

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119577.D
 Acq On : 27 Mar 2020 19:56
 Operator : CG/JU
 Sample : PB127849BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BL

Quant Time: Mar 28 00:53:45 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

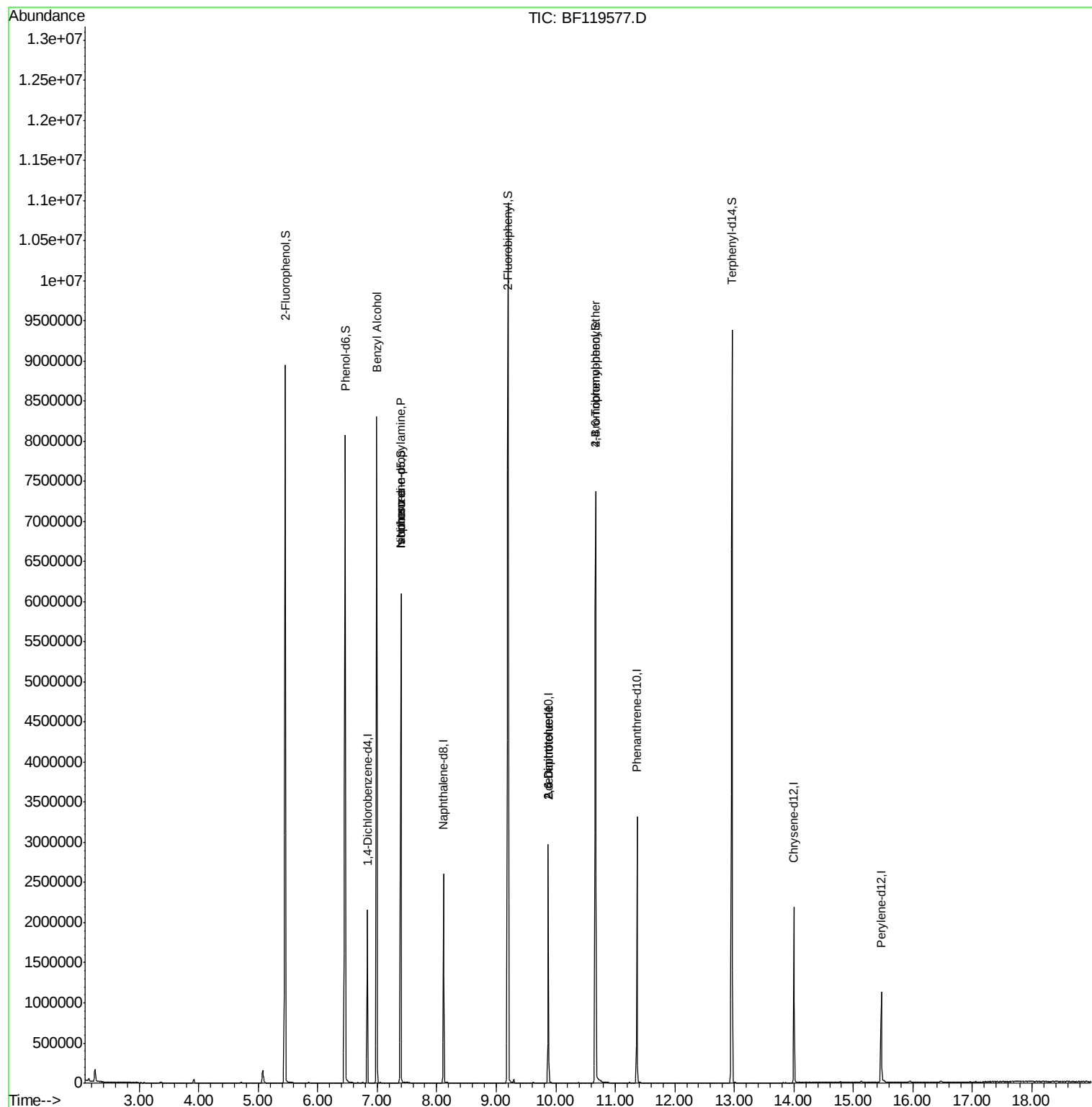
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	285168	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1123022	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	590876	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1149790	20.00	ng	0.00
76) Chrysene-d12	14.00	240	707220	20.00	ng	-0.01
87) Perylene-d12	15.47	264	559201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2736333	152.75	ng	0.02
7) Phenol-d6	6.46	99	3442813	150.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	2099359	101.60	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	970319	159.18	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3937239	98.72	ng	0.00
79) Terphenyl-d14	12.96	244	4125490	114.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	35008	2.03	ng	# 50
19) n-Nitroso-di-n-propylamine	7.40	70	281040	20.38	ng	# 75
25) Isophorone	7.40	82	2084040	49.72	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	77571	8.62	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	77571	6.84	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	59166	4.52	ng	# 1

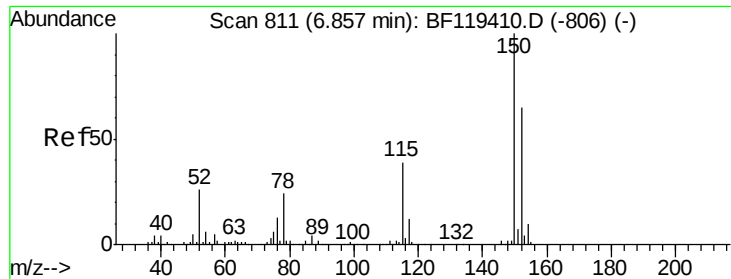
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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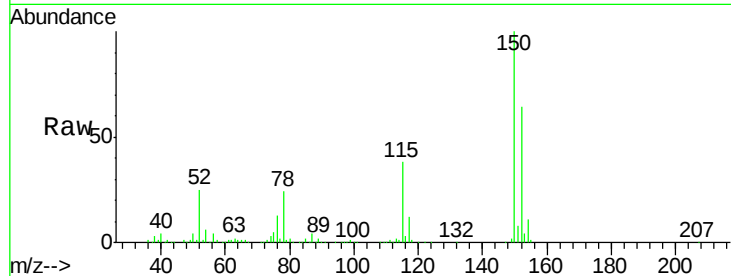


