

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042020\
 Data File : BF120076.D
 Acq On : 20 Apr 2020 14:29
 Operator : MA/SJ
 Sample : L2271-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Quant Time: Apr 20 15:04:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

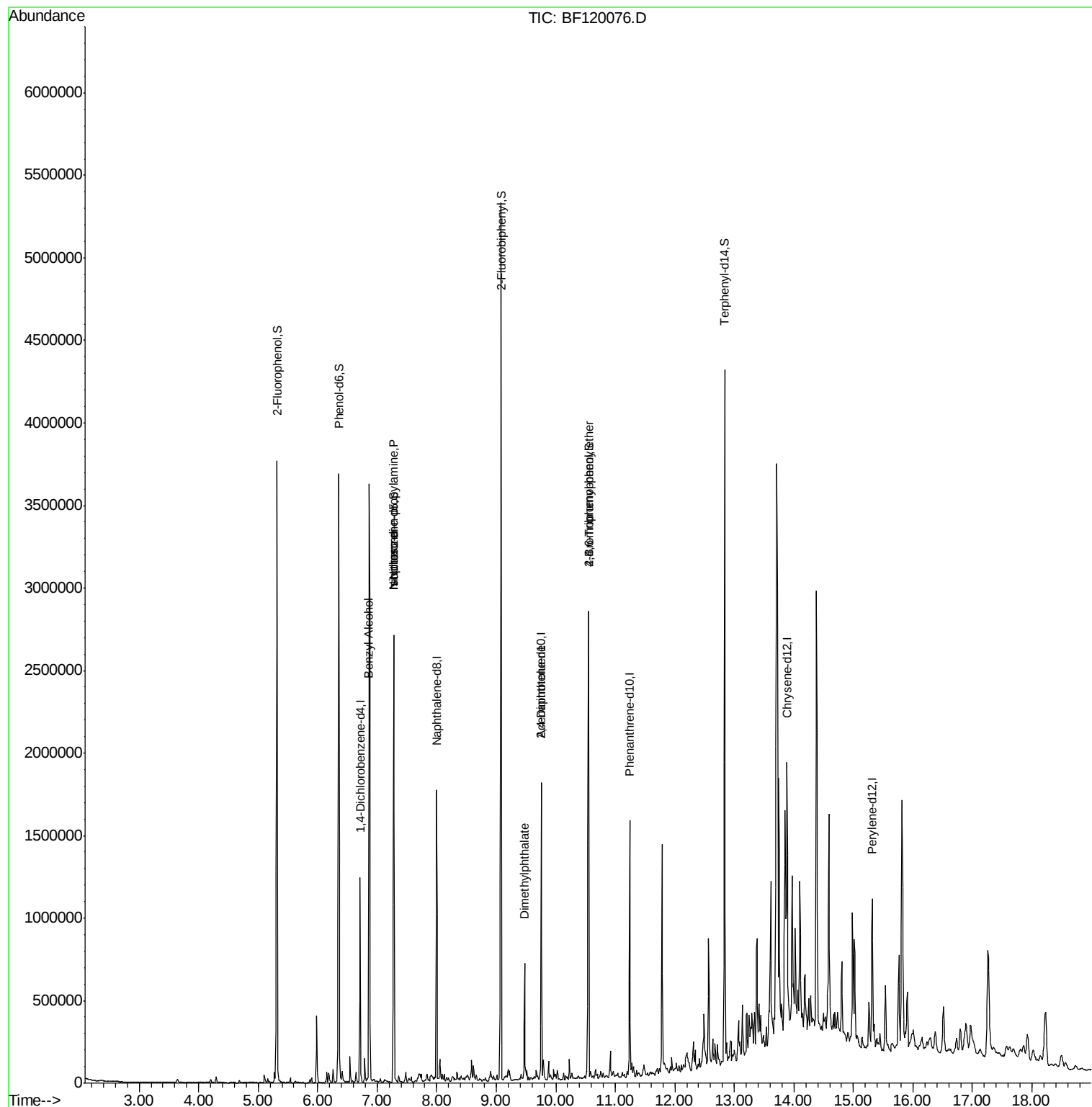
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	180213	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	688678	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	331825	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	596859	20.00	ng	0.00
76) Chrysene-d12	13.89	240	394314	20.00	ng	-0.01
87) Perylene-d12	15.32	264	362679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1069488	102.56	ng	0.00
7) Phenol-d6	6.36	99	1358974	101.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	900560	67.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	349423	86.01	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1701168	72.79	ng	0.00
79) Terphenyl-d14	12.84	244	1449846	61.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.26	77	18736	Below Cal		96
15) Benzyl Alcohol	6.86	79	34157	3.273 ng	#	9
19) n-Nitroso-di-n-propylamine	7.28	70	119415	13.820 ng	#	77
25) Isophorone	7.28	82	886168	34.533 ng	#	65
50) Dimethylphthalate	9.47	163	240007	9.351 ng		99
57) 2,4-Dinitrotoluene	9.76	165	42019	5.674 ng	#	23
67) 4-Bromophenyl-phenylether	10.55	248	21840	2.942 ng	#	1

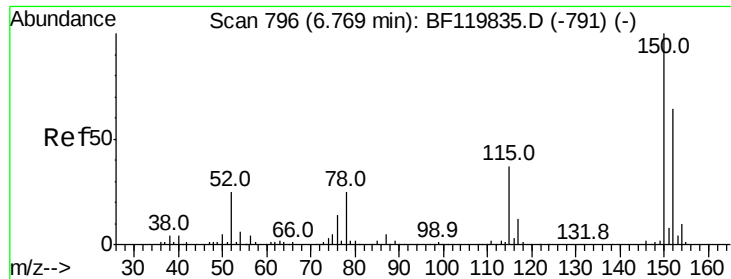
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042020\
Data File : BF120076.D
Acq On : 20 Apr 2020 14:29
Operator : MA/SJ
Sample : L2271-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-1

Quant Time: Apr 20 15:04:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration



