

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120109.D
 Acq On : 21 Apr 2020 18:25
 Operator : MA/SJ
 Sample : L2343-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:48:40 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 21 13:48:22 2020
 Response via : Initial Calibration

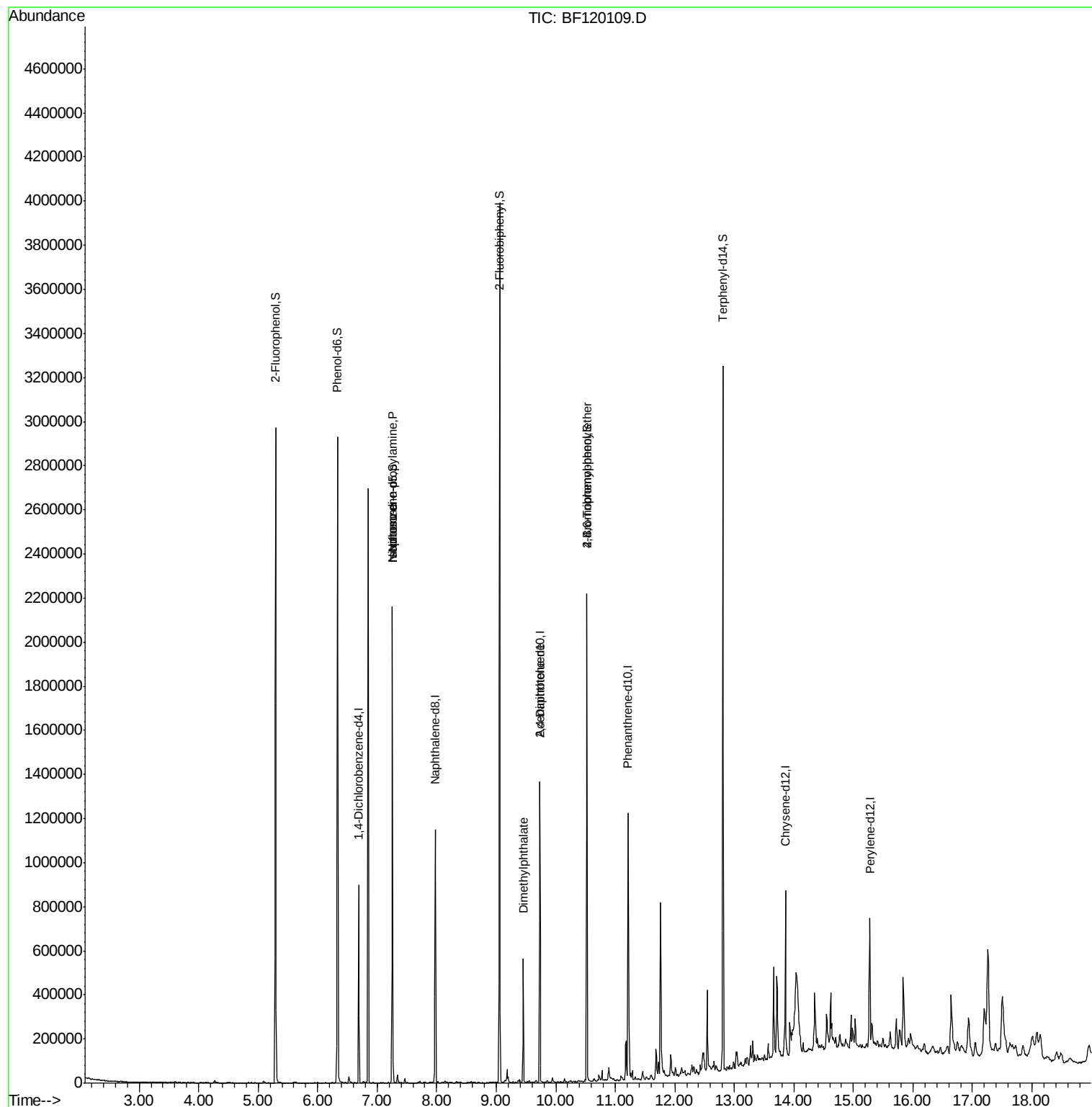
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	124492	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	474615	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	237893	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	420405	20.00	ng	0.00
76) Chrysene-d12	13.86	240	238474	20.00	ng	-0.01
87) Perylene-d12	15.27	264	247521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	773005	107.31	ng	0.00
7) Phenol-d6	6.33	99	1020285	109.92	ng	0.00
23) Nitrobenzene-d5	7.26	82	655507	71.45	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	246795	84.73	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1239997	74.00	ng	0.00
79) Terphenyl-d14	12.81	244	1006187	71.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.25	77	836	Below Cal		Qvalue # 81
19) n-Nitroso-di-n-propylamine	7.26	70	85849	14.383	ng	# 78
25) Isophorone	7.26	82	655495	37.065	ng	# 65
50) Dimethylphthalate	9.45	163	206695	11.233	ng	# 99
57) 2,4-Dinitrotoluene	9.73	165	30230	5.694	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	16590	3.173	ng	# 1

