

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120015.D
 Acq On : 16 Apr 2020 1:58
 Operator : MA/SJ
 Sample : L2122-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

Quant Time: Apr 16 04:27:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

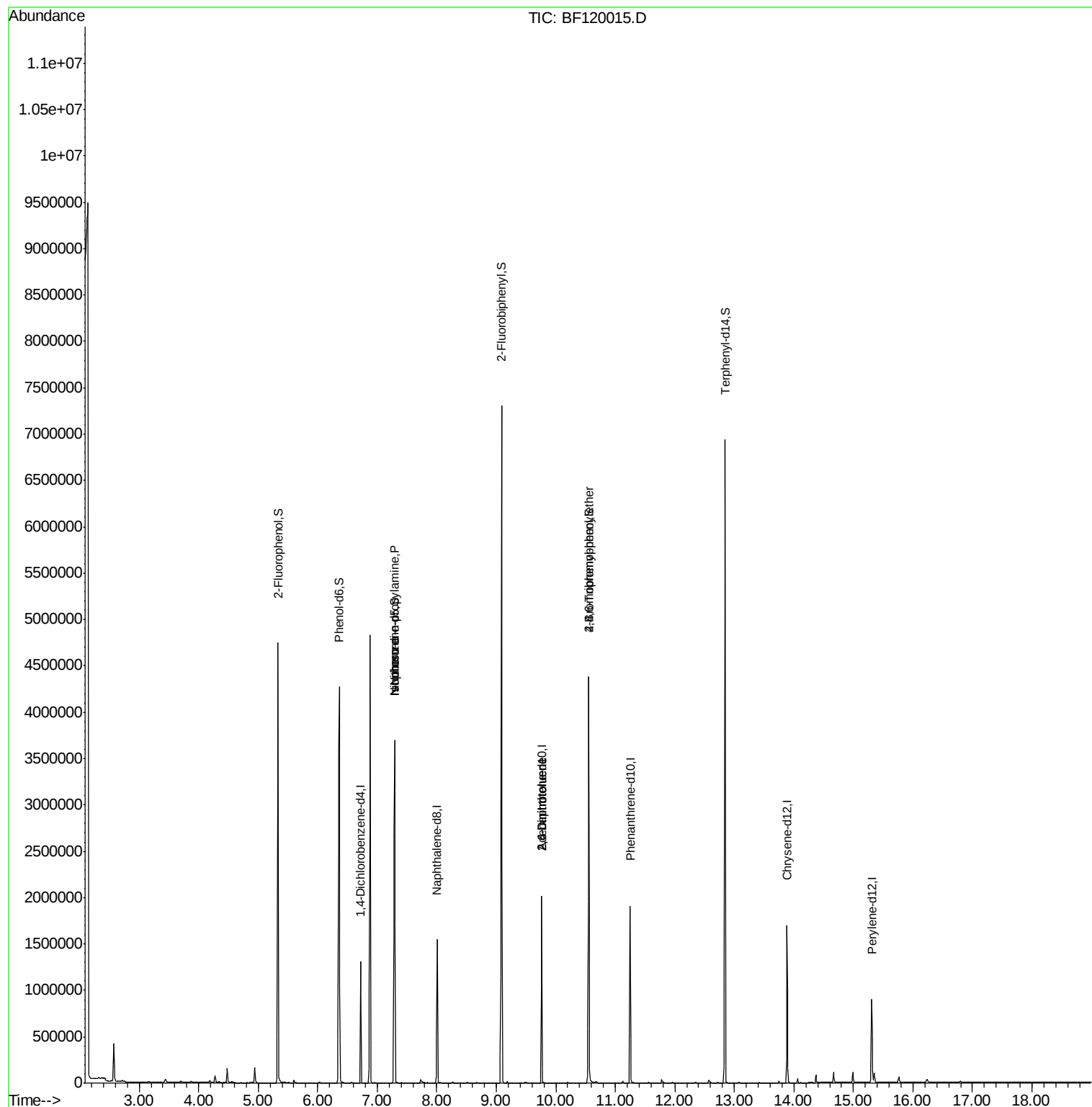
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182077	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	705015	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	377969	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	756369	20.00	ng	0.00
76) Chrysene-d12	13.89	240	552924	20.00	ng	-0.01
87) Perylene-d12	15.31	264	407732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1470592	139.58	ng	0.00
7) Phenol-d6	6.36	99	1688153	124.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	1254475	92.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	557112	120.39	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2374919	89.21	ng	0.00
79) Terphenyl-d14	12.85	244	2822301	85.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	2317	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	165337	18.939 ng	#	1
25) Isophorone	7.29	82	1249105	47.548 ng	#	73
51) 2,6-Dinitrotoluene	9.76	165	48782	7.620 ng	#	65
57) 2,4-Dinitrotoluene	9.76	165	48782	5.783 ng	#	20
67) 4-Bromophenyl-phenylether	10.56	248	35428	3.766 ng	#	23
					#	1

