

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119949.D
 Acq On : 14 Apr 2020 13:32
 Operator : MA/SJ
 Sample : L2243-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-31-30-COMP

Quant Time: Apr 14 14:02:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

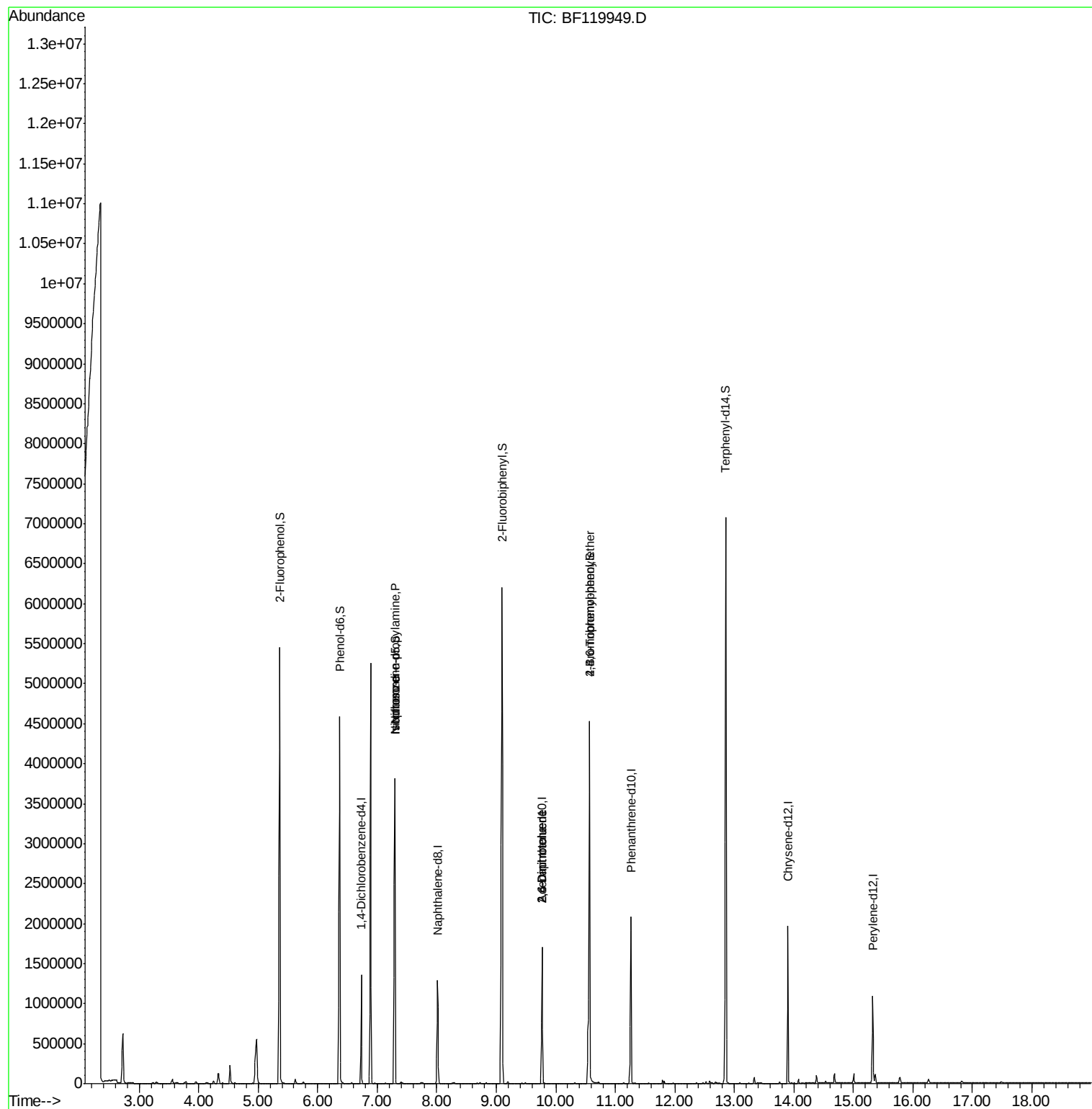
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	212164	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	822172	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	431779	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	851711	20.00	ng	0.00
76) Chrysene-d12	13.90	240	640748	20.00	ng	-0.01
87) Perylene-d12	15.33	264	495356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1720689	140.16	ng	0.02
7) Phenol-d6	6.37	99	1965811	124.27	ng	0.00
23) Nitrobenzene-d5	7.30	82	1503072	94.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	678537	128.35	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2870982	94.40	ng	0.00
79) Terphenyl-d14	12.86	244	3104283	81.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	352	Below Cal		Qvalue # 71
19) n-Nitroso-di-n-propylamine	7.30	70	197625	19.427	ng	# 73
25) Isophorone	7.30	82	1495857	48.827	ng	# 65
51) 2,6-Dinitrotoluene	9.77	165	53403	7.302	ng	# 19
57) 2,4-Dinitrotoluene	9.77	165	53403	5.542	ng	# 22
67) 4-Bromophenyl-phenylether	10.57	248	42819	4.043	ng	# 1

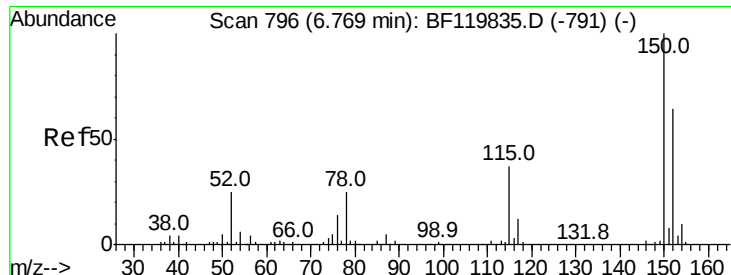
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
Data File : BF119949.D
Acq On : 14 Apr 2020 13:32
Operator : MA/SJ
Sample : L2243-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-31-30-COMP

Quant Time: Apr 14 14:02:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration



