

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120095.D
 Acq On : 20 Apr 2020 23:13
 Operator : MA/SJ
 Sample : L2314-10 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:15:31 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

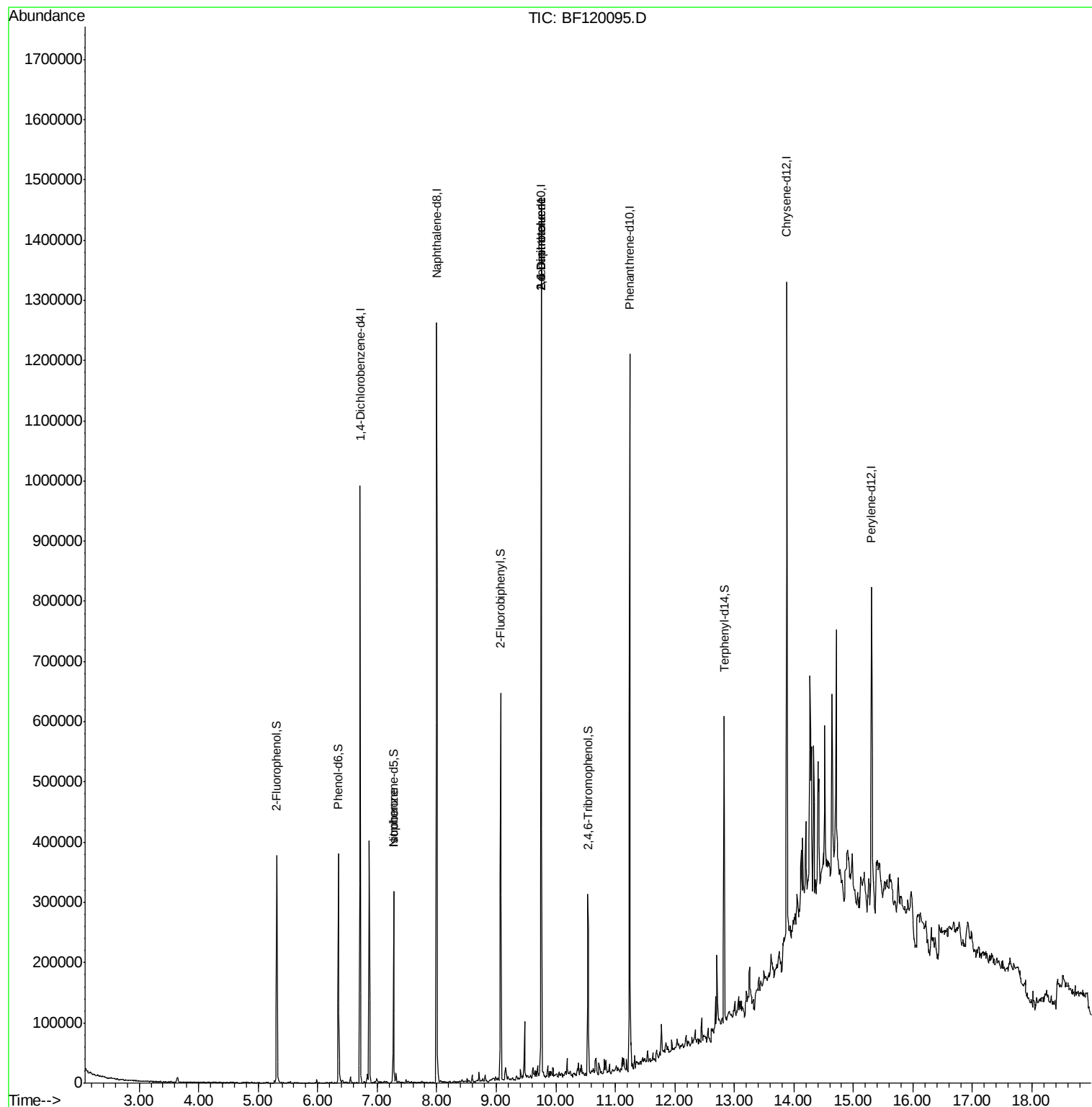
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	135786	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	507205	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	273981	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	427248	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	346941	20.00	ng	-0.02
87) Perylene-d12	15.30	264	254549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	104216	13.26	ng	0.00
7) Phenol-d6	6.35	99	123553	12.20	ng	-0.02
23) Nitrobenzene-d5	7.27	82	86757	8.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	31109	9.27	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	173764	9.00	ng	-0.01
79) Terphenyl-d14	12.83	244	167491	8.12	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.35	77	1206	Below Cal	Qvalue	
25) Isophorone	7.27	82	84969	4.496 ng	#	1
51) 2,6-Dinitrotoluene	9.76	165	35046	7.552 ng	#	65
57) 2,4-Dinitrotoluene	9.76	165	35046	5.732 ng	#	20
					#	23

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120095.D
Acq On : 20 Apr 2020 23:13
Operator : MA/SJ
Sample : L2314-10 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 01:15:31 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



