

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120120.D
 Acq On : 21 Apr 2020 23:23
 Operator : MA/SJ
 Sample : L2327-28
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:50:49 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

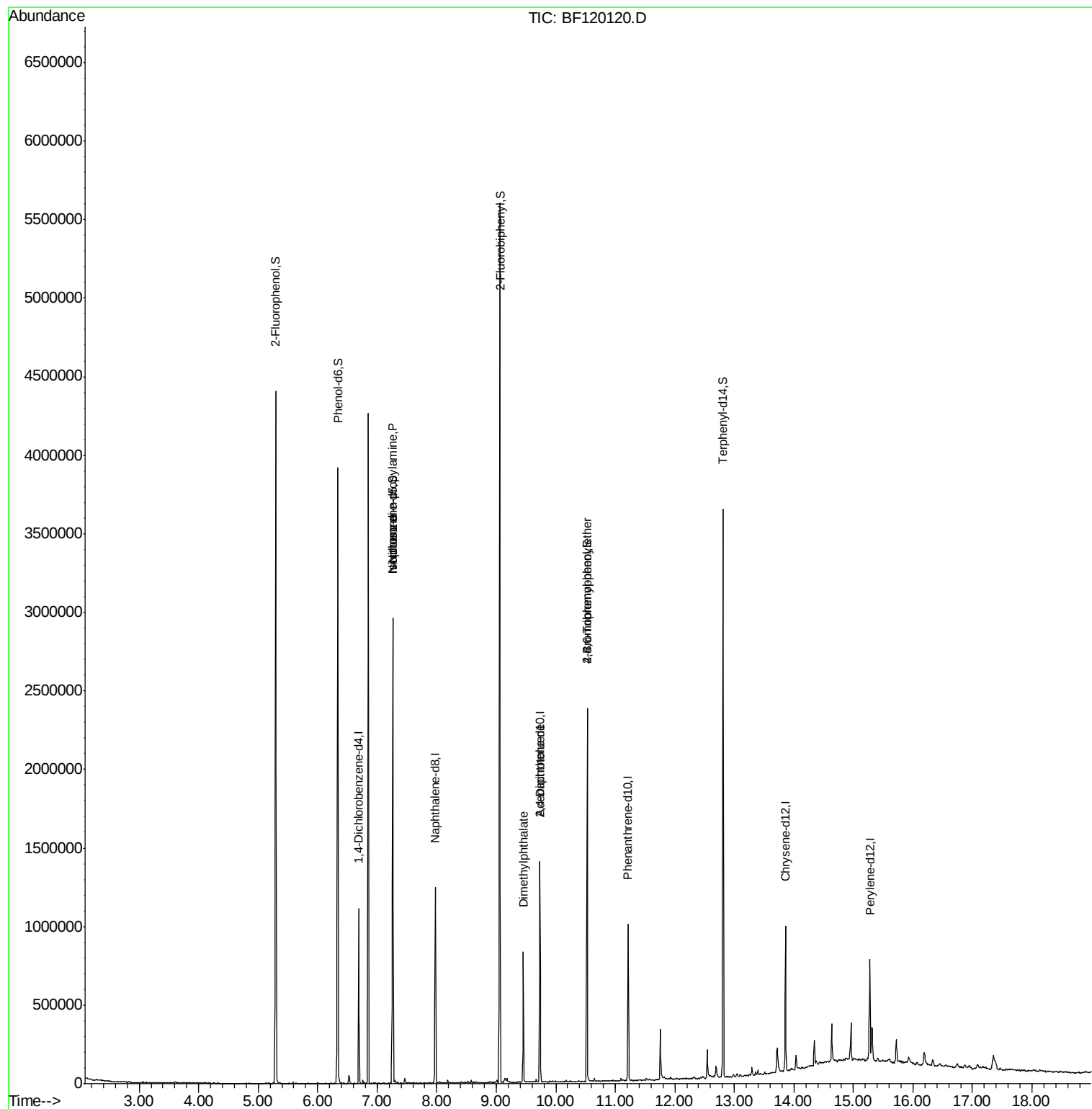
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	149032	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	541394	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	237297	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	366460	20.00	ng	0.00
76) Chrysene-d12	13.86	240	302122	20.00	ng	-0.01
87) Perylene-d12	15.27	264	272373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1149426	133.29	ng	0.00
7) Phenol-d6	6.34	99	1521815	136.95	ng	0.00
23) Nitrobenzene-d5	7.26	82	929064	88.78	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	283527	97.59	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1641176	98.19	ng	0.00
79) Terphenyl-d14	12.81	244	1268910	70.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	2320	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	121776	17.042 ng	#	1
25) Isophorone	7.26	82	928744	46.038 ng	#	77
50) Dimethylphthalate	9.46	163	313479	17.079 ng	#	65
57) 2,4-Dinitrotoluene	9.73	165	31648	5.976 ng	#	100
67) 4-Bromophenyl-phenylether	10.53	248	17700	3.884 ng	#	22
					#	1

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

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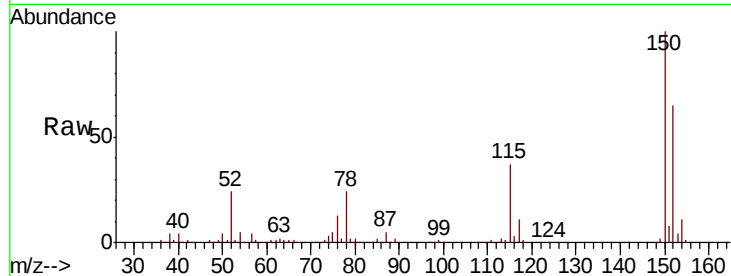