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

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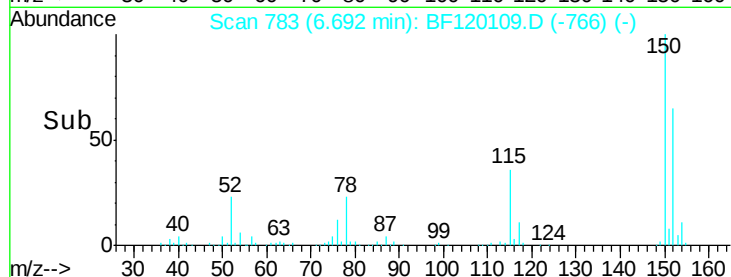
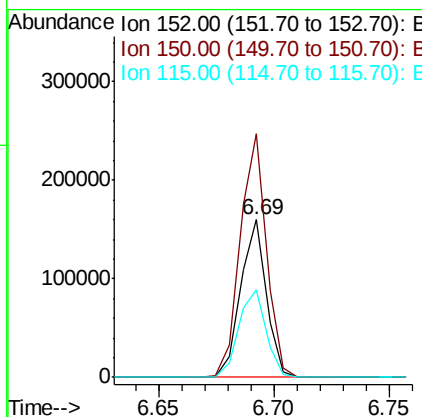
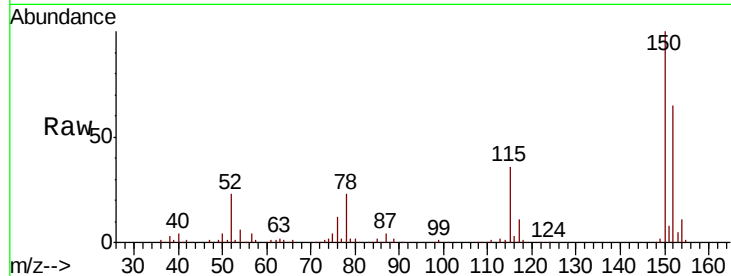


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF120109.D
Acq: 21 Apr 2020 18:25

Instrument :
BNA_F
ClientSampleId :

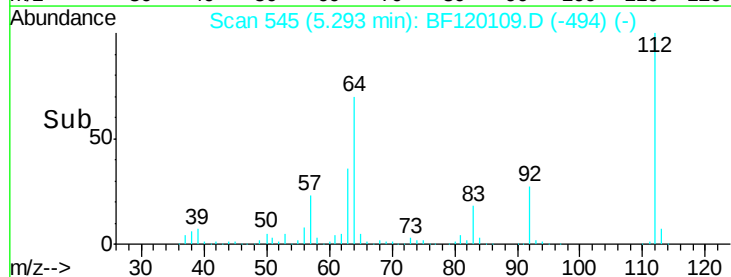
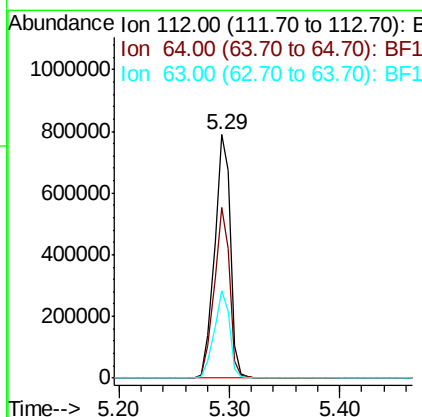
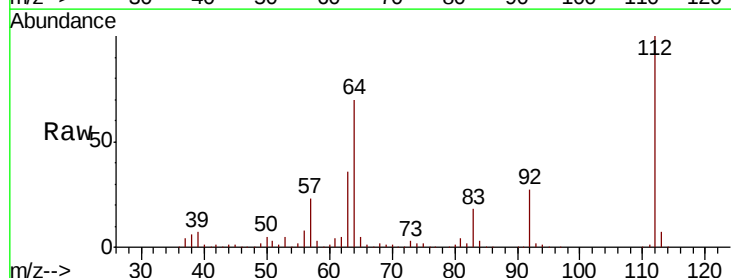
Tot Ion:152 Resp: 124492
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 55.8 46.5 69.7



#5

2-Fluorophenol
Concen: 107.308 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF120109.D
Acq: 21 Apr 2020 18:25

Tgt Ion:112 Resp: 773005
Ion Ratio Lower Upper
112 100
64 70.1 55.5 83.3
63 35.8 29.1 43.7





#7

Phenol-d6

Concen: 109.918 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

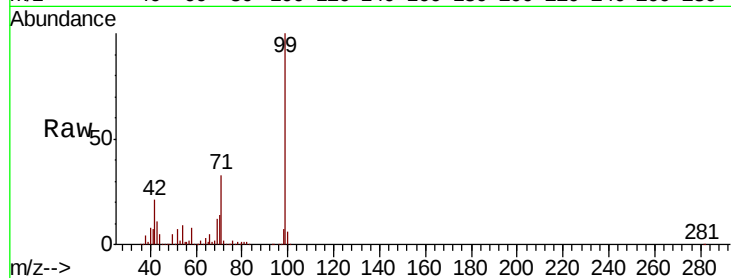
Tot Ion: 99 Resp: 1020285

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

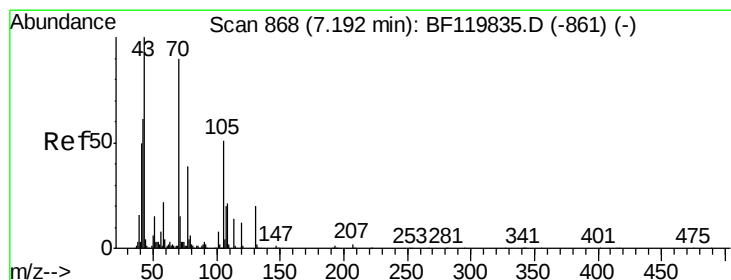
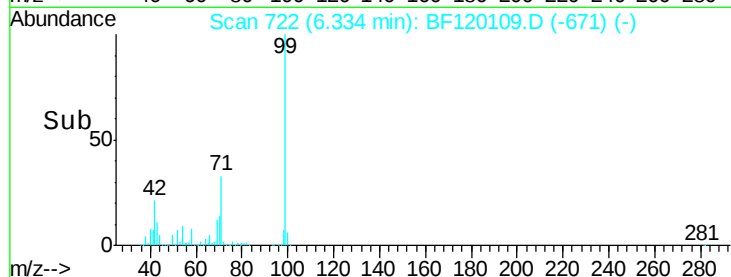
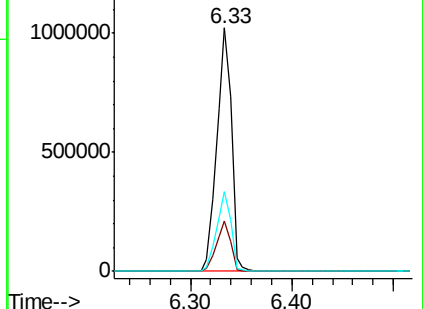
71 32.8 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.383 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

