

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092311.D
 Acq On : 17 Jan 2017 5:37
 Operator : UM/SJ
 Sample : I1206-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Jan 17 06:19:46 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

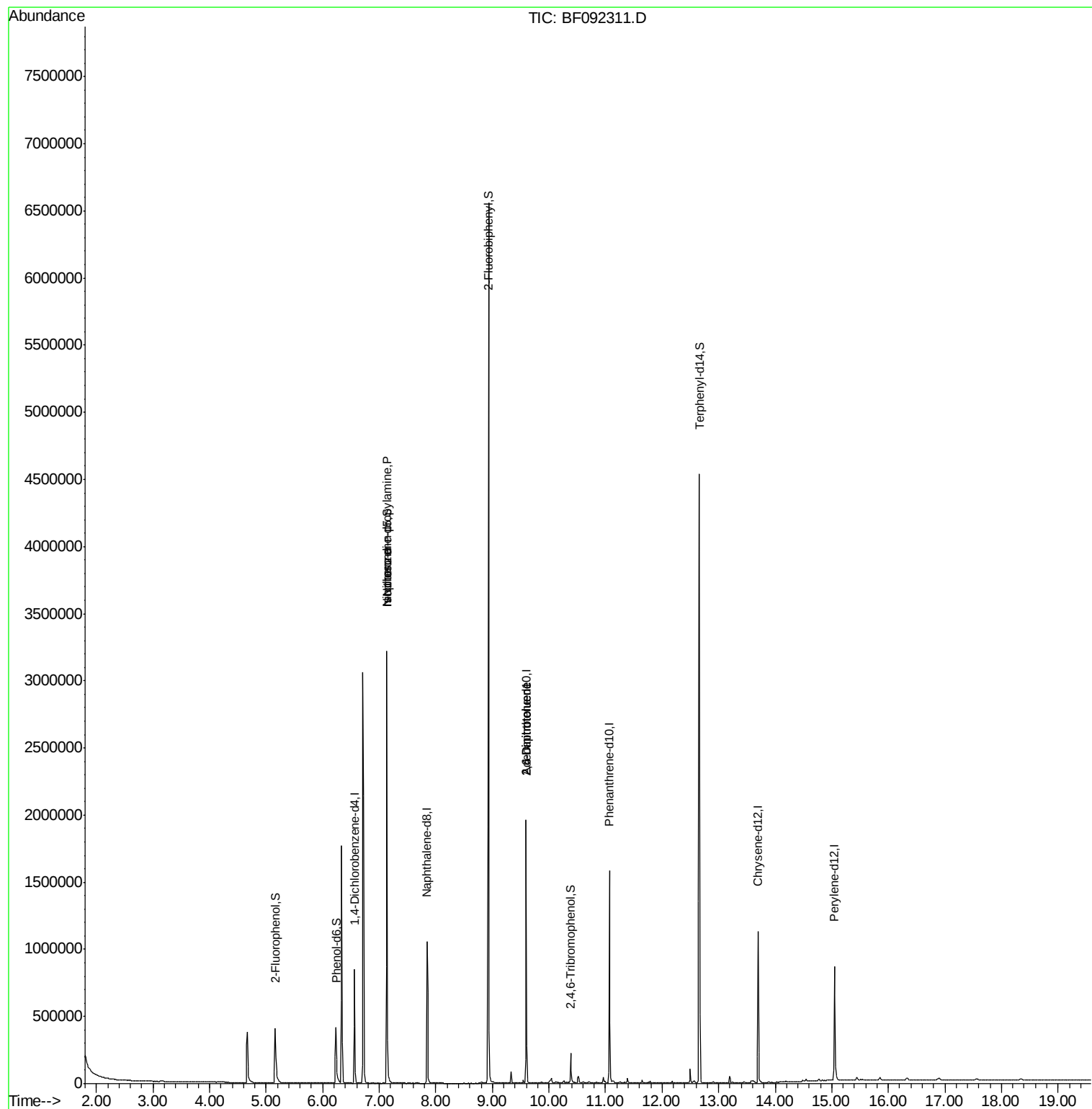
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	159196	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	642626	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	400707	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	585614	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	405406	20.00	ng	-0.01
86) Perylene-d12	15.05	264	430494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	199239	20.90	ng	0.01
7) Phenol-d6	6.23	99	233641	20.07	ng	0.00
23) Nitrobenzene-d5	7.14	82	1117952	96.74	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	31387	9.46	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	2040507	107.80	ng	0.00
78) Terphenyl-d14	12.66	244	1473770	88.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	145407	18.78	ng	# 79
25) Isophorone	7.14	82	1111007	52.11	ng	# 65
50) 2,6-Dinitrotoluene	9.59	165	52276	9.32	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	52268	7.42	ng	# 19
71) Anthracene	11.09	178	2485	Below	Cal	97
73) Di-n-butylphthalate	11.65	149	10097	Below	Cal #	97
74) Fluoranthene	12.28	202	1672	Below	Cal	69

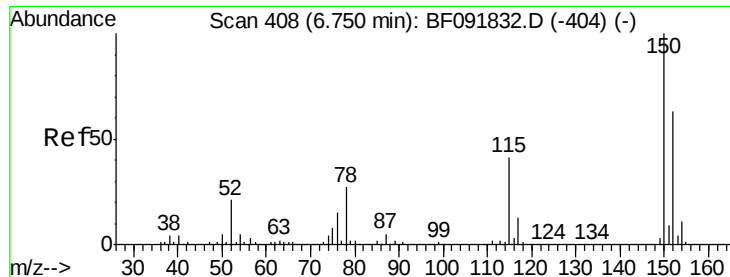
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092311.D

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Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

