

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
 Data File : BF117278.D
 Acq On : 1 Oct 2019 15:53
 Operator : JU
 Sample : K5019-02DL2 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Quant Time: Oct 01 16:44:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

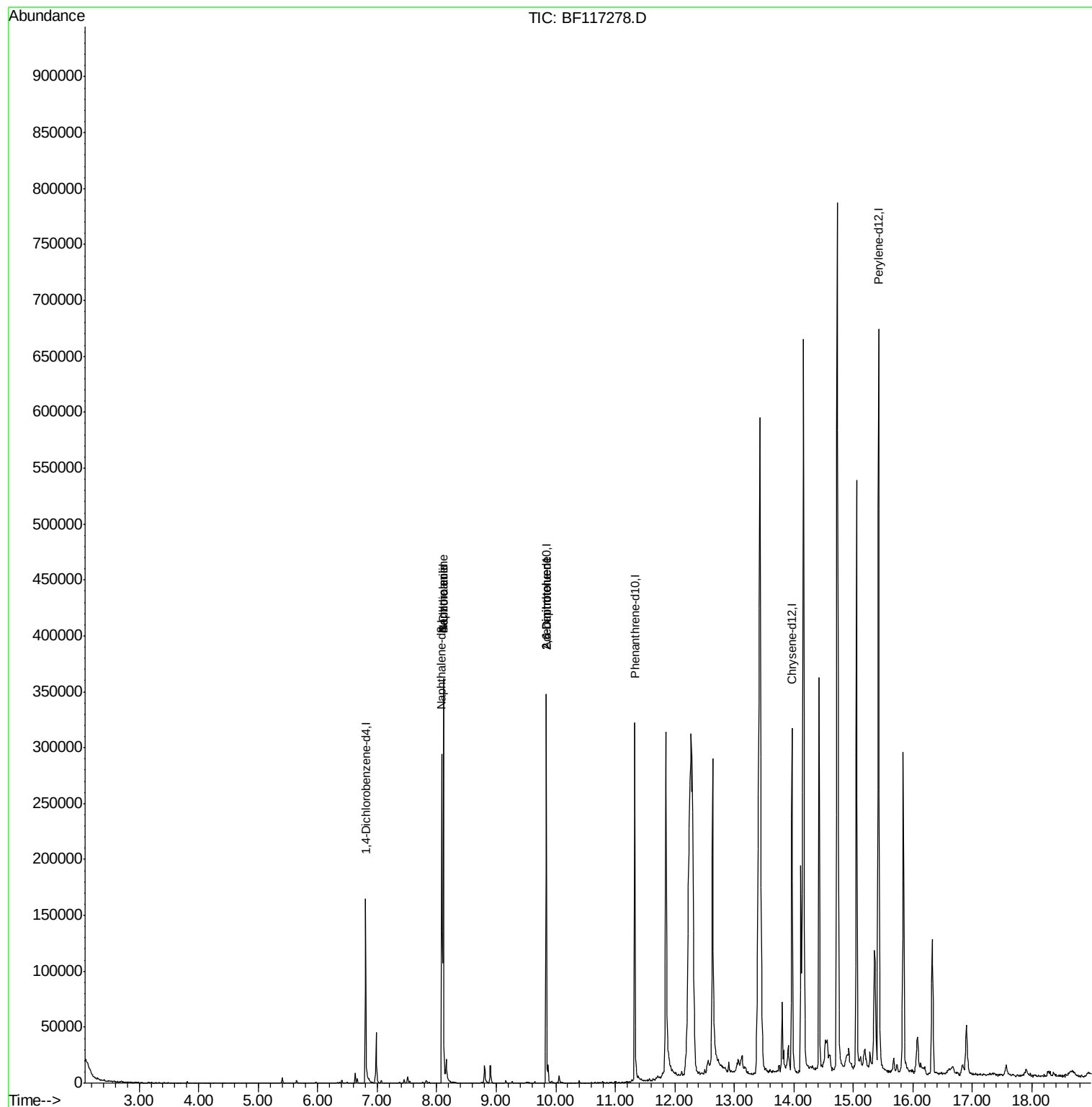
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	28183	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	127414	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	70743	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	124320	20.00	ng	0.00
76) Chrysene-d12	13.97	240	106022	20.00	ng	0.00
87) Perylene-d12	15.42	264	107278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.49	99	119	0.05	ng	0.03
23) Nitrobenzene-d5	7.39	82	140	0.06	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	1425	0.31	ng	-0.01
79) Terphenyl-d14	12.91	244	2857	0.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	420	Below Cal		
31) Naphthalene	8.11	128	183429	29.934	ng	# 1
32) Benzoic acid	8.10	122	319	6.817	ng	# 1
33) 4-Chloroaniline	8.11	127	22068	8.120	ng	# 31
51) 2,6-Dinitrotoluene	9.84	165	9492	9.304	ng	# 24
57) 2,4-Dinitrotoluene	9.84	165	9492	7.168	ng	# 18

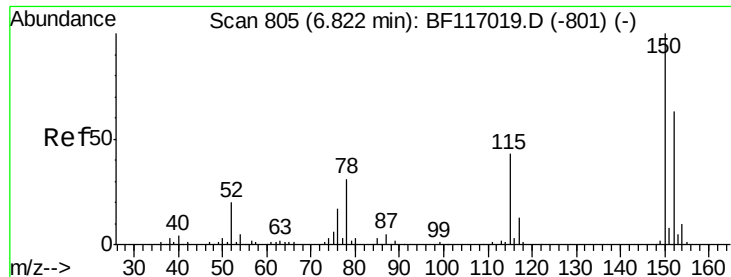
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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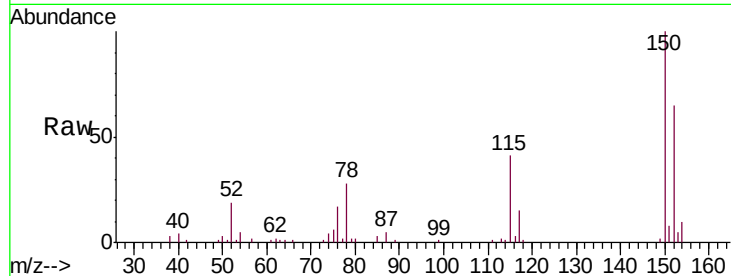


