

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115917.D
 Acq On : 1 Aug 2019 20:09
 Operator : HP/JU
 Sample : K4066-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Aug 02 05:01:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

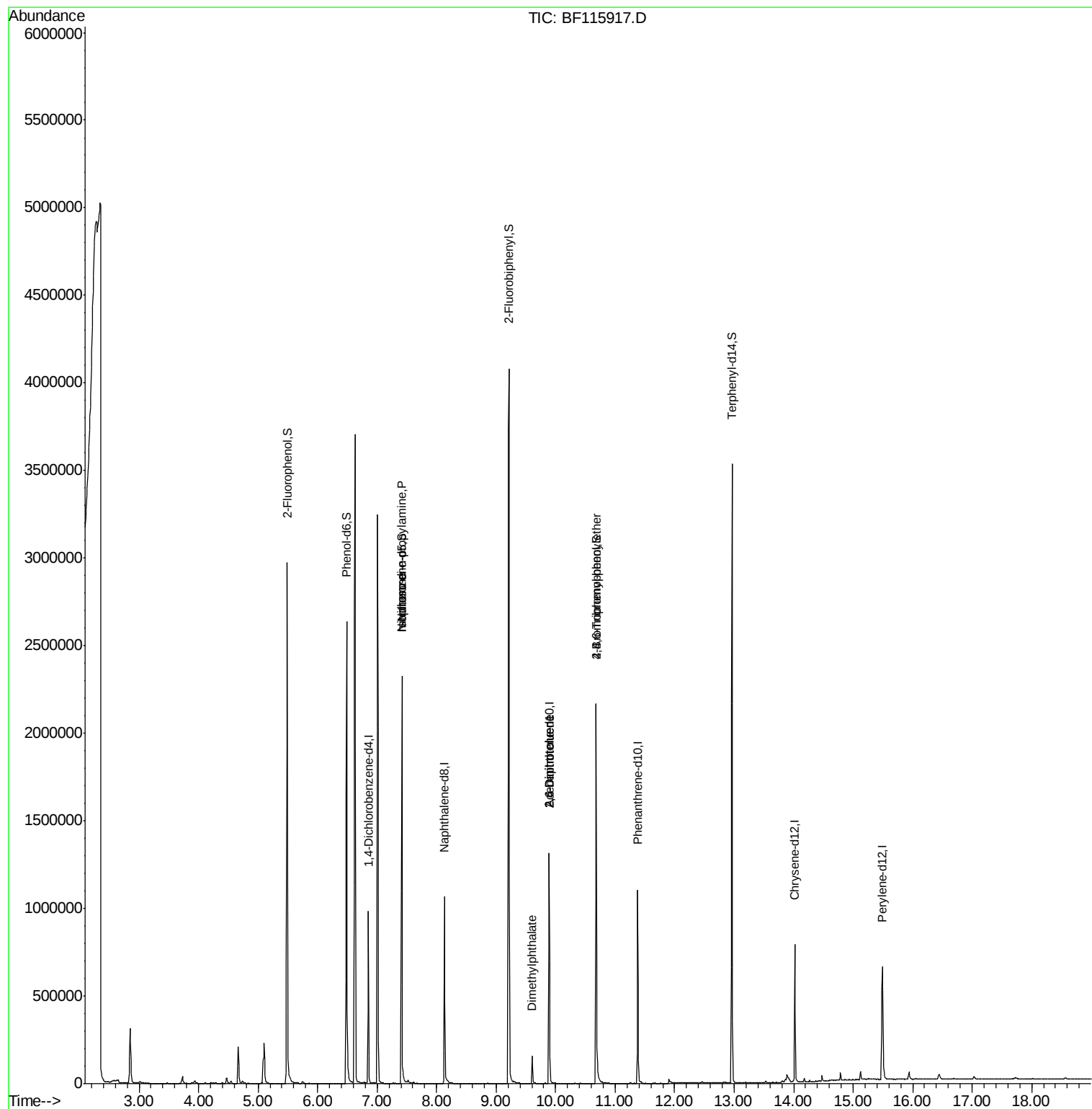
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137387	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	515577	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	259417	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	414552	20.00	ng	0.00
76) Chrysene-d12	14.02	240	269388	20.00	ng	0.00
87) Perylene-d12	15.49	264	336857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	911146	111.02	ng	0.02
7) Phenol-d6	6.49	99	1050537	101.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	832966	93.26	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	319733	127.12	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1402220	101.24	ng	0.00
79) Terphenyl-d14	12.96	244	1242170	97.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	112032	17.460	ng	# 79
25) Isophorone	7.42	82	832955	48.770	ng	# 66
50) Dimethylphthalate	9.60	163	76940	4.356	ng	# 99
51) 2,6-Dinitrotoluene	9.89	165	33122	8.629	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	33122	6.481	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	20063	4.521	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampleId :