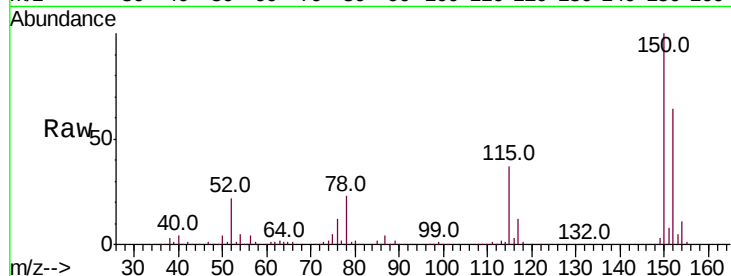


#1

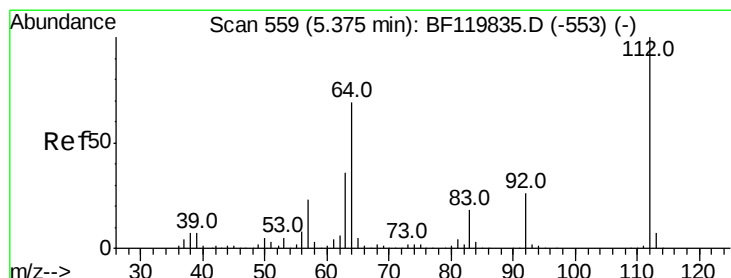
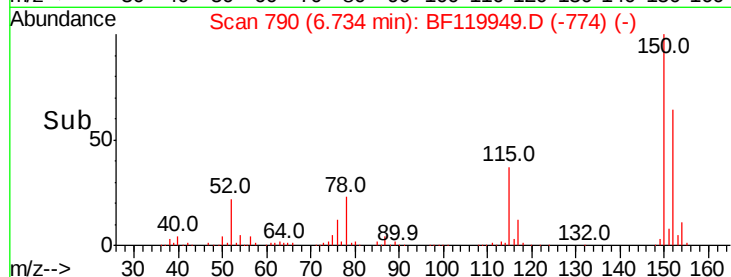
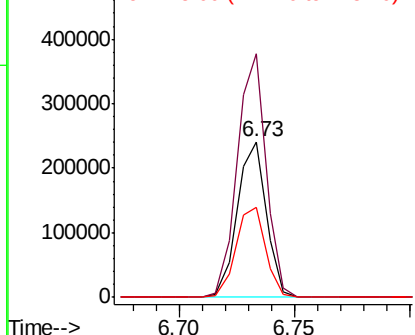
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Instrument :
BNA_F
ClientSampleId :
TP-31-30-COMP

Tot Ion:152 Resp: 212164
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 57.7 46.5 69.7



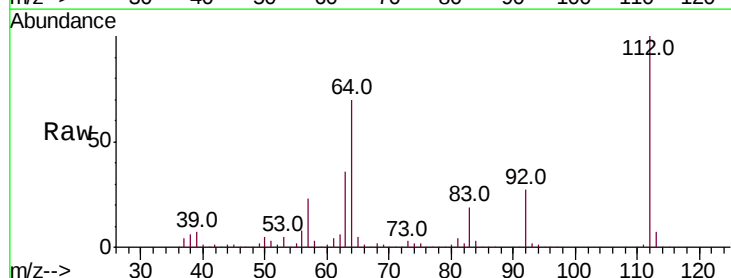
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



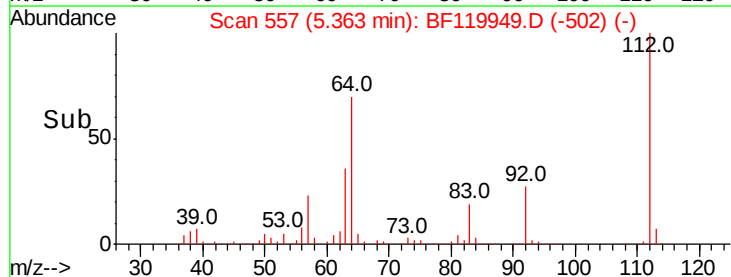
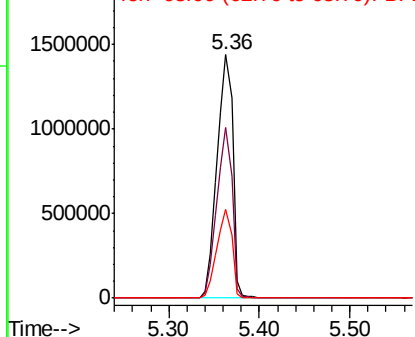
#5

2-Fluorophenol
Concen: 140.159 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Tgt Ion:112 Resp: 1720689
Ion Ratio Lower Upper
112 100
64 70.2 55.5 83.3
63 36.3 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: 124.268 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Instrument :

BNA_F

ClientSampleId :

TP-31-30-COMP

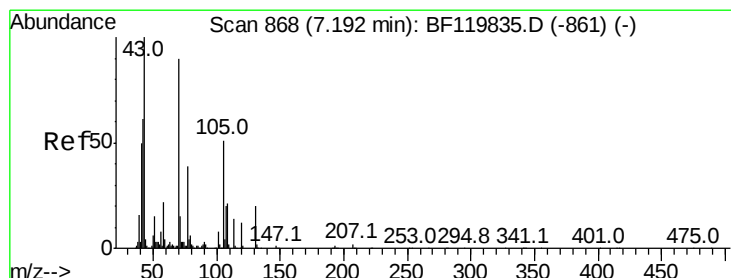
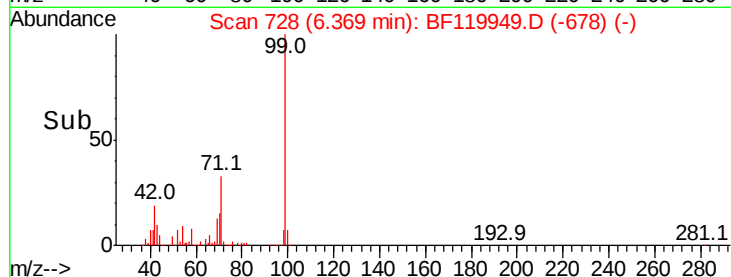
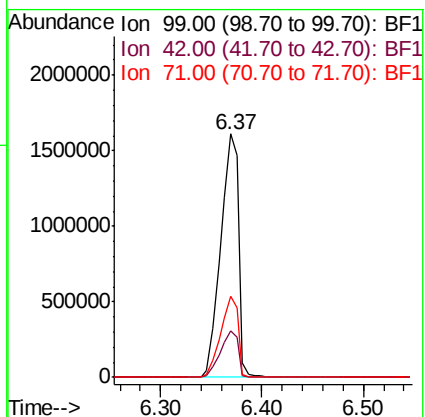
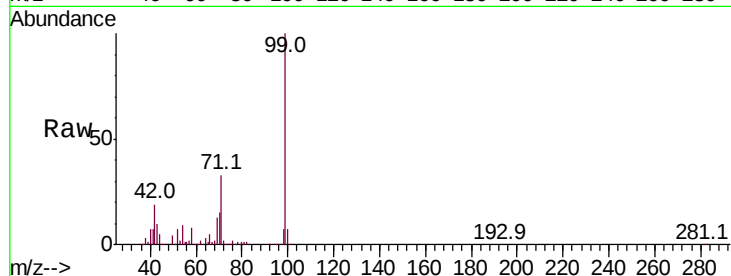
Tot Ion: 99 Resp: 1965811