#1

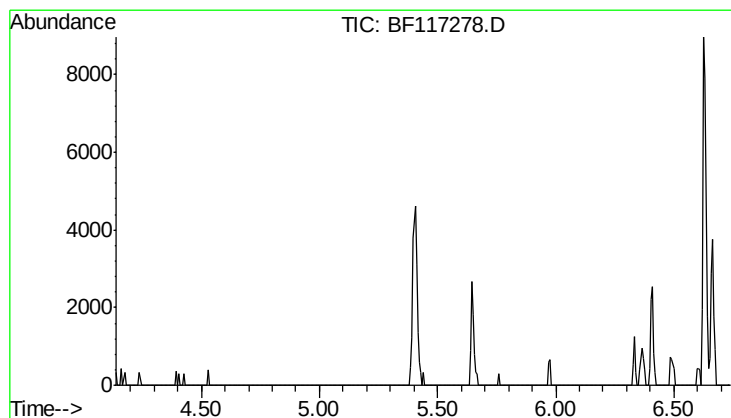
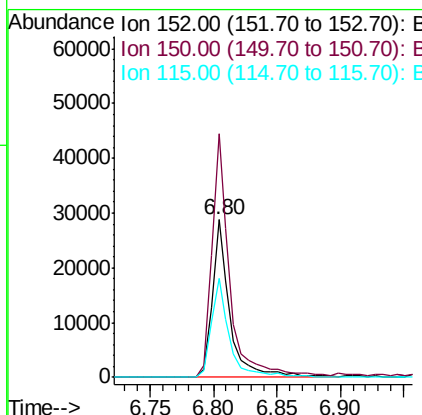
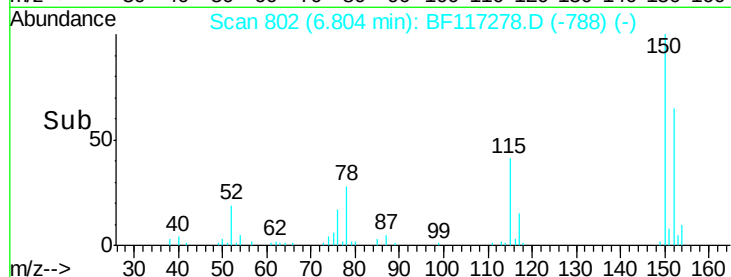
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion: 152 Resp: 28183
Ion Ratio Lower Upper
152 100
150 154.3 127.5 191.3
115 62.9 55.0 82.4



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

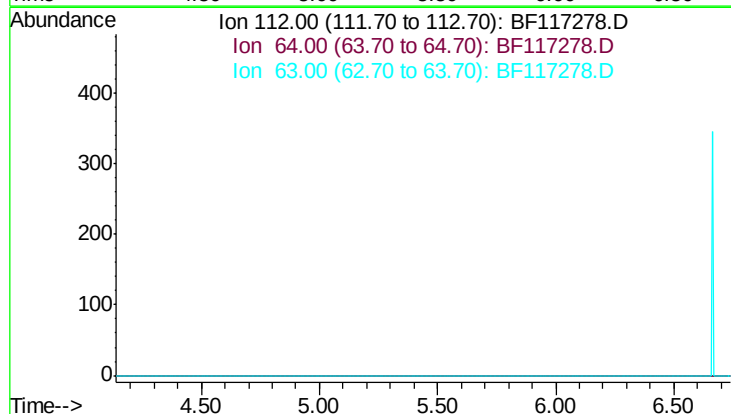


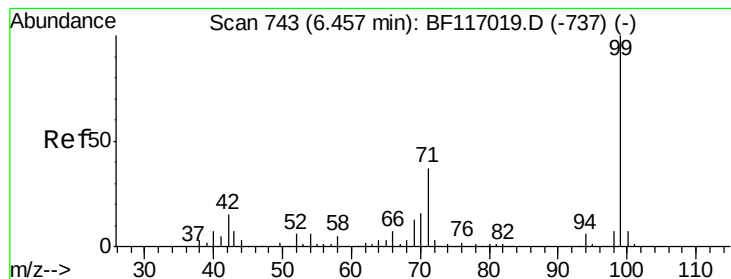
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.1
63 31.1





#7

Phenol-d6

Concen: 0.051 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.03 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

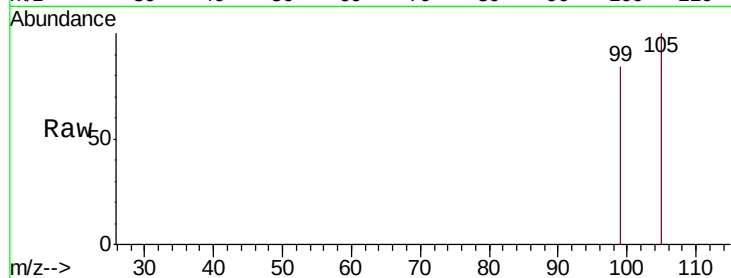
Tgt Ion: 99 Resp: 119

Ion Ratio Lower Upper

99 100

42 0.0 12.2 18.2#

71 0.0 29.8 44.8#



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

6.49

300

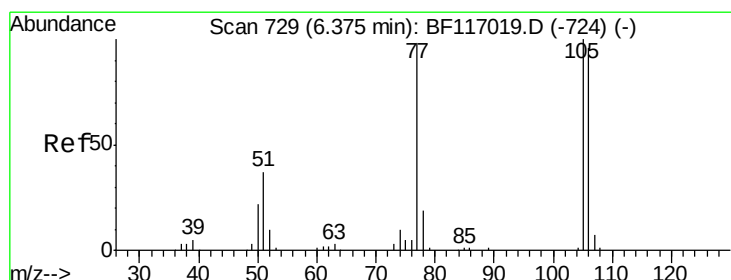
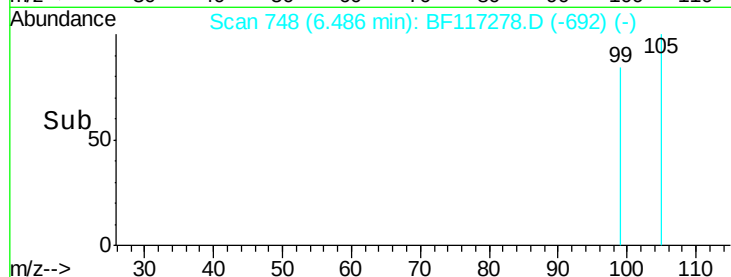
200

