

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119439.D
 Acq On : 19 Mar 2020 2:44
 Operator : CG/JU
 Sample : L1907-02 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-SA

Quant Time: Mar 19 07:54:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

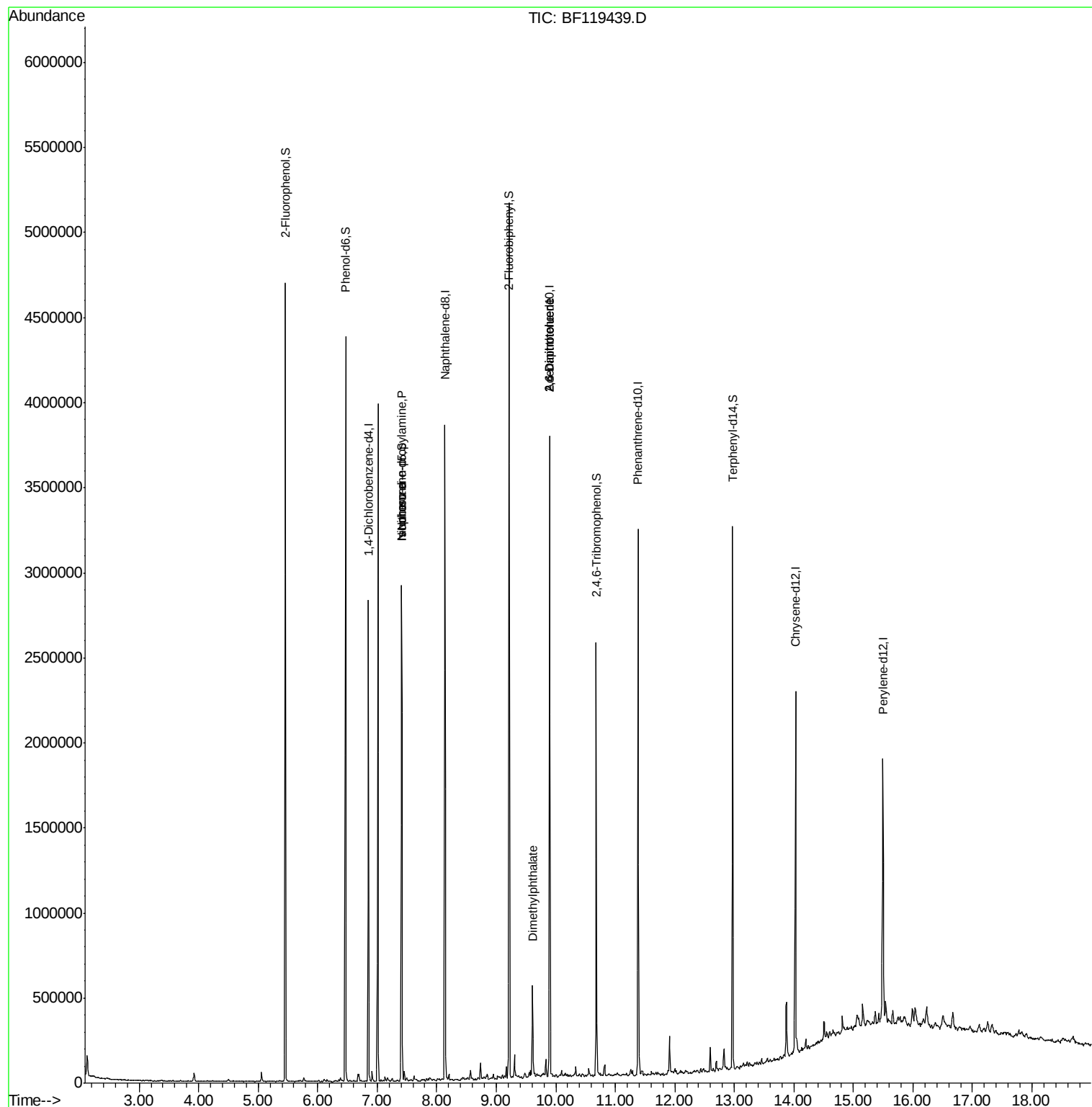
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	411145	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1521726	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	697898	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1110450	20.00	ng	0.00
76) Chrysene-d12	14.03	240	739938	20.00	ng	0.00
87) Perylene-d12	15.50	264	746891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1123732	43.51	ng	0.00
7) Phenol-d6	6.47	99	1410615	42.76	ng	0.00
23) Nitrobenzene-d5	7.41	82	828226	29.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	280799	39.00	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1500299	31.85	ng	0.00
79) Terphenyl-d14	12.97	244	1184463	31.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	106726	5.37	ng	# 78
25) Isophorone	7.41	82	826150	14.55	ng	# 66
50) Dimethylphthalate	9.61	163	175933	3.55	ng	99
51) 2,6-Dinitrotoluene	9.90	165	91594	8.62	ng	# 19
57) 2,4-Dinitrotoluene	9.90	165	91594	6.84	ng	# 25

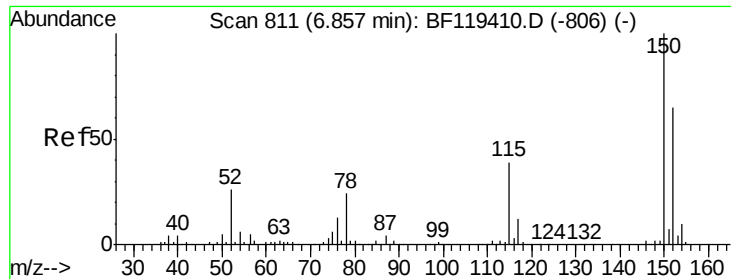
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