Tgt Ion: 70 Resp: 85849

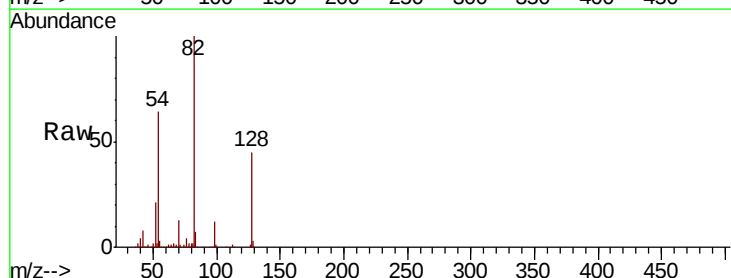
Ion Ratio Lower Upper

70 100

42 56.4 54.2 81.4

101 0.0 7.4 11.2#

130 1.9 17.8 26.6#

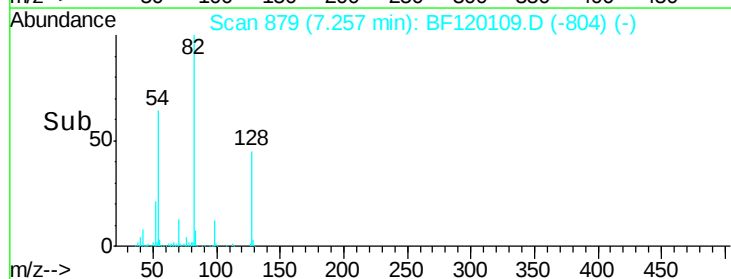
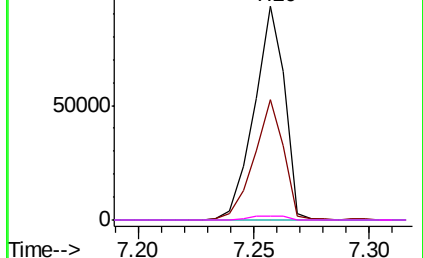


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

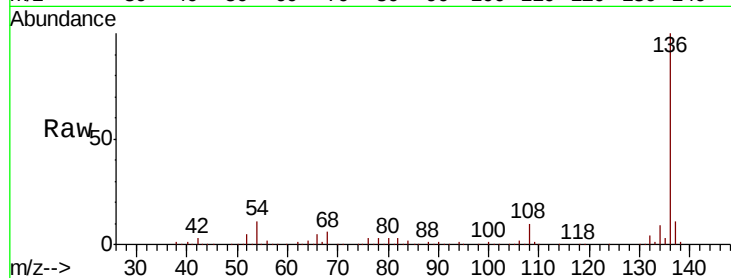




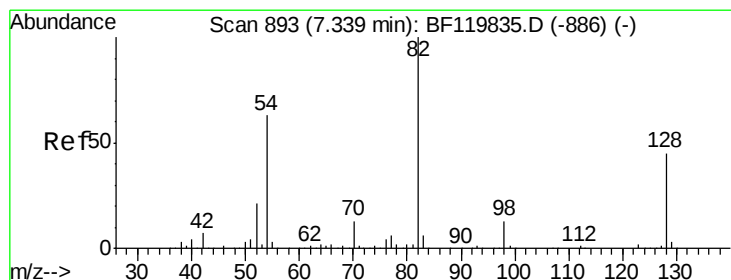
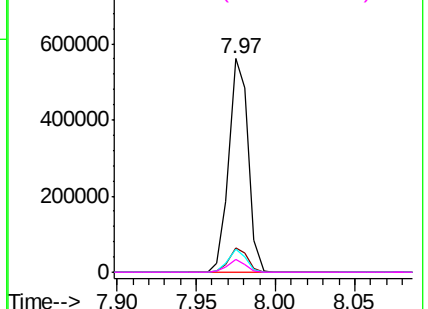
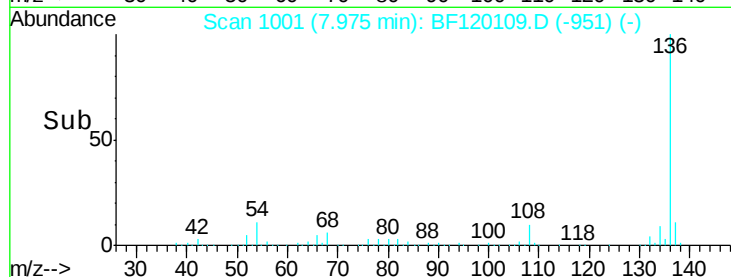
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120109.D
Acq: 21 Apr 2020 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	474615
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	10.6	8.5 12.7
68	6.1	3.9 5.9#