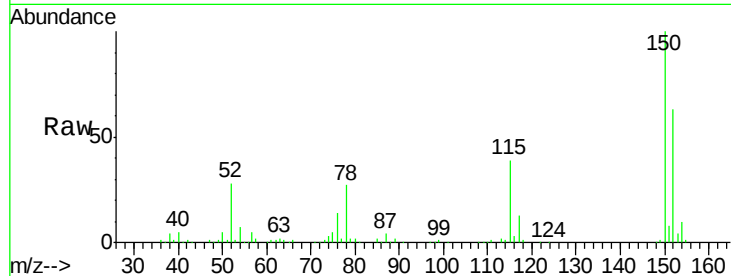


#1

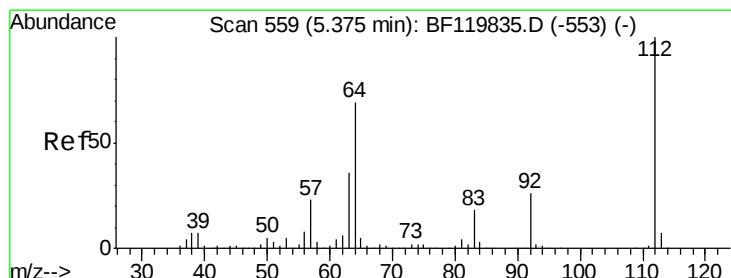
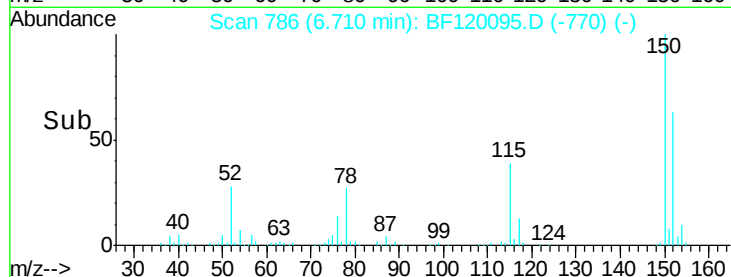
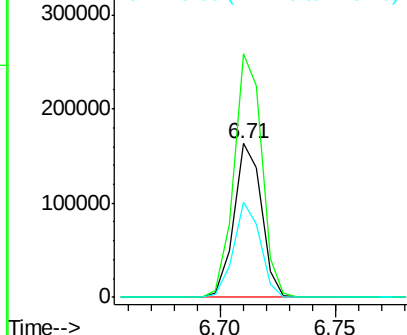
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135786
Ion Ratio Lower Upper
152 100
150 158.7 124.8 187.2
115 61.9 46.5 69.7



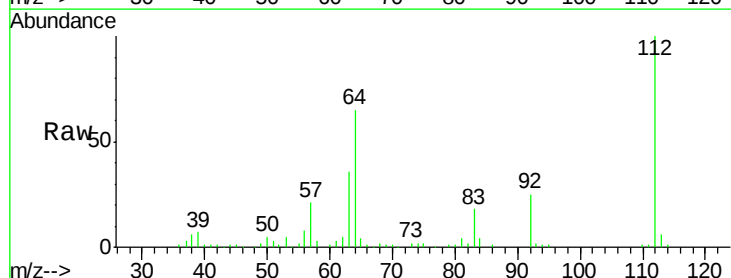
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



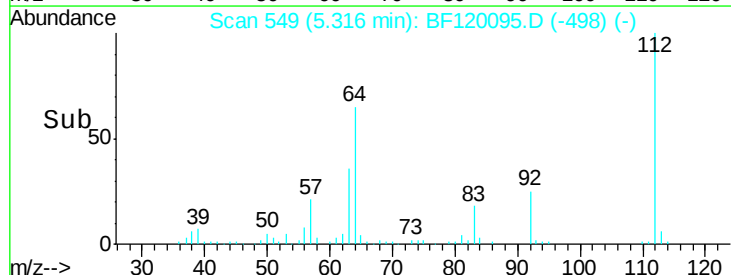
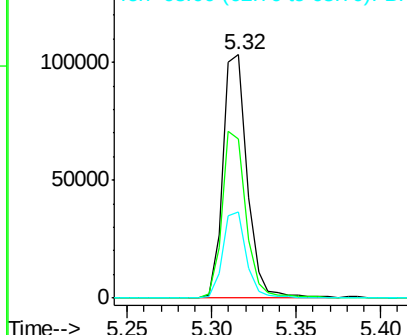
#5

2-Fluorophenol
Concen: 13.264 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Tgt Ion:112 Resp: 104216
Ion Ratio Lower Upper
112 100
64 65.3 55.5 83.3
63 35.5 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: 12.204 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Instrument :

BNA_F

ClientSampleId :

