

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119597.D
 Acq On : 28 Mar 2020 5:33
 Operator : CG/JU
 Sample : L2043-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Quant Time: Mar 28 07:56:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

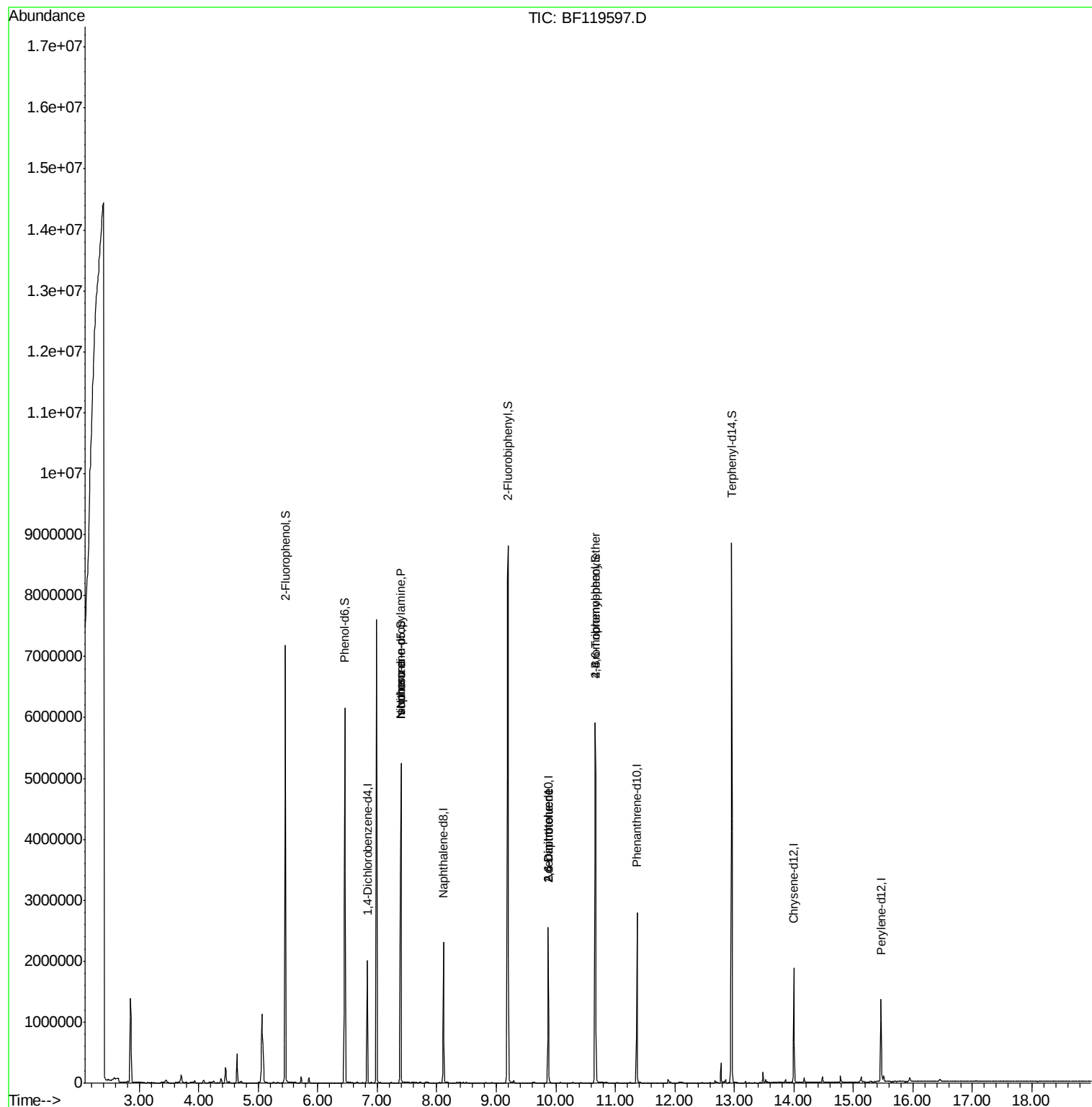
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	286733	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1063591	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	531291	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1029248	20.00	ng	0.00
76) Chrysene-d12	14.00	240	659531	20.00	ng	-0.01
87) Perylene-d12	15.46	264	628048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2132278	118.38	ng	0.02
7) Phenol-d6	6.46	99	2304243	100.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	1942862	99.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	807973	147.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3248736	90.59	ng	0.00
79) Terphenyl-d14	12.96	244	3452085	102.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	259207	18.69	ng	# 75
25) Isophorone	7.40	82	1927118	48.54	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	67379	8.33	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	67379	6.61	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	48911	4.17	ng	# 1

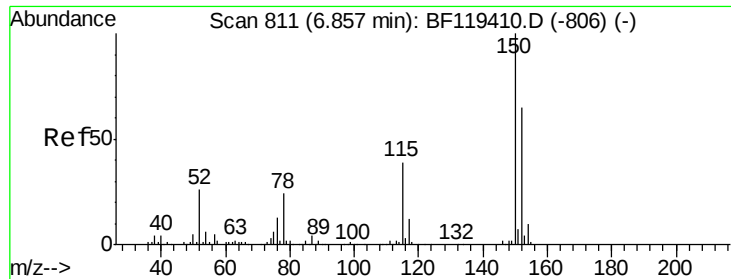
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Instrument :

BNA_F

ClientSampleId :

