

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119592.D
 Acq On : 28 Mar 2020 3:19
 Operator : CG/JU
 Sample : L2049-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(10-12)

Quant Time: Mar 28 07:55:27 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

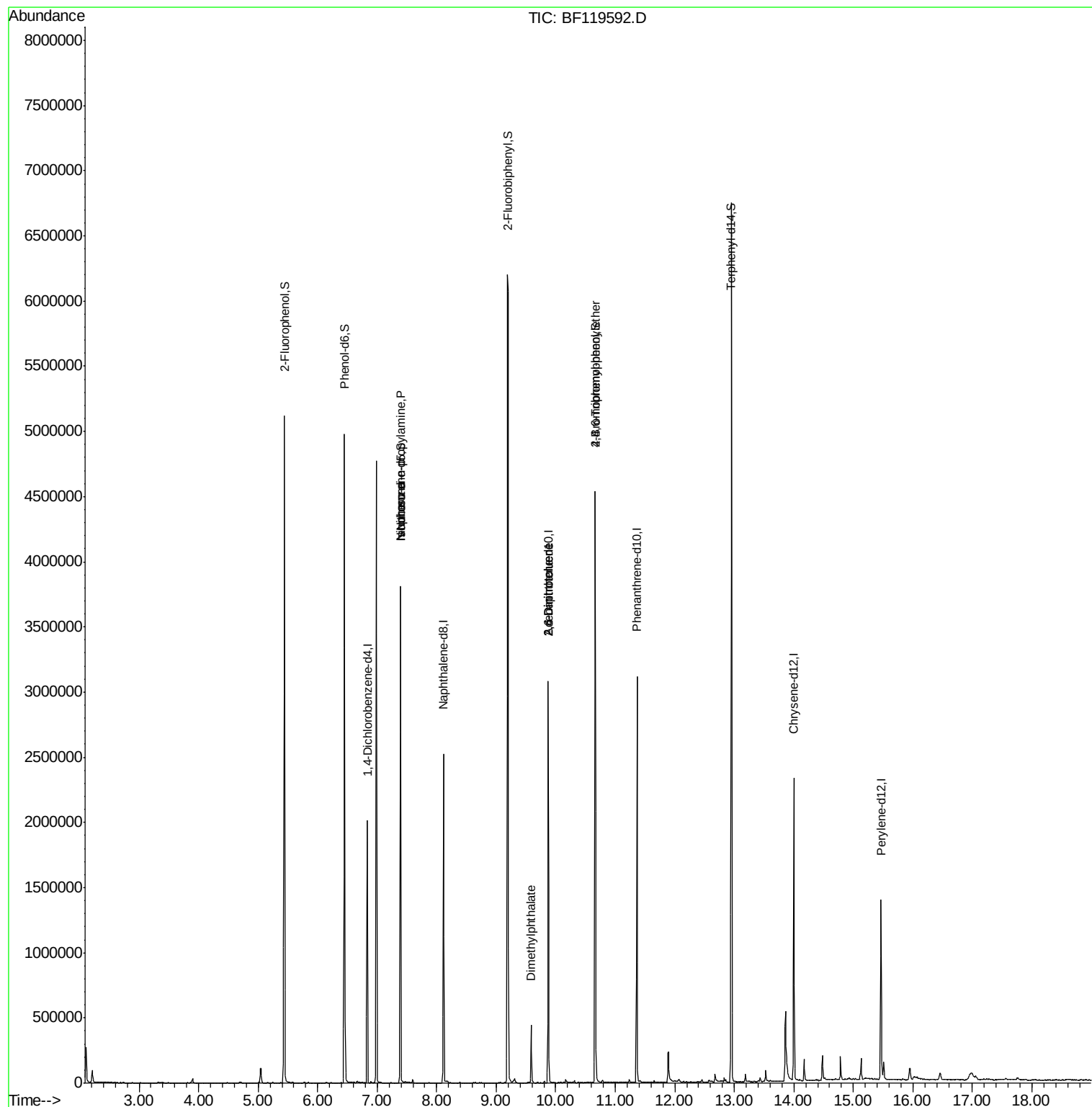
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	298370	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1058672	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	577037	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1118544	20.00	ng	0.00
76) Chrysene-d12	14.00	240	800496	20.00	ng	-0.01
87) Perylene-d12	15.46	264	644173	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1419052	75.71	ng	0.00
7) Phenol-d6	6.45	99	1855918	77.51	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1111682	57.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	522632	87.79	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2138876	54.91	ng	0.00
79) Terphenyl-d14	12.95	244	2391223	58.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	146993	10.19	ng	# 75
25) Isophorone	7.39	82	1101749	27.88	ng	# 65
50) Dimethylphthalate	9.59	163	164606	4.02	ng	99
51) 2,6-Dinitrotoluene	9.87	165	74169	8.44	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	74169	6.70	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	32743	2.57	ng	# 1

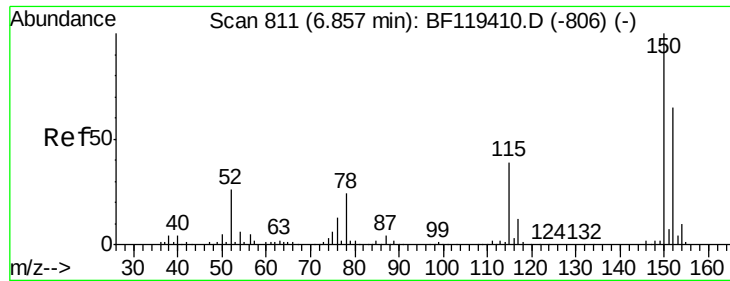
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119592.D
Acq On : 28 Mar 2020 3:19
Operator : CG/JU
Sample : L2049-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(10-12)

Quant Time: Mar 28 07:55:27 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