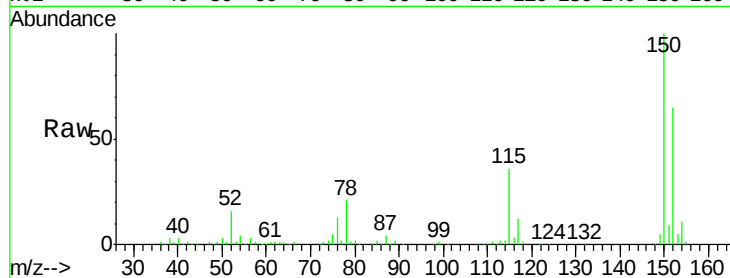
Tgt Ion:152 Resp: 159196

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

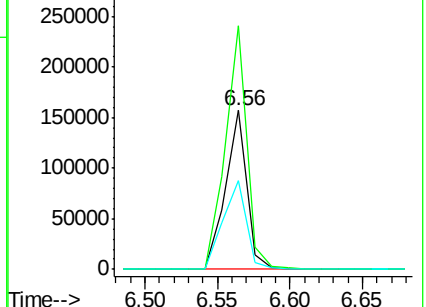
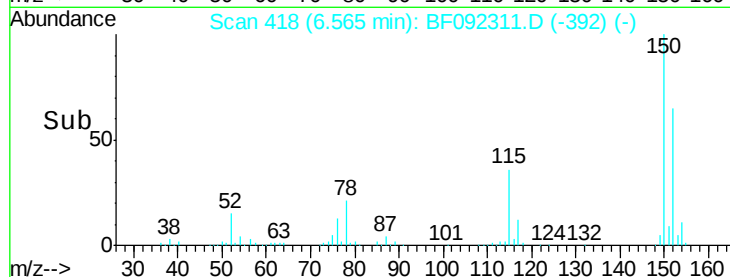
115 55.9 46.0 69.0



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: 20.90 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

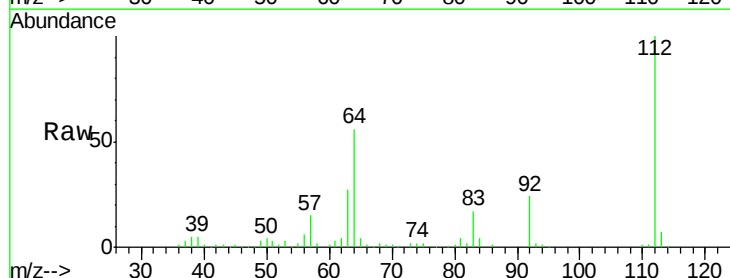
Tgt Ion:112 Resp: 199239

Ion Ratio Lower Upper

112 100

64 55.8 46.1 69.1

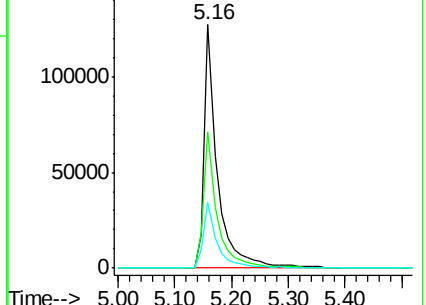
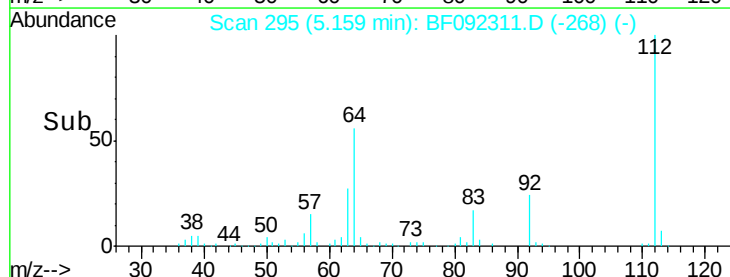
63 27.0 23.8 35.6



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: 20.07 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

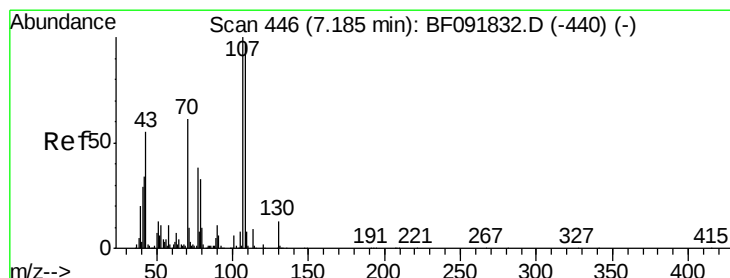
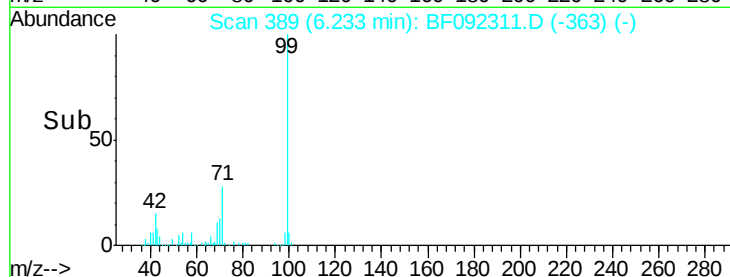
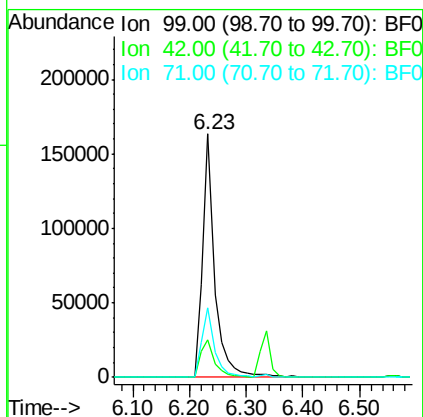
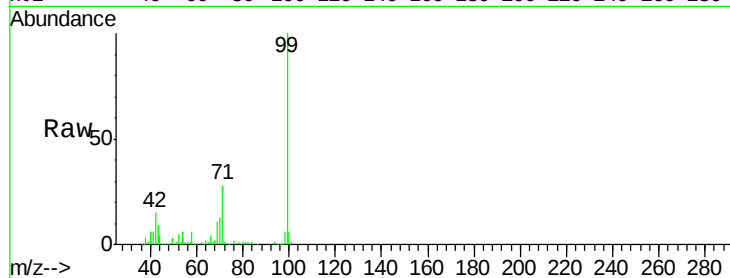
Tgt Ion: 99 Resp: 233641

Ion Ratio Lower Upper

99 100

42 15.4 15.6 23.4#

71 28.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.78 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Tgt Ion: 70 Resp: 145407

