

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119459.D
 Acq On : 20 Mar 2020 1:17
 Operator : CG/JU
 Sample : L1954-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10A

Quant Time: Mar 20 03:52:54 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

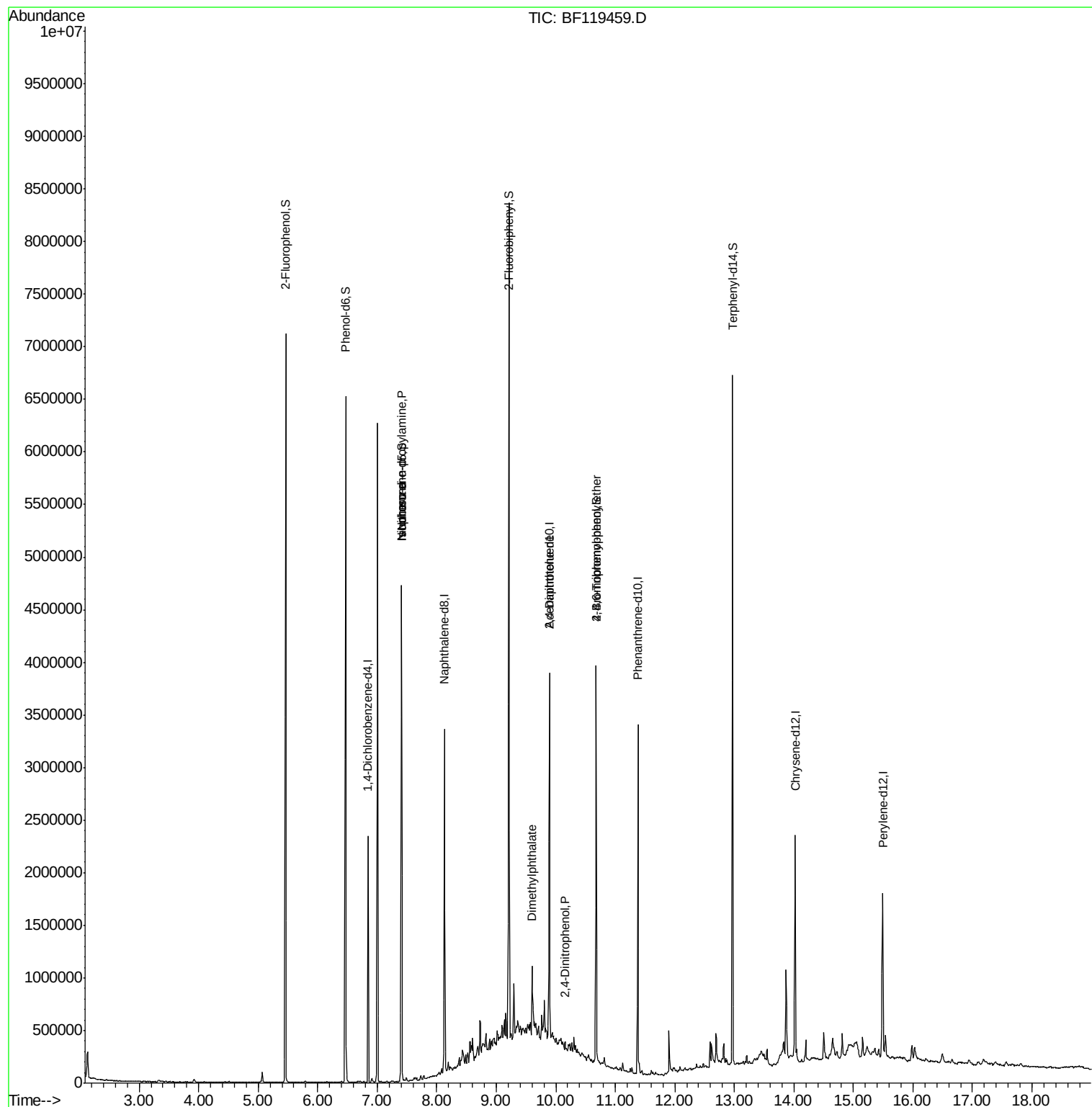
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	353504	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1307577	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	654851	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1134920	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	649538	20.00	ng	-0.01
87) Perylene-d12	15.49	264	724179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1849004	83.26	ng	0.00
7) Phenol-d6	6.47	99	2353968	82.98	ng	0.00
23) Nitrobenzene-d5	7.41	82	1446200	60.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	466576	69.06	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2563688	58.00	ng	0.00
79) Terphenyl-d14	12.97	244	2238717	67.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	190238	11.13	ng	# 75
25) Isophorone	7.41	82	1442844	29.56	ng	# 66
50) Dimethylphthalate	9.60	163	133211	2.86	ng	# 96
54) 2,4-Dinitrophenol	10.15	184	152	7.31	ng	# 36
57) 2,4-Dinitrotoluene	9.89	165	90460	7.20	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	29671	2.30	ng	# 1

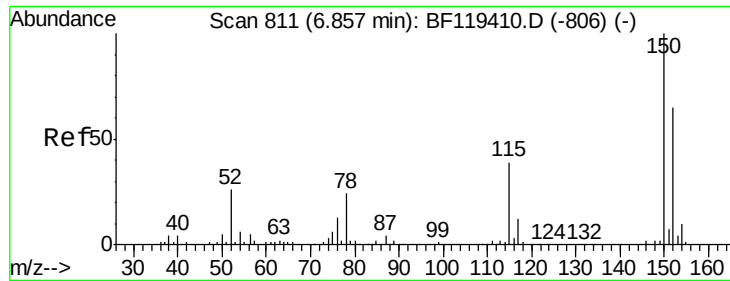
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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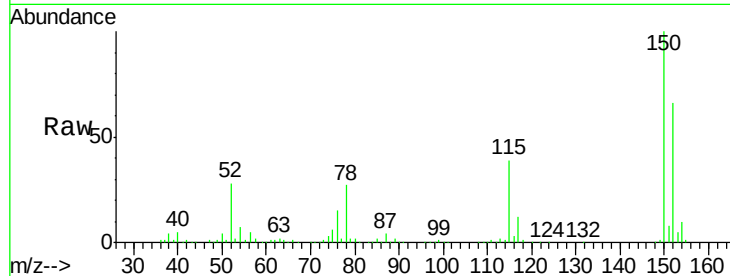