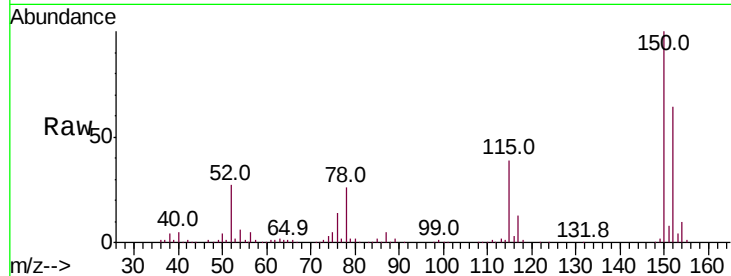


#1

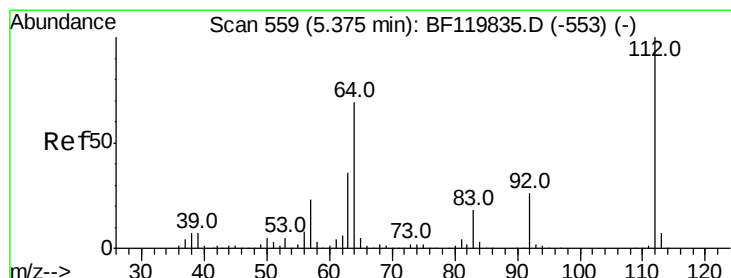
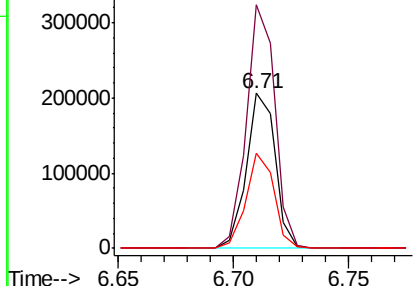
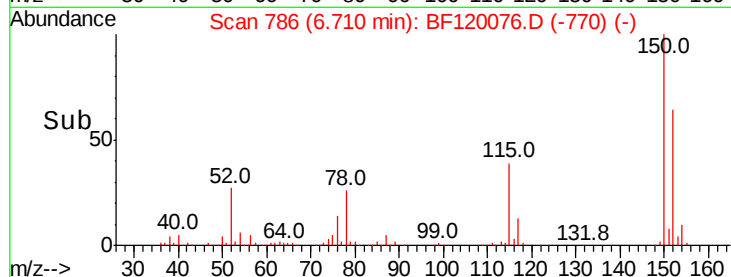
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Instrument :
BNA_F
ClientSampleId :
BG-1

Tot Ion:152 Resp: 180213
Ion Ratio Lower Upper
152 100
150 157.0 124.8 187.2
115 61.1 46.5 69.7



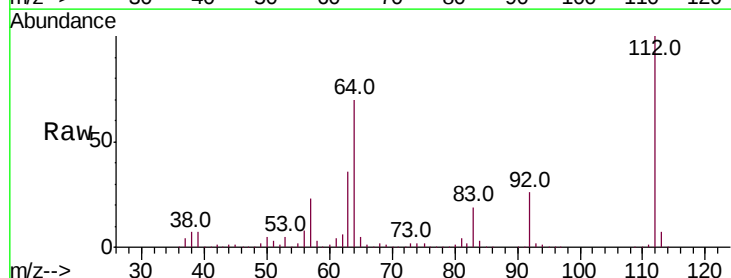
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



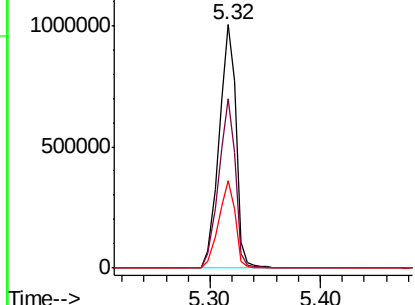
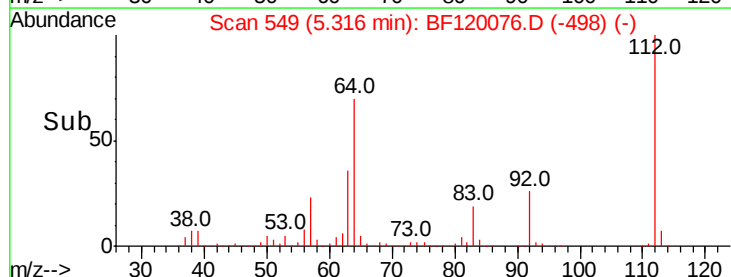
#5

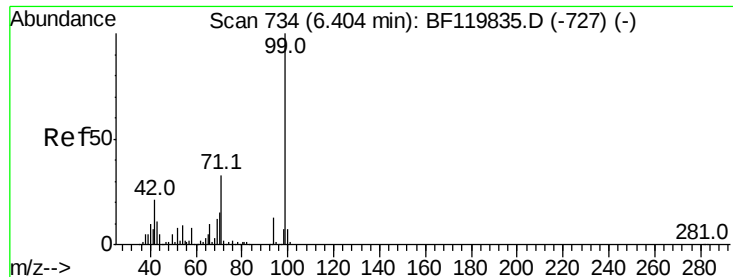
2-Fluorophenol
Concen: 102.560 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Tgt Ion:112 Resp: 1069488
Ion Ratio Lower Upper
112 100
64 69.5 55.5 83.3
63 35.9 29.1 43.7



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: 101.138 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

Instrument :

BNA_F

ClientSampleId :

BG-1

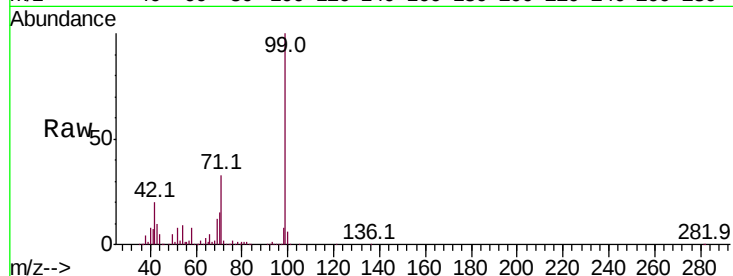
Tot Ion: 99 Resp: 1358974

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

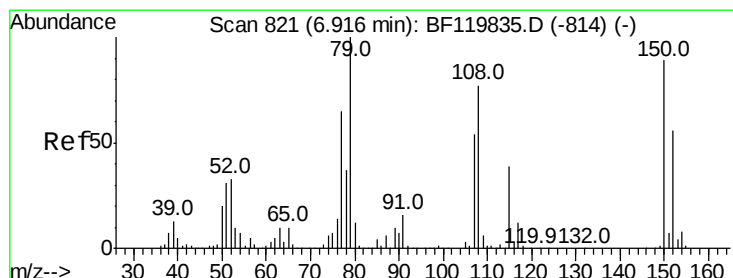
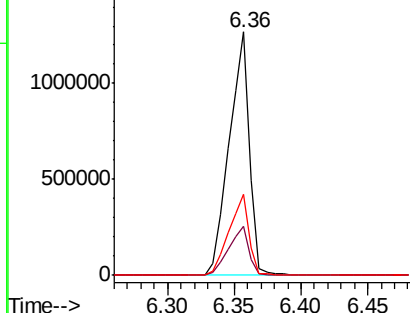
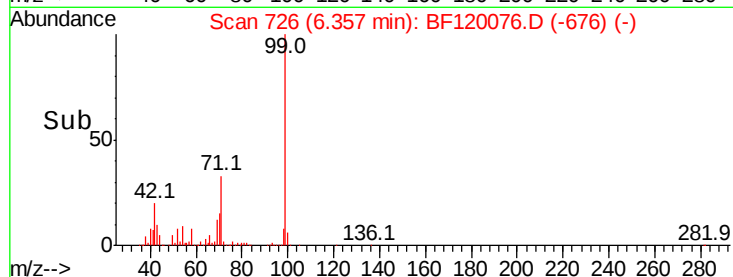
71 33.1 26.3 39.5