TP-6-SA

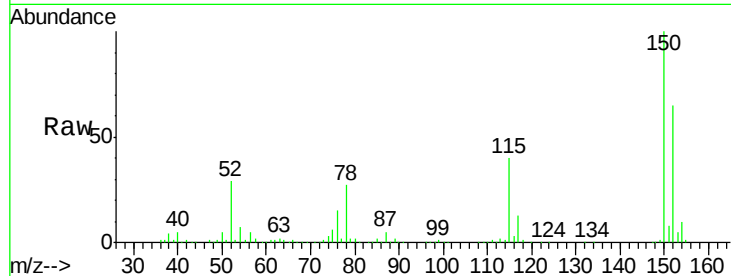
Tgt Ion:152 Resp: 411145

Ion Ratio Lower Upper

152 100

150 155.0 123.9 185.9

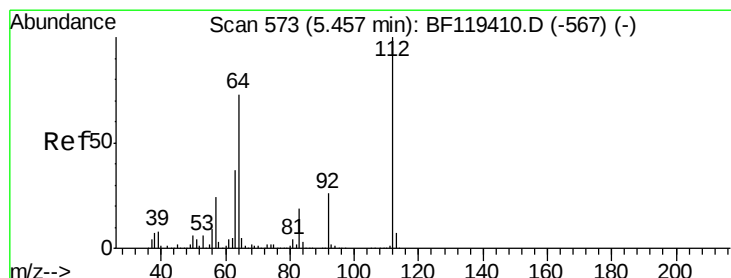
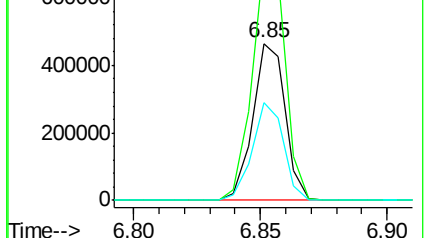
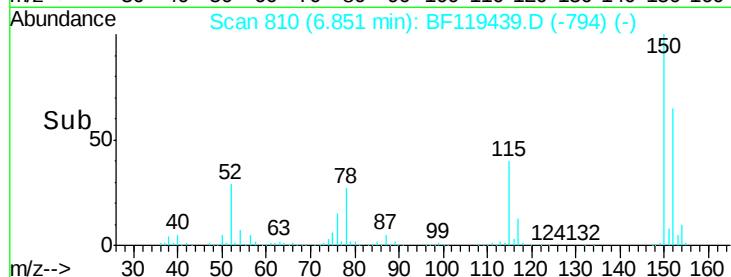
115 62.2 47.8 71.6



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: 43.51 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

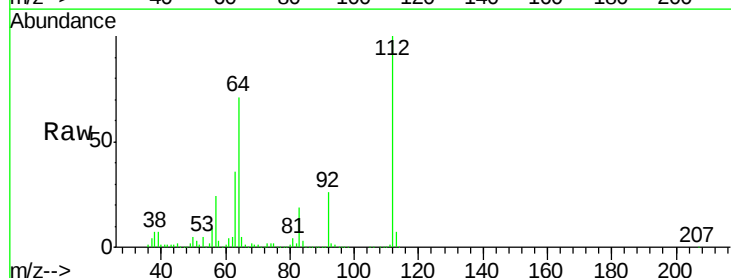
Tgt Ion:112 Resp: 1123732

Ion Ratio Lower Upper

112 100

64 71.0 58.1 87.1

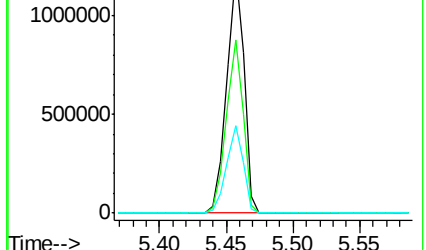
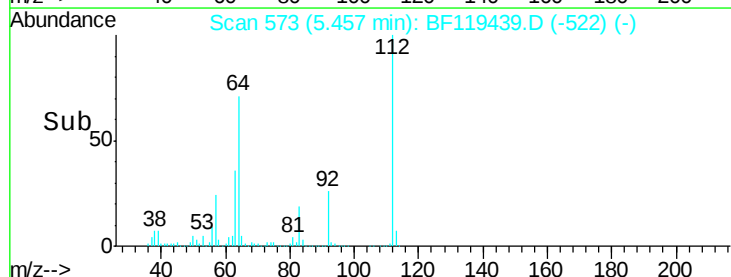
63 35.8 29.7 44.5

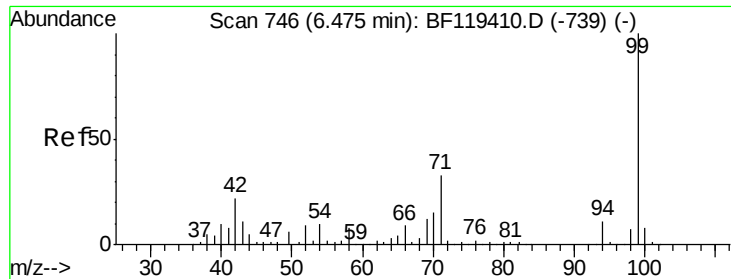


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 42.76 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

