

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120234.D
 Acq On : 30 Apr 2020 12:34
 Operator : MA/SJ
 Sample : PB128568BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BL

Quant Time: Apr 30 13:09:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

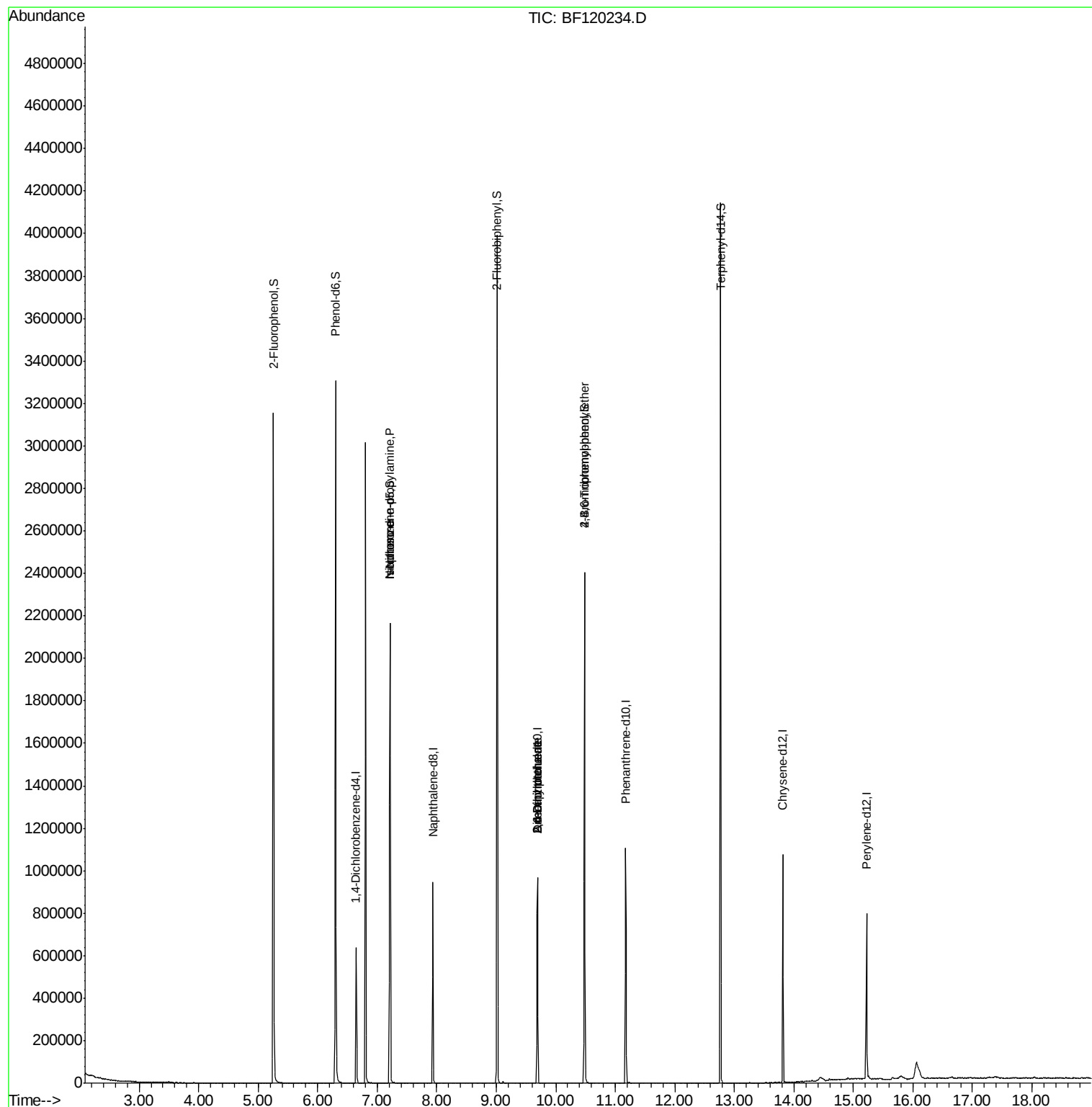
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	98272	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	362258	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	187723	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	389886	20.00	ng	0.00
76) Chrysene-d12	13.82	240	332260	20.00	ng	-0.01
87) Perylene-d12	15.22	264	328556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	863961	151.93	ng	0.00
7) Phenol-d6	6.30	99	1073118	146.46	ng	0.00
23) Nitrobenzene-d5	7.22	82	658161	93.99	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	279163	121.46	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1287433	97.37	ng	0.00
79) Terphenyl-d14	12.77	244	1624668	82.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	1233	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	86035	18.260 ng	#	74
25) Isophorone	7.22	82	658147	48.757 ng	#	65
50) Dimethylphthalate	9.69	163	40997	2.823 ng	#	1
51) 2,6-Dinitrotoluene	9.69	165	23643	7.436 ng	#	27
57) 2,4-Dinitrotoluene	9.69	165	23643	5.644 ng	#	20
67) 4-Bromophenyl-phenylether	10.49	248	17443	3.598 ng	#	1

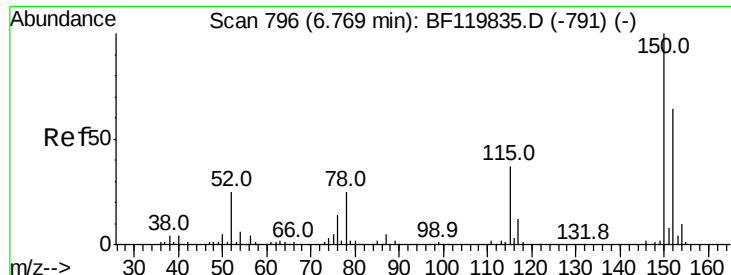
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
Data File : BF120234.D
Acq On : 30 Apr 2020 12:34
Operator : MA/SJ
Sample : PB128568BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128568BL

Quant Time: Apr 30 13:09:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration