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



#15

Benzyl Alcohol

Concen: 3.273 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

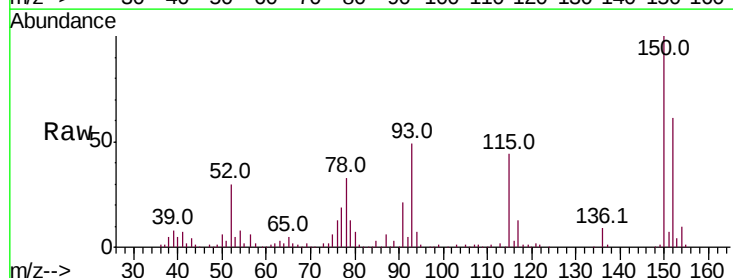
Tgt Ion: 79 Resp: 34157

Ion Ratio Lower Upper

79 100

108 11.0 62.0 93.0#

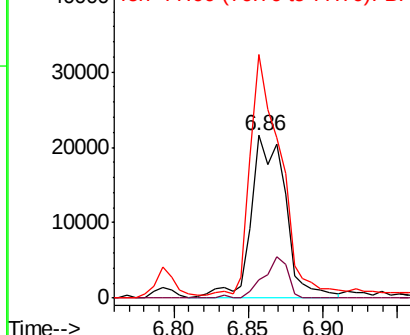
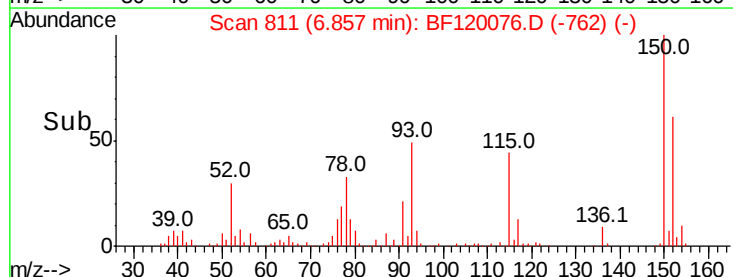
77 149.9 51.8 77.6#

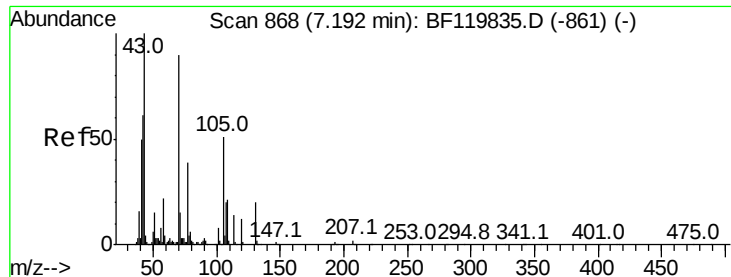


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

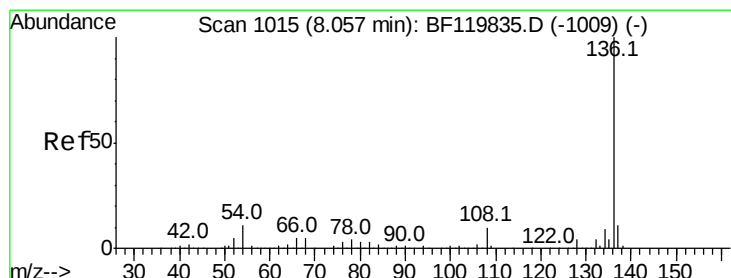
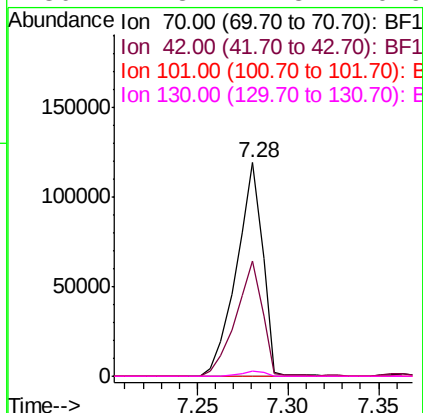
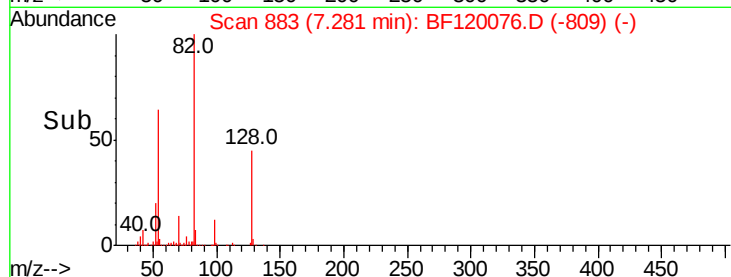
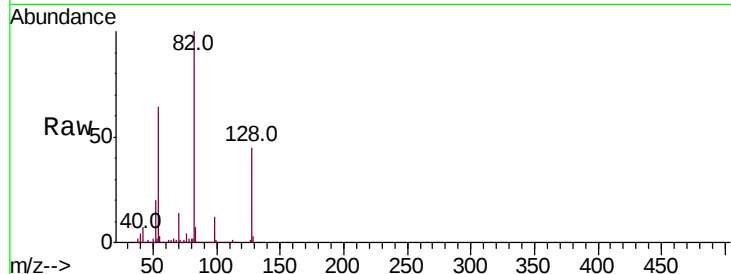




#19
n-Nitroso-di-n-propylamine
Concen: 13.820 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

