

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115826.D
 Acq On : 27 Jul 2019 13:09
 Operator : HP/JU
 Sample : K4000-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 01:00:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

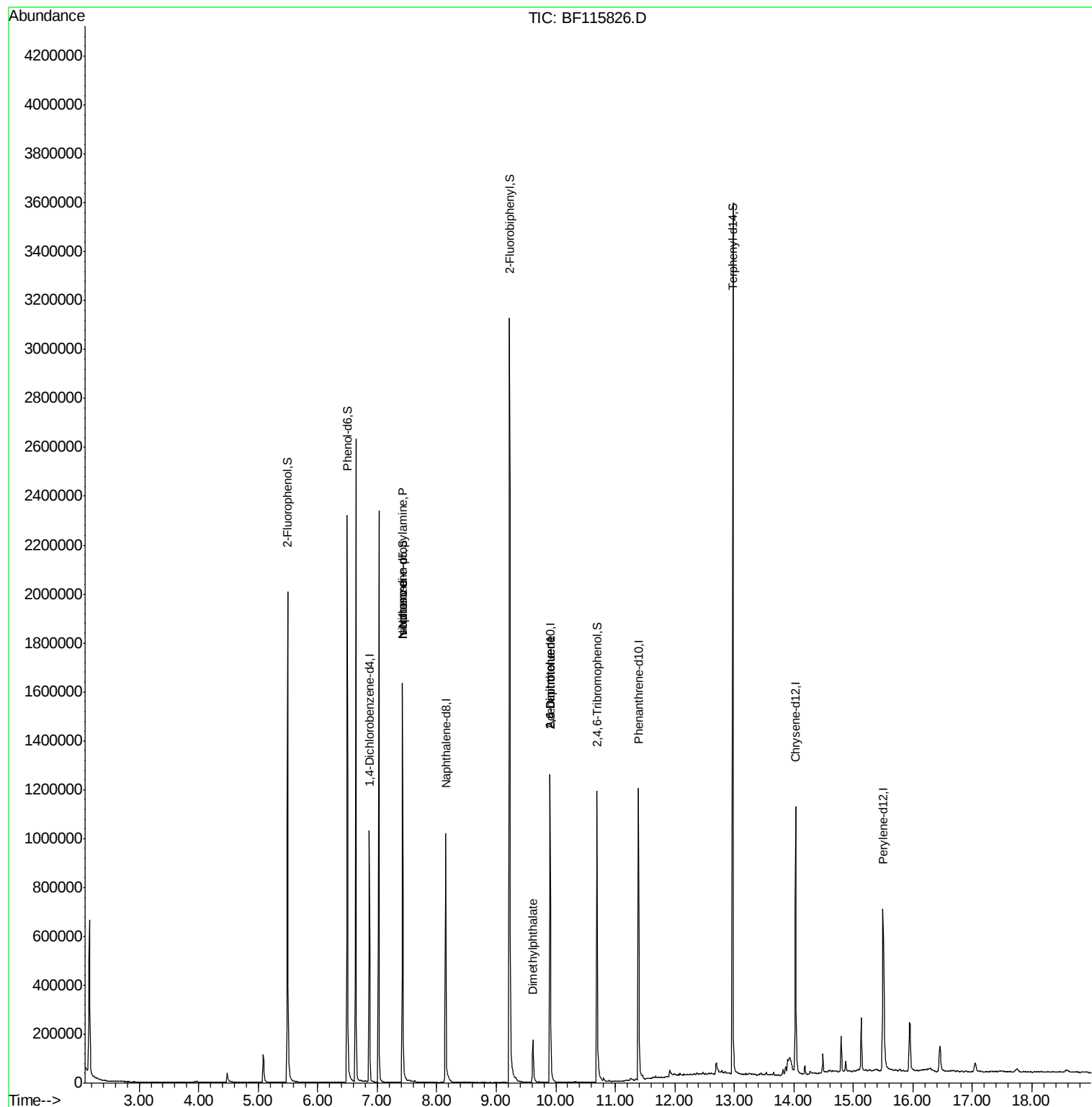
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135179	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	530149	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	289502	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	537775	20.00	ng	0.00
76) Chrysene-d12	14.03	240	397600	20.00	ng	0.00
87) Perylene-d12	15.50	264	385519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	601182	72.74	ng	0.00
7) Phenol-d6	6.50	99	847074	80.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	561919	61.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	168943	50.00	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1131719	68.42	ng	-0.01
79) Terphenyl-d14	12.97	244	1303873	60.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	75956	11.106	ng	# 79
25) Isophorone	7.43	82	561911	30.800	ng	# 65
50) Dimethylphthalate	9.62	163	107277	4.925	ng	98
51) 2,6-Dinitrotoluene	9.90	165	36216	7.316	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	36596	5.707	ng	# 25

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

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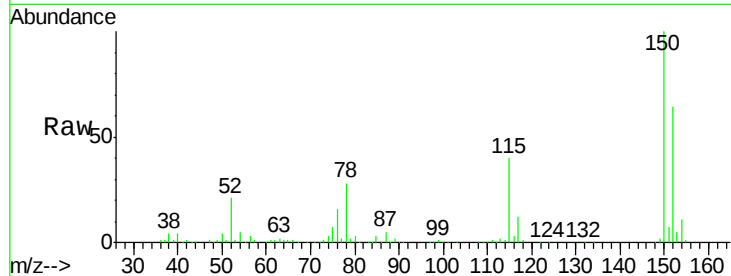