100

0

6.47 6.48 6.49 6.50

Time-->



#9

Benzaldehyde

Concen: Below Cal

RT: 6.63 min Scan# 772

Delta R.T. 0.25 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

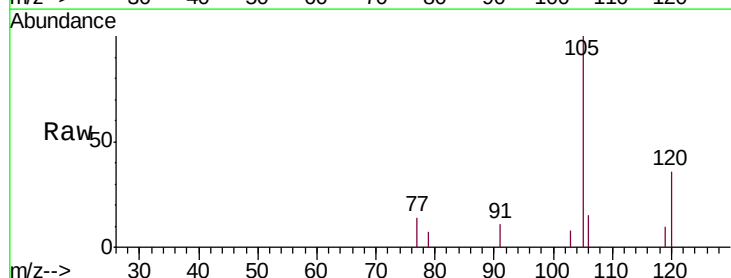
Tgt Ion: 77 Resp: 420

Ion Ratio Lower Upper

77 100

105 695.6 81.8 121.8#

106 107.5 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6000

5000

4000

3000

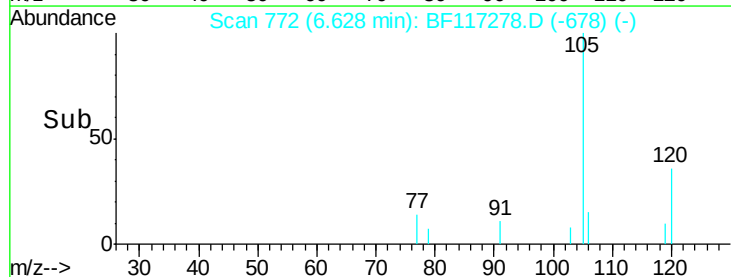
2000

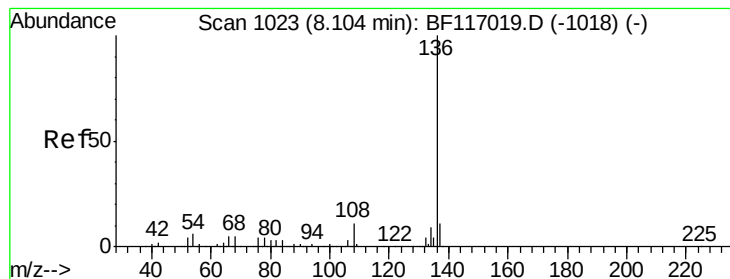
1000

0

6.61 6.62 6.63

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

Tgt Ion: 136 Resp: 127414

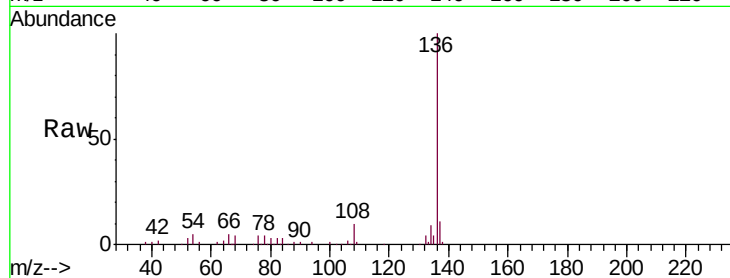
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 4.8 4.5 6.7

68 4.4 4.0 6.0

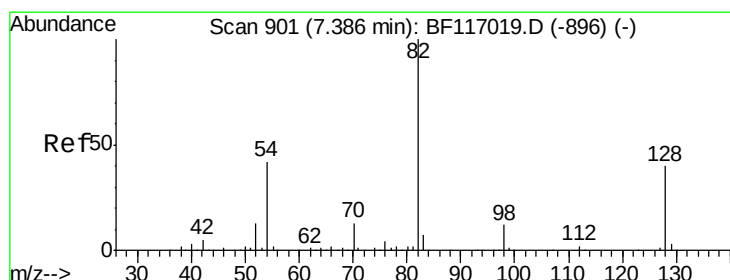
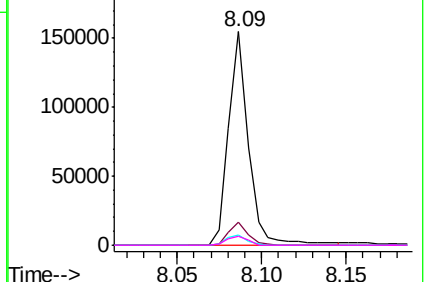
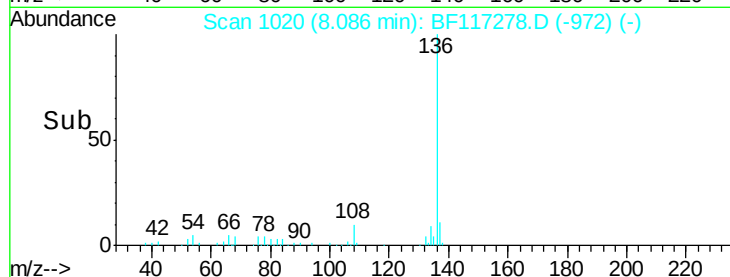


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.058 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