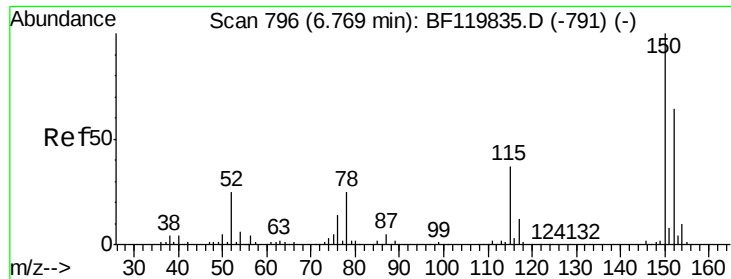
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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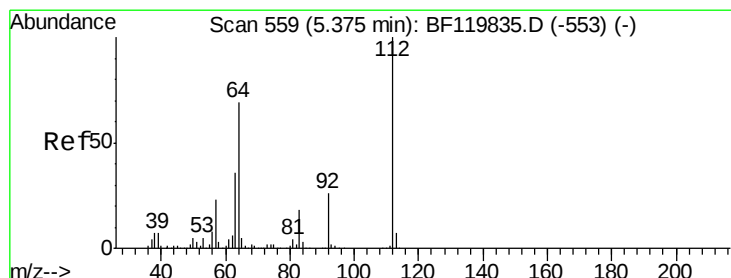
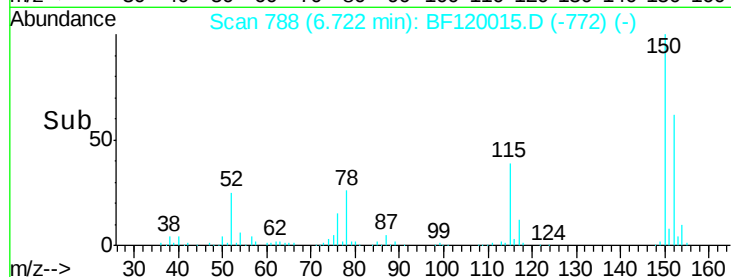
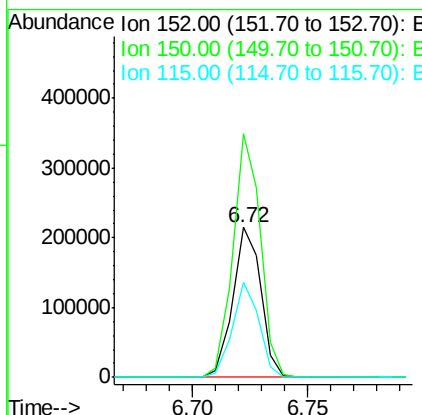
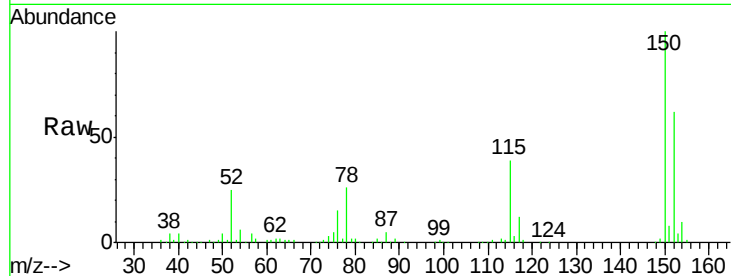


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

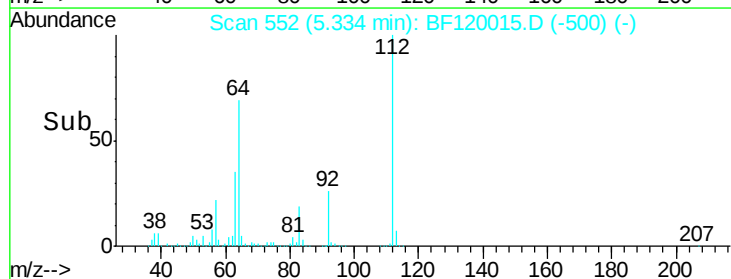
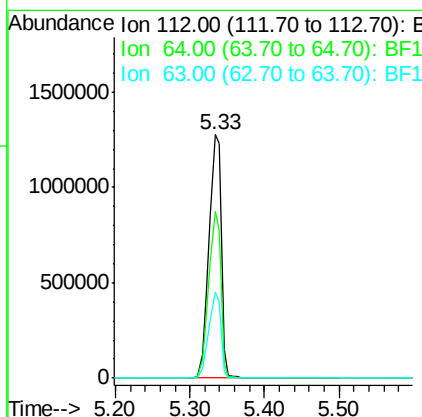
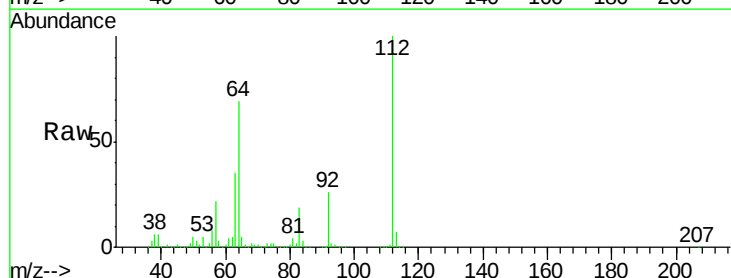
Tot Ion:152 Resp: 182077
 Ion Ratio Lower Upper
 152 100
 150 162.2 124.8 187.2
 115 63.1 46.5 69.7

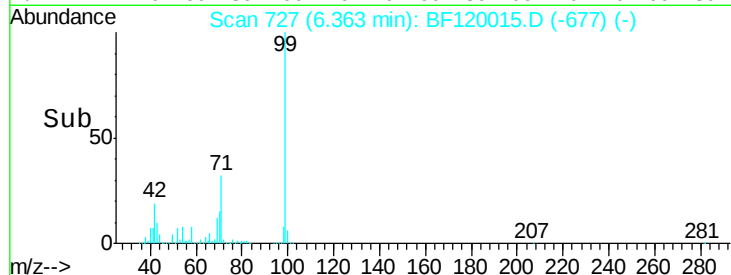
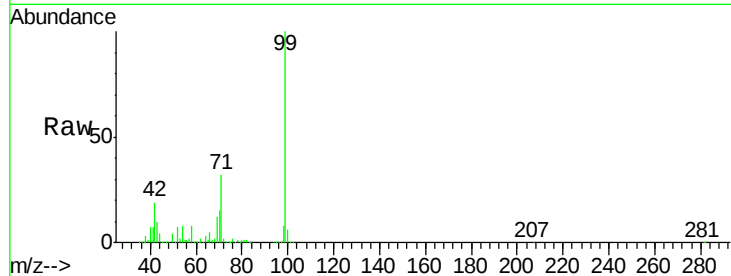