#1

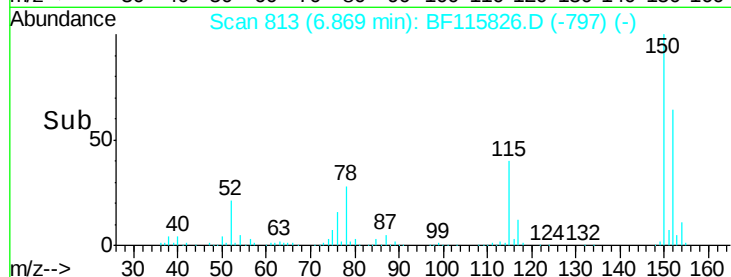
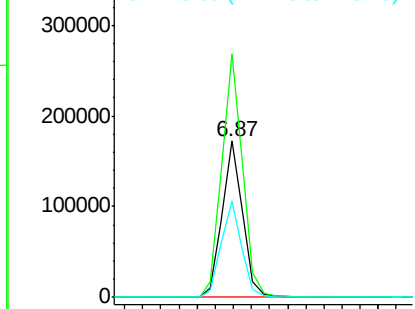
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115826.D
Acq: 27 Jul 2019 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135179
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 61.9 47.8 71.6



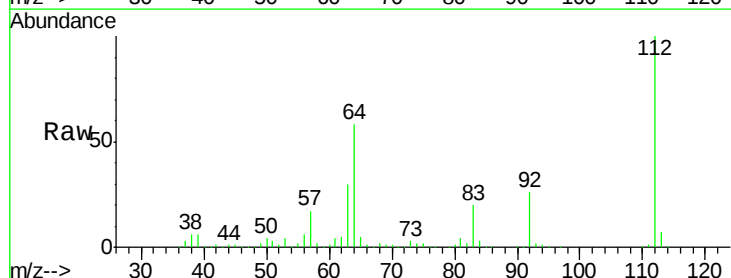
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



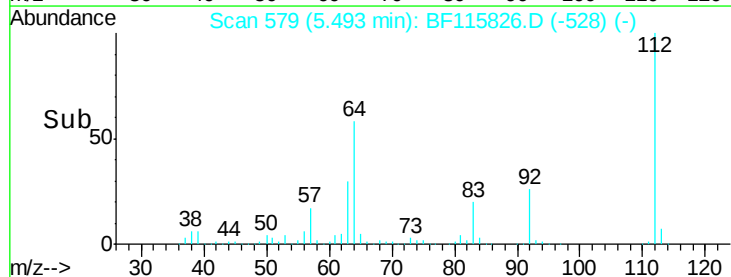
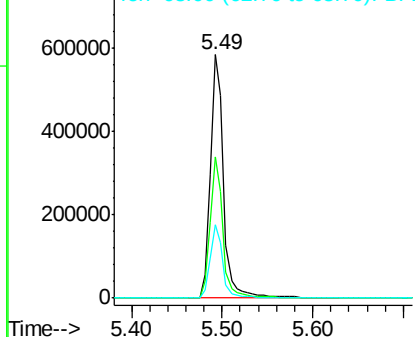
#5

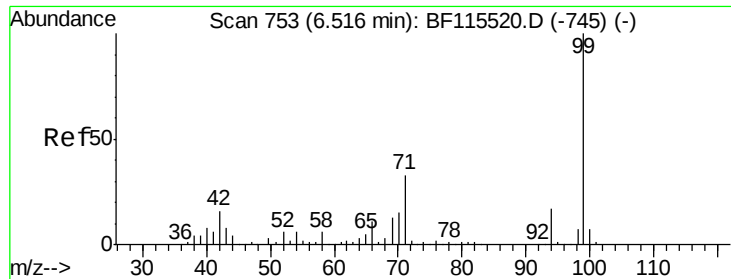
2-Fluorophenol
Concen: 72.745 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115826.D
Acq: 27 Jul 2019 13:09

Tgt Ion:112 Resp: 601182
Ion Ratio Lower Upper
112 100
64 57.9 45.8 68.8
63 30.2 23.6 35.4



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: 80.779 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

Instrument :

BNA_F

ClientSampled :

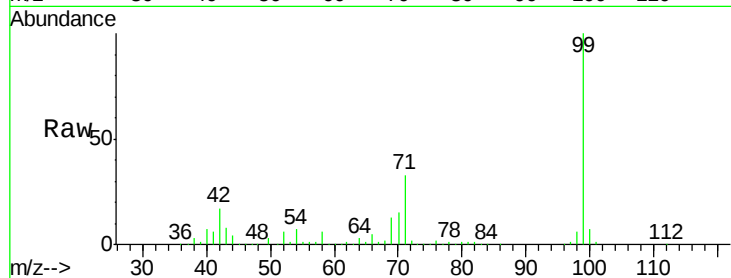
Tot Ion: 99 Resp: 847074

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.2

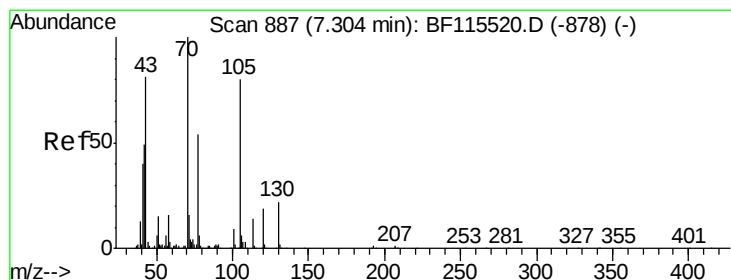
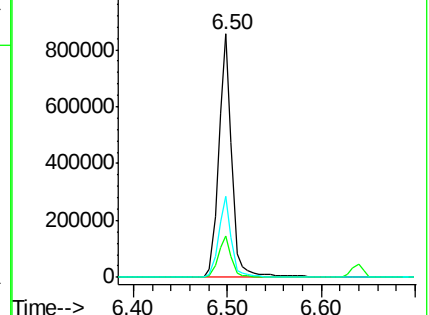
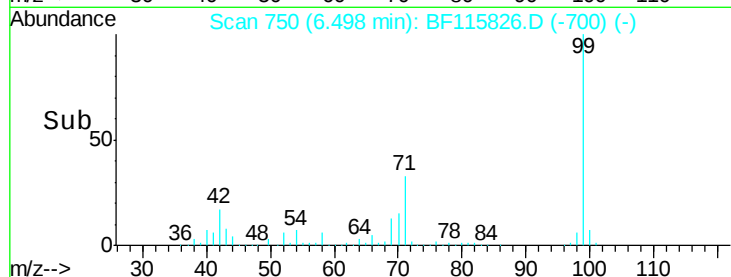
71 33.1 26.7 40.1