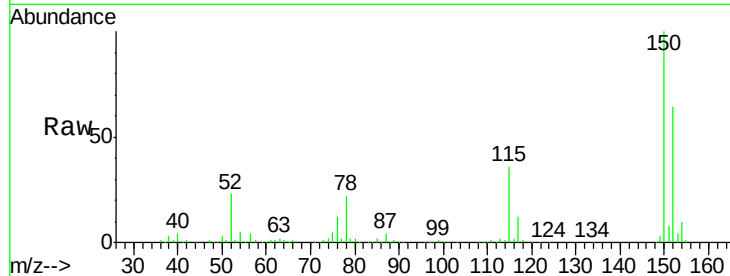




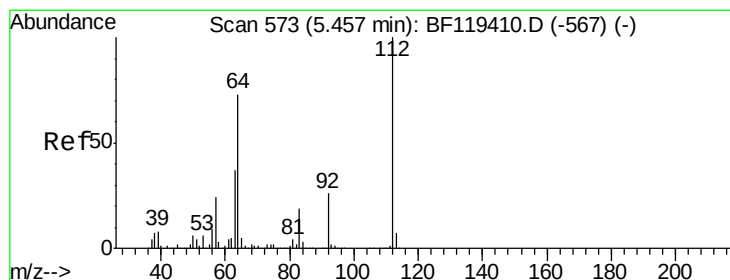
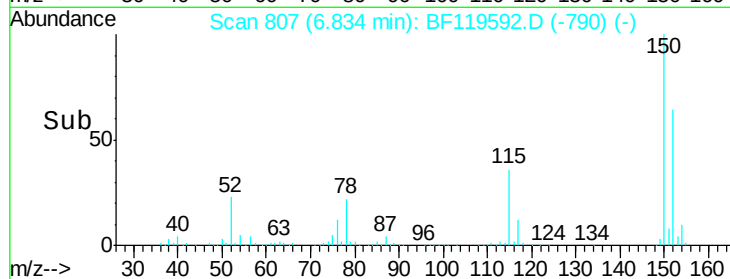
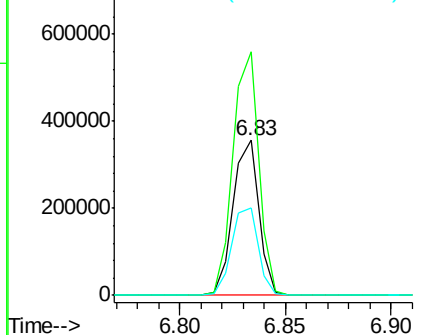
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF119592.D
 Acq: 28 Mar 2020 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(10-12)

Tgt Ion:152 Resp: 298370
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.5 186.7
 115 56.7 49.6 74.4

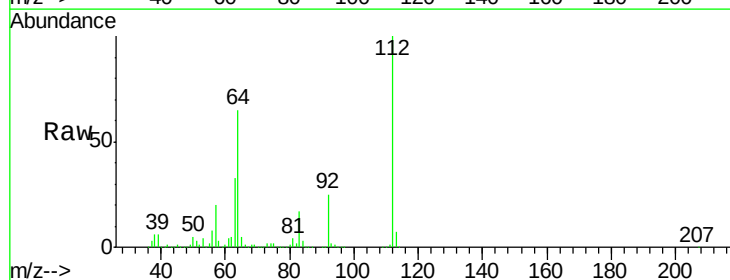


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

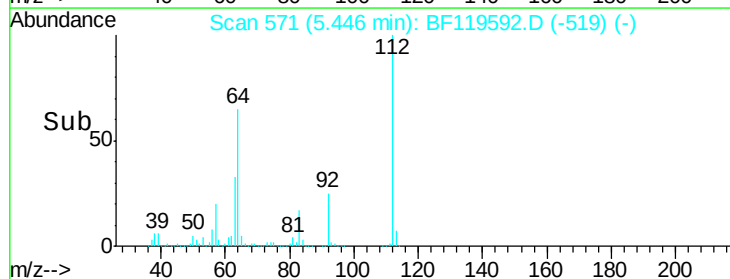
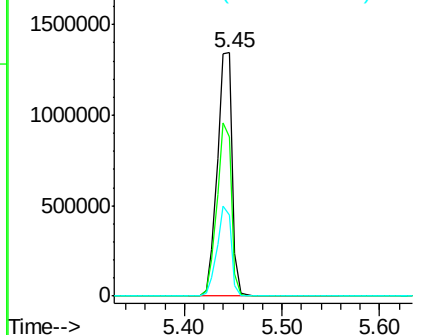


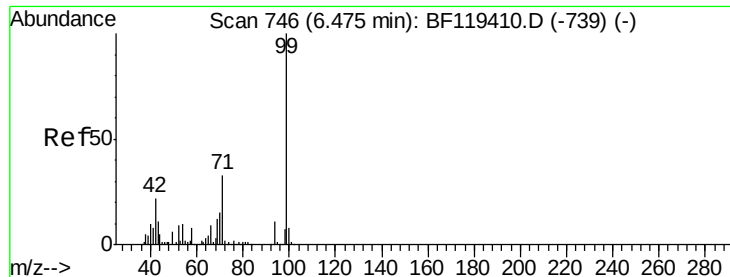
#5
 2-Fluorophenol
 Concen: 75.71 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119592.D
 Acq: 28 Mar 2020 3:19

Tgt Ion:112 Resp: 1419052
 Ion Ratio Lower Upper
 112 100
 64 65.3 56.7 85.1
 63 33.4 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: 77.51 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

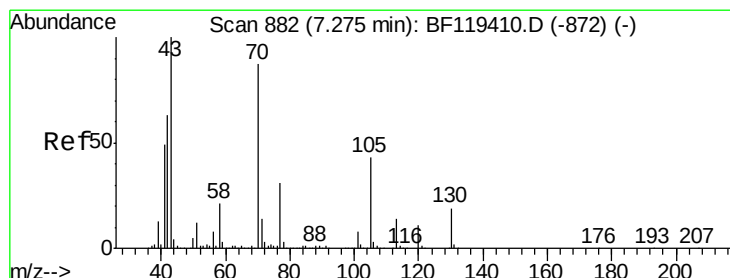
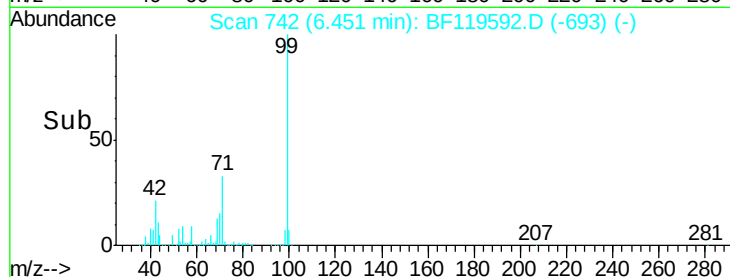
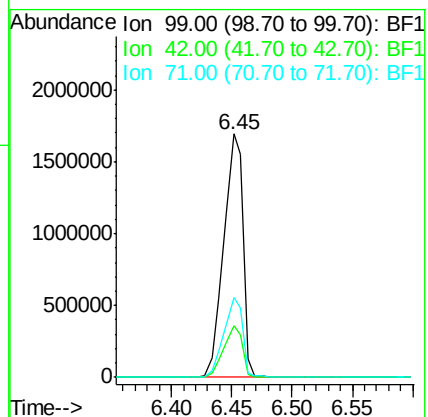
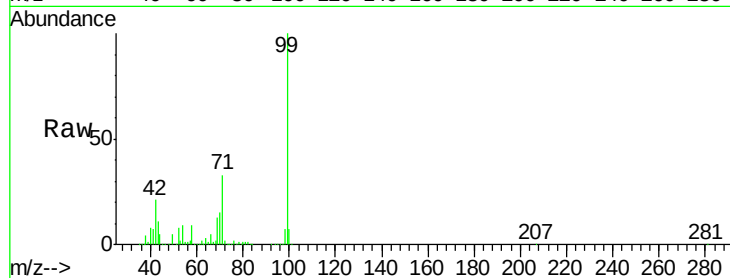
Tgt Ion: 99 Resp: 1855918