TP-2A

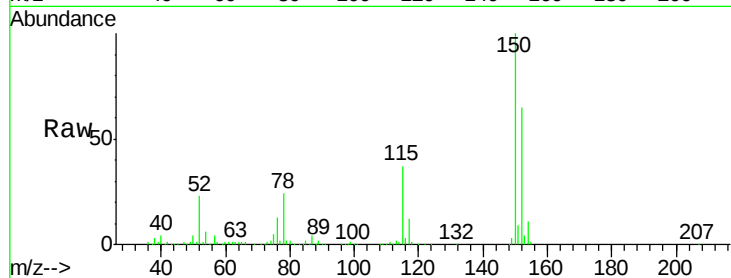
Tgt Ion:152 Resp: 286733

Ion Ratio Lower Upper

152 100

150 153.6 124.5 186.7

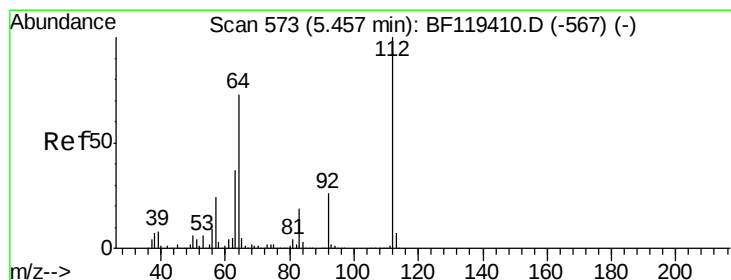
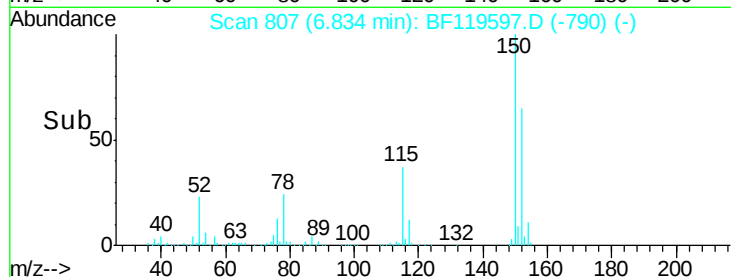
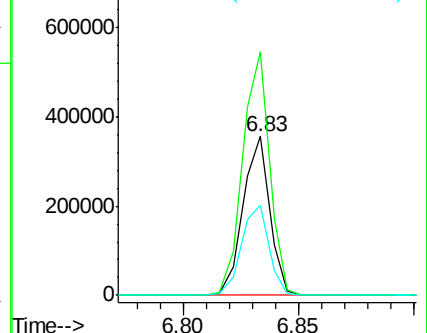
115 56.6 49.6 74.4



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: 118.38 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

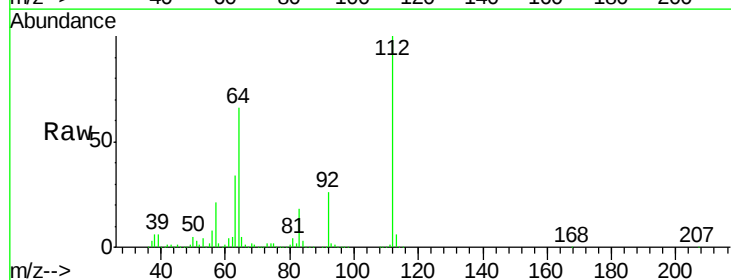
Tgt Ion:112 Resp: 2132278

Ion Ratio Lower Upper

112 100

64 66.0 56.7 85.1

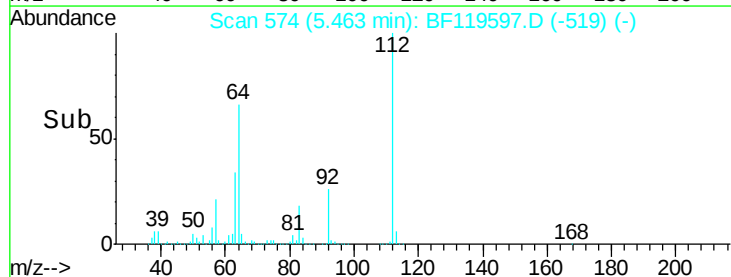
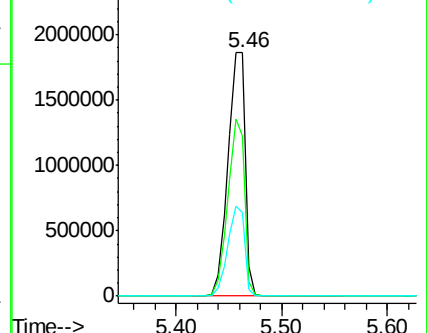
63 34.3 29.5 44.3

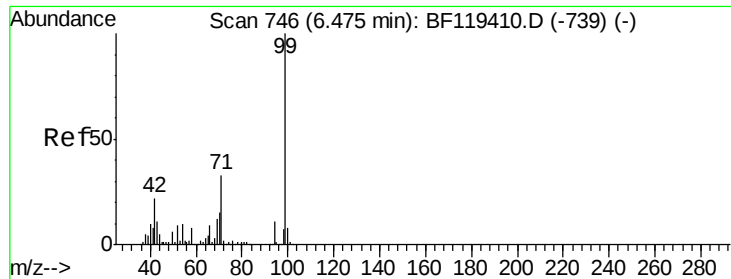


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.15 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Instrument :

BNA_F

ClientSampled :