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: 11.106 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

Tgt Ion: 70 Resp: 75956

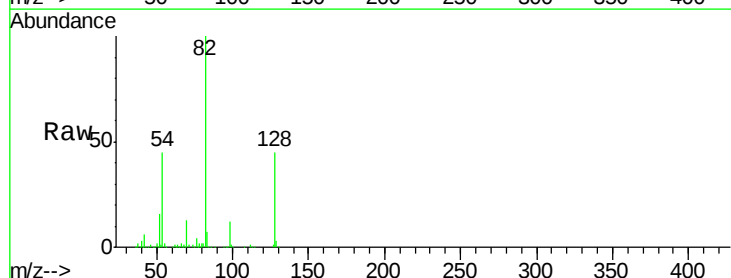
Ion Ratio Lower Upper

70 100

42 43.7 41.8 62.8

101 0.0 7.6 11.4#

130 2.3 16.9 25.3#

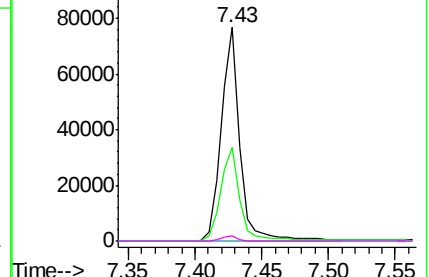
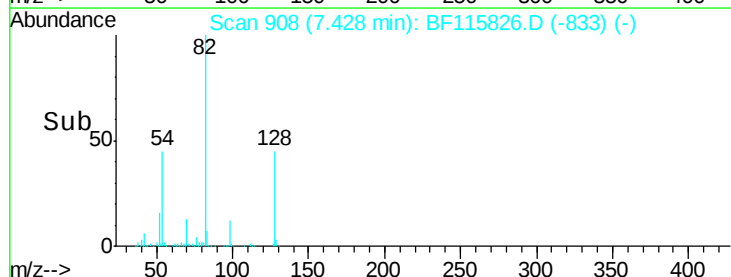


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 530149

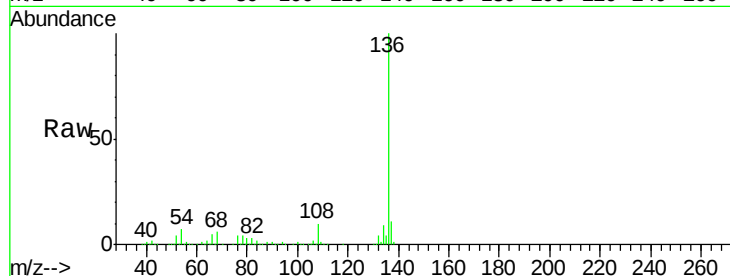
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.8 5.0 7.6

68 5.8 4.7 7.1

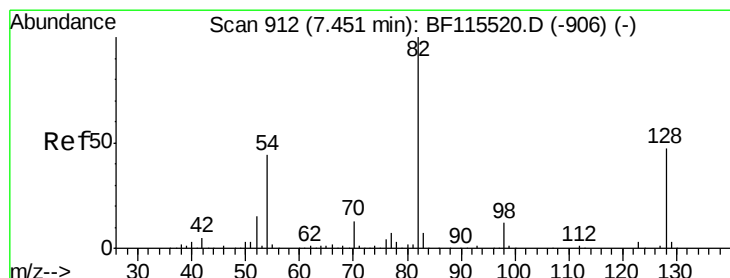
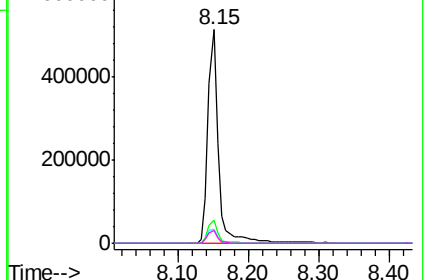
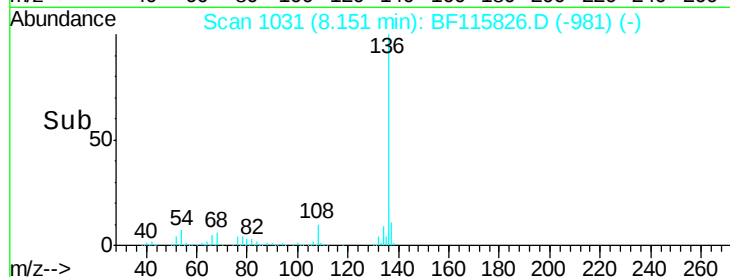


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.631 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

