

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092310.D
 Acq On : 17 Jan 2017 5:09
 Operator : UM/SJ
 Sample : I1206-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011217-DSDC-F-D-M

Quant Time: Jan 17 05:55:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

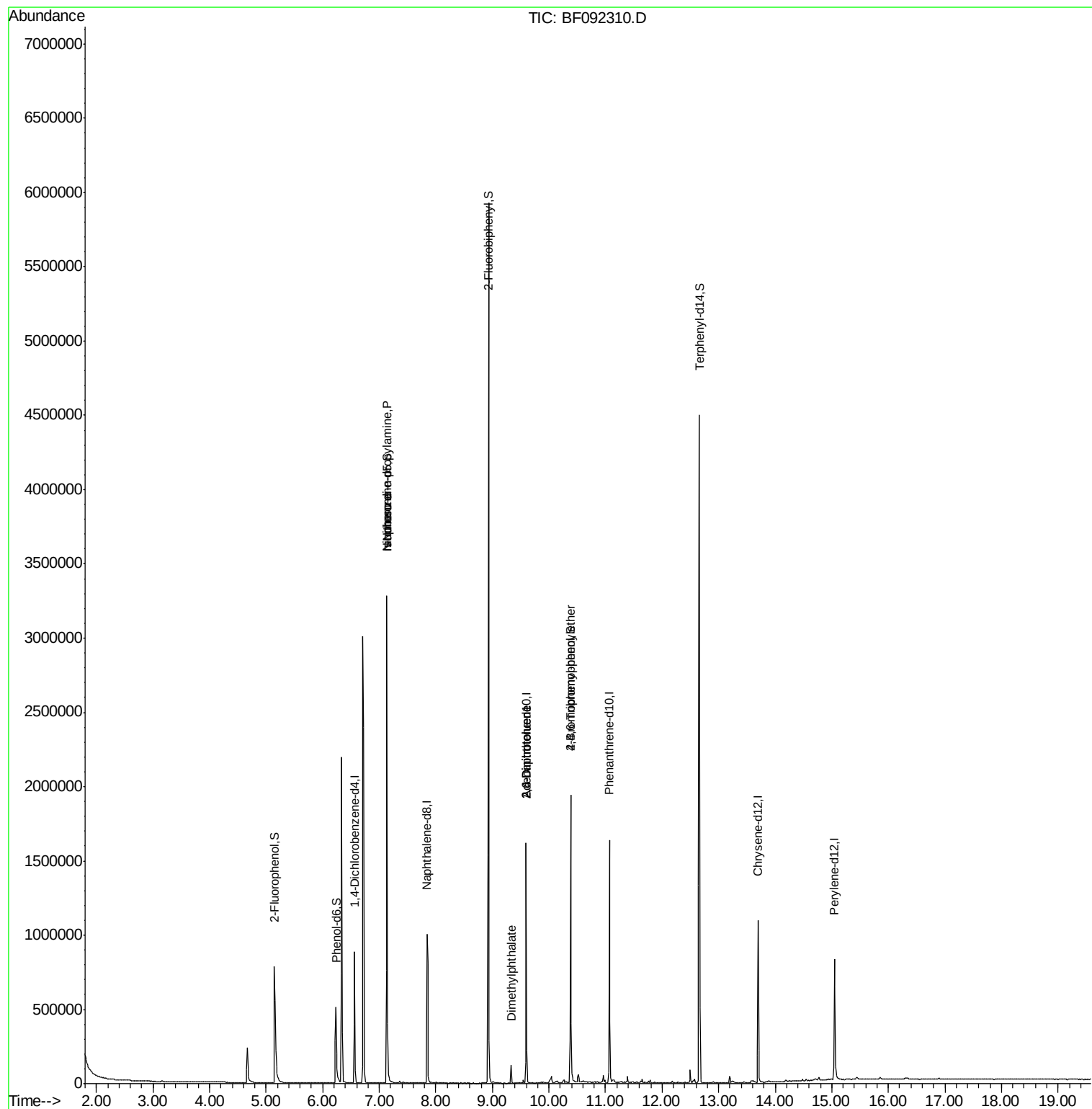
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	160211	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	673556	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	324773	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	592532	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	382924	20.00	ng	-0.01
86) Perylene-d12	15.05	264	414108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	393214	40.98	ng	0.00
7) Phenol-d6	6.23	99	293865	25.09	ng	0.00
23) Nitrobenzene-d5	7.14	82	1135938	93.78	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	234511	87.25	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	1771852	116.57	ng	0.00
78) Terphenyl-d14	12.66	244	1458477	92.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	150297	19.28	ng	# 76
25) Isophorone	7.14	82	1135923	50.83	ng	# 65
37) 2-Methylnaphthalene	8.56	142	981	Below Cal	#	89
49) Dimethylphthalate	9.33	163	49923	2.40	ng	99
50) 2,6-Dinitrotoluene	9.59	165	42029	9.24	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	42029	7.37	ng	# 19
66) 4-Bromophenyl-phenylether	10.38	248	14584	2.37	ng	# 1
71) Anthracene	11.15	178	3581	Below Cal	#	97
73) Di-n-butylphthalate	11.65	149	11011	Below Cal	#	95
74) Fluoranthene	12.28	202	4009	Below Cal	#	95

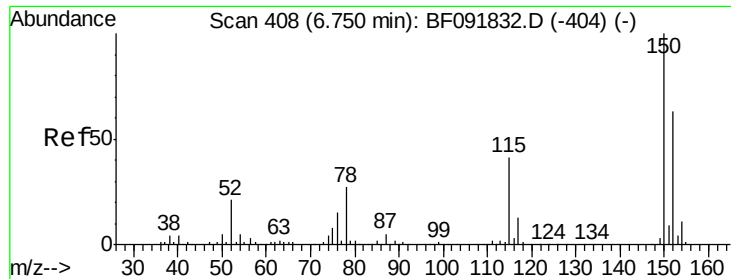
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-D-M