TP-6-SA

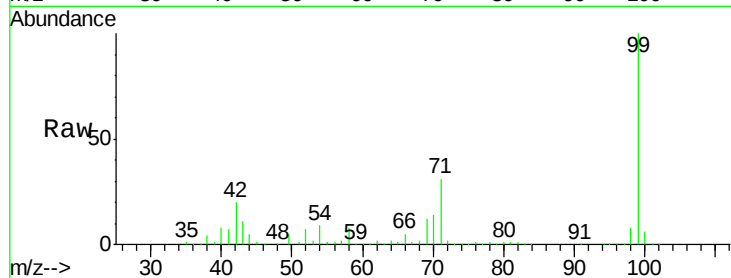
Tgt Ion: 99 Resp: 1410615

Ion Ratio Lower Upper

99 100

42 20.0 17.8 26.6

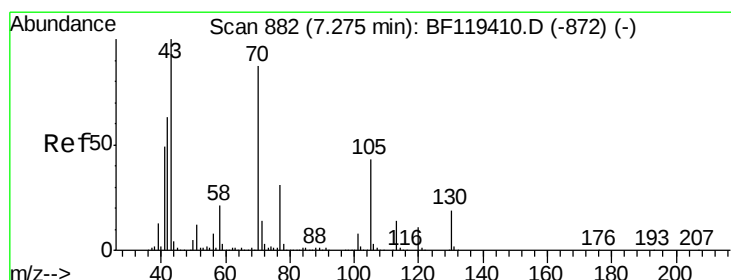
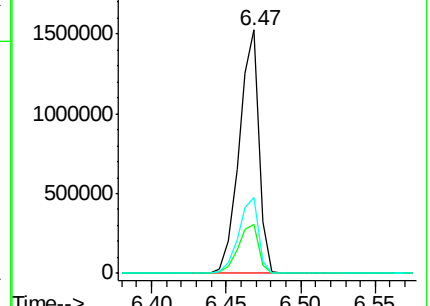
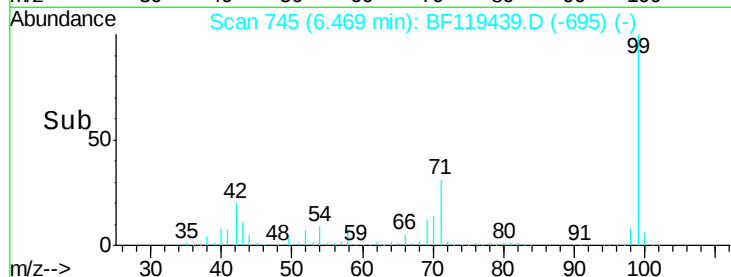
71 31.0 26.0 39.0



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: 5.37 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

Tgt Ion: 70 Resp: 106726

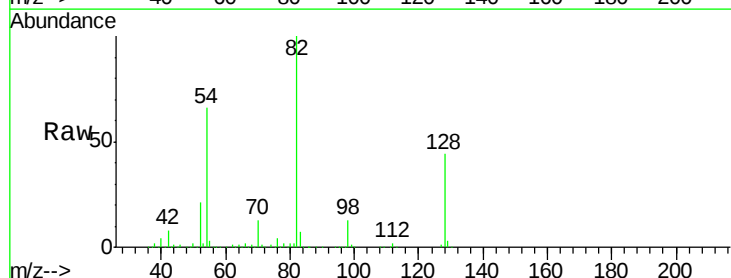
Ion Ratio Lower Upper

70 100

42 59.6 58.2 87.4

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#

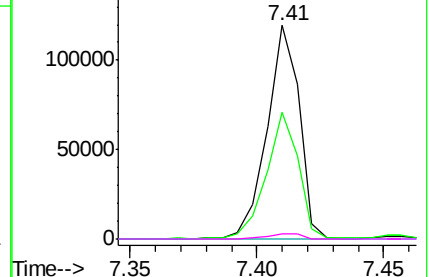
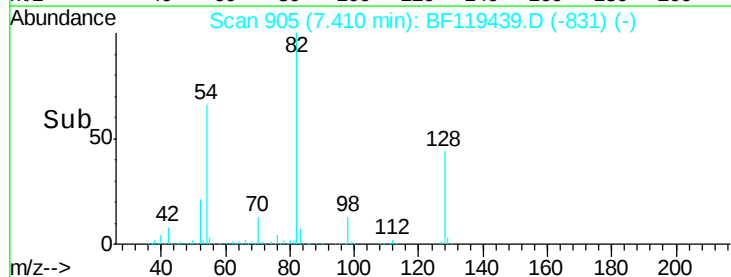


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

TP-6-SA

Tgt Ion:136 Resp: 1521726

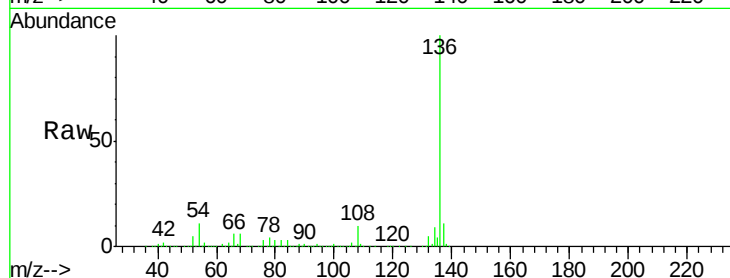
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.1 8.3 12.5

68 6.0 4.9 7.3

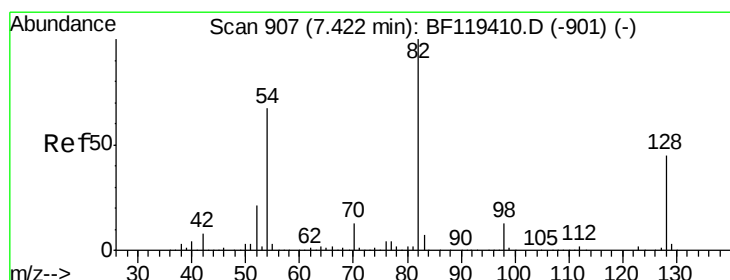
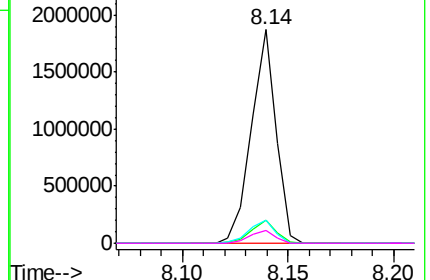
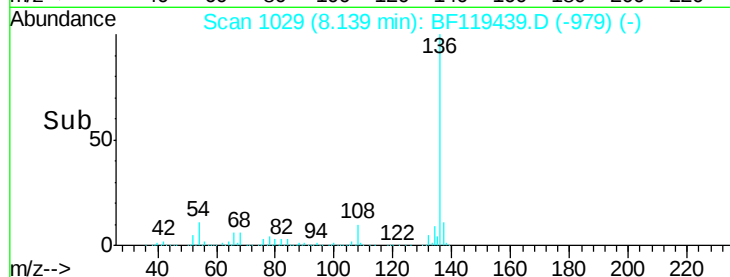


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.58 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