TP-13

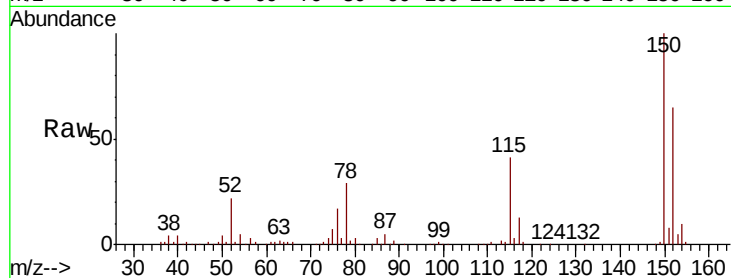
Tgt Ion:152 Resp: 137387

Ion Ratio Lower Upper

152 100

150 152.8 127.4 191.0

115 62.0 51.8 77.8

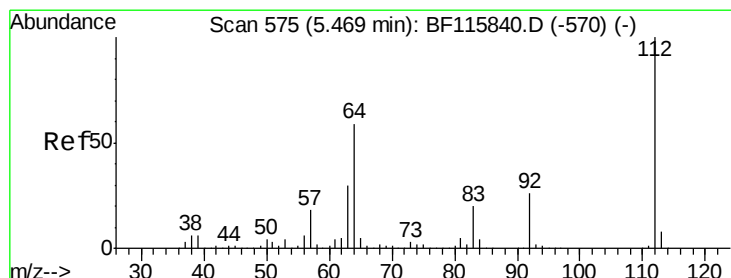
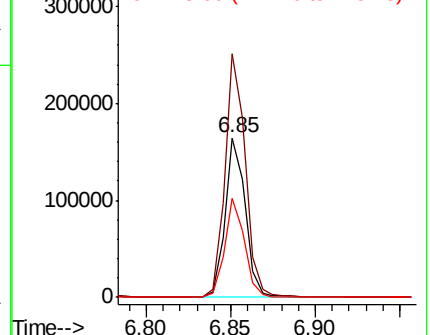
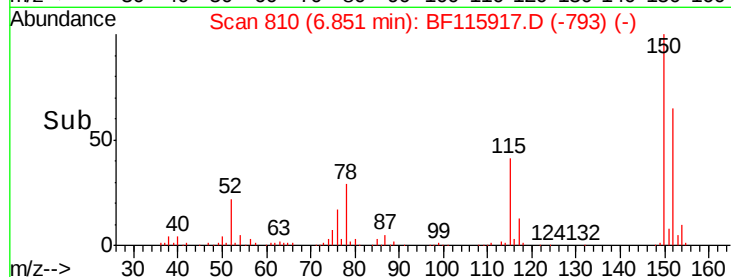


Abundance

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: 111.023 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

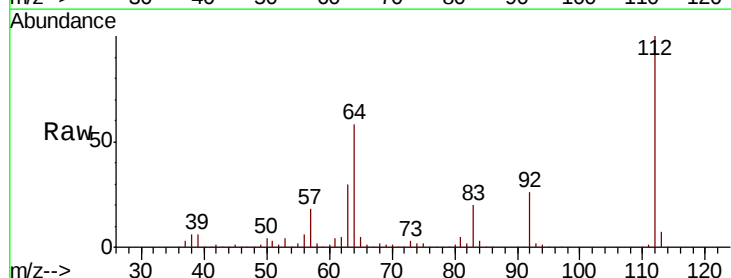
Tgt Ion:112 Resp: 911146

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

63 30.2 24.2 36.2

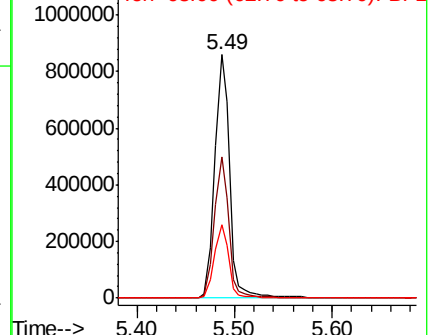
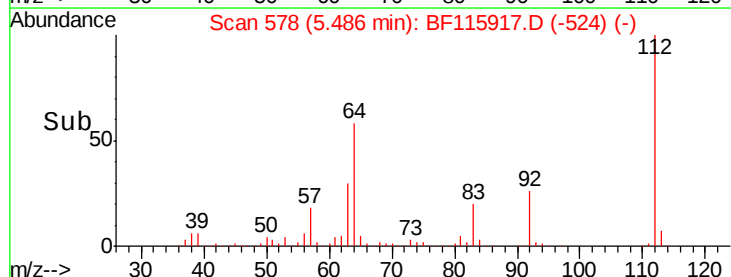


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.459 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampleId :

TP-13

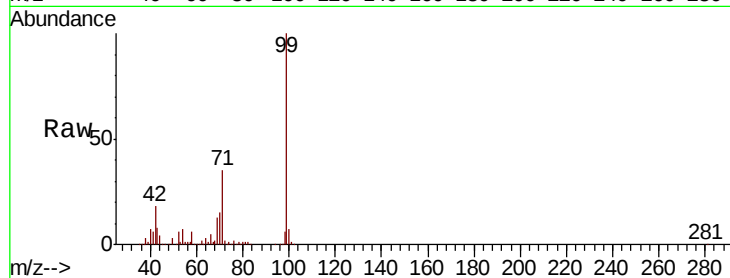
Tgt Ion: 99 Resp: 1050537

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.6

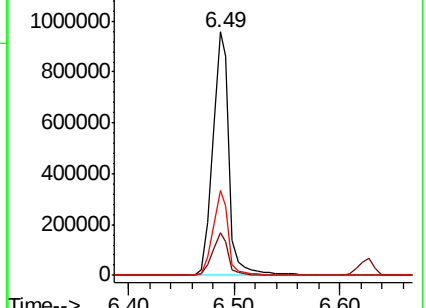
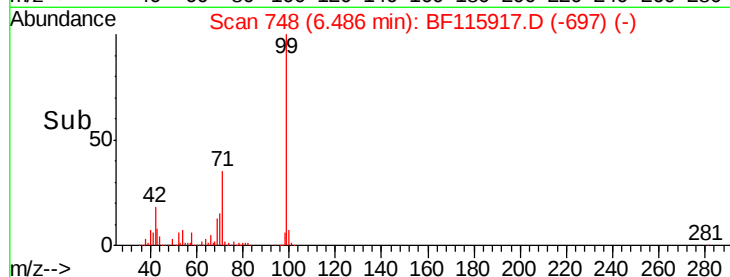
71 34.6 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.460 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Tgt Ion: 70 Resp: 112032