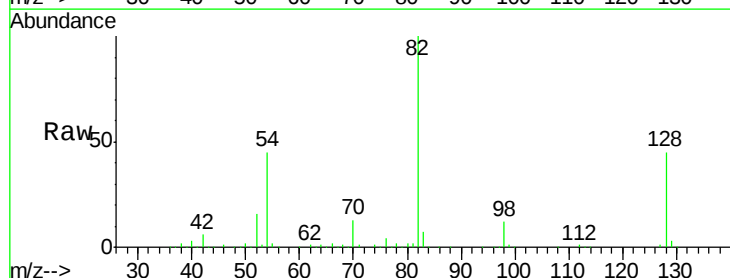
Tgt Ion: 82 Resp: 561919

Ion Ratio Lower Upper

82 100

128 44.9 36.6 55.0

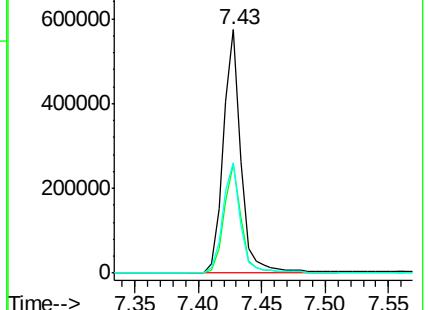
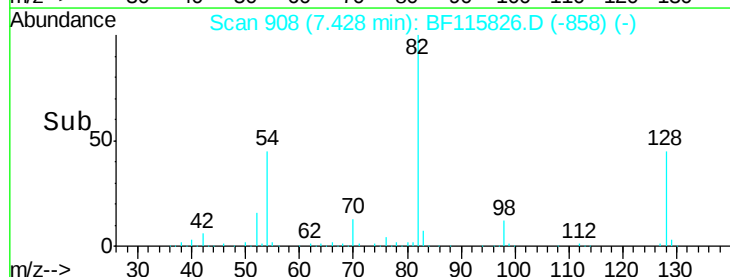
54 45.2 36.6 54.8



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: 30.800 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

Instrument :

BNA_F

ClientSampleId :

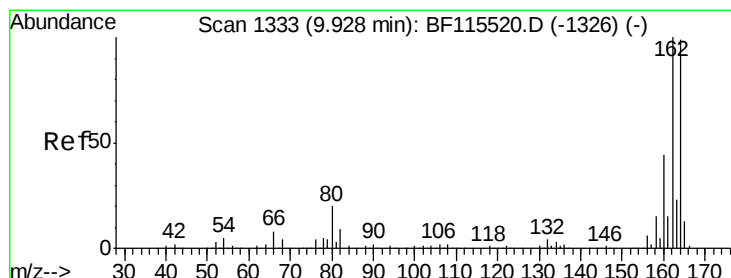
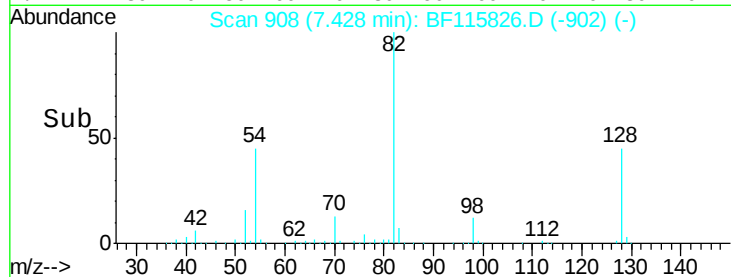
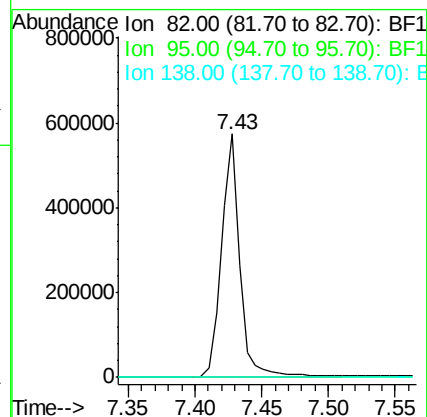
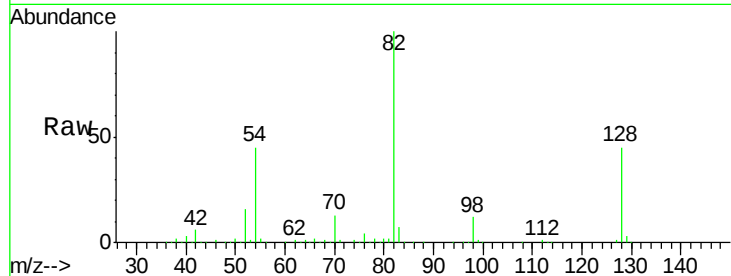
Tot Ion: 82 Resp: 561911

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

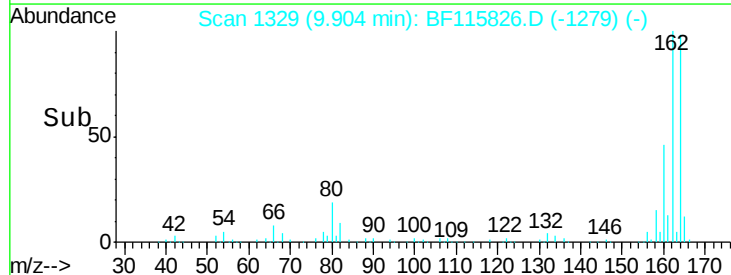
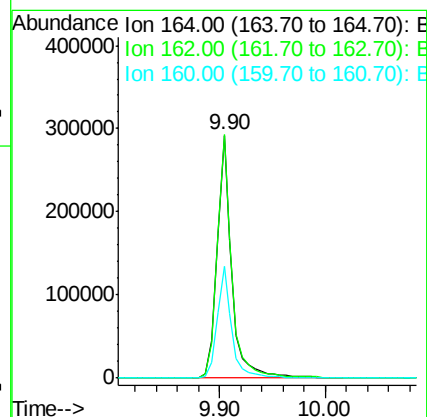
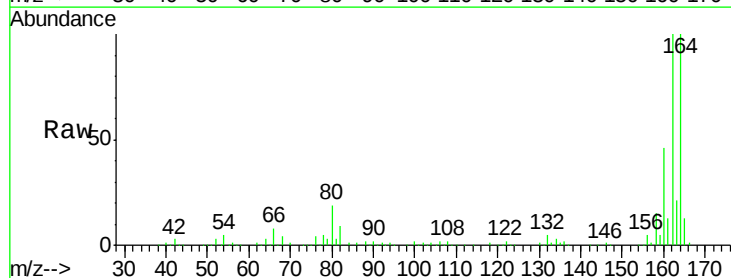
Tgt Ion: 164 Resp: 289502