TP-2A

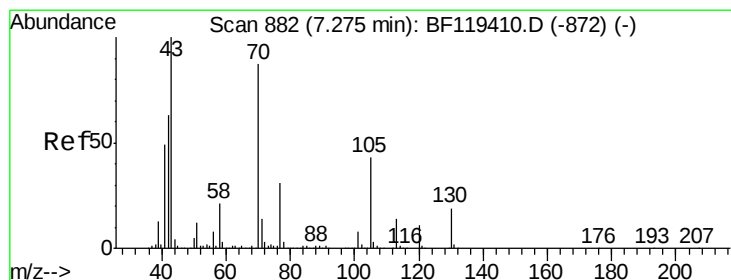
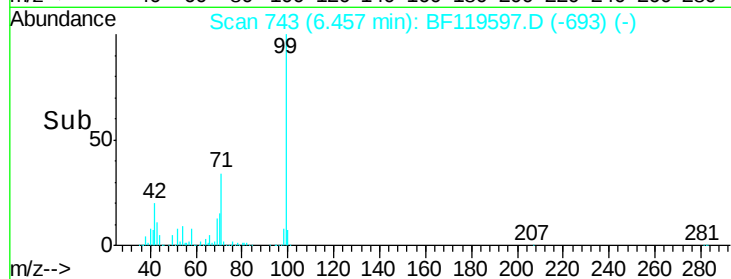
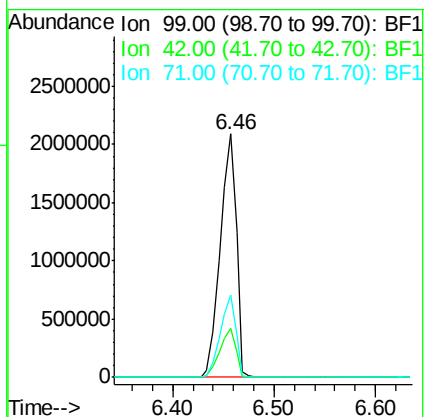
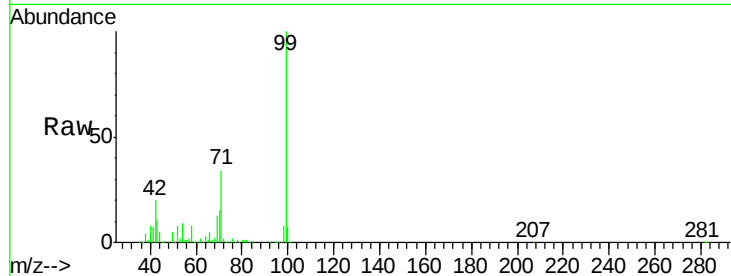
Tgt Ion: 99 Resp: 2304243

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.69 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Tgt Ion: 70 Resp: 259207

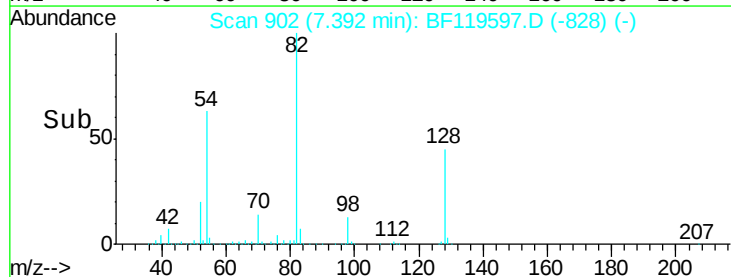
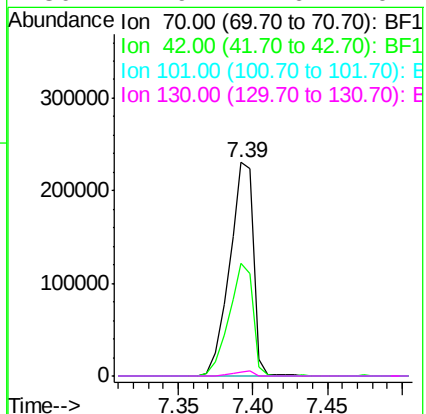
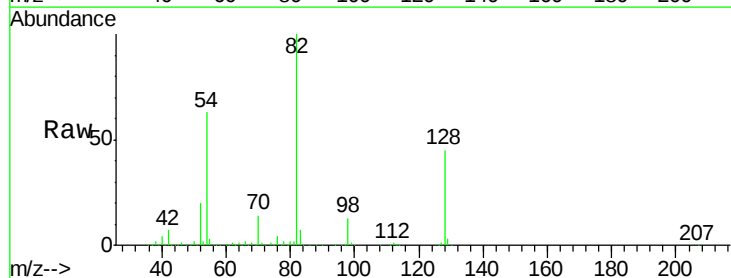
Ion Ratio Lower Upper

70 100

42 52.6 54.5 81.7#

101 0.0 7.6 11.4#

130 1.9 17.6 26.4#



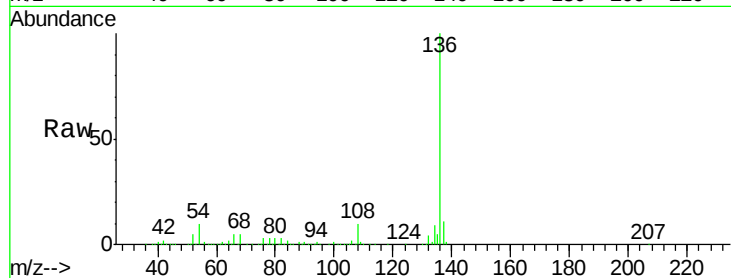


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

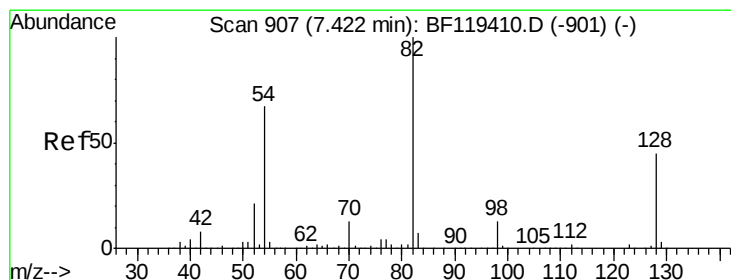
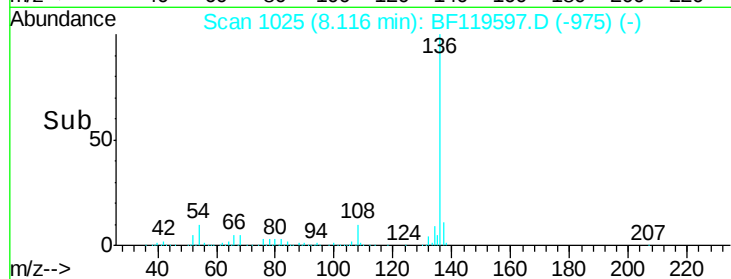
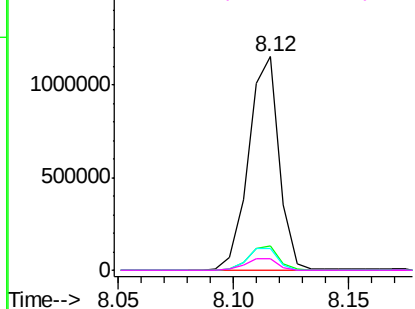
Instrument :
BNA_F
ClientSampleId :
TP-2A