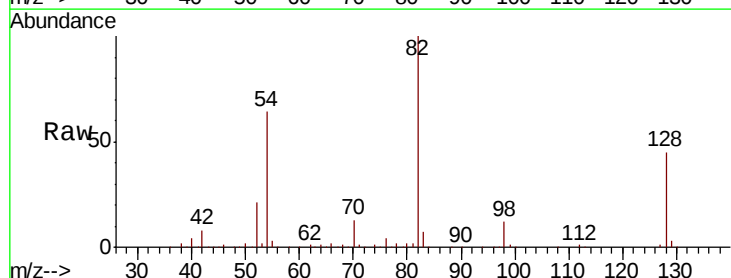


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

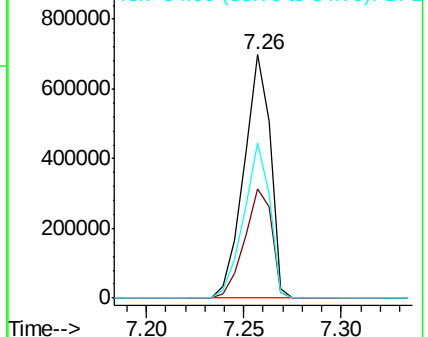
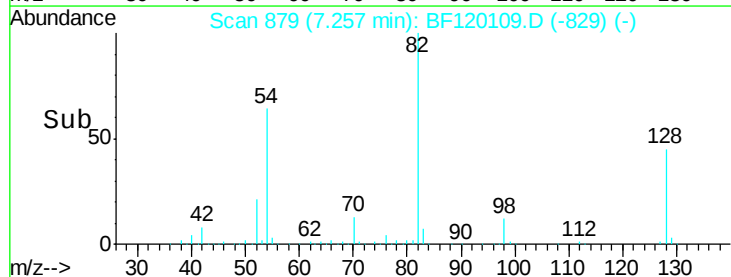


#23
Nitrobenzene-d5
Concen: 71.451 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120109.D
Acq: 21 Apr 2020 18:25

Tgt Ion: 82	Resp:	655507
Ion	Ratio	Lower Upper
82	100	
128	44.7	36.2 54.4
54	63.7	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: 37.065 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

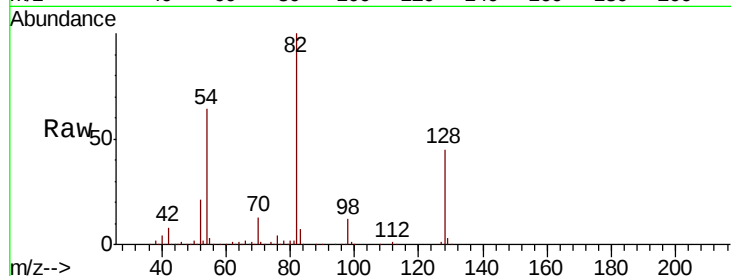
Tot Ion: 82 Resp: 655495

Ion Ratio Lower Upper

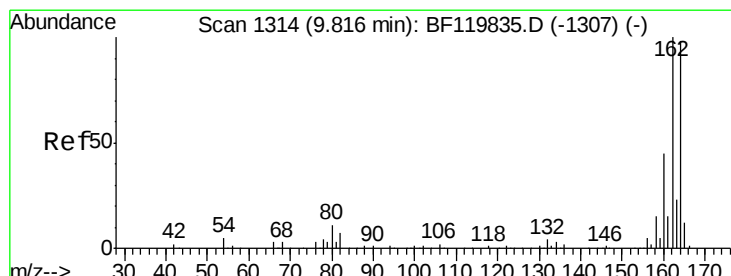
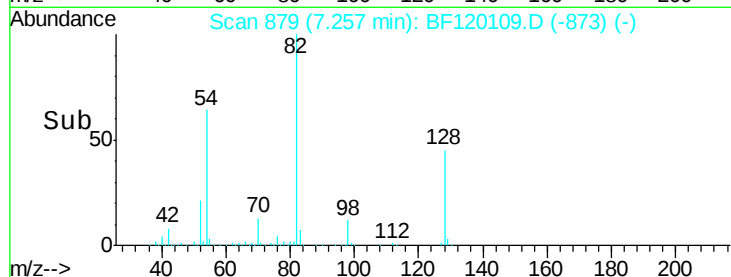
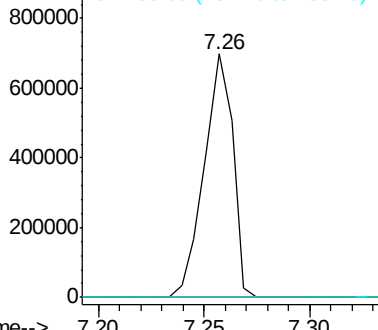
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

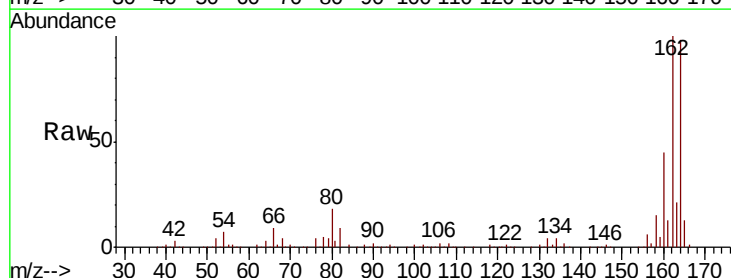
Tgt Ion: 164 Resp: 237893

Ion Ratio Lower Upper

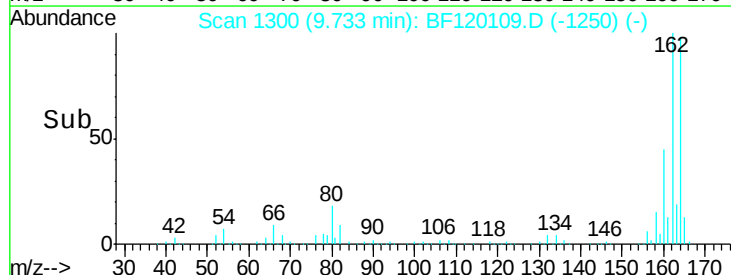
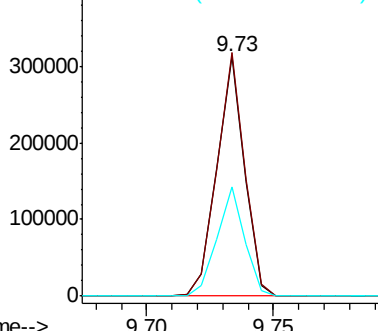
164 100