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

71 32.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.19 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Tgt Ion: 70 Resp: 146993

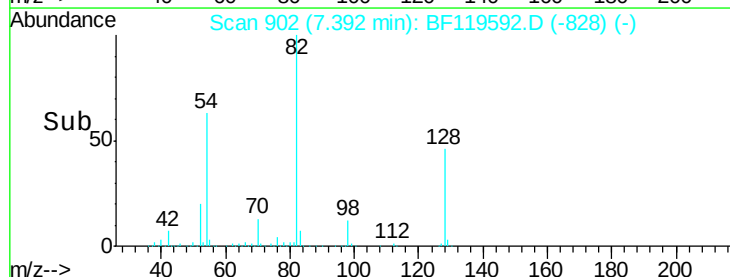
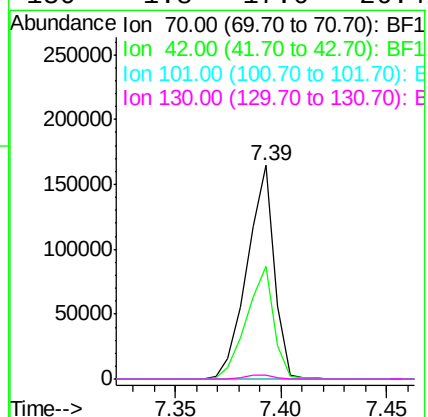
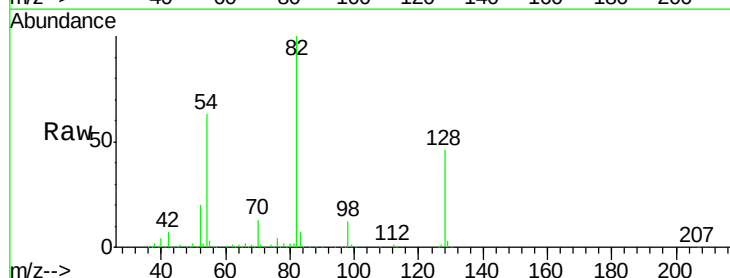
Ion Ratio Lower Upper

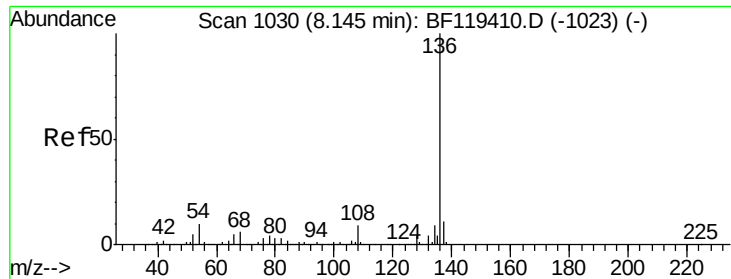
70 100

42 52.6 54.5 81.7#

101 0.0 7.6 11.4#

130 1.8 17.6 26.4#

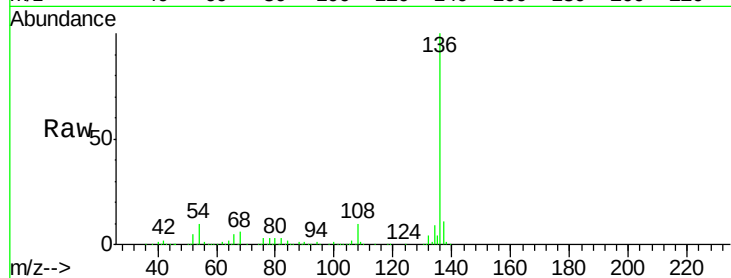




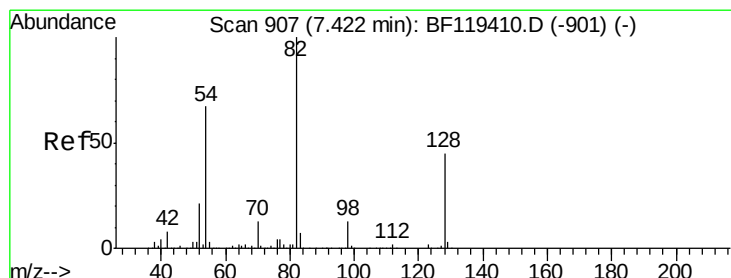
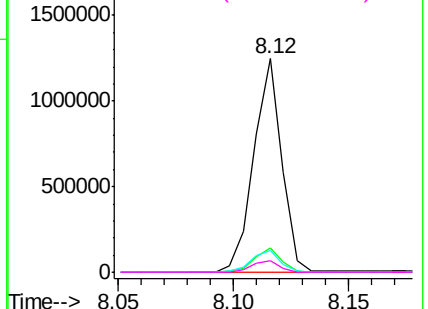
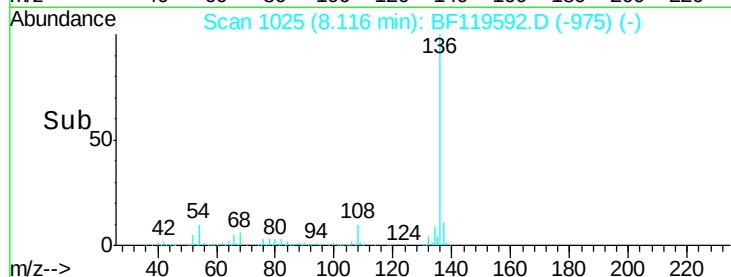
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119592.D
Acq: 28 Mar 2020 3:19

Instrument :
BNA_F
ClientSampleId :
SB-4-(10-12)

Tgt Ion:136 Resp: 1058672
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.5 9.1 13.7
68 5.6 4.6 6.8