#1

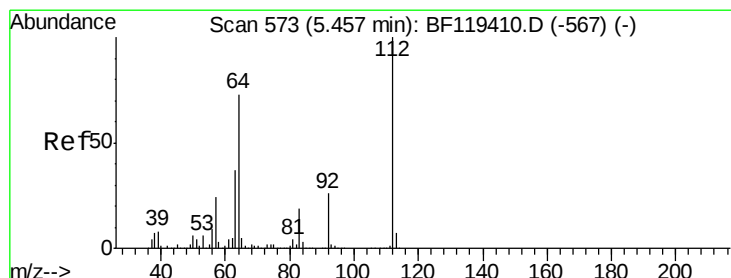
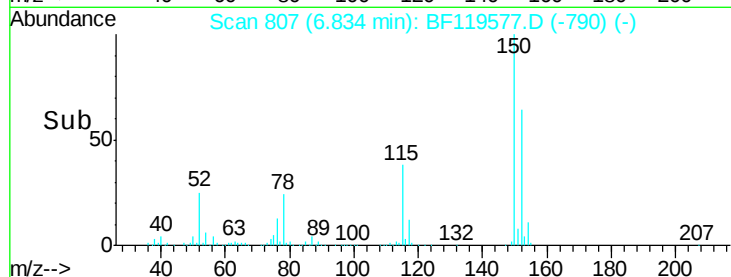
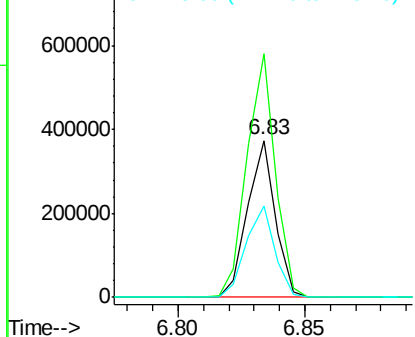
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119577.D
Acq: 27 Mar 2020 19:56

Instrument :
BNA_F
ClientSampleId :
PB127849BL

Tgt Ion:152 Resp: 285168
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 58.3 49.6 74.4



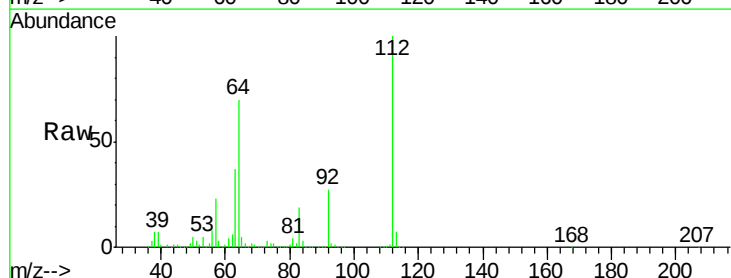
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



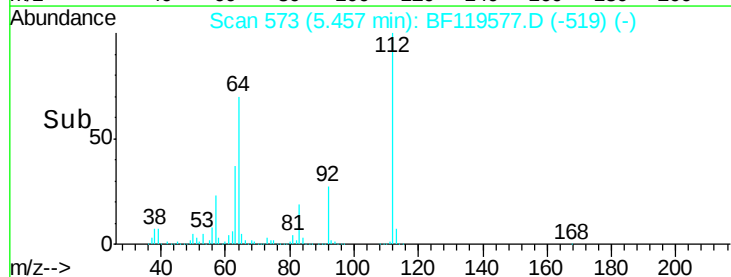
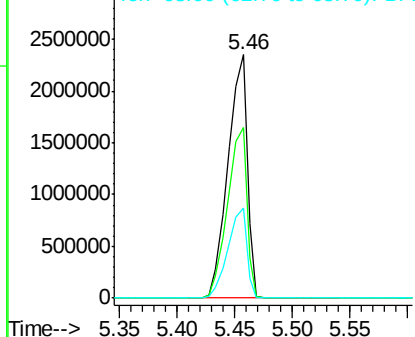
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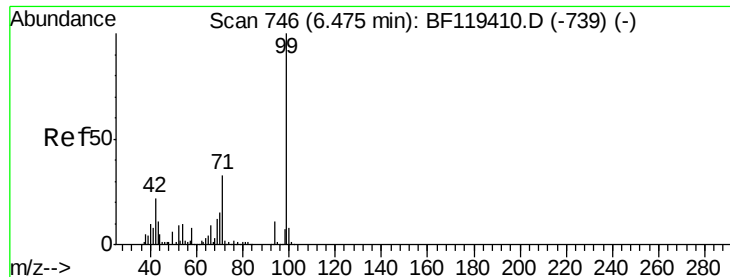
2-Fluorophenol
Concen: 152.75 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119577.D
Acq: 27 Mar 2020 19:56

Tgt Ion:112 Resp: 2736333
Ion Ratio Lower Upper
112 100
64 70.2 56.7 85.1
63 36.9 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: 150.45 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119577.D

Acq: 27 Mar 2020 19:56

Instrument :

BNA_F

ClientSampleId :

PB127849BL

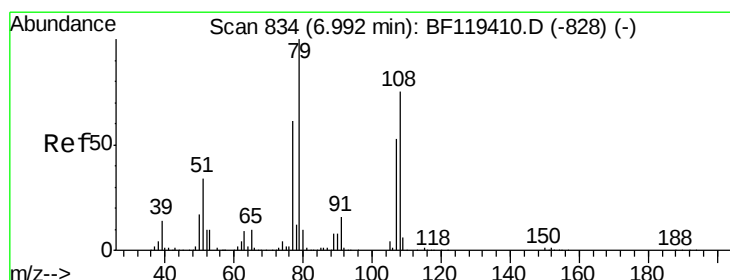
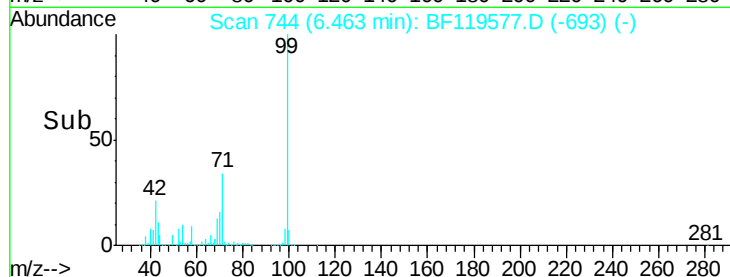
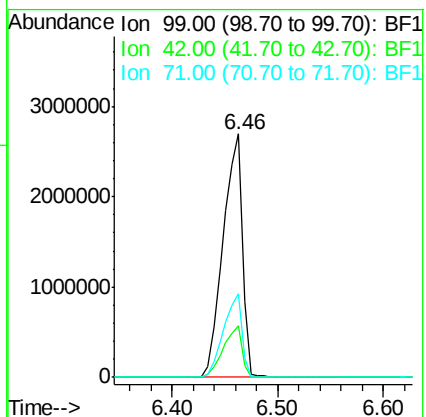
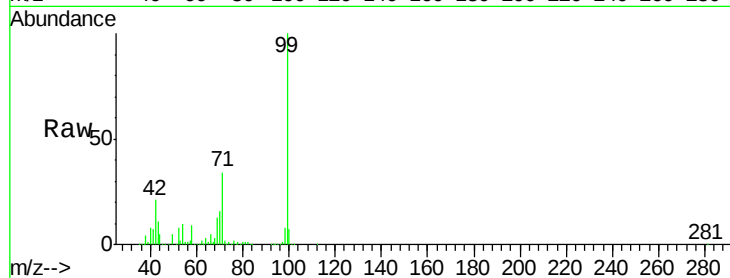
Tgt Ion: 99 Resp: 3442813