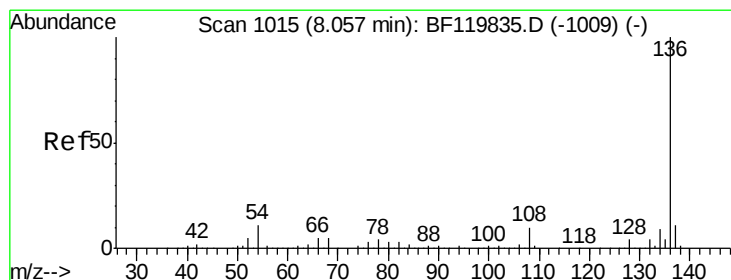
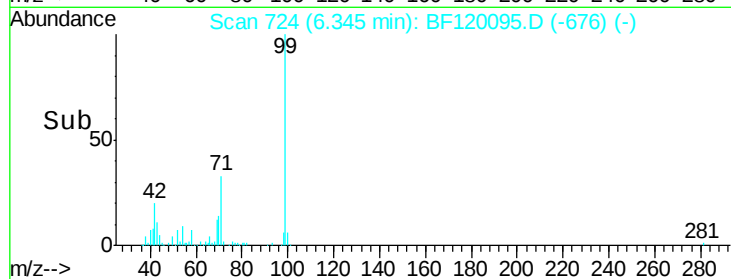
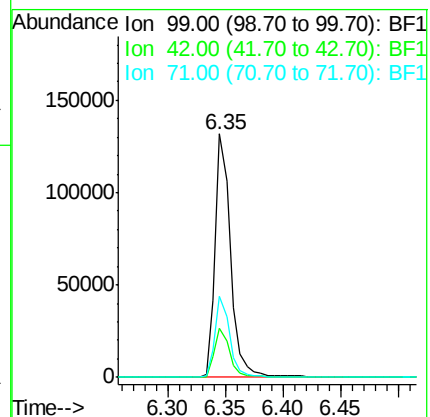
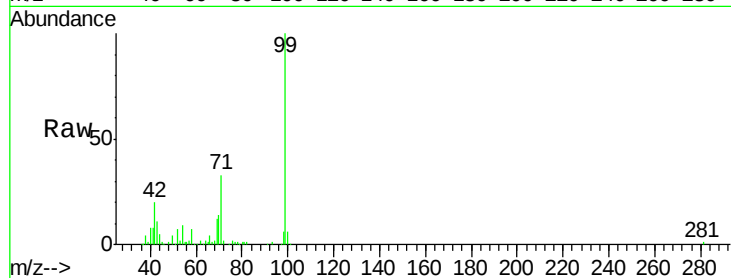
Tot Ion: 99 Resp: 123553

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

71 33.2 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Tgt Ion: 136 Resp: 507205

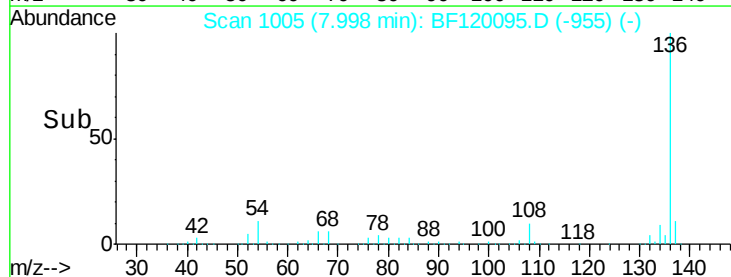
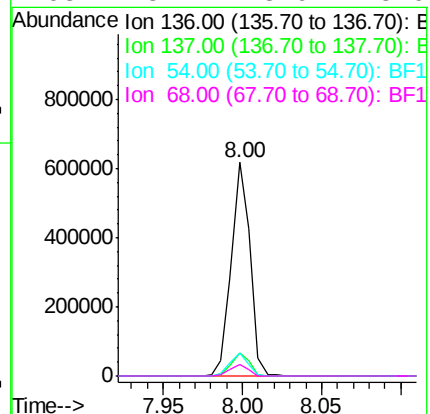
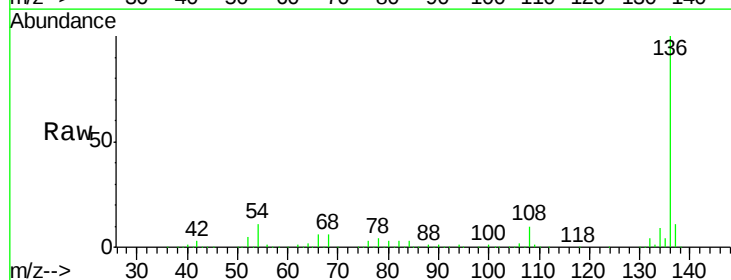
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.8 8.5 12.7