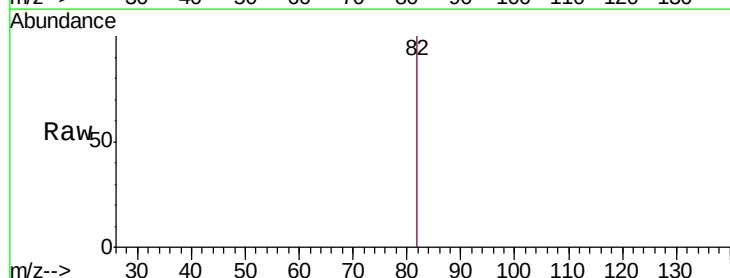
Tgt Ion: 82 Resp: 140

Ion Ratio Lower Upper

82 100

128 0.0 32.3 48.5#

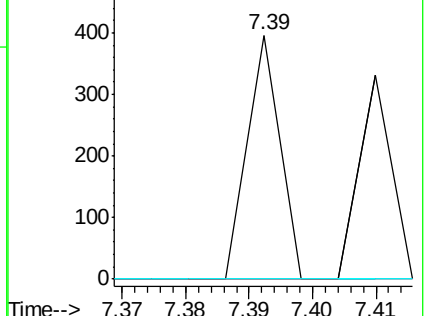
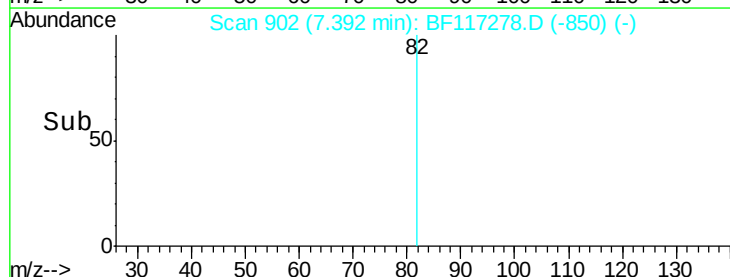
54 0.0 33.3 49.9#

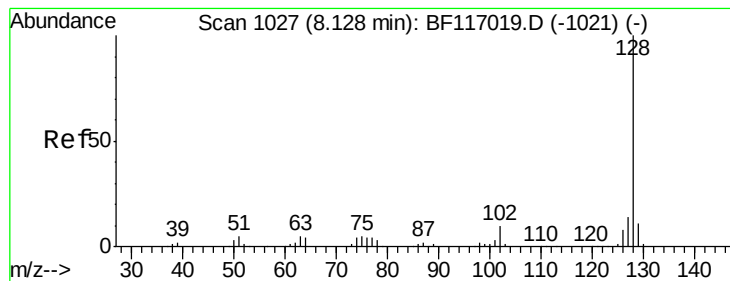


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 29.934 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

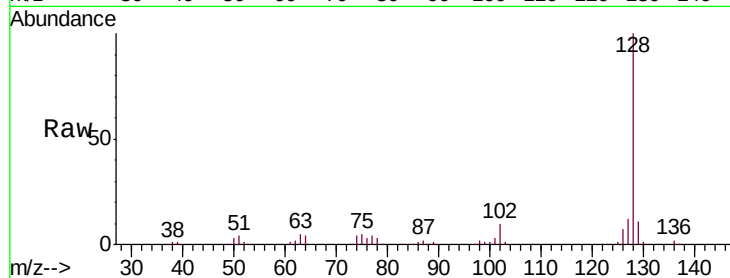
Tgt Ion:128 Resp: 183429

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

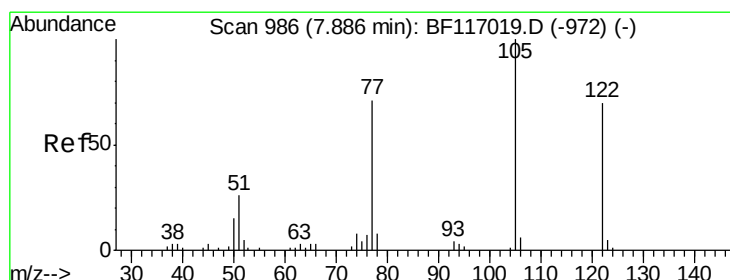
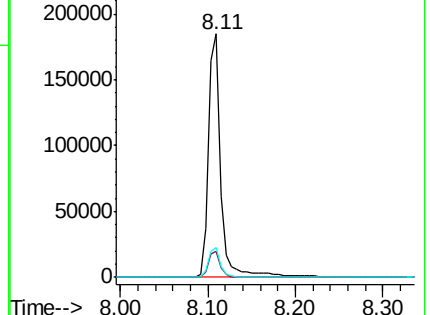
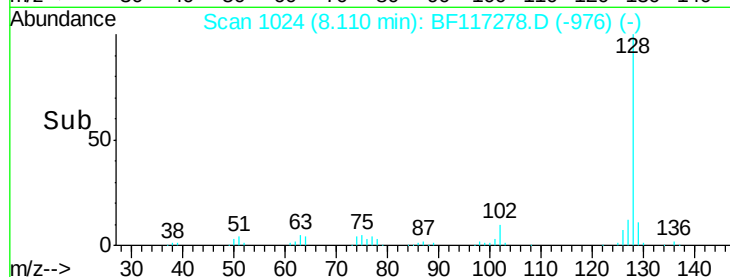
127 12.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.817 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.22 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

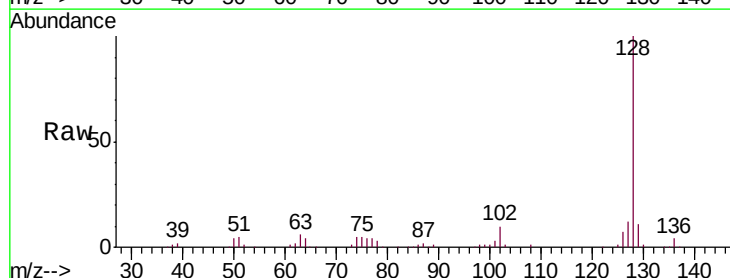
Tgt Ion:122 Resp: 319

Ion Ratio Lower Upper

122 100

105 0.0 114.8 154.8#

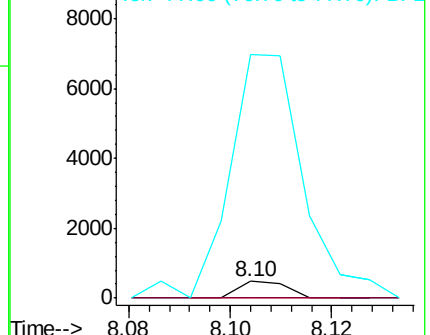
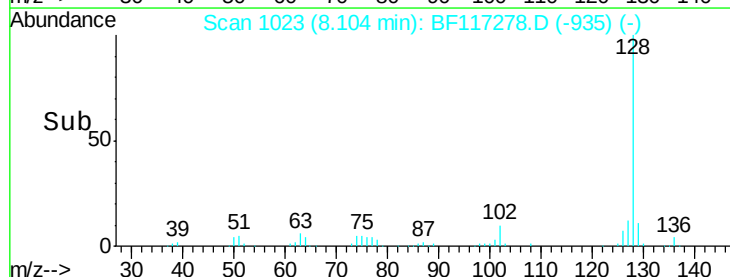
77 1437.7 78.7 118.7#