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

71 34.1 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.02 min

Lab File: BF119577.D

Acq: 27 Mar 2020 19:56

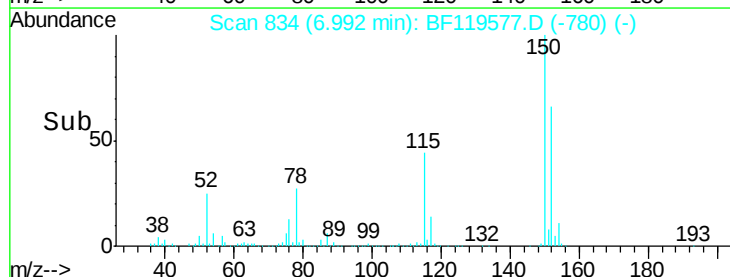
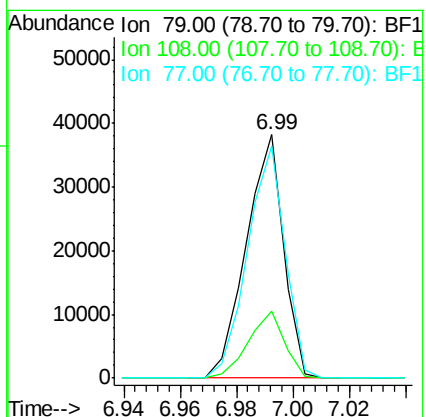
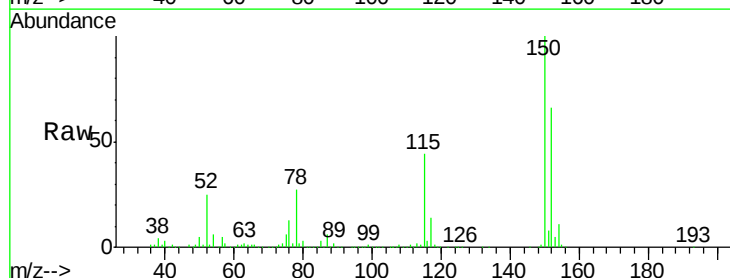
Tgt Ion: 79 Resp: 35008

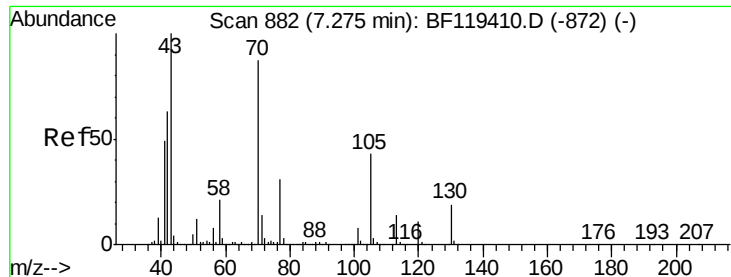
Ion Ratio Lower Upper

79 100

108 27.6 60.6 90.8#

77 95.1 50.2 75.2#





#19

n-Nitroso-di-n-propylamine

Concen: 20.38 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119577.D

Acq: 27 Mar 2020 19:56

Instrument :

BNA_F

ClientSampleId :

PB127849BL

Tgt Ion: 70 Resp: 281040

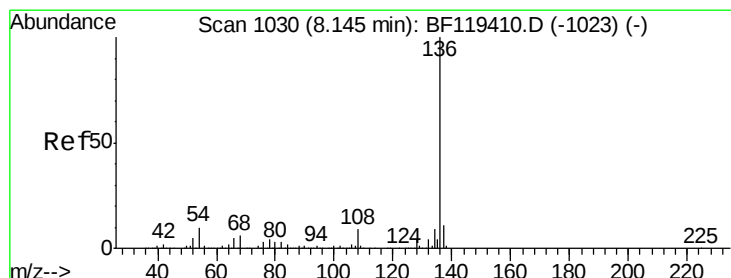
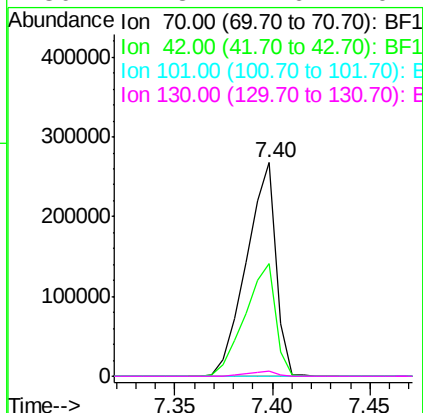
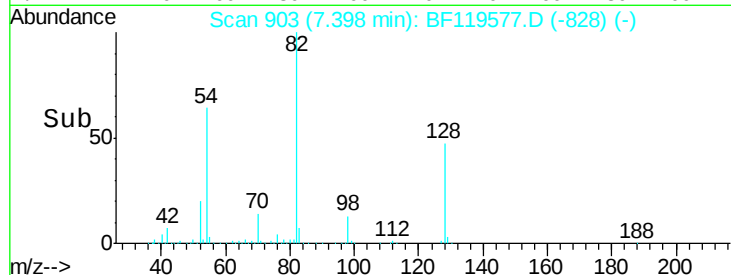
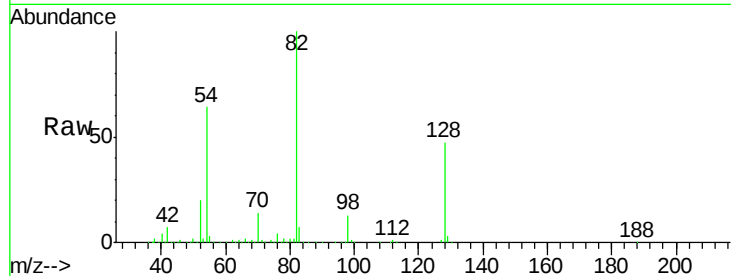
Ion Ratio Lower Upper

70 100

42 52.8 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 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: BF119577.D