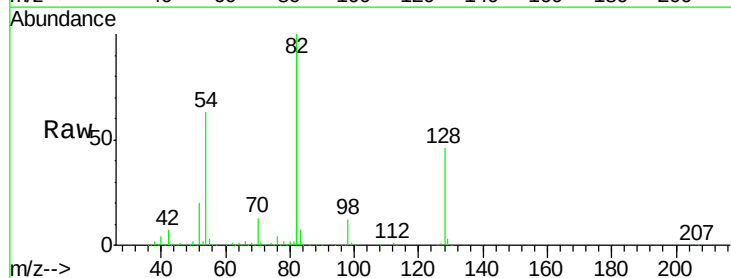


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

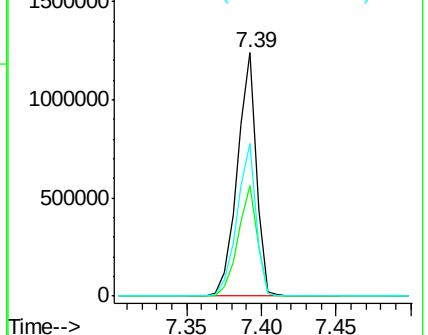
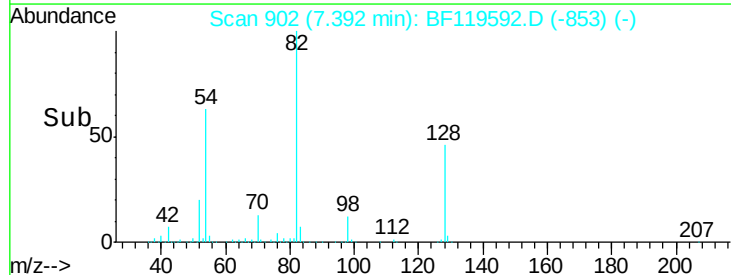


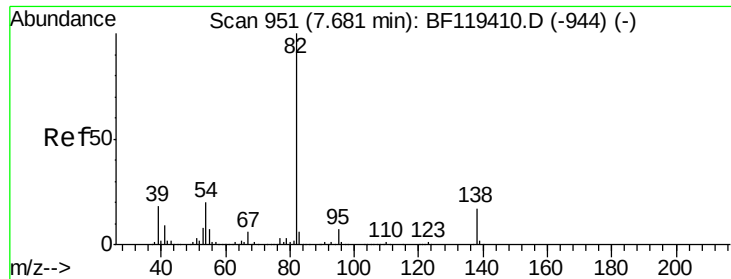
#23
Nitrobenzene-d5
Concen: 57.07 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119592.D
Acq: 28 Mar 2020 3:19

Tgt Ion: 82 Resp: 1111682
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 62.7 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: 27.88 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

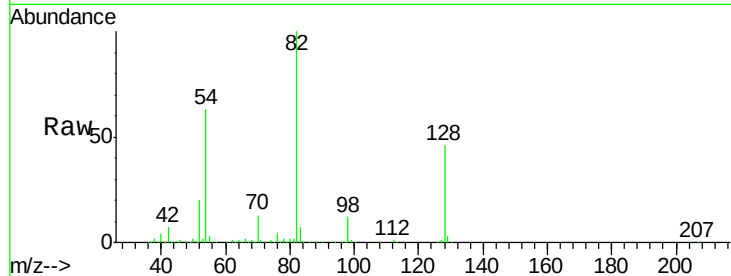
Tgt Ion: 82 Resp: 1101749

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

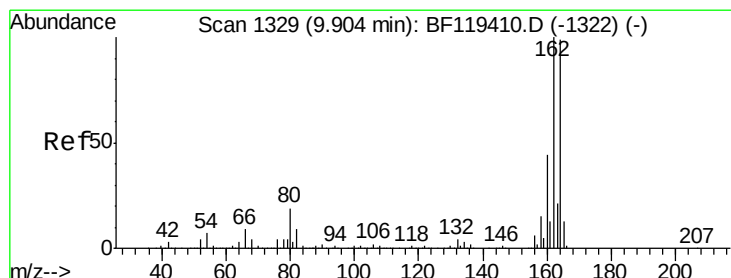
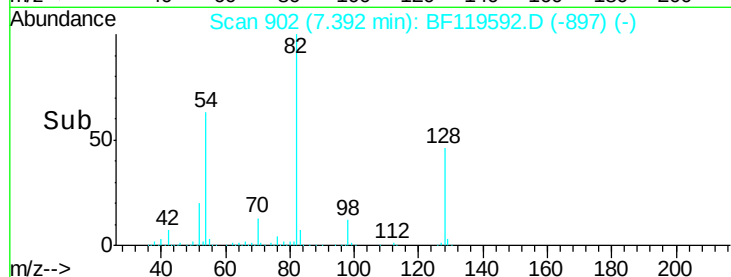
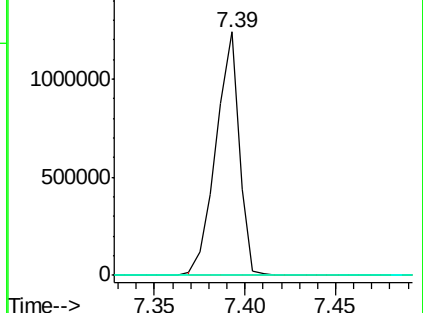
138 0.0 14.6 21.8#



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: BF119592.D

Acq: 28 Mar 2020 3:19

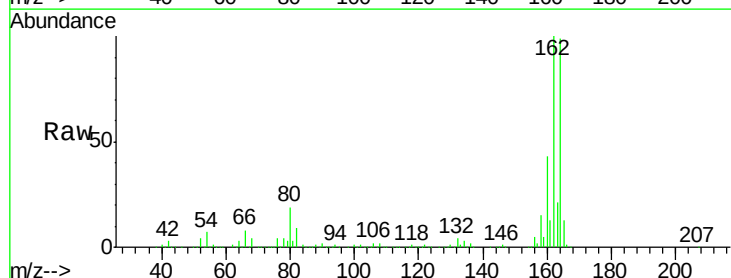
Tgt Ion: 164 Resp: 577037

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

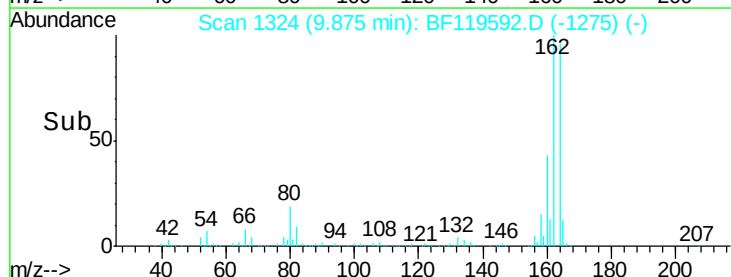
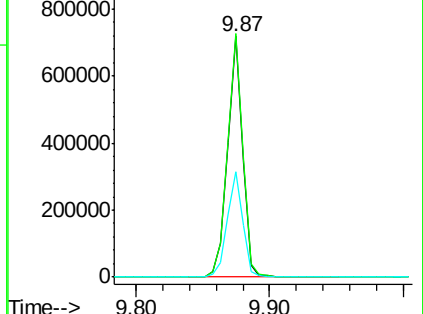
160 43.6 35.7 53.5

