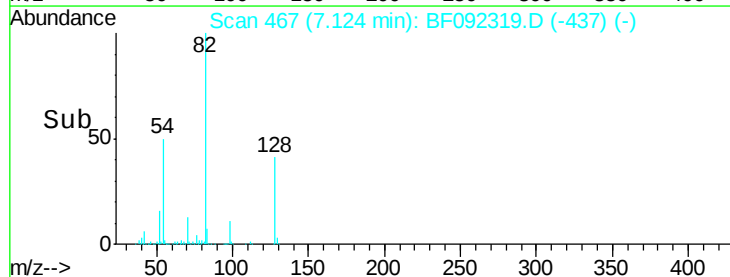
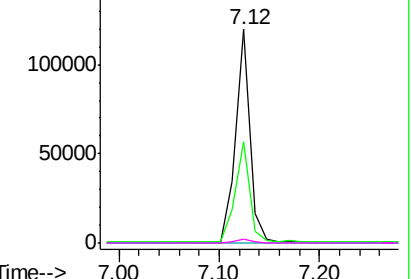


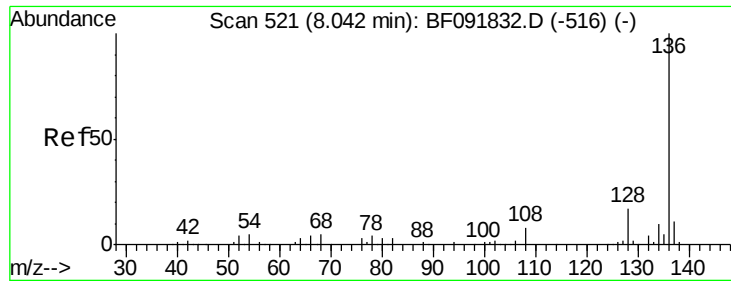
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

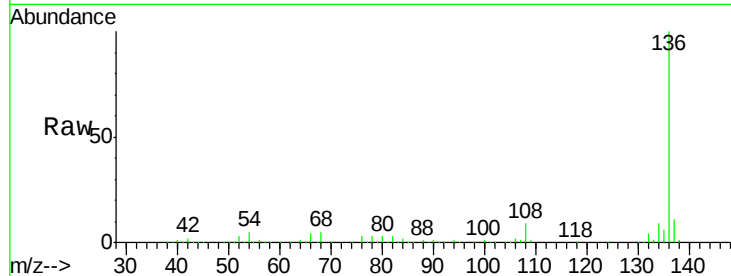




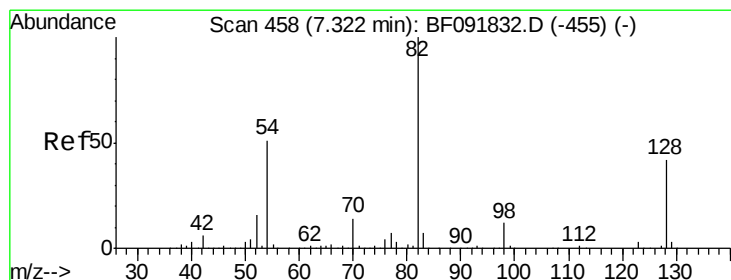
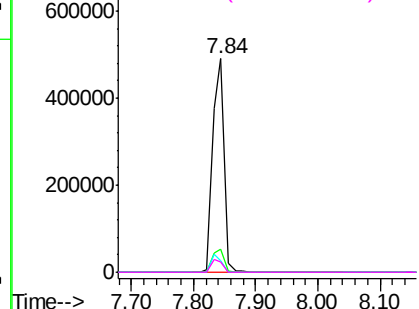
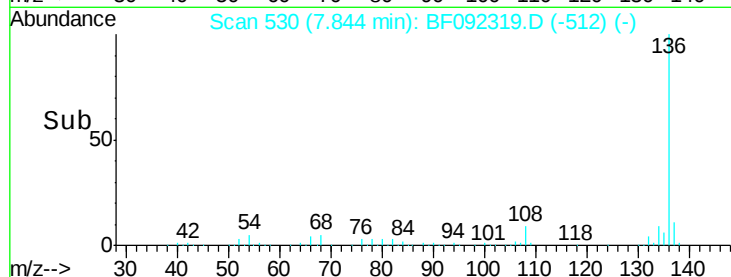
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Instrument :
BNA_F
ClientSampleId :
PB96060BL

Tgt Ion:	136	Resp:	625237
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.5	4.5	6.7
68	4.8	3.6	5.4