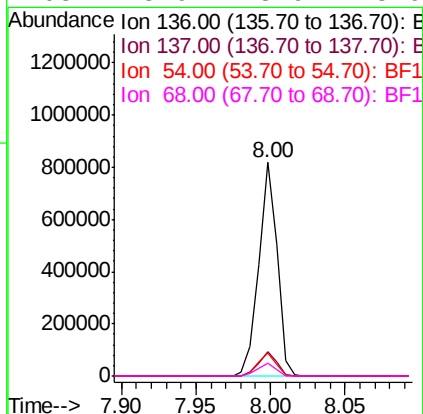
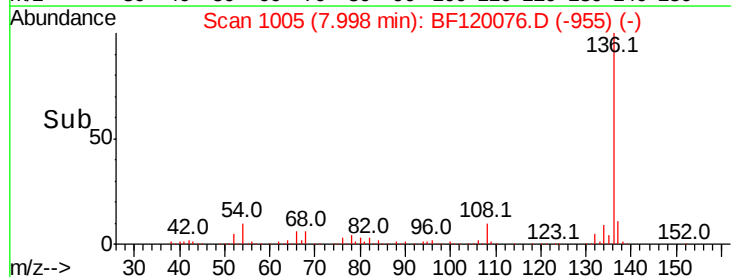
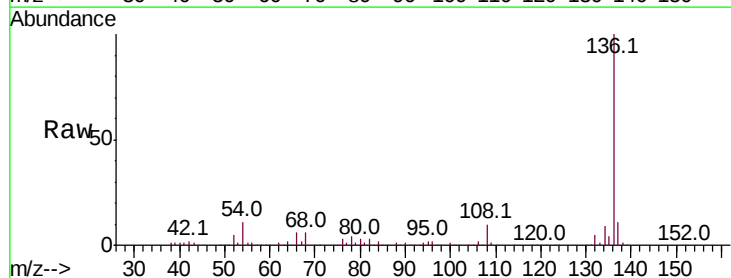
Instrument :
BNA_F
ClientSampled :
BG-1

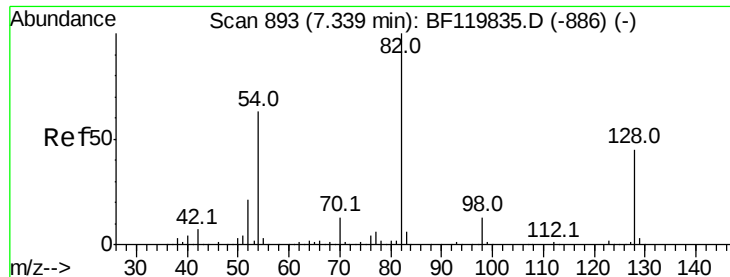
Tot Ion: 70 Resp: 119415
Ion Ratio Lower Upper
70 100
42 54.2 54.2 81.4#
101 0.0 7.4 11.2#
130 2.3 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF120076.D
Acq: 20 Apr 2020 14:29

Tgt Ion: 136 Resp: 688678
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.5 8.5 12.7
68 5.9 3.9 5.9#





#23

Nitrobenzene-d5

Concen: 67.650 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

Instrument :

BNA_F

ClientSampled :

BG-1

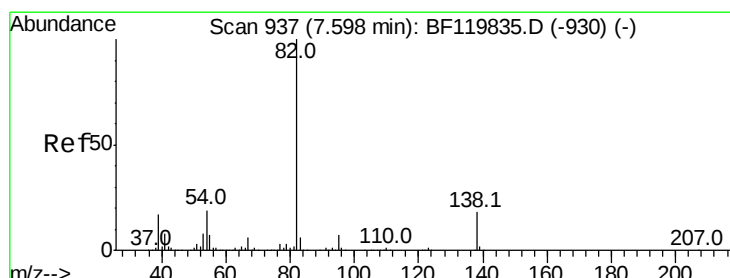
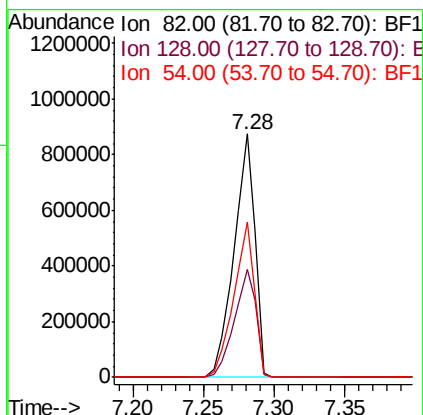
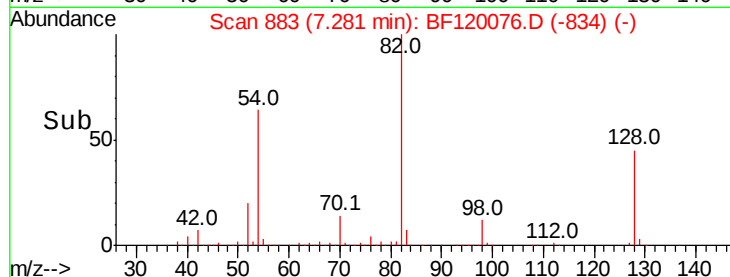
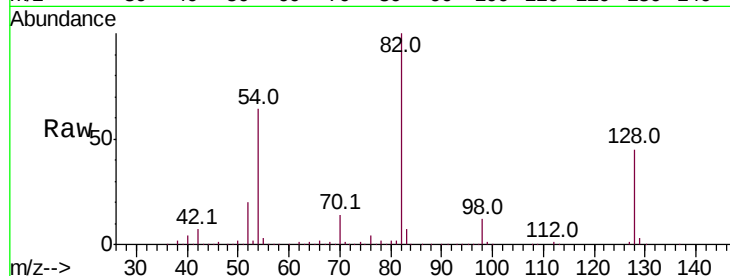
Tot Ion: 82 Resp: 900560