#5

2-Fluorophenol
 Concen: 139.581 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Tgt Ion:112 Resp: 1470592
 Ion Ratio Lower Upper
 112 100
 64 68.6 55.5 83.3
 63 35.4 29.1 43.7





#7

Phenol-d6

Concen: 124.350 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

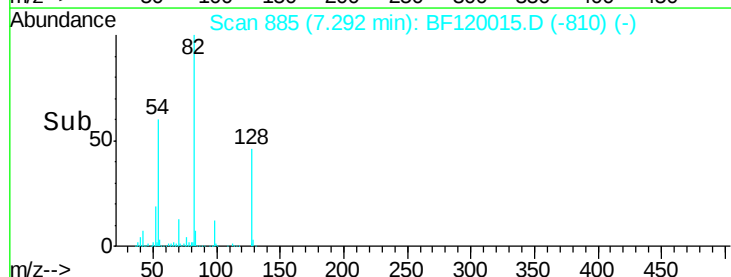
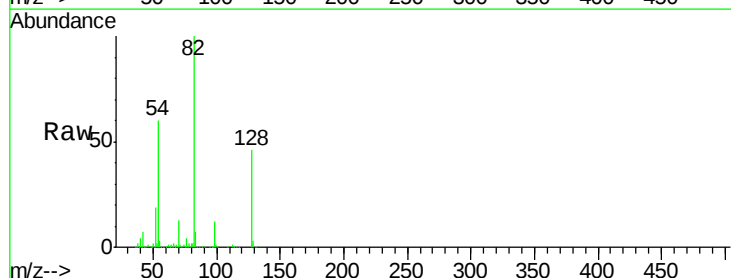
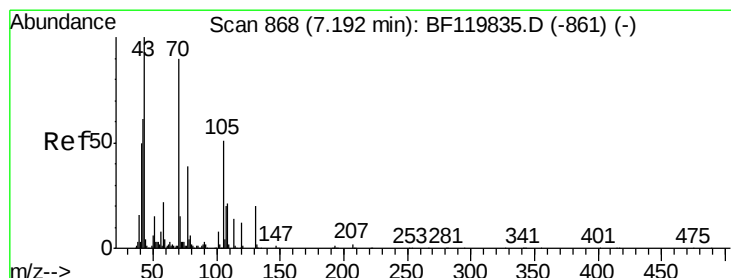
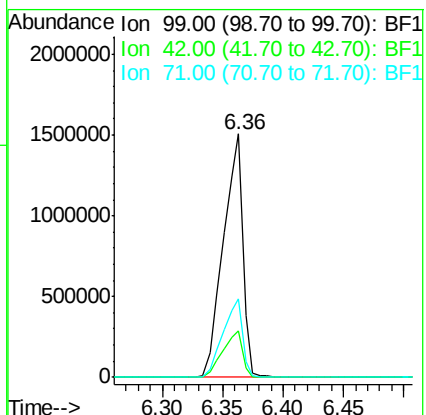
Tot Ion: 99 Resp: 1688153

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 18.939 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Tgt Ion: 70 Resp: 165337

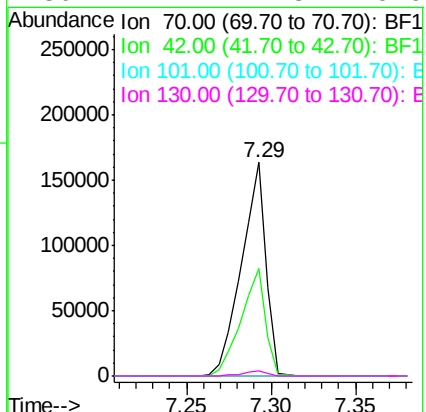
Ion Ratio Lower Upper

70 100

42 50.1 54.2 81.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

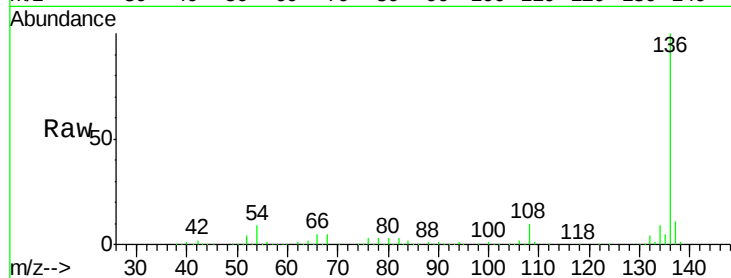




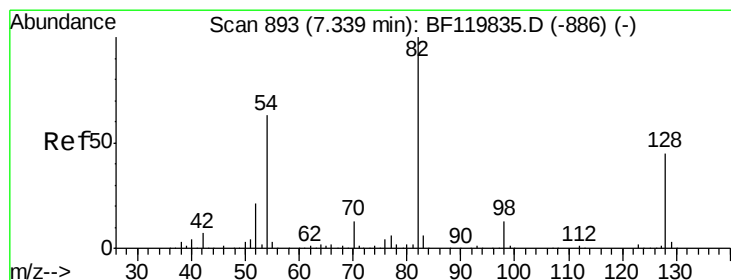
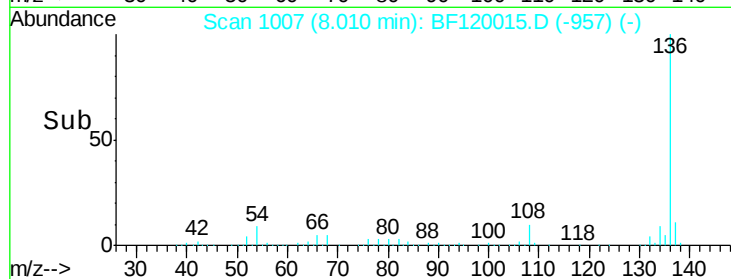
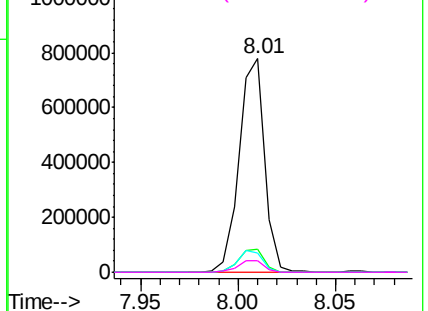
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120015.D
Acq: 16 Apr 2020 1:58