Tgt Ion: 136 Resp: 1063591

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.0	9.1	13.7
68	5.4	4.6	6.8



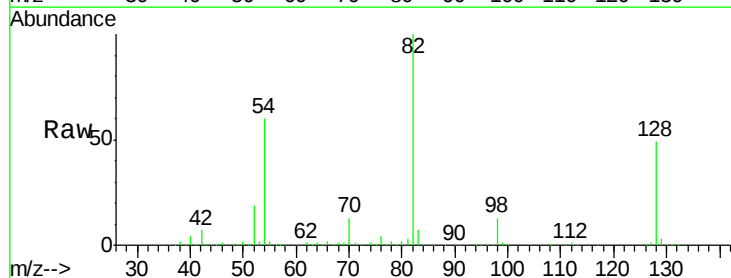
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



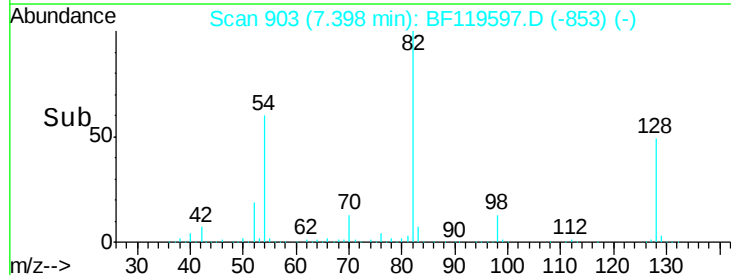
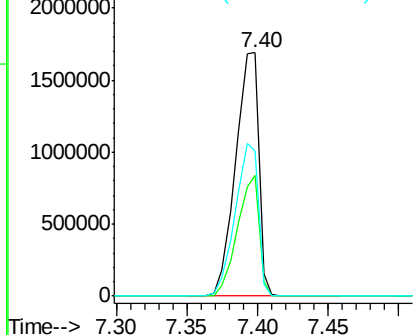
#23
Nitrobenzene-d5
Concen: 99.28 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

Tgt Ion: 82 Resp: 1942862

Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.3	54.5
54	59.8	50.6	75.8



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: 48.54 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Instrument :

BNA_F

ClientSampled :

TP-2A

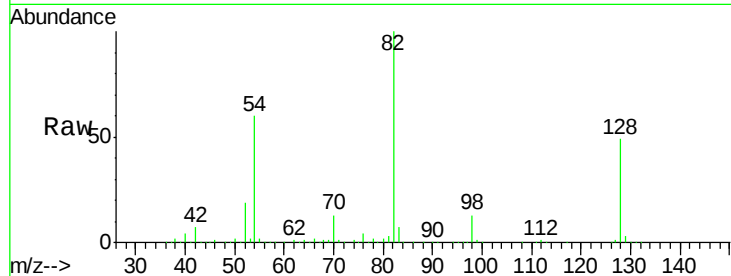
Tgt Ion: 82 Resp: 1927118

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

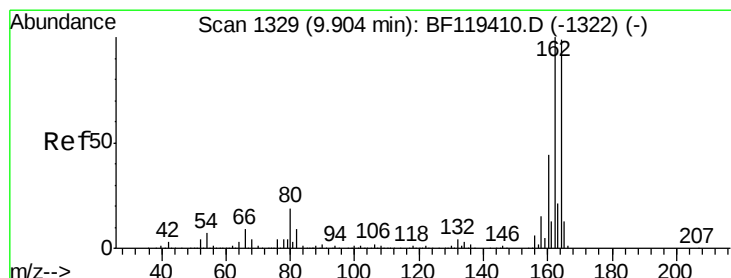
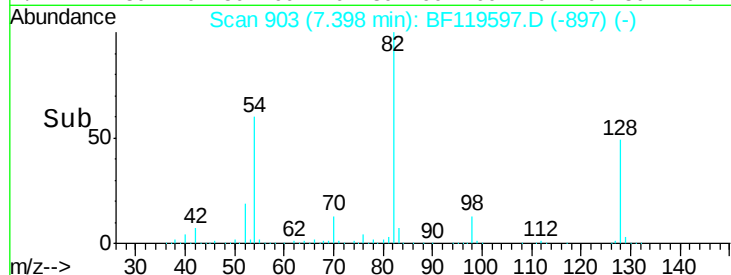
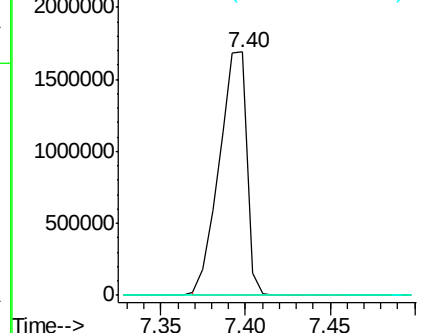
138 0.0 14.6 21.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