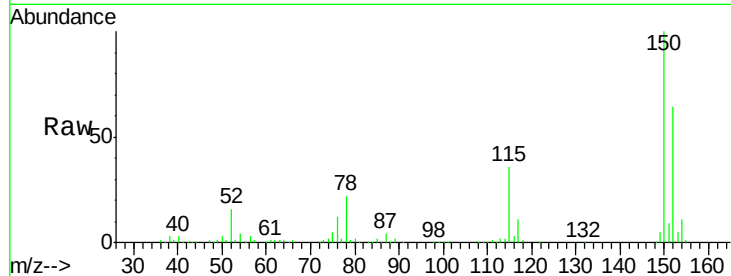
Tgt Ion:152 Resp: 160211

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

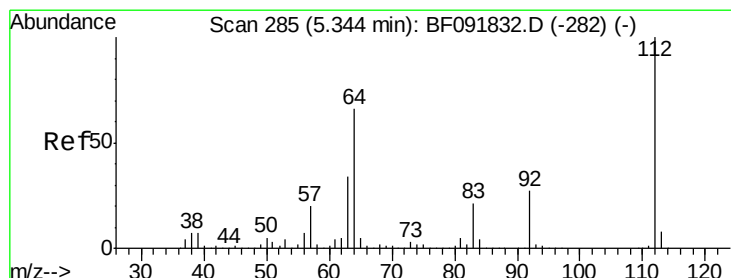
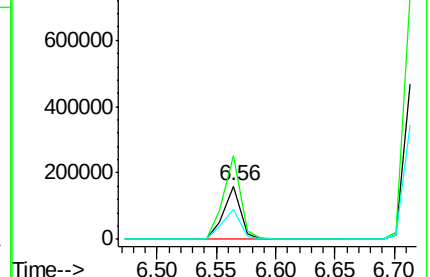
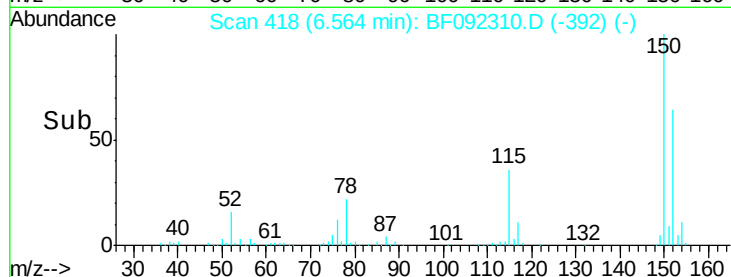
115 55.9 46.0 69.0



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: 40.98 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

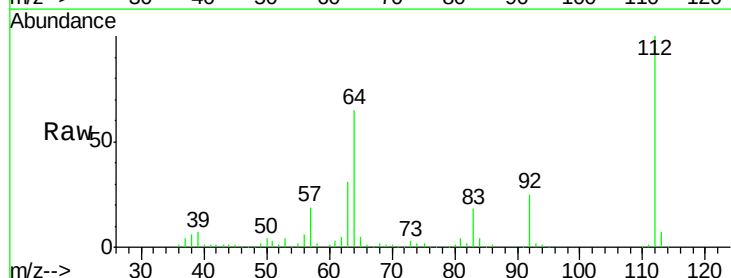
Tgt Ion:112 Resp: 393214

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

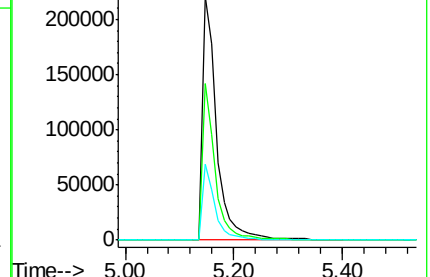
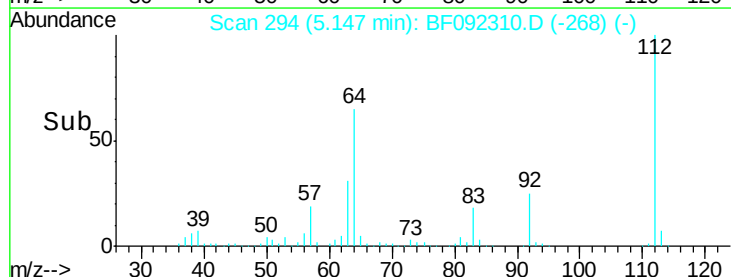
63 31.2 23.8 35.6

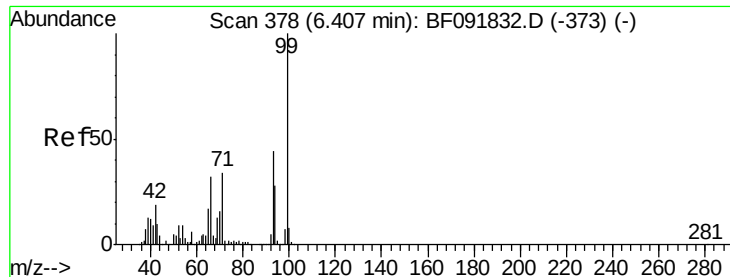


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.09 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-D-M

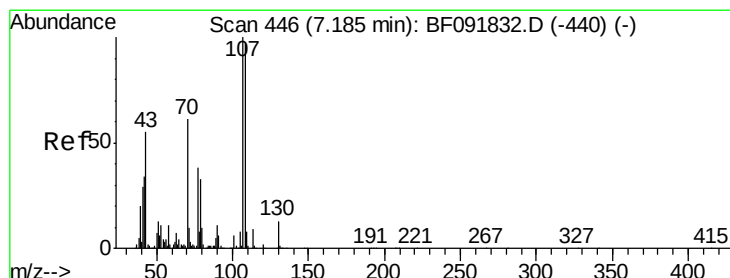
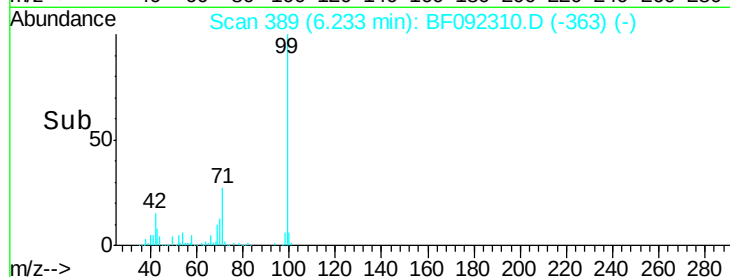
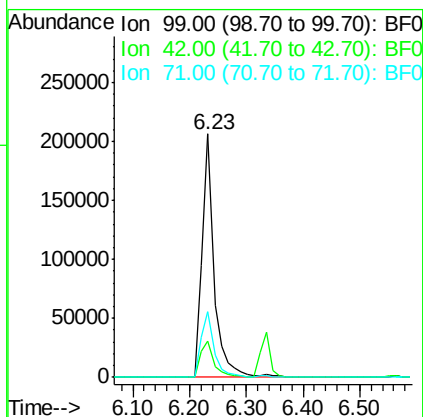
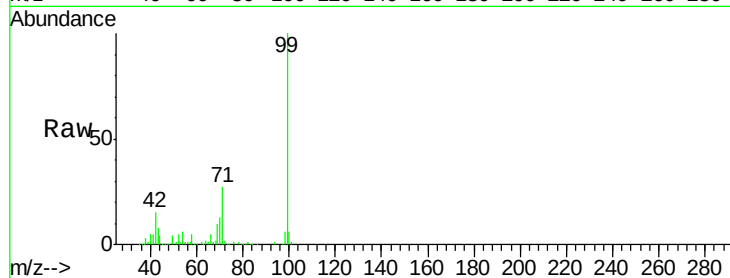
Tgt Ion: 99 Resp: 293865