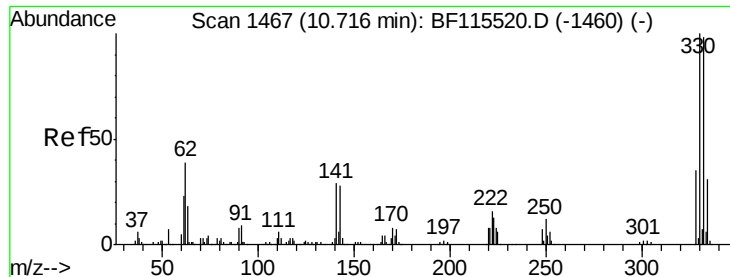
Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.6

160 46.3 37.5 56.3

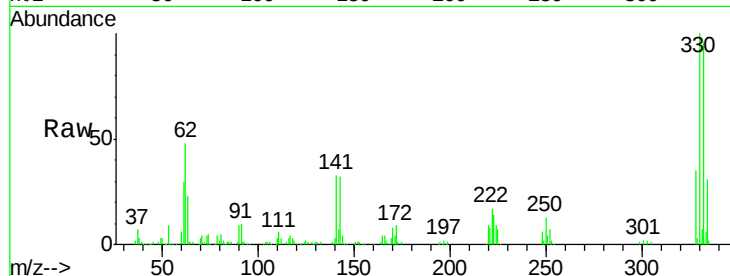




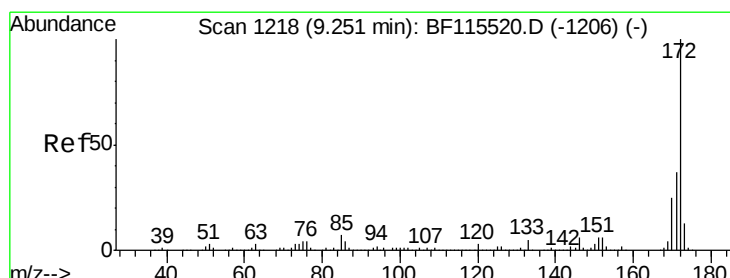
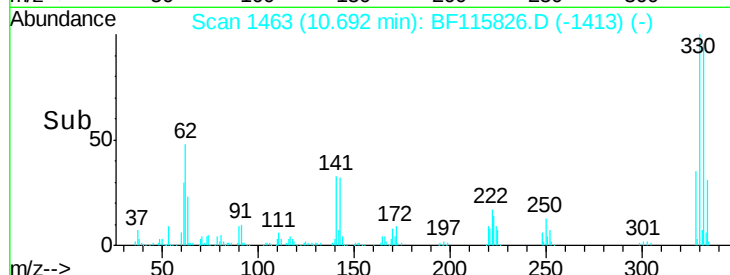
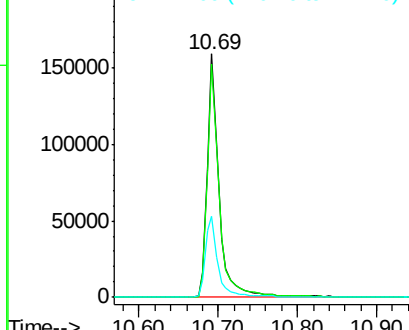
#42
 2,4,6-Tribromophenol
 Concen: 49.995 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115826.D
 Acq: 27 Jul 2019 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 168943
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.1 114.1
 141 35.8 25.9 38.9

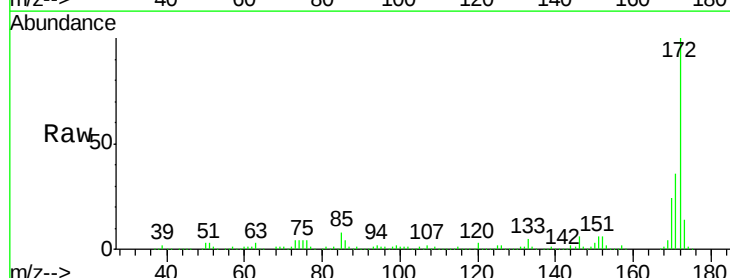


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

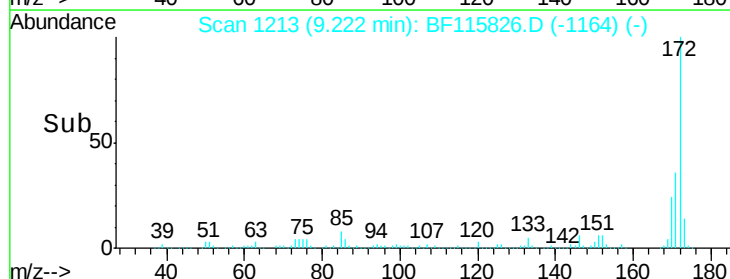
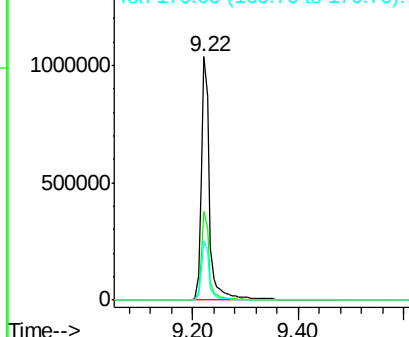


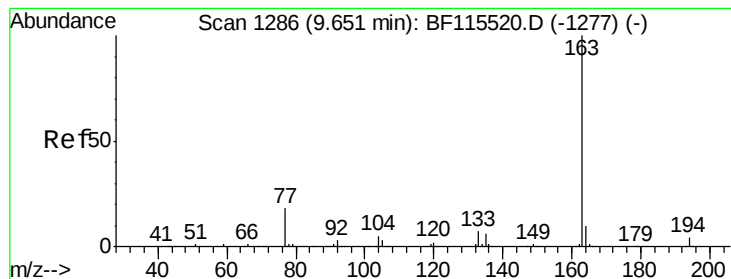
#45
 2-Fluorobiphenyl
 Concen: 68.422 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115826.D
 Acq: 27 Jul 2019 13:09