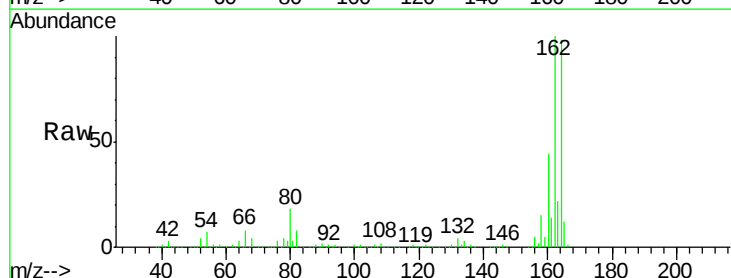
Tgt Ion: 164 Resp: 531291

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

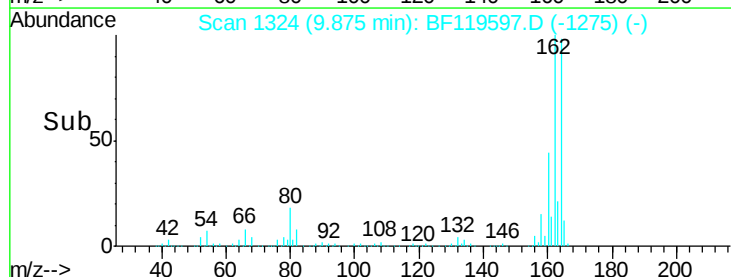
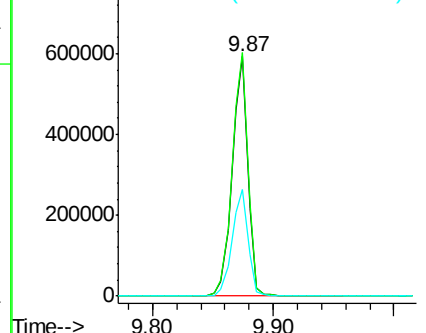
160 44.7 35.7 53.5

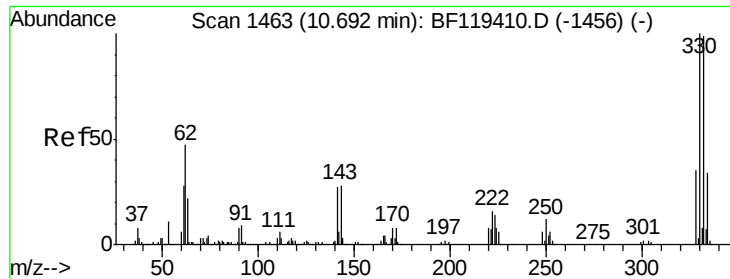


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

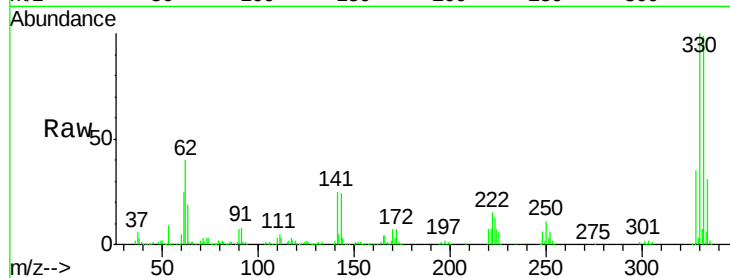




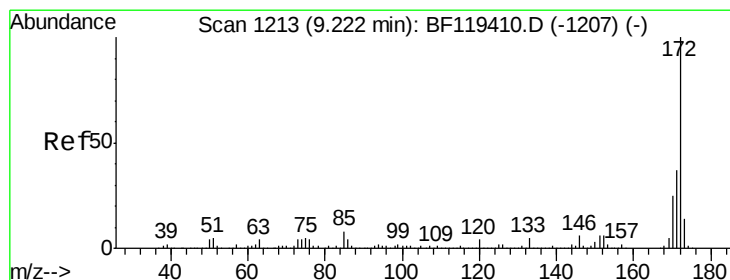
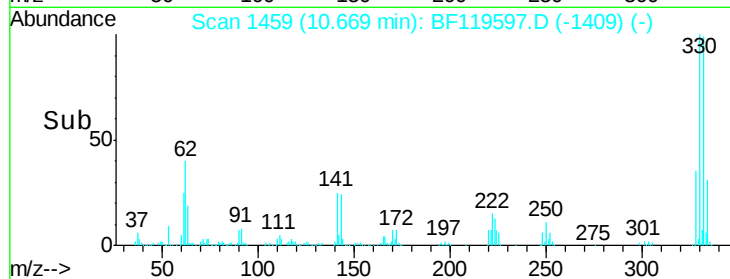
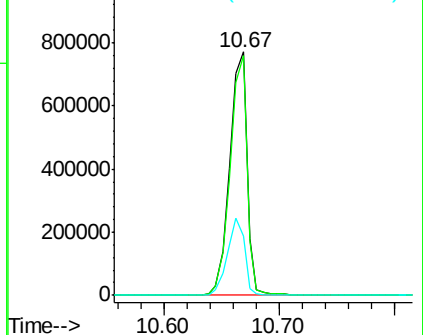
#42
 2,4,6-Tribromophenol
 Concen: 147.41 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119597.D
 Acq: 28 Mar 2020 5:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Tgt Ion:330 Resp: 807973
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 31.6 25.4 38.0

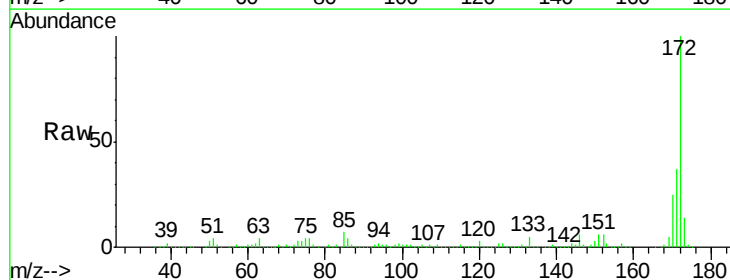


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

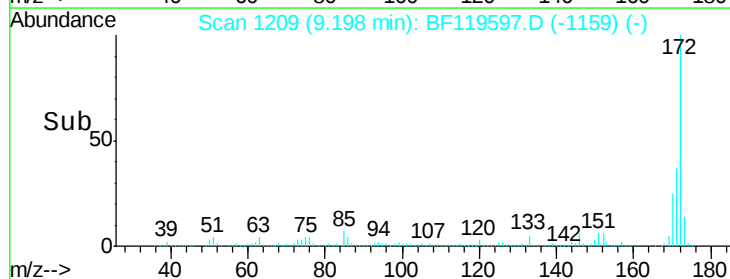
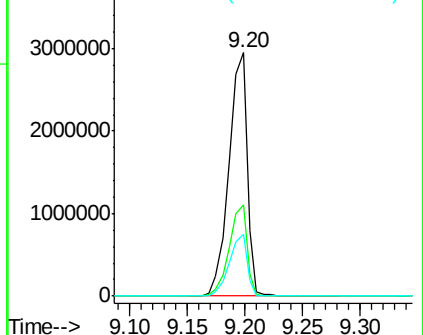