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

Tot Ion:136	Resp:	705015
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	8.8	8.5 12.7
68	5.2	3.9 5.9

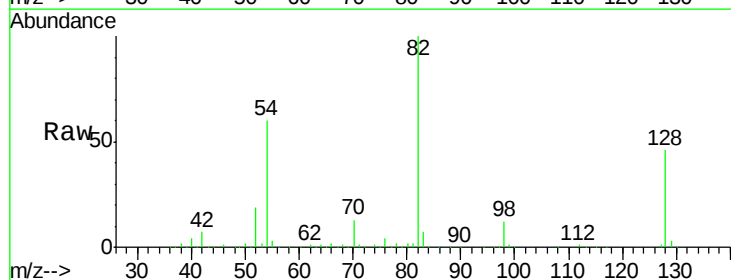


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

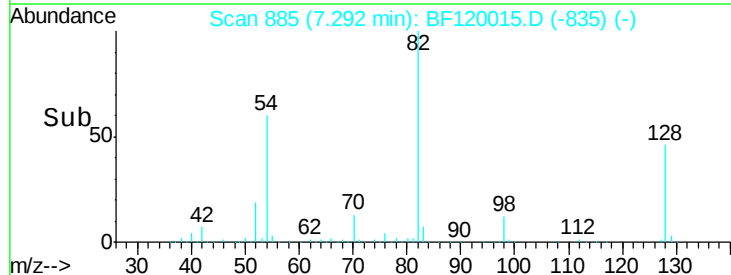
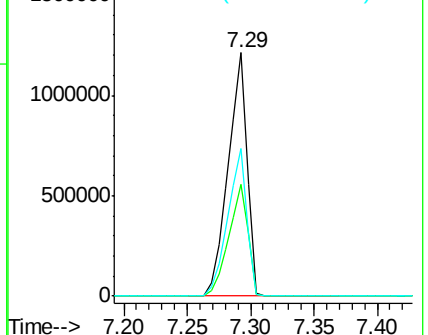


#23
Nitrobenzene-d5
Concen: 92.053 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120015.D
Acq: 16 Apr 2020 1:58

Tgt Ion: 82	Resp:	1254475
Ion Ratio	Lower	Upper
82	100	
128	45.8	36.2 54.4
54	60.4	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: 47.548 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

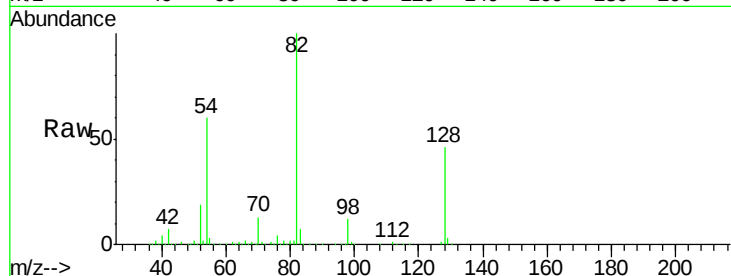
Tot Ion: 82 Resp: 1249105

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

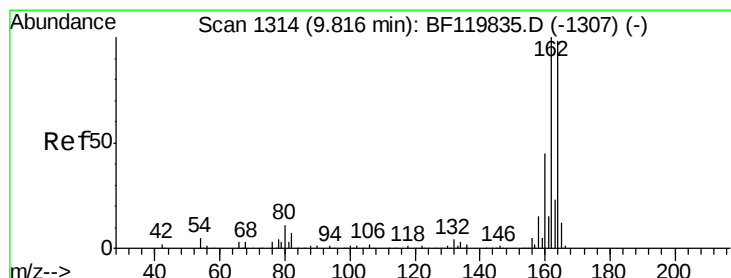
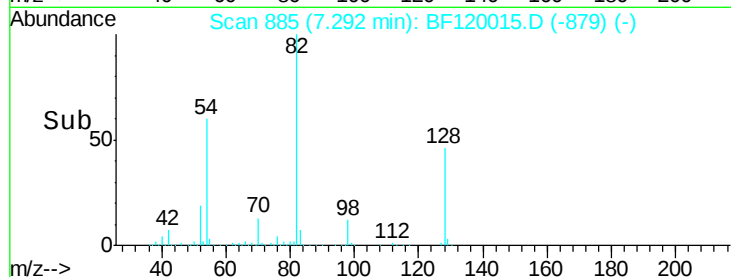
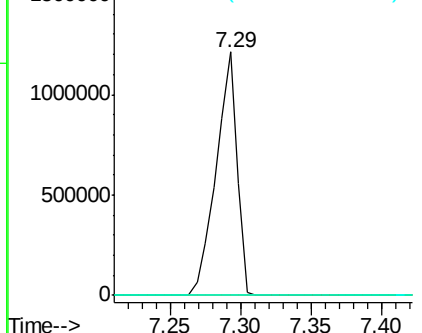
138 0.0 14.5 21.7#