Ion Ratio Lower Upper

82 100

128 44.5 36.2 54.4

54 64.0 50.4 75.6



#25

Isophorone

Concen: 34.533 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

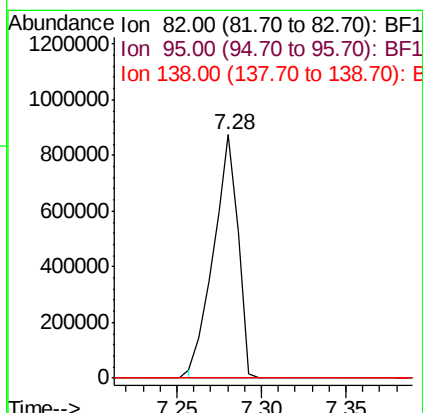
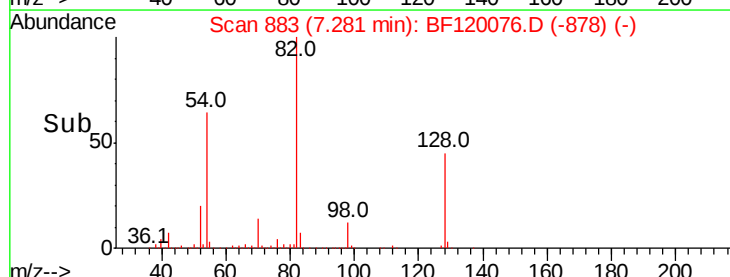
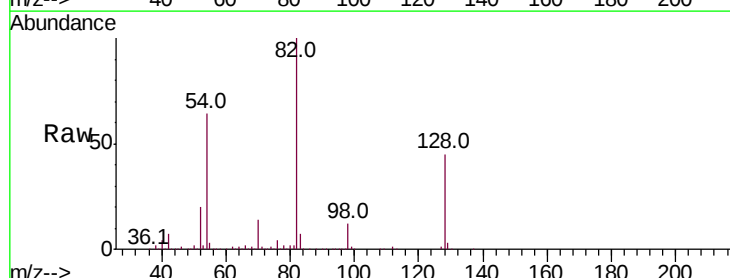
Tgt Ion: 82 Resp: 886168

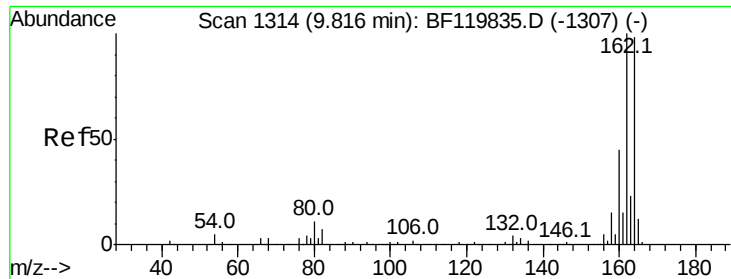
Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

138 0.0 14.5 21.7#

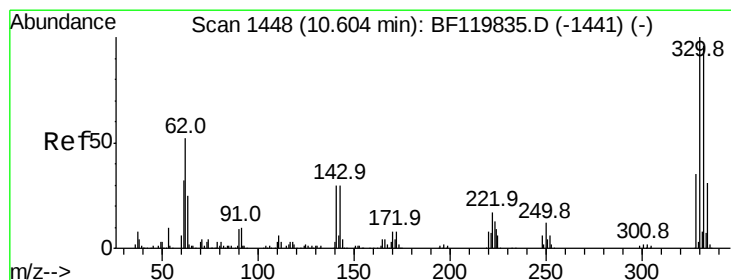
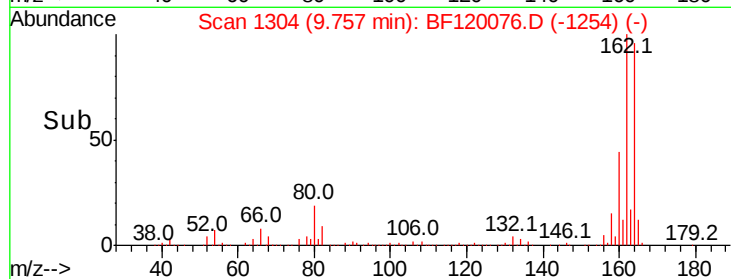
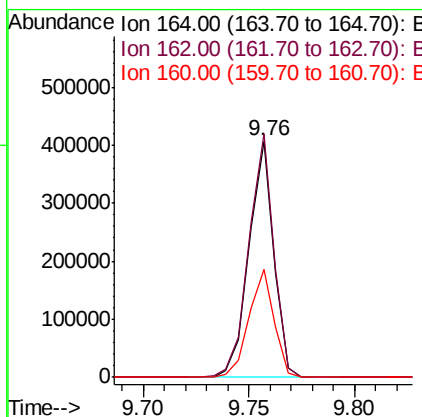
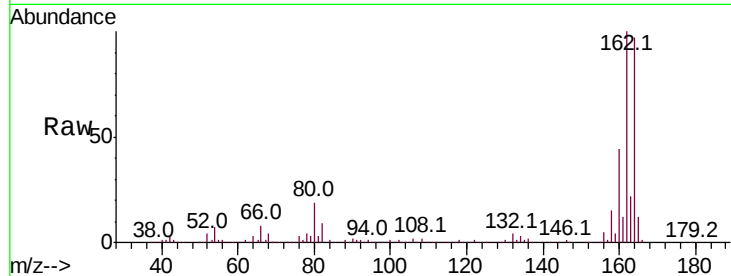




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

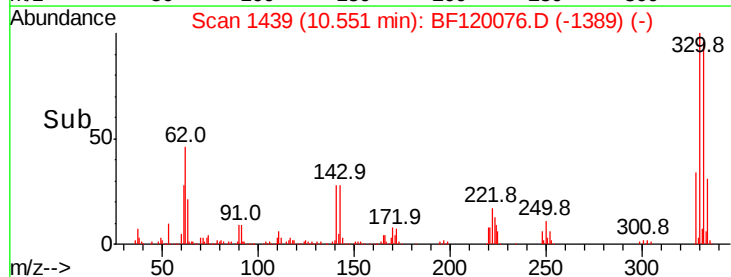
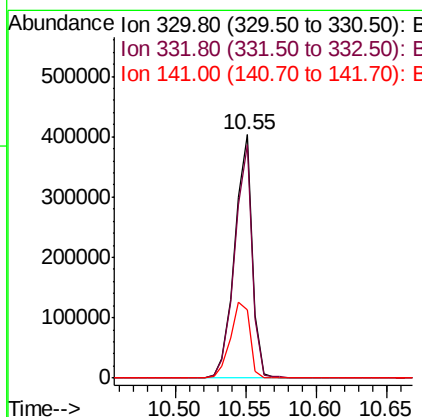
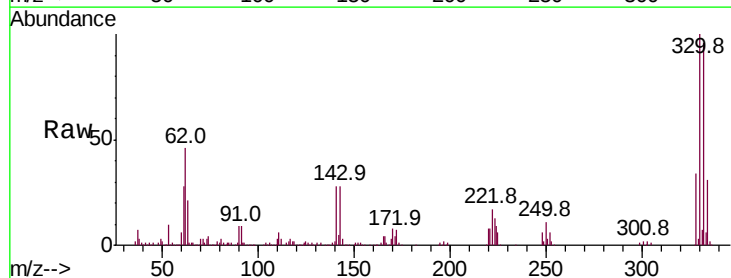
Instrument :
 BNA_F
 ClientSampled :
 BG-1