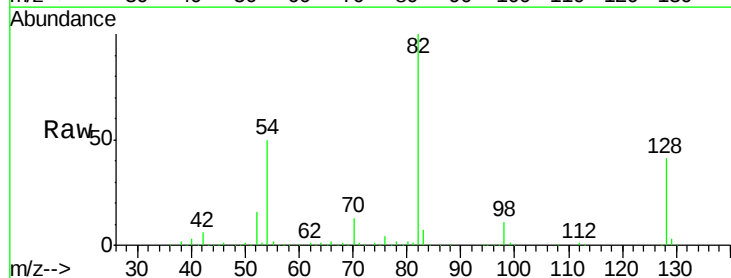


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

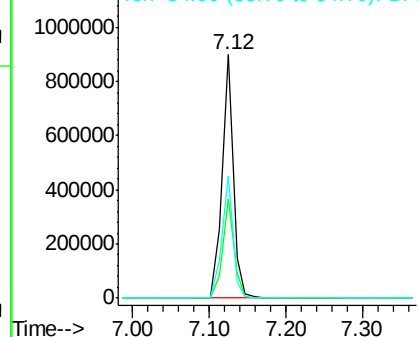
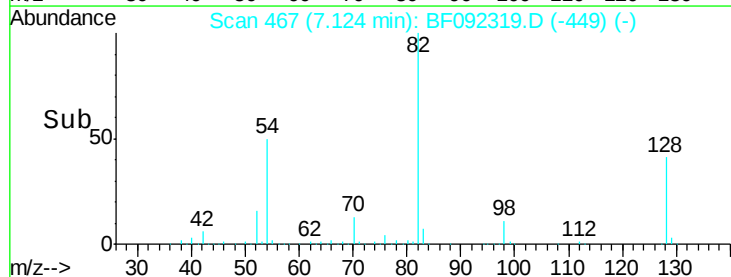


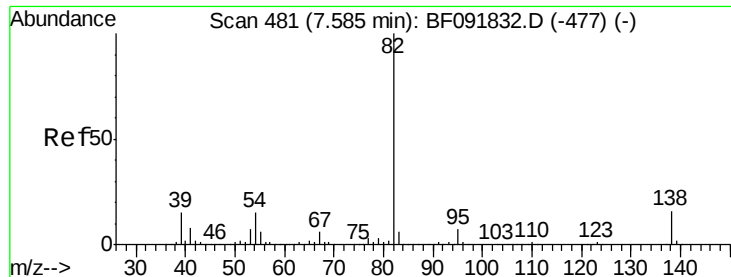
#23
Nitrobenzene-d5
Concen: 81.26 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Tgt Ion:	82	Resp:	913671
Ion	Ratio	Lower	Upper
82	100		
128	40.7	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): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.46 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.35 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

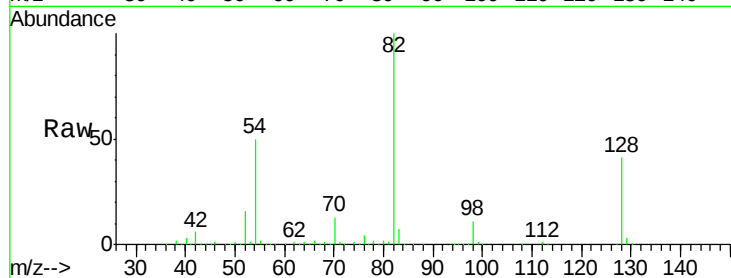
Tgt Ion: 82 Resp: 735628

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

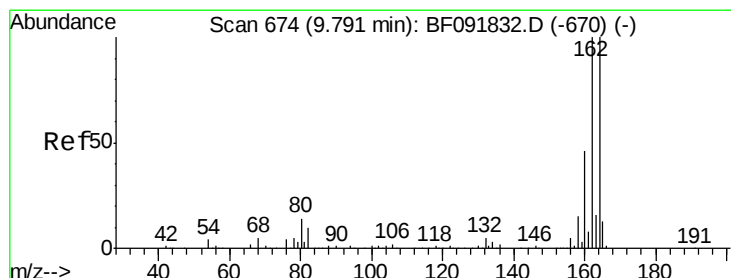
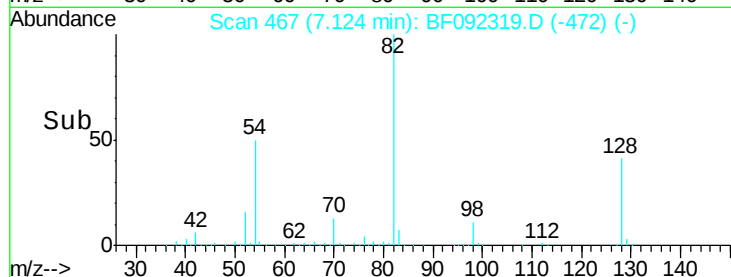
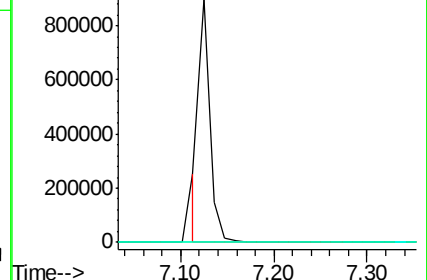
138 0.0 14.6 22.0#



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: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