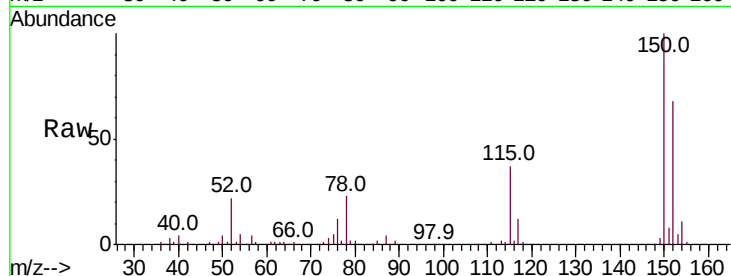


#1

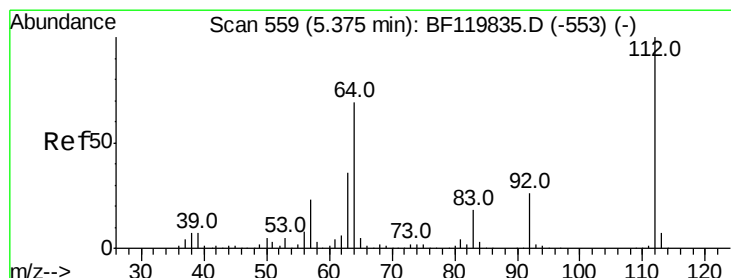
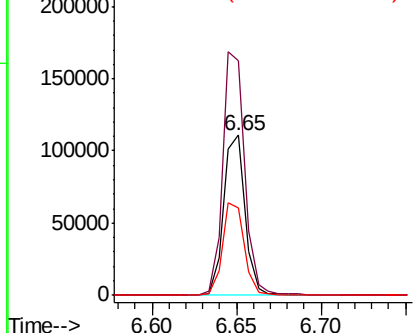
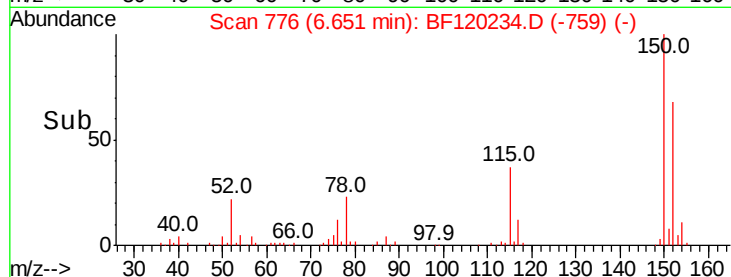
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Instrument :
BNA_F
ClientSampleId :
PB128568BL

Tot Ion:152 Resp: 98272
Ion Ratio Lower Upper
152 100
150 146.7 124.5 186.7
115 54.4 49.6 74.4



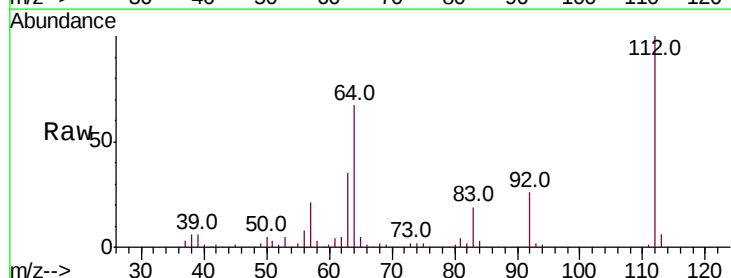
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



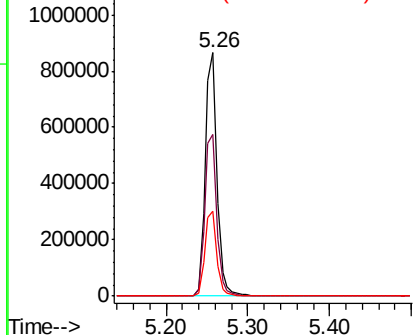
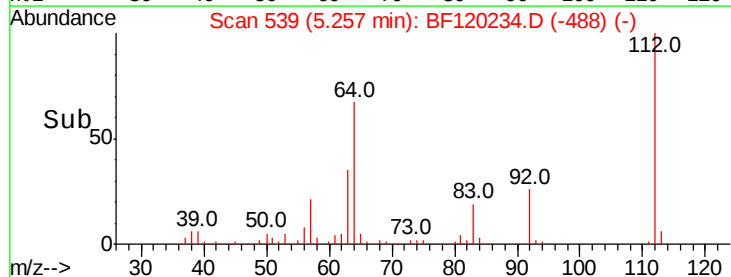
#5

2-Fluorophenol
Concen: 151.934 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Tgt Ion:112 Resp: 863961
Ion Ratio Lower Upper
112 100
64 66.6 56.7 85.1
63 34.7 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: 146.456 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Instrument :

BNA_F

ClientSampleId :

PB128568BL

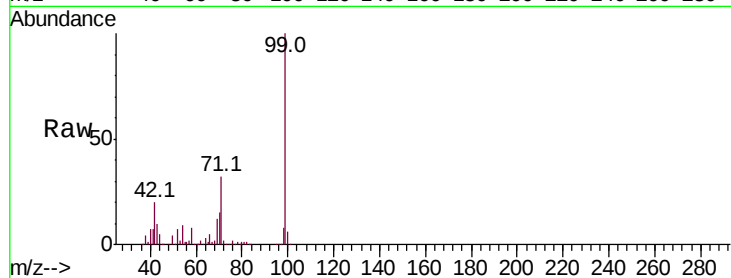
Tot Ion: 99 Resp: 1073118

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

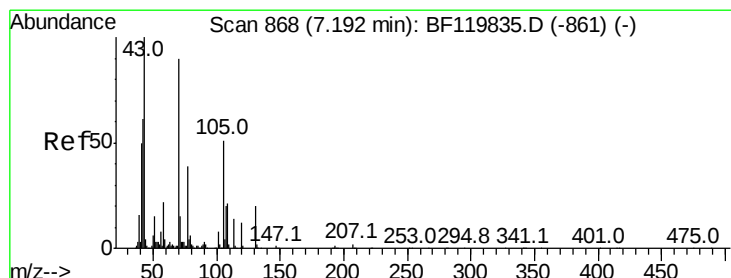
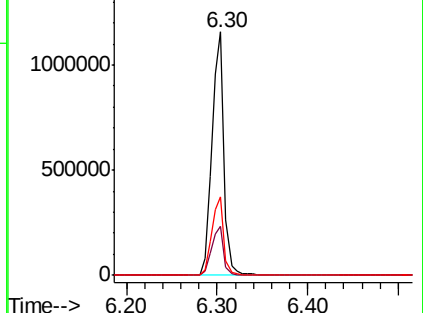
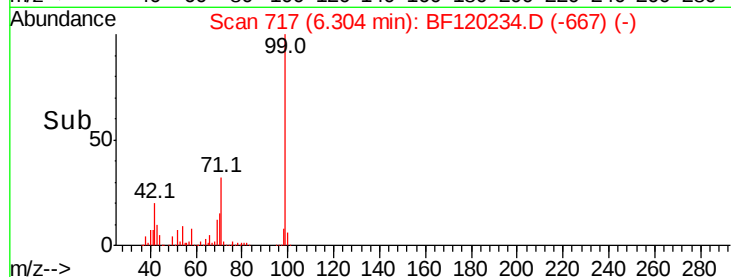
71 32.4 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.260 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Tgt Ion: 70 Resp: 86035