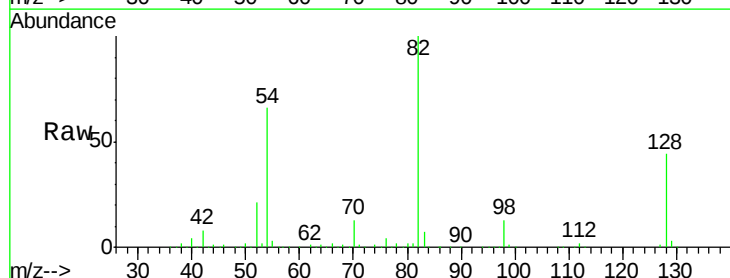
Tgt Ion: 82 Resp: 828226

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.8

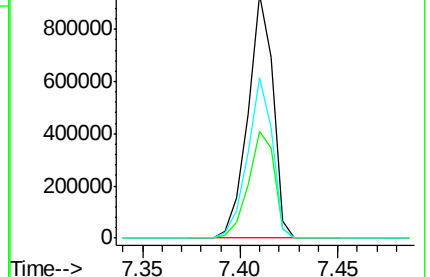
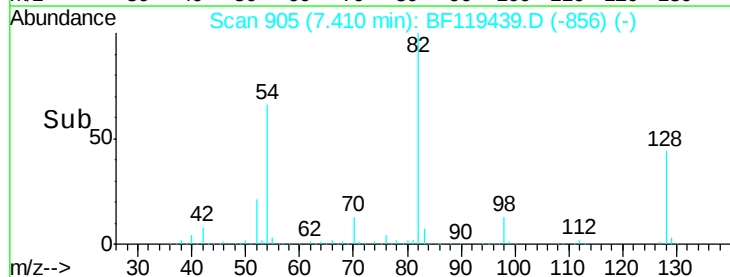
54 65.8 53.4 80.0

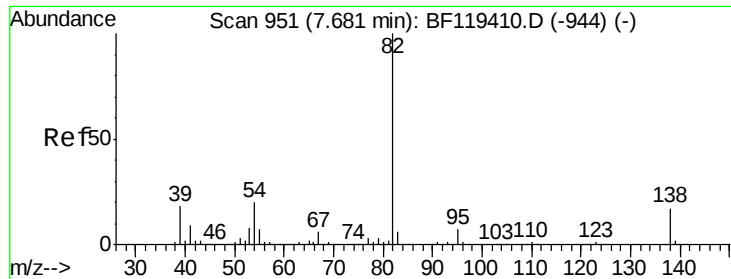


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 14.55 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

TP-6-SA

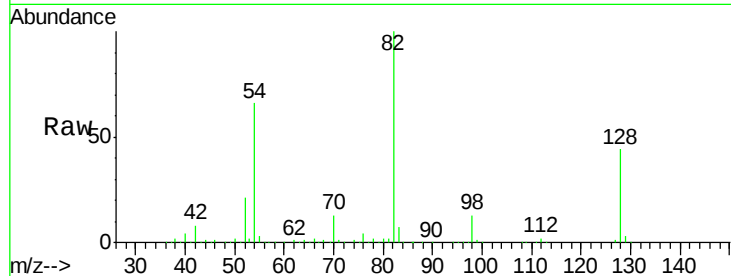
Tgt Ion: 82 Resp: 826150

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

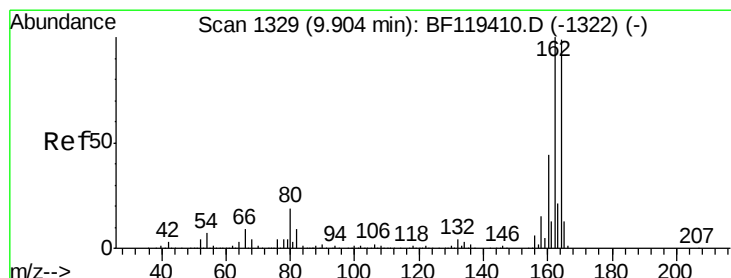
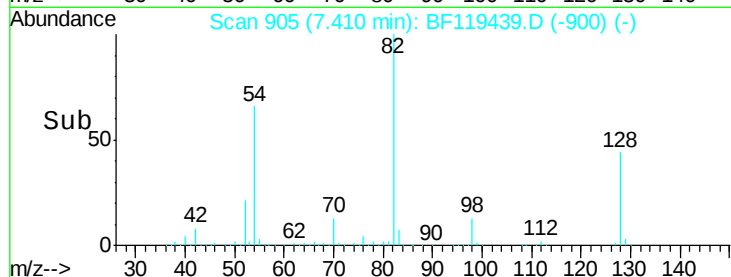
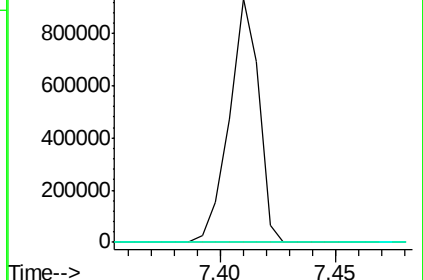
138 0.0 13.8 20.8#



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: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119439.D