162 101.8 81.9 122.9

160 45.5 36.6 54.8



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

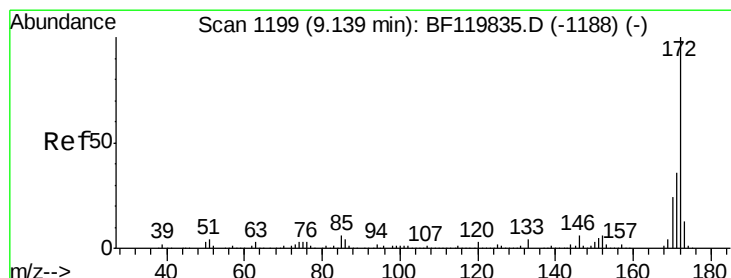
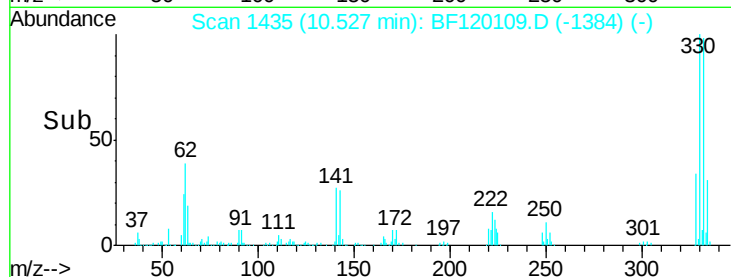
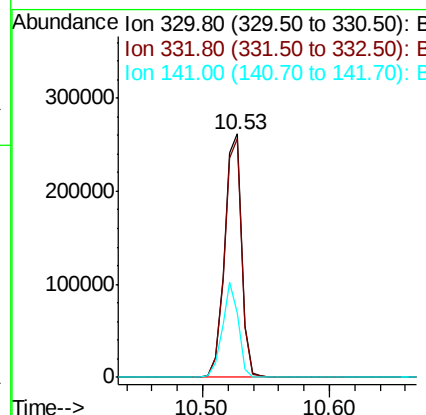
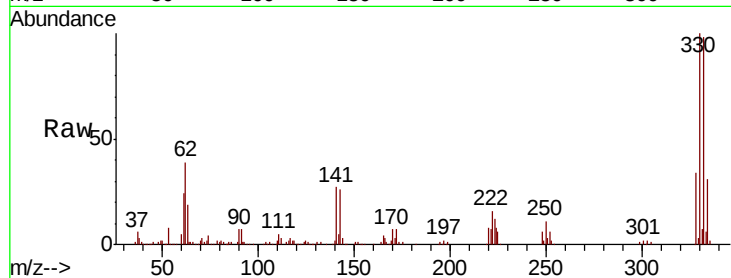




#42
 2,4,6-Tribromophenol
 Concen: 84.733 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF120109.D
 Acq: 21 Apr 2020 18:25

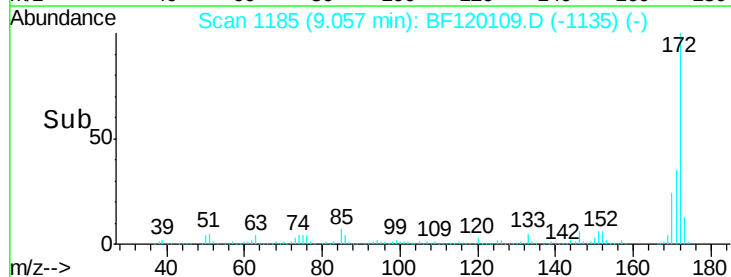
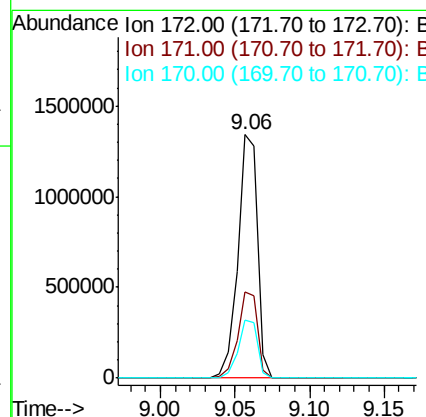
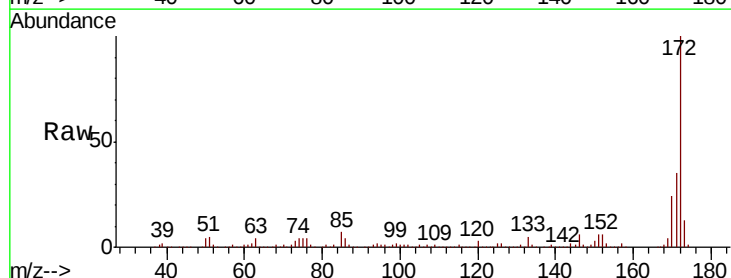
Instrument :
 BNA_F
 ClientSampleId :