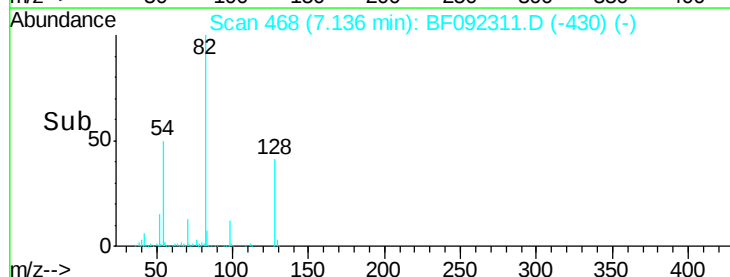
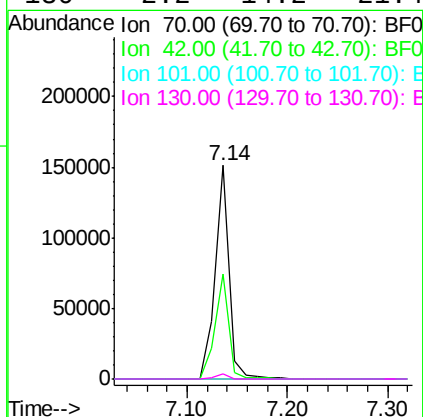
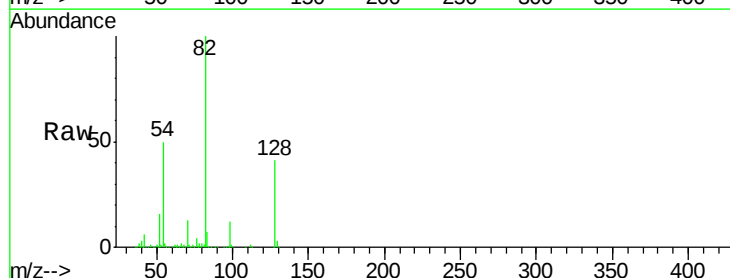
Ion Ratio Lower Upper

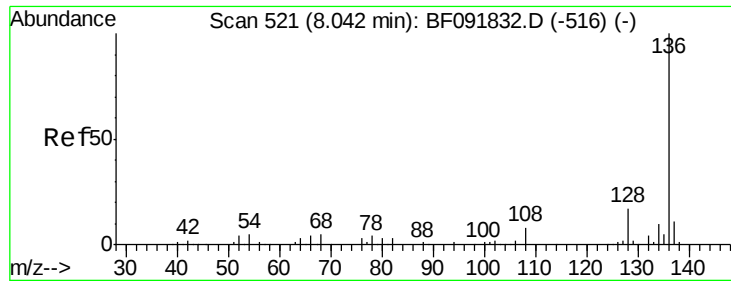
70 100

42 49.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

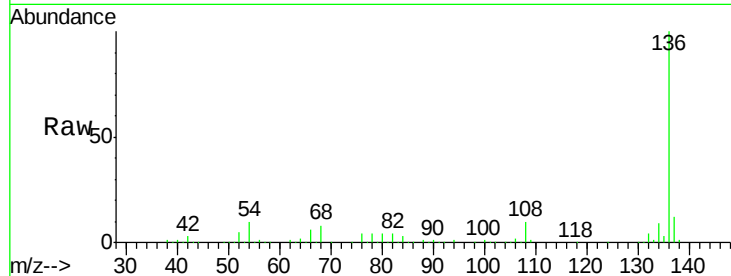




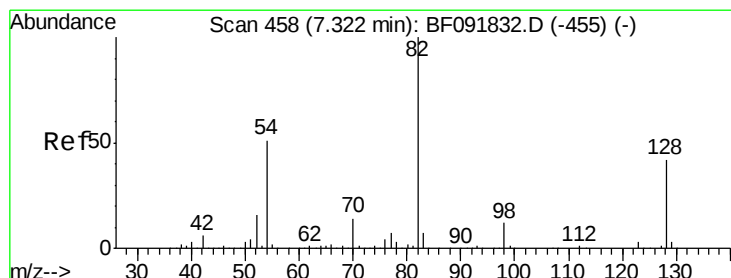
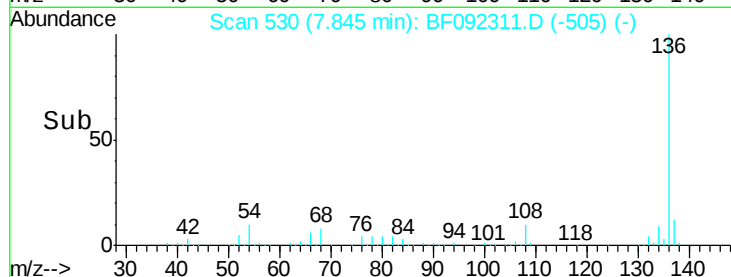
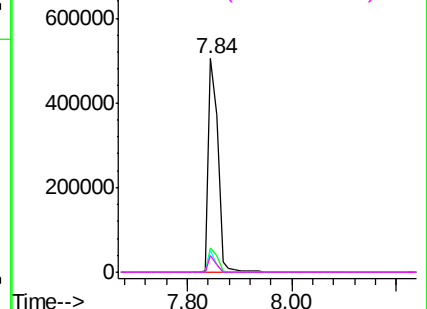
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092311.D
Acq: 17 Jan 2017 5:37

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

Tgt Ion:	136	Resp:	642626
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.4	12.6
54	10.1	4.5	6.7#
68	7.9	3.6	5.4#

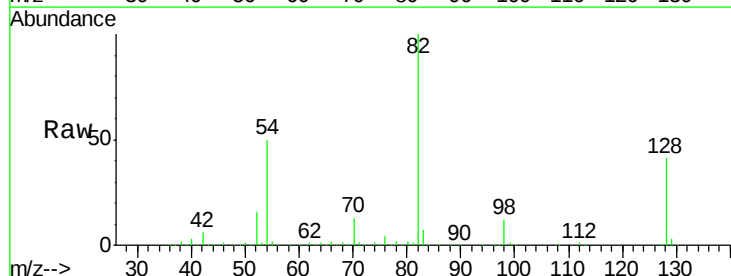


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

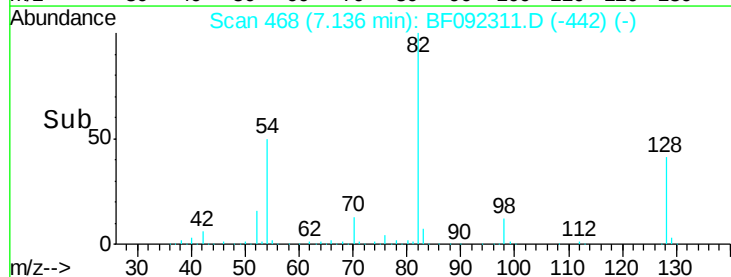
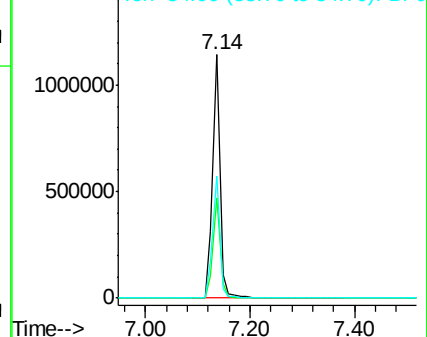