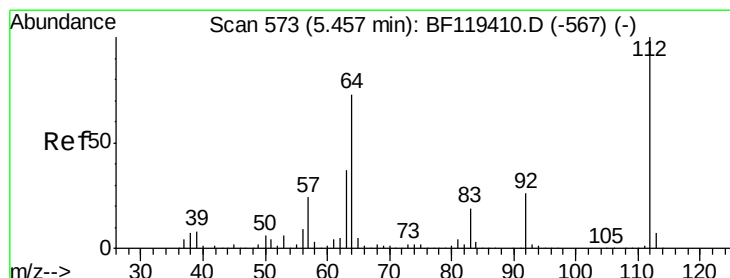
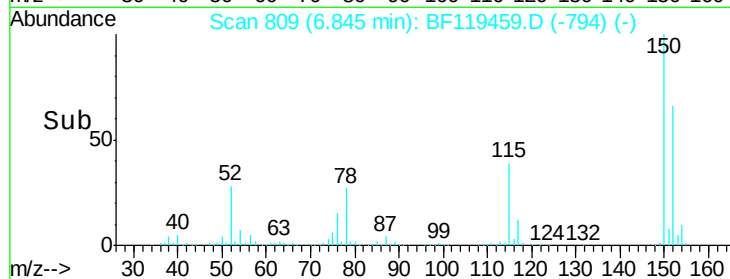
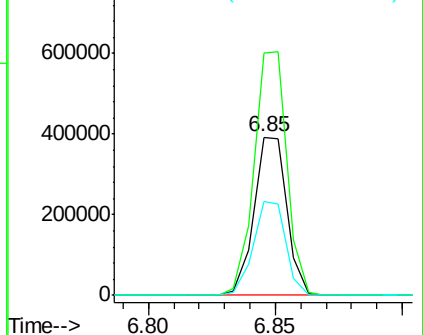
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF119459.D
 Acq: 20 Mar 2020 1:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-10A

Tgt Ion:152 Resp: 353504
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.9 185.9
 115 59.6 47.8 71.6

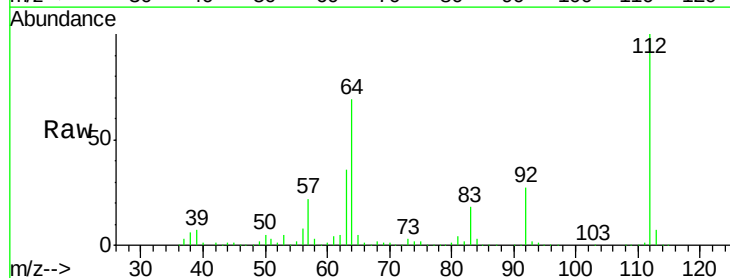


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

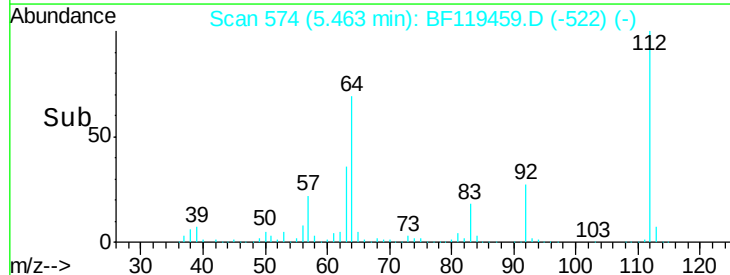
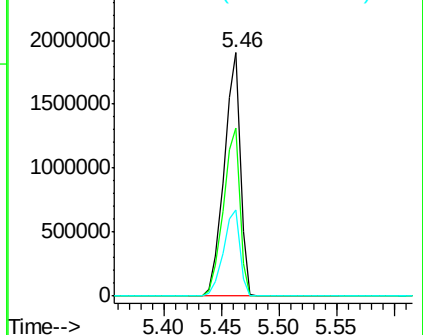


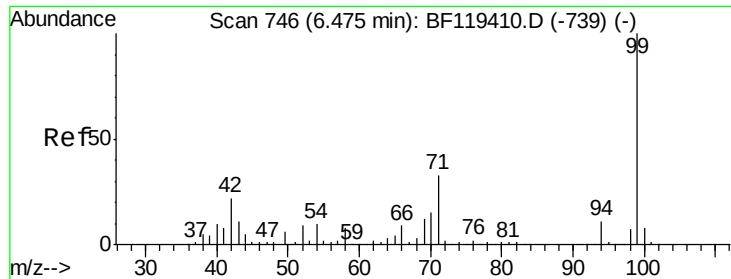
#5
 2-Fluorophenol
 Concen: 83.26 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF119459.D
 Acq: 20 Mar 2020 1:17

Tgt Ion:112 Resp: 1849004
 Ion Ratio Lower Upper
 112 100
 64 69.1 58.1 87.1
 63 35.5 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: 82.98 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

Instrument :

BNA_F

ClientSampled :

TP-10A

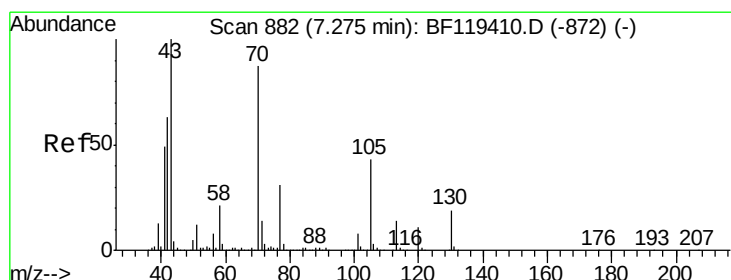
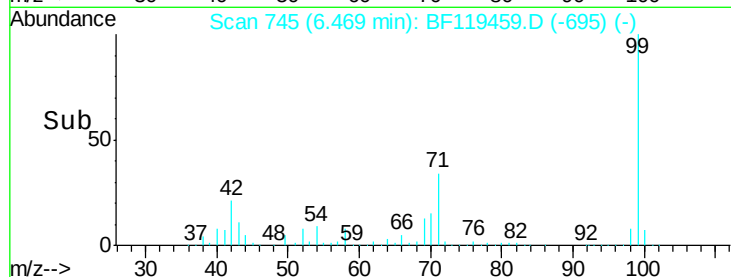
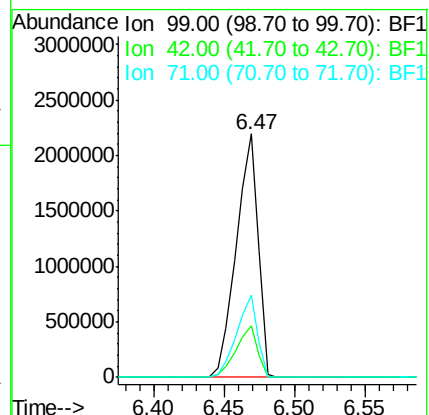
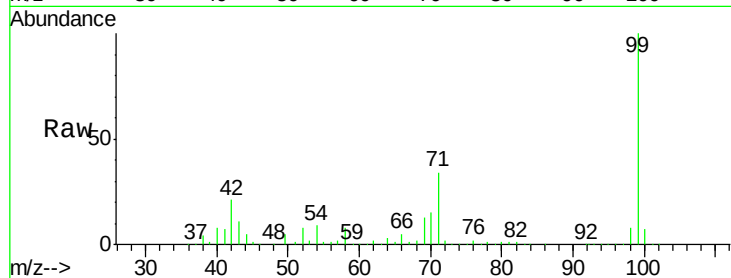
Tgt Ion: 99 Resp: 2353968