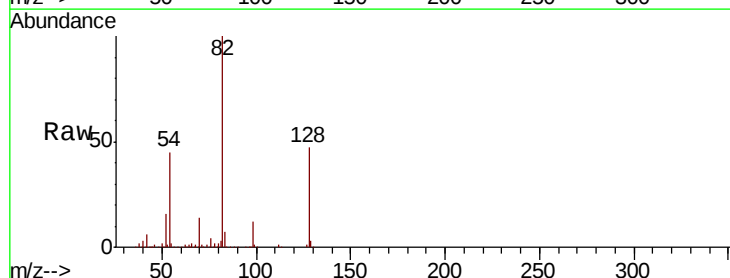
Ion Ratio Lower Upper

70 100

42 44.2 41.8 62.8

101 0.0 7.7 11.5#

130 2.1 17.8 26.6#

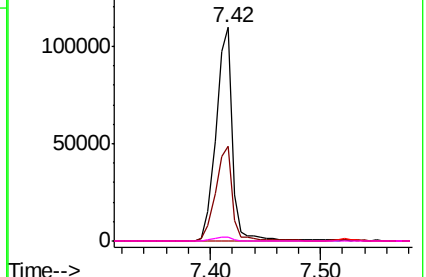
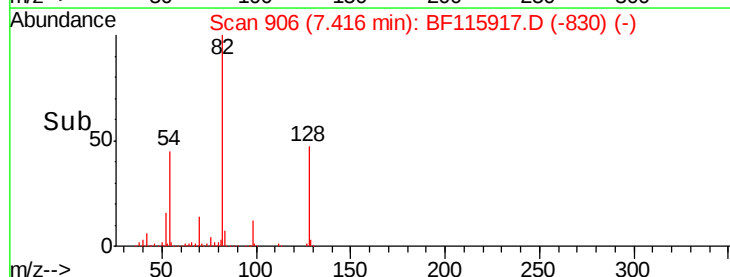


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampleId :

TP-13

Tgt Ion:136 Resp: 515577

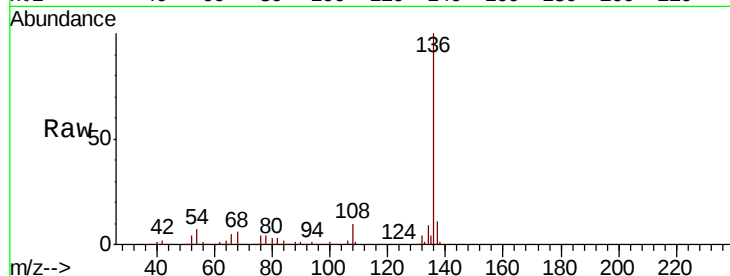
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.9 6.1 9.1

68 5.8 5.4 8.2

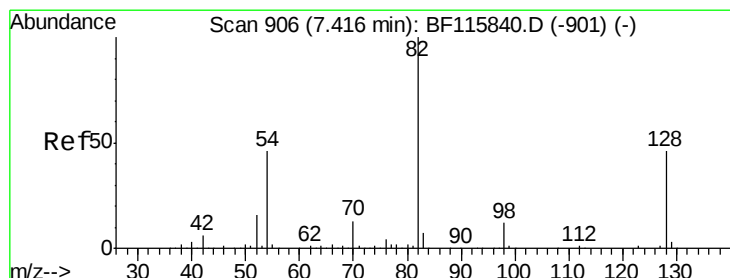
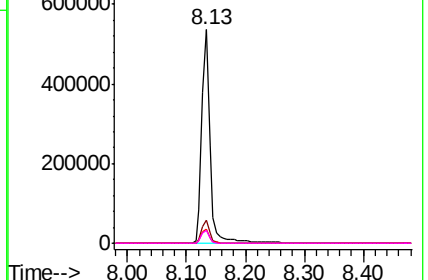
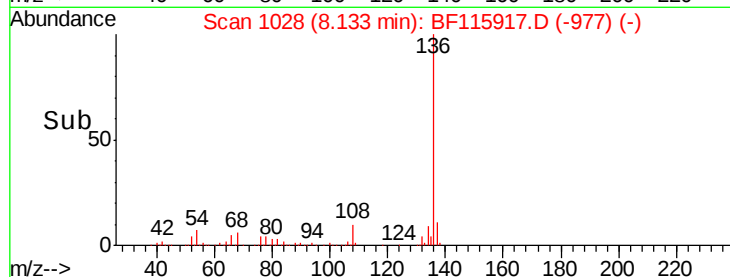


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 93.257 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

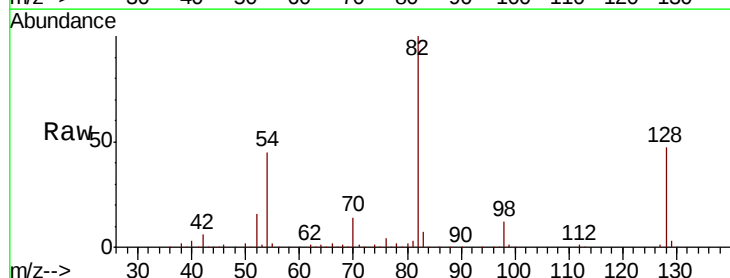
Tgt Ion: 82 Resp: 832966

Ion Ratio Lower Upper

82 100

128 47.1 36.6 55.0

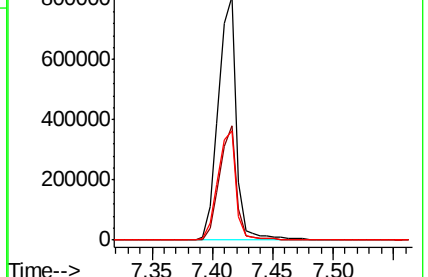
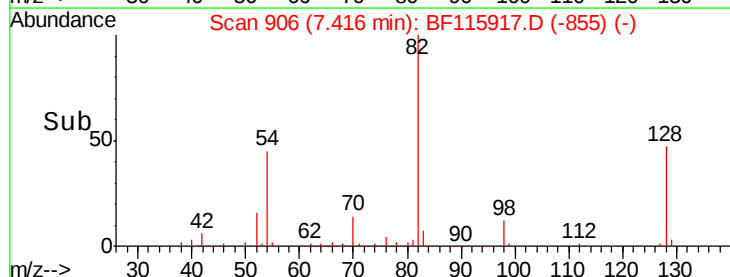
54 45.0 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.770 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampleId :