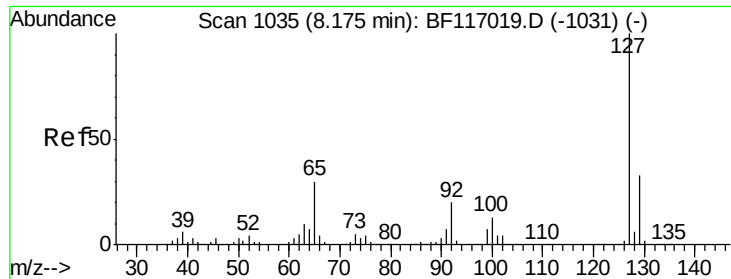


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

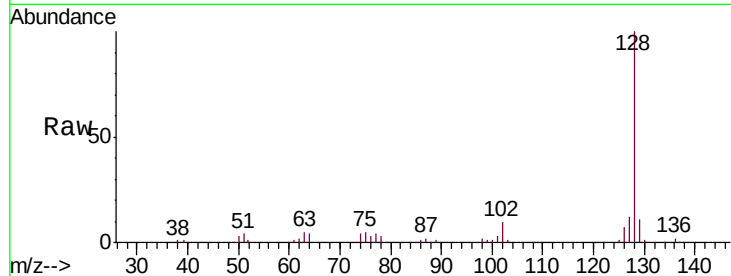




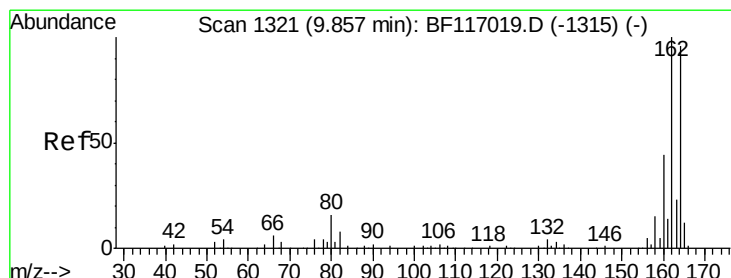
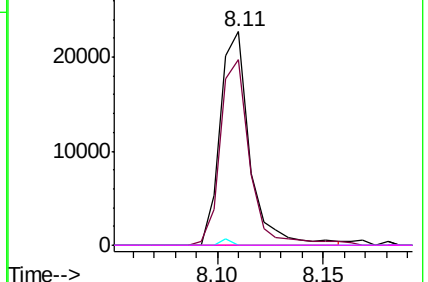
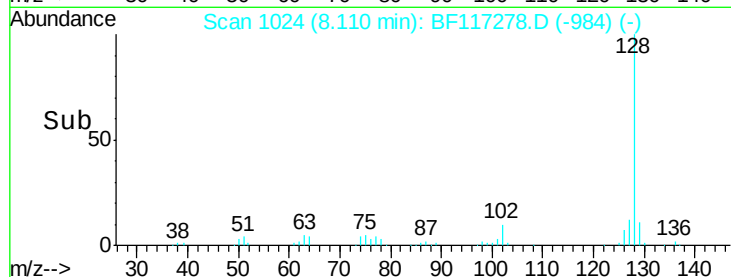
#33
4-Chloroaniline
Concen: 8.120 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:127 Resp: 22068
Ion Ratio Lower Upper
127 100
129 87.0 26.2 39.2#
65 0.0 23.5 35.3#
92 0.0 15.9 23.9#

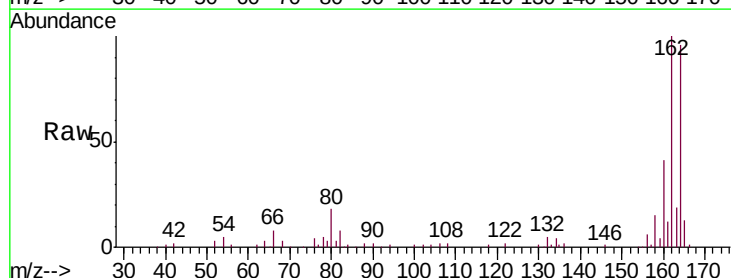


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

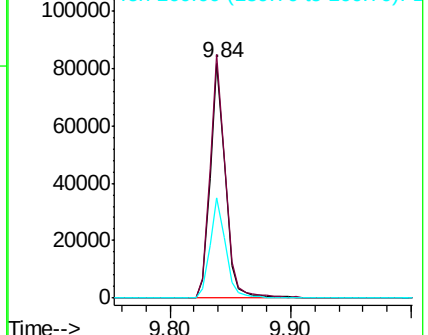
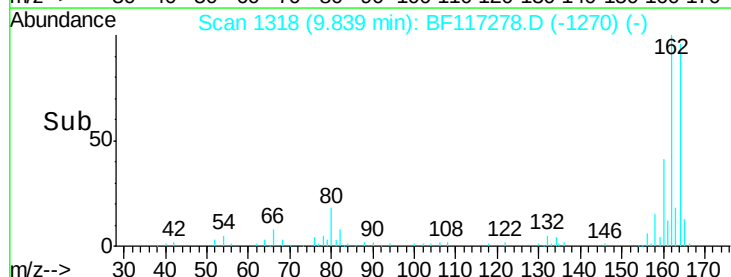


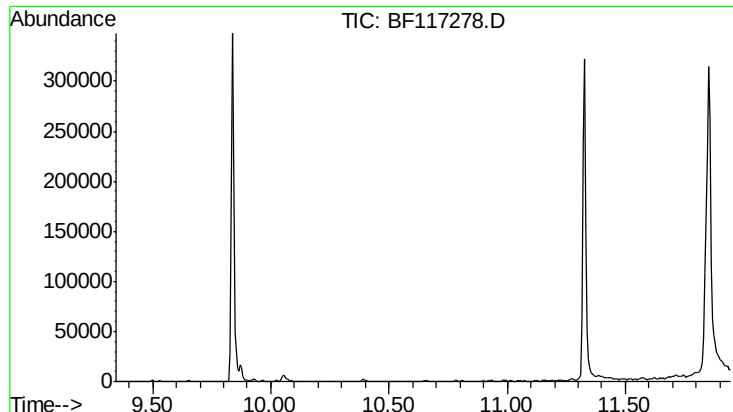
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:164 Resp: 70743
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.2
160 42.6 36.4 54.6