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

71 33.6 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.13 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

Tgt Ion: 70 Resp: 190238

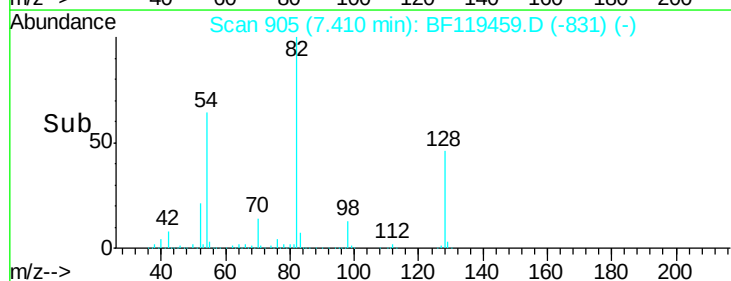
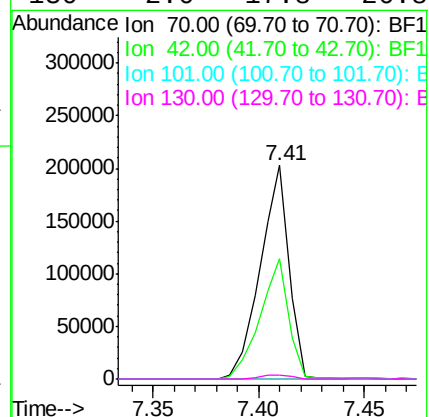
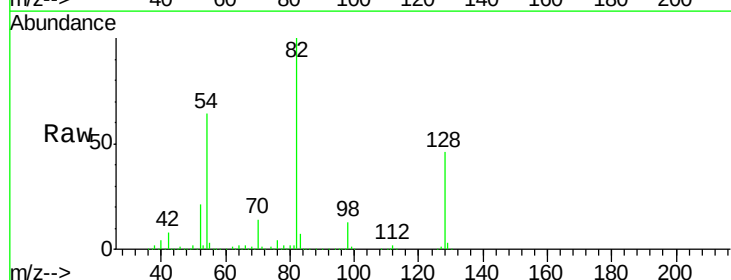
Ion Ratio Lower Upper

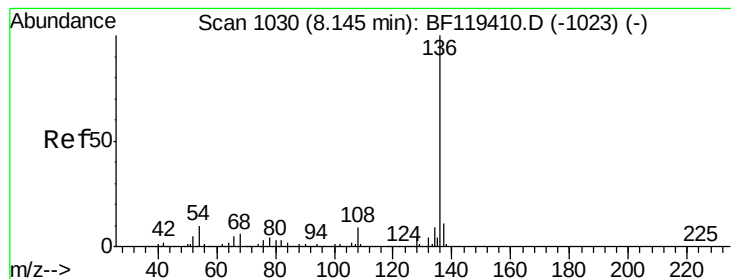
70 100

42 56.4 58.2 87.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

Instrument :

BNA_F

ClientSampled :

TP-10A

Tgt Ion:136 Resp: 1307577

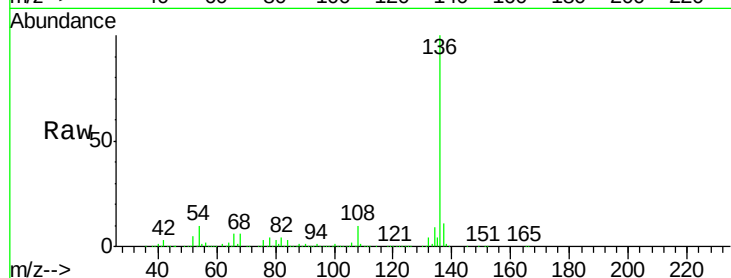
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 10.5 8.3 12.5

68 6.2 4.9 7.3

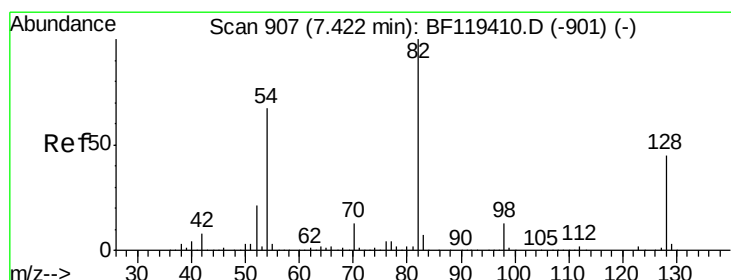
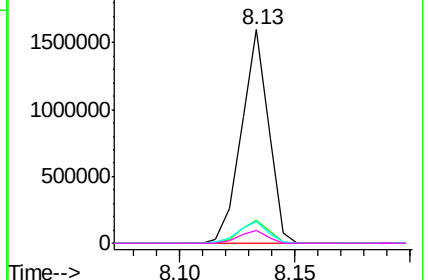
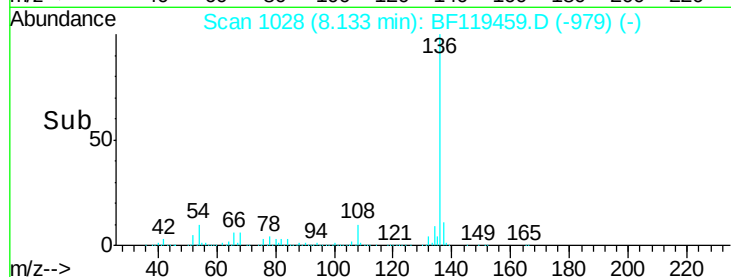


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.11 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