Acq: 27 Mar 2020 19:56

Tgt Ion: 136 Resp: 1123022

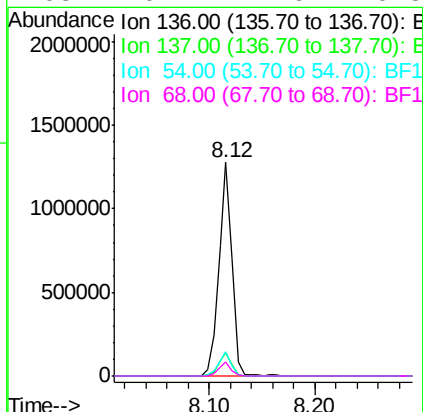
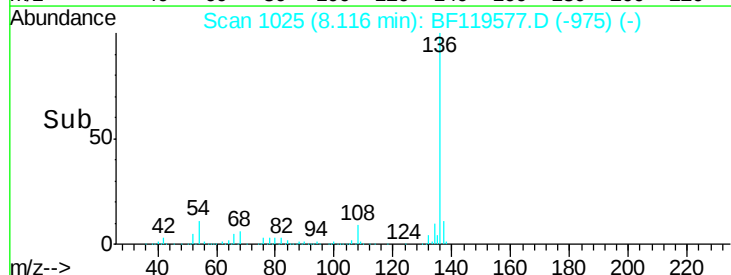
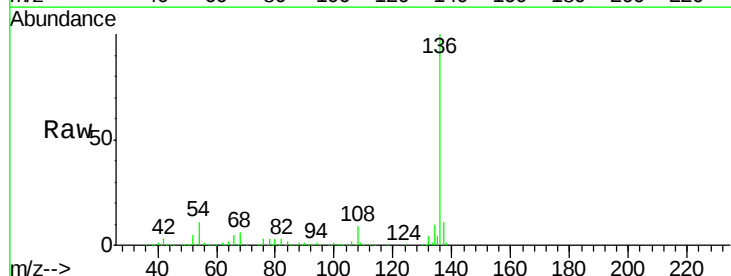
Ion Ratio Lower Upper

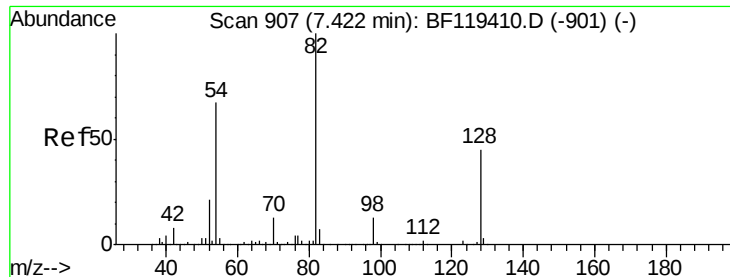
136 100

137 11.1 8.7 13.1

54 11.2 9.1 13.7

68 6.4 4.6 6.8

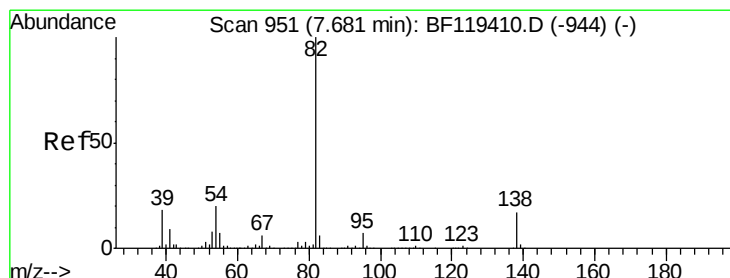
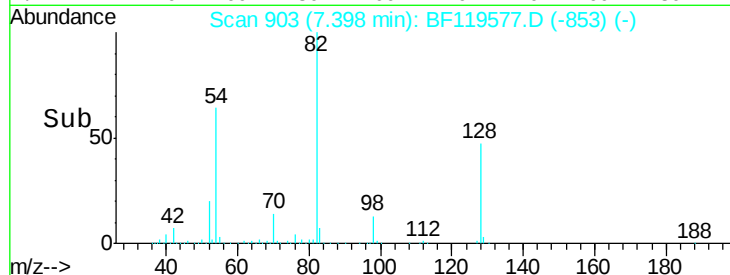
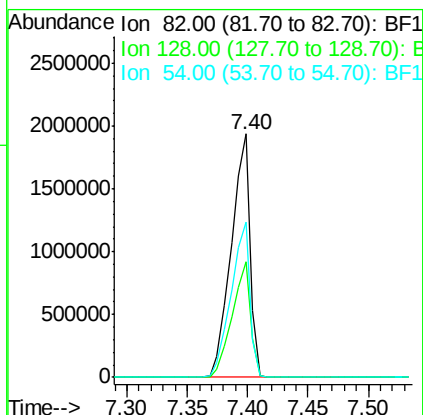
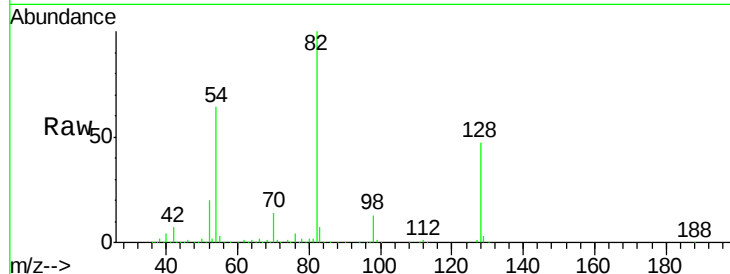




#23
 Nitrobenzene-d5
 Concen: 101.60 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119577.D
 Acq: 27 Mar 2020 19:56

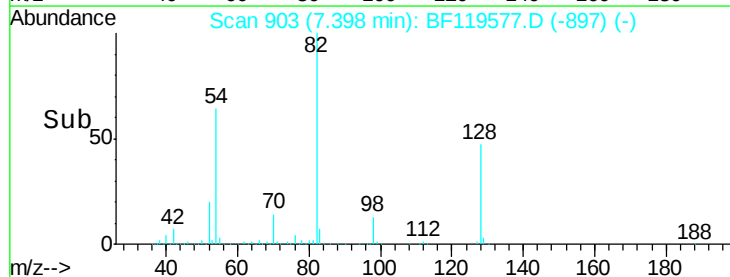
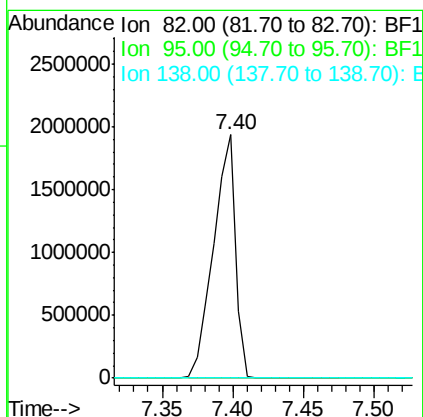
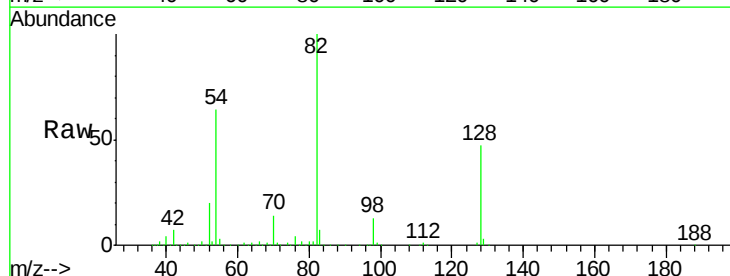
Instrument :
 BNA_F
 ClientSampleId :
 PB127849BL