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

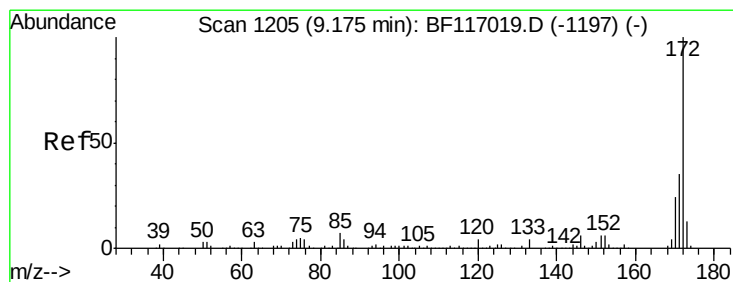
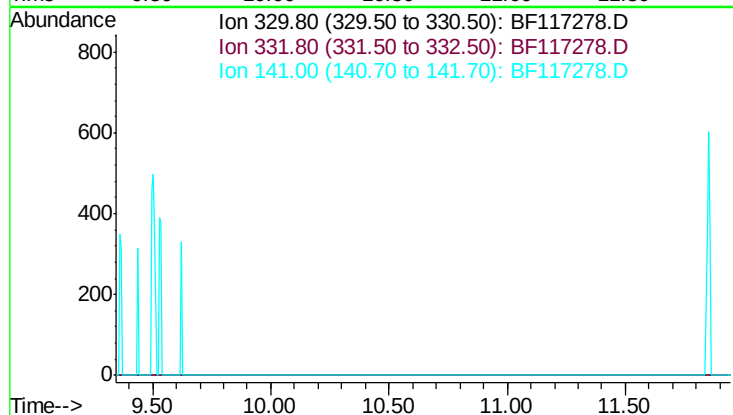




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

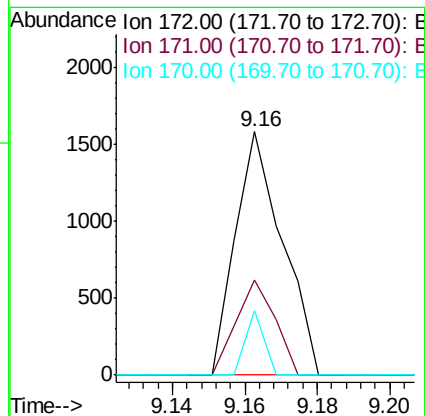
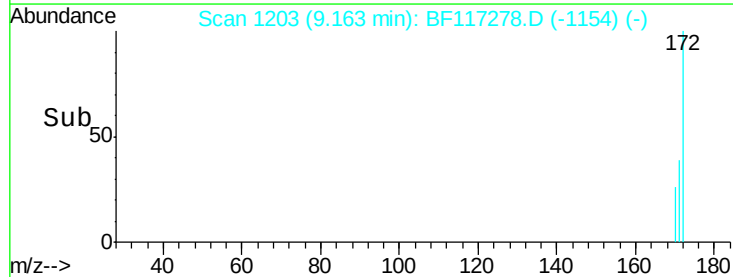
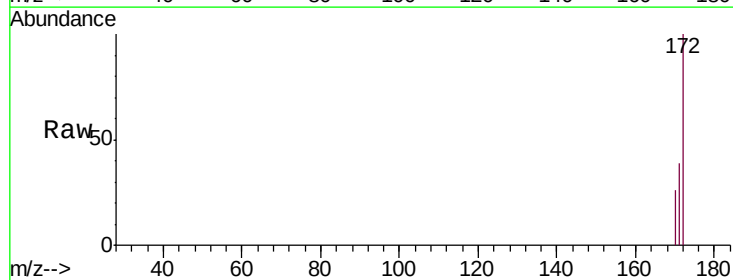
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

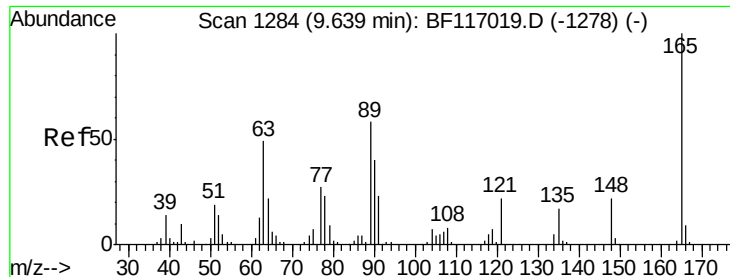
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.5
 141 44.7



#45
 2-Fluorobiphenyl
 Concen: 0.315 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Tgt Ion: 172 Resp: 1425
 Ion Ratio Lower Upper
 172 100
 171 39.3 28.2 42.2
 170 26.5 18.9 28.3