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# 1305

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

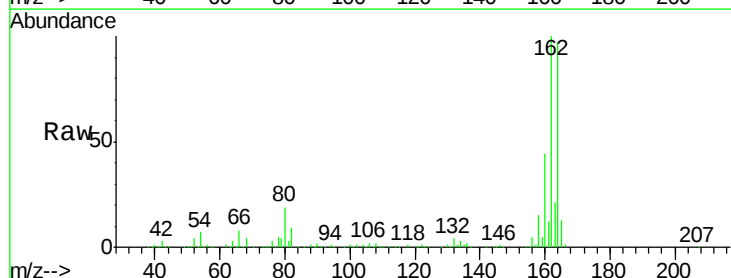
Tgt Ion:164 Resp: 377969

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

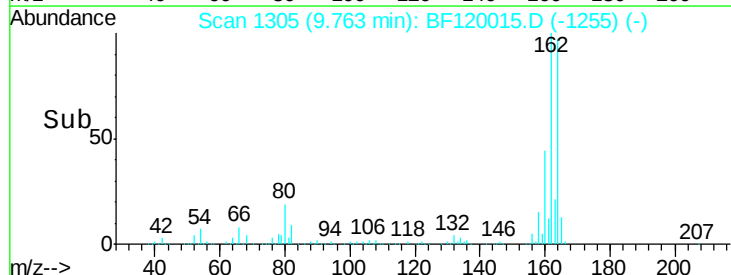
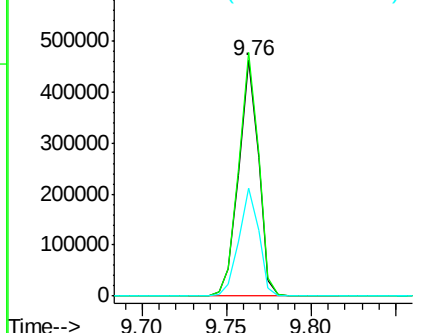
160 45.8 36.6 54.8



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

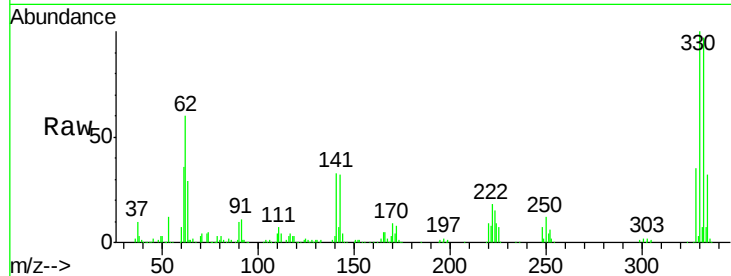




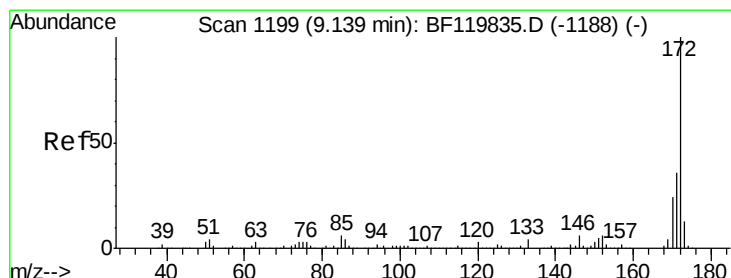
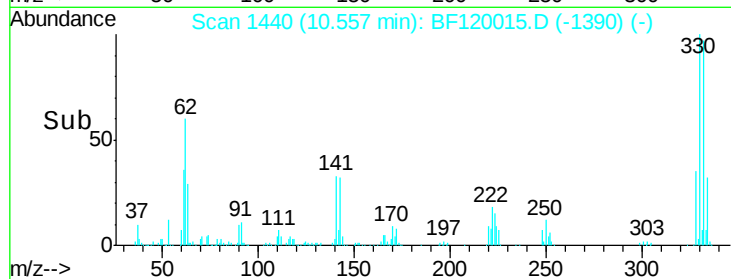
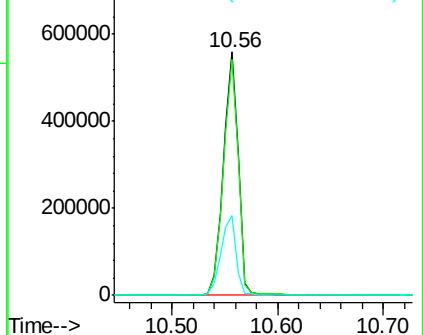
#42
 2,4,6-Tribromophenol
 Concen: 120.388 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

Tot Ion:330 Resp: 557112
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 33.8 25.1 37.7

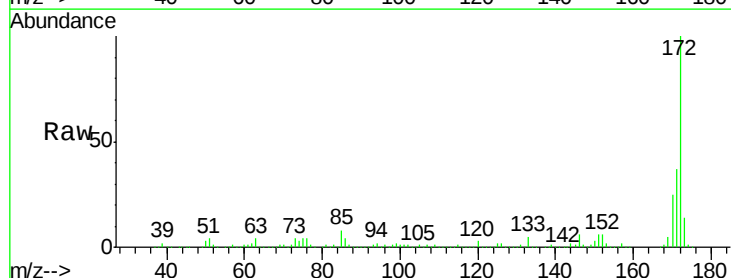


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

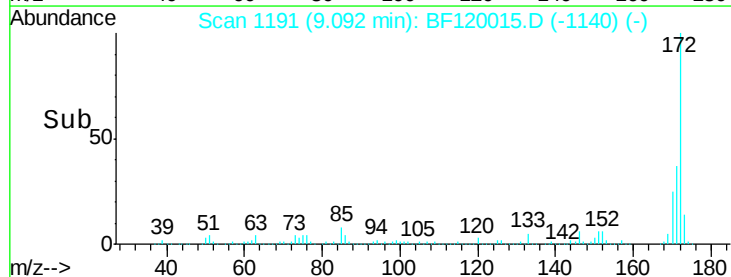
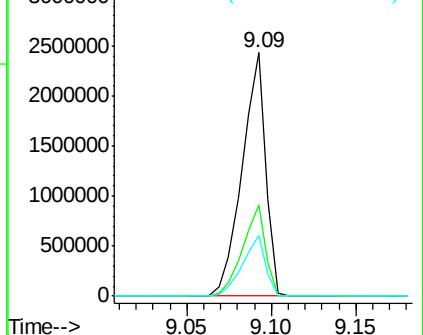