Acq: 19 Mar 2020 2:44

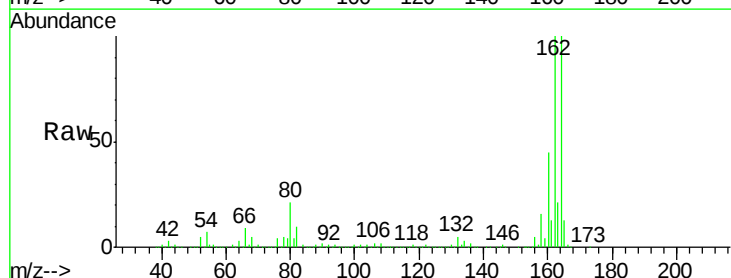
Tgt Ion: 164 Resp: 697898

Ion Ratio Lower Upper

164 100

162 100.5 80.7 121.1

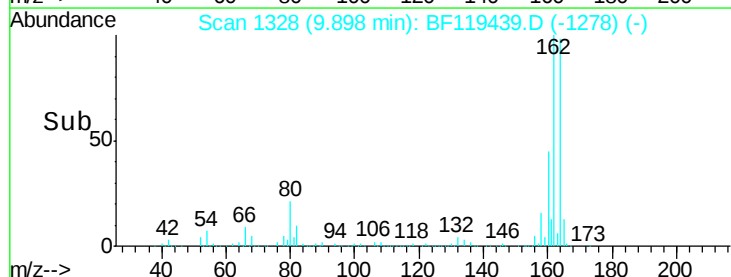
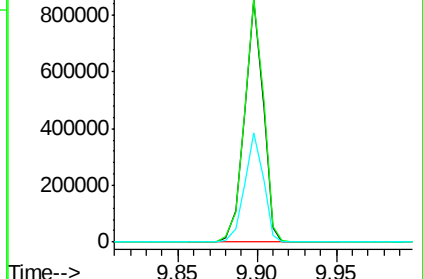
160 45.3 35.5 53.3

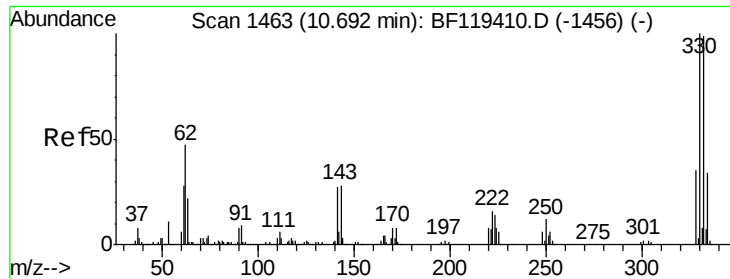


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

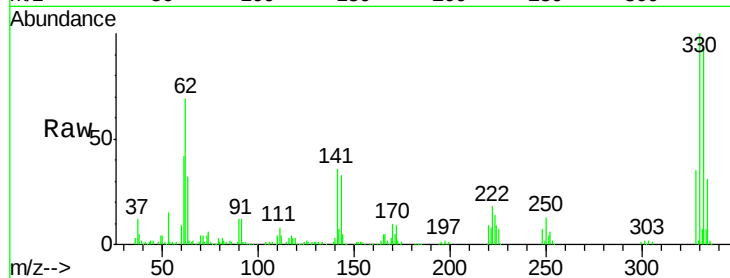




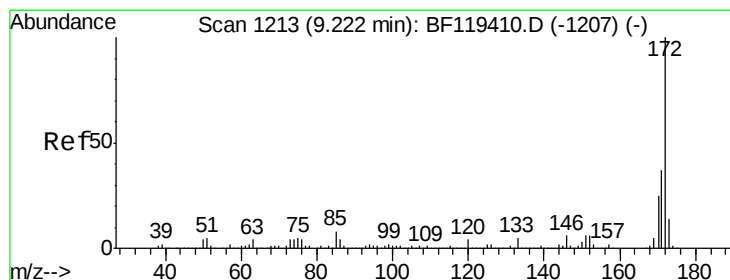
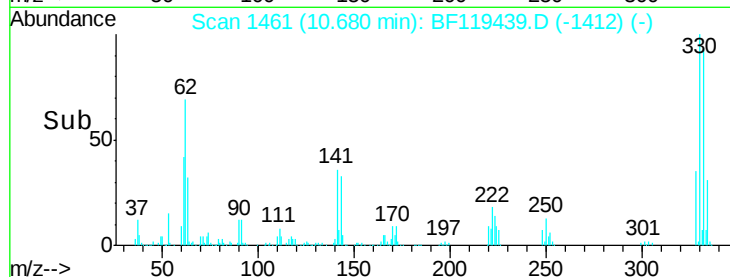
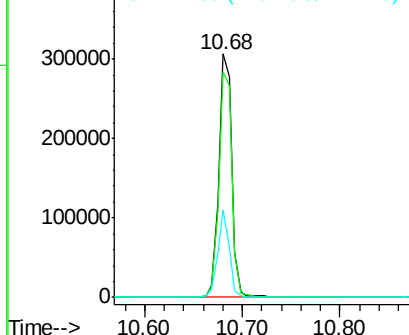
#42
 2,4,6-Tribromophenol
 Concen: 39.00 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119439.D
 Acq: 19 Mar 2020 2:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-SA

Tgt Ion: 330 Resp: 280799
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.6 116.4
 141 32.5 26.6 40.0

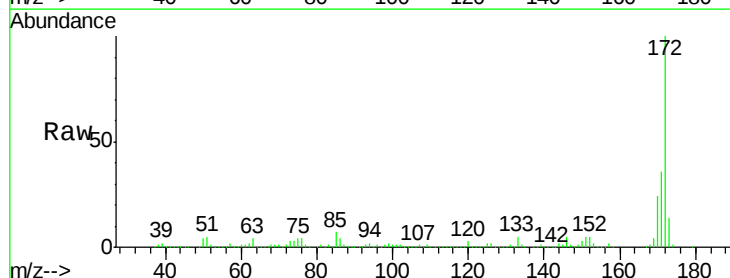


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

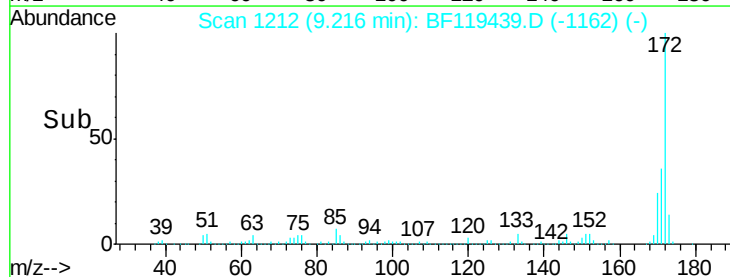
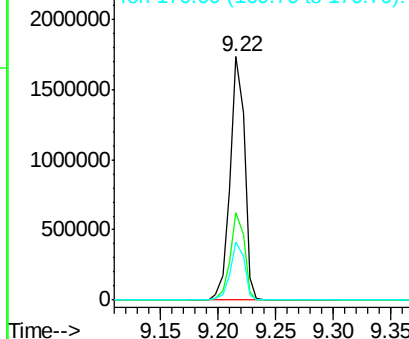