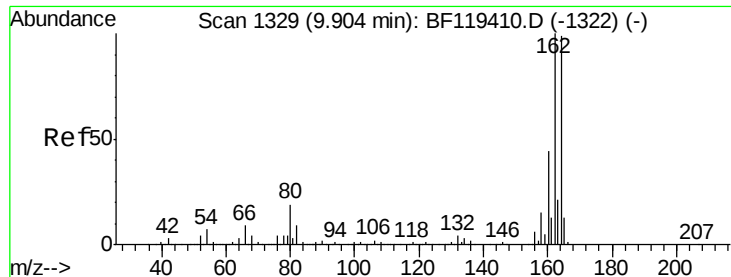
Tgt Ion: 82 Resp: 2099359
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.3 54.5
 54 63.8 50.6 75.8



#25
 Isophorone
 Concen: 49.72 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.26 min
 Lab File: BF119577.D
 Acq: 27 Mar 2020 19:56

Tgt Ion: 82 Resp: 2084040
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.6 21.8#

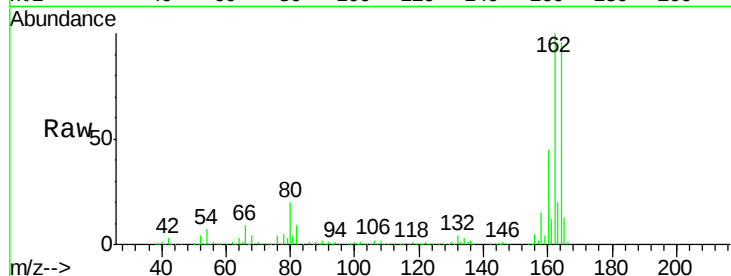




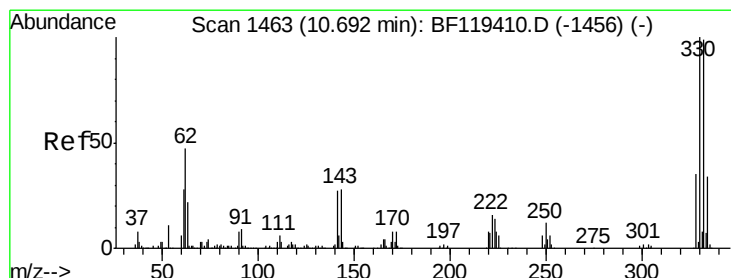
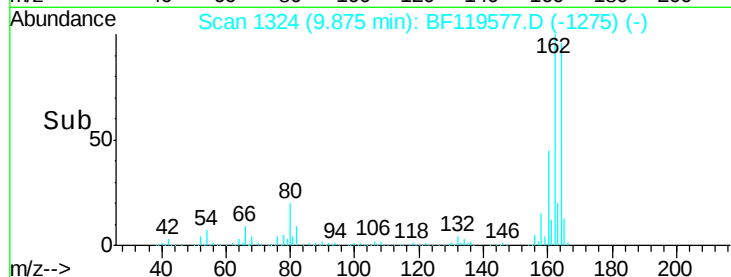
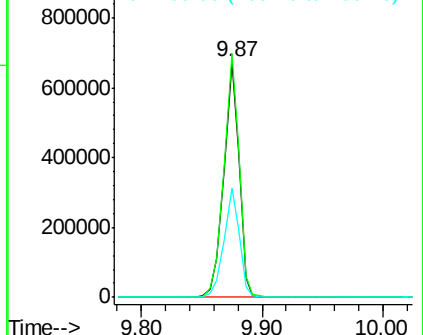
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119577.D
Acq: 27 Mar 2020 19:56

Instrument :
BNA_F
ClientSampleId :
PB127849BL

Tgt Ion:164 Resp: 590876
Ion Ratio Lower Upper
164 100
162 103.7 80.6 121.0
160 46.7 35.7 53.5

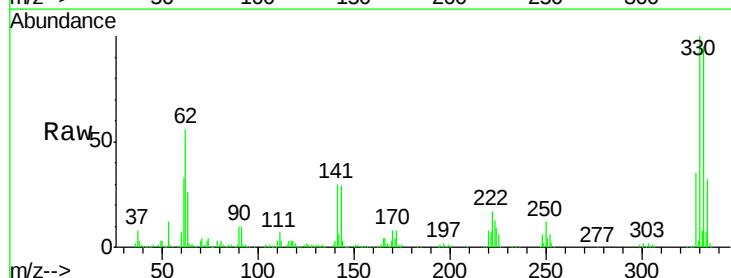


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

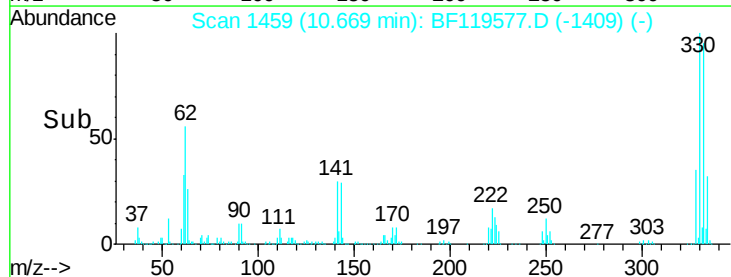
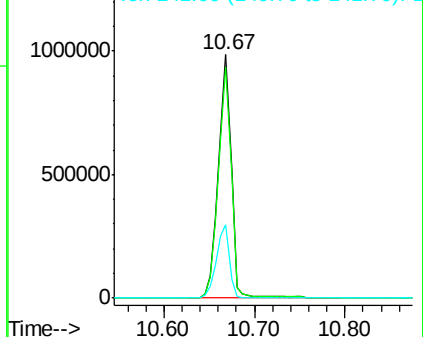