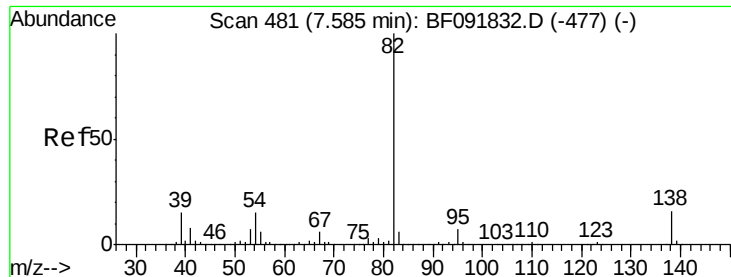
#23
Nitrobenzene-d5
Concen: 96.74 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092311.D
Acq: 17 Jan 2017 5:37

Tgt Ion:	82	Resp:	1117952
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	50.2	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: 52.11 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.26 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

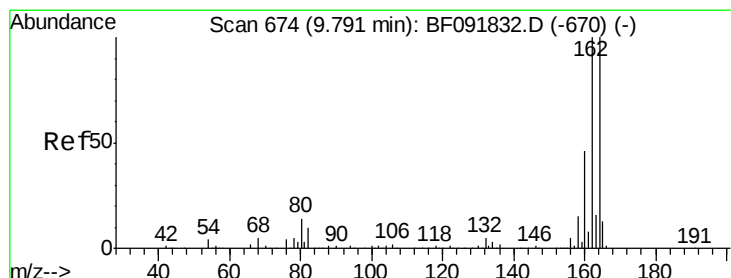
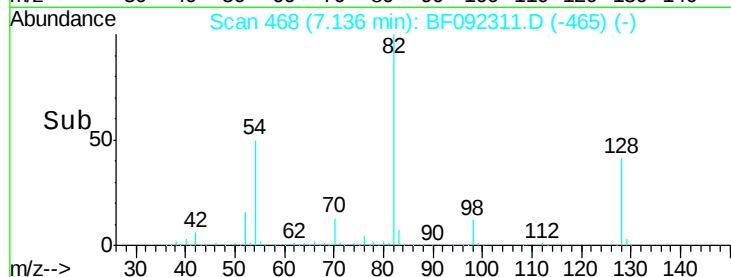
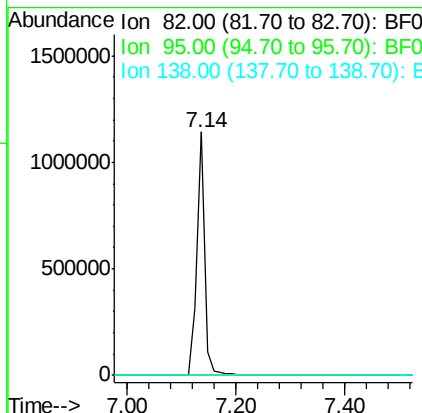
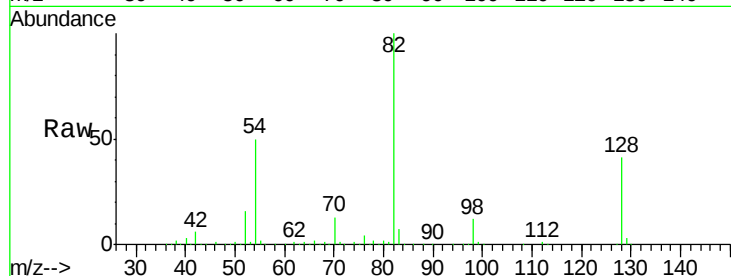
Tgt Ion: 82 Resp: 1111007

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: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

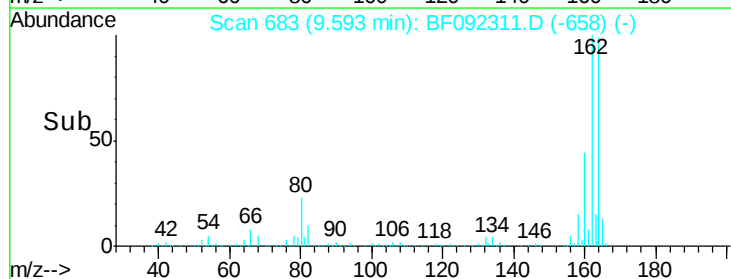
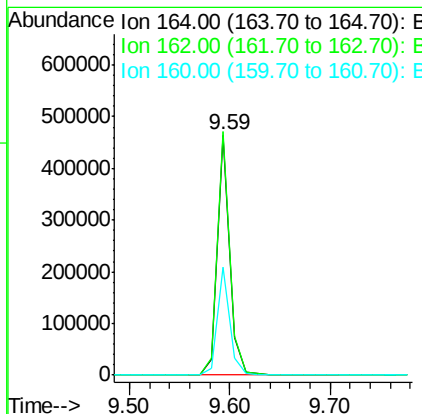
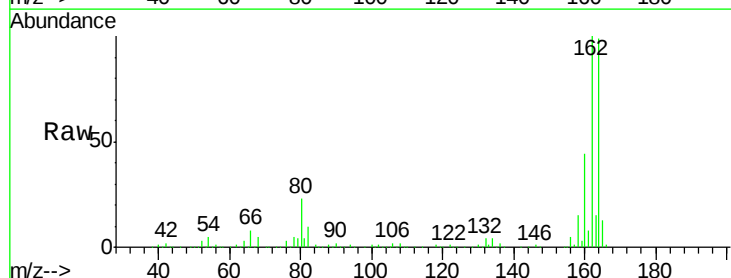
Tgt Ion: 164 Resp: 400707