#1

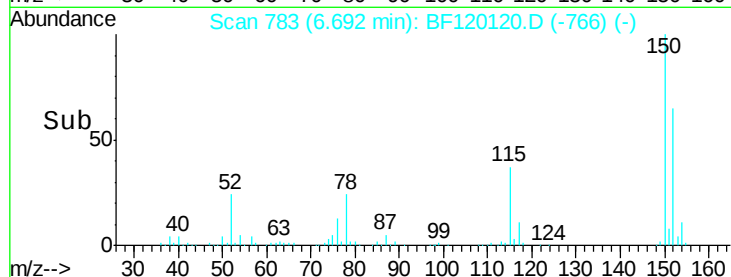
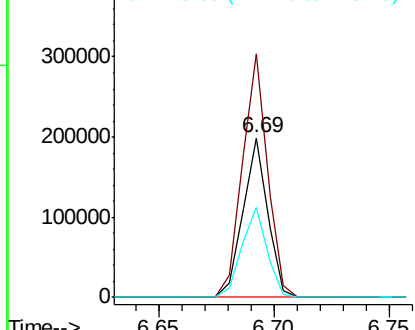
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF120120.D
Acq: 21 Apr 2020 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149032
Ion Ratio Lower Upper
152 100
150 152.9 124.8 187.2
115 56.3 46.5 69.7



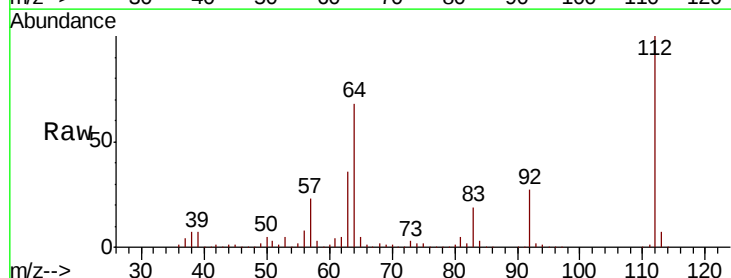
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



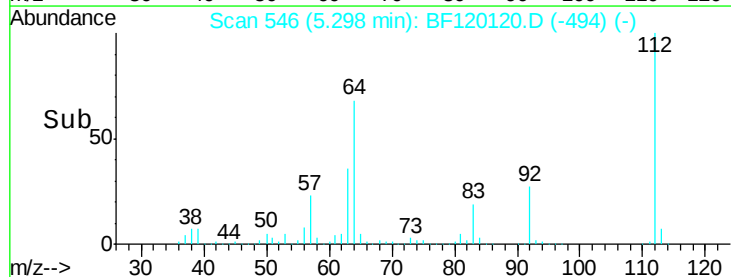
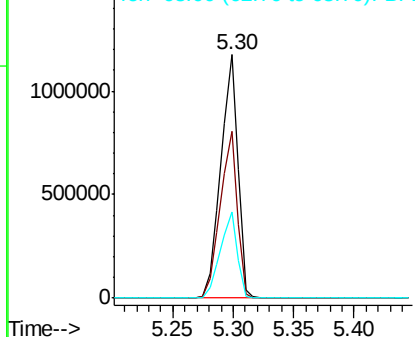
#5

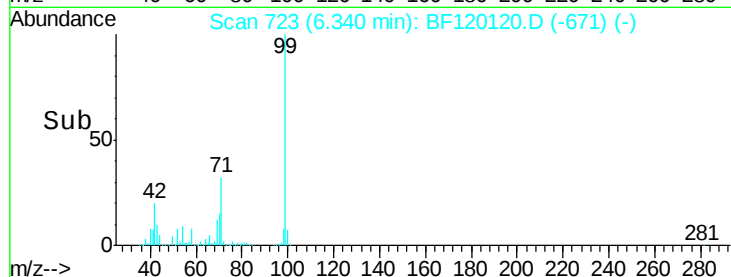
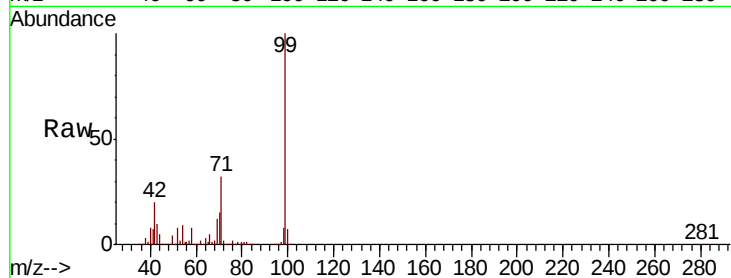
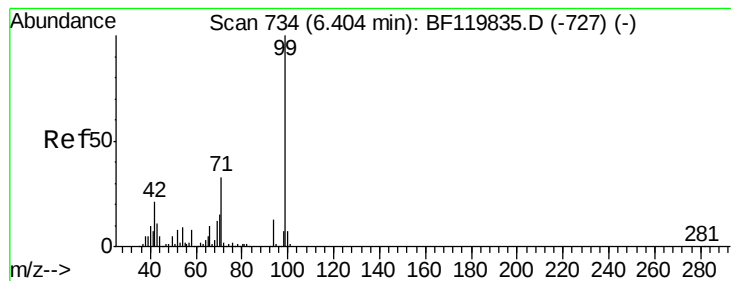
2-Fluorophenol
Concen: 133.288 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF120120.D
Acq: 21 Apr 2020 23:23

Tgt Ion:112 Resp: 1149426
Ion Ratio Lower Upper
112 100
64 68.4 55.5 83.3
63 35.6 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: 136.953 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