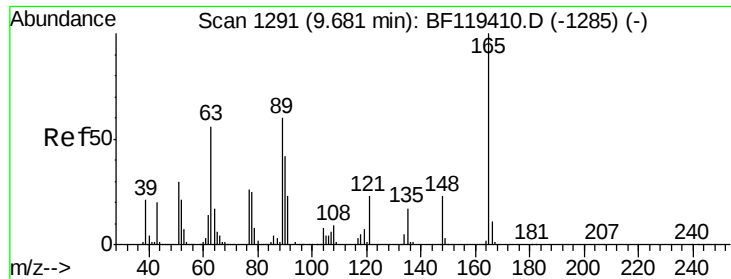
#45
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119597.D
 Acq: 28 Mar 2020 5:33

Tgt Ion:172 Resp: 3248736
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 25.2 20.2 30.2



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

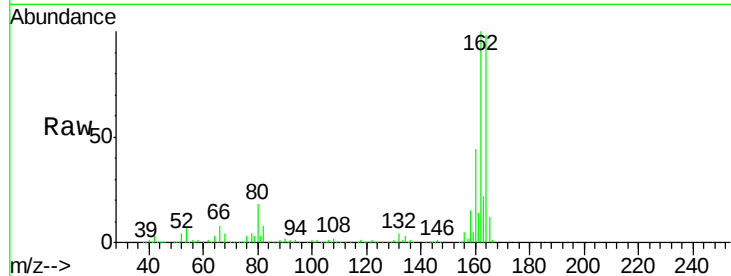




#51
 2,6-Dinitrotoluene
 Concen: 8.33 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119597.D
 Acq: 28 Mar 2020 5:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

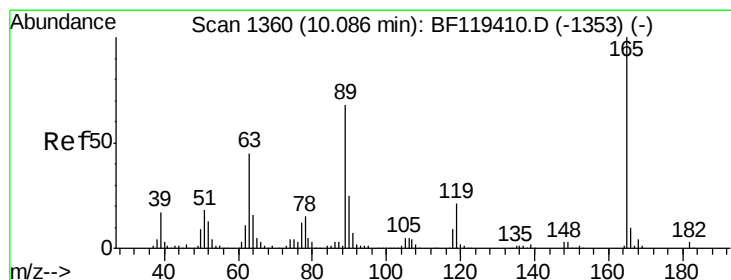
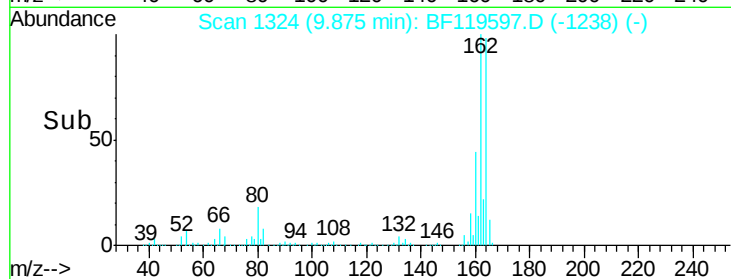
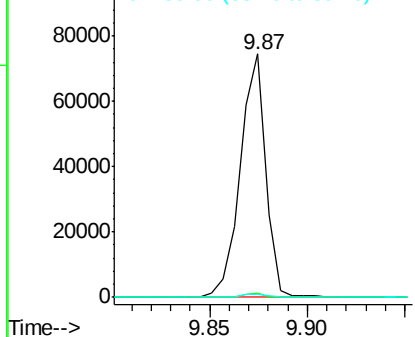
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.3	41.5	62.3#



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: 6.61 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119597.D
 Acq: 28 Mar 2020 5:33

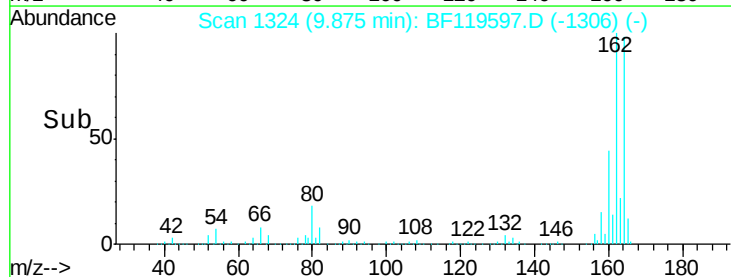
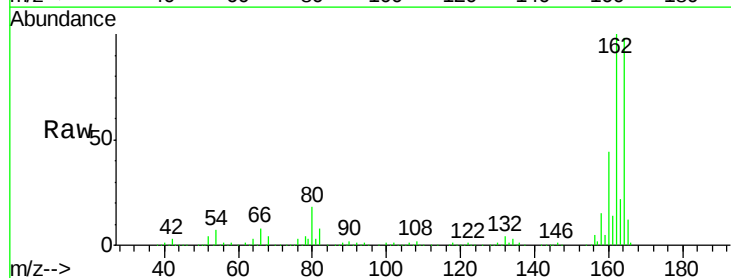
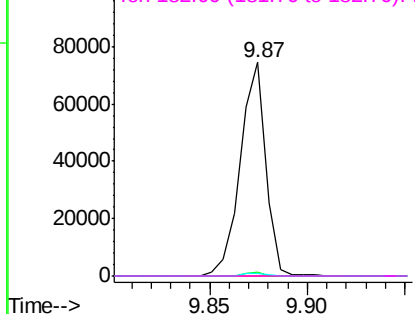
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Instrument :

BNA_F

ClientSampleId :