Tgt Ion:172 Resp: 1131719
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.5 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: 4.925 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

Instrument :

BNA_F

ClientSampled :

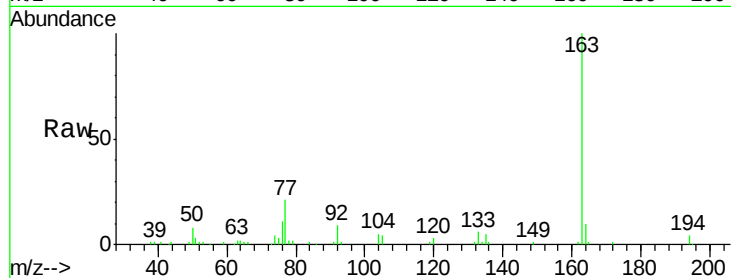
Tot Ion:163 Resp: 107277

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.6 8.3 12.5



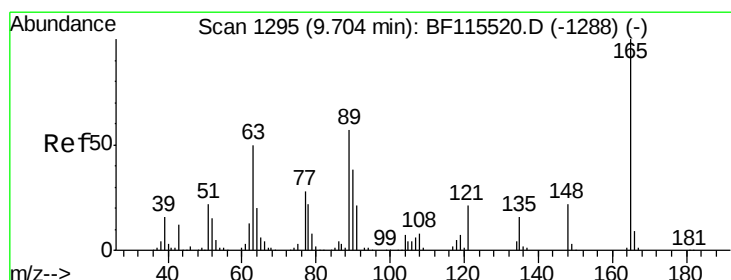
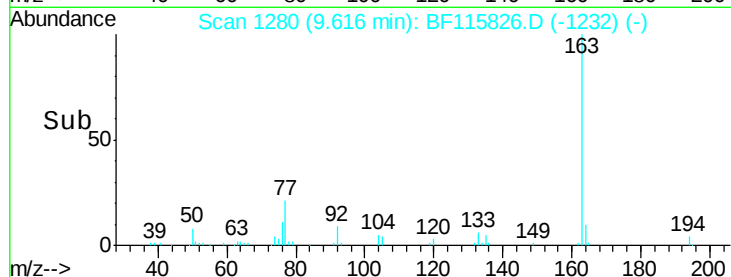
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.62

Time-->



#51

2,6-Dinitrotoluene

Concen: 7.316 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.21 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

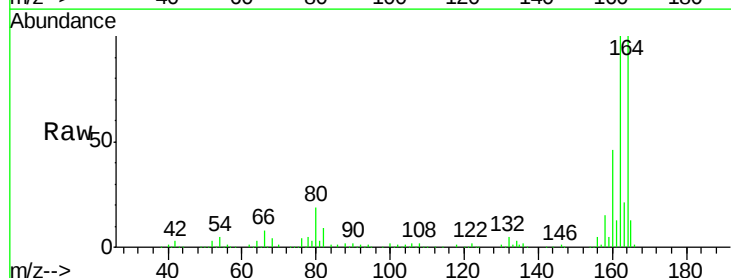
Tgt Ion:165 Resp: 36216

Ion Ratio Lower Upper

165 100

63 1.1 43.5 65.3#

89 1.5 46.3 69.5#



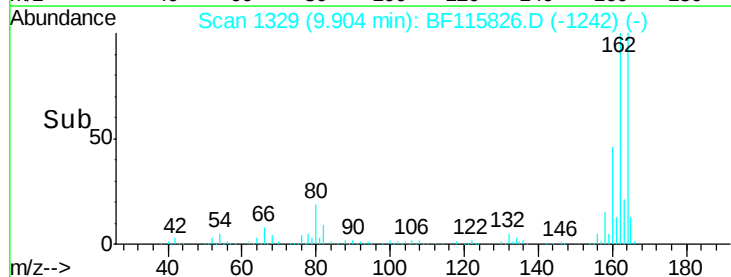
Abundance Ion 165.00 (164.70 to 165.70): E

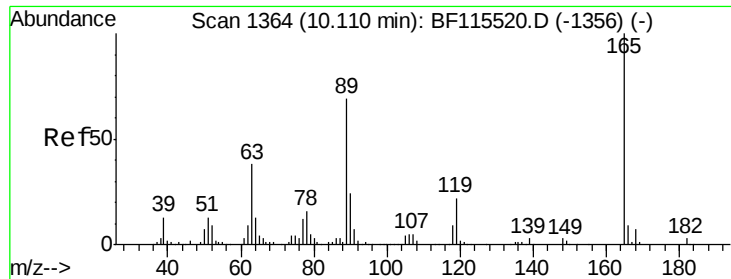
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.90