Ion Ratio Lower Upper

99 100

42 14.7 15.6 23.4#

71 27.0 27.5 41.3#



#19

n-Nitroso-di-n-propylamine

Concen: 19.28 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

Tgt Ion: 70 Resp: 150297

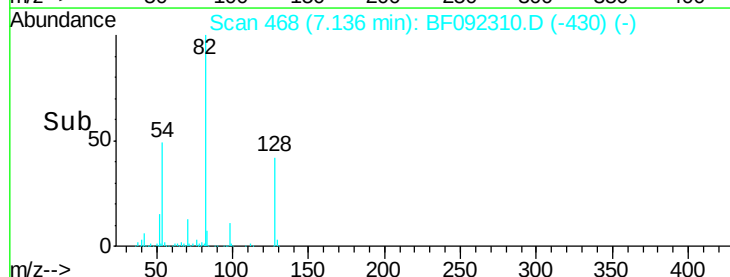
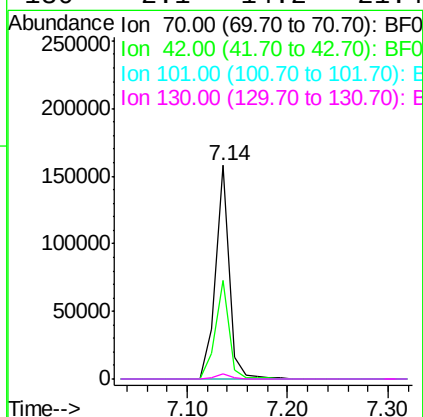
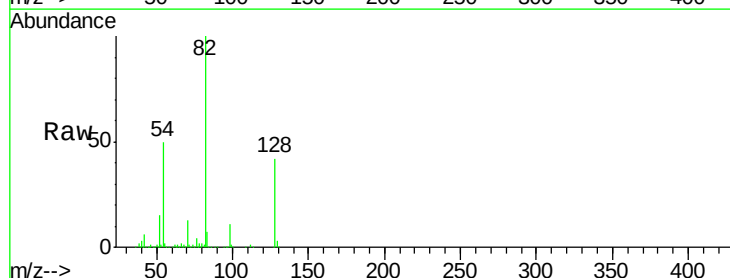
Ion Ratio Lower Upper

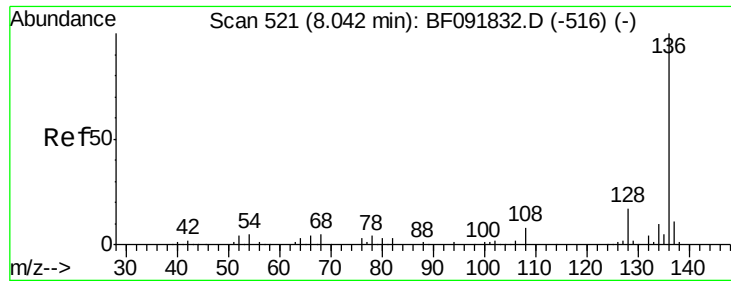
70 100

42 46.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

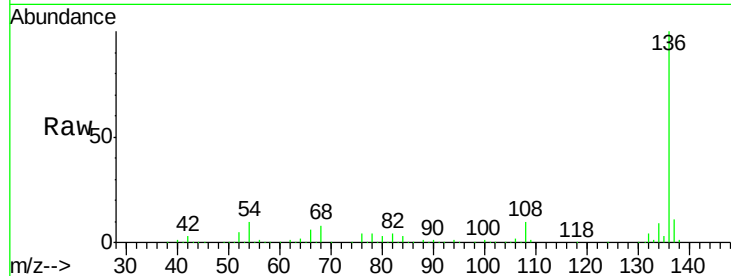




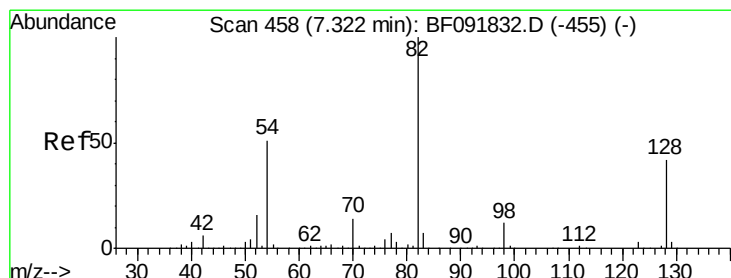
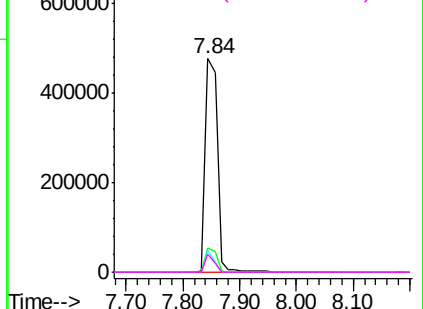
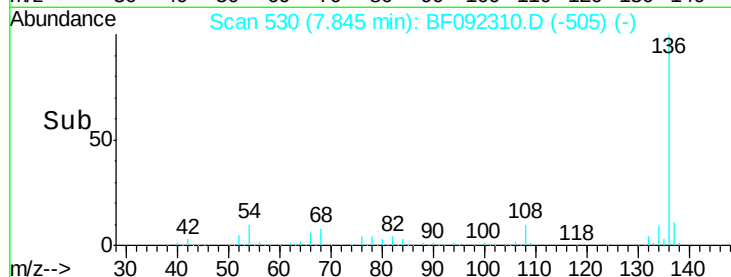
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

Tgt Ion:	136	Resp:	673556
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	10.3	4.5	6.7#
68	8.2	3.6	5.4#

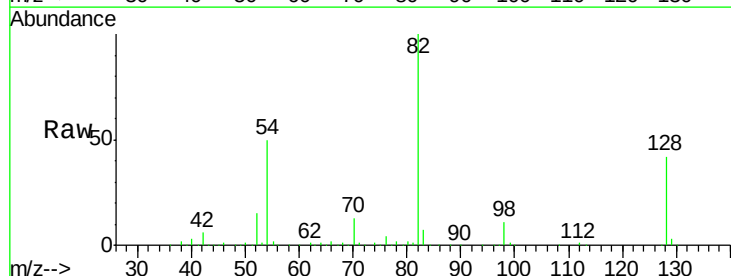


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

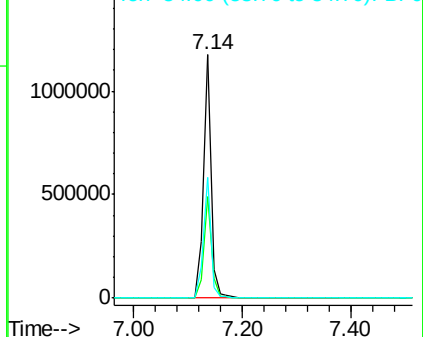
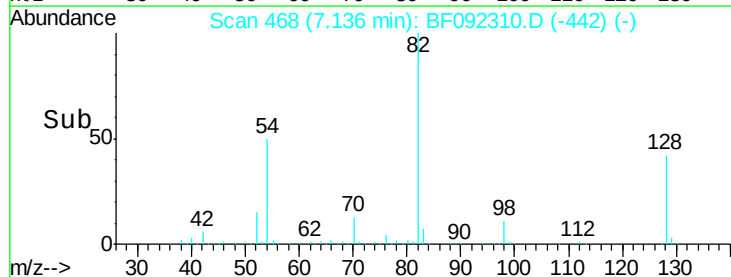