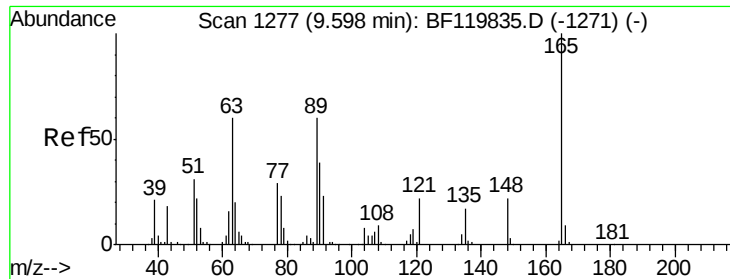
#45
 2-Fluorobiphenyl
 Concen: 89.210 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Tgt Ion:172 Resp: 2374919
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 24.8 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

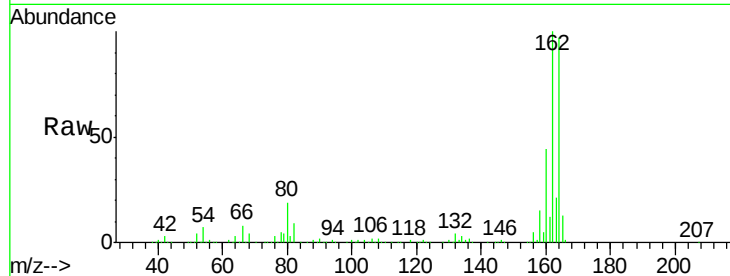




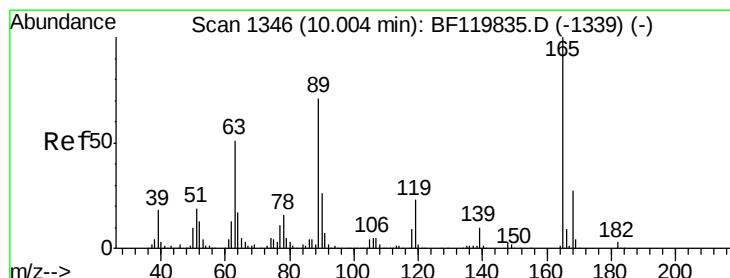
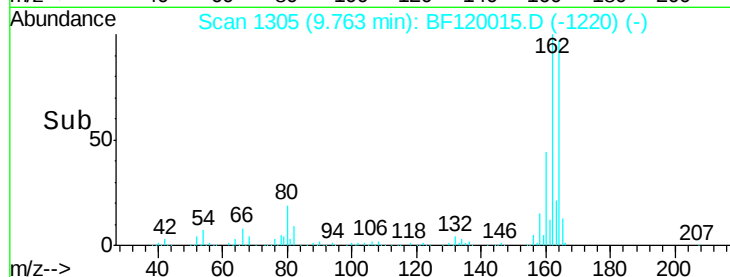
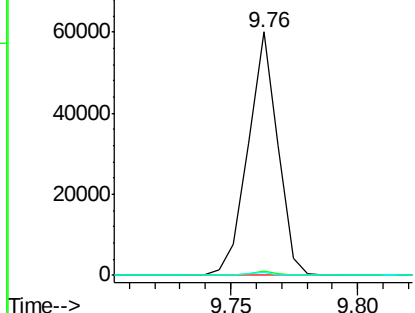
#51
 2,6-Dinitrotoluene
 Concen: 7.620 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Instrument :
 BNA_F
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 SU-04-041020

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	55.6	83.4#
89	1.3	47.9	71.9#

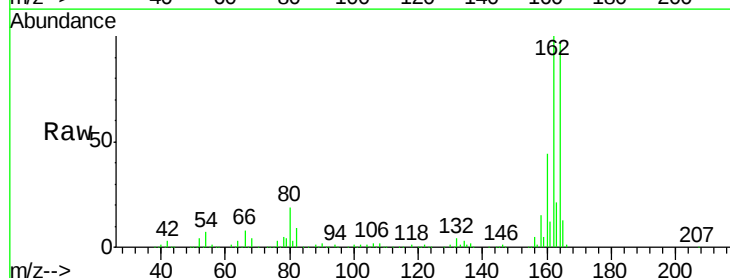


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

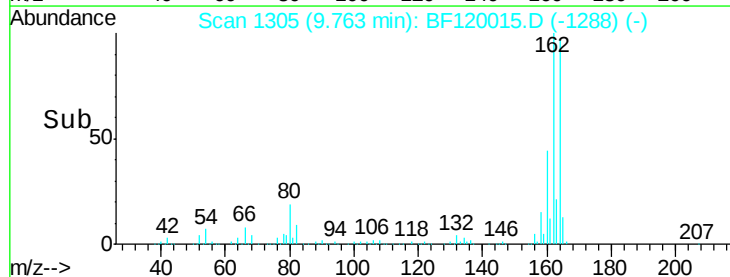
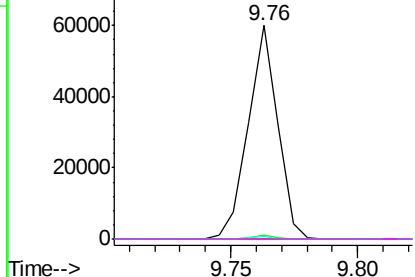


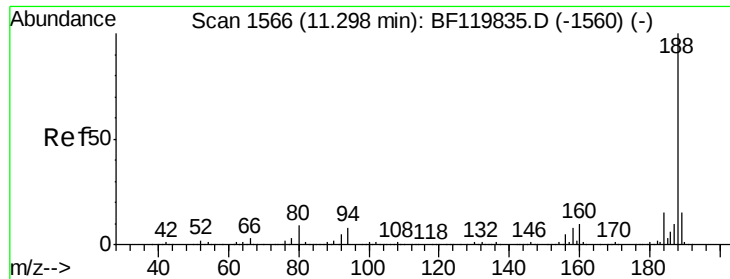
#57
 2,4-Dinitrotoluene
 Concen: 5.783 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.8	61.2#
89	1.3	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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