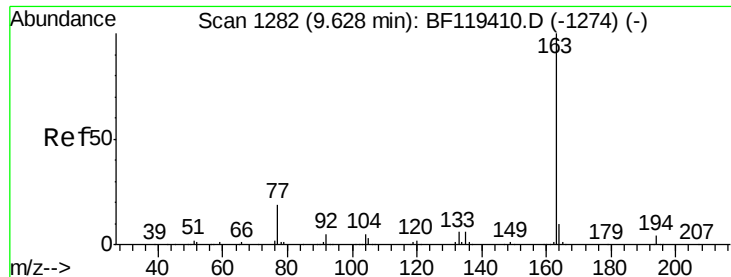
#45
 2-Fluorobiphenyl
 Concen: 31.85 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119439.D
 Acq: 19 Mar 2020 2:44

Tgt Ion: 172 Resp: 1500299
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.9 44.9
 170 24.0 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

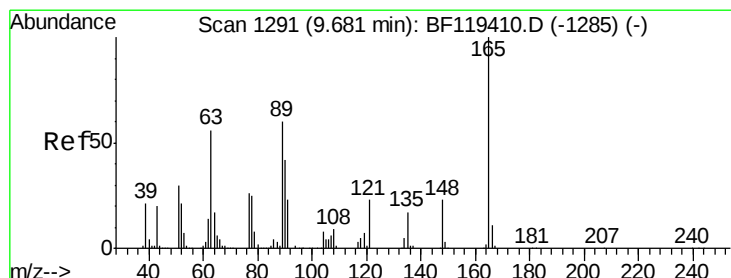
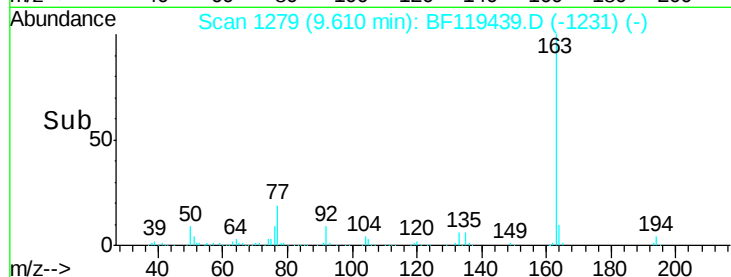
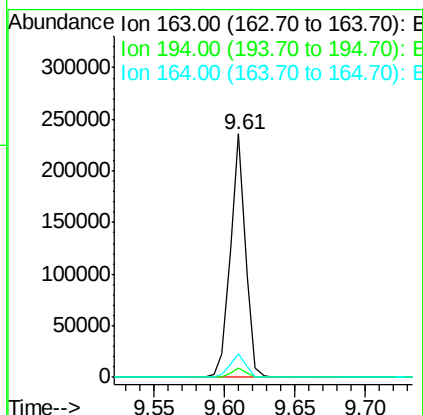
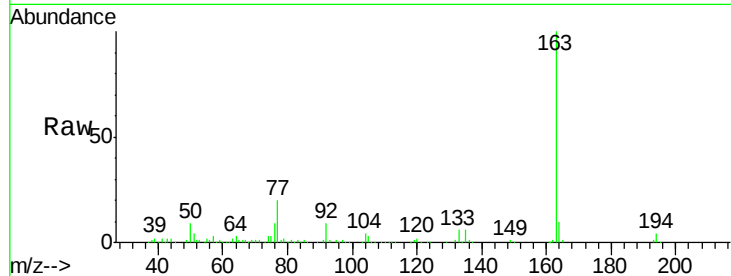




#50
Dimethylphthalate
Concen: 3.55 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF119439.D
Acq: 19 Mar 2020 2:44

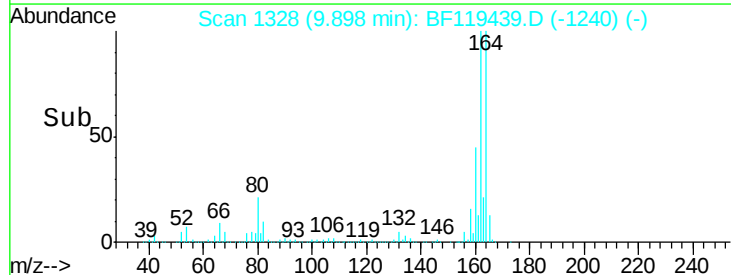
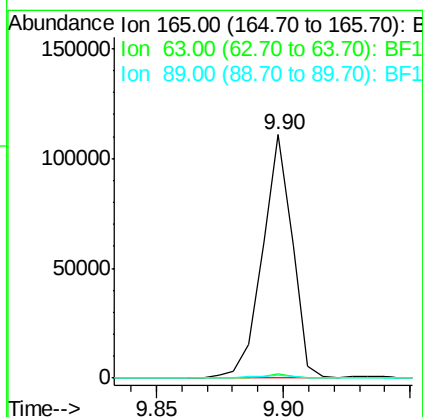
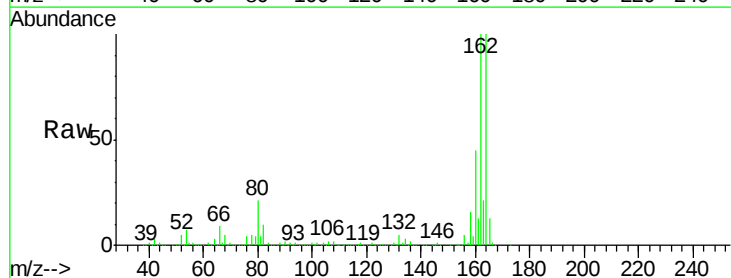
Instrument :
BNA_F
ClientSampleId :
TP-6-SA