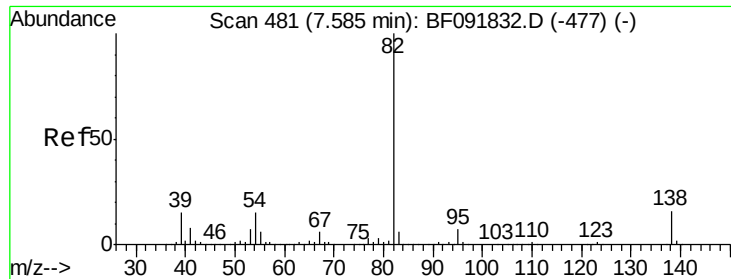
#23
Nitrobenzene-d5
Concen: 93.78 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion:	82	Resp:	1135938
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	49.6	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





#25

Isophorone

Concen: 50.83 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.26 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-D-M

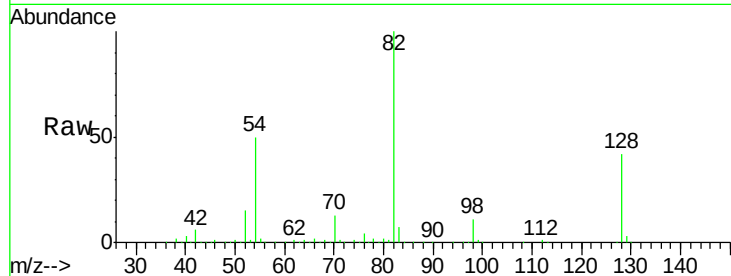
Tgt Ion: 82 Resp: 1135923

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

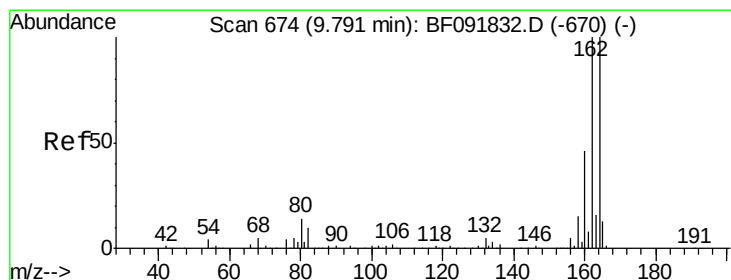
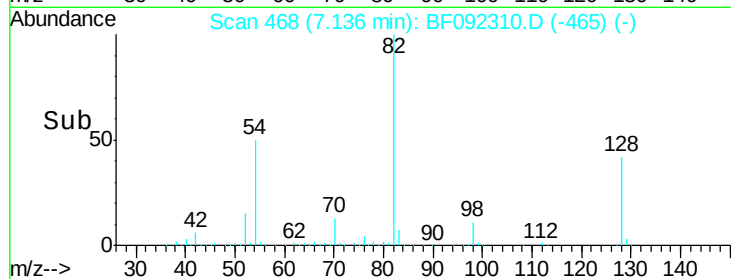
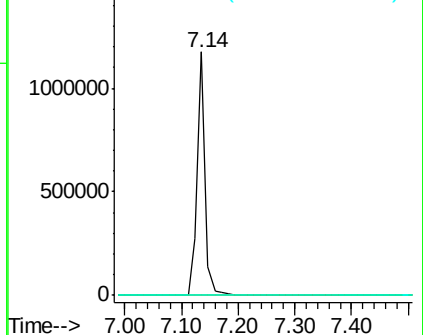
138 0.0 14.6 22.0#



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: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

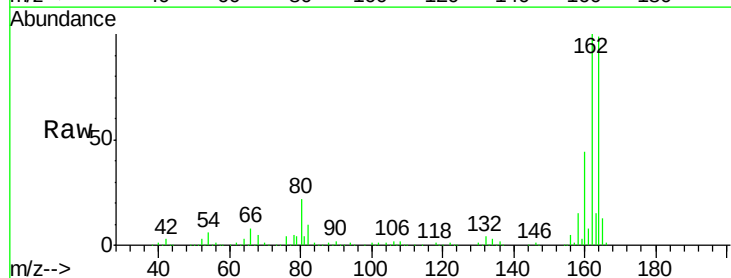
Tgt Ion: 164 Resp: 324773

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

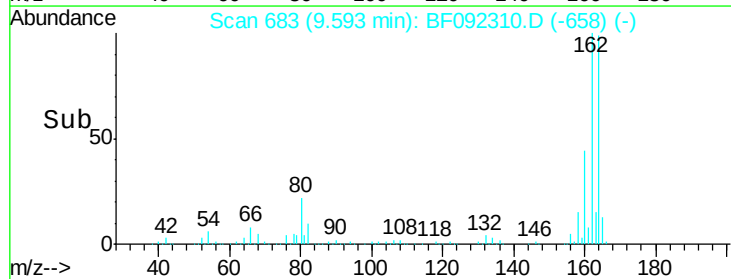
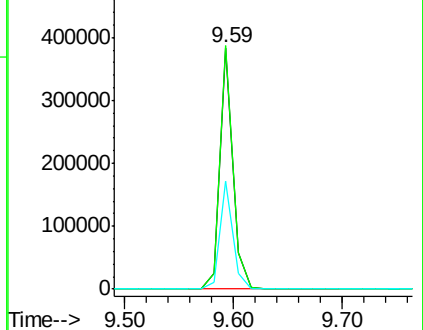
160 44.9 36.9 55.3