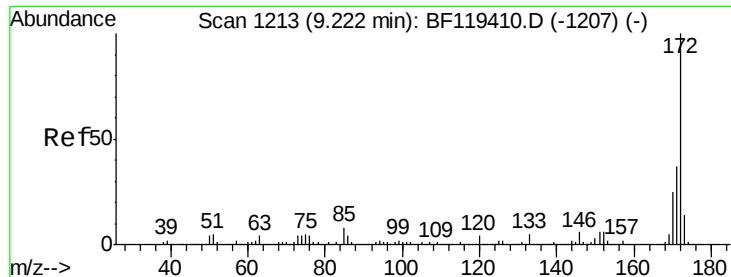
#42
2,4,6-Tribromophenol
Concen: 159.18 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119577.D
Acq: 27 Mar 2020 19:56

Tgt Ion:330 Resp: 970319
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 31.0 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

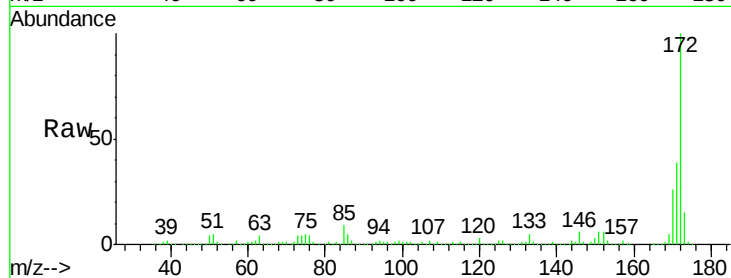




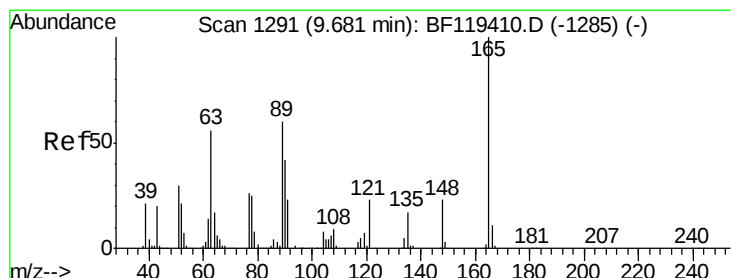
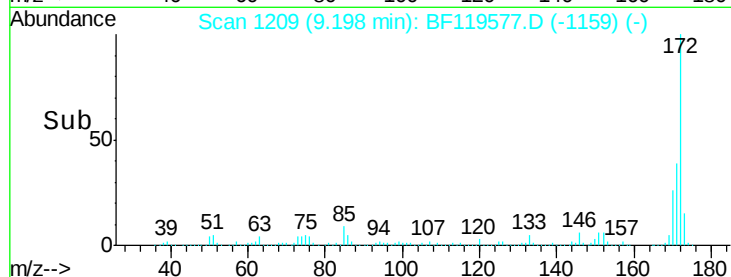
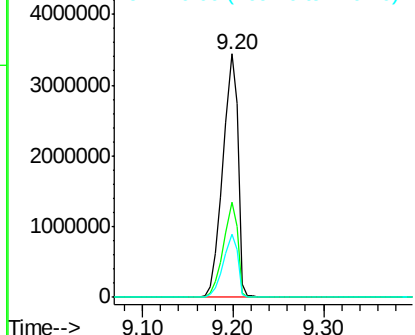
#45
 2-Fluorobiphenyl
 Concen: 98.72 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119577.D
 Acq: 27 Mar 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BL

Tgt Ion:172 Resp: 3937239
 Ion Ratio Lower Upper
 172 100
 171 39.0 29.6 44.4
 170 25.9 20.2 30.2

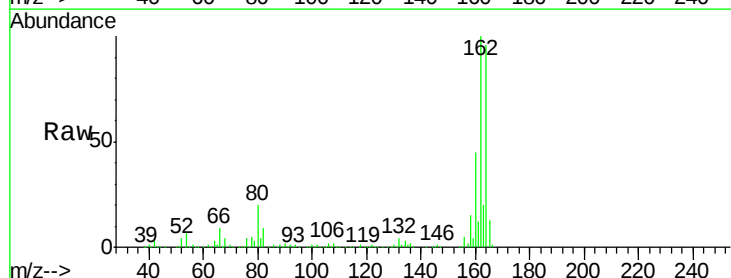


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

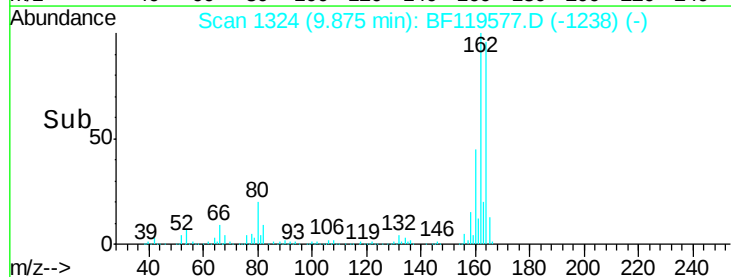
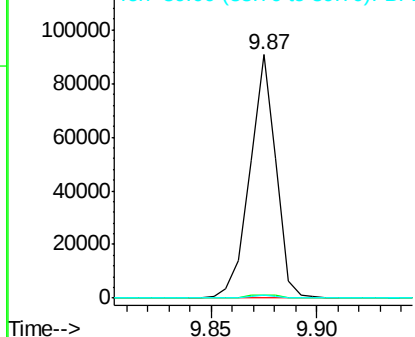


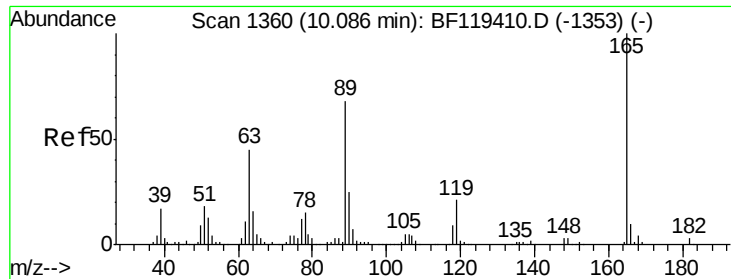
#51
 2,6-Dinitrotoluene
 Concen: 8.62 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119577.D
 Acq: 27 Mar 2020 19:56

Tgt Ion:165 Resp: 77571
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

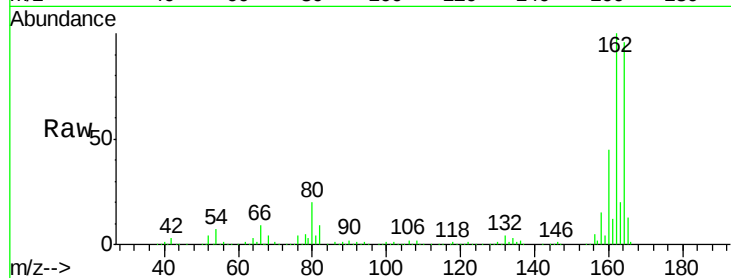




#57
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119577.D
 Acq: 27 Mar 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#