TP-13

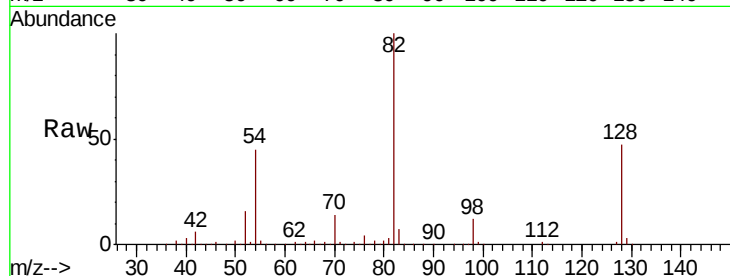
Tgt Ion: 82 Resp: 832955

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

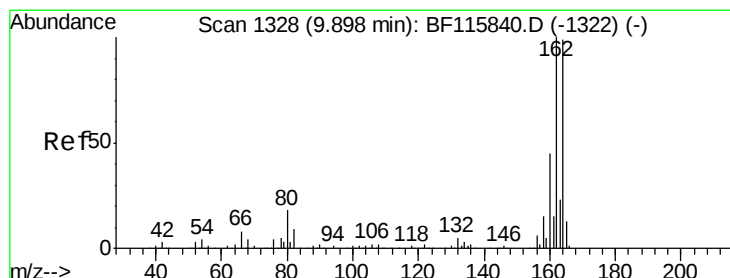
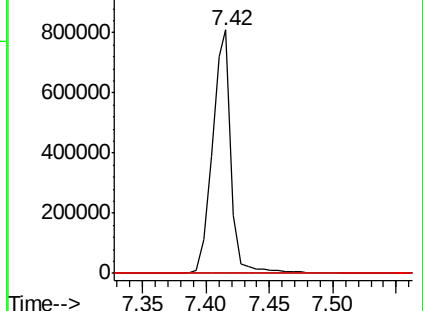
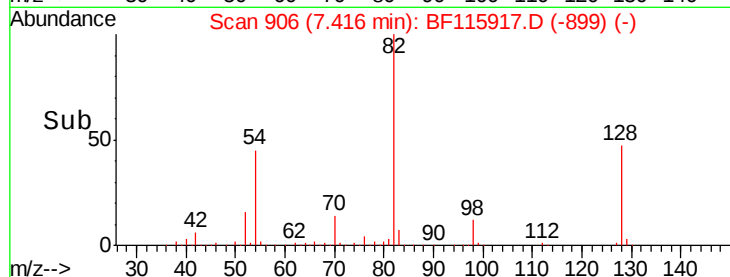
138 0.0 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

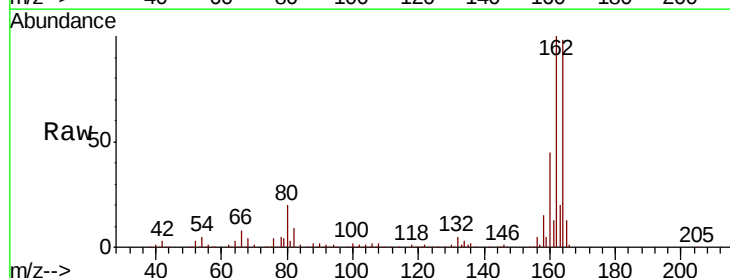
Tgt Ion: 164 Resp: 259417

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

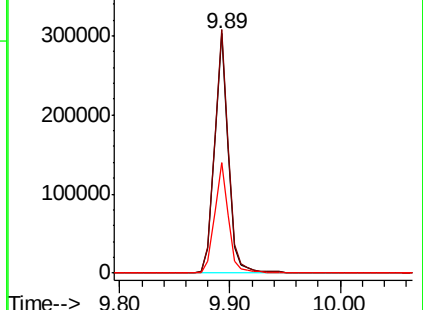
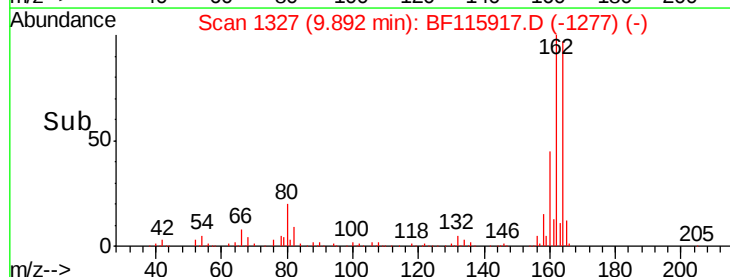
160 46.0 36.2 54.4