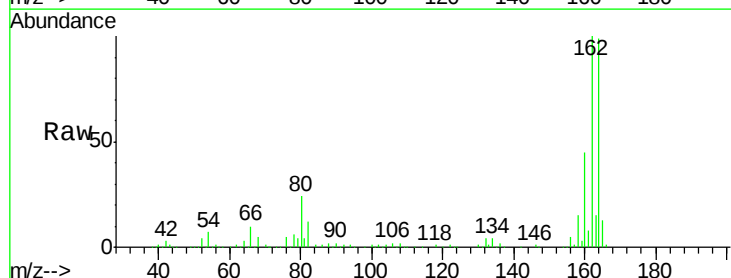
Tgt Ion: 164 Resp: 327243

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

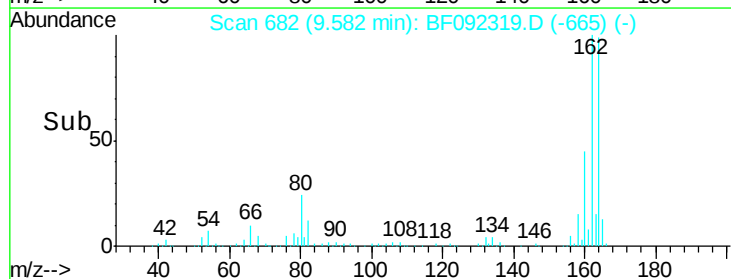
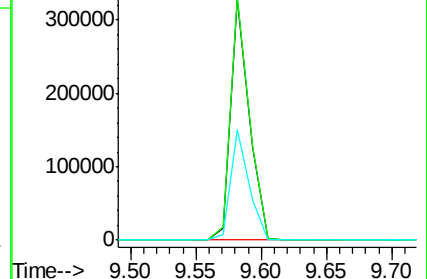
160 45.8 36.9 55.3

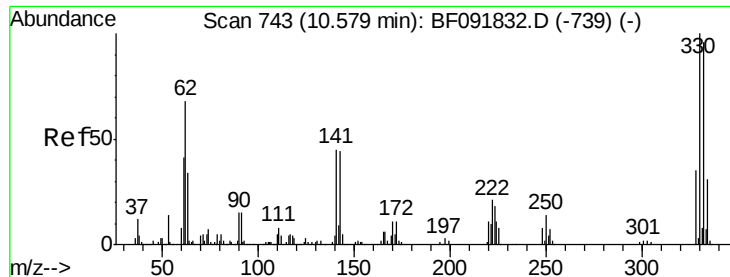


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

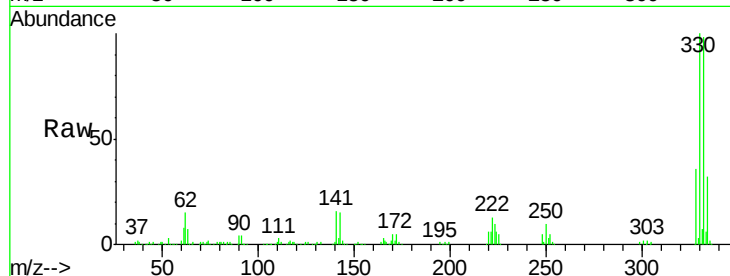




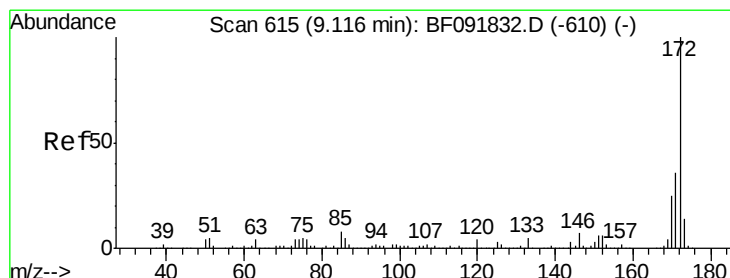
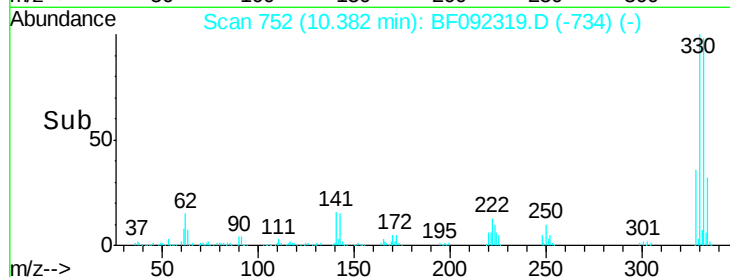
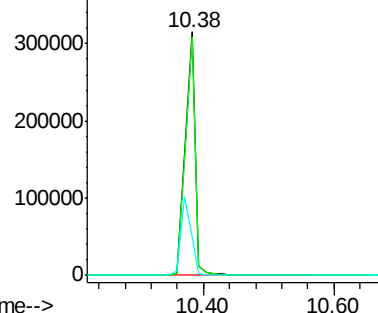
#41
 2,4,6-Tribromophenol
 Concen: 126.75 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BL

Tgt Ion:330 Resp: 343262
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 33.0 34.1 51.1#