TP-2A

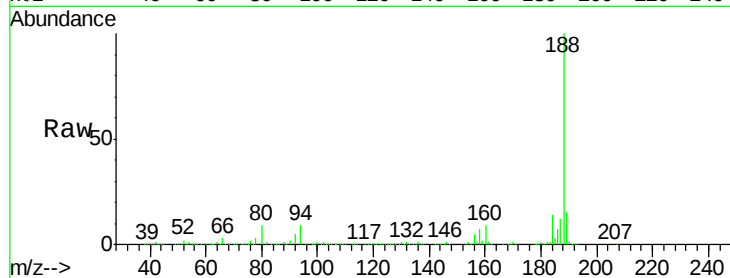
Tgt Ion:188 Resp: 1029248

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

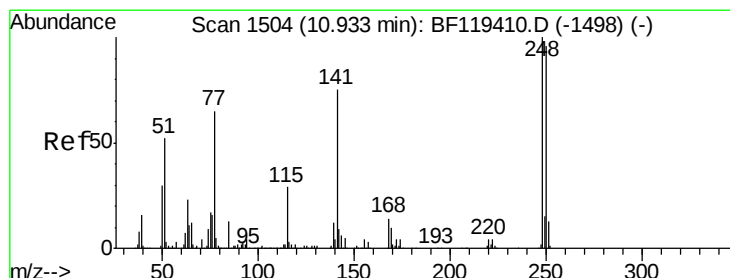
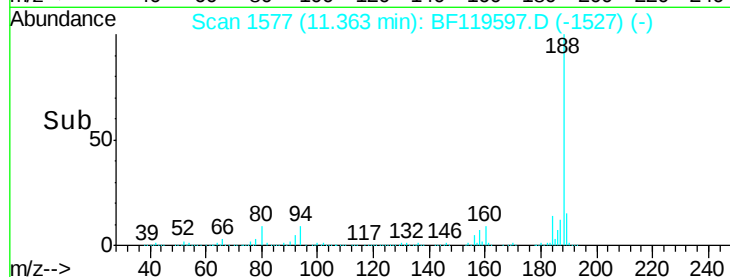
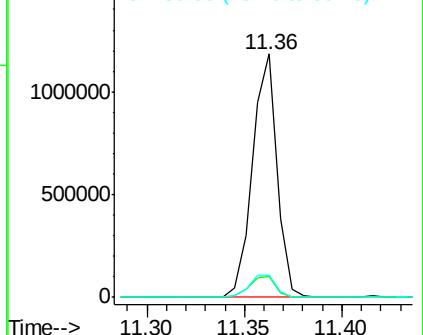
80 9.3 9.0 13.4



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: 4.17 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

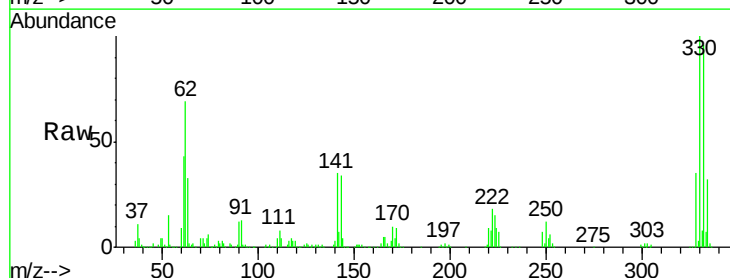
Tgt Ion:248 Resp: 48911

Ion Ratio Lower Upper

248 100

250 185.9 77.3 115.9#

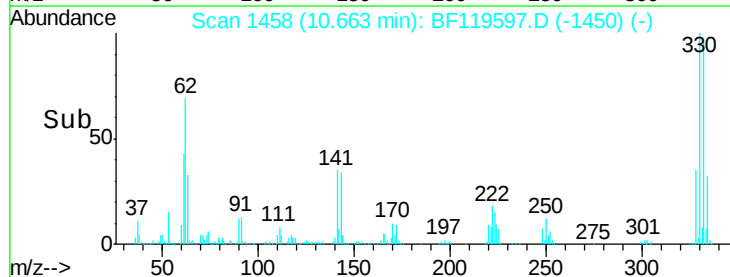
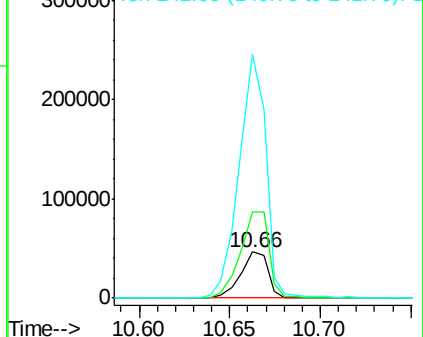
141 527.4 58.6 87.8#

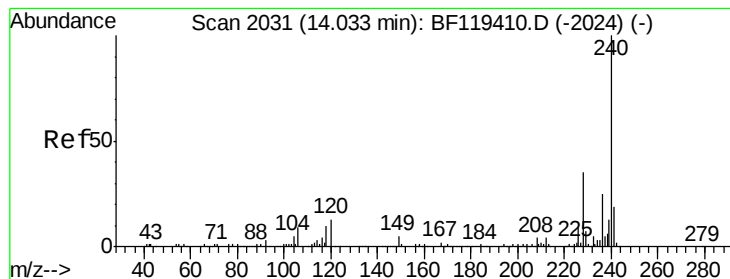


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

Instrument :

BNA_F

ClientSampleId :