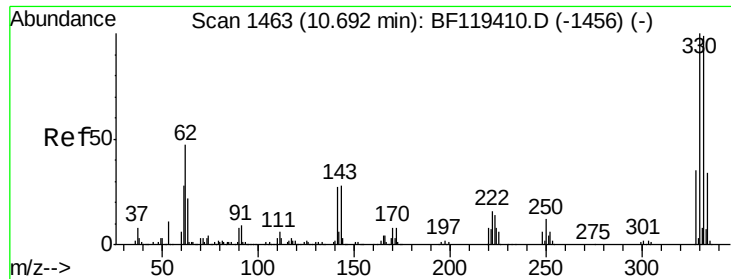


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

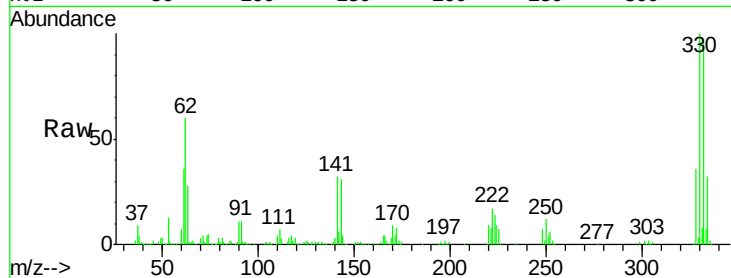




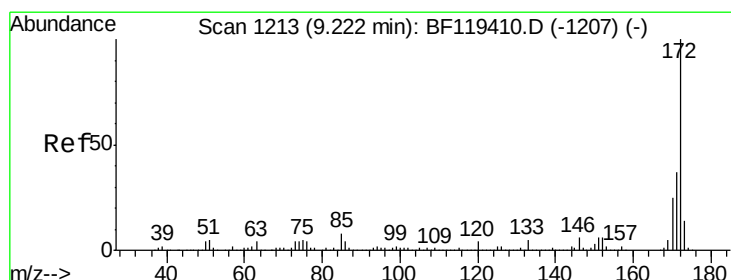
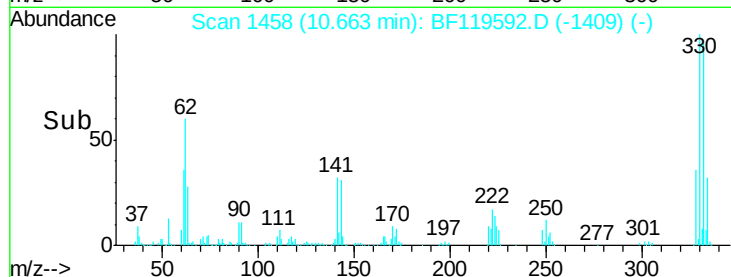
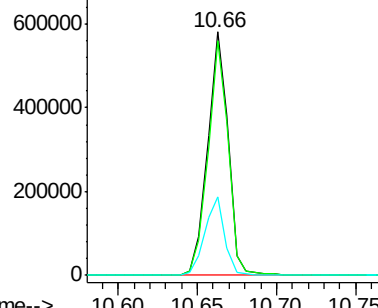
#42
 2,4,6-Tribromophenol
 Concen: 87.79 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119592.D
 Acq: 28 Mar 2020 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(10-12)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.7	113.5
141	31.2	25.4	38.0

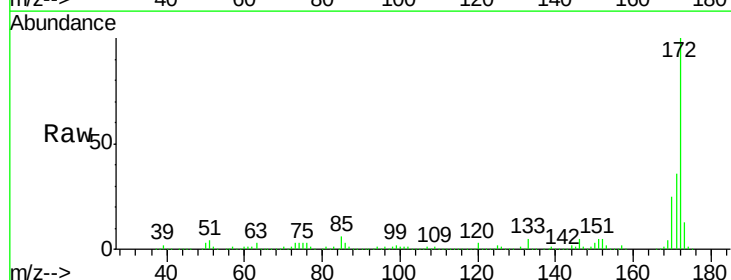


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

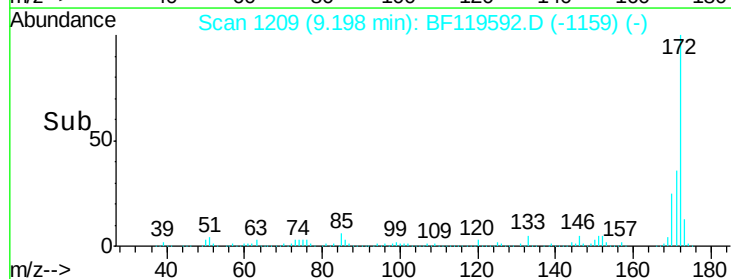
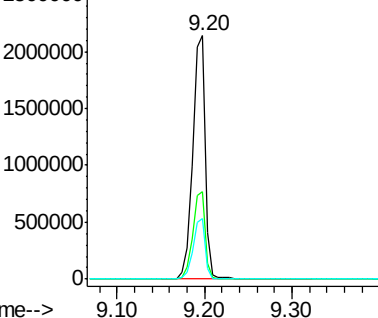


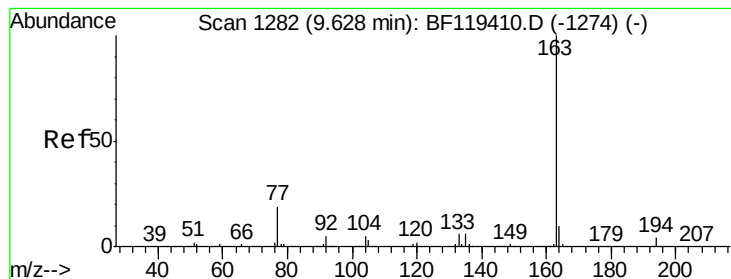
#45
 2-Fluorobiphenyl
 Concen: 54.91 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119592.D
 Acq: 28 Mar 2020 3:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	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





#50

Dimethylphthalate

Concen: 4.02 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampled :

SB-4-(10-12)