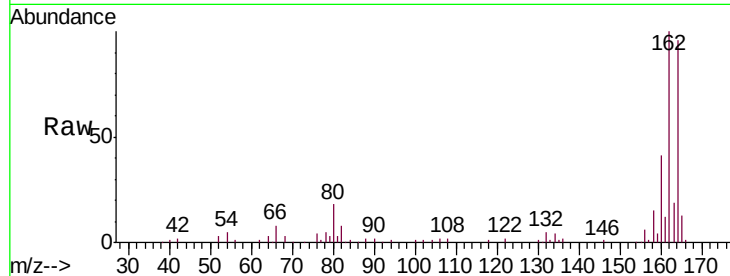




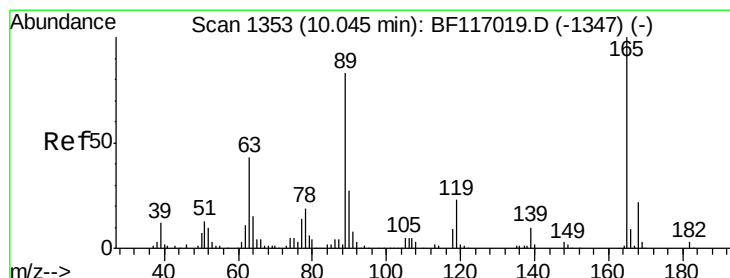
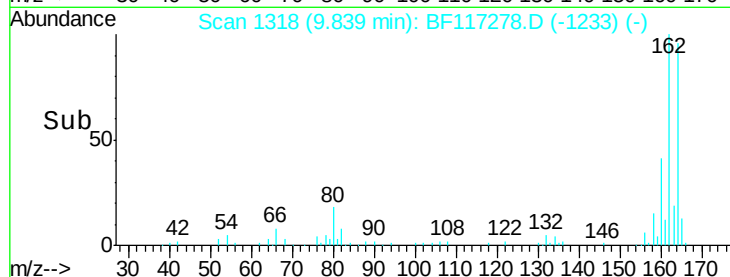
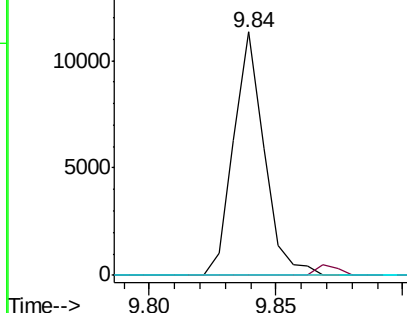
#51
 2,6-Dinitrotoluene
 Concen: 9.304 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



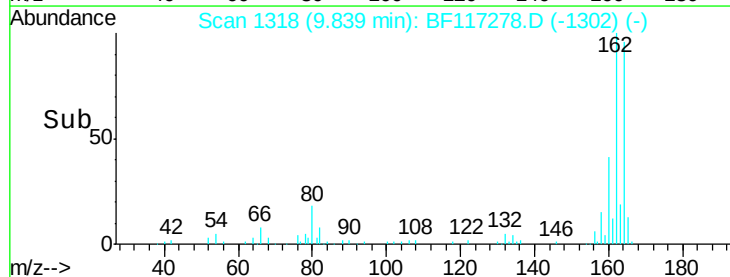
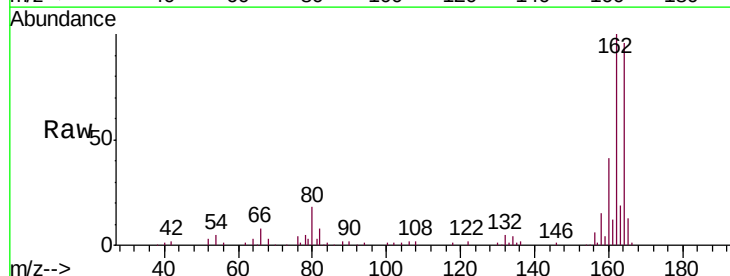
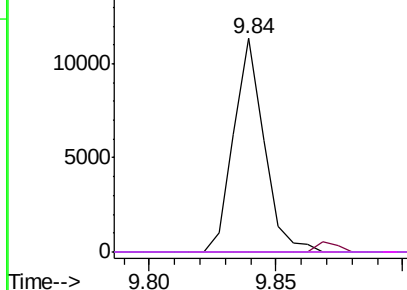
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

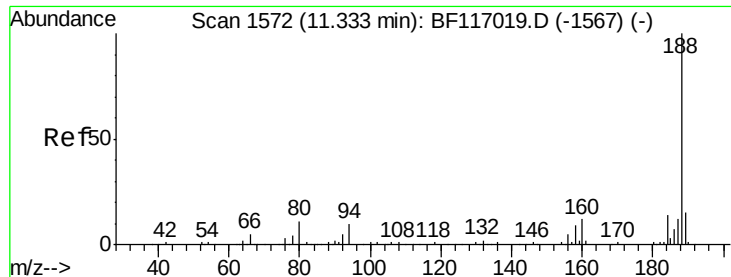


#57
 2,4-Dinitrotoluene
 Concen: 7.168 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

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

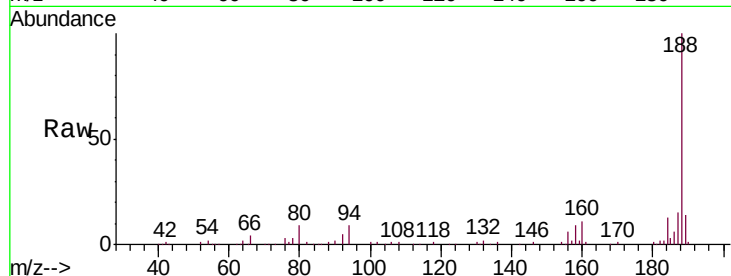




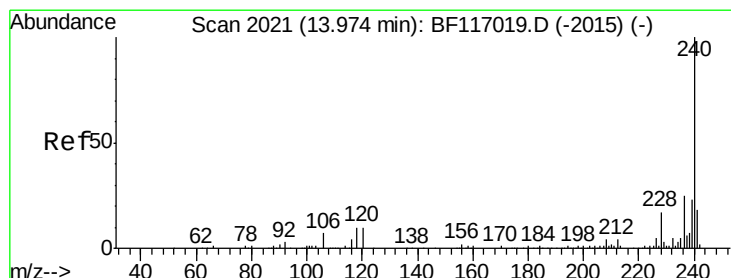
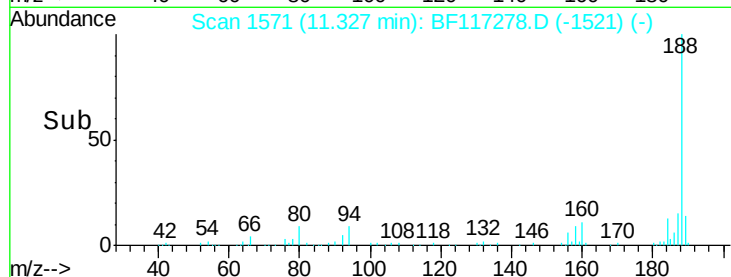
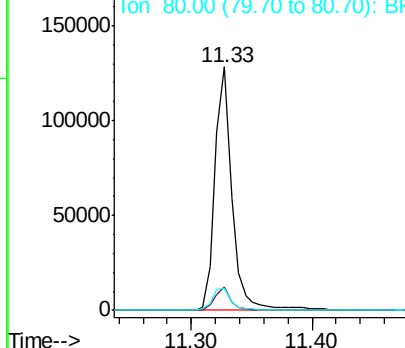
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tgt Ion:188 Resp: 124320
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.1 9.0 13.6