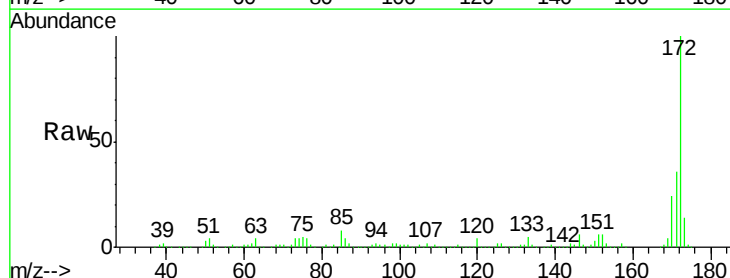


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

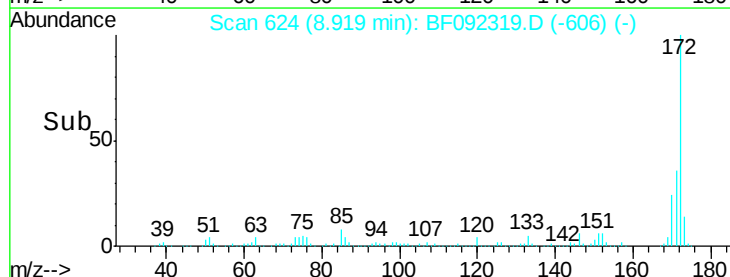
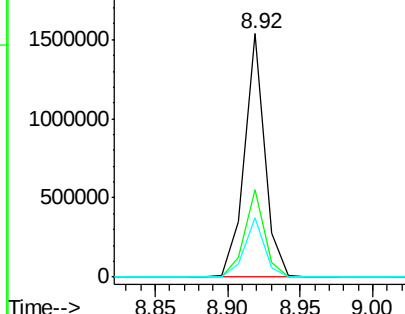


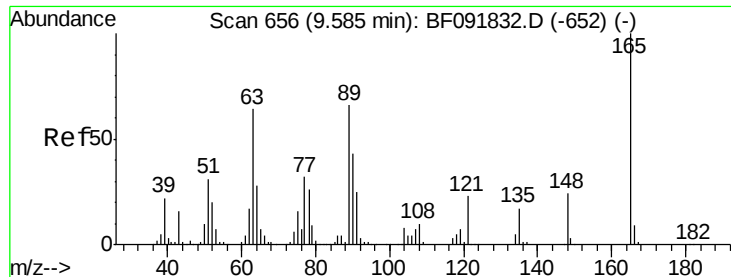
#44
 2-Fluorobiphenyl
 Concen: 95.80 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

Tgt Ion:172 Resp: 1503862
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

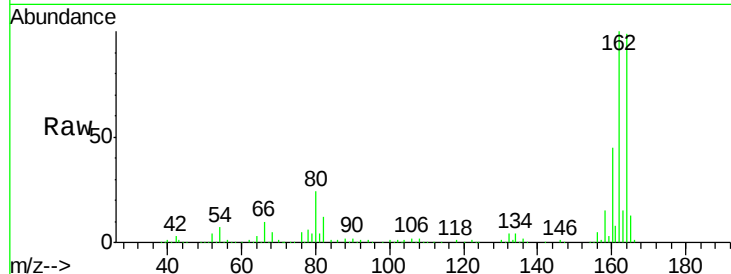




#50
 2,6-Dinitrotoluene
 Concen: 9.24 ng
 RT: 9.58 min Scan# 682
 Delta R.T. 0.11 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BL

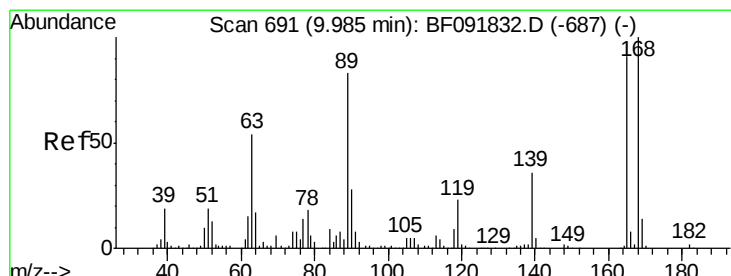
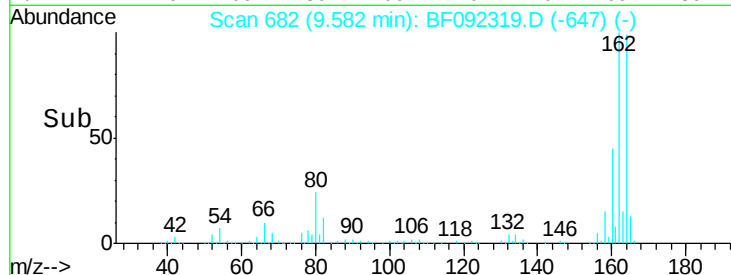
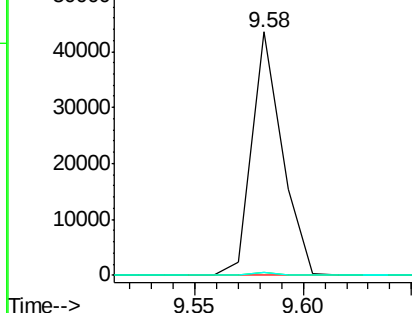
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.4	40.2	60.4#



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: 7.37 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.31 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