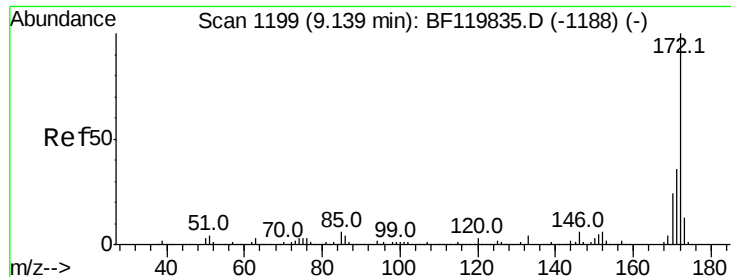
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.9	122.9
160	45.9	36.6	54.8



#42
 2,4,6-Tribromophenol
 Concen: 86.008 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	35.1	25.1	37.7



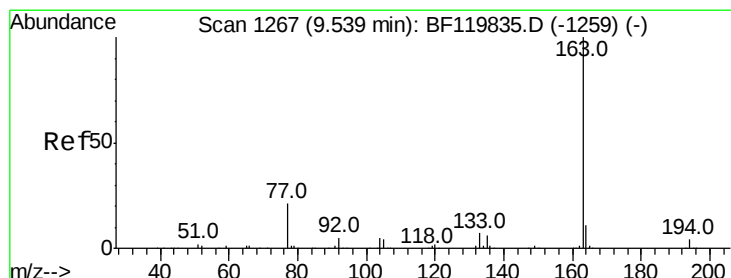
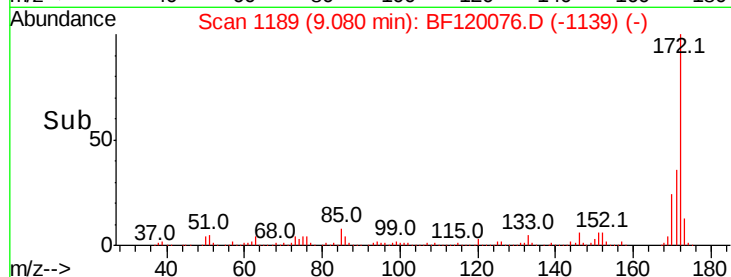
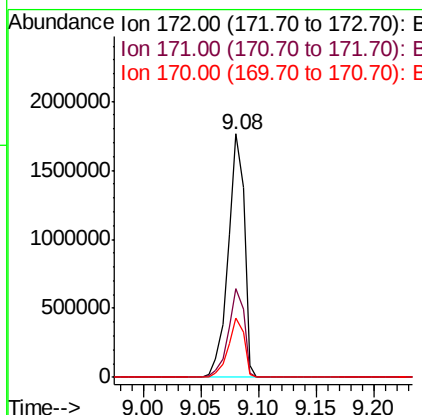
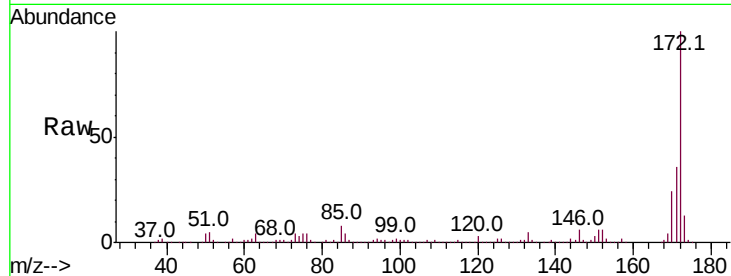


#45
 2-Fluorobiphenyl
 Concen: 72.788 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Tot Ion:172 Resp: 1701168

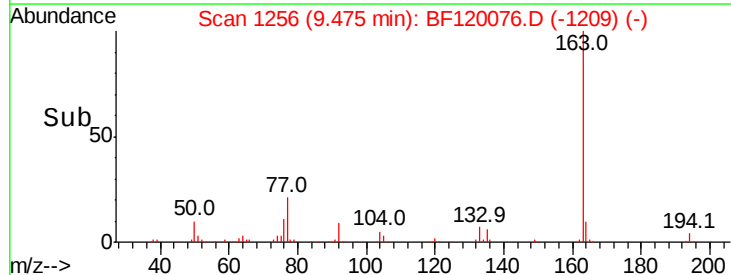
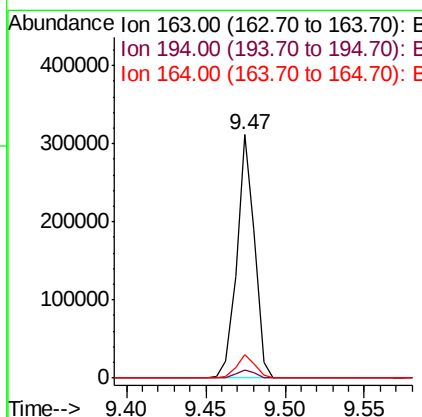
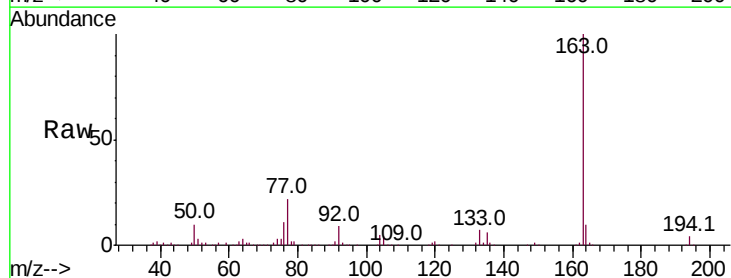
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.3	19.4	29.2

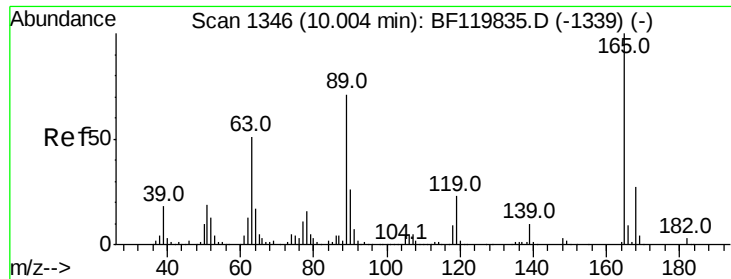


#50
 Dimethylphthalate
 Concen: 9.351 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Tgt Ion:163 Resp: 240007