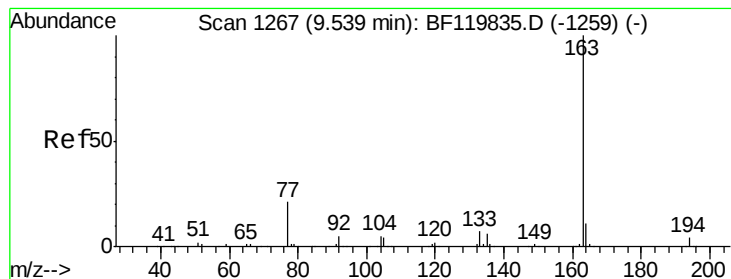
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	36.5	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 74.005 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120109.D
 Acq: 21 Apr 2020 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.8	19.4	29.2





#50

Dimethylphthalate

Concen: 11.233 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

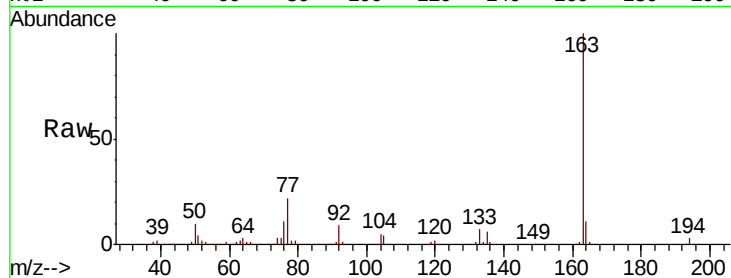
Tot Ion:163 Resp: 206695

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

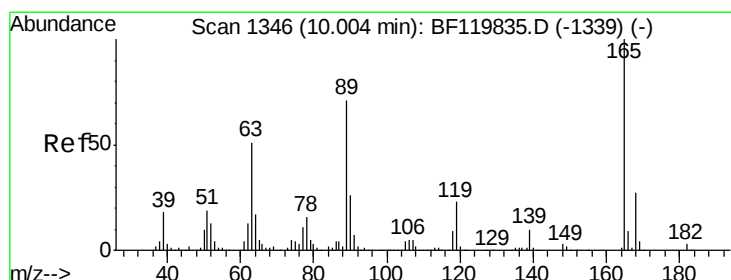
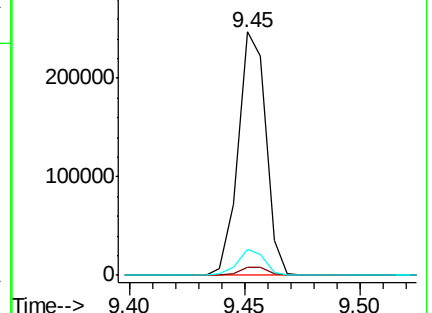
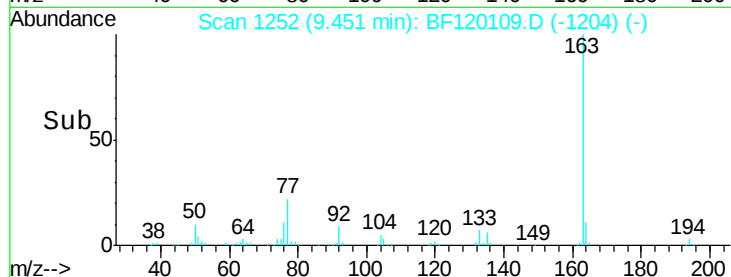
164 10.9 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.694 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

Tgt Ion:165 Resp: 30230

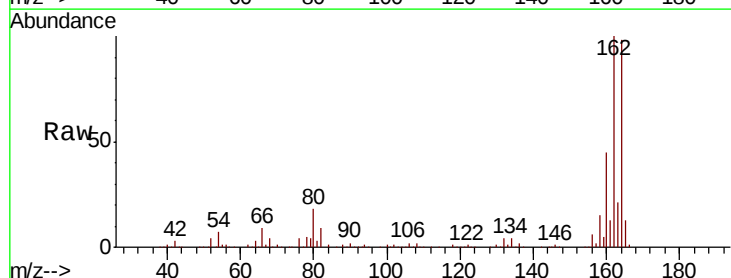
Ion Ratio Lower Upper

165 100

63 1.5 40.8 61.2#

89 1.9 56.9 85.3#

182 0.0 2.0 3.0#

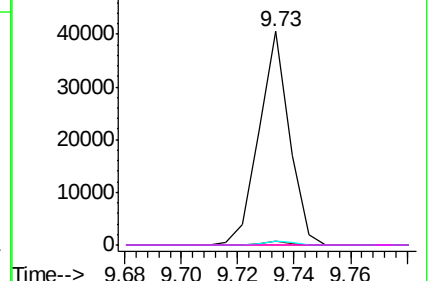
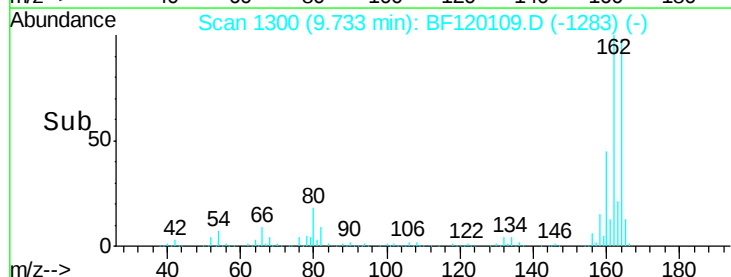


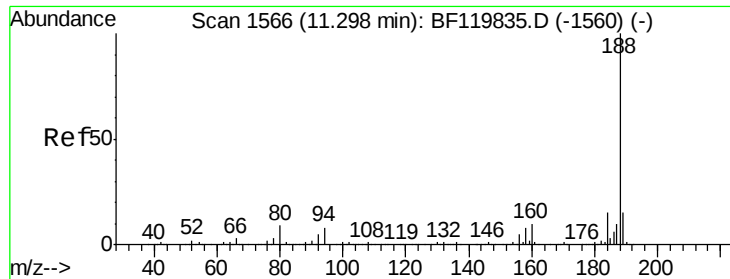
Abundance Ion 165.00 (164.70 to 165.70): E