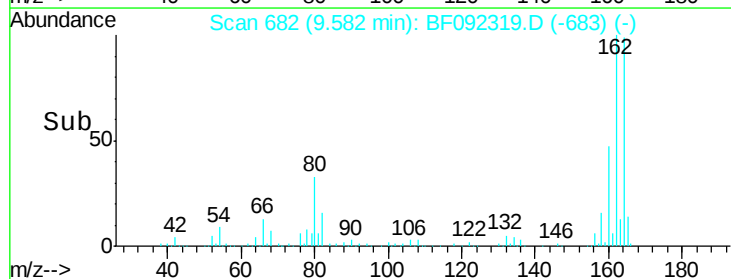
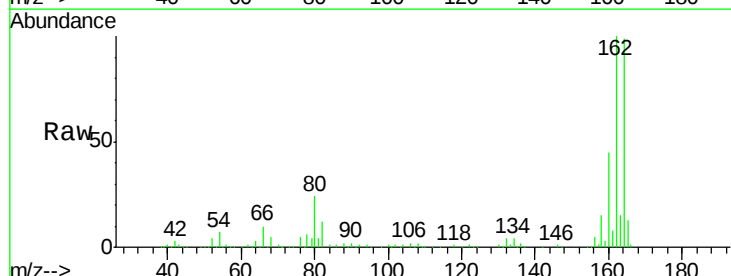
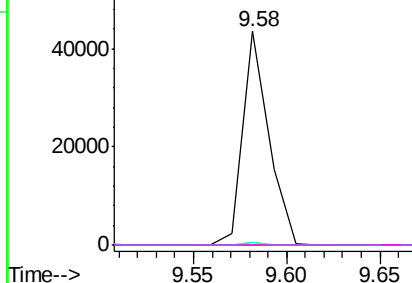
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

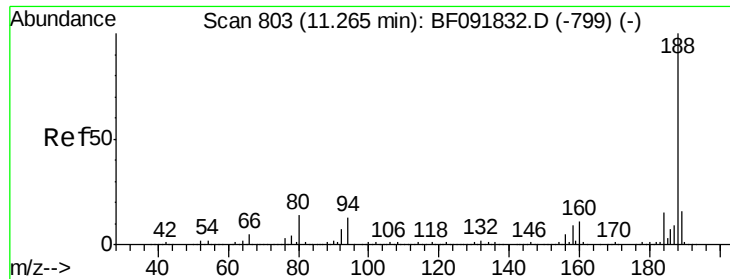
Abundance Ion 165.00 (164.70 to 165.70): E

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

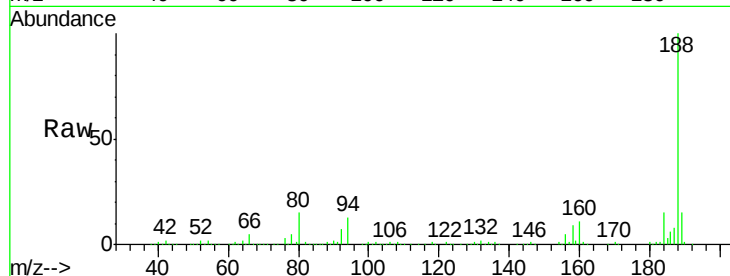




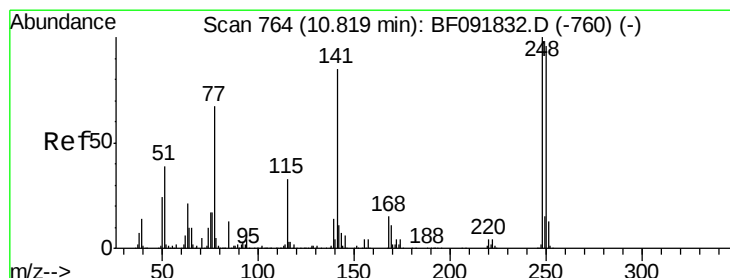
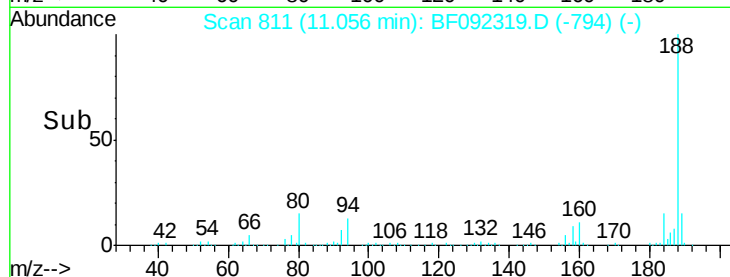
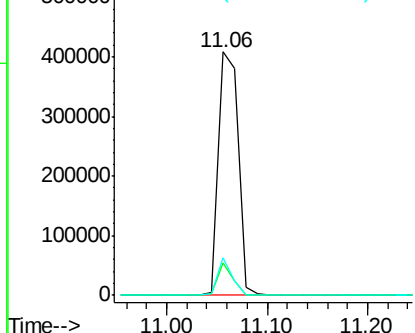
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Instrument :
BNA_F
ClientSampleId :
PB96060BL

Tgt Ion:188 Resp: 558872
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 15.3 11.2 16.8