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

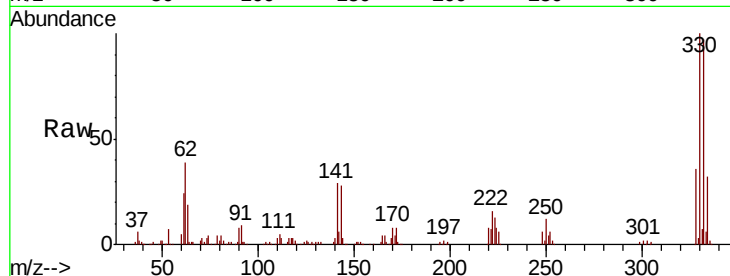




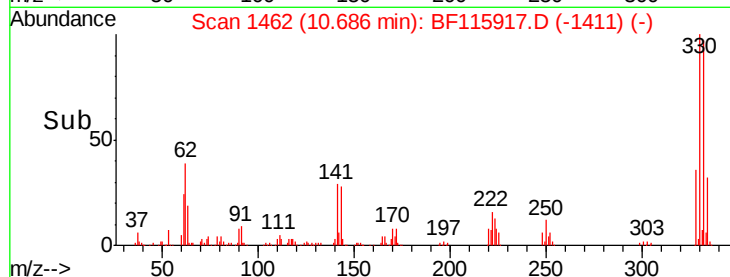
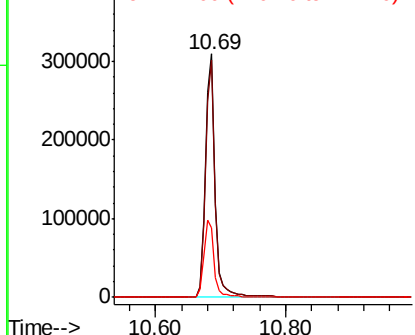
#42
 2,4,6-Tribromophenol
 Concen: 127.124 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion:330 Resp: 319733
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.7 116.5
 141 33.6 28.1 42.1

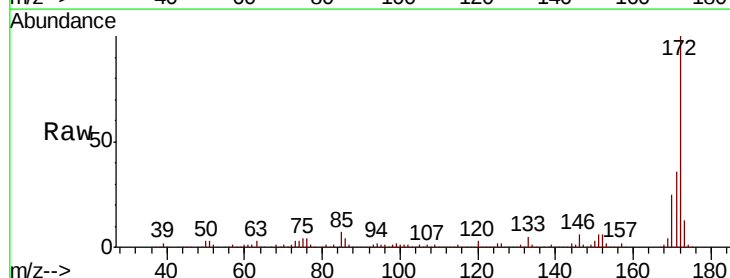


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

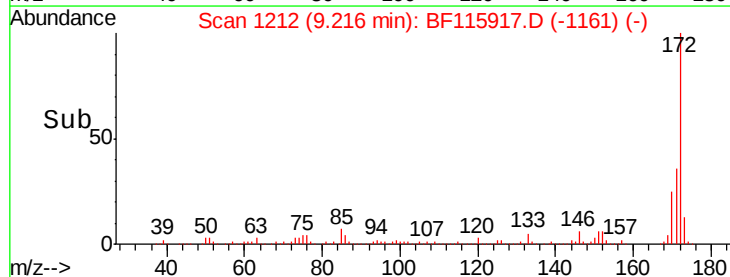
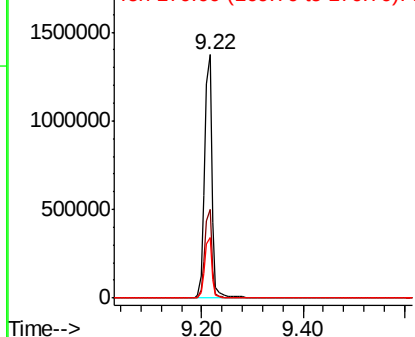


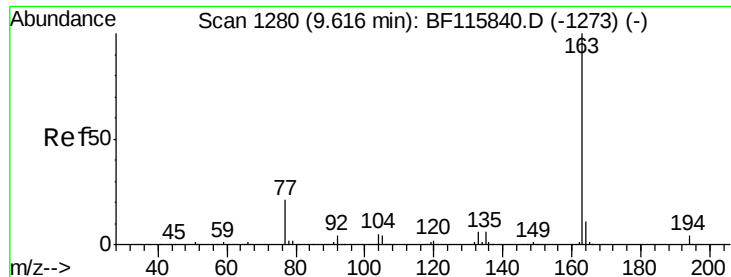
#45
 2-Fluorobiphenyl
 Concen: 101.245 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

Tgt Ion:172 Resp: 1402220
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 25.1 20.1 30.1



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

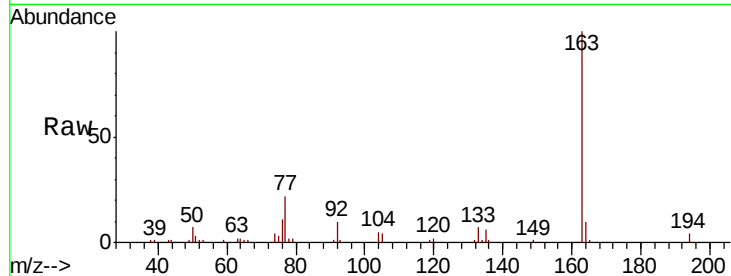




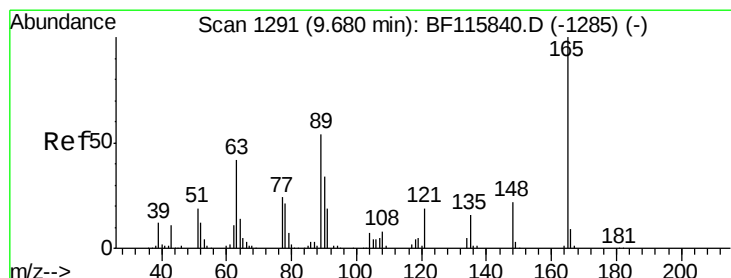
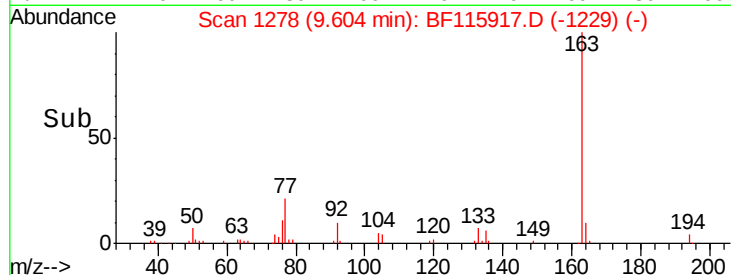
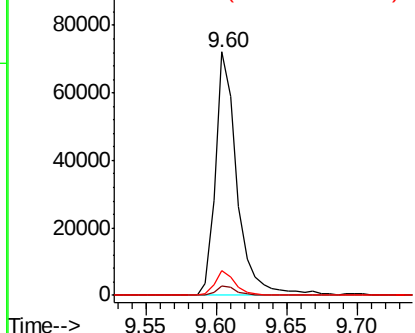
#50
Dimethylphthalate
Concen: 4.356 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115917.D
Acq: 1 Aug 2019 20:09