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 33.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.427 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Tgt Ion: 70 Resp: 197625

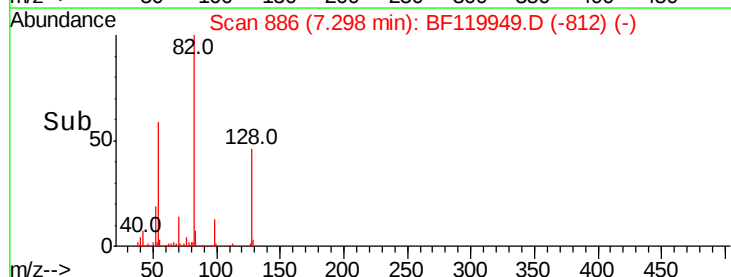
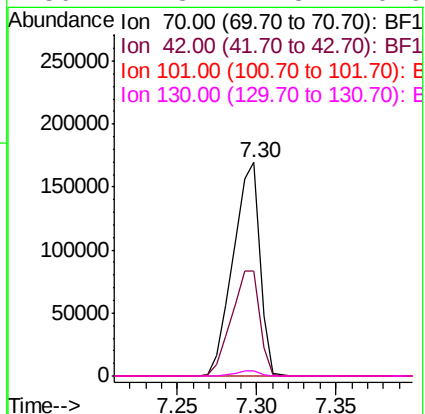
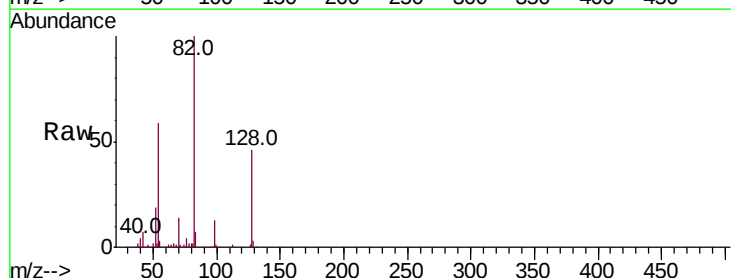
Ion Ratio Lower Upper

70 100

42 49.3 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

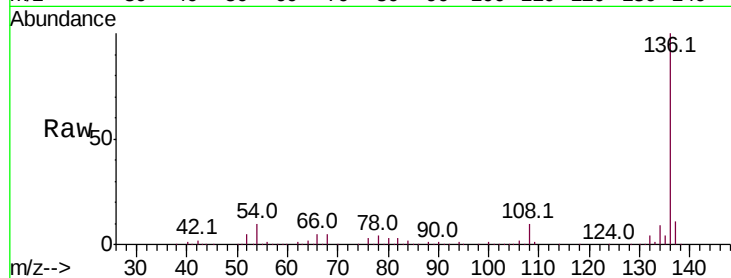




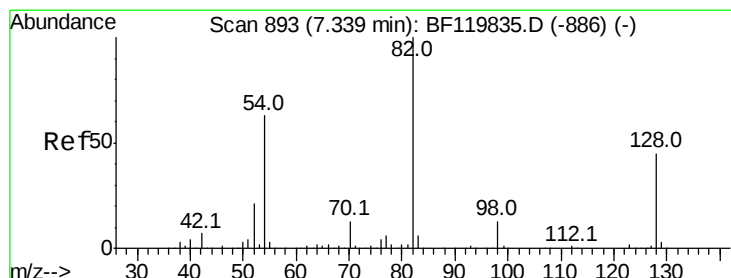
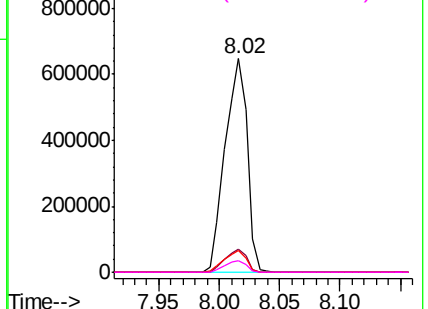
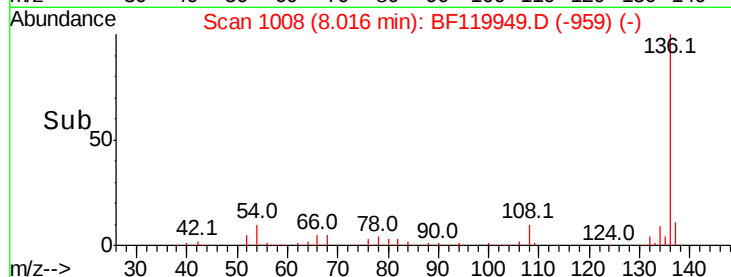
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Instrument :
BNA_F
ClientSampleId :
TP-31-30-COMP

Tot Ion:136	Resp:	822172
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.7	13.1
54 10.4	8.5	12.7
68 5.2	3.9	5.9