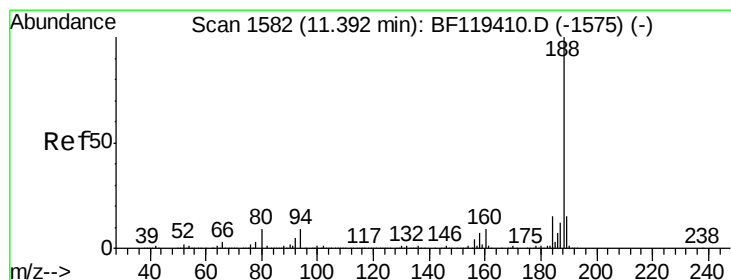
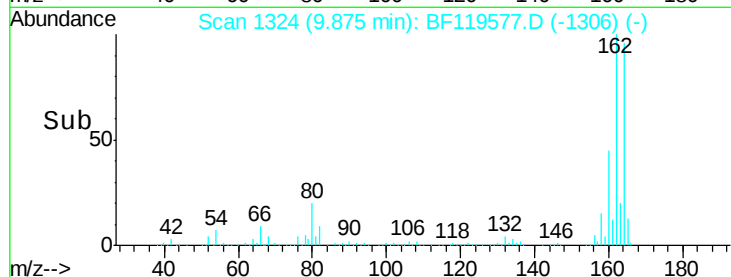
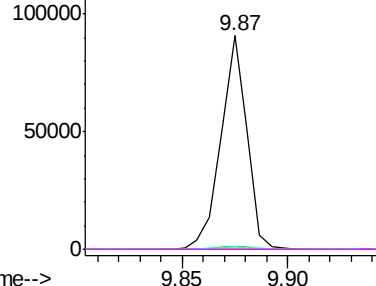


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

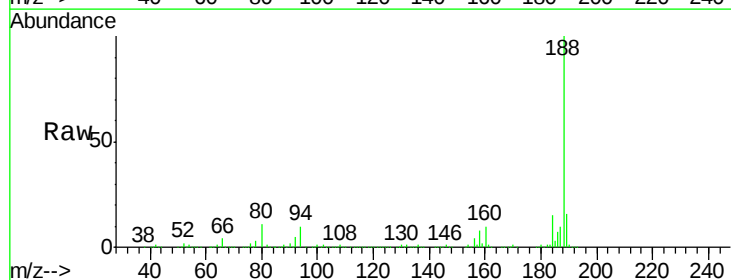
Ion 89.00 (88.70 to 89.70): BF1

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: BF119577.D
 Acq: 27 Mar 2020 19:56

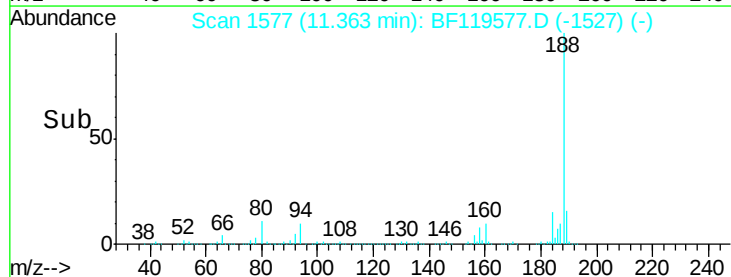
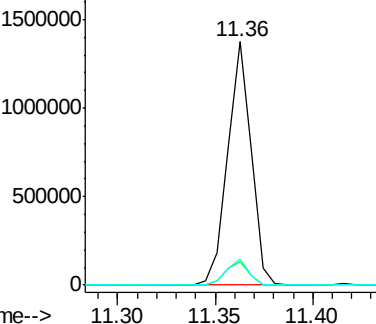
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.7	9.0	13.4

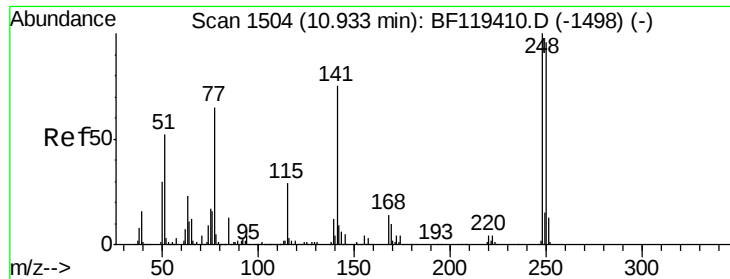


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

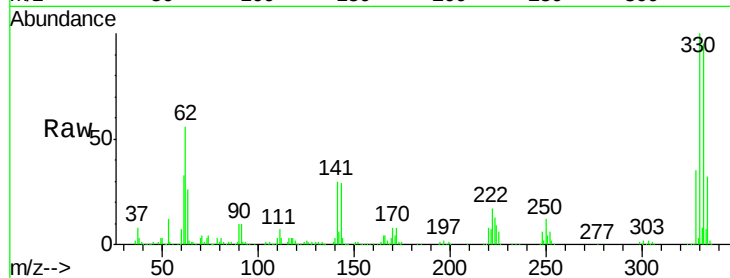




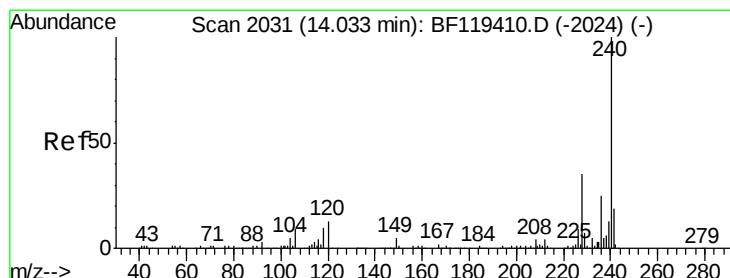
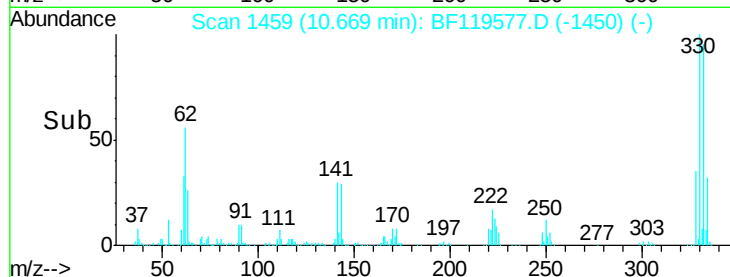
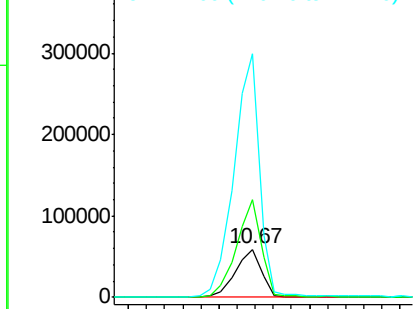
#67
 4-Bromophenyl-phenylether
 Concen: 4.52 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119577.D
 Acq: 27 Mar 2020 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127849BL