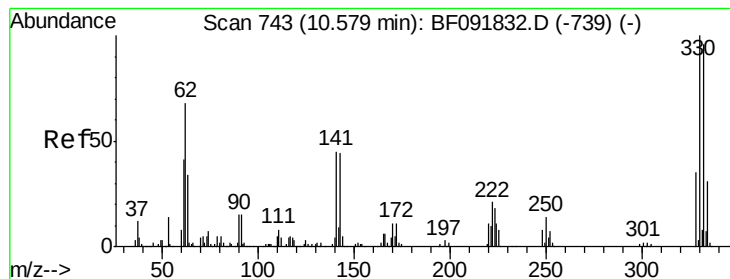


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

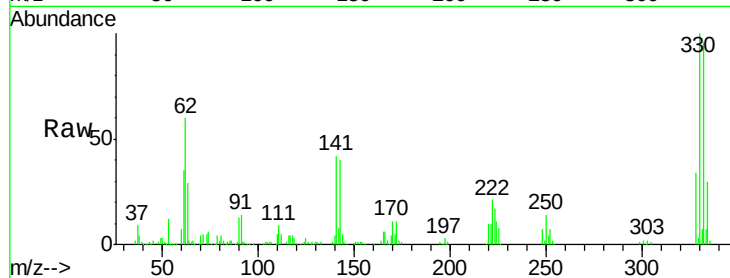




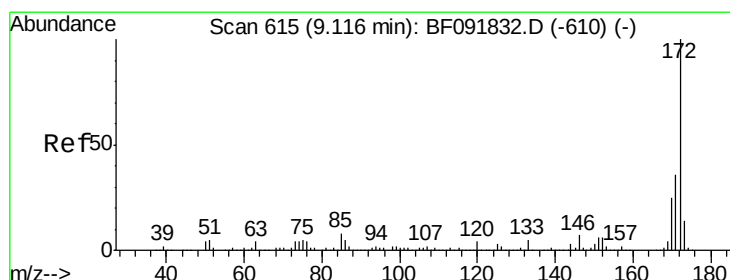
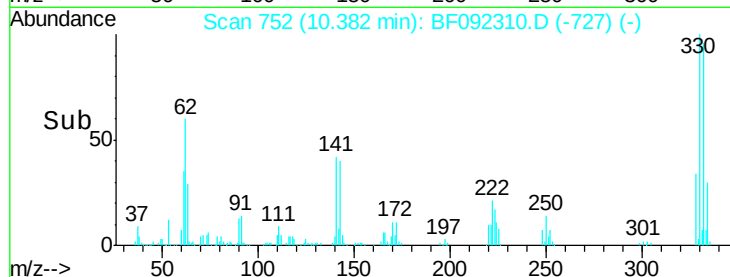
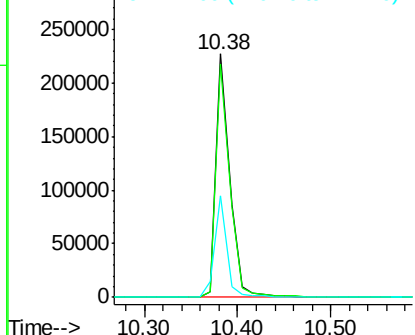
#41
 2,4,6-Tribromophenol
 Concen: 87.25 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092310.D
 Acq: 17 Jan 2017 5:09

Instrument :
 BNA_F
 ClientSampleId :
 011217-DSDC-F-D-M

Tgt Ion:330 Resp: 234511
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 37.0 34.1 51.1

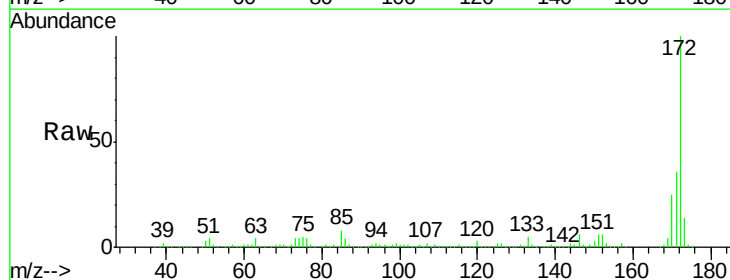


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

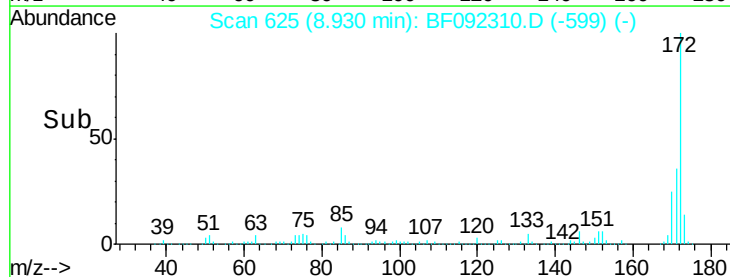
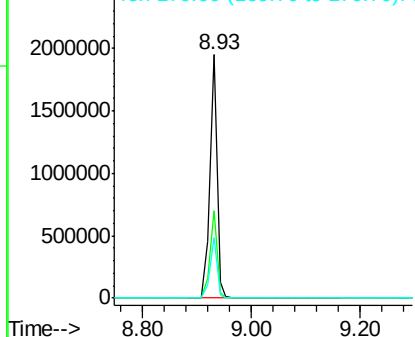


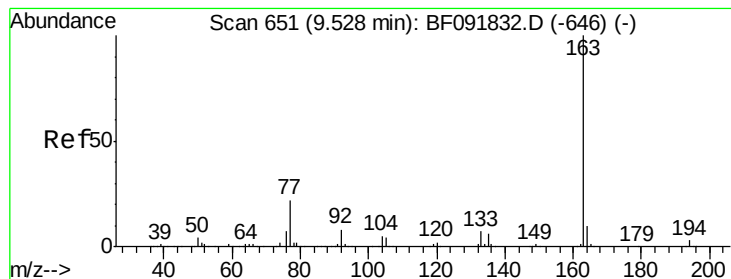
#44
 2-Fluorobiphenyl
 Concen: 116.57 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092310.D
 Acq: 17 Jan 2017 5:09

Tgt Ion:172 Resp: 1771852
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.6 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: 2.40 ng

RT: 9.33 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-D-M

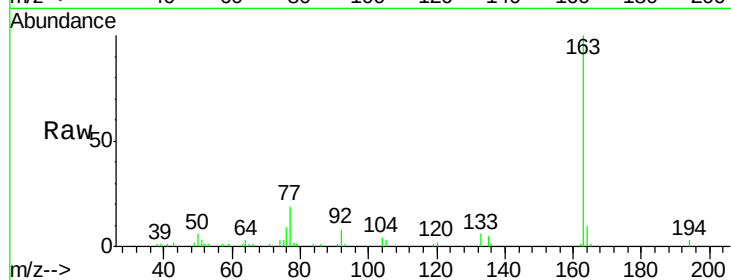
Tgt Ion:163 Resp: 49923

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

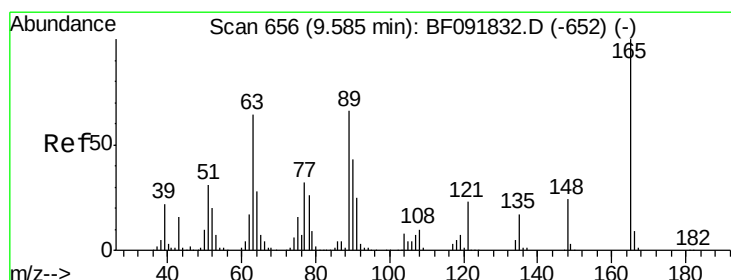
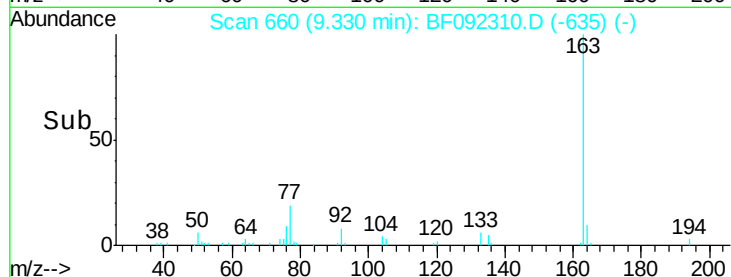
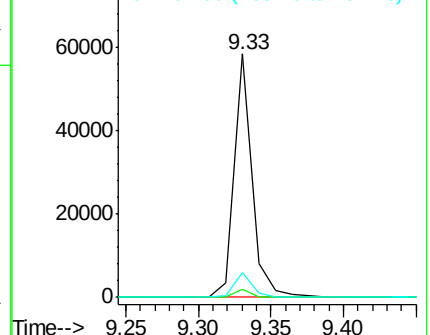
164 10.1 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 9.24 ng