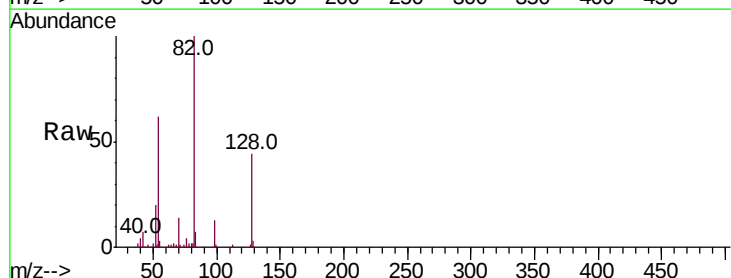
Ion Ratio Lower Upper

70 100

42 51.3 54.5 81.7#

101 0.0 7.6 11.4#

130 1.9 17.6 26.4#

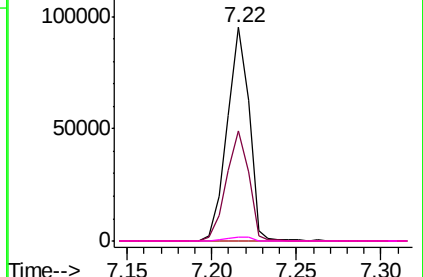
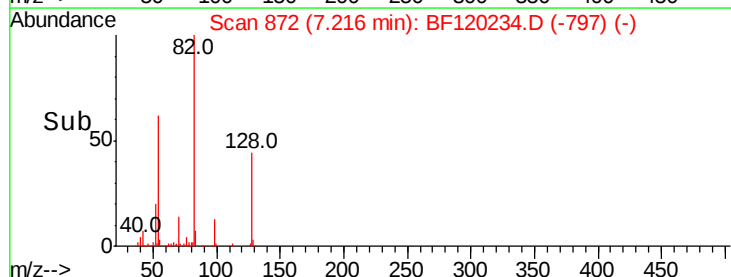


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

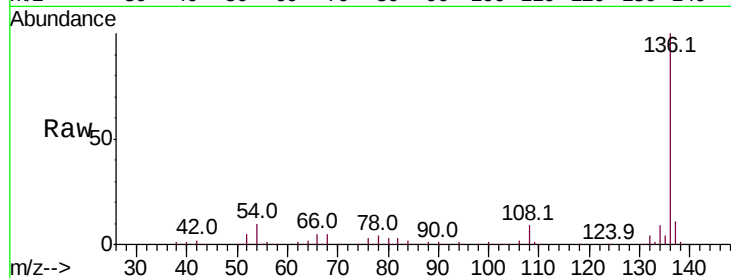




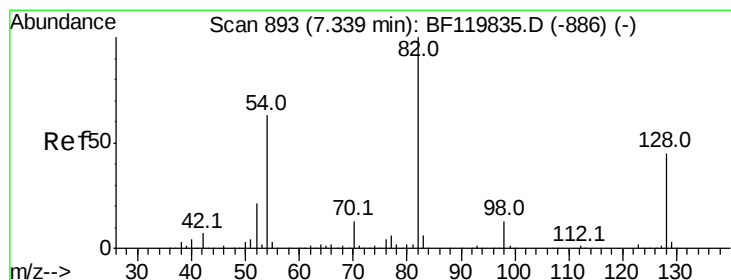
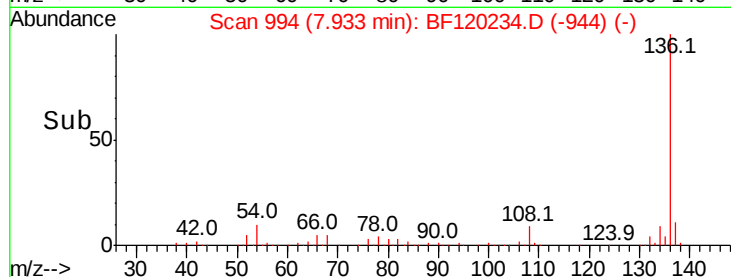
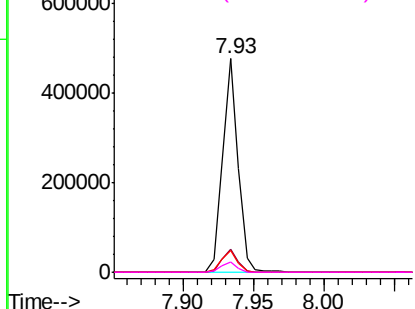
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Instrument :
BNA_F
ClientSampleId :
PB128568BL

Tot Ion:	136	Resp:	362258
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	9.1	13.7
68	5.0	4.6	6.8