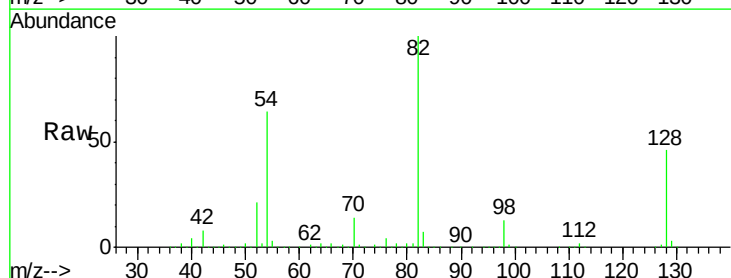
Tgt Ion: 82 Resp: 1446200

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.8

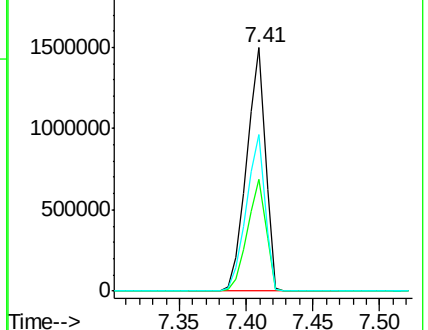
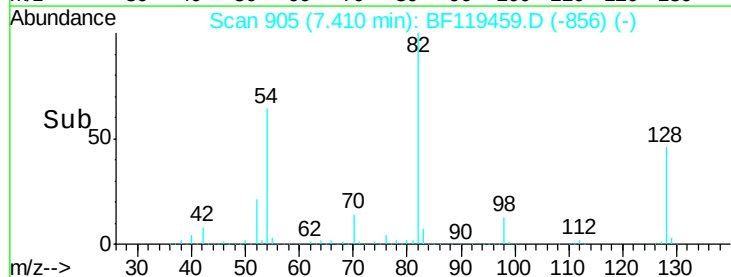
54 64.4 53.4 80.0

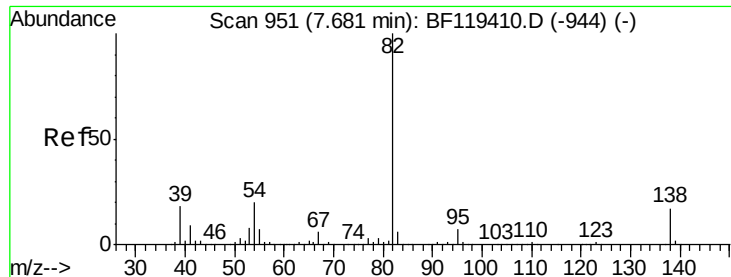


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.56 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

Instrument :

BNA_F

ClientSampleId :

TP-10A

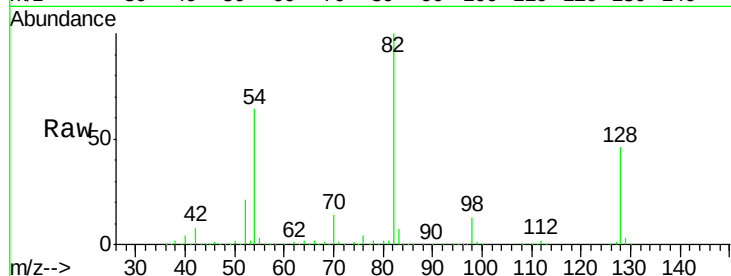
Tgt Ion: 82 Resp: 1442844

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

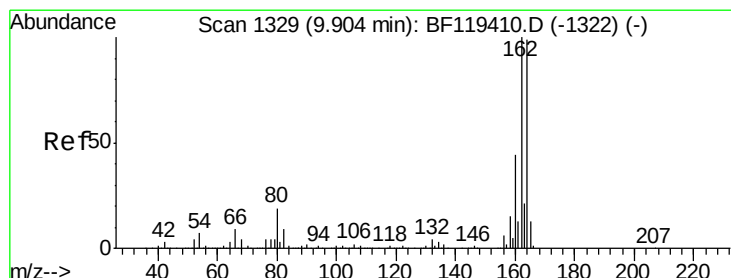
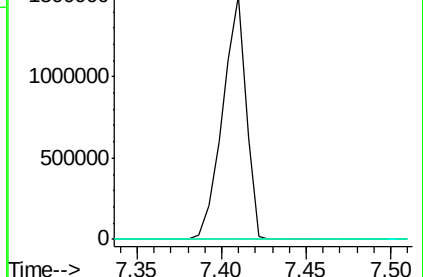
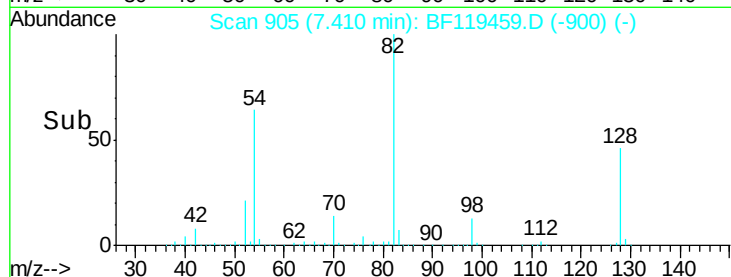
138 0.0 13.8 20.8#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

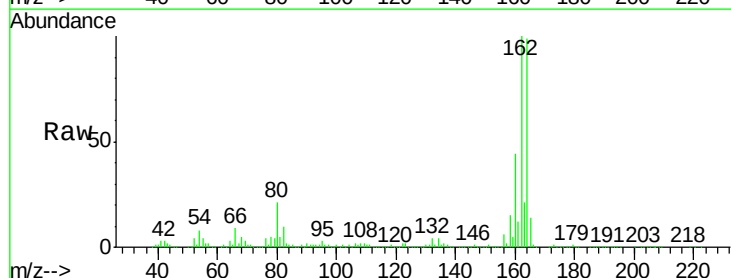
Tgt Ion: 164 Resp: 654851

Ion Ratio Lower Upper

164 100

162 100.8 80.7 121.1

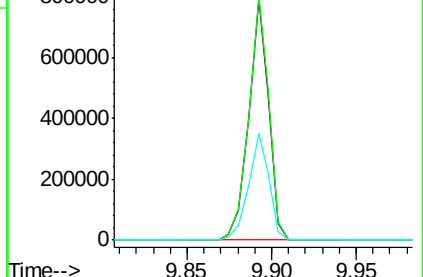
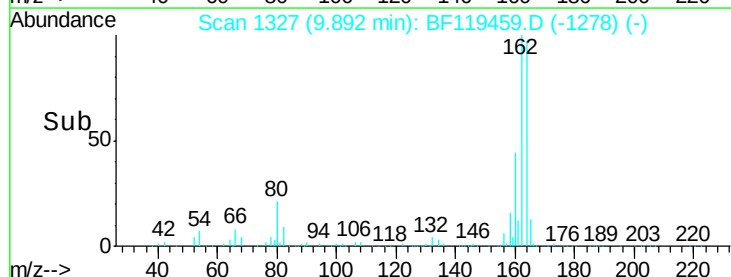
160 44.3 35.5 53.3