Time-->

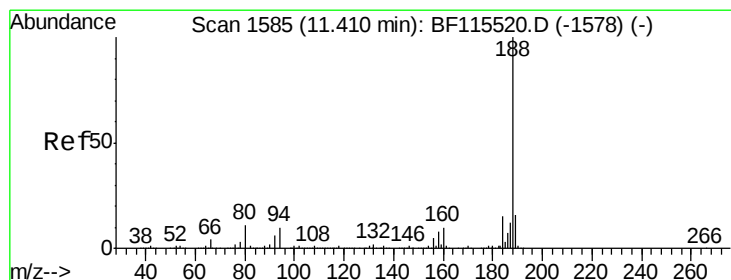
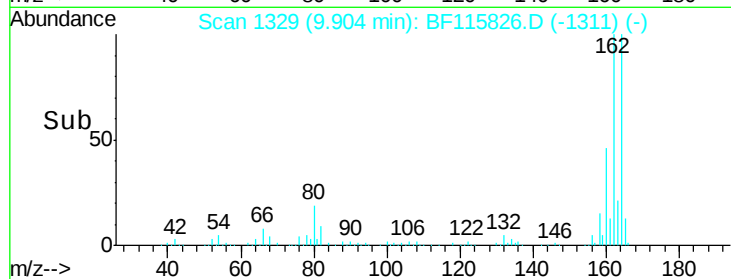
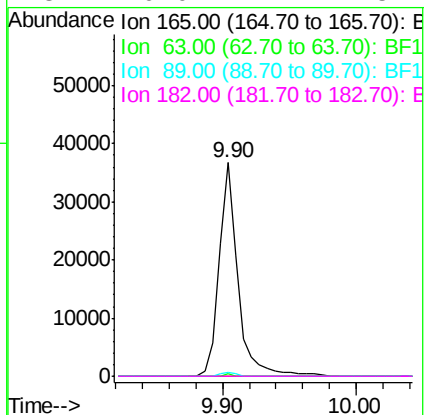
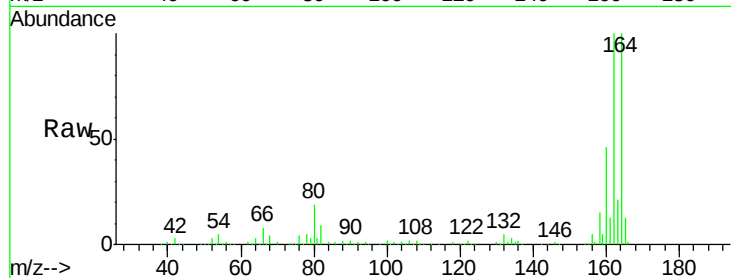




#57
 2,4-Dinitrotoluene
 Concen: 5.707 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF115826.D
 Acq: 27 Jul 2019 13:09

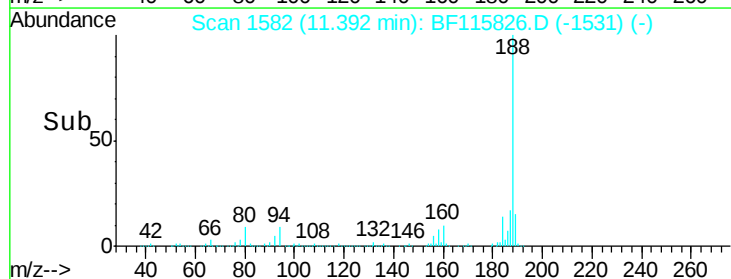
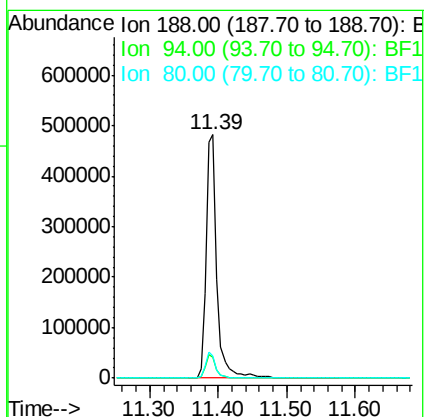
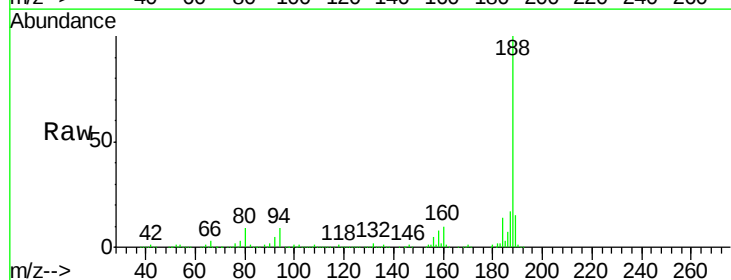
Instrument :
 BNA_F
 ClientSampleId :

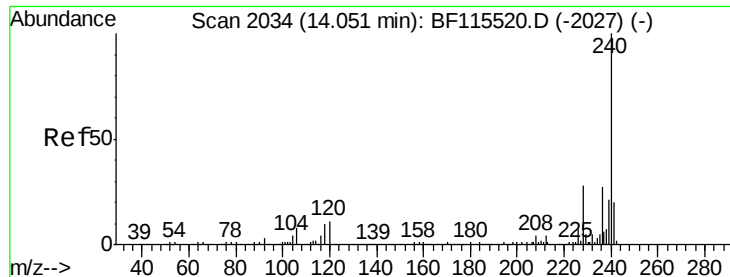
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.2#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF115826.D
 Acq: 27 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.0	9.0	13.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

Instrument :

BNA_F

ClientSampleId :