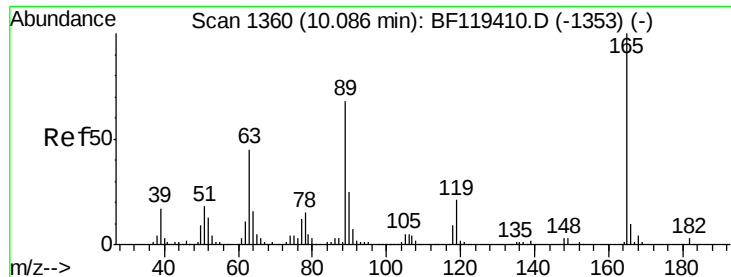
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.6	8.1	12.1



#51
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.22 min
Lab File: BF119439.D
Acq: 19 Mar 2020 2:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	57.3	85.9#
89	1.3	47.8	71.8#

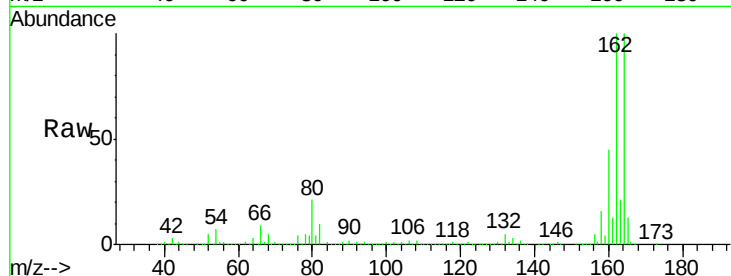




#57
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF119439.D
 Acq: 19 Mar 2020 2:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-SA

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.3	54.3	81.5#
182	0.0	2.0	3.0#

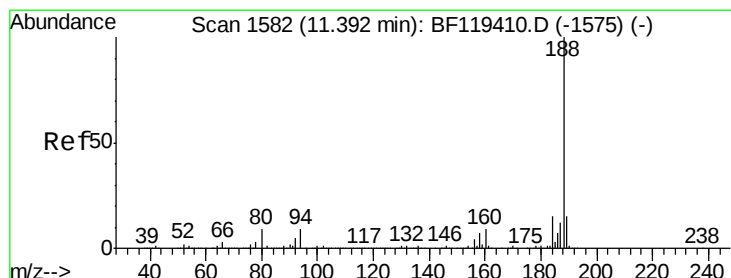
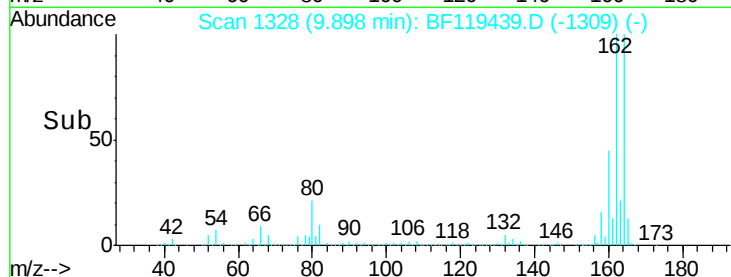
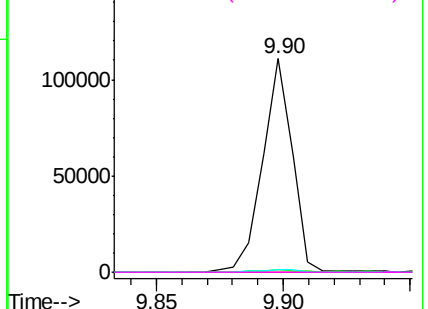


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

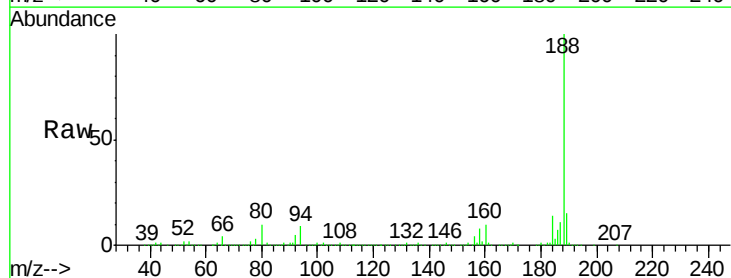
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF119439.D
 Acq: 19 Mar 2020 2:44

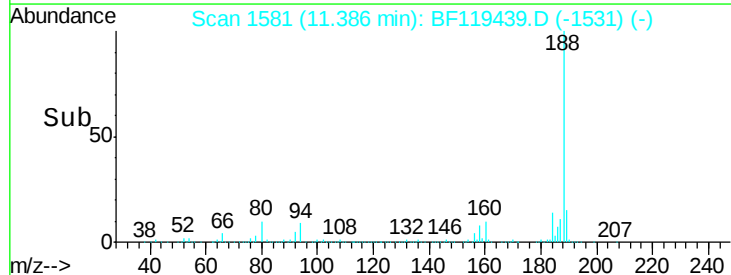
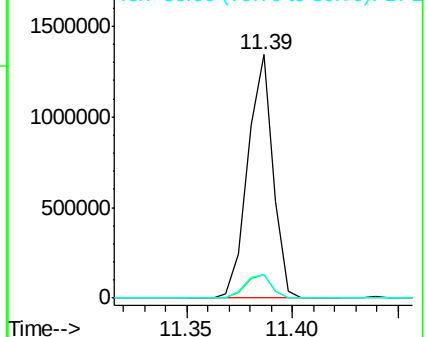
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	9.9	7.5	11.3