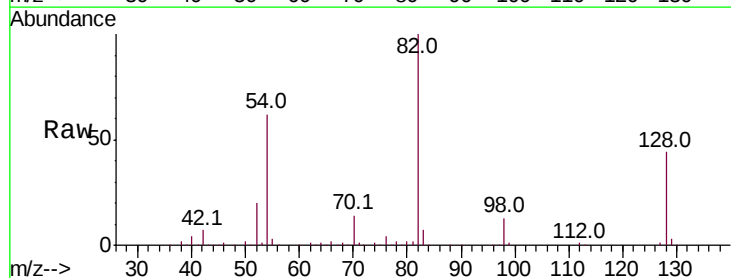


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

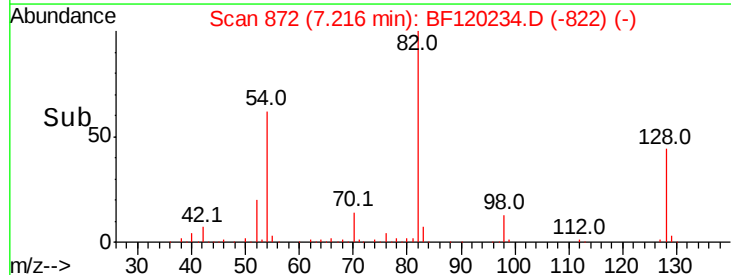
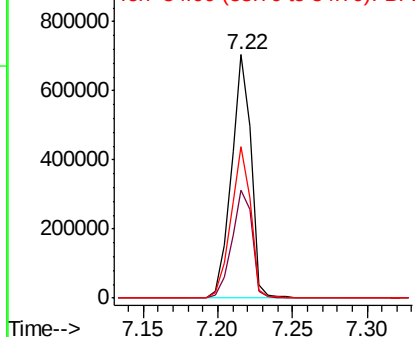


#23
Nitrobenzene-d5
Concen: 93.991 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120234.D
Acq: 30 Apr 2020 12:34

Tgt Ion:	82	Resp:	658161
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.3	54.5
54	62.4	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: 48.757 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Instrument :

BNA_F

ClientSampleId :

PB128568BL

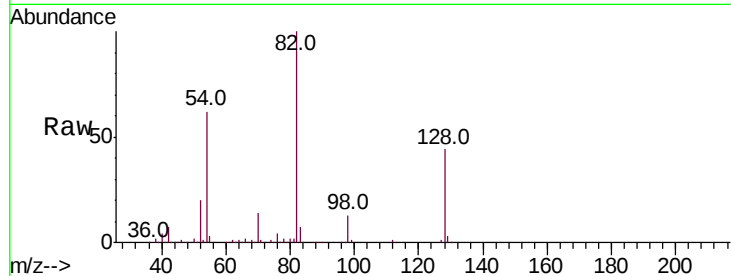
Tot Ion: 82 Resp: 658147

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

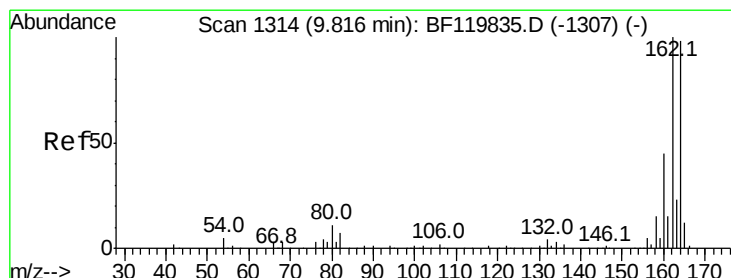
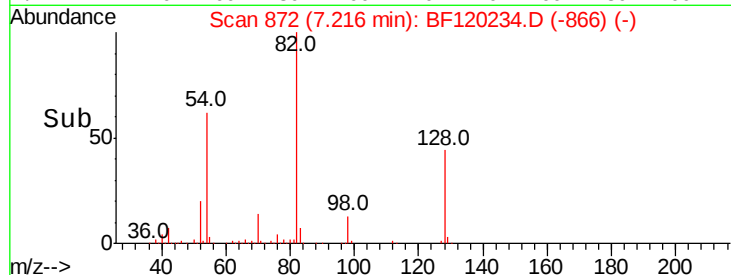
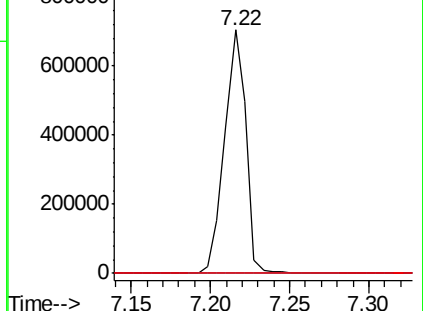
138 0.0 14.6 21.8#



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: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

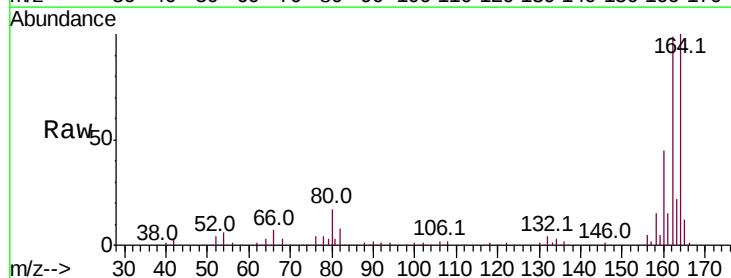
Tgt Ion:164 Resp: 187723

Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

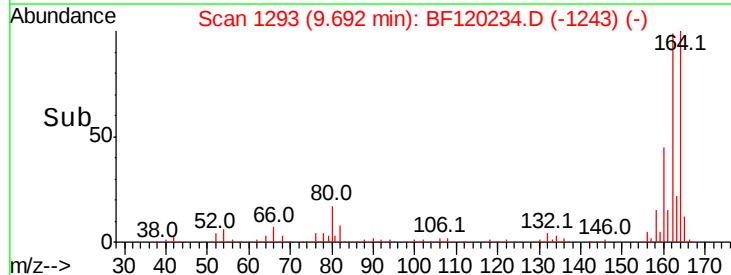
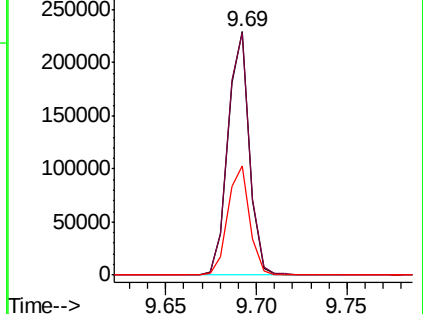
160 45.0 35.7 53.5