68 5.7 3.9 5.9

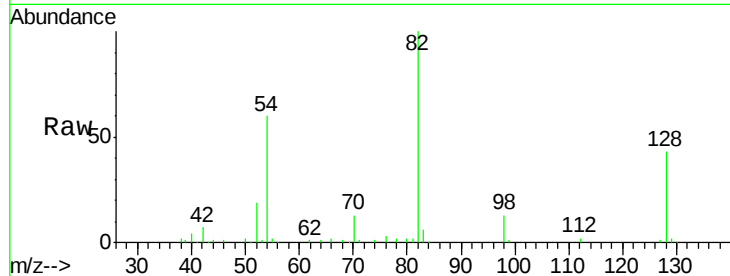




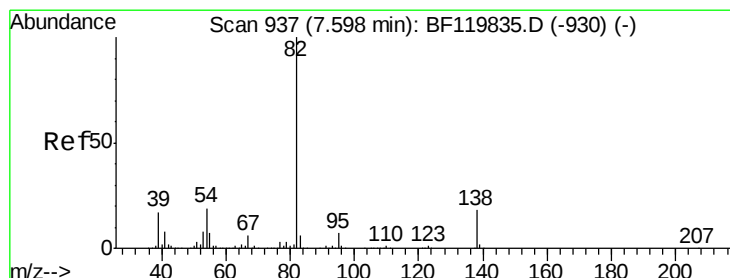
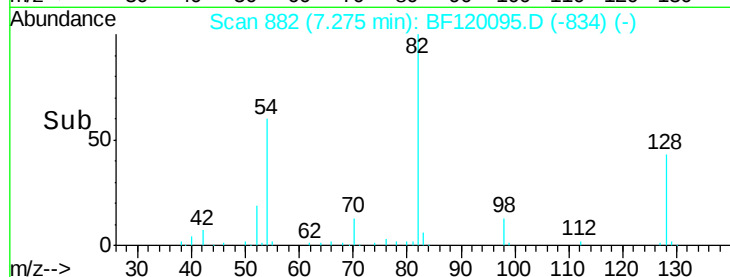
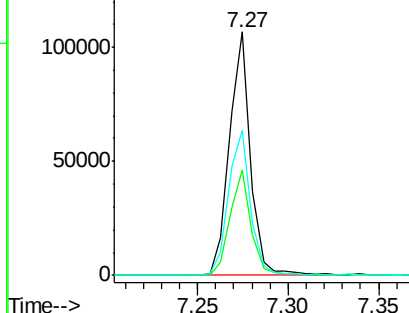
#23
Nitrobenzene-d5
Concen: 8.849 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	86757
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.2	54.4
54	59.7	50.4	75.6

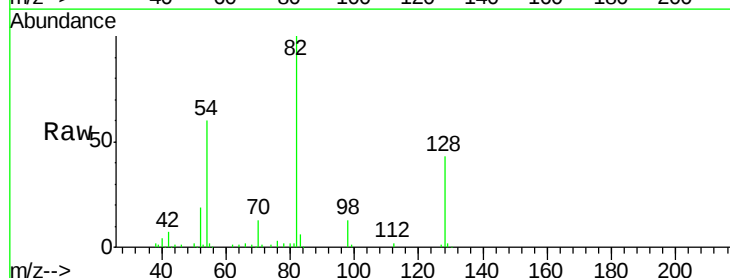


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

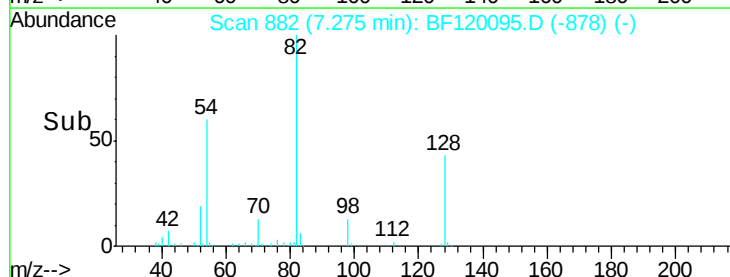
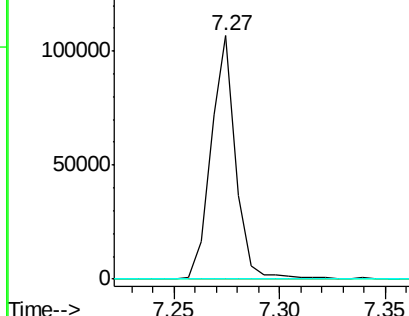


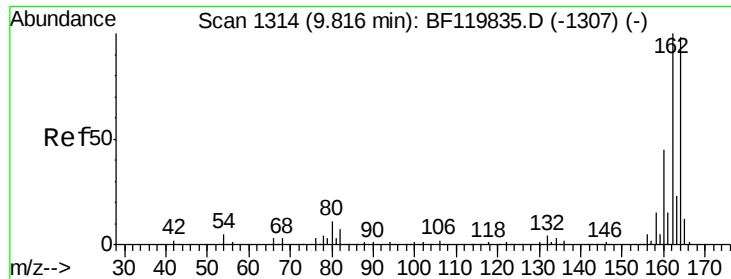
#25
Isophorone
Concen: 4.496 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Tgt Ion	82	Resp	84969
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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Instrument :

BNA_F

ClientSampleId :