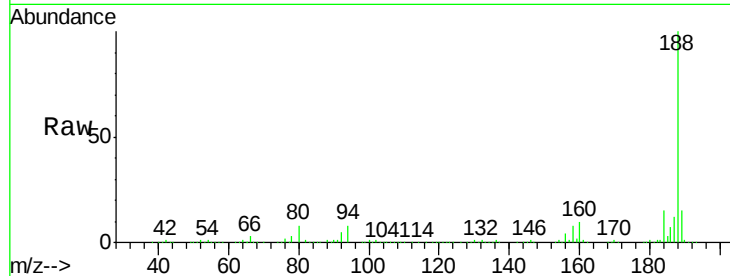
Tot Ion:188 Resp: 756369

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

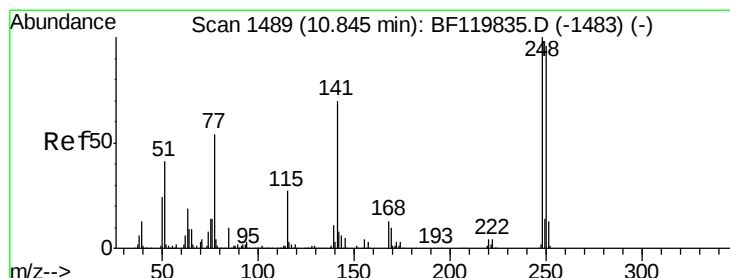
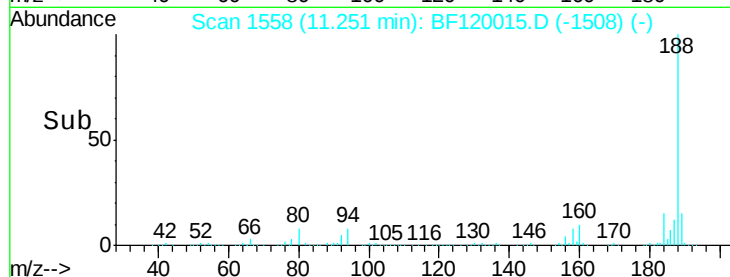
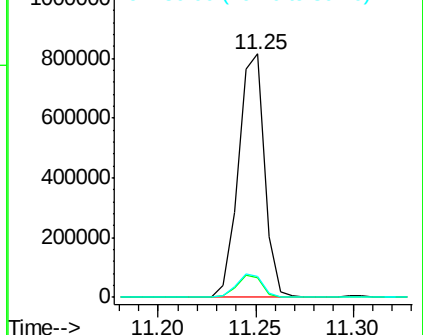
80 8.5 7.4 11.2



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



#67

4-Bromophenyl-phenylether

Concen: 3.766 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

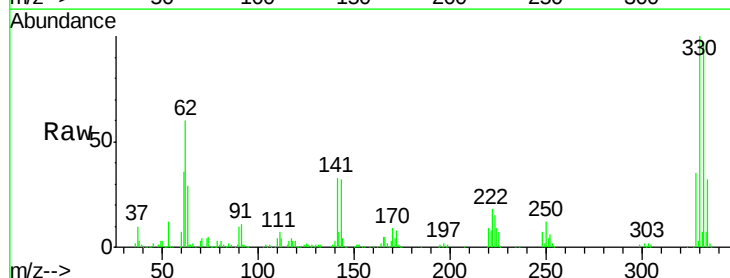
Tgt Ion:248 Resp: 35428

Ion Ratio Lower Upper

248 100

250 187.5 76.6 114.8#

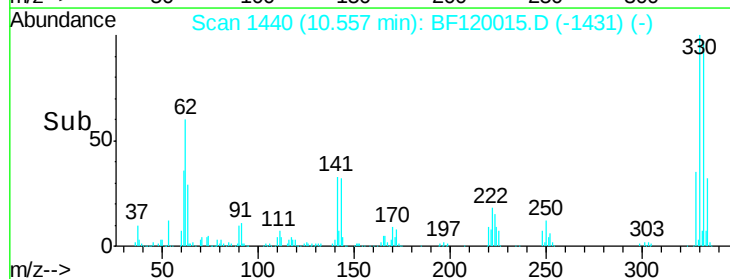
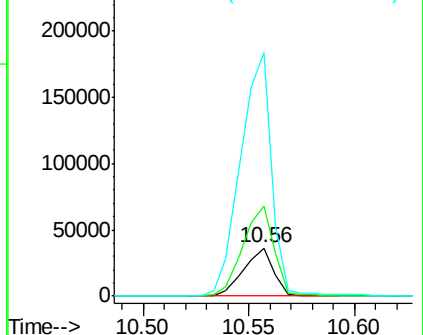
141 503.7 55.9 83.9#