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.8	8.4	12.6

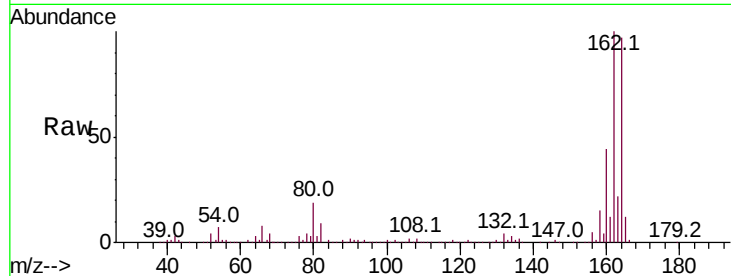




#57
 2,4-Dinitrotoluene
 Concen: 5.674 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.8	61.2#
89	1.4	56.9	85.3#
182	0.0	2.0	3.0#

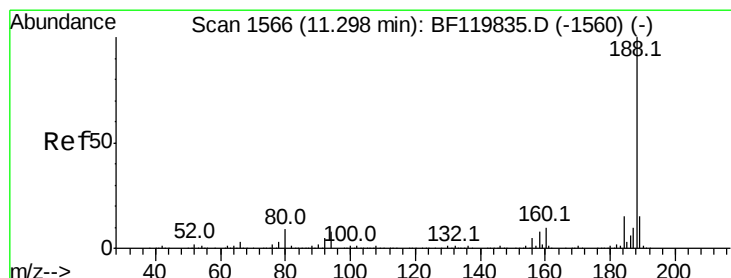
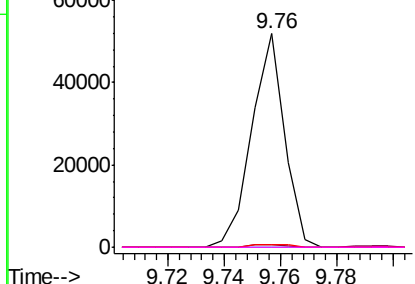
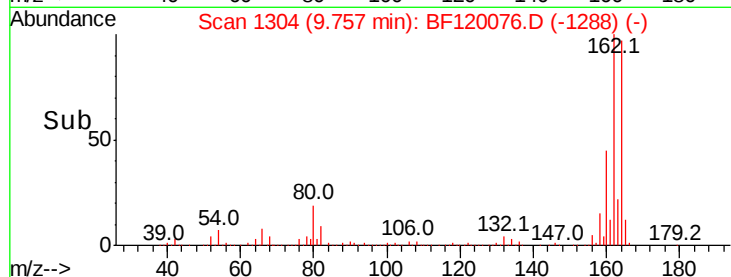


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

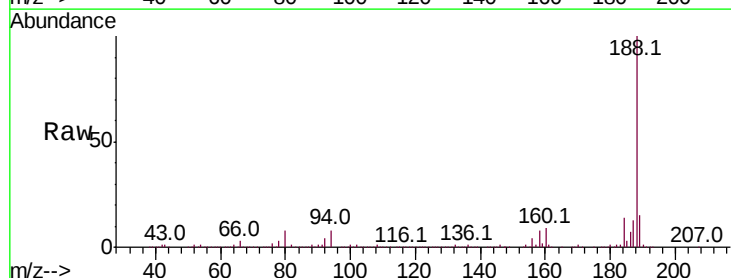
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

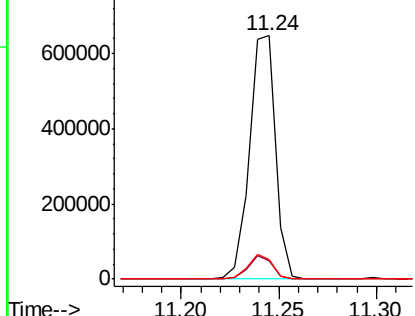
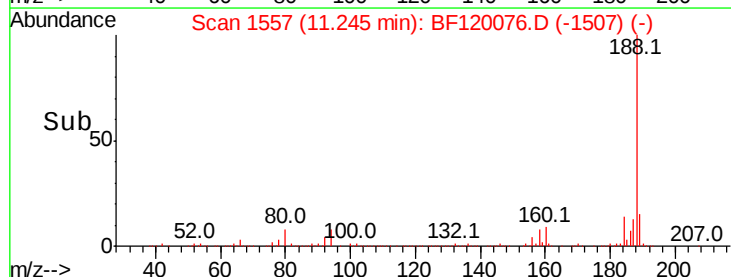
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	7.8	7.4	11.2

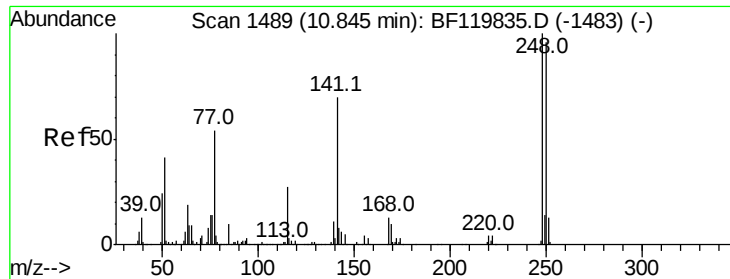


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

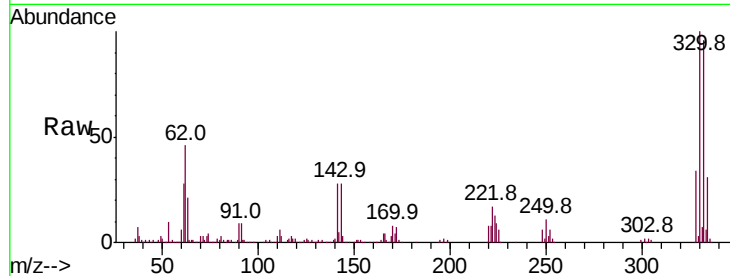




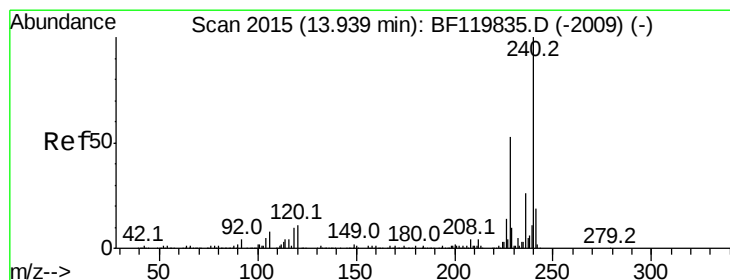
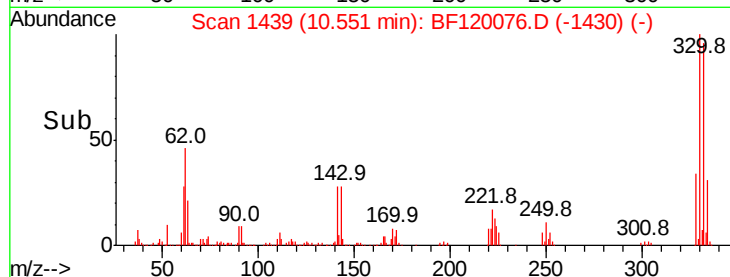
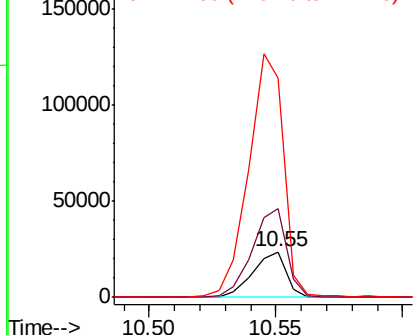
#67
 4-Bromophenyl-phenylether
 Concen: 2.942 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Tot Ion:248 Resp: 21840
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.6 114.8#
 141 481.2 55.9 83.9#