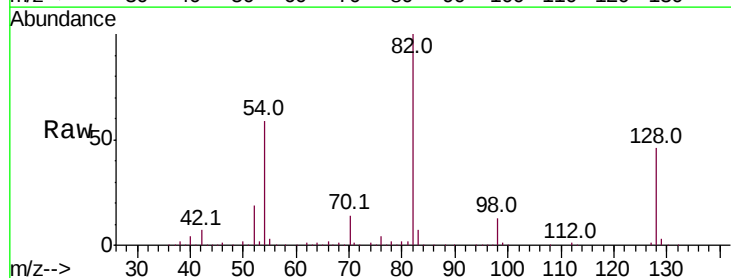


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

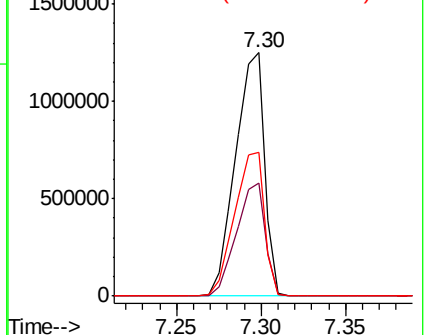
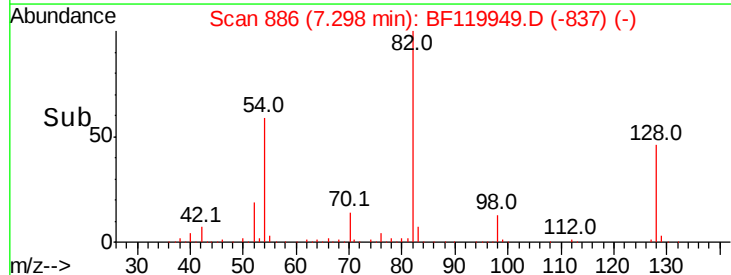


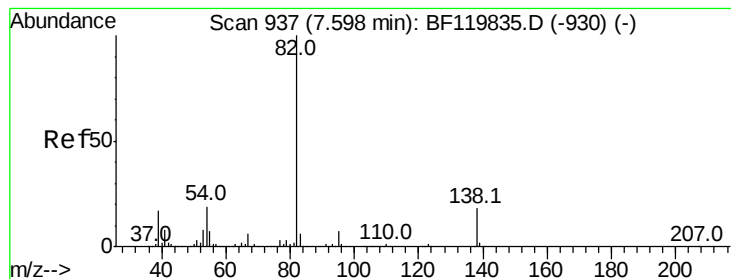
#23
Nitrobenzene-d5
Concen: 94.578 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Tgt Ion: 82	Resp: 1503072
Ion Ratio	Lower Upper
82 100	
128 46.3	36.2 54.4
54 59.2	50.4 75.6



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: 48.827 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Instrument :

BNA_F

ClientSampleId :

TP-31-30-COMP

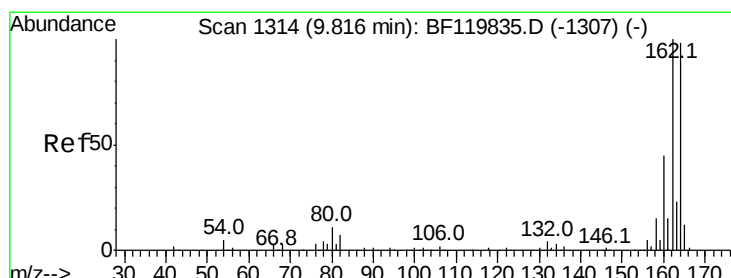
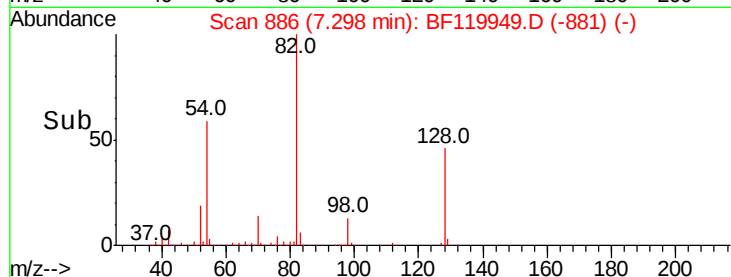
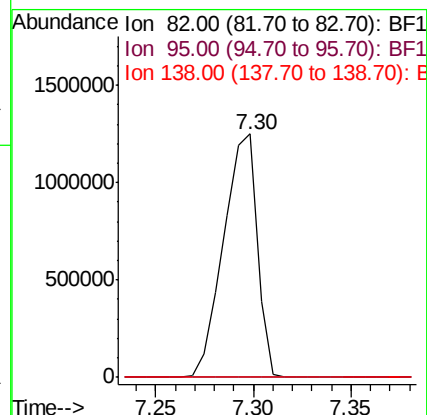
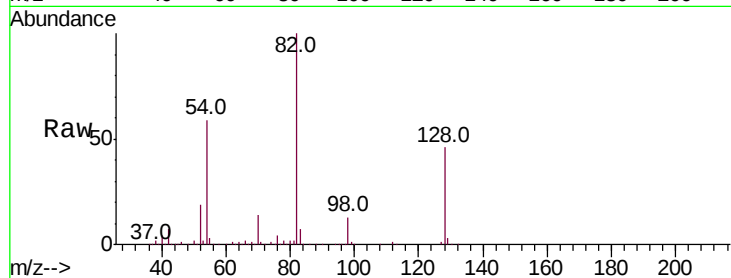
Tot Ion: 82 Resp: 1495857