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:163 Resp: 76940
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 8.4 12.6

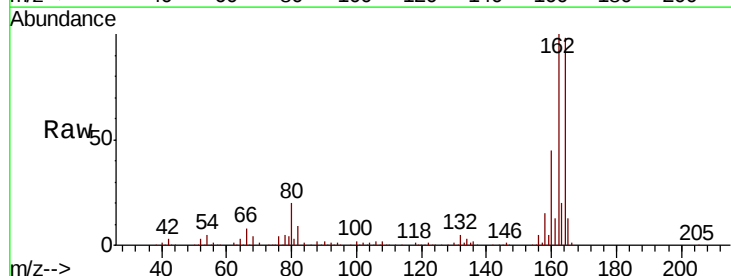


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

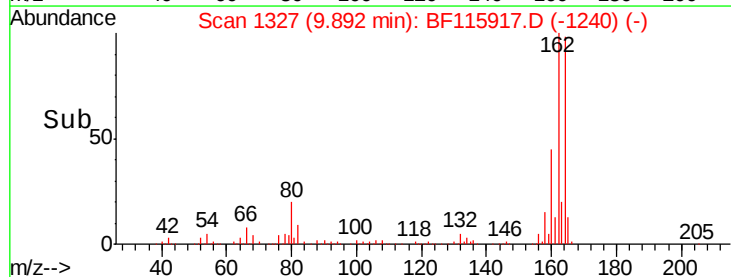
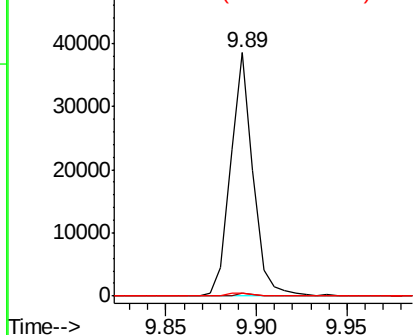


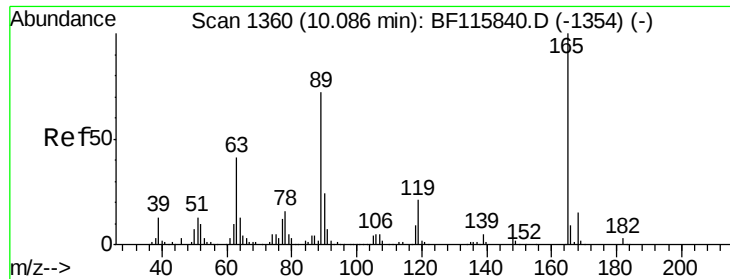
#51
2,6-Dinitrotoluene
Concen: 8.629 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF115917.D
Acq: 1 Aug 2019 20:09

Tgt Ion:165 Resp: 33122
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.2#
89 1.4 43.0 64.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.481 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampleId :

TP-13

Tgt Ion:165 Resp: 33122

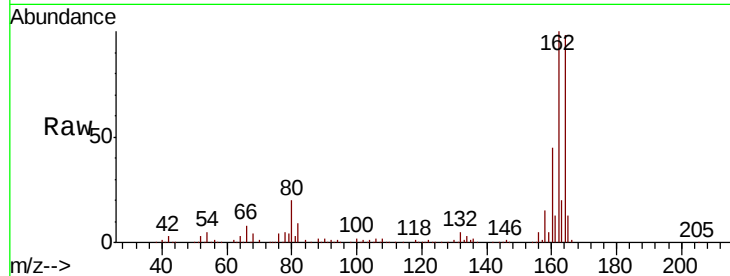
Ion Ratio Lower Upper

165 100

63 1.1 33.2 49.8#

89 1.4 57.3 85.9#

182 0.0 2.1 3.1#

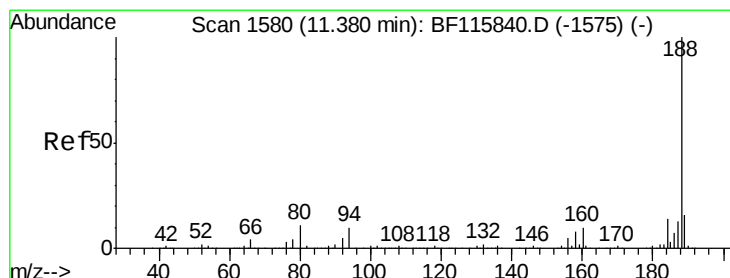
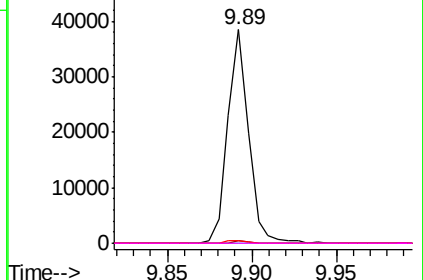
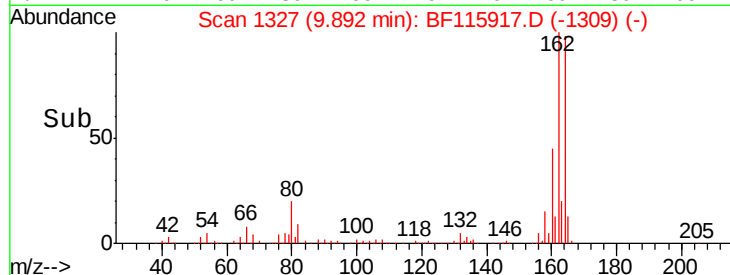