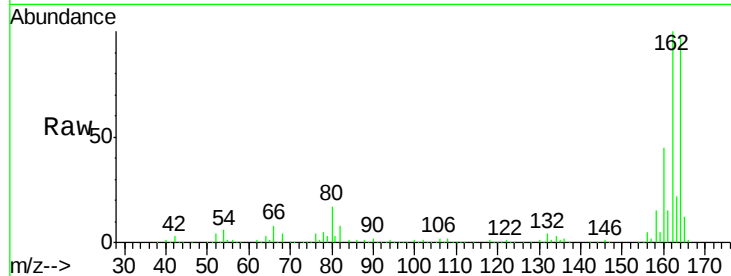
Tot Ion:164 Resp: 273981

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

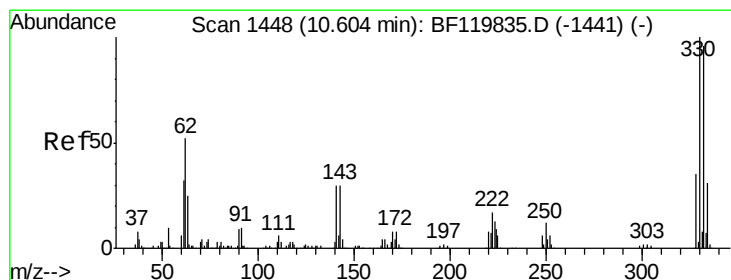
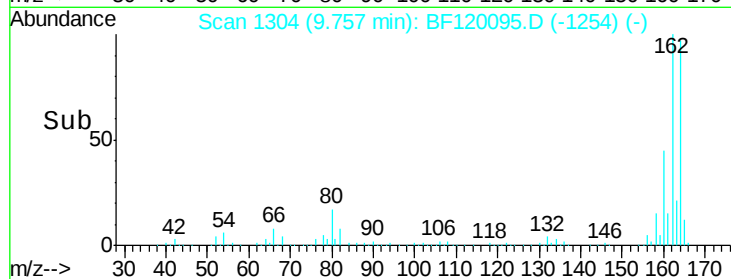
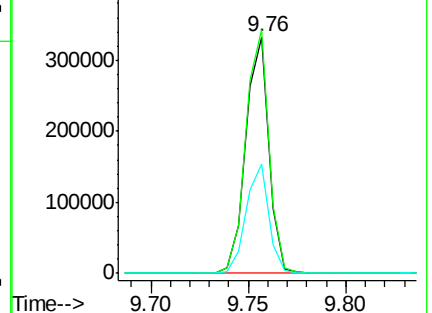
160 46.2 36.6 54.8



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: 9.274 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

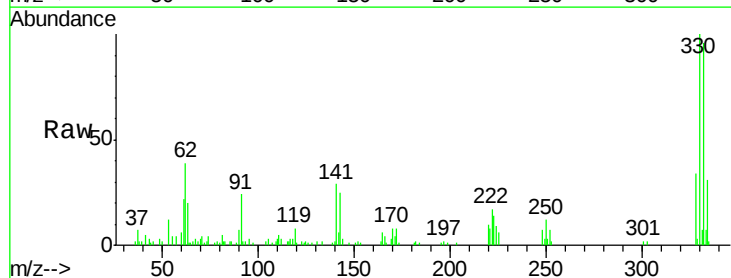
Tgt Ion:330 Resp: 31109

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

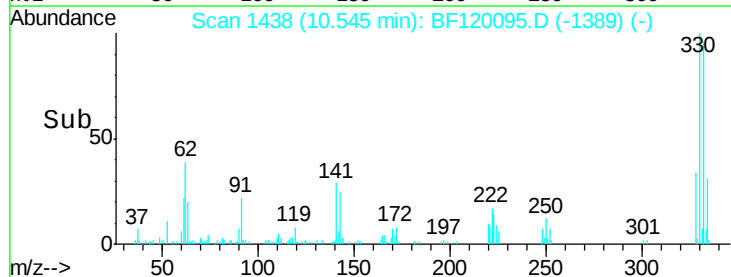
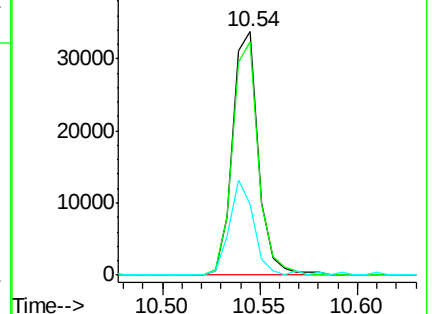
141 36.2 25.1 37.7