RT: 9.59 min Scan# 683

Delta R.T. 0.18 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

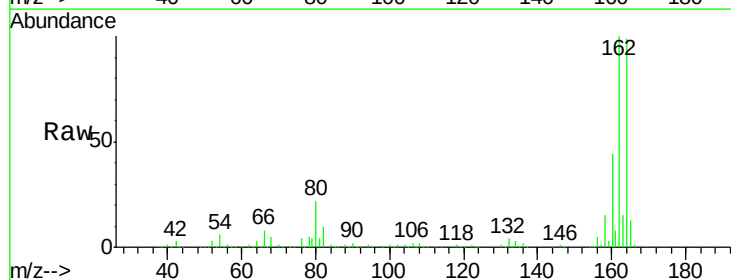
Tgt Ion:165 Resp: 42029

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

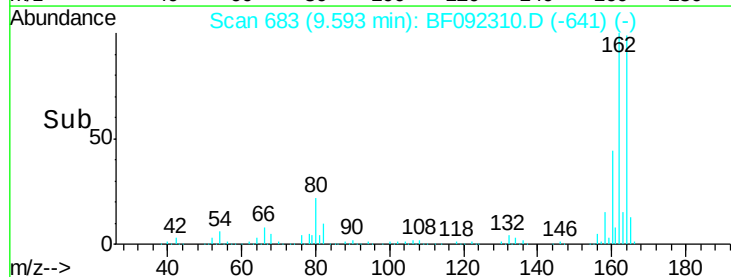
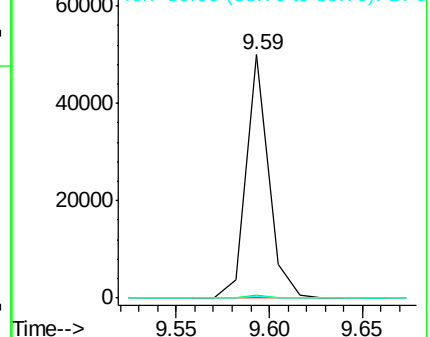
89 0.7 40.2 60.4#

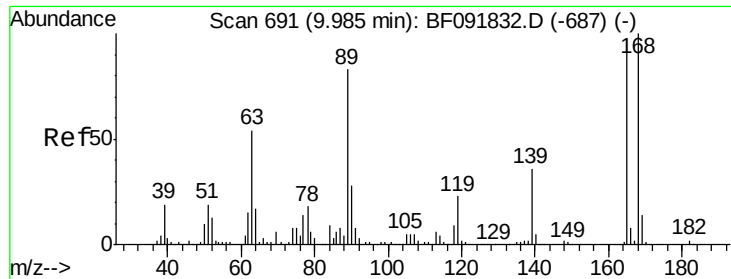


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

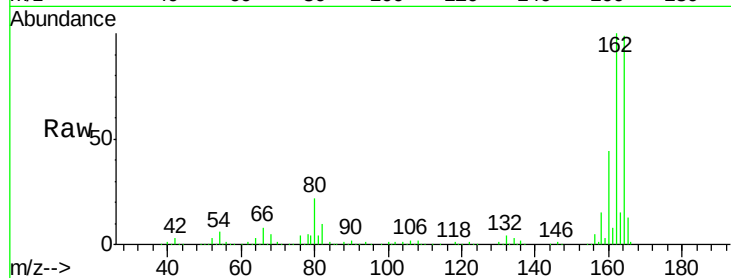




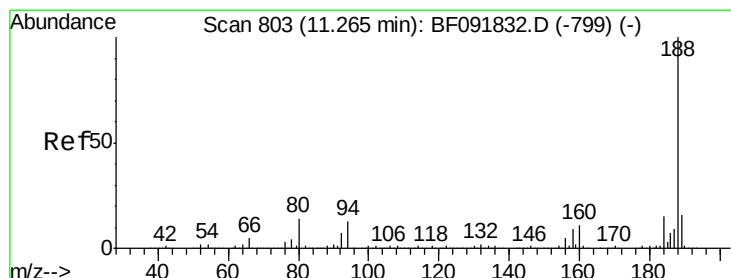
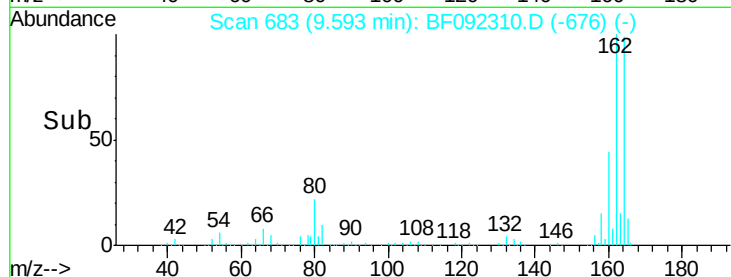
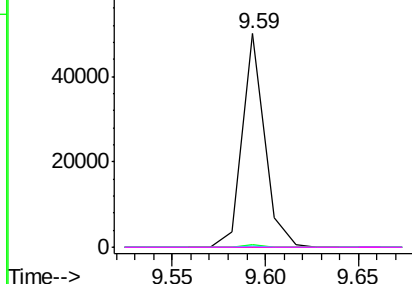
#56
 2,4-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF092310.D
 Acq: 17 Jan 2017 5:09

Instrument :
 BNA_F
 ClientSampleId :
 011217-DSDC-F-D-M

Tgt Ion:	165	Resp:	42029
Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

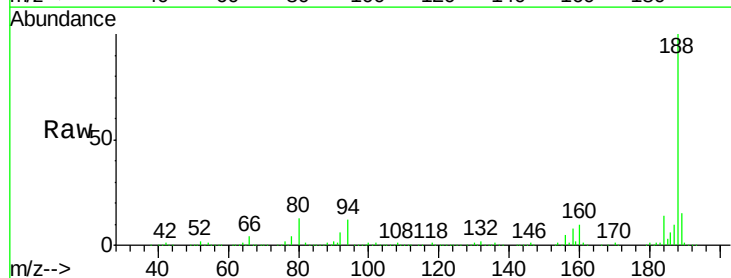


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

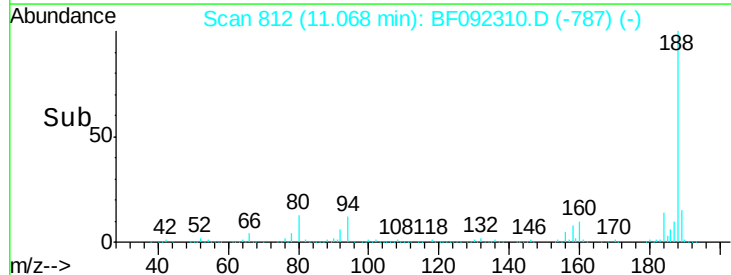
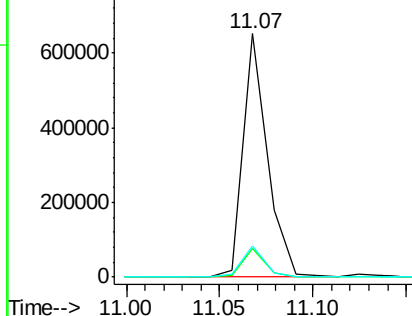