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

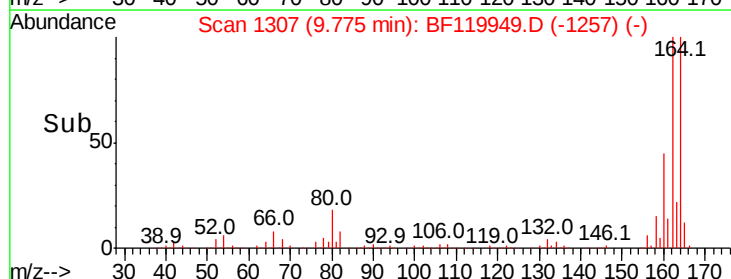
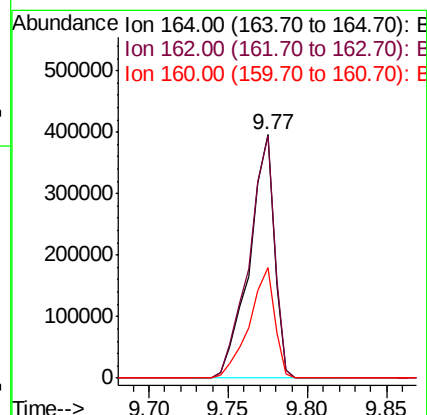
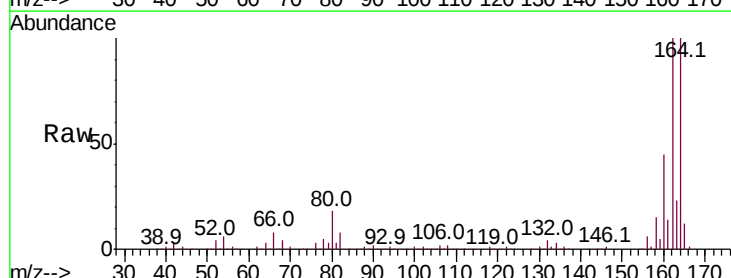
Tgt Ion:164 Resp: 431779

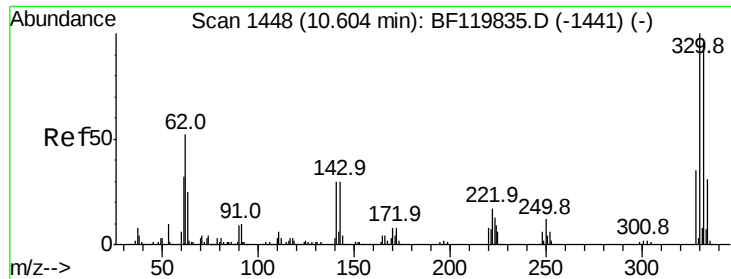
Ion Ratio Lower Upper

164 100

162 99.6 81.9 122.9

160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 128.354 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Instrument :

BNA_F

ClientSampleId :

TP-31-30-COMP

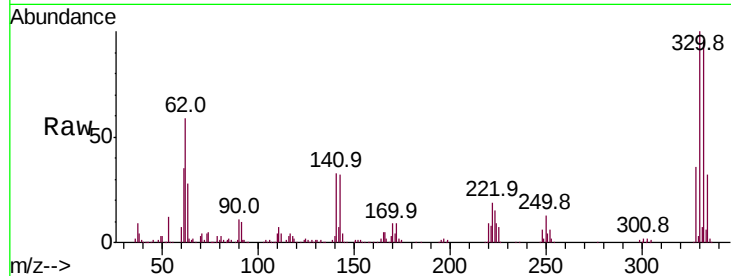
Tot Ion:330 Resp: 678537

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

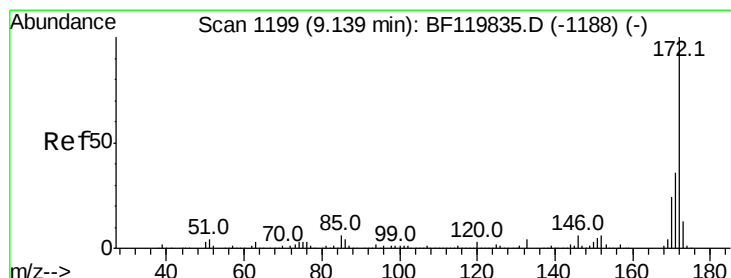
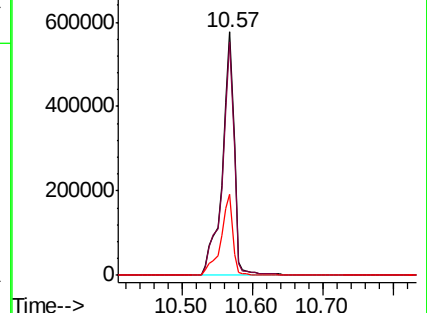
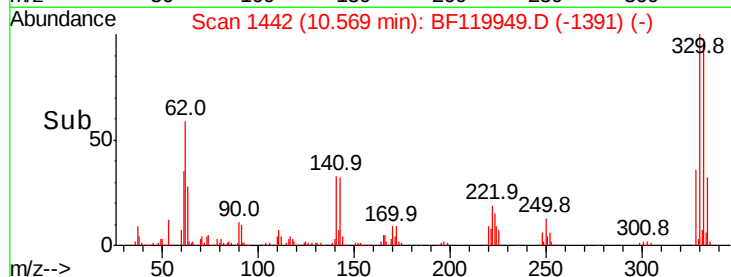
141 33.5 25.1 37.7



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: 94.404 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

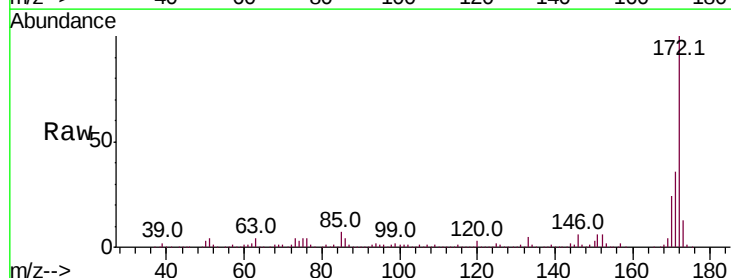
Tgt Ion:172 Resp: 2870982

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

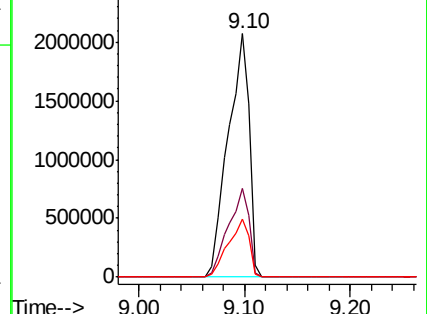
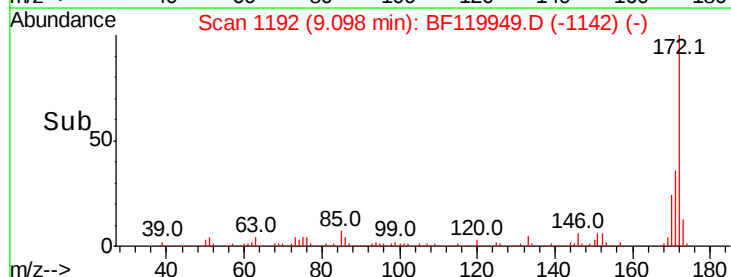
170 24.0 19.4 29.2