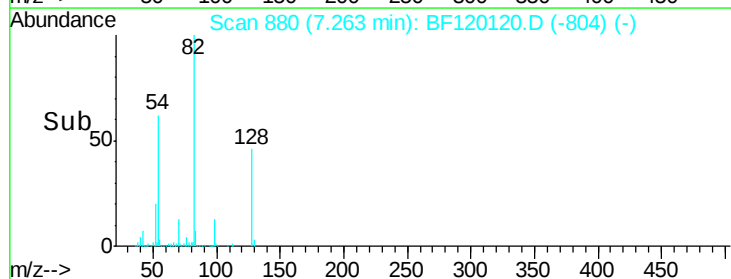
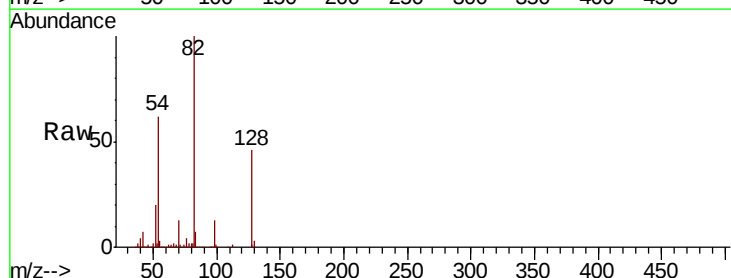
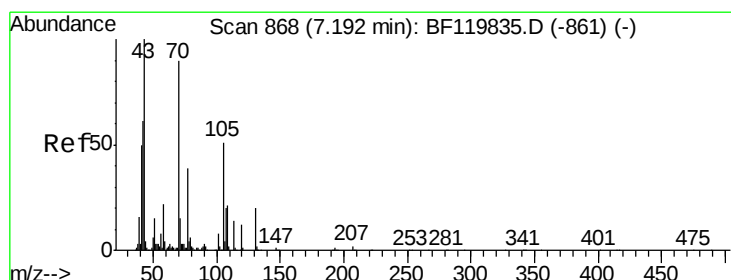
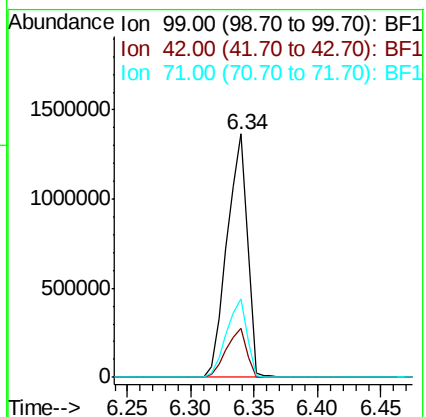
Tot Ion: 99 Resp: 1521815

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.042 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

Tgt Ion: 70 Resp: 121776

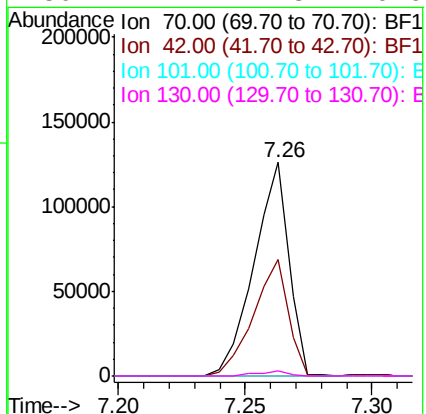
Ion Ratio Lower Upper

70 100

42 54.7 54.2 81.4

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

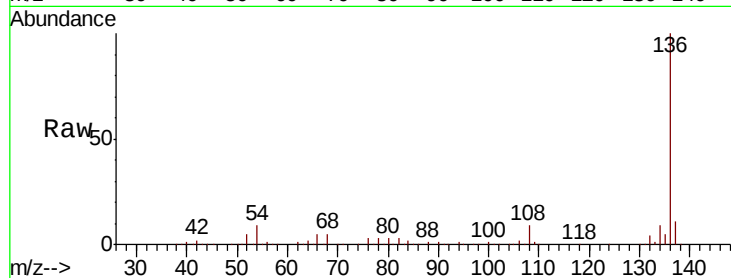




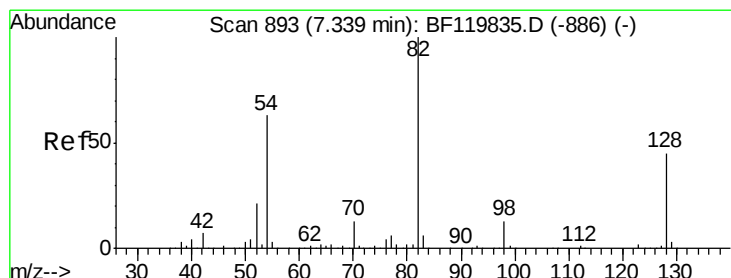
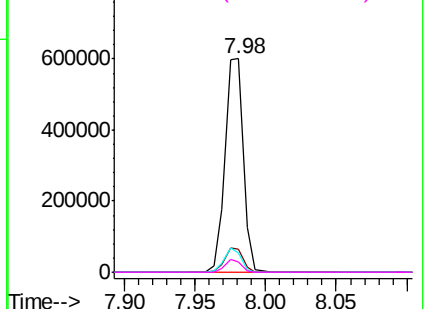
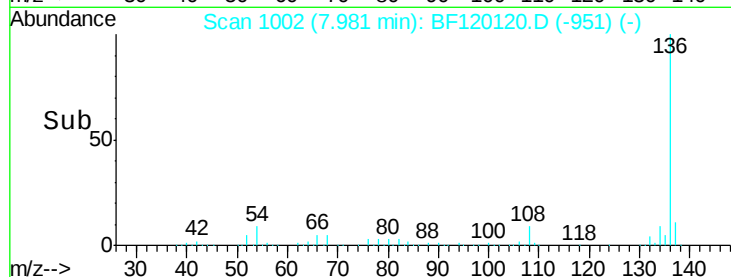
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF120120.D
Acq: 21 Apr 2020 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 541394
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.8 8.5 12.7
68 4.7 3.9 5.9