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

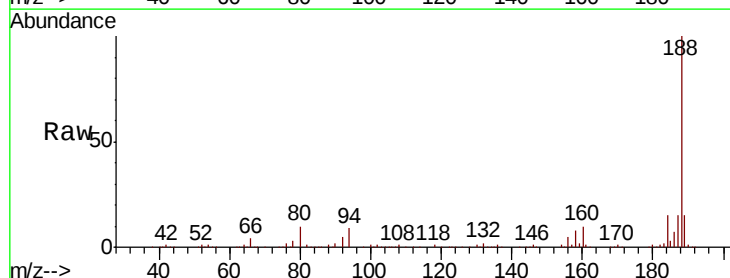
Tgt Ion:188 Resp: 414552

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

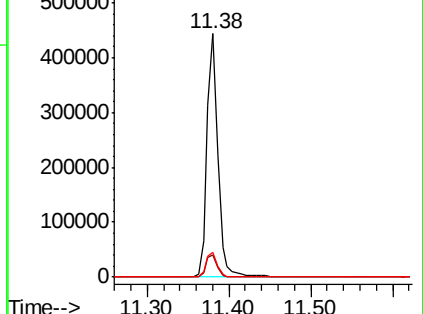
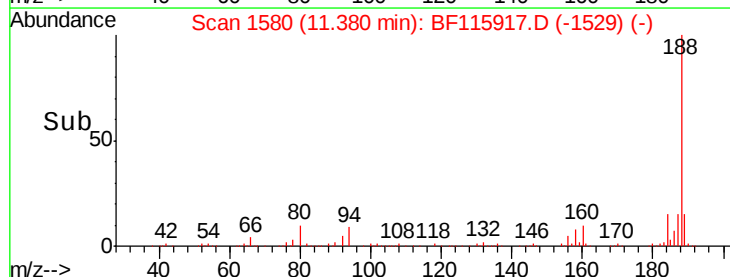
80 9.9 8.6 12.8

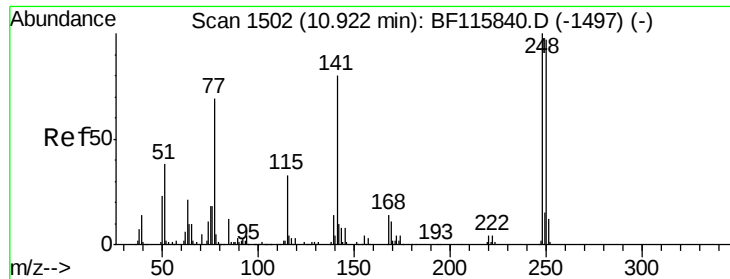


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

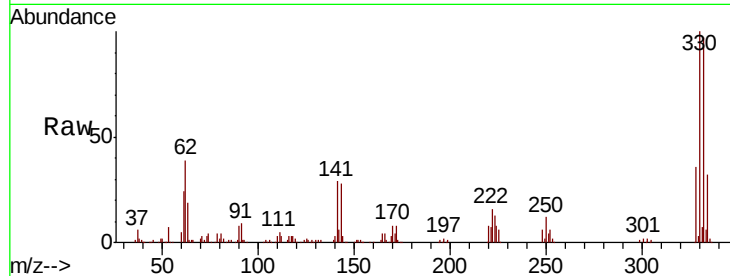




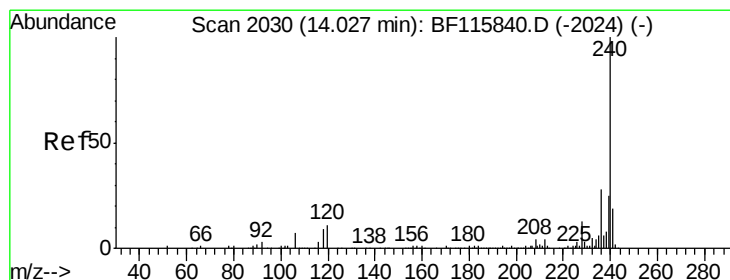
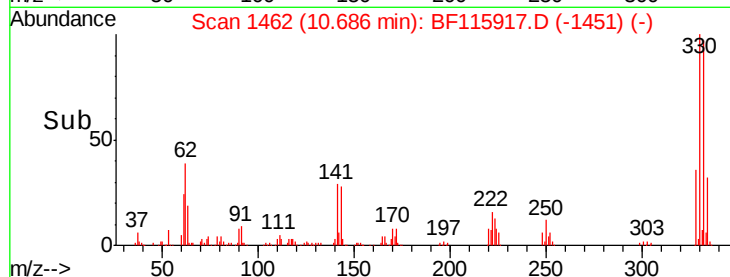
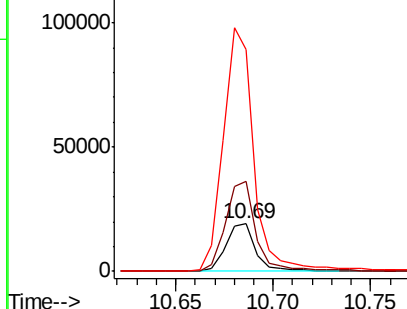
#67
 4-Bromophenyl-phenylether
 Concen: 4.521 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

Instrument :
 BNA_F
 ClientSampled :
 TP-13

Tgt Ion: 248 Resp: 20063
 Ion Ratio Lower Upper
 248 100
 250 192.0 77.8 116.6#
 141 469.2 64.3 96.5#