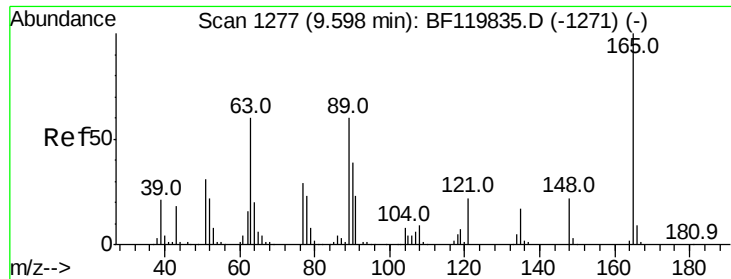


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

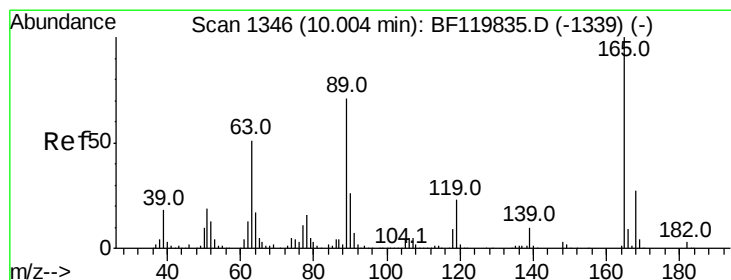
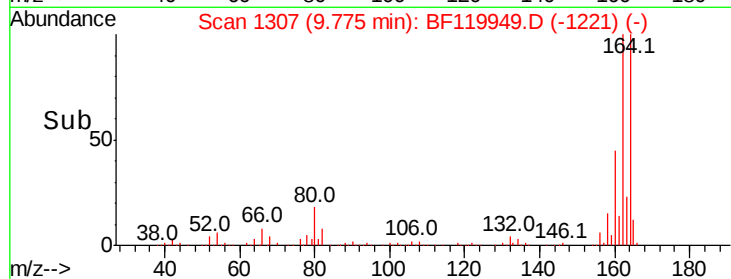
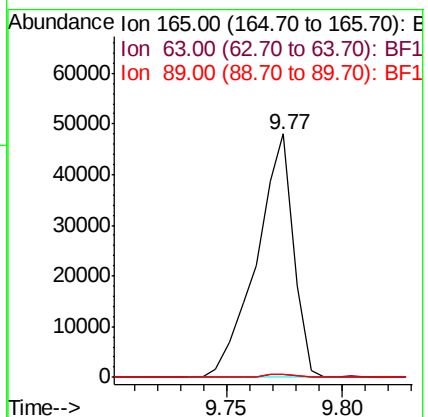
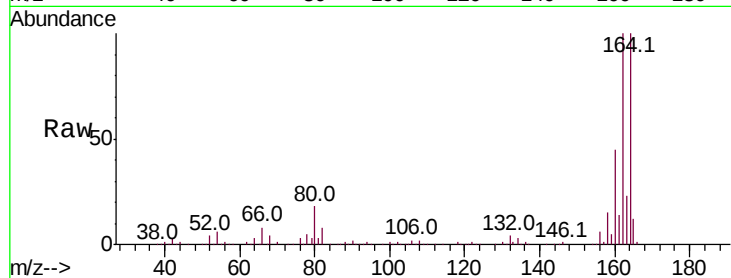




#51
 2,6-Dinitrotoluene
 Concen: 7.302 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.21 min
 Lab File: BF119949.D
 Acq: 14 Apr 2020 13:32

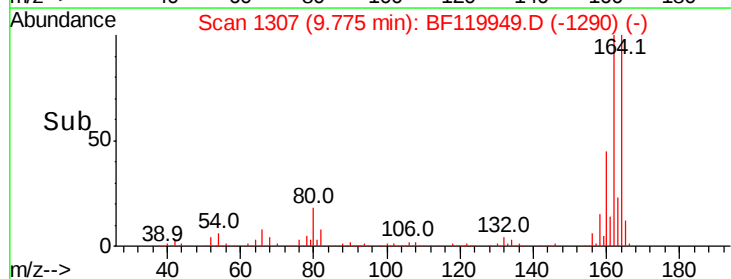
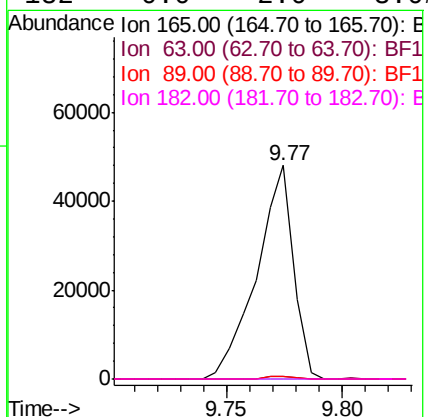
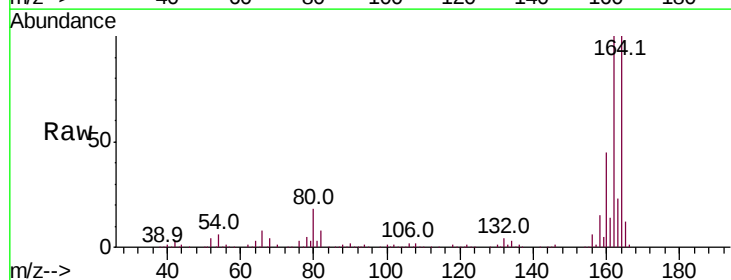
Instrument :
 BNA_F
 ClientSampleId :
 TP-31-30-COMP