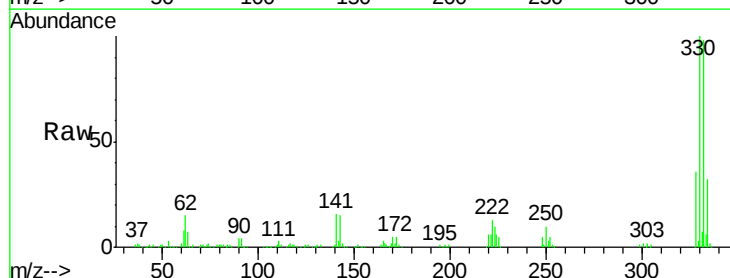


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

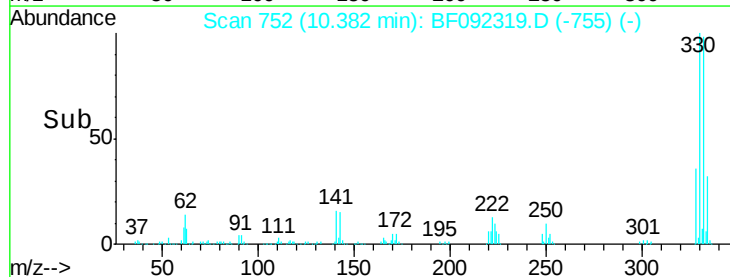
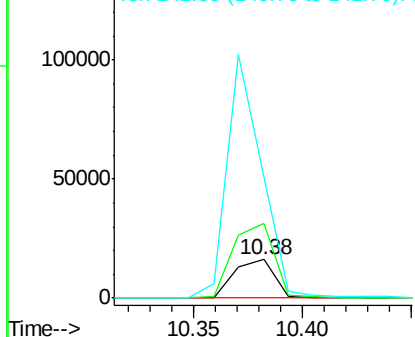


#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Tgt Ion:248 Resp: 20844
Ion Ratio Lower Upper
248 100
250 192.7 76.9 115.3#
141 314.0 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: 11.63 min Scan# 861

Delta R.T. -0.10 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

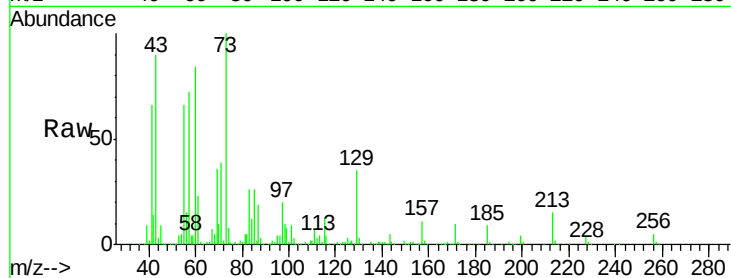
Tgt Ion:149 Resp: 12069

Ion Ratio Lower Upper

149 100

150 13.9 8.1 12.1#

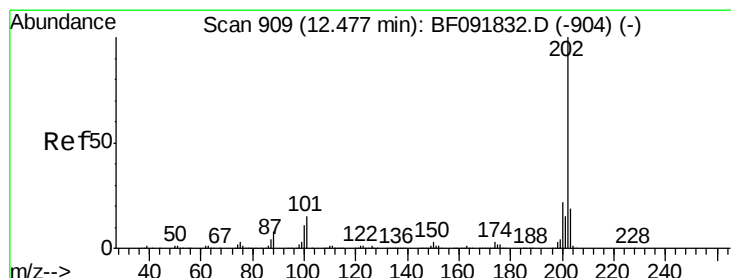
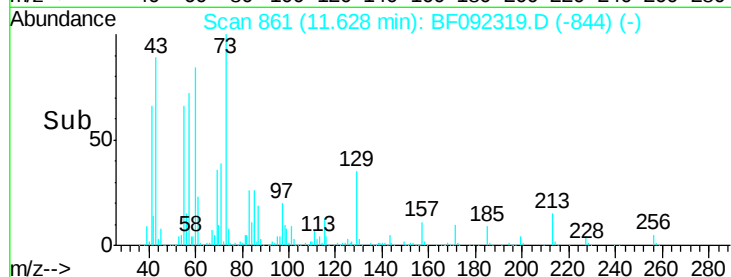
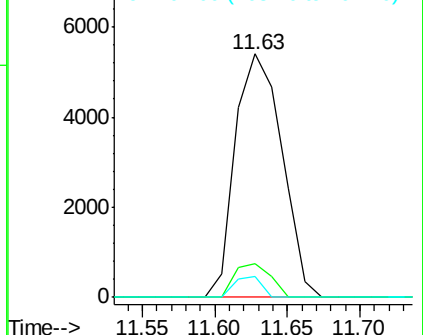
104 8.4 4.6 7.0#