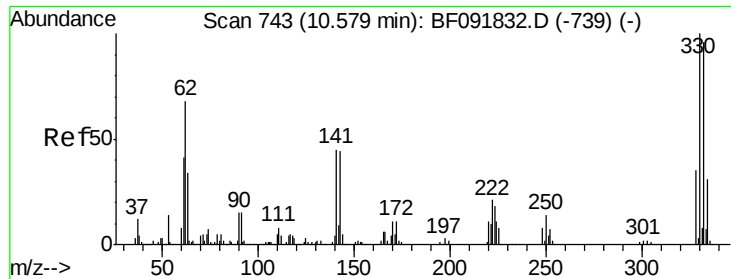
Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

160 45.0 36.9 55.3

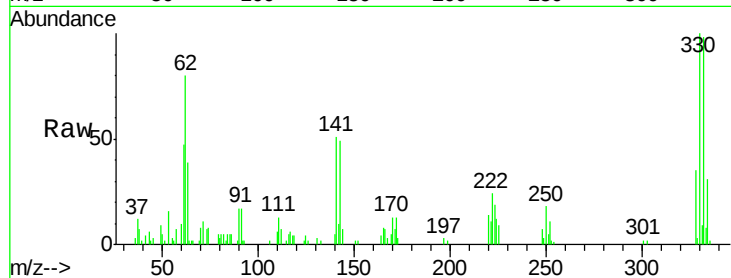




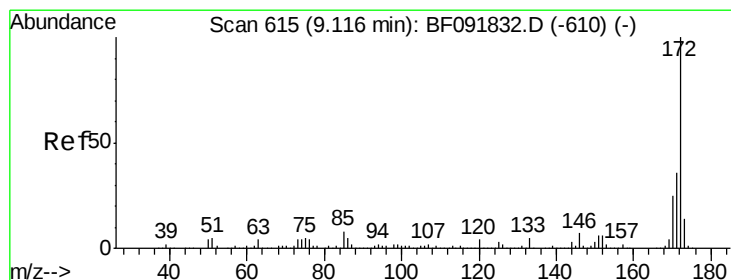
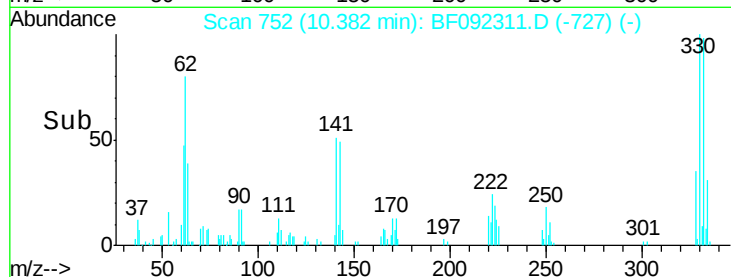
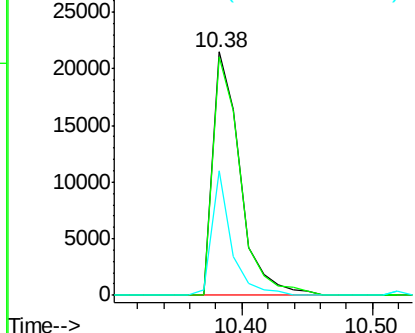
#41
 2,4,6-Tribromophenol
 Concen: 9.46 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

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

Tgt Ion:330 Resp: 31387
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 36.8 34.1 51.1

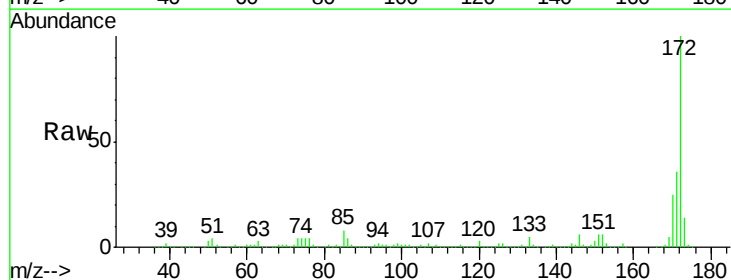


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

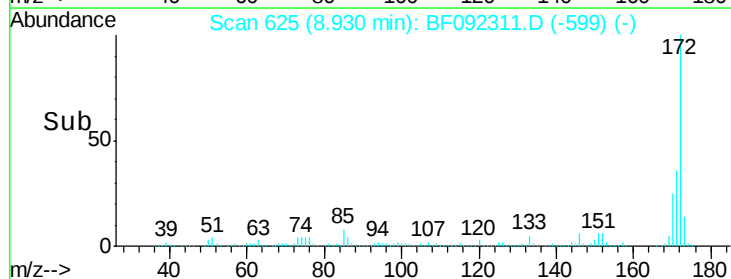
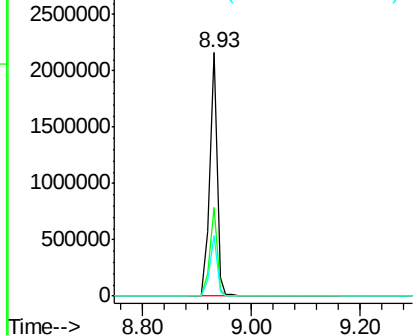


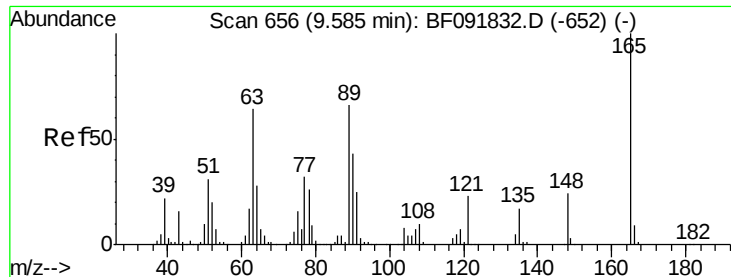
#44
 2-Fluorobiphenyl
 Concen: 107.80 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

Tgt Ion:172 Resp: 2040507
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 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