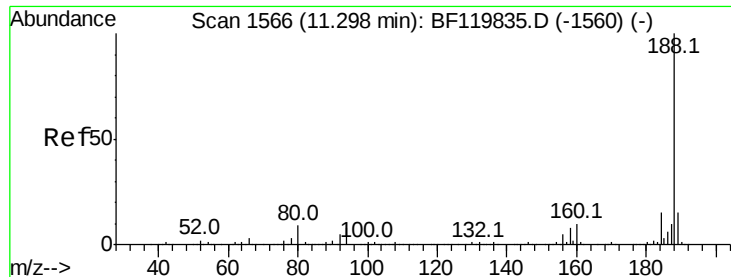
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	55.6	83.4#
89	1.1	47.9	71.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.542 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119949.D
 Acq: 14 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.8	61.2#
89	1.1	56.9	85.3#
182	0.0	2.0	3.0#

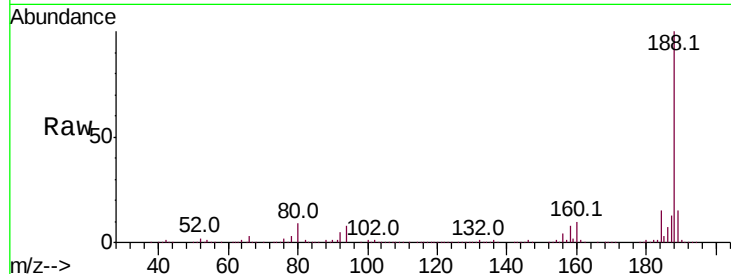




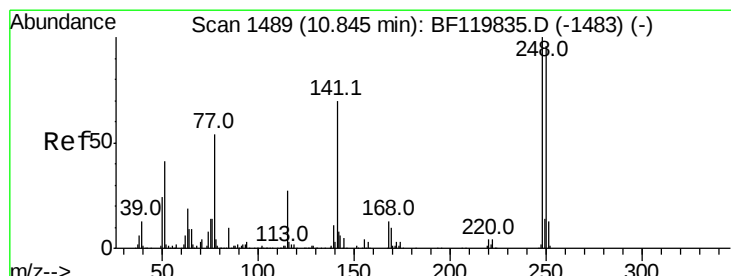
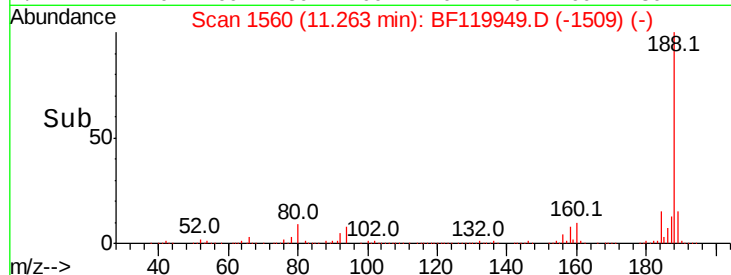
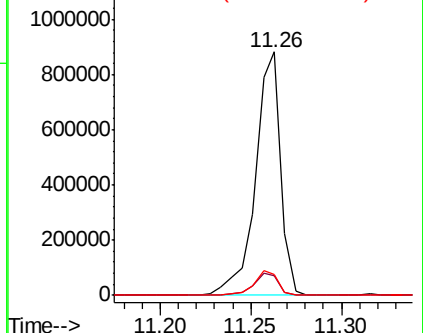
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Instrument :
BNA_F
ClientSampleId :
TP-31-30-COMP

Tot Ion:188 Resp: 851711
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 7.4 11.2

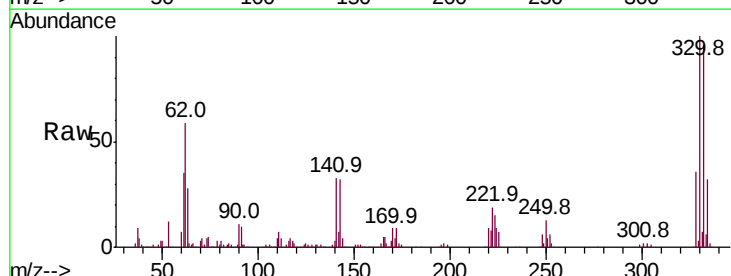


Abundance Ion 188.00 (187.70 to 188.70): E
1200000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

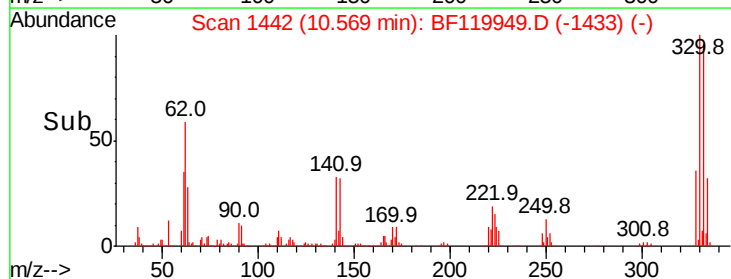
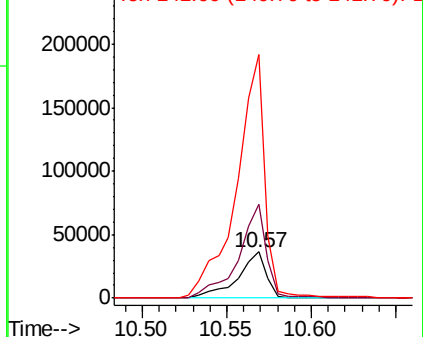