TP-2A

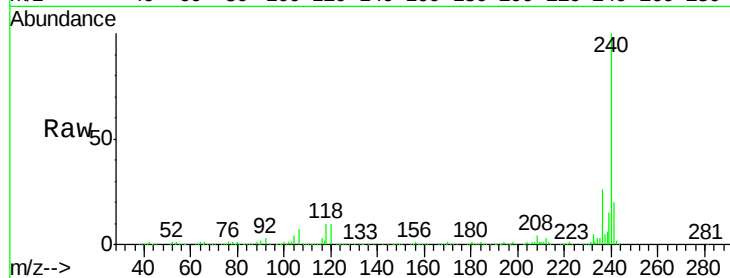
Tgt Ion:240 Resp: 659531

Ion Ratio Lower Upper

240 100

120 10.2 10.6 15.8#

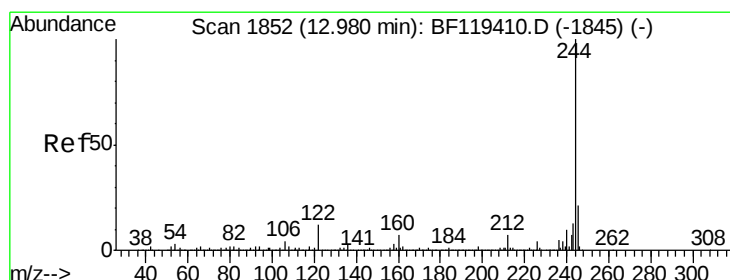
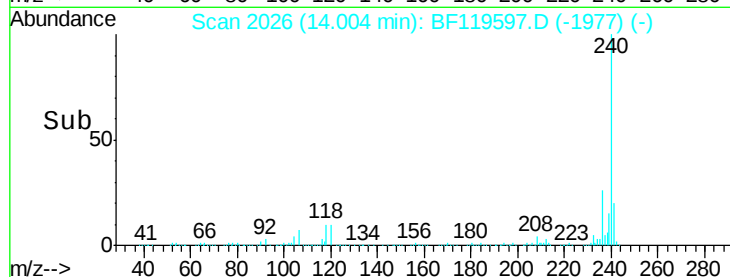
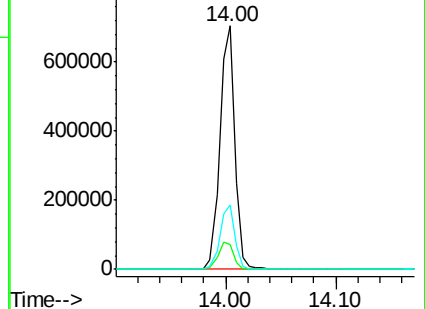
236 26.2 20.2 30.2



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: 102.55 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119597.D

Acq: 28 Mar 2020 5:33

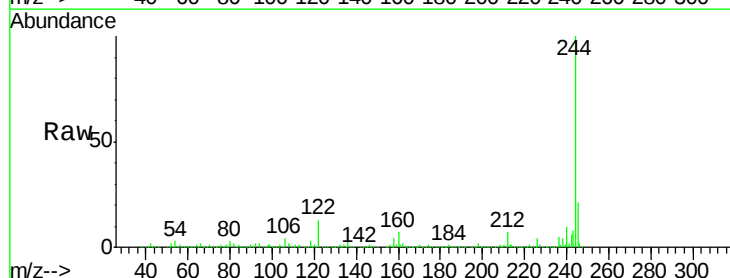
Tgt Ion:244 Resp: 3452085

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

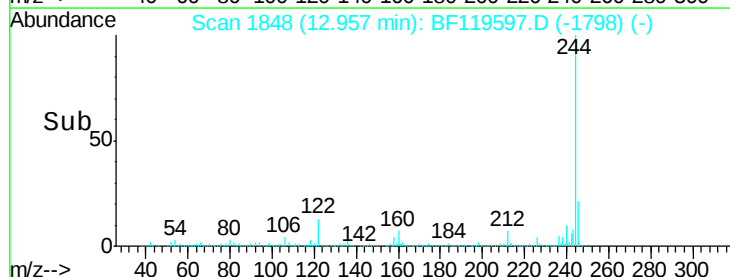
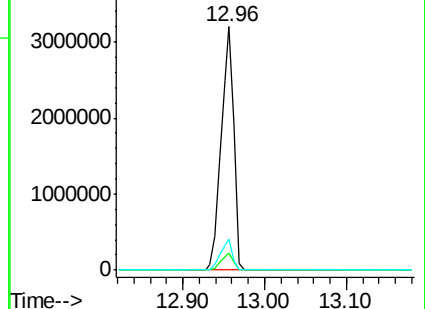
122 13.0 10.3 15.5

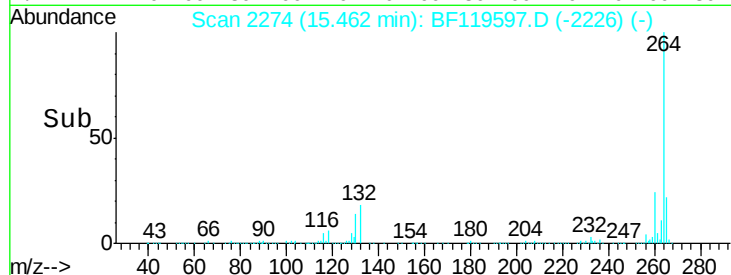
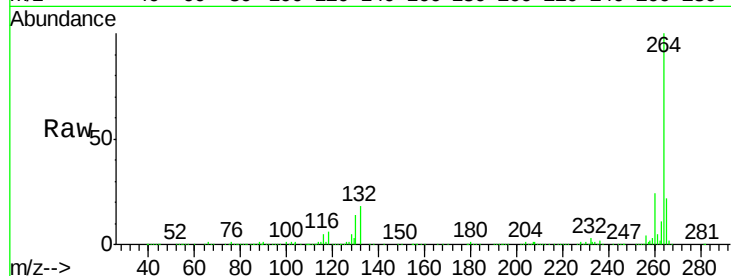
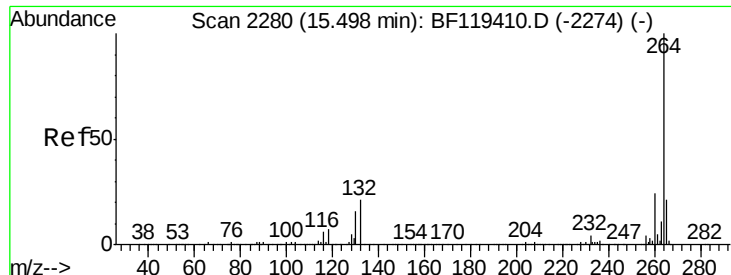


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119597.D
Acq: 28 Mar 2020 5:33

Instrument :
BNA_F
ClientSampleId :
TP-2A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	17.7	26.5