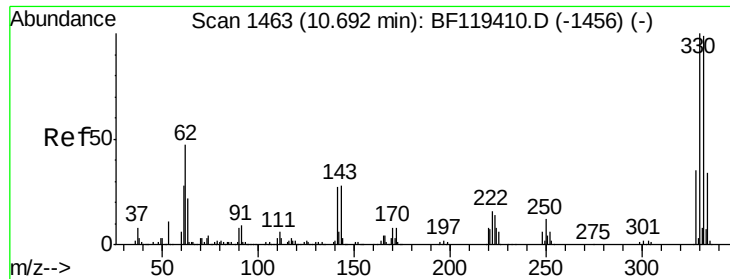


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

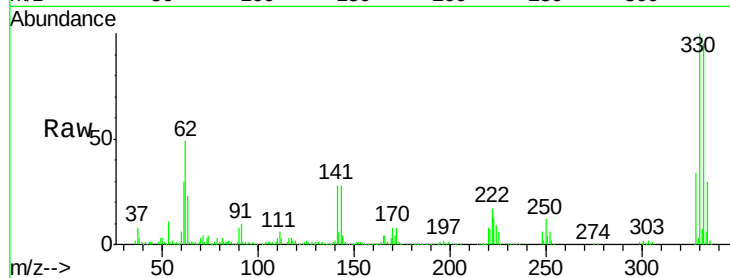




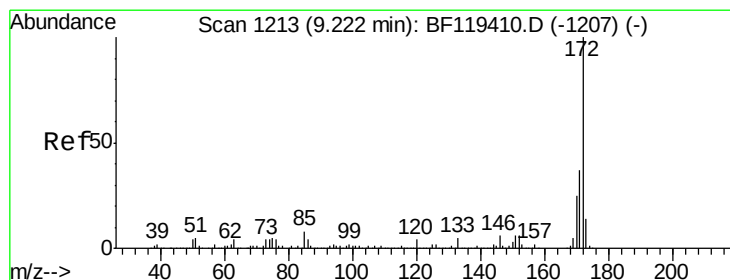
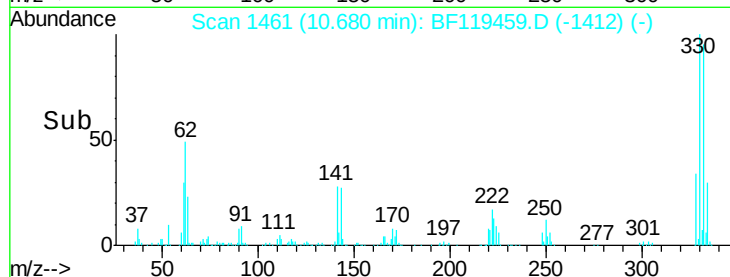
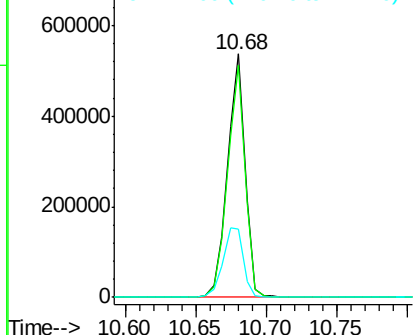
#42
 2,4,6-Tribromophenol
 Concen: 69.06 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119459.D
 Acq: 20 Mar 2020 1:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-10A

Tgt Ion:330 Resp: 466576
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.6 116.4
 141 32.5 26.6 40.0

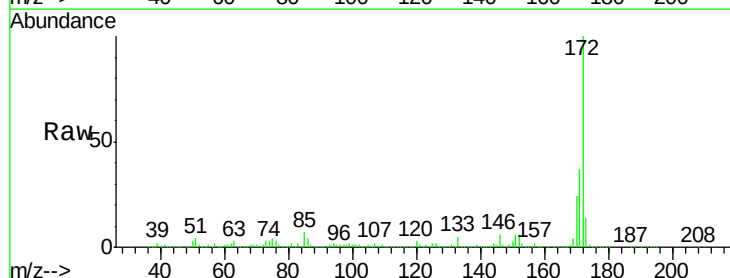


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

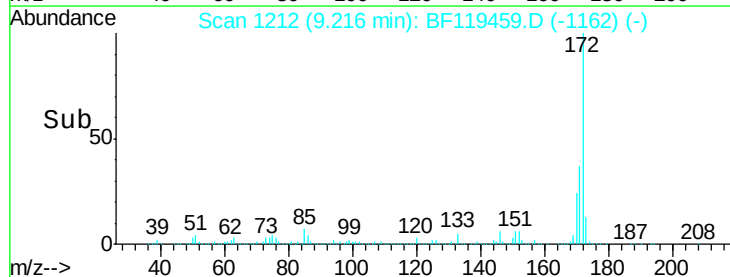
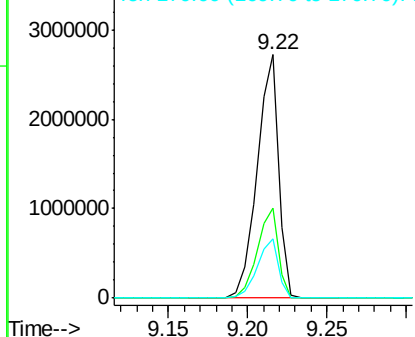


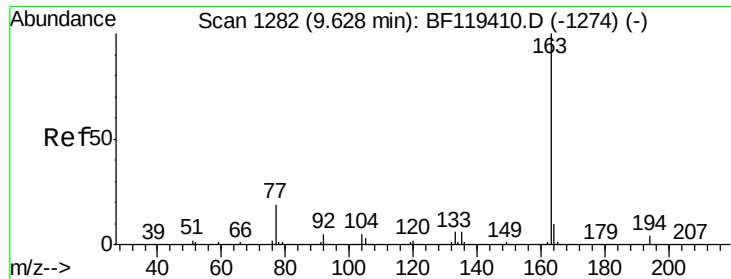
#45
 2-Fluorobiphenyl
 Concen: 58.00 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119459.D
 Acq: 20 Mar 2020 1:17

Tgt Ion:172 Resp: 2563688
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.9 44.9
 170 24.4 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