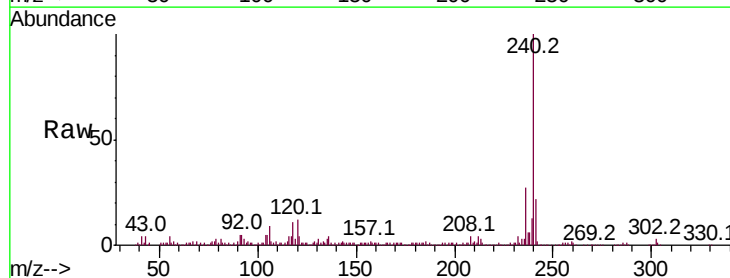


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

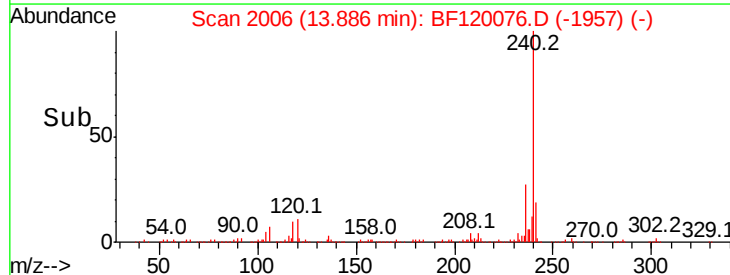
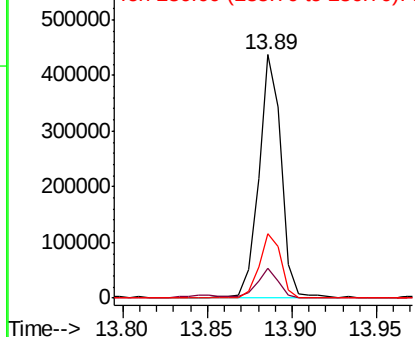


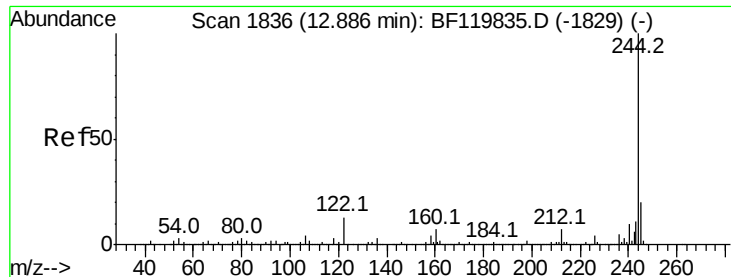
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120076.D
 Acq: 20 Apr 2020 14:29

Tgt Ion:240 Resp: 394314
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.0 13.6
 236 26.6 20.7 31.1



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: 61.869 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

Instrument :

BNA_F

ClientSampleId :

BG-1

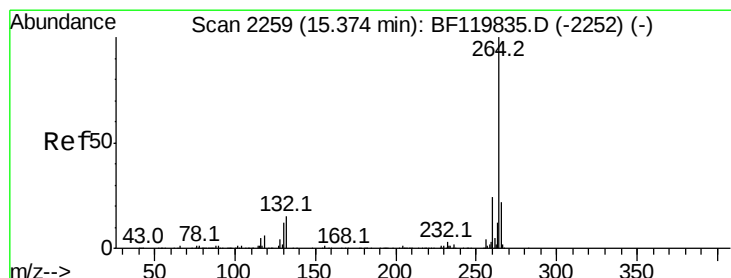
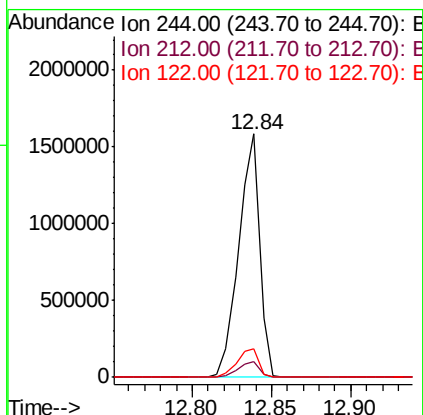
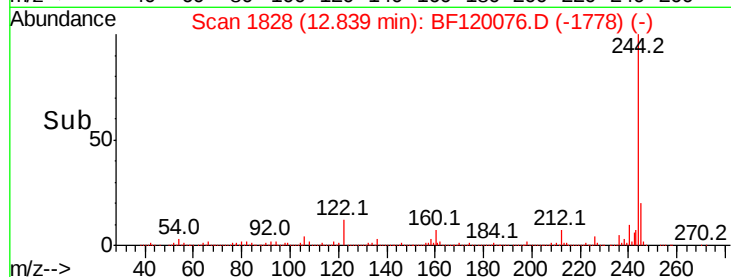
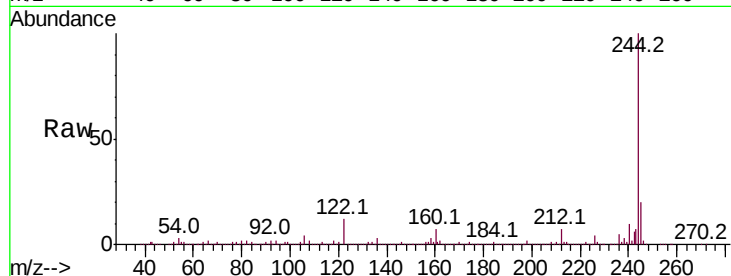
Tot Ion:244 Resp: 1449846

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.5 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF120076.D

Acq: 20 Apr 2020 14:29

Tgt Ion:264 Resp: 362679

Ion Ratio Lower Upper

264 100

260 22.3 19.3 28.9

265 21.2 17.6 26.4