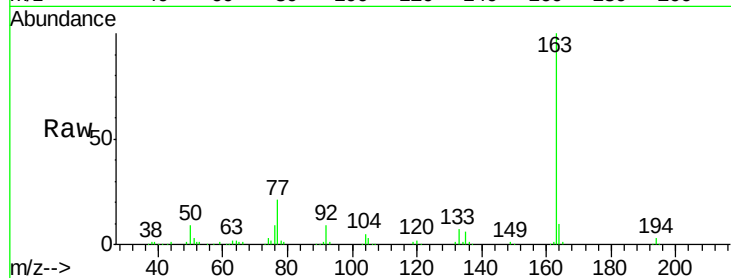
Tgt Ion:163 Resp: 164606

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

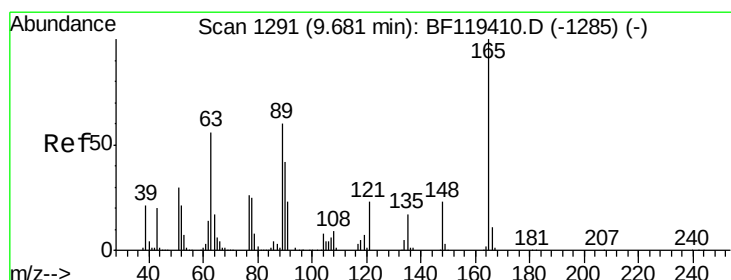
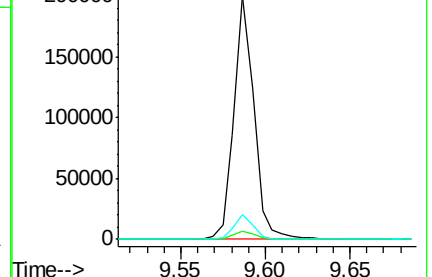
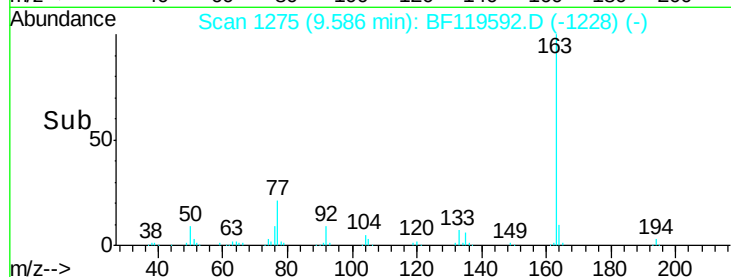
164 10.3 8.2 12.2



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: 8.44 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

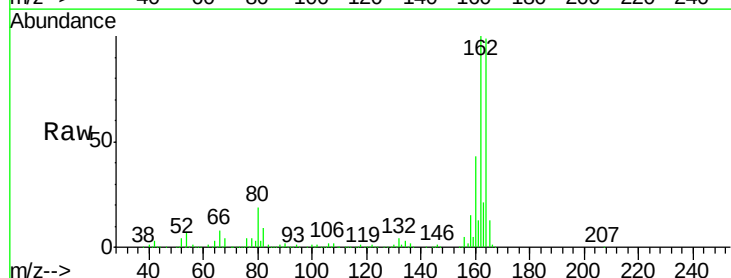
Tgt Ion:165 Resp: 74169

Ion Ratio Lower Upper

165 100

63 1.4 45.0 67.4#

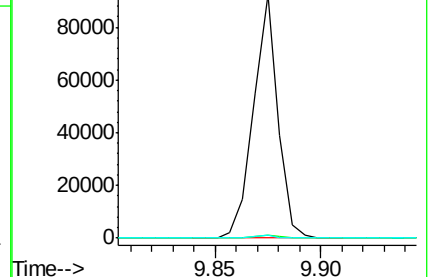
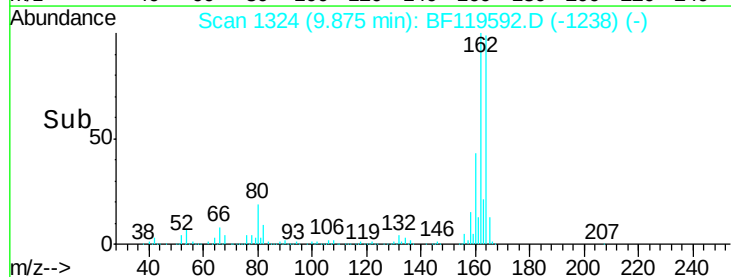
89 1.1 41.5 62.3#

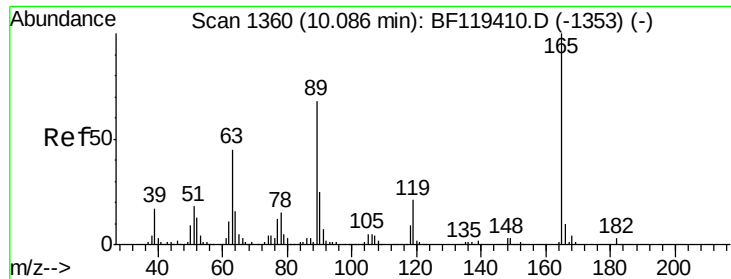


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.70 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