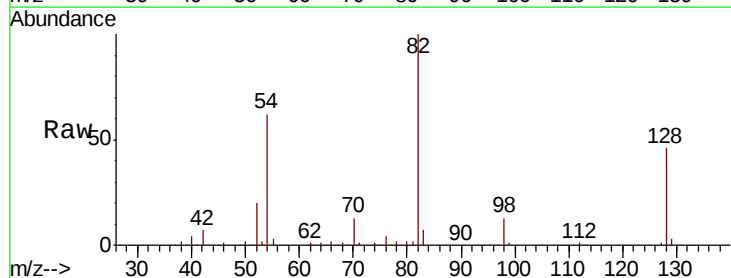


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

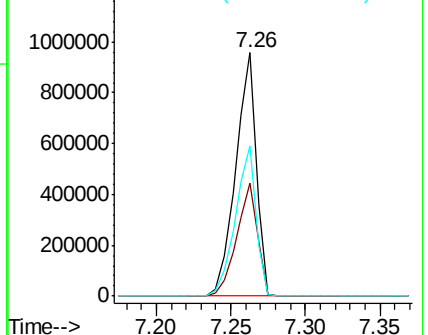
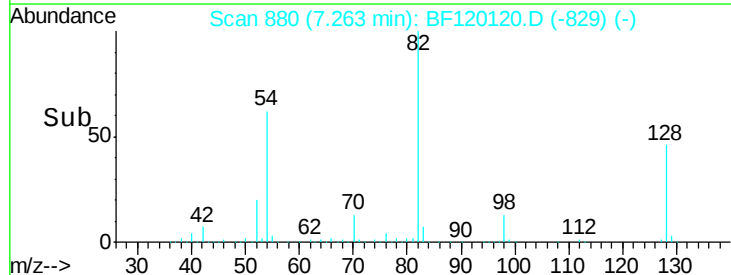


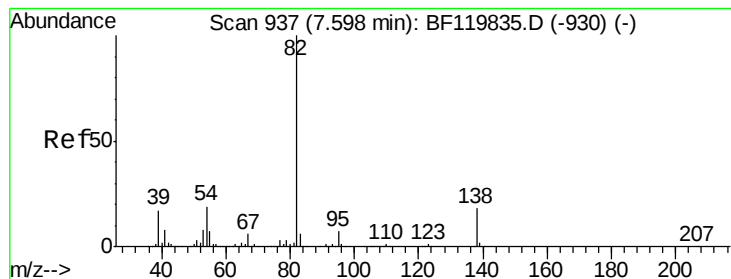
#23
Nitrobenzene-d5
Concen: 88.778 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120120.D
Acq: 21 Apr 2020 23:23

Tgt Ion: 82 Resp: 929064
Ion Ratio Lower Upper
82 100
128 46.4 36.2 54.4
54 61.9 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: 46.038 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

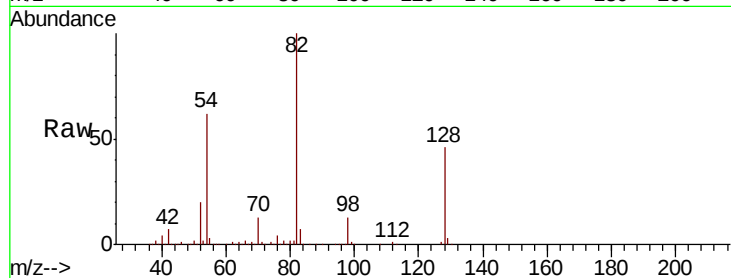
Tot Ion: 82 Resp: 928744

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

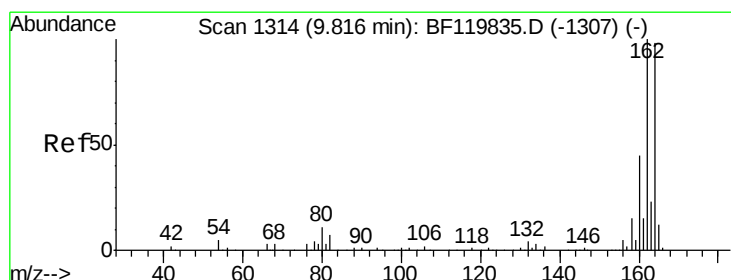
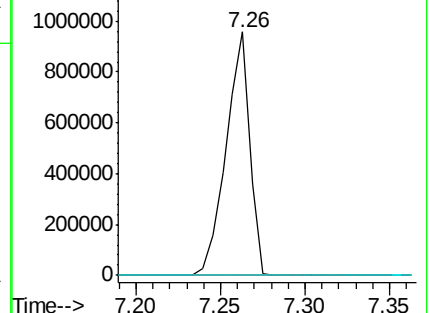
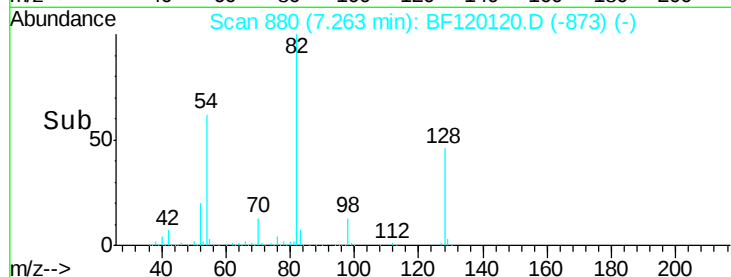
138 0.0 14.5 21.7#



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: BF120120.D

Acq: 21 Apr 2020 23:23

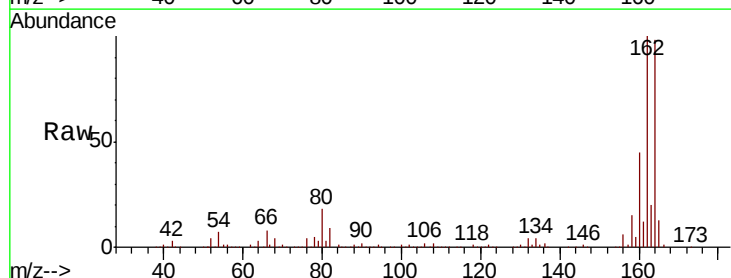
Tgt Ion: 164 Resp: 237297

Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

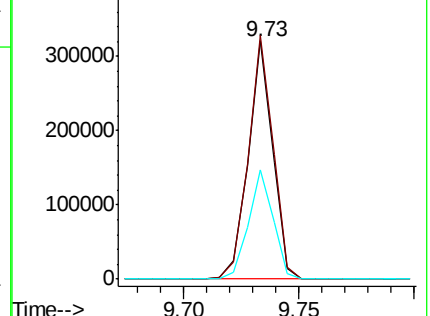
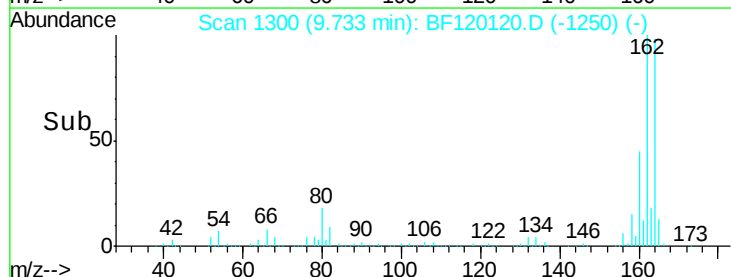
160 45.8 36.6 54.8