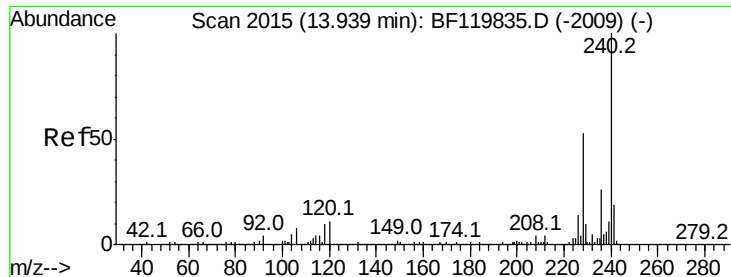
#67
4-Bromophenyl-phenylether
Concen: 4.043 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Tgt Ion:248 Resp: 42819
Ion Ratio Lower Upper
248 100
250 203.7 76.6 114.8#
141 527.9 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
250000
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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Instrument :

BNA_F

ClientSampleId :

TP-31-30-COMP

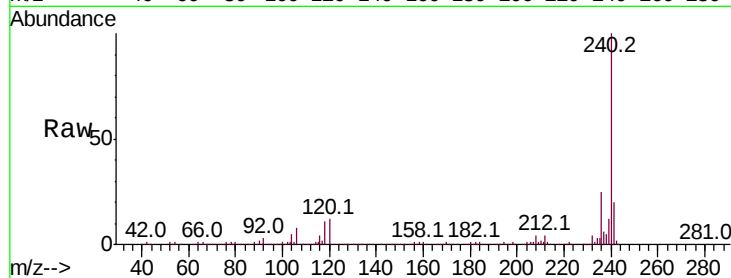
Tot Ion:240 Resp: 640748

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.6

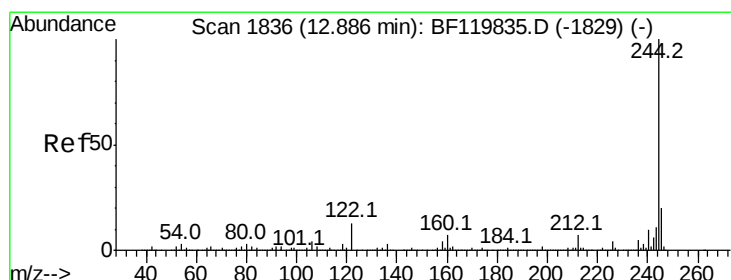
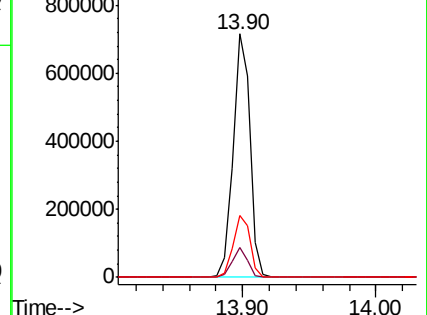
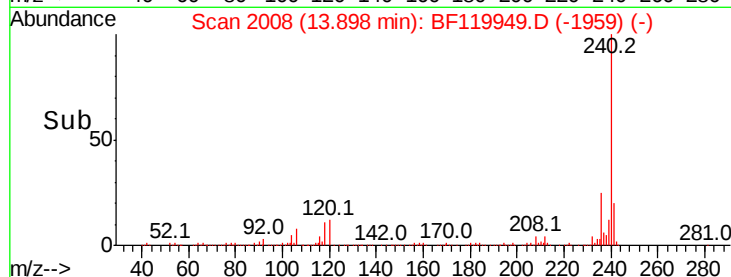
236 25.5 20.7 31.1



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: 81.521 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

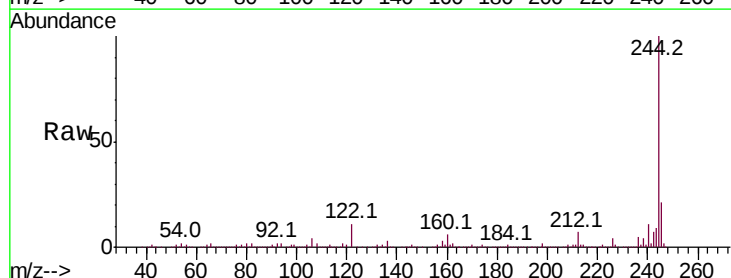
Tgt Ion:244 Resp: 3104283

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

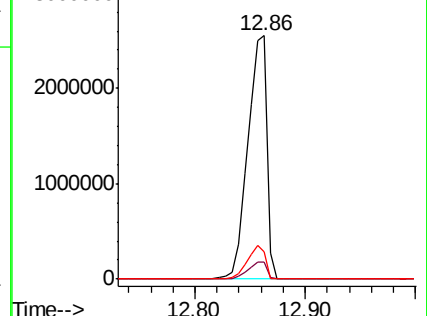
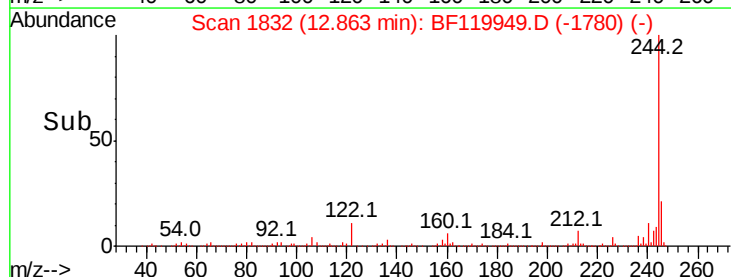
122 11.5 10.3 15.5

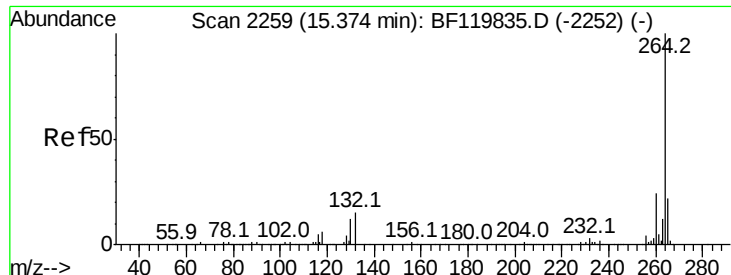


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Instrument :
BNA_F
ClientSampleId :
TP-31-30-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.7	17.6	26.4