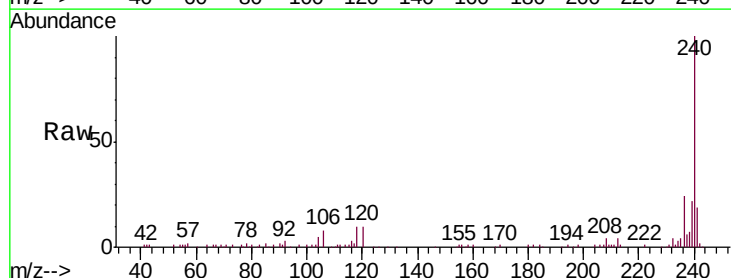


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

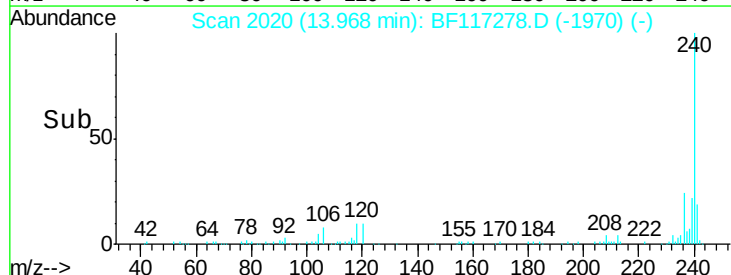
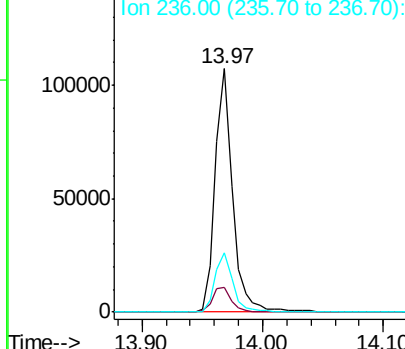


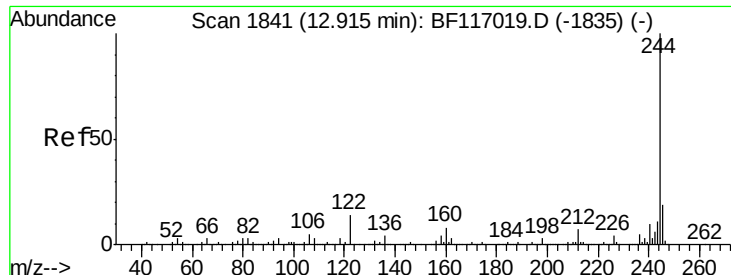
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:240 Resp: 106022
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 24.2 20.3 30.5



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: 0.504 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

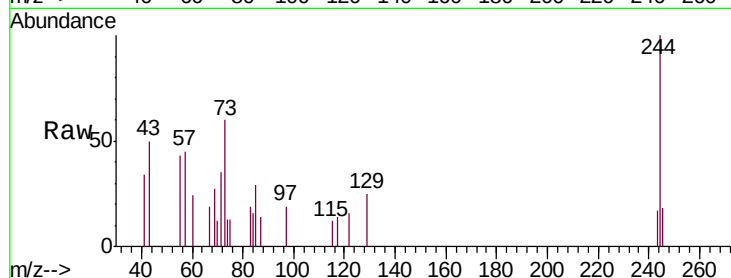
Tgt Ion:244 Resp: 2857

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

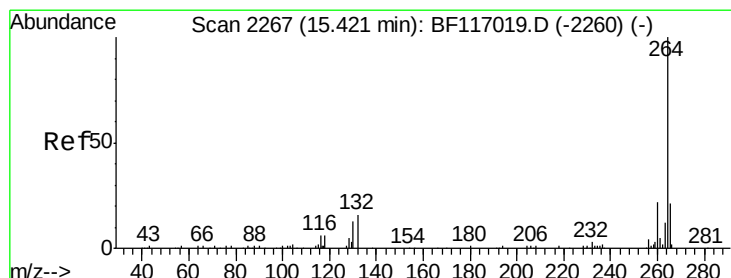
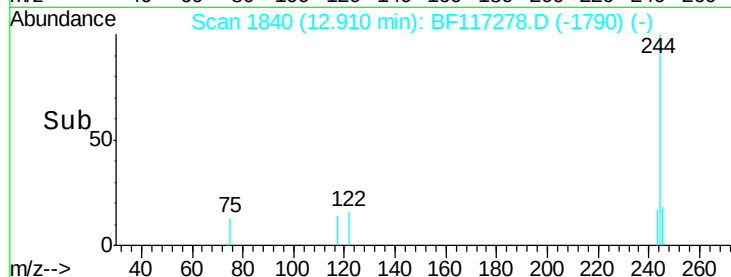
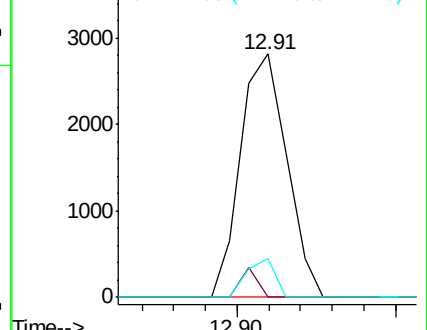
122 16.2 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

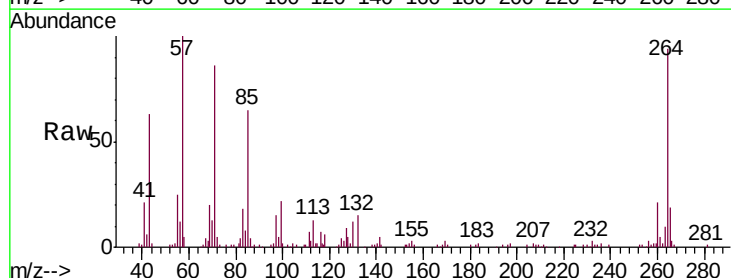
Tgt Ion:264 Resp: 107278

Ion Ratio Lower Upper

264 100

260 22.2 17.6 26.4

265 20.2 16.6 24.8



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