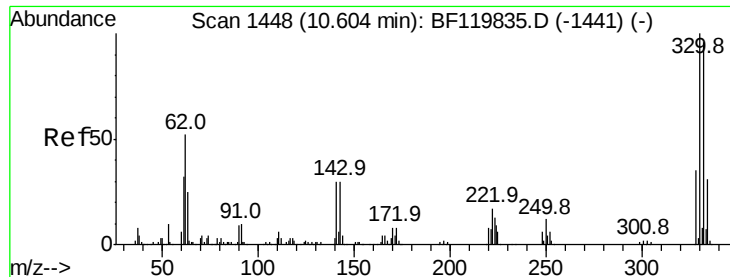


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

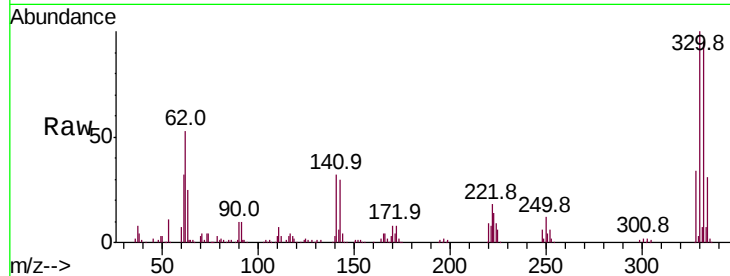




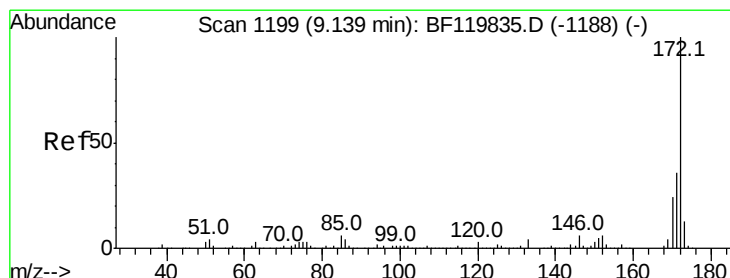
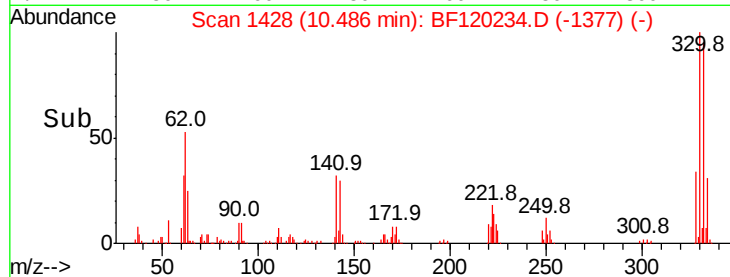
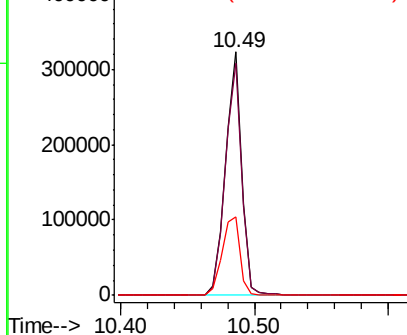
#42
 2,4,6-Tribromophenol
 Concen: 121.461 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	35.7	25.4	38.0

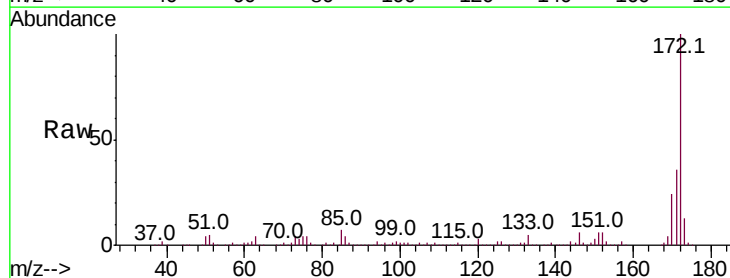


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

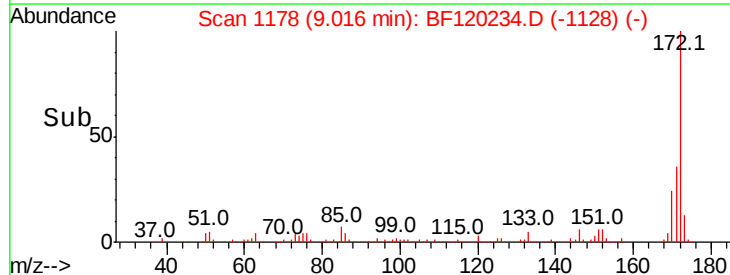
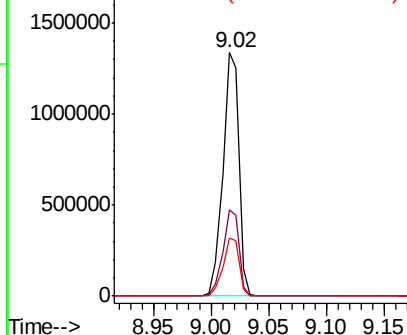


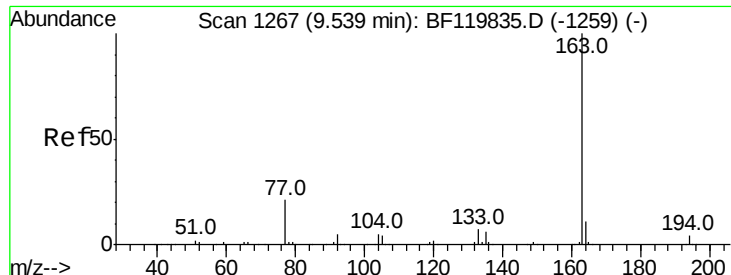
#45
 2-Fluorobiphenyl
 Concen: 97.371 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	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: 2.823 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.26 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Instrument :

BNA_F

ClientSampleId :