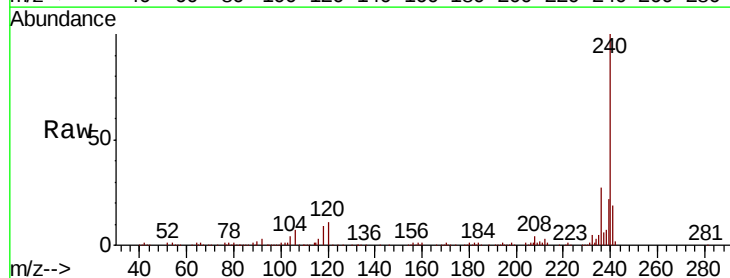


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

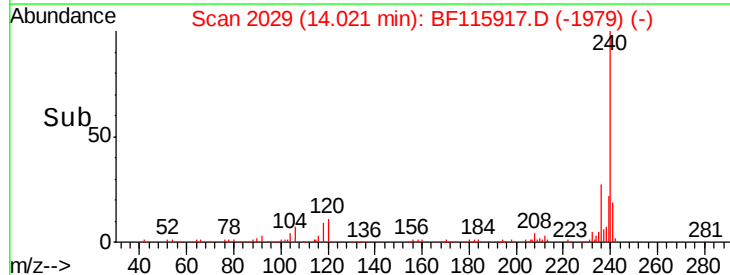
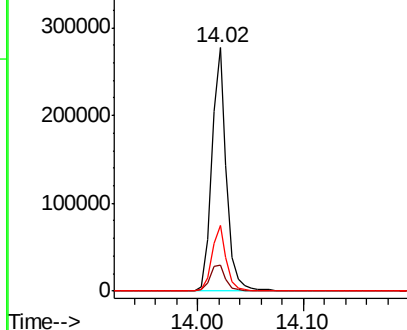


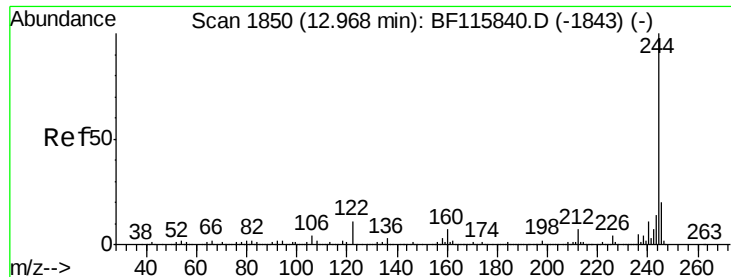
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115917.D
 Acq: 1 Aug 2019 20:09

Tgt Ion: 240 Resp: 269388
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.5 12.7
 236 27.1 22.2 33.2



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





#79

Terphenyl-d14

Concen: 97.163 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

Instrument :

BNA_F

ClientSampleId :

TP-13

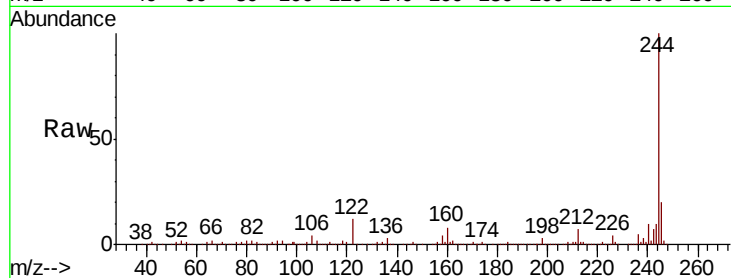
Tgt Ion:244 Resp: 1242170

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

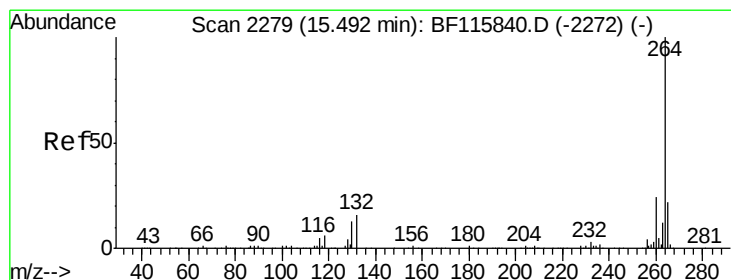
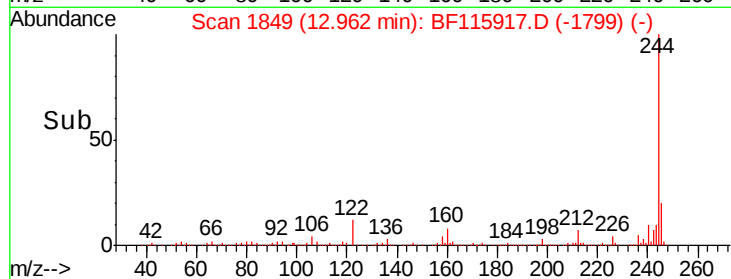
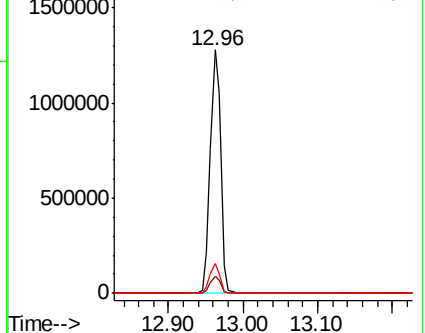
122 12.1 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF115917.D

Acq: 1 Aug 2019 20:09

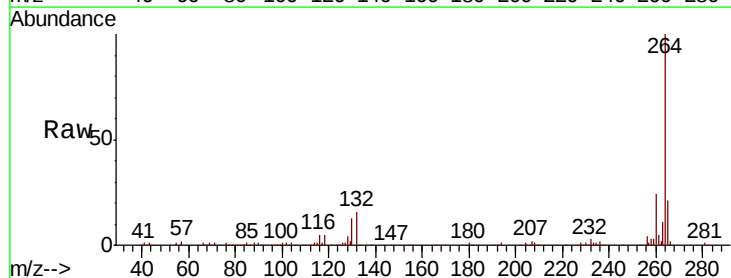
Tgt Ion:264 Resp: 336857

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 20.9 17.5 26.3



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