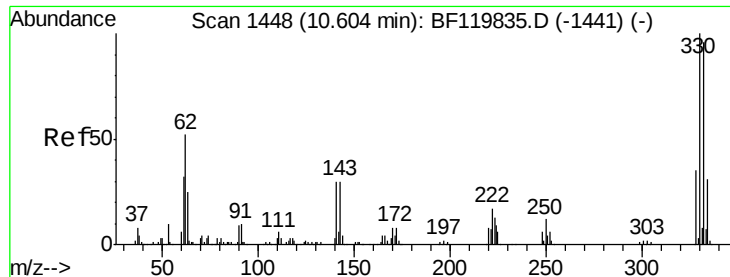


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 97.589 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

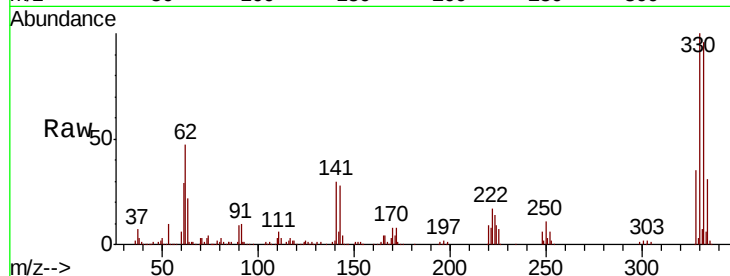
Tot Ion:330 Resp: 283527

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

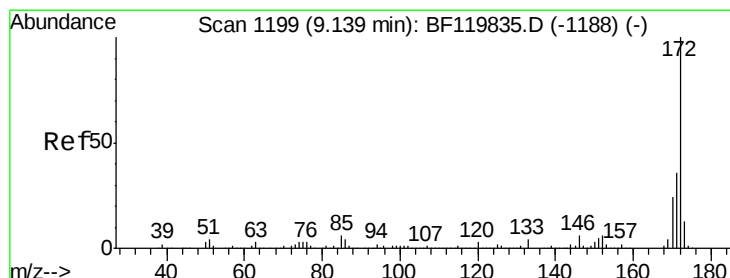
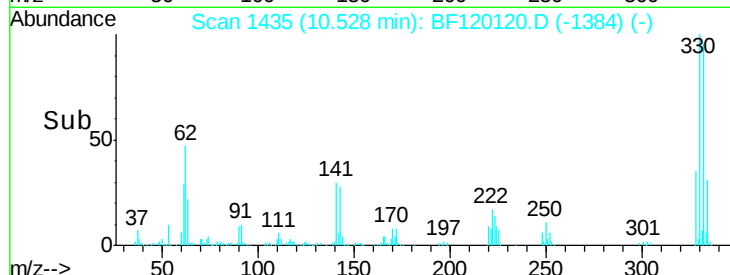
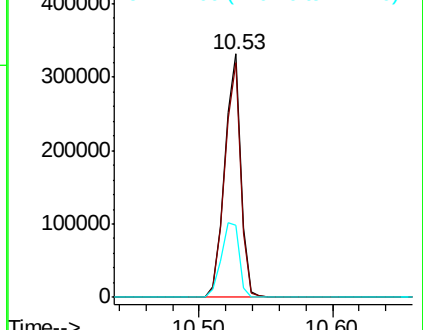
141 34.7 25.1 37.7



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: 98.194 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

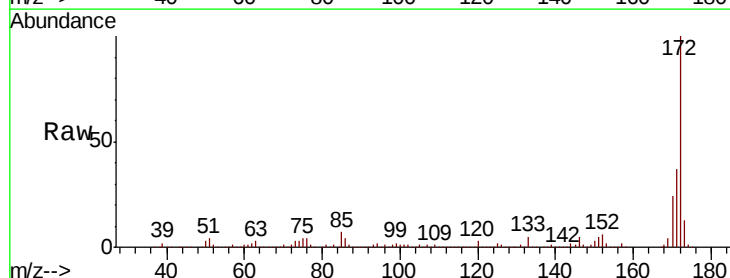
Tgt Ion:172 Resp: 1641176

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

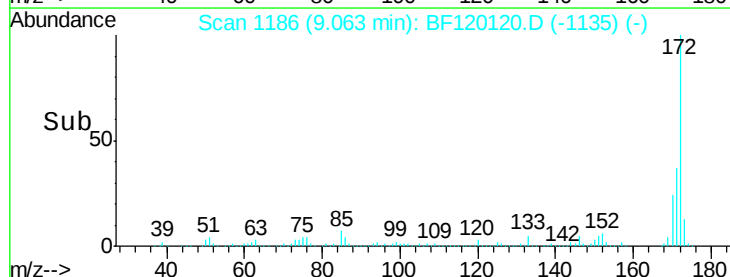
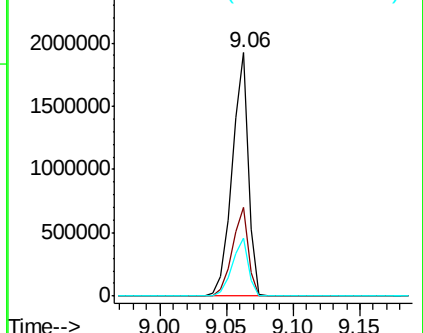
170 23.9 19.4 29.2