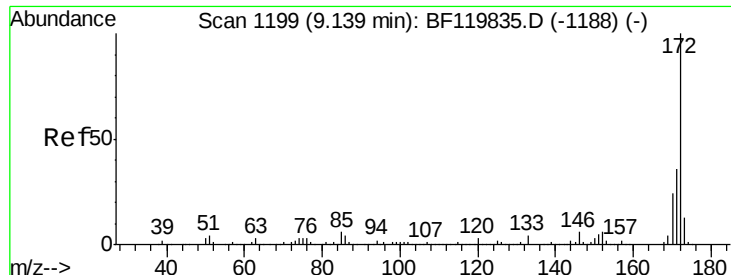


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

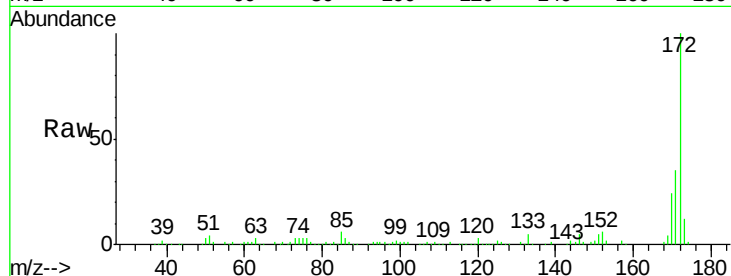




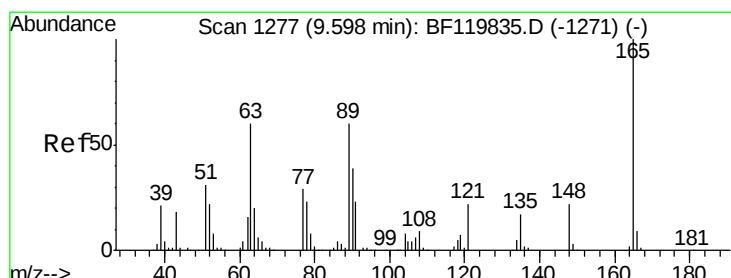
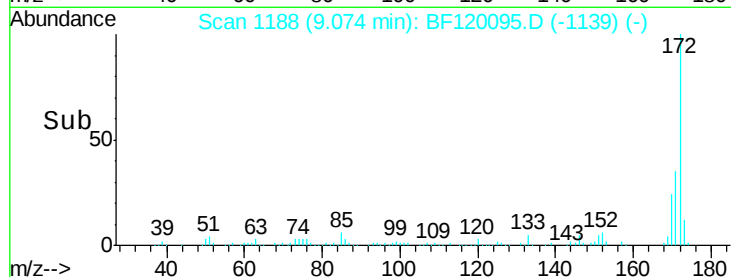
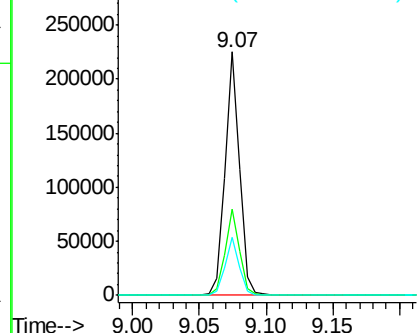
#45
2-Fluorobiphenyl
Concen: 9.005 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 173764
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.9 19.4 29.2

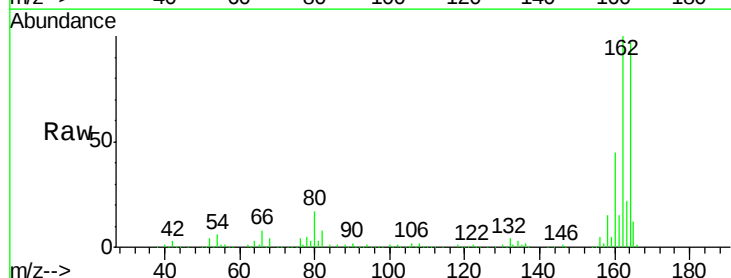


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

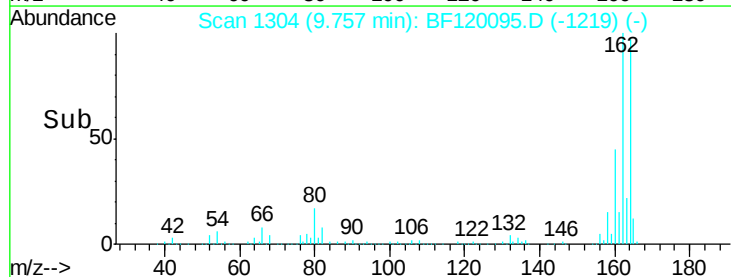
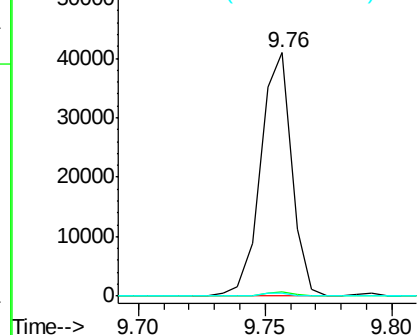


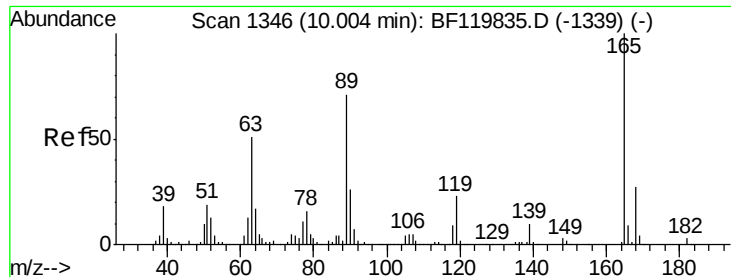
#51
2,6-Dinitrotoluene
Concen: 7.552 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Tgt Ion:165 Resp: 35046
Ion Ratio Lower Upper
165 100
63 1.6 55.6 83.4#
89 1.5 47.9 71.9#



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

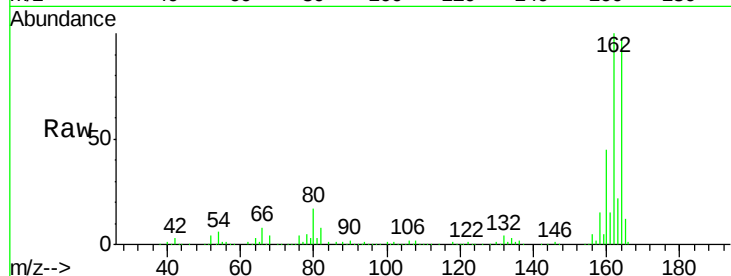




#57
 2,4-Dinitrotoluene
 Concen: 5.732 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF120095.D
 Acq: 20 Apr 2020 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.8	61.2#
89	1.5	56.9	85.3#
182	0.0	2.0	3.0#