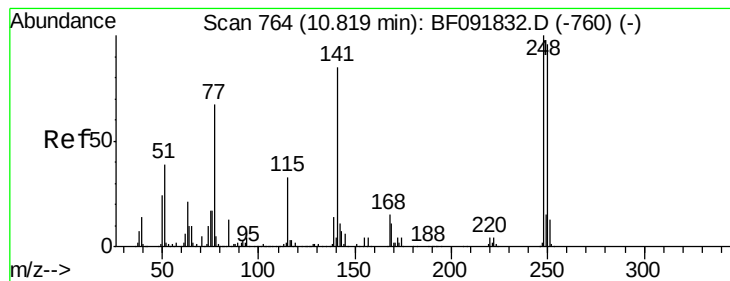
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092310.D
 Acq: 17 Jan 2017 5:09

Tgt Ion:	188	Resp:	592532
Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	12.9	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: 2.37 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.25 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-D-M

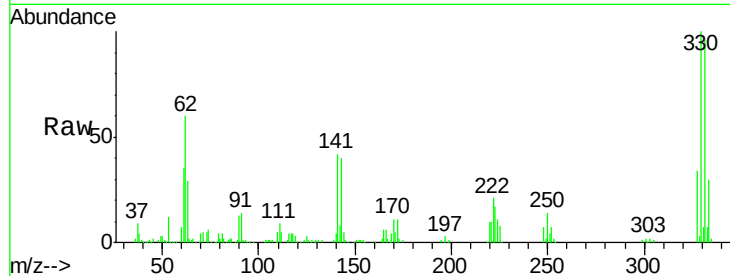
Tgt Ion:248 Resp: 14584

Ion Ratio Lower Upper

248 100

250 197.9 76.9 115.3#

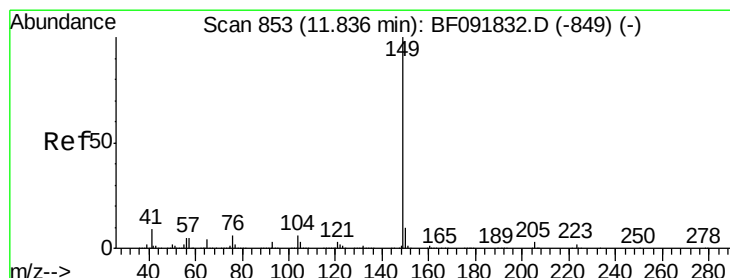
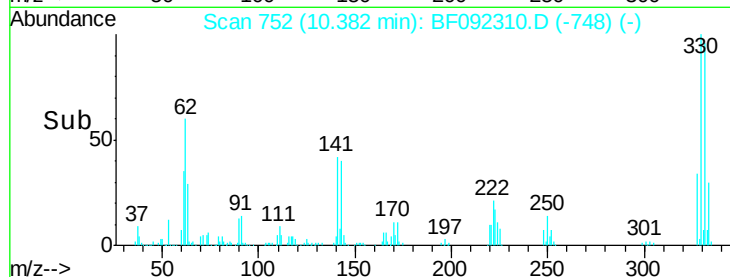
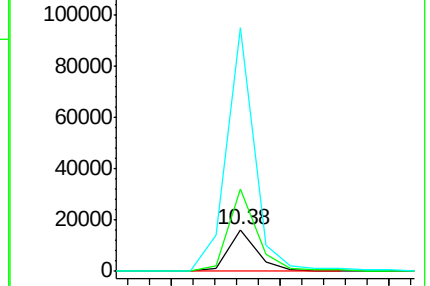
141 584.8 68.2 102.4#



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: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

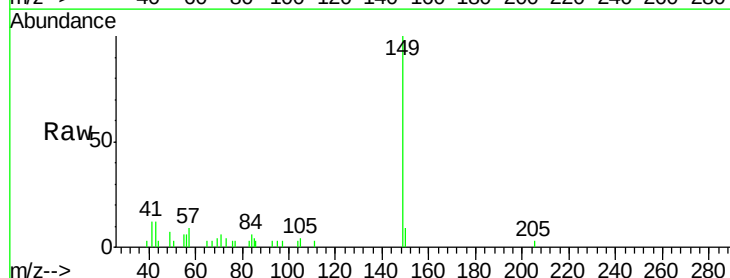
Tgt Ion:149 Resp: 11011

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

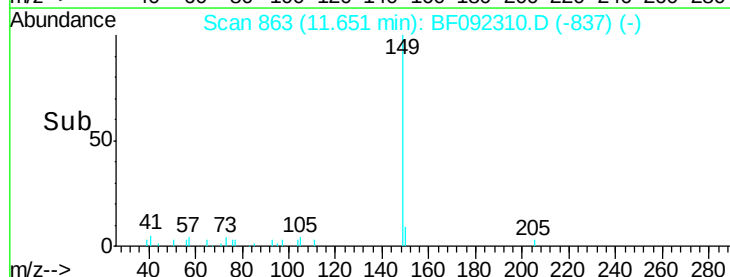
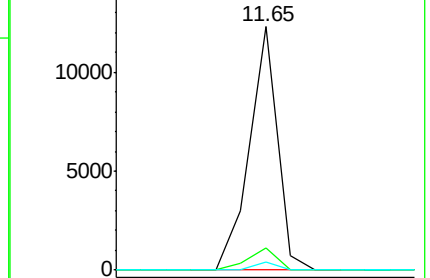
104 3.3 4.6 7.0#

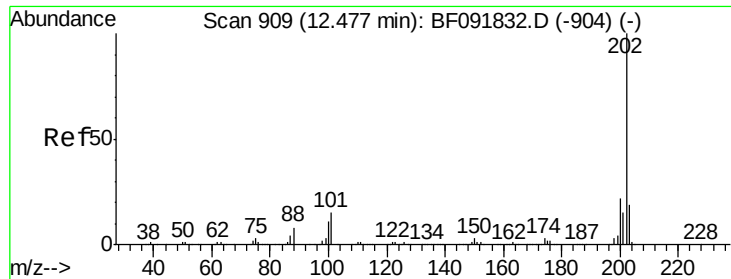


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

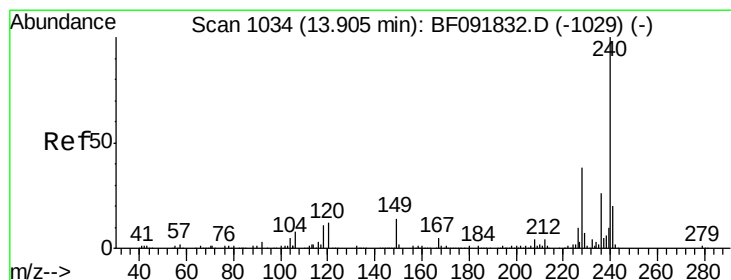
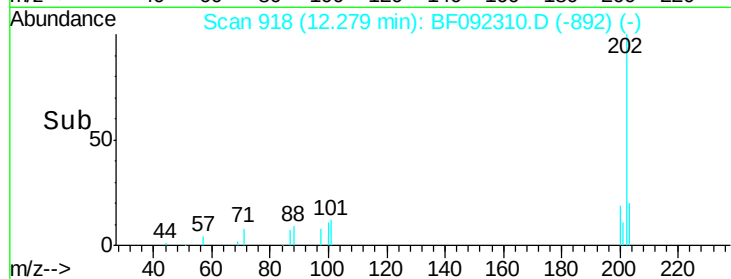
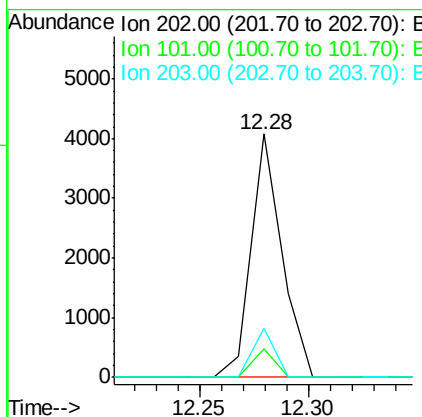
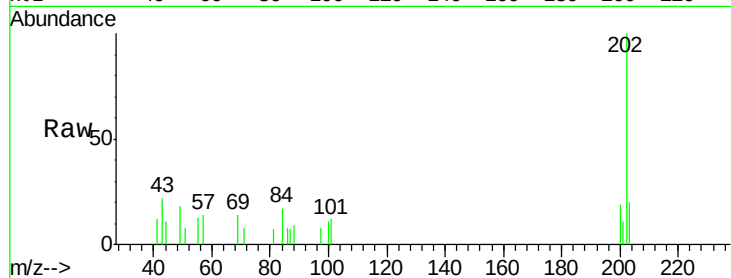