PB128568BL

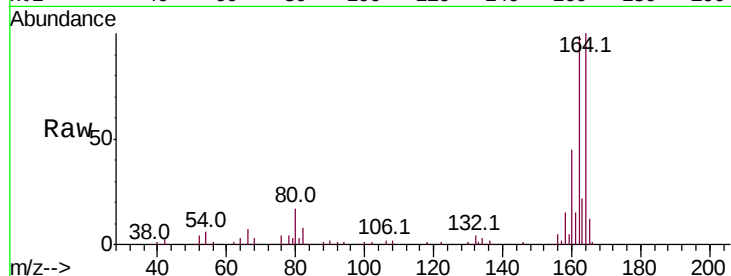
Tot Ion:163 Resp: 40997

Ion Ratio Lower Upper

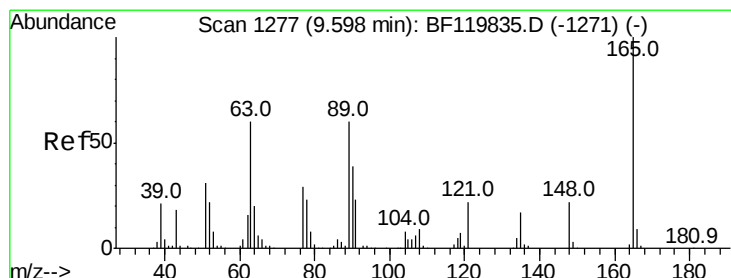
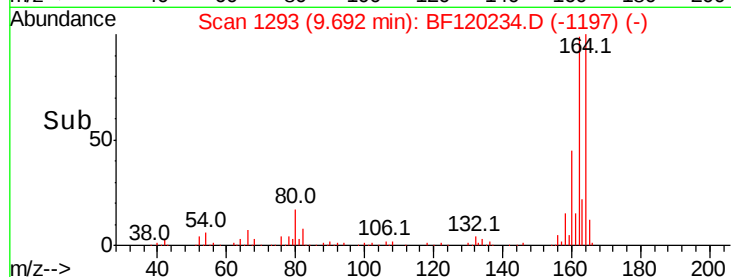
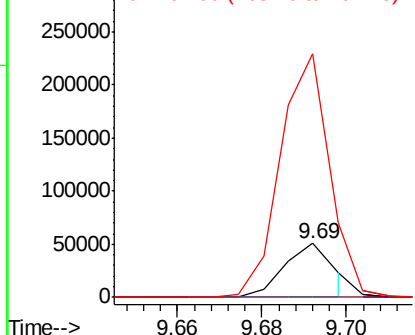
163 100

194 0.0 3.1 4.7#

164 449.8 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: 7.436 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.20 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

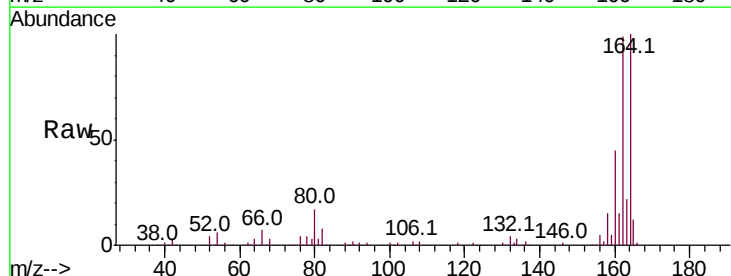
Tgt Ion:165 Resp: 23643

Ion Ratio Lower Upper

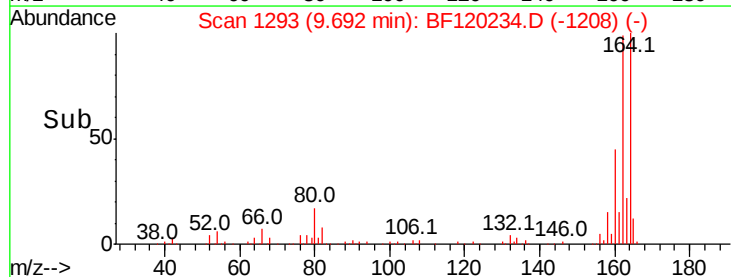
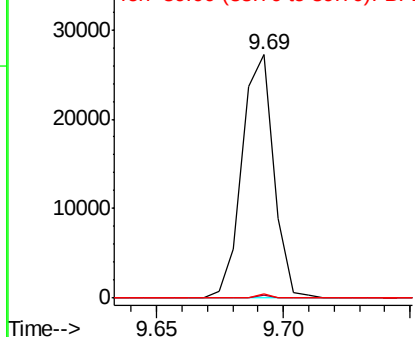
165 100

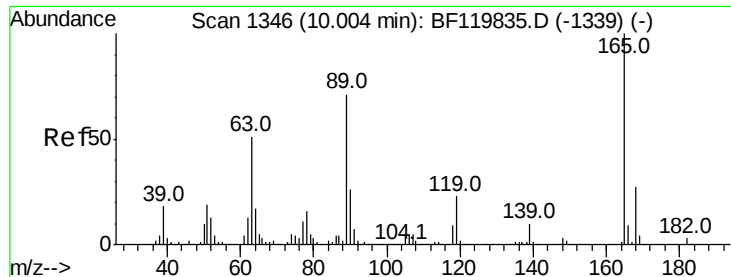
63 1.5 45.0 67.4#

89 1.7 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

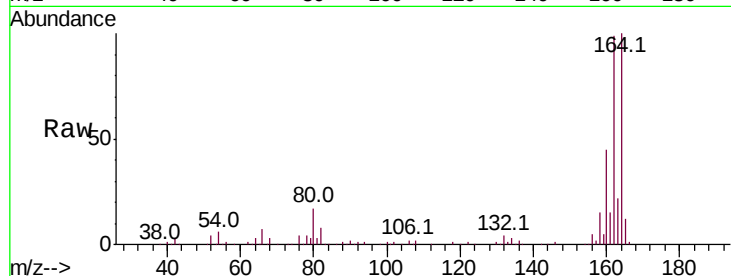




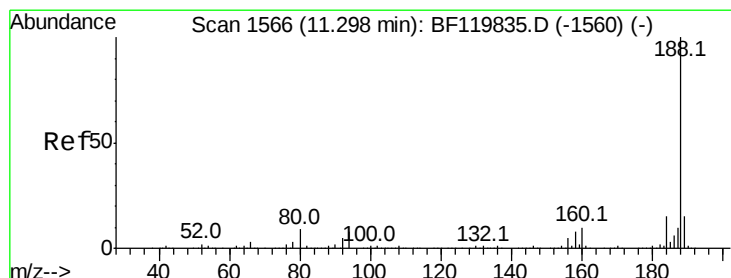
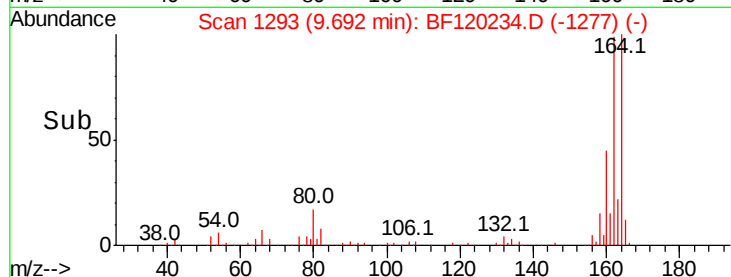
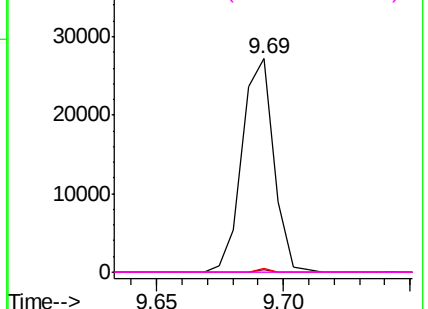
#57
 2,4-Dinitrotoluene
 Concen: 5.644 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BL