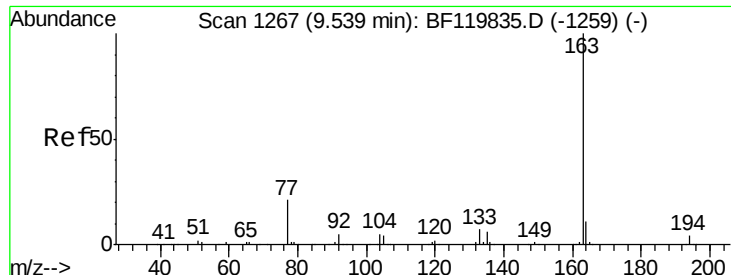


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

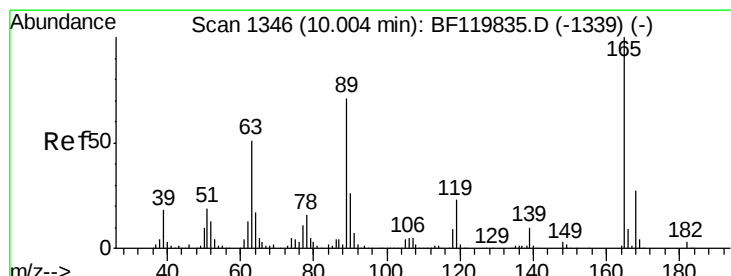
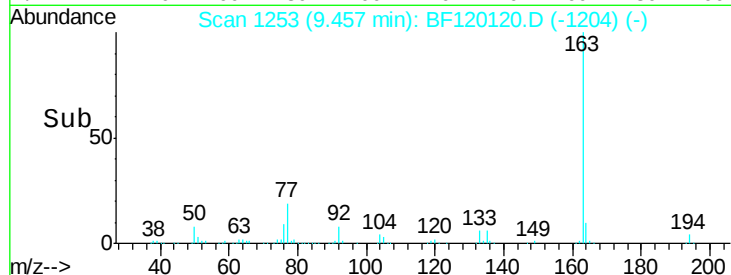
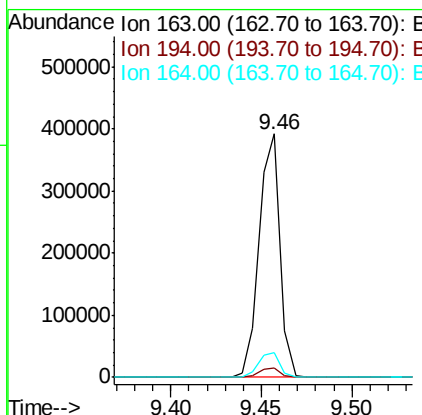
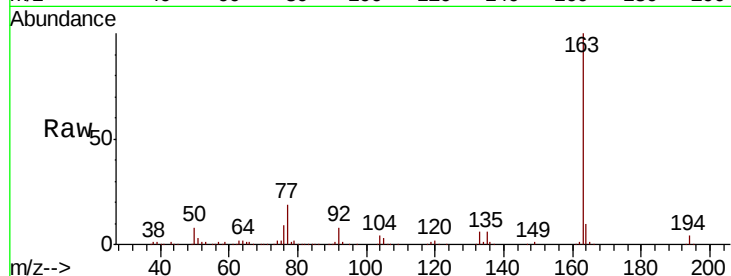




#50
 Dimethylphthalate
 Concen: 17.079 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF120120.D
 Acq: 21 Apr 2020 23:23

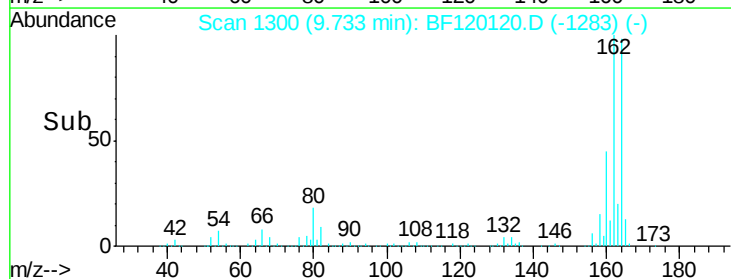
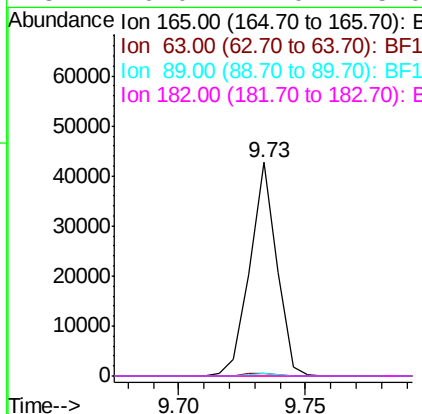
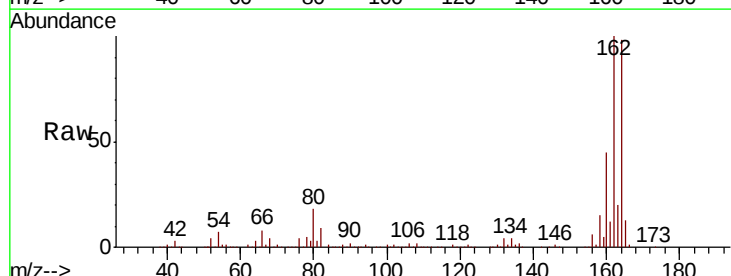
Instrument :
 BNA_F
 ClientSampled :

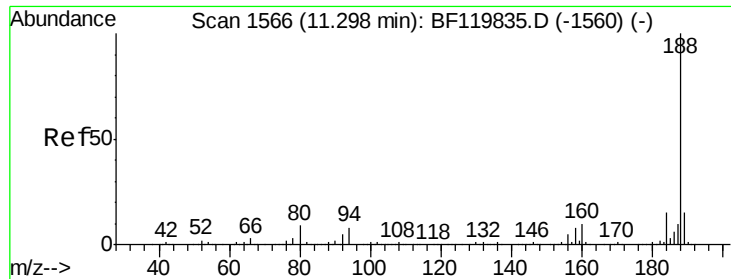
Tot Ion:163	Resp:	313479
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.0 4.4
164	10.3	8.4 12.6