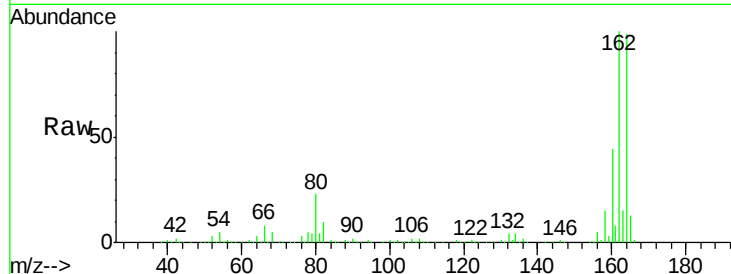




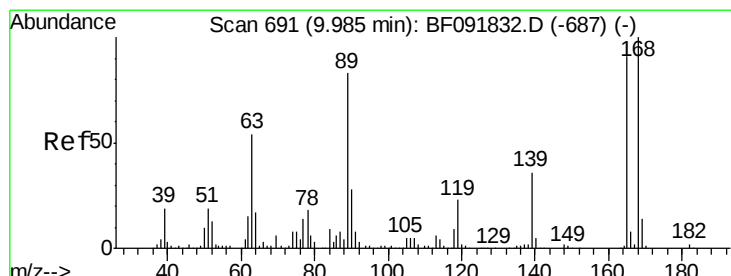
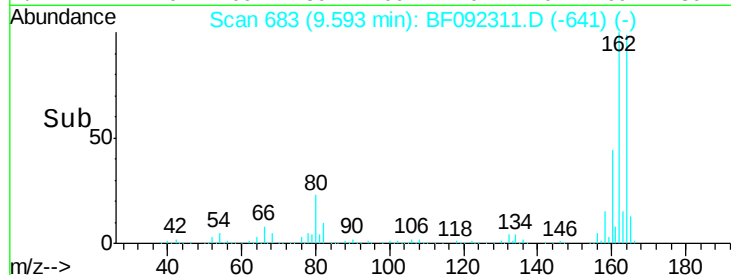
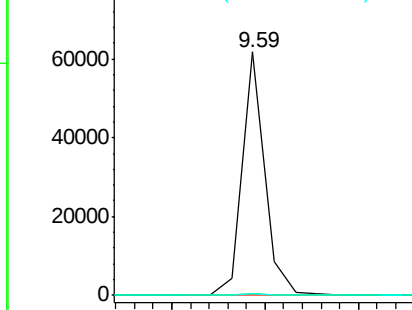
#50
 2,6-Dinitrotoluene
 Concen: 9.32 ng
 RT: 9.59 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

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

Tgt Ion:165 Resp: 52276
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 0.9 40.2 60.4#

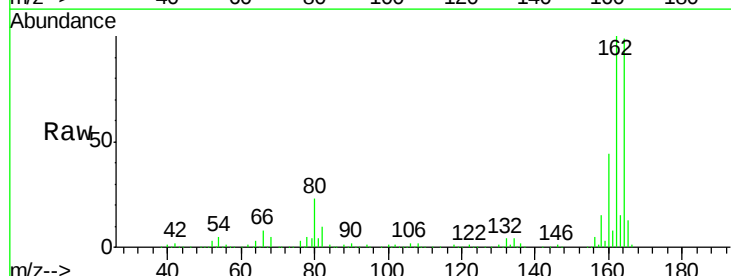


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

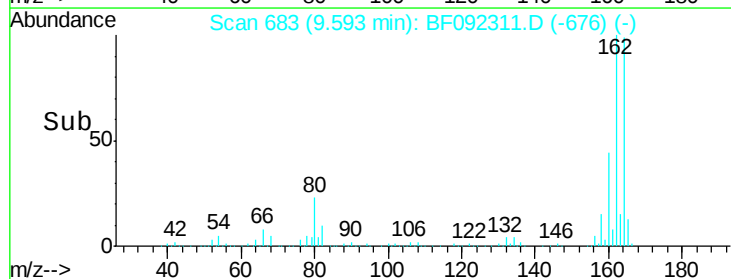
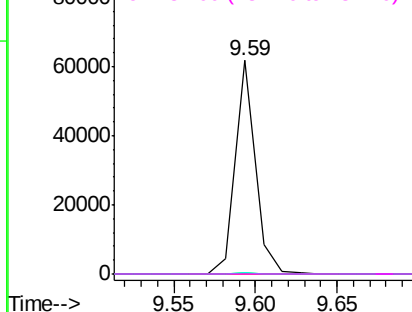


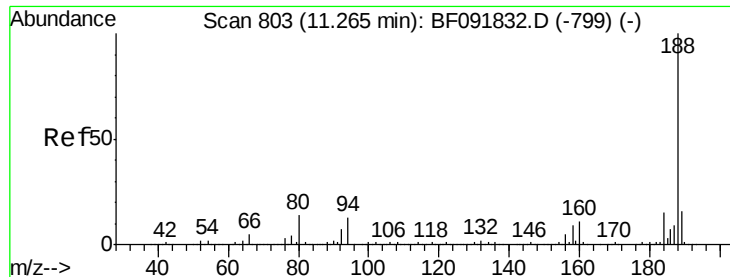
#56
 2,4-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

Tgt Ion:165 Resp: 52268
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 0.9 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