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

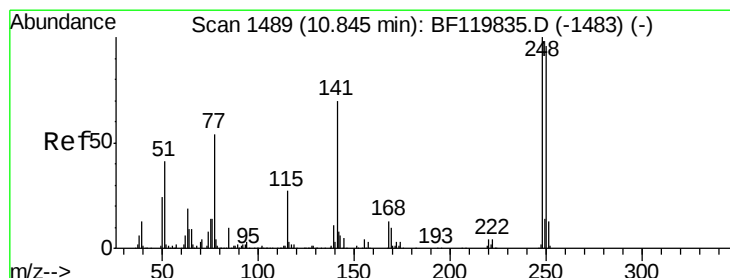
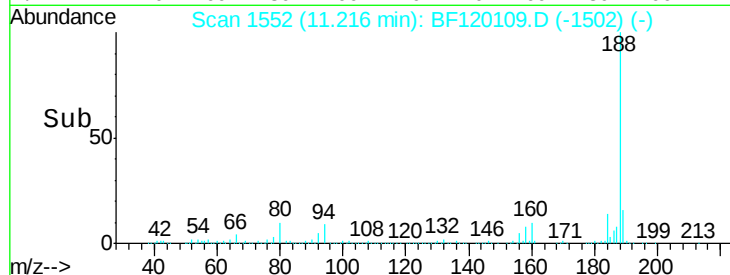
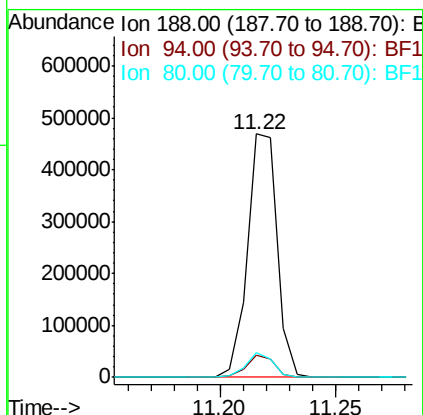
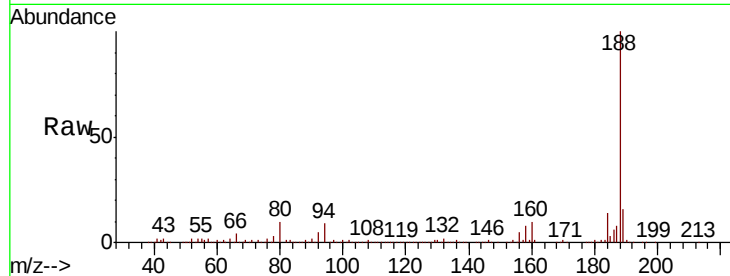




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120109.D
Acq: 21 Apr 2020 18:25

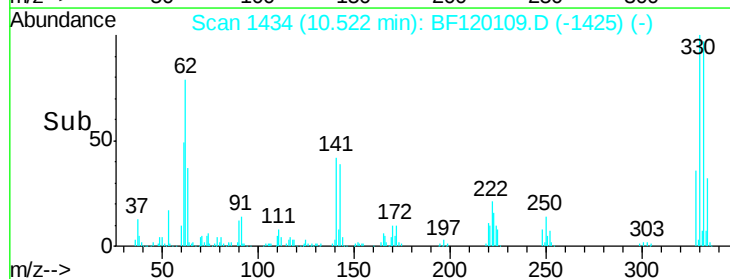
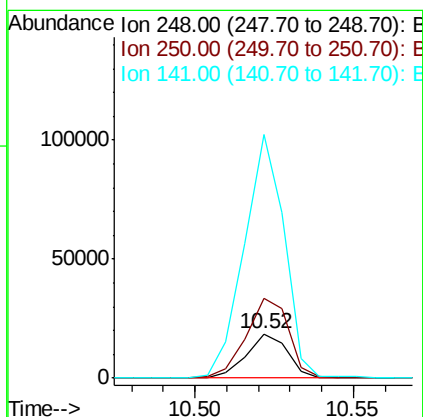
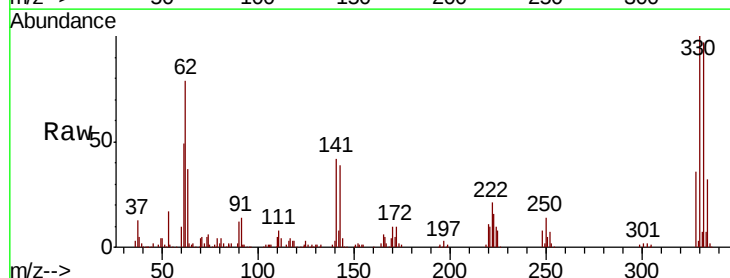
Instrument :
BNA_F
ClientSampleId :

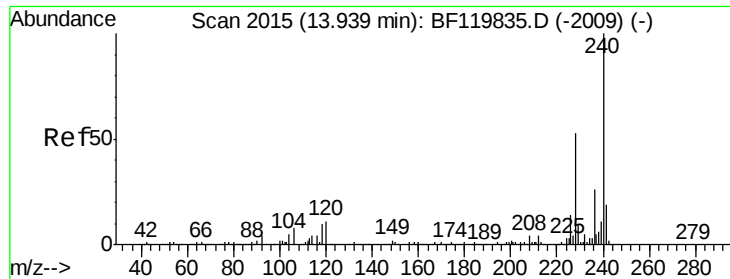
Tot Ion:188 Resp: 420405
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.1 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.173 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF120109.D
Acq: 21 Apr 2020 18:25