#57
 2,4-Dinitrotoluene
 Concen: 5.976 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF120120.D
 Acq: 21 Apr 2020 23:23

Tgt Ion:165	Resp:	31648
Ion Ratio	Lower	Upper
165	100	
63	1.1	40.8 61.2#
89	1.0	56.9 85.3#
182	0.0	2.0 3.0#

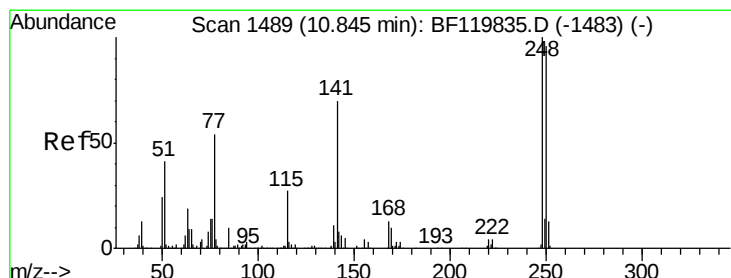
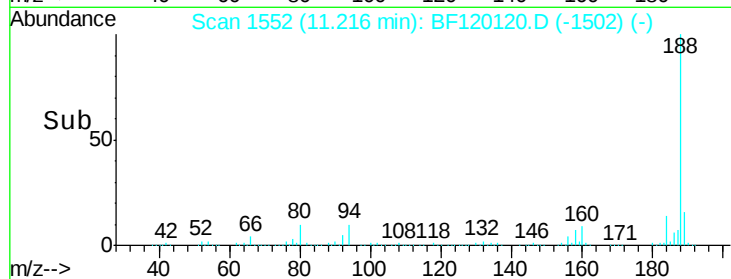
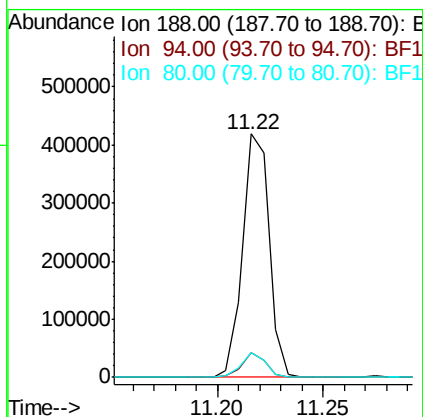
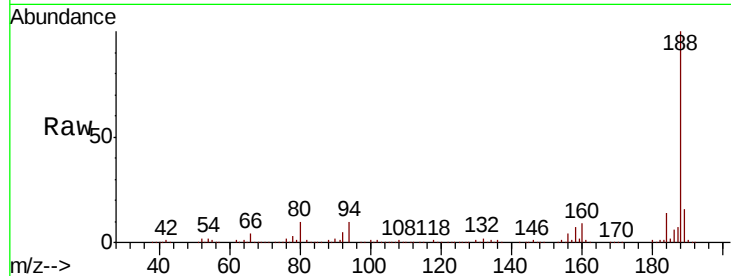




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120120.D
Acq: 21 Apr 2020 23:23

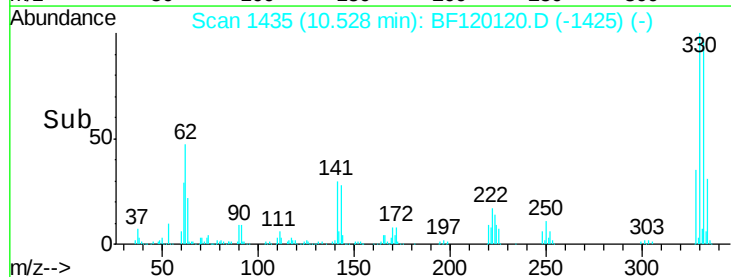
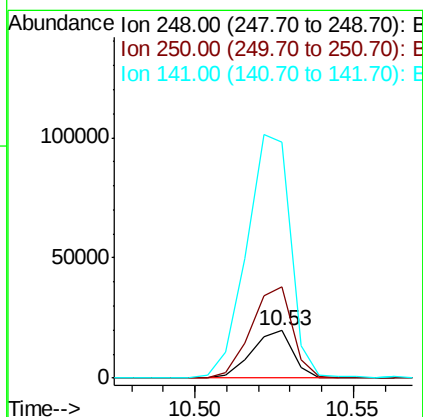
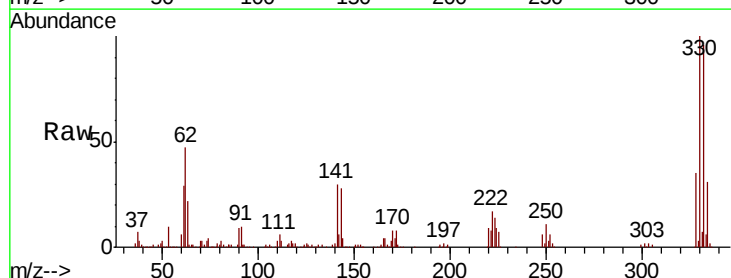
Instrument :
BNA_F
ClientSampleId :

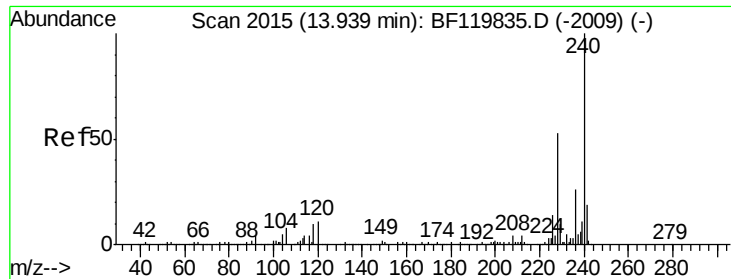
Tot Ion:188 Resp: 366460
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.1 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.884 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF120120.D
Acq: 21 Apr 2020 23:23

Tgt Ion:248 Resp: 17700
Ion Ratio Lower Upper
248 100
250 194.1 76.6 114.8#
141 499.6 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: BF120120.D