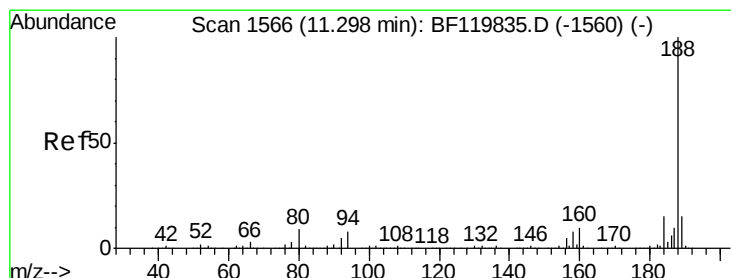
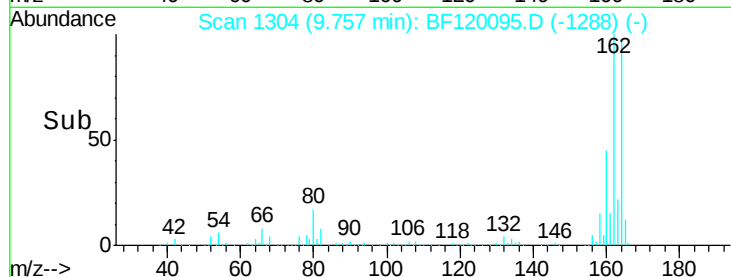
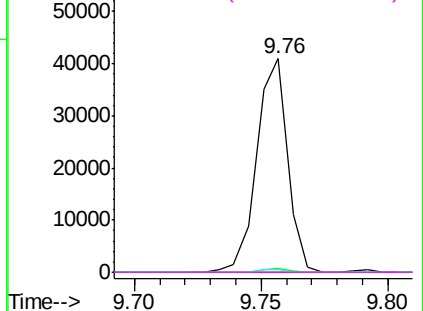


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

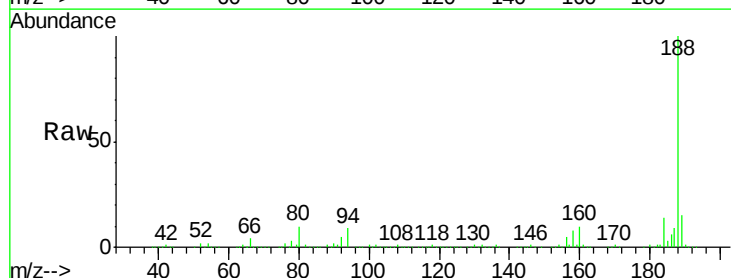
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF120095.D
 Acq: 20 Apr 2020 23:13

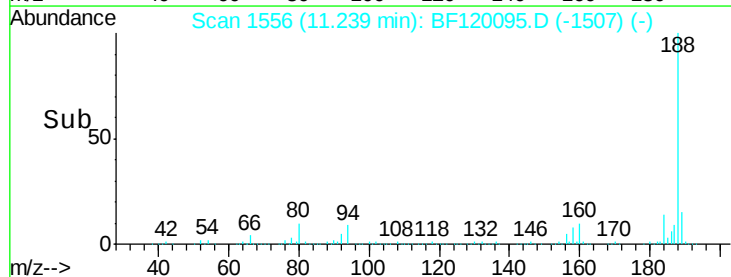
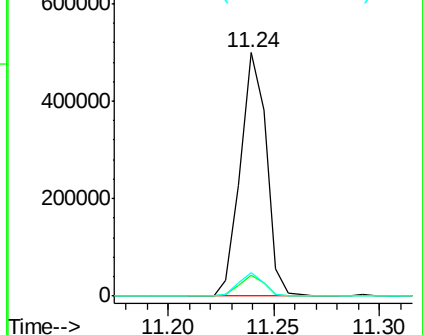
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.8	7.4	11.2

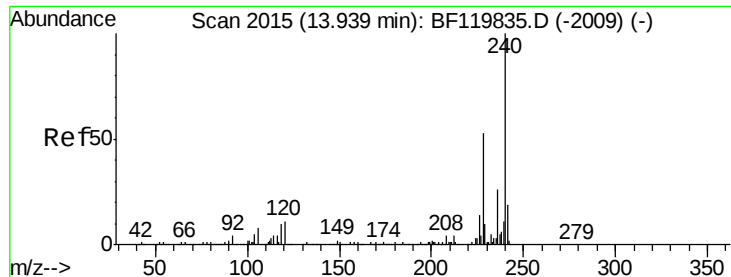


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Instrument :

BNA_F

ClientSampled :