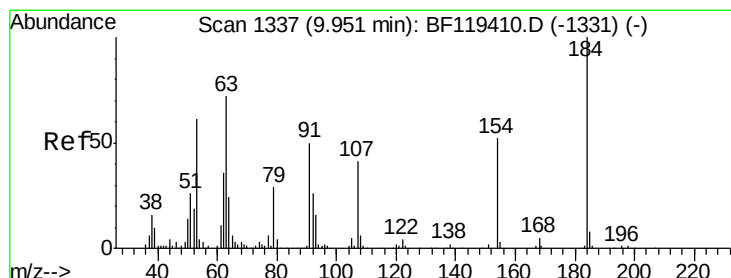
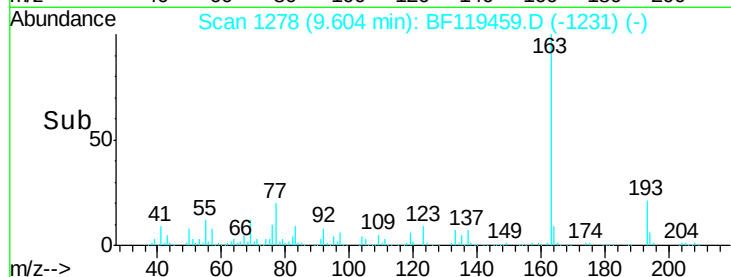
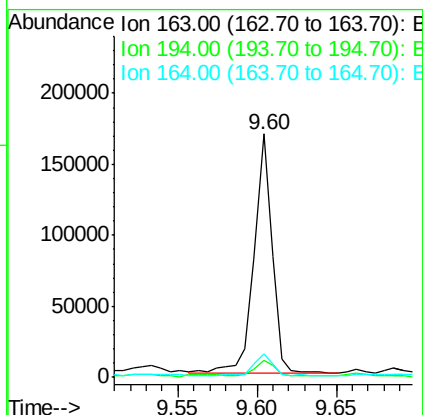
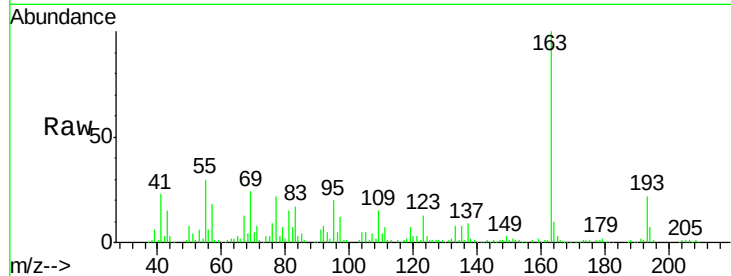




#50
Dimethylphthalate
Concen: 2.86 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119459.D
Acq: 20 Mar 2020 1:17

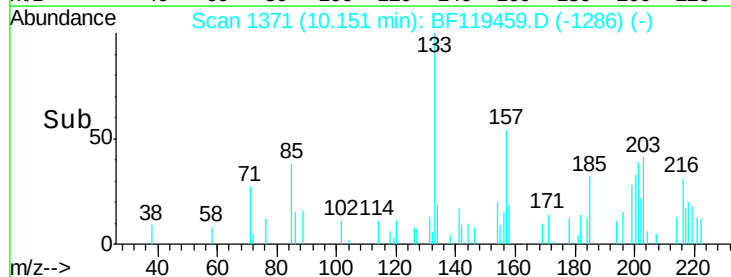
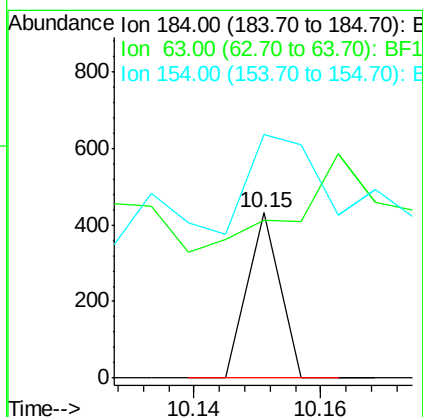
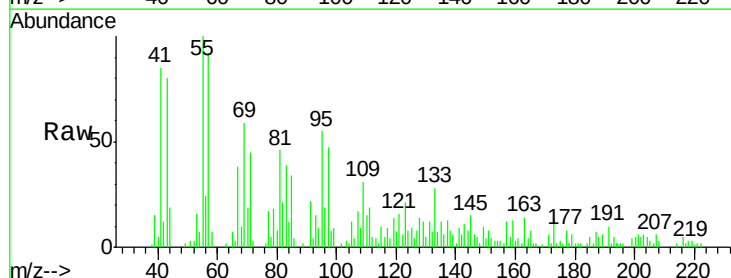
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BNA_F
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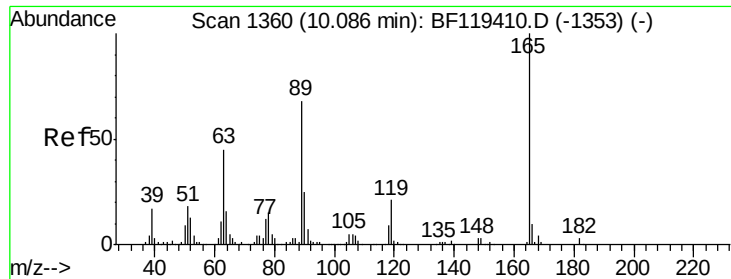
Tgt Ion:163 Resp: 133211
Ion Ratio Lower Upper
163 100
194 7.1 3.2 4.8#
164 9.5 8.1 12.1



#54
2,4-Dinitrophenol
Concen: 7.31 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.20 min
Lab File: BF119459.D
Acq: 20 Mar 2020 1:17

Tgt Ion:184 Resp: 152
Ion Ratio Lower Upper
184 100
63 95.4 58.5 87.7#
154 147.6 51.8 77.6#





#57

2,4-Dinitrotoluene

Concen: 7.20 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

Instrument :

BNA_F

ClientSampleId :