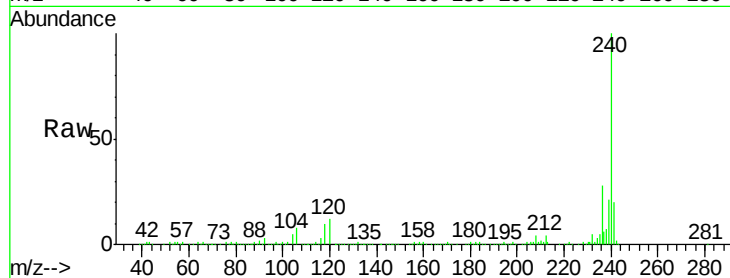
Tot Ion:240 Resp: 397600

Ion Ratio Lower Upper

240 100

120 11.7 10.0 15.0

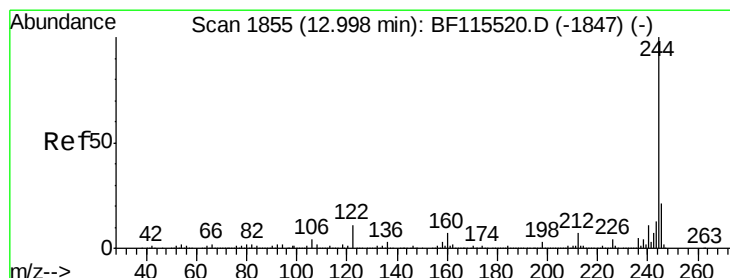
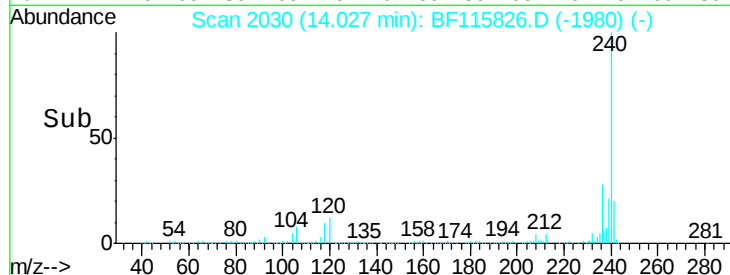
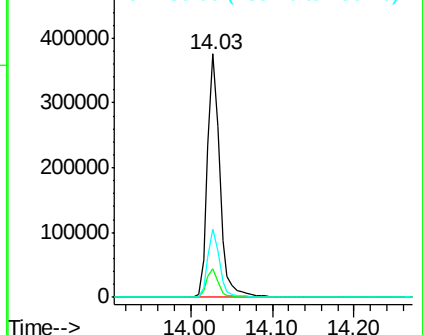
236 27.8 21.8 32.6



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: 60.510 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115826.D

Acq: 27 Jul 2019 13:09

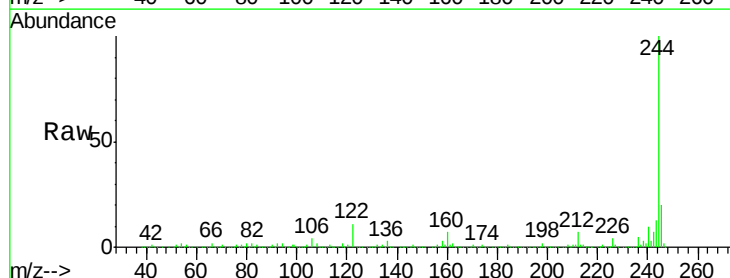
Tgt Ion:244 Resp: 1303873

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

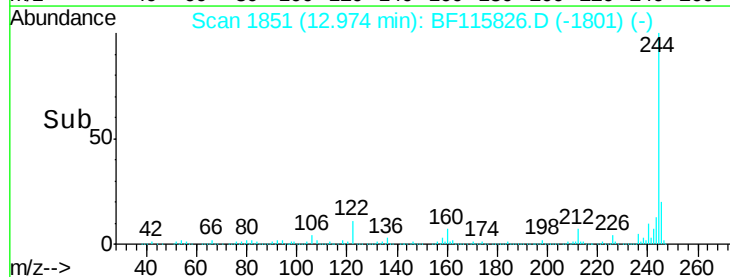
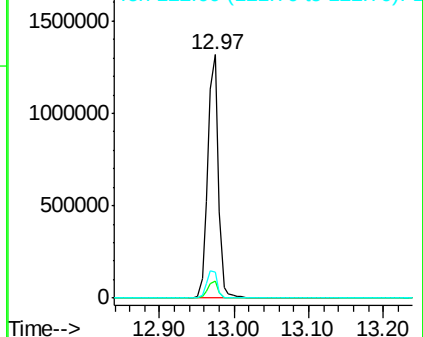
122 10.9 8.2 12.4

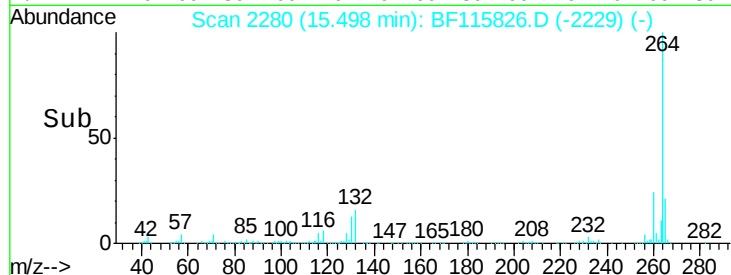
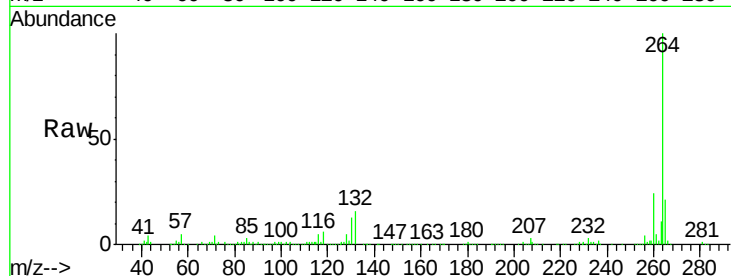
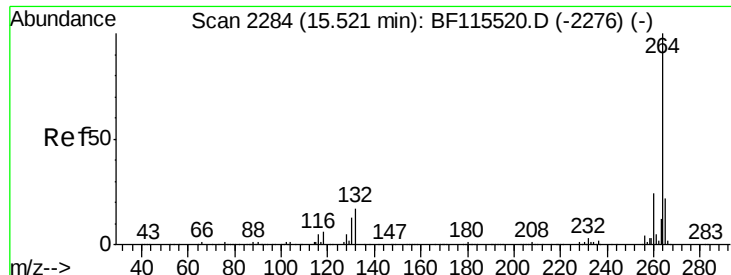


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF115826.D
 Acq: 27 Jul 2019 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	385519
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.5	17.5	26.3