Acq: 21 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

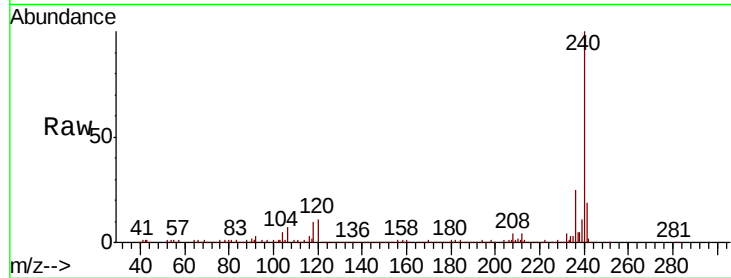
Tot Ion:240 Resp: 302122

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

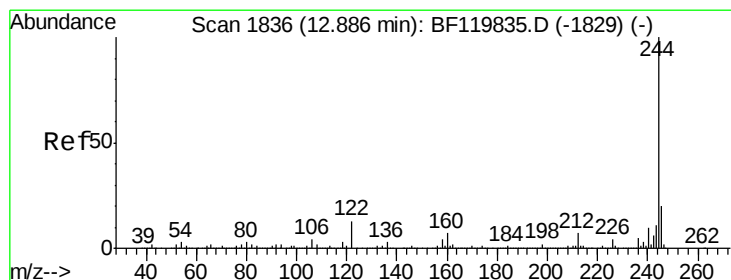
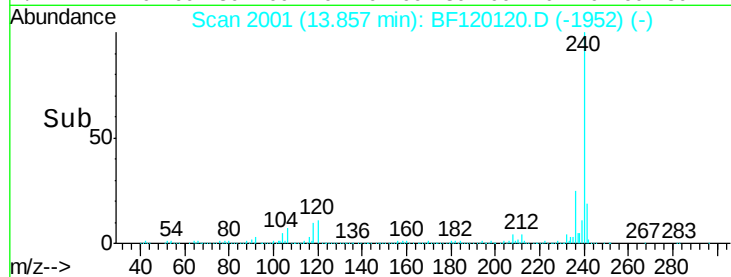
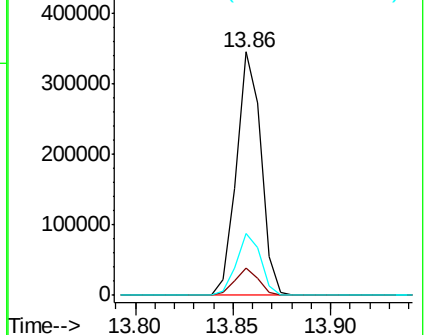
236 25.2 20.7 31.1



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: 70.671 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120120.D

Acq: 21 Apr 2020 23:23

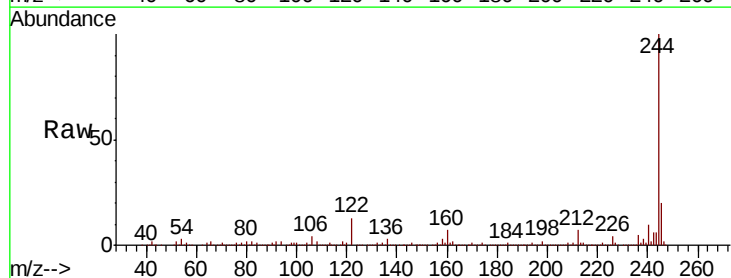
Tgt Ion:244 Resp: 1268910

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

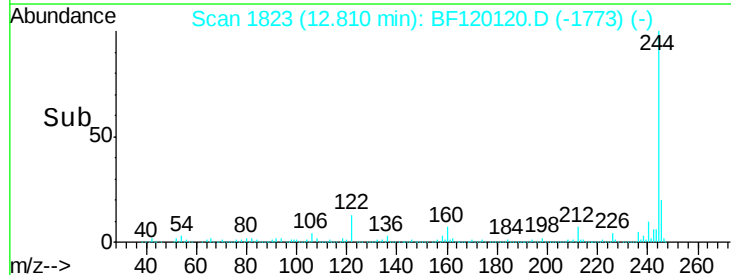
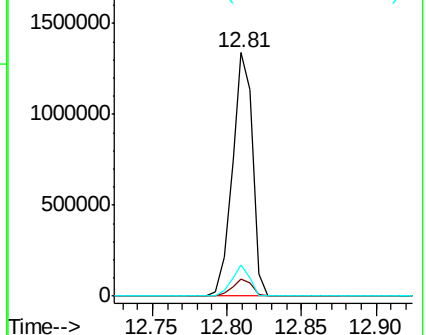
122 13.0 10.3 15.5

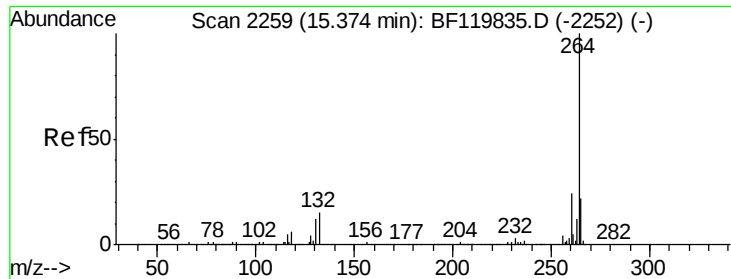


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

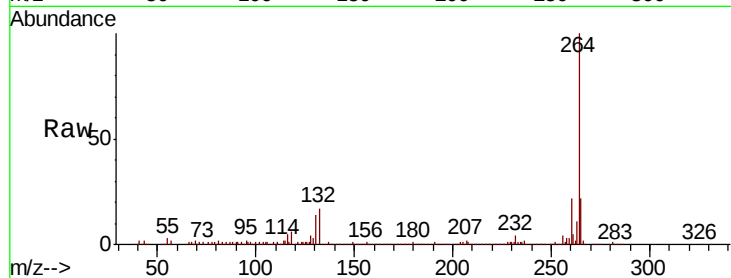




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120120.D
Acq: 21 Apr 2020 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.3	28.9
265	21.8	17.6	26.4



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