#74
Fluoranthene
Concen: Below Cal
RT: 12.28 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

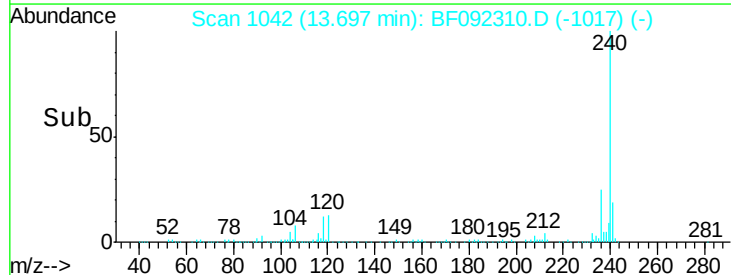
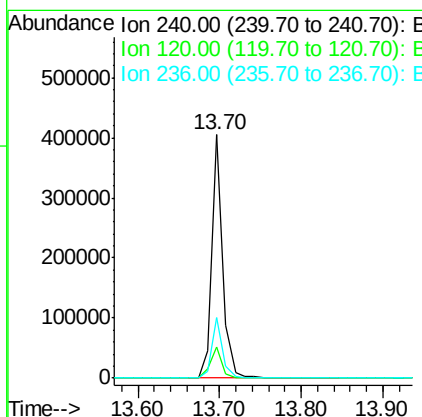
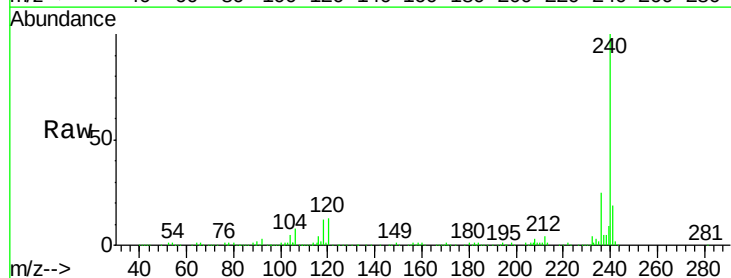
Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-D-M

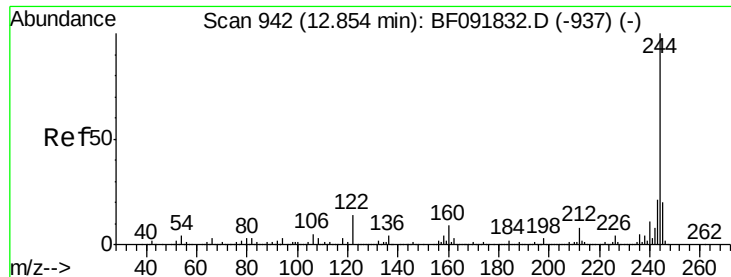
Tgt Ion: 202 Resp: 4009
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.6
203 20.3 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092310.D
Acq: 17 Jan 2017 5:09

Tgt Ion: 240 Resp: 382924
Ion Ratio Lower Upper
240 100
120 12.9 12.9 19.3
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 92.37 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-D-M

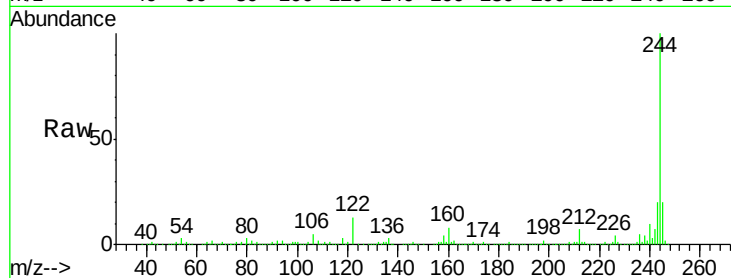
Tgt Ion:244 Resp: 1458477

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 13.3 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

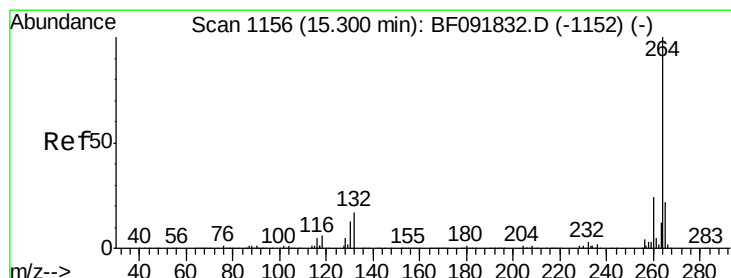
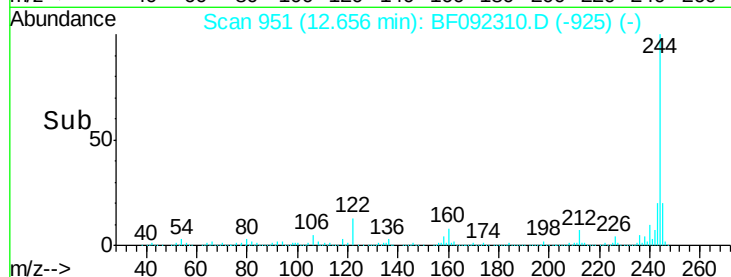
1500000

1000000

500000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092310.D

Acq: 17 Jan 2017 5:09

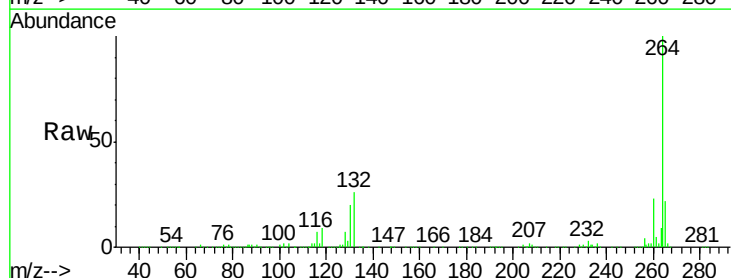
Tgt Ion:264 Resp: 414108

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 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

15.05

300000

200000

100000

0

Time-->