TP-10A

Tgt Ion:165 Resp: 90460

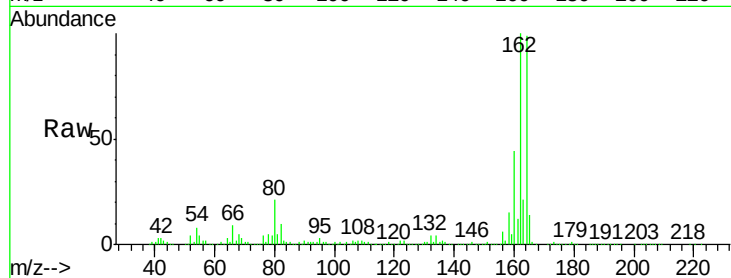
Ion Ratio Lower Upper

165 100

63 1.7 36.2 54.4#

89 1.3 54.3 81.5#

182 0.0 2.0 3.0#

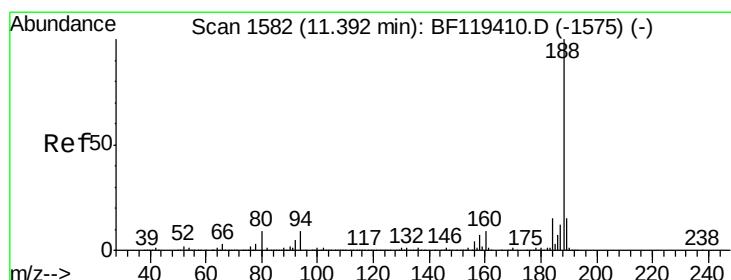
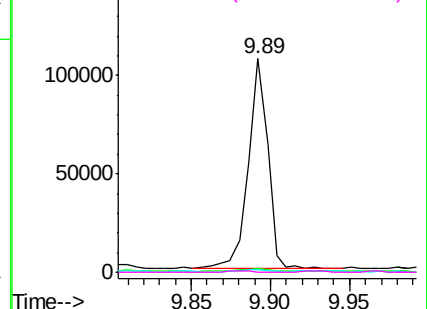
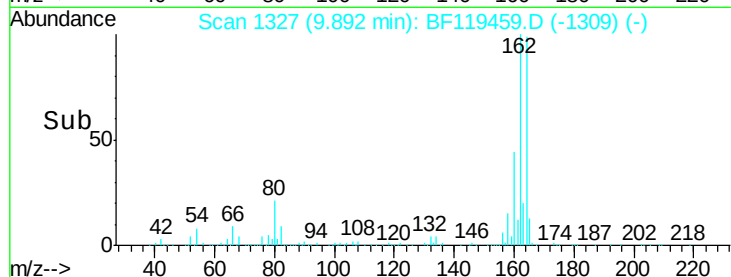


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

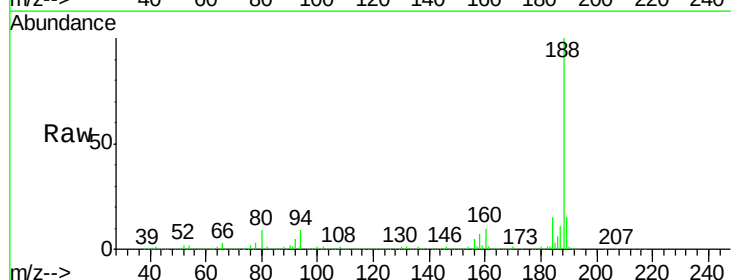
Tgt Ion:188 Resp: 1134920

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

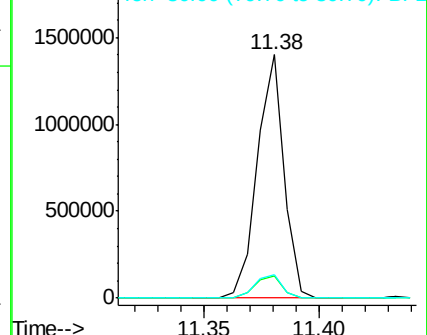
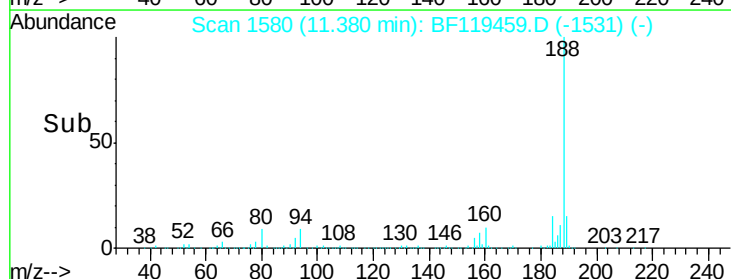
80 9.4 7.5 11.3

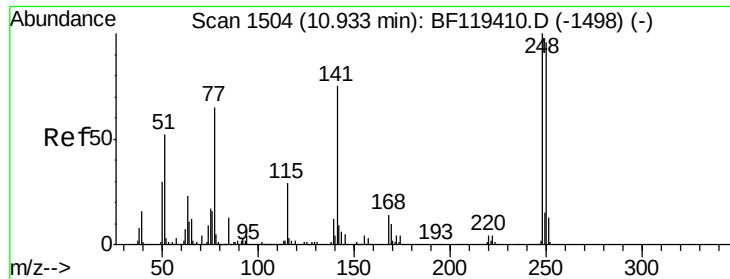


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

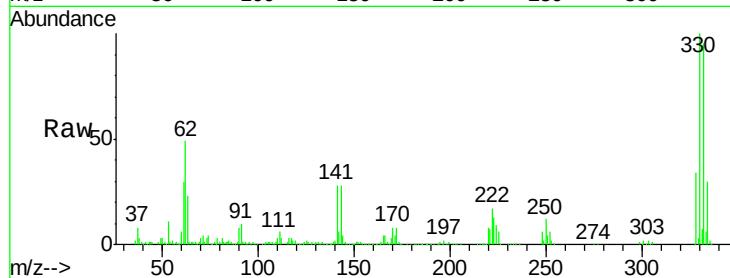




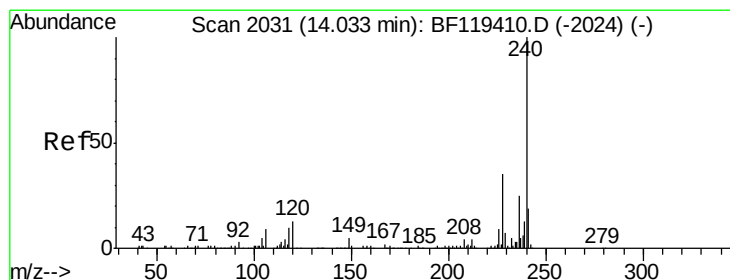
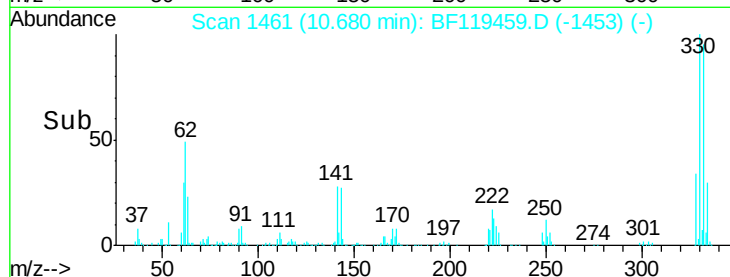
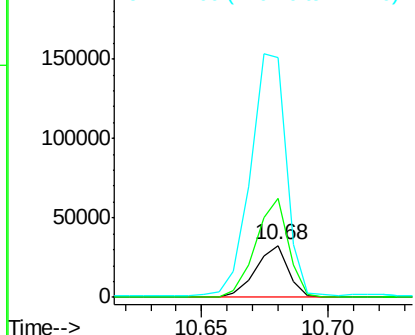
#67
 4-Bromophenyl-phenylether
 Concen: 2.30 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF119459.D
 Acq: 20 Mar 2020 1:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-10A