Tgt Ion:165 Resp: 74169

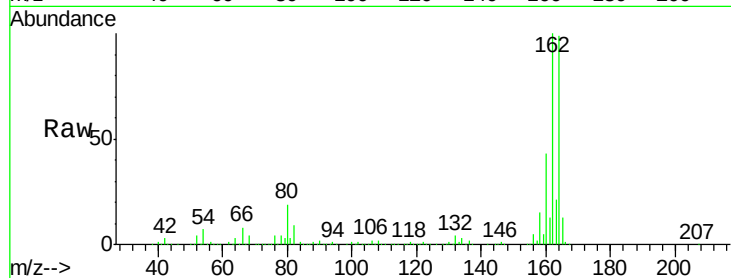
Ion Ratio Lower Upper

165 100

63 1.4 42.6 64.0#

89 1.1 61.0 91.4#

182 0.0 2.2 3.2#

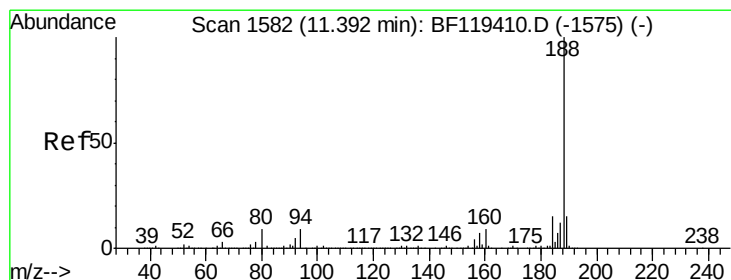
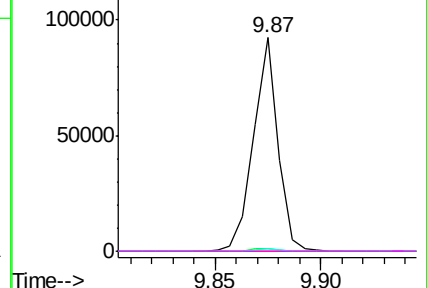
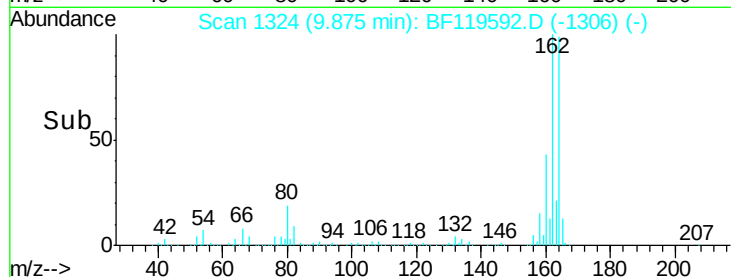


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119592.D

Acq: 28 Mar 2020 3:19

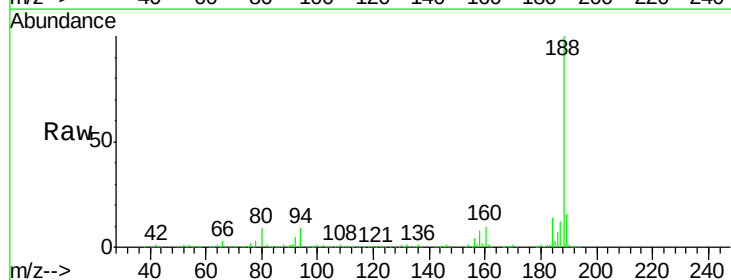
Tgt Ion:188 Resp: 1118544

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

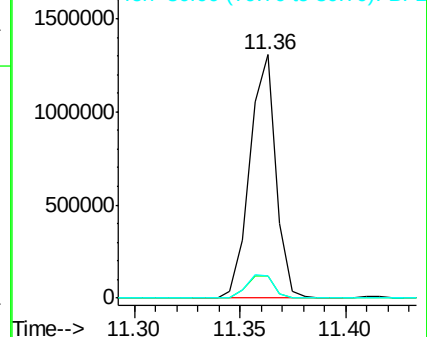
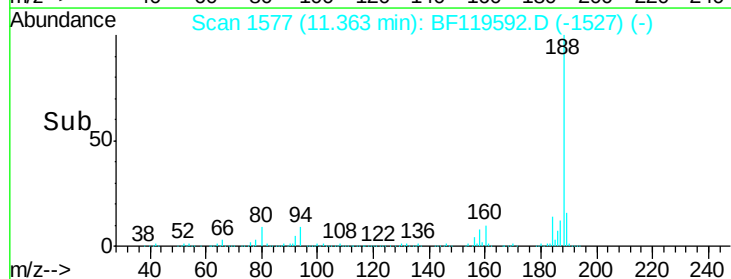
80 9.2 9.0 13.4

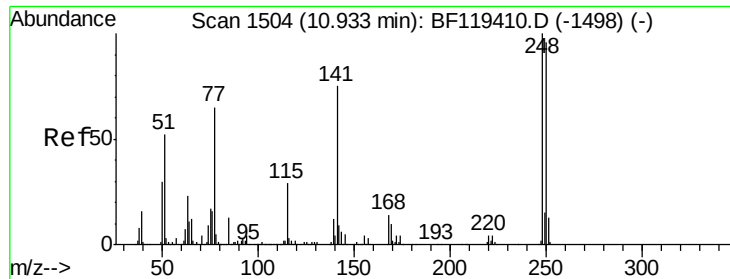


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

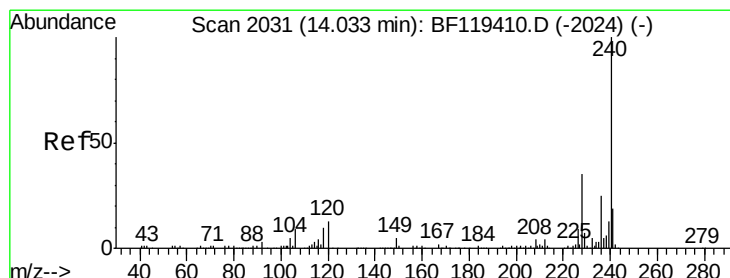
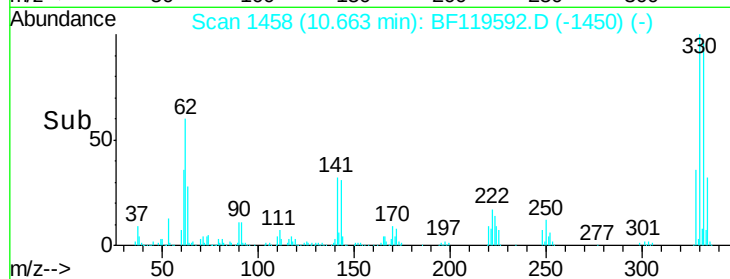
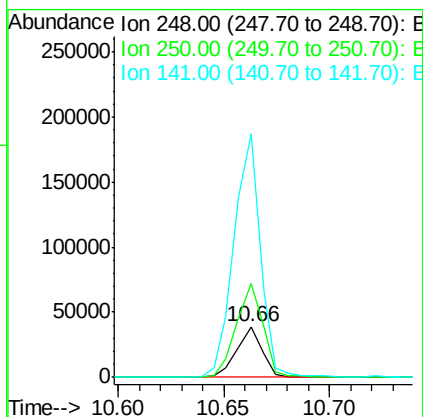
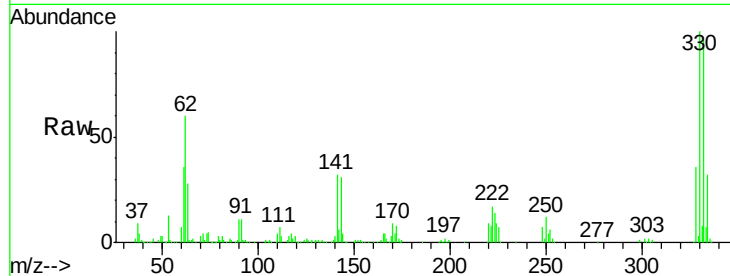