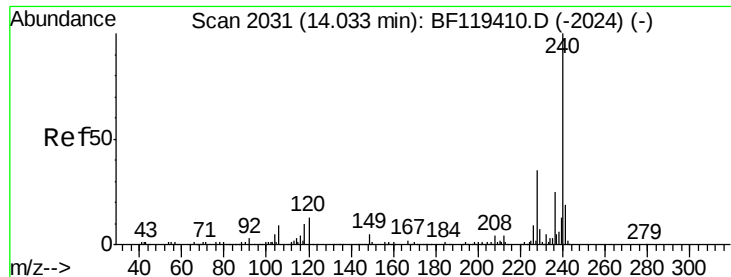


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

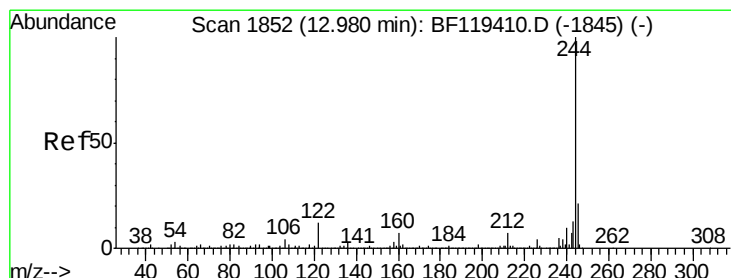
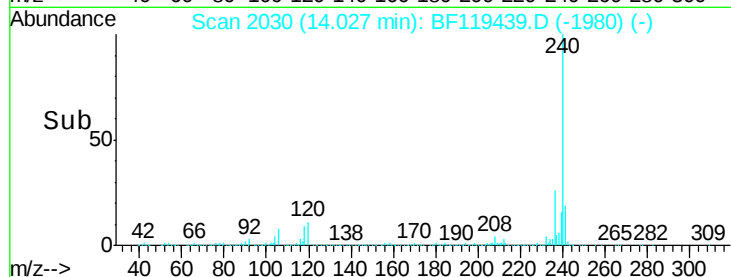
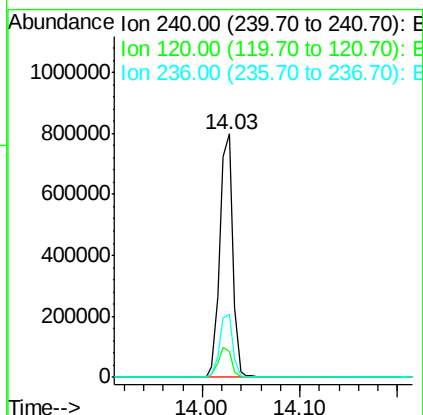
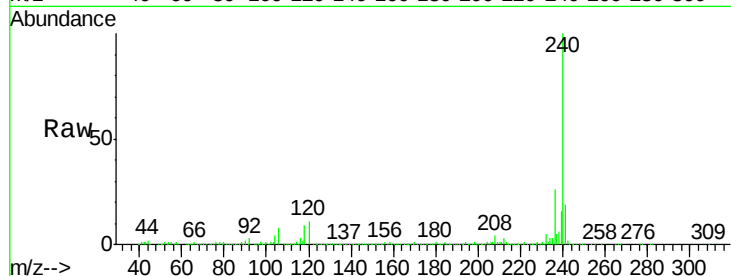




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119439.D
Acq: 19 Mar 2020 2:44

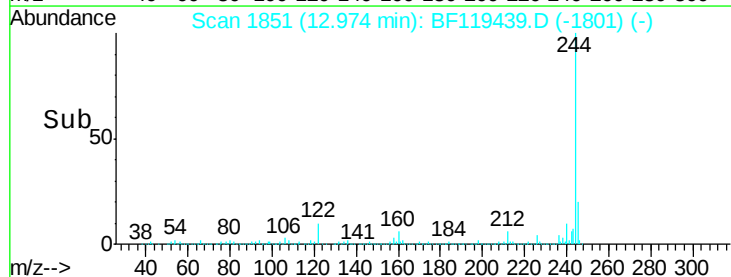
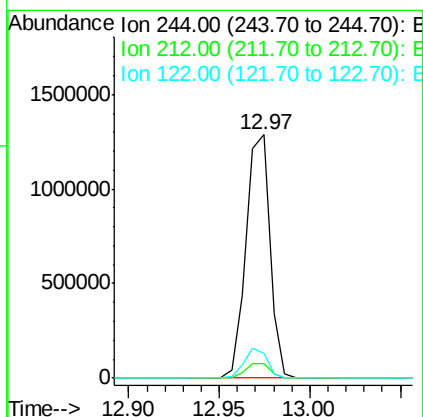
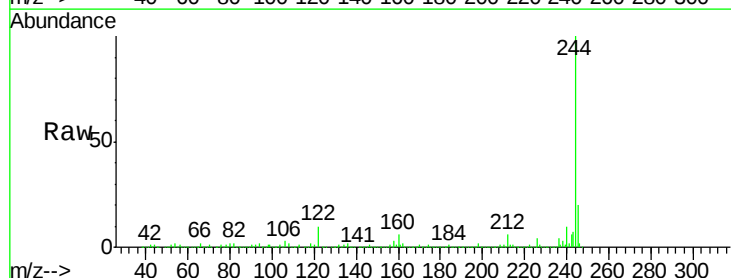
Instrument :
BNA_F
ClientSampleId :
TP-6-SA

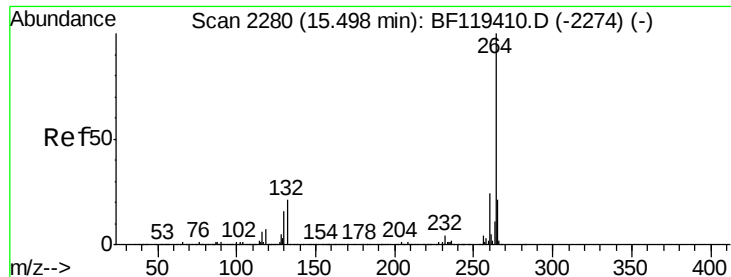
Tgt Ion:240 Resp: 739938
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.1 20.4 30.6



#79
Terphenyl-d14
Concen: 31.36 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119439.D
Acq: 19 Mar 2020 2:44

Tgt Ion:244 Resp: 1184463
Ion Ratio Lower Upper
244 100
212 6.1 5.7 8.5
122 10.1 9.8 14.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119439.D
Acq: 19 Mar 2020 2:44

Instrument :
BNA_F
ClientSampleId :
TP-6-SA

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.9	25.3