Tgt Ion:248 Resp: 29671
 Ion Ratio Lower Upper
 248 100
 250 190.6 77.0 115.6#
 141 461.7 59.7 89.5#

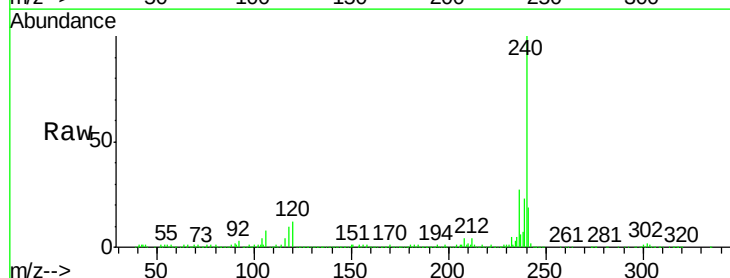


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

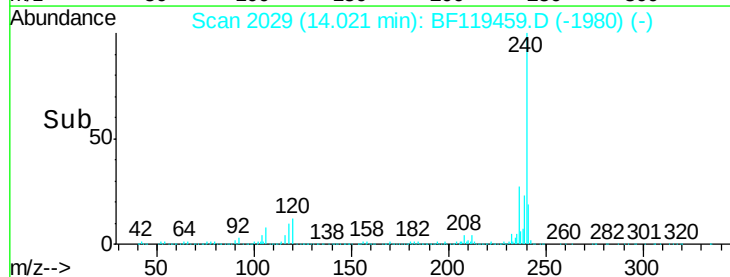
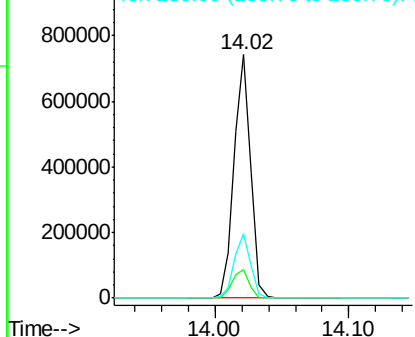


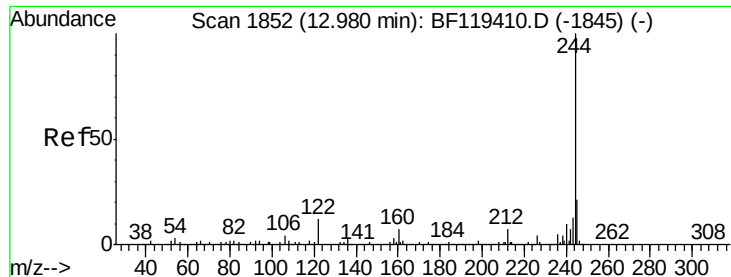
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119459.D
 Acq: 20 Mar 2020 1:17

Tgt Ion:240 Resp: 649538
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.2 15.4
 236 26.7 20.4 30.6



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: 67.53 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

Instrument :

BNA_F

ClientSampleId :

TP-10A

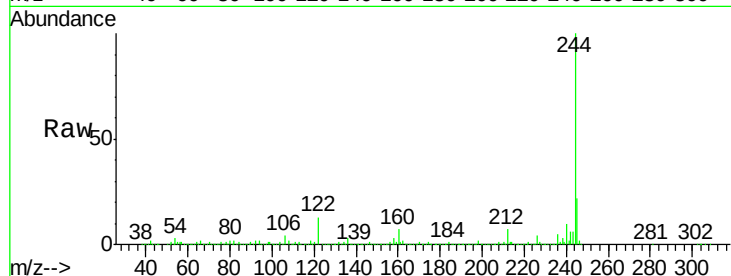
Tgt Ion:244 Resp: 2238717

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

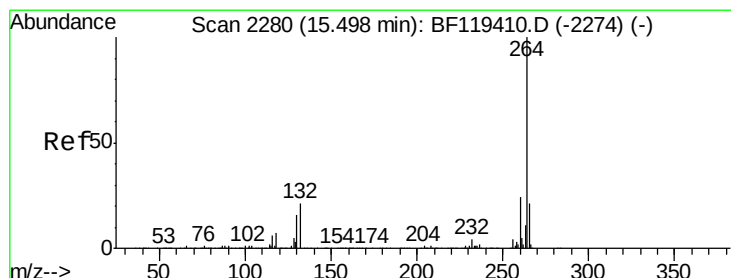
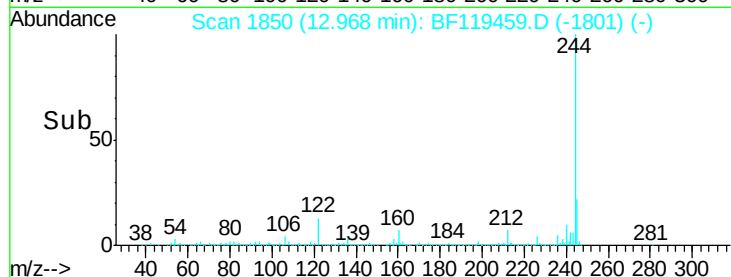
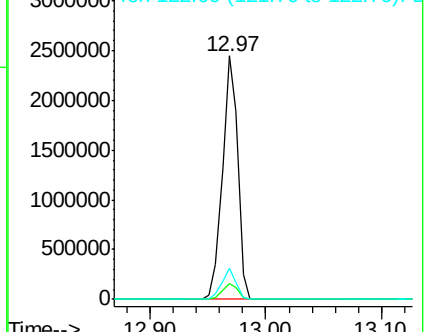
122 12.7 9.8 14.8



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF119459.D

Acq: 20 Mar 2020 1:17

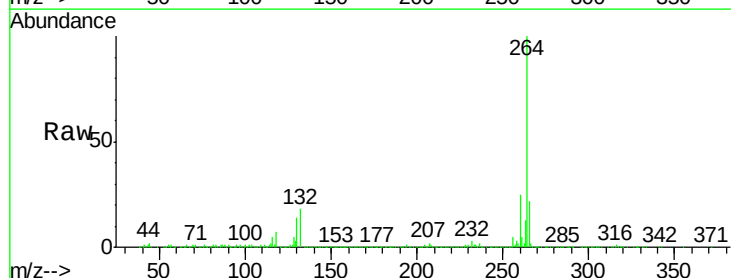
Tgt Ion:264 Resp: 724179

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.4 16.9 25.3



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