Tot Ion:165 Resp: 23643
 Ion Ratio Lower Upper
 165 100
 63 1.5 42.6 64.0#
 89 1.7 61.0 91.4#
 182 0.0 2.2 3.2#

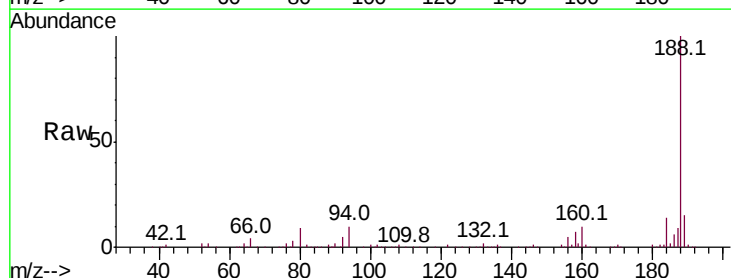


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

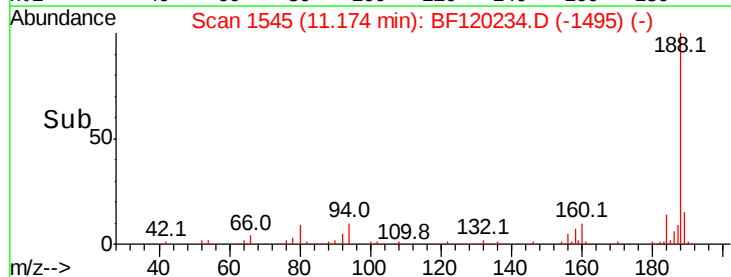
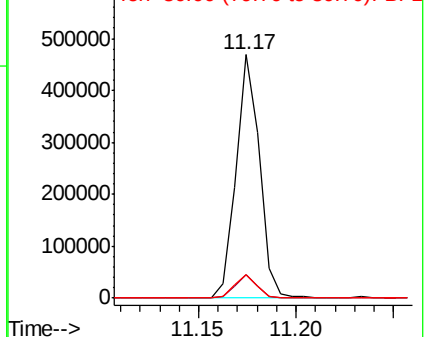


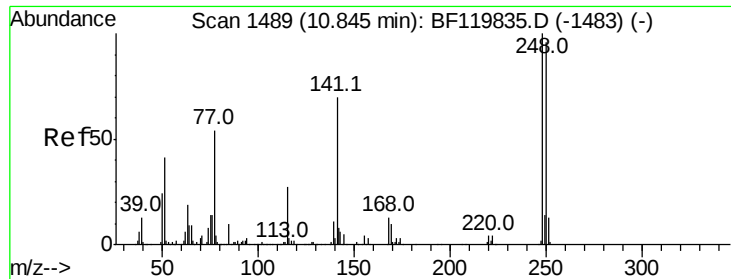
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Tgt Ion:188 Resp: 389886
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.5 11.3
 80 9.5 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

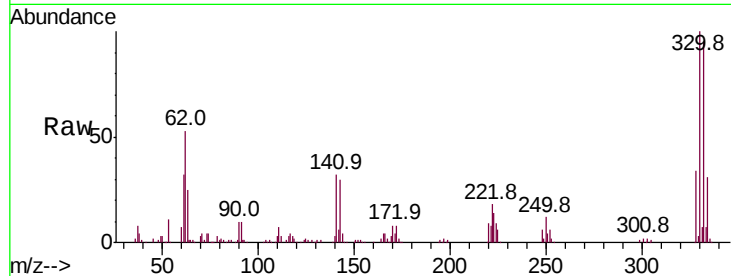




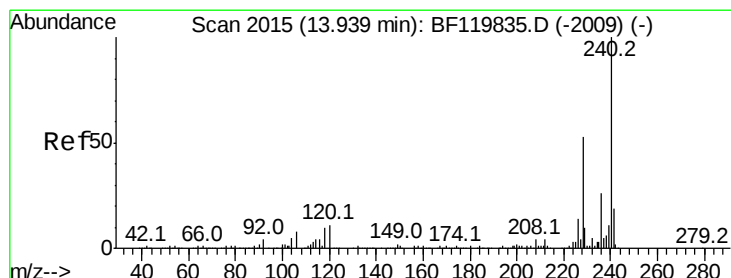
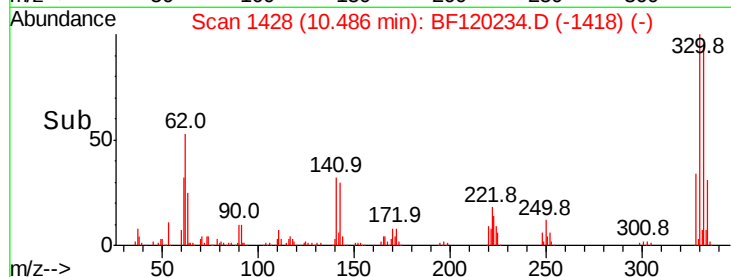
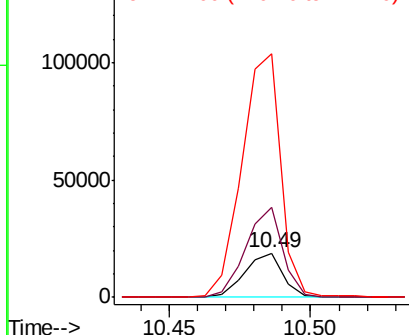
#67
 4-Bromophenyl-phenylether
 Concen: 3.598 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.24 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BL

Tot Ion:248 Resp: 17443
 Ion Ratio Lower Upper
 248 100
 250 204.0 77.3 115.9#
 141 550.7 58.6 87.8#