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: BF092319.D

Acq: 17 Jan 2017 16:38

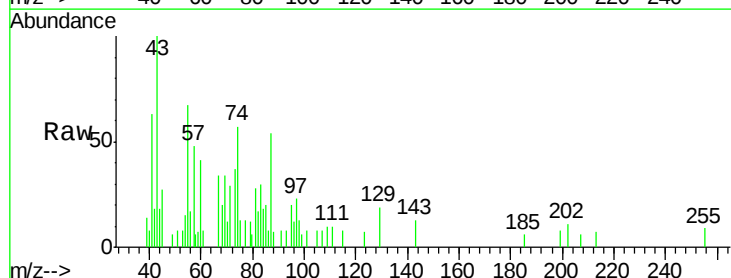
Tgt Ion:202 Resp: 1014

Ion Ratio Lower Upper

202 100

101 72.6 0.0 34.6#

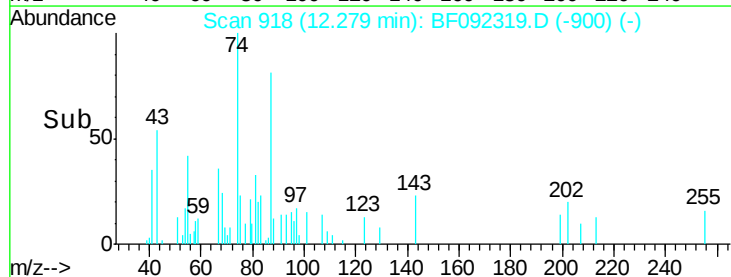
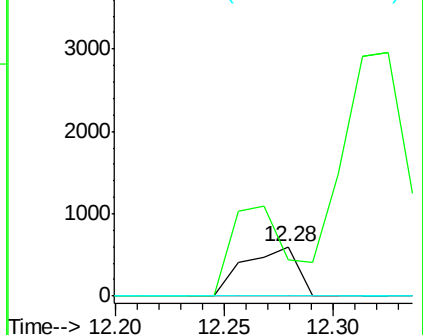
203 0.0 0.0 38.7

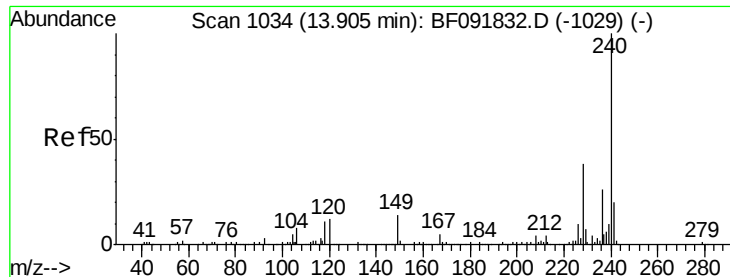


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

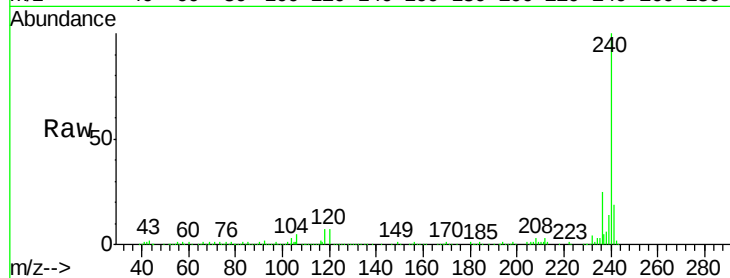
Tgt Ion:240 Resp: 444116

Ion Ratio Lower Upper

240 100

120 7.3 12.9 19.3#

236 25.4 20.9 31.3

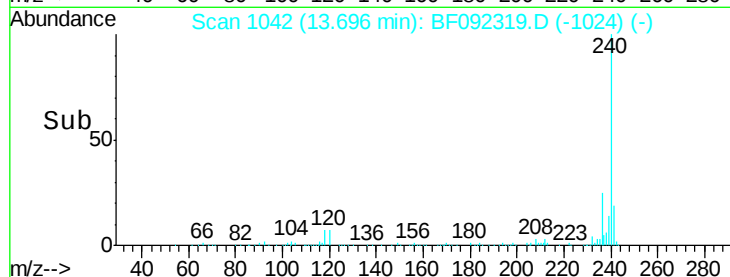


Abundance Ion 240.00 (239.70 to 240.70): E

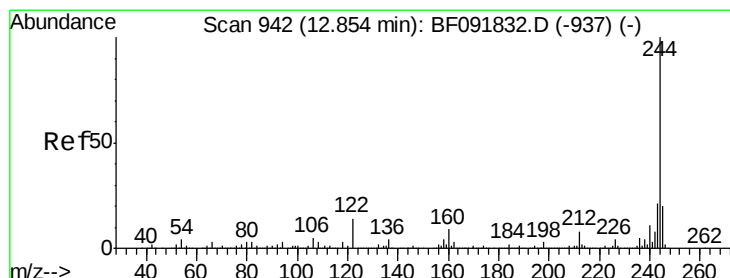
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.70