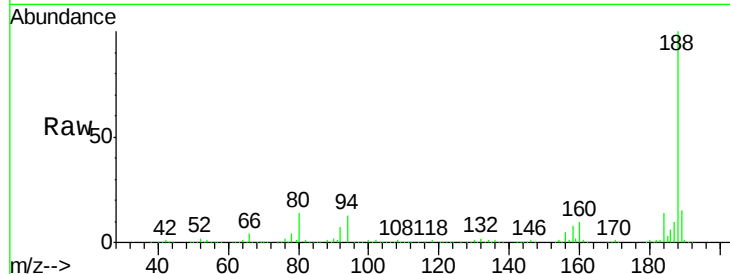




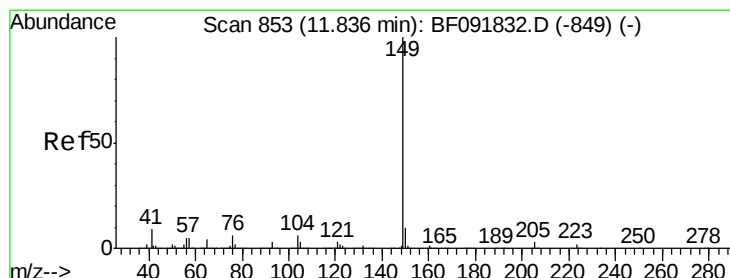
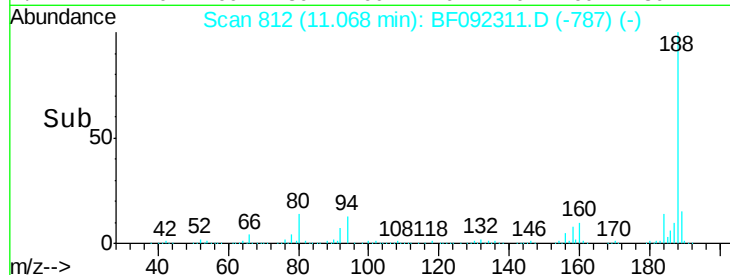
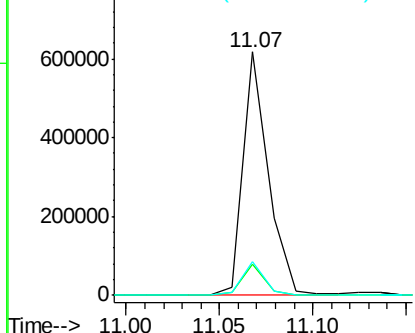
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

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

Tgt Ion:188 Resp: 585614
 Ion Ratio Lower Upper
 188 100
 94 12.8 10.0 15.0
 80 13.8 11.2 16.8

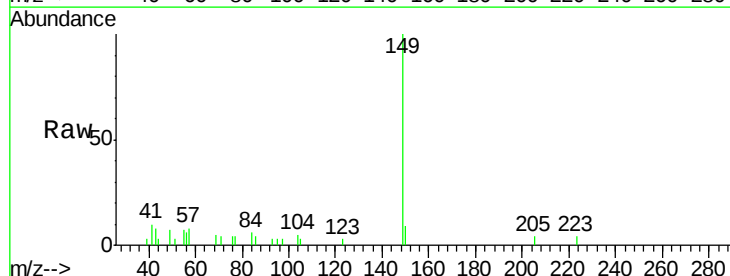


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

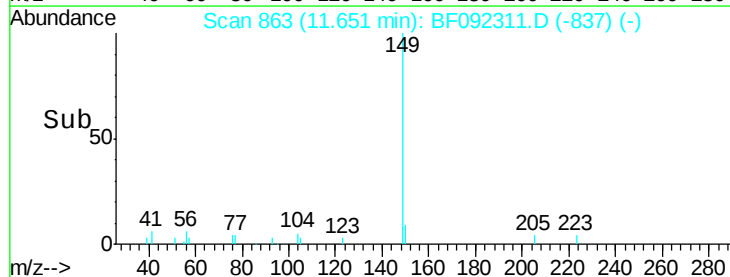
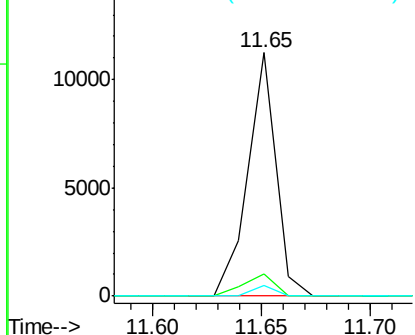


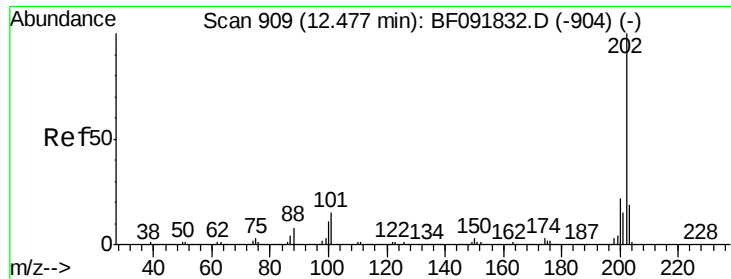
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.65 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

Tgt Ion:149 Resp: 10097
 Ion Ratio Lower Upper
 149 100
 150 9.3 8.1 12.1
 104 4.6 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: BF092311.D

Acq: 17 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

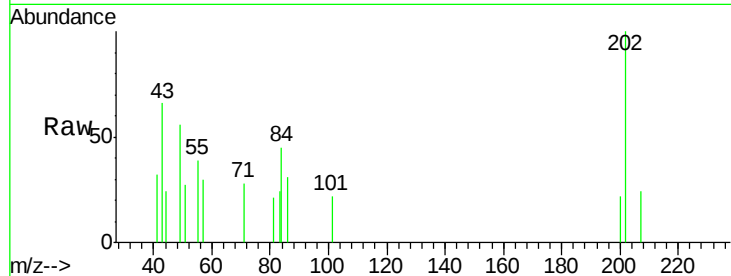
Tgt Ion:202 Resp: 1672

Ion Ratio Lower Upper

202 100

101 21.8 0.0 34.6

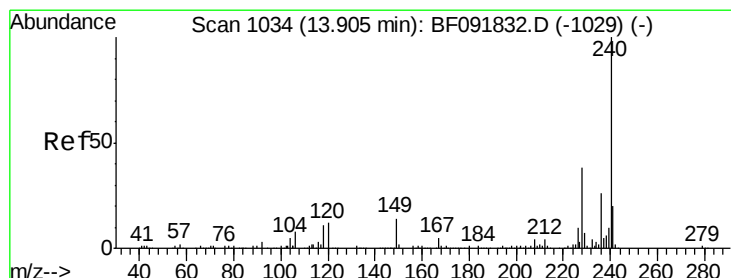
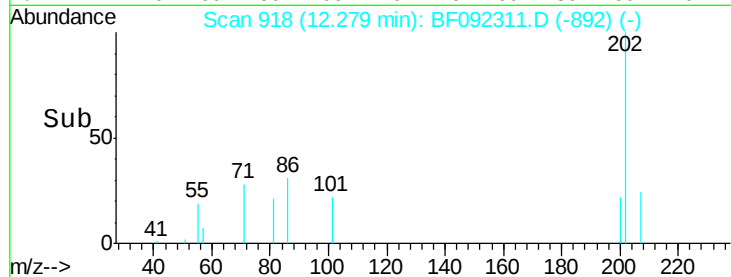
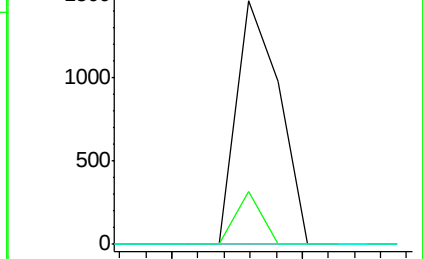
203 0.0 0.0 38.7