#67
 4-Bromophenyl-phenylether
 Concen: 2.57 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF119592.D
 Acq: 28 Mar 2020 3:19

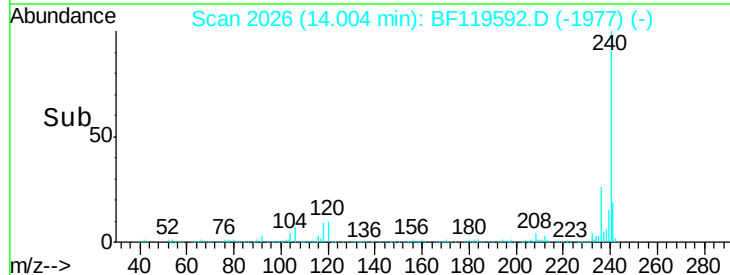
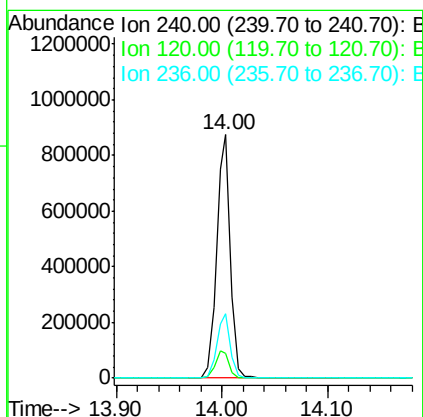
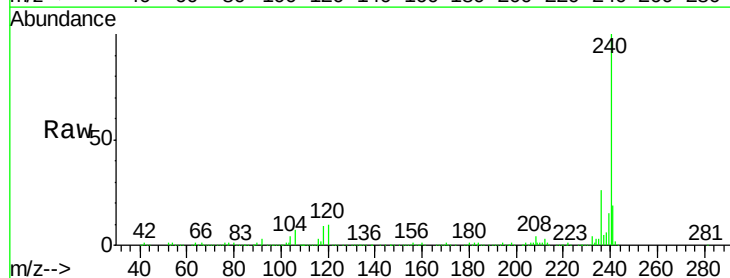
Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(10-12)

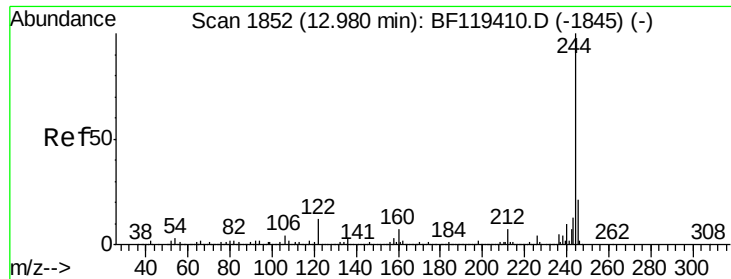
Tgt Ion:248 Resp: 32743
 Ion Ratio Lower Upper
 248 100
 250 186.1 77.3 115.9#
 141 481.3 58.6 87.8#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119592.D
 Acq: 28 Mar 2020 3:19

Tgt Ion:240 Resp: 800496
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.6 15.8#
 236 26.4 20.2 30.2





#79

Terphenyl-d14

Concen: 58.53 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

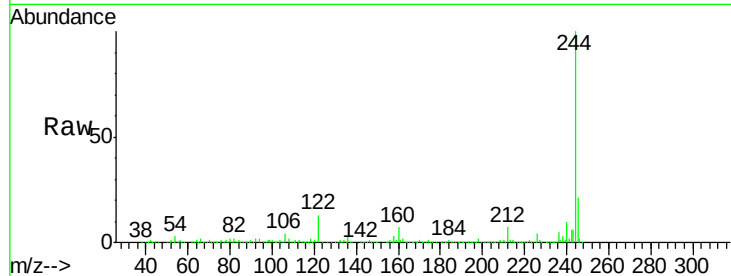
Tgt Ion:244 Resp: 2391223

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

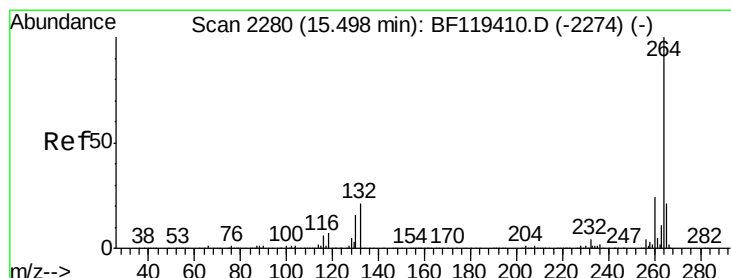
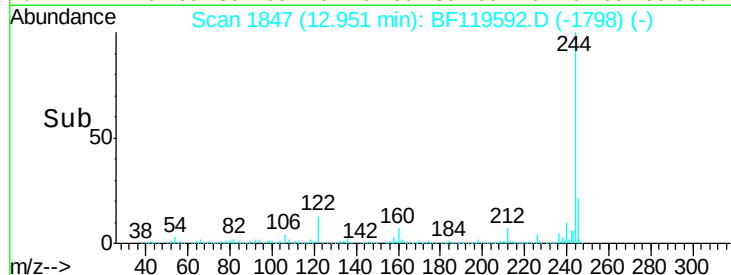
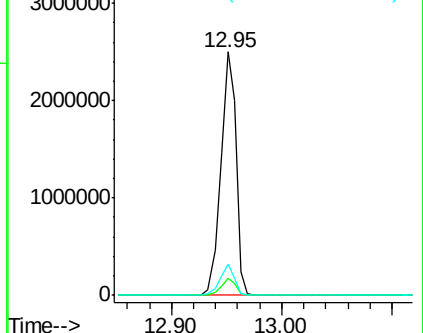
122 13.0 10.3 15.5



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: BF119592.D

Acq: 28 Mar 2020 3:19

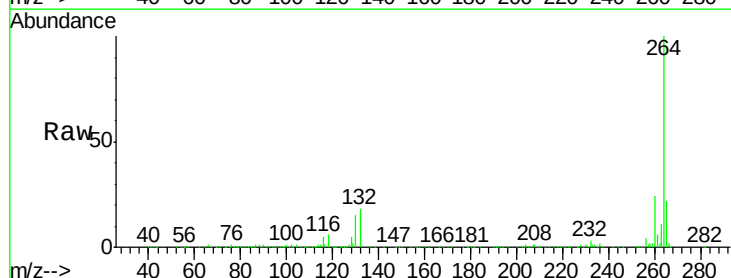
Tgt Ion:264 Resp: 644173

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.9 17.7 26.5



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