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.2	77.3	115.9#
141	504.8	58.6	87.8#

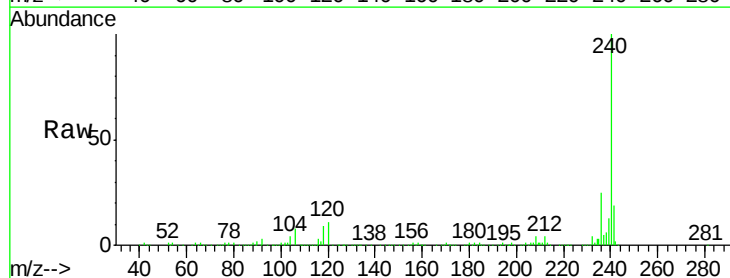


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

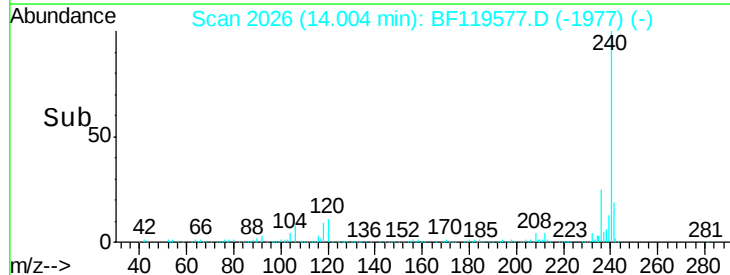
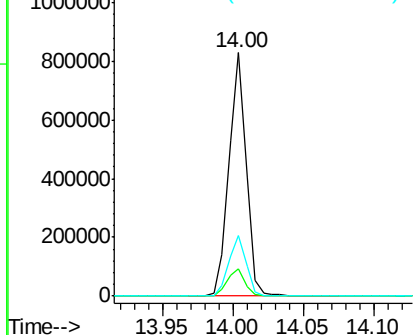


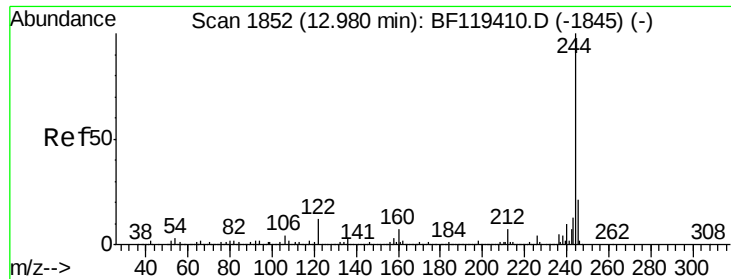
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119577.D
 Acq: 27 Mar 2020 19:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.6	15.8
236	24.6	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: 114.29 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119577.D

Acq: 27 Mar 2020 19:56

Instrument :

BNA_F

ClientSampleId :

PB127849BL

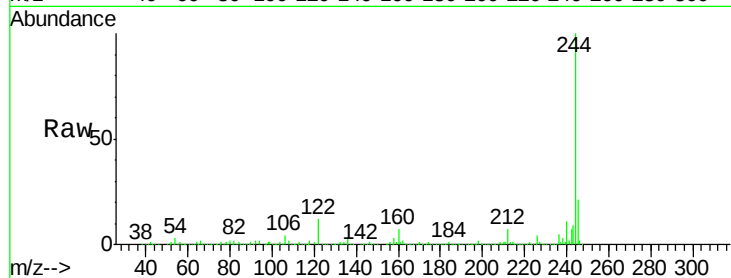
Tgt Ion:244 Resp: 4125490

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

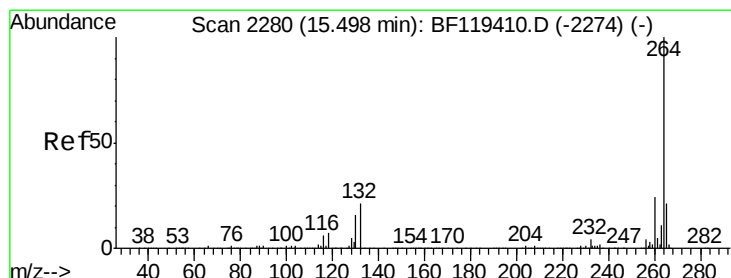
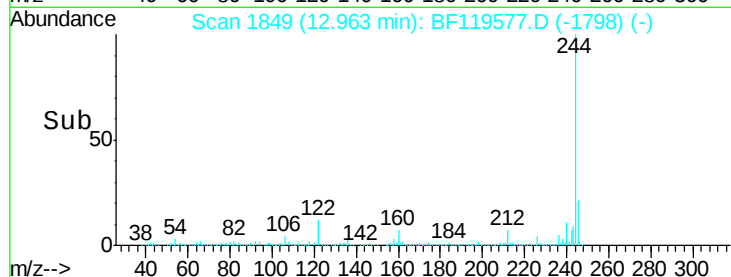
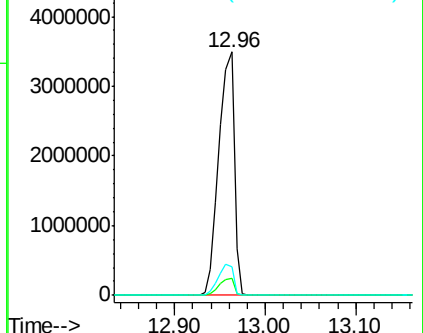
122 11.7 10.3 15.5



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF119577.D

Acq: 27 Mar 2020 19:56

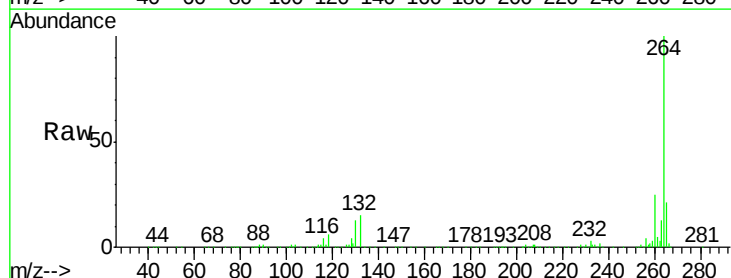
Tgt Ion:264 Resp: 559201

Ion Ratio Lower Upper

264 100

260 25.2 18.7 28.1

265 21.2 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