Tgt Ion:248 Resp: 16590
Ion Ratio Lower Upper
248 100
250 181.0 76.6 114.8#
141 548.0 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

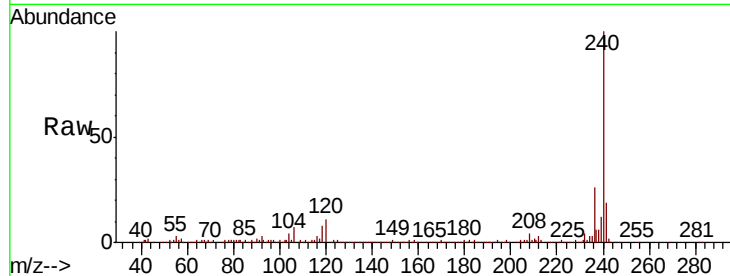
Tot Ion:240 Resp: 238474

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

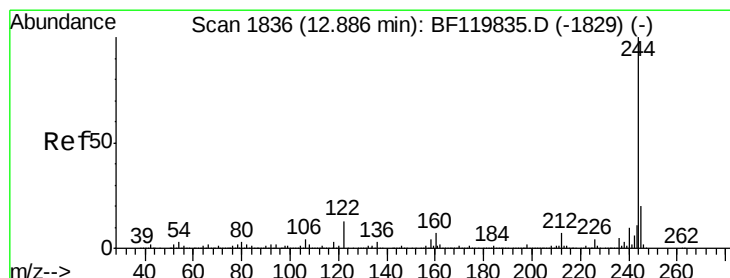
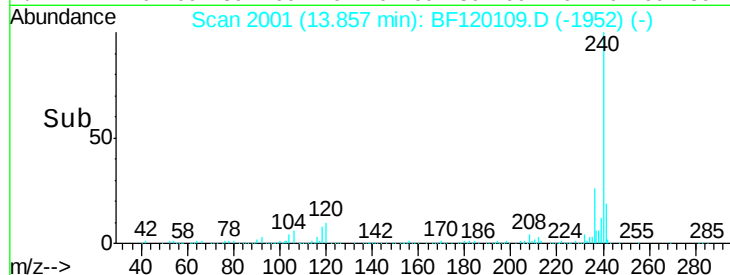
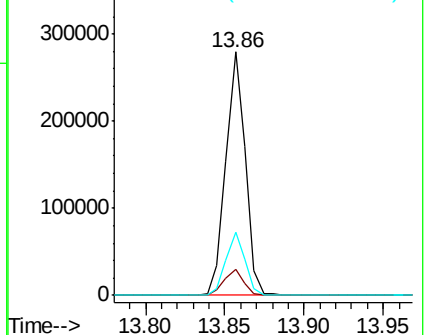
236 26.0 20.7 31.1



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: 70.996 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120109.D

Acq: 21 Apr 2020 18:25

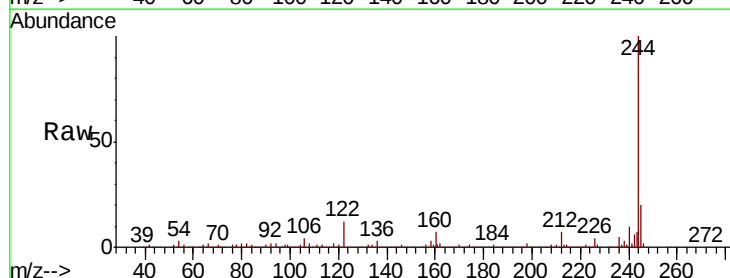
Tgt Ion:244 Resp: 1006187

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

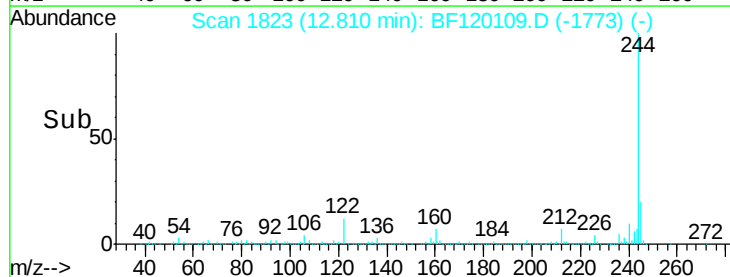
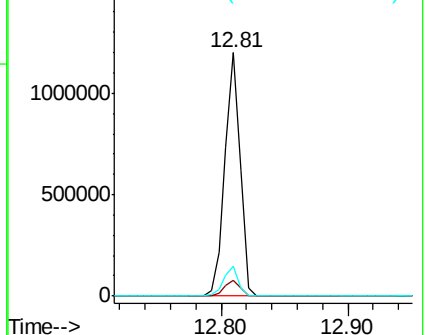
122 12.1 10.3 15.5

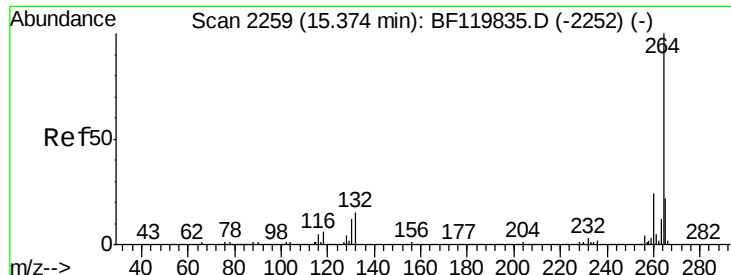


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120109.D
Acq: 21 Apr 2020 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	247521
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.2	17.6	26.4