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. -0.01 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

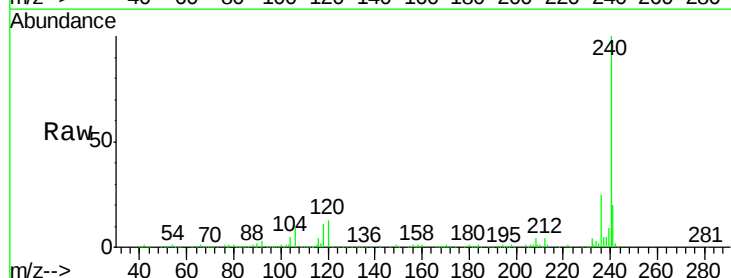
Tgt Ion:240 Resp: 405406

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3

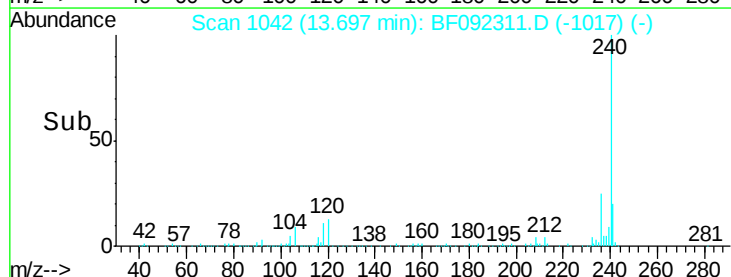
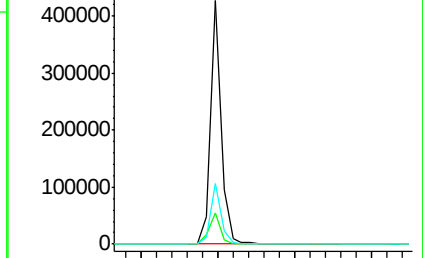
236 24.9 20.9 31.3

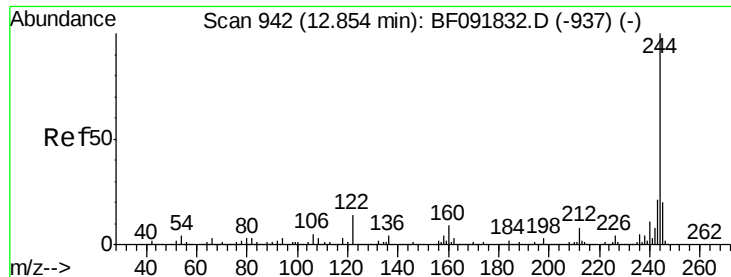


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.17 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

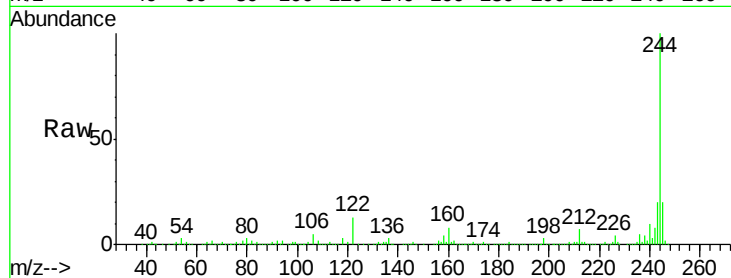
Tgt Ion:244 Resp: 1473770

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

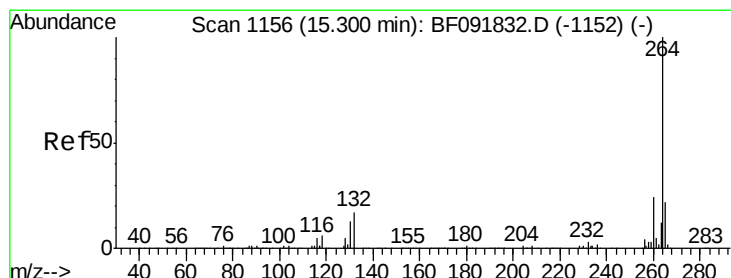
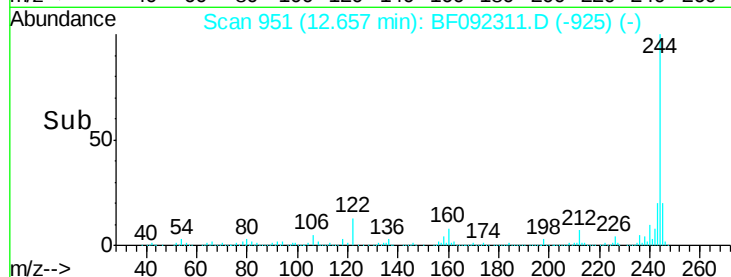
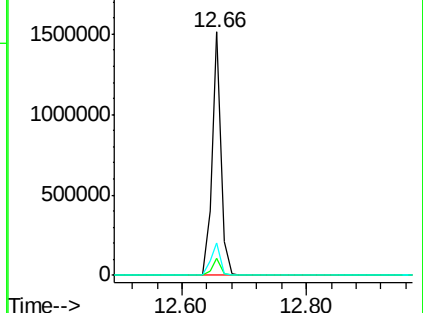
122 13.5 11.4 17.2



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. -0.01 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

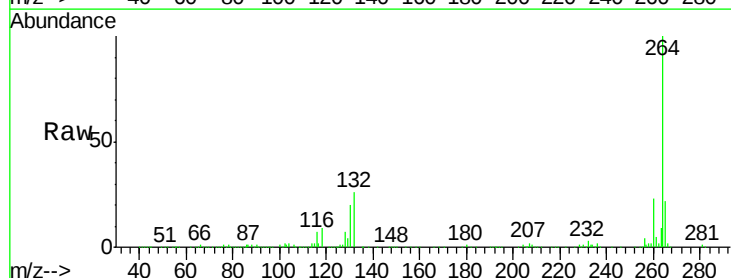
Tgt Ion:264 Resp: 430494

Ion Ratio Lower Upper

264 100

260 23.4 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