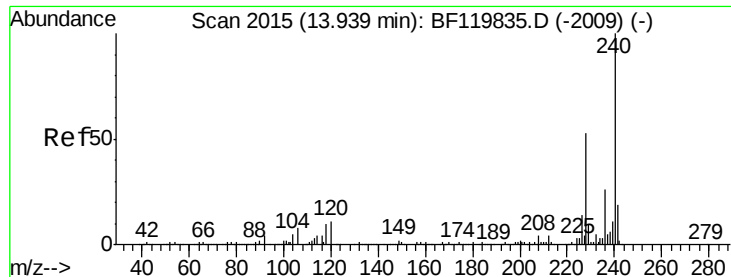


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

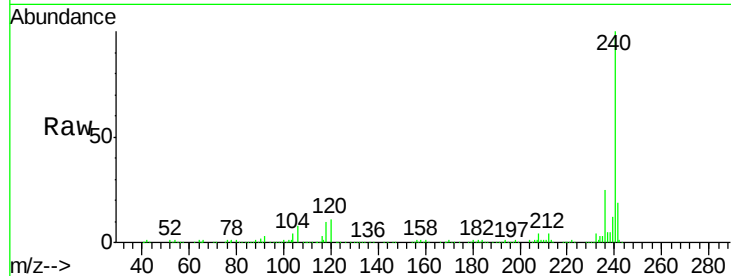
Tot Ion:240 Resp: 552924

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

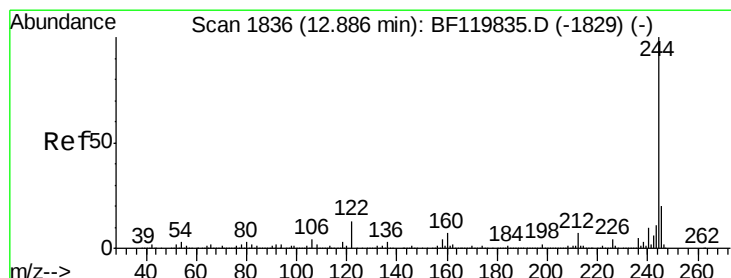
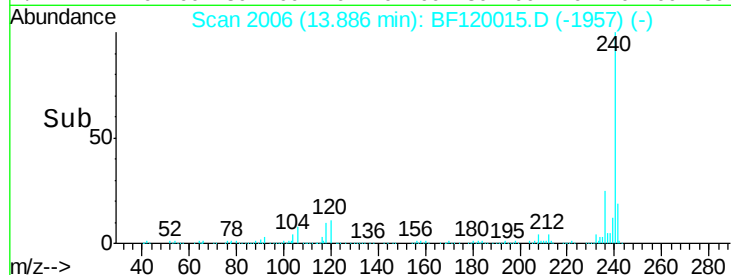
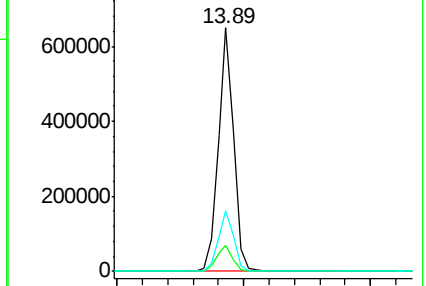
236 25.0 20.7 31.1



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: 85.888 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

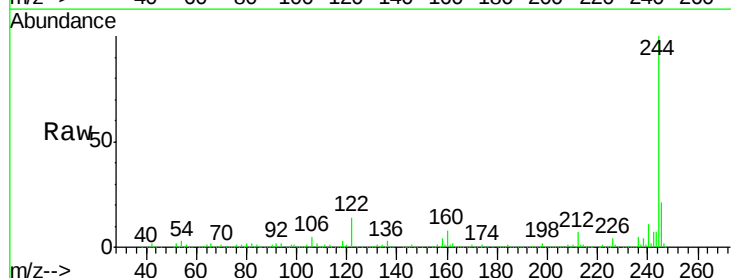
Tgt Ion:244 Resp: 2822301

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

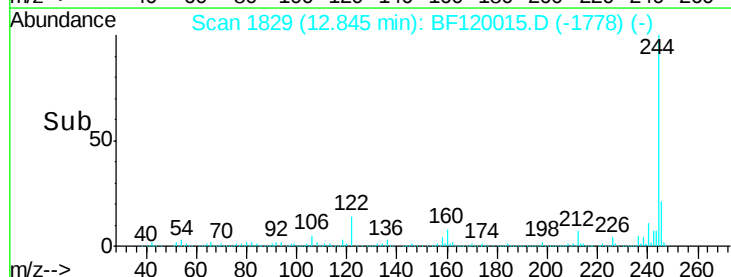
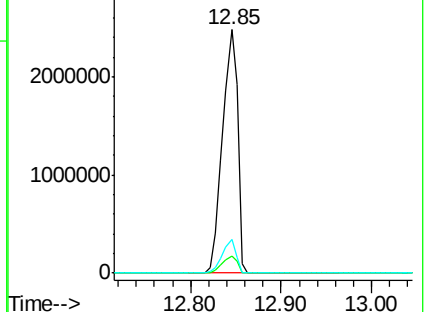
122 13.9 10.3 15.5

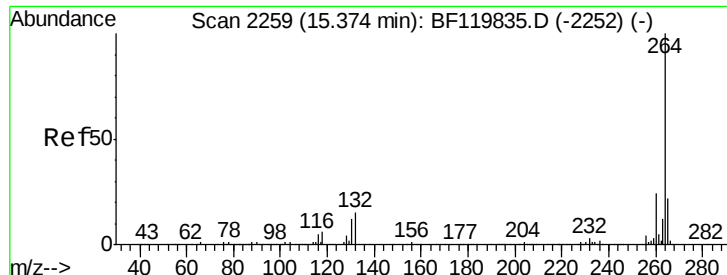


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

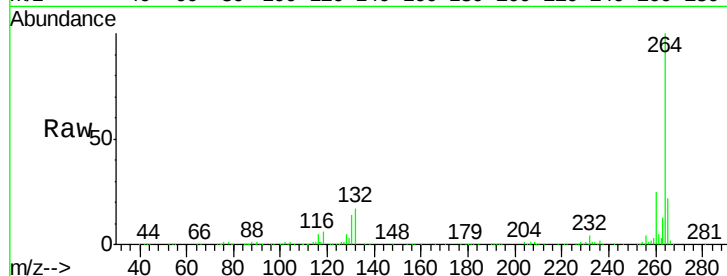




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120015.D
Acq: 16 Apr 2020 1:58

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.0	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