Time-->



#78

Terphenyl-d14

Concen: 89.41 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

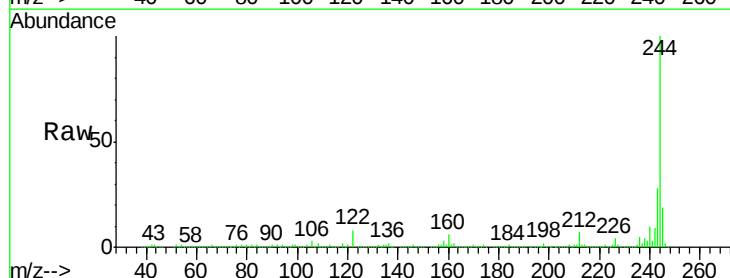
Tgt Ion:244 Resp: 1637248

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

122 8.2 11.4 17.2#

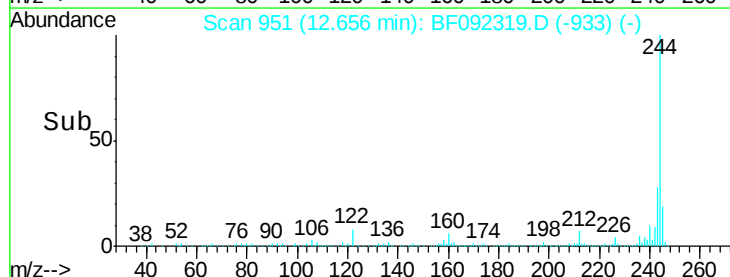


Abundance Ion 244.00 (243.70 to 244.70): E

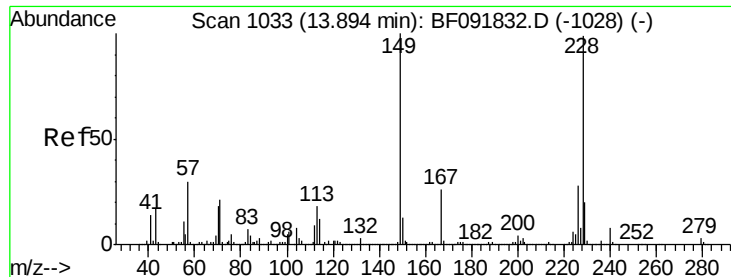
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.66



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 62.29 ng

RT: 13.56 min Scan# 1030

Delta R.T. -0.23 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

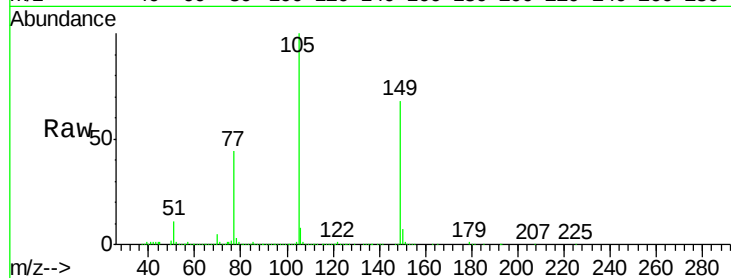
Tgt Ion:149 Resp: 1087128

Ion Ratio Lower Upper

149 100

167 0.0 20.2 30.4#

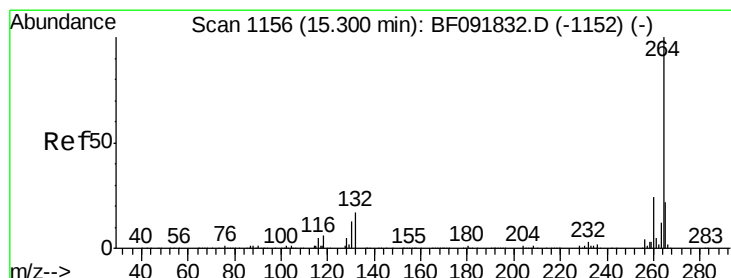
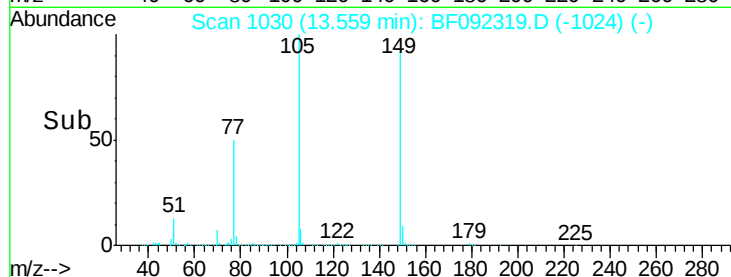
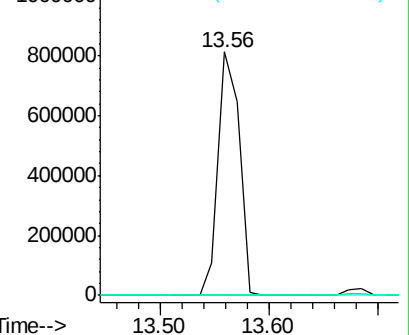
279 0.0 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1159

Delta R.T. -0.11 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

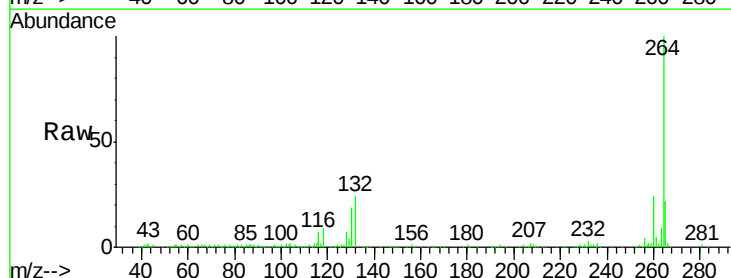
Tgt Ion:264 Resp: 341525

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