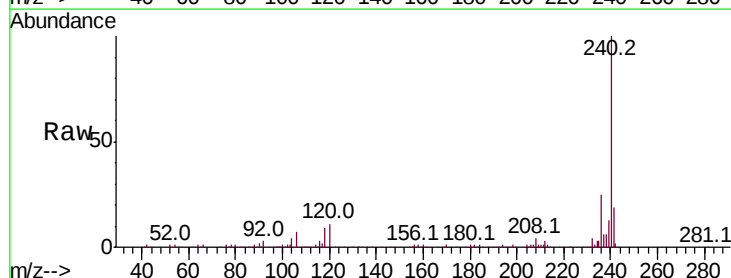


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

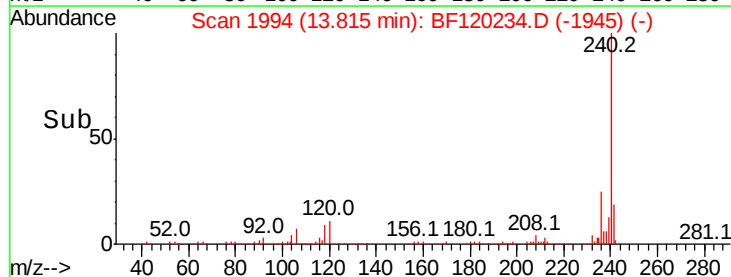
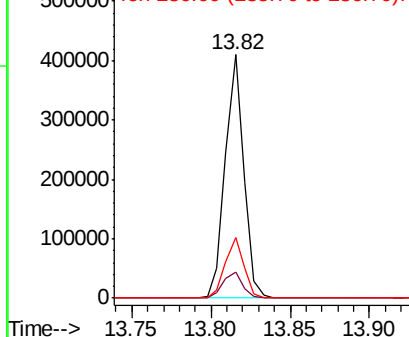


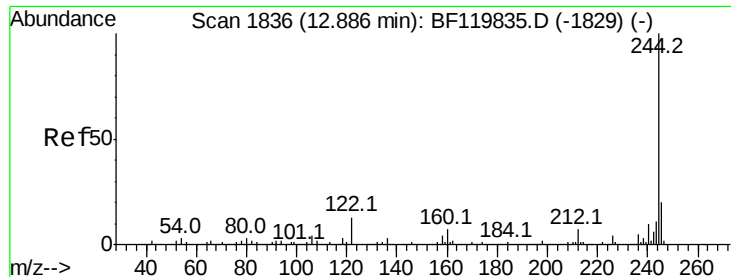
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120234.D
 Acq: 30 Apr 2020 12:34

Tgt Ion:240 Resp: 332260
 Ion Ratio Lower Upper
 240 100
 120 10.5 10.6 15.8#
 236 24.8 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: 82.278 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

Instrument :

BNA_F

ClientSampleId :

PB128568BL

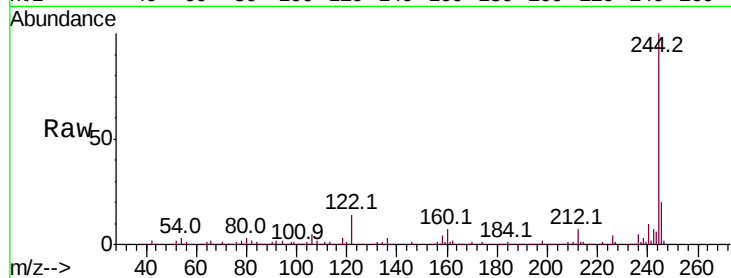
Tot Ion:244 Resp: 1624668

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

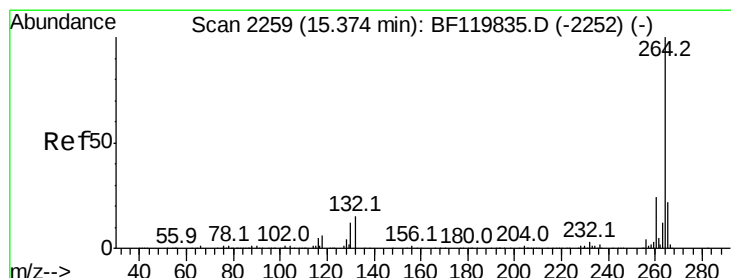
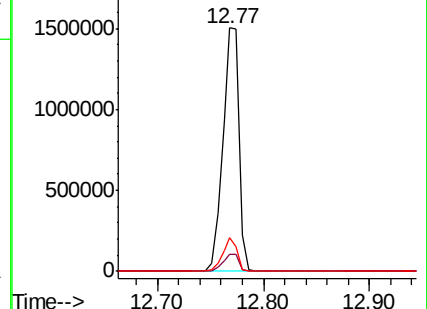
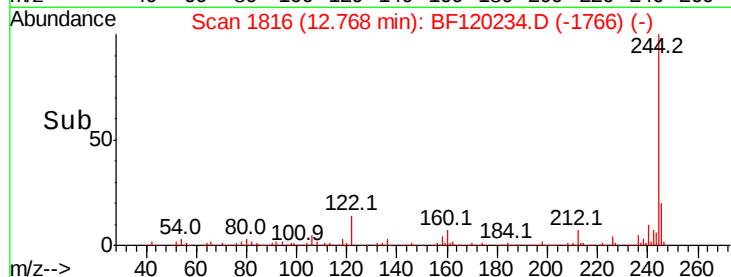
122 14.0 10.3 15.5



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: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120234.D

Acq: 30 Apr 2020 12:34

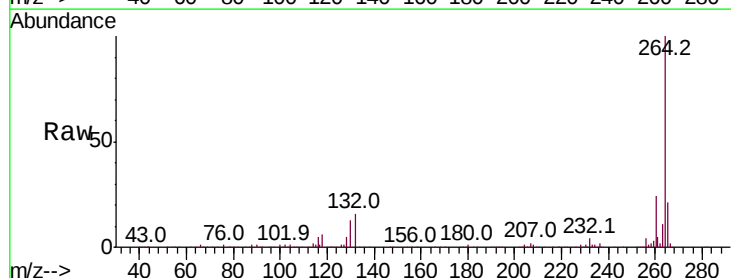
Tgt Ion:264 Resp: 328556

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 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