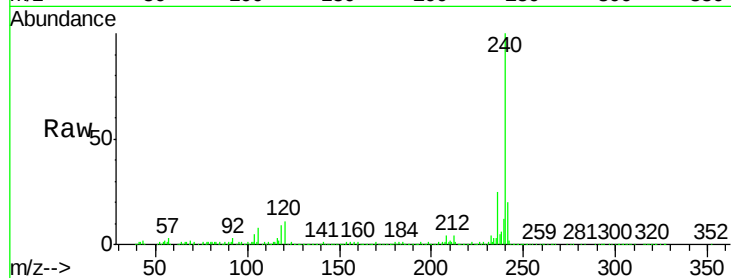
Tot Ion:240 Resp: 346941

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

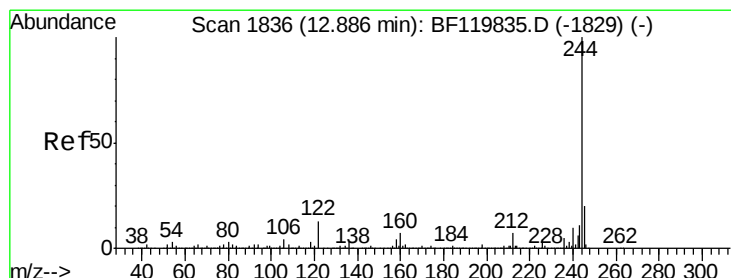
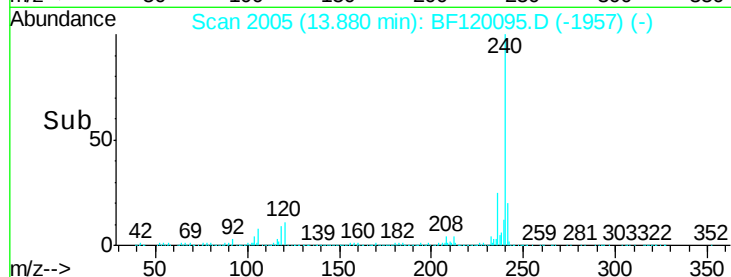
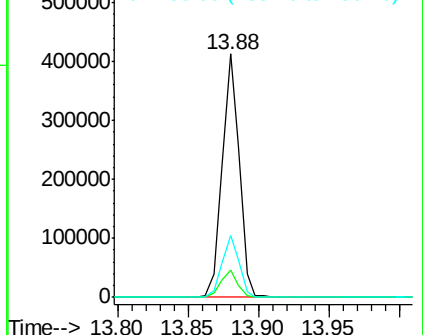
236 25.4 20.7 31.1



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: 8.123 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

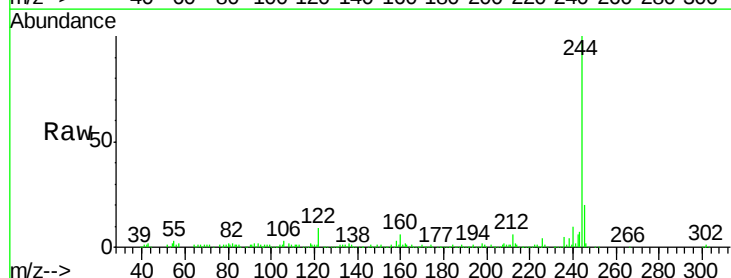
Tgt Ion:244 Resp: 167491

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

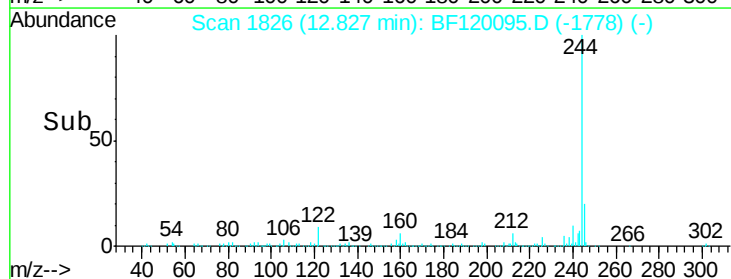
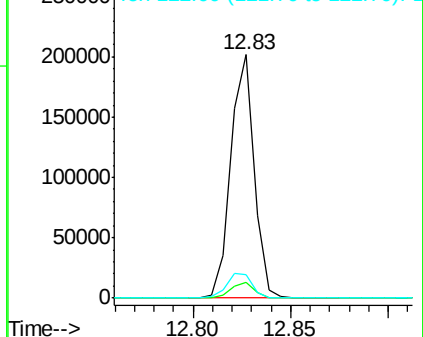
122 9.5 10.3 15.5#

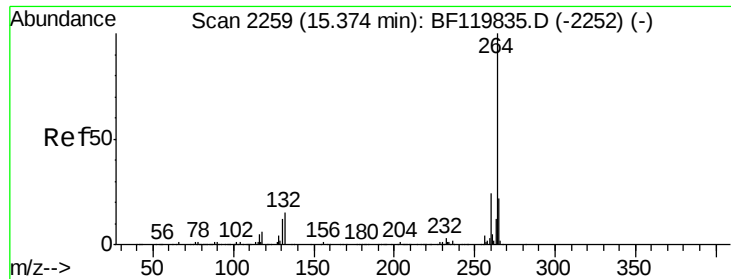


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

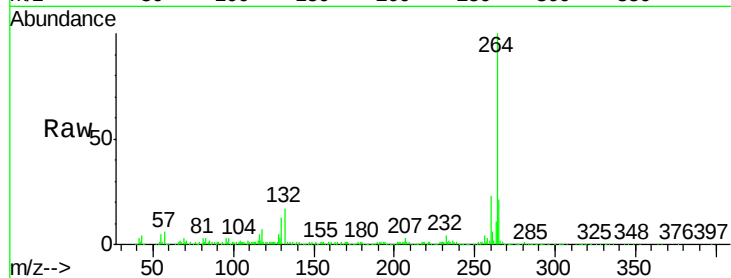




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF120095.D
 Acq: 20 Apr 2020 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.3	28.9
265	20.7	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

