

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119978.D
 Acq On : 15 Apr 2020 3:09
 Operator : MA/SJ
 Sample : L2215-29
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Apr 15 04:38:42 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

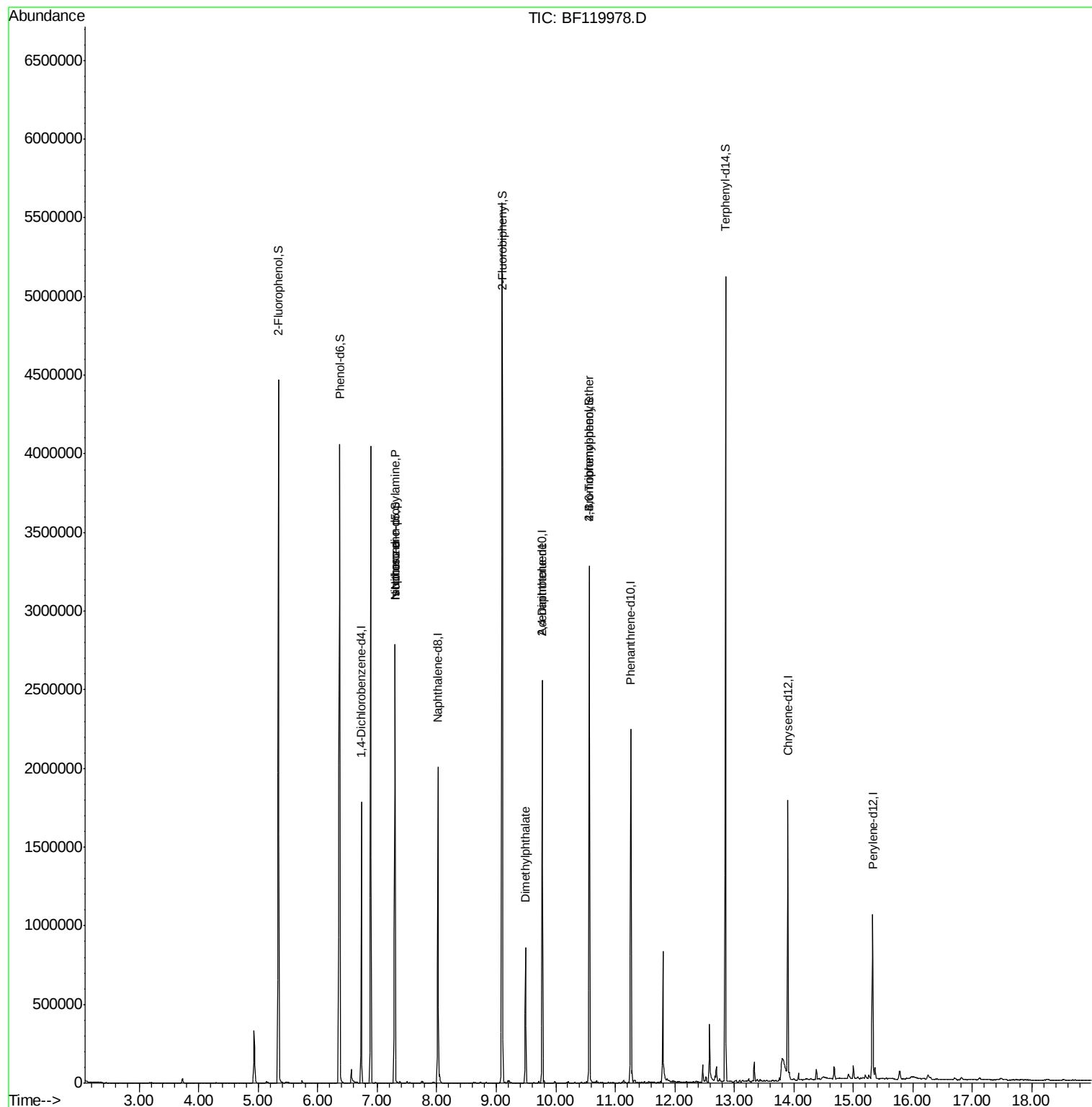
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	240161	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	939516	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	479489	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	876684	20.00	ng	0.00
76) Chrysene-d12	13.90	240	561724	20.00	ng	-0.01
87) Perylene-d12	15.32	264	451317	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1196092	86.07	ng	0.00
7) Phenol-d6	6.37	99	1534262	85.68	ng	0.00
23) Nitrobenzene-d5	7.30	82	958364	52.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	381964	65.06	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1804920	53.44	ng	0.00
79) Terphenyl-d14	12.85	244	1792319	53.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2845	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	123462	10.722 ng	#	1
25) Isophorone	7.30	82	952100	27.196 ng	#	75
50) Dimethylphthalate	9.49	163	297263	8.015 ng	#	65
57) 2,4-Dinitrotoluene	9.77	165	61288	5.728 ng	#	99
67) 4-Bromophenyl-phenylether	10.56	248	23851	2.188 ng	#	22
					#	1

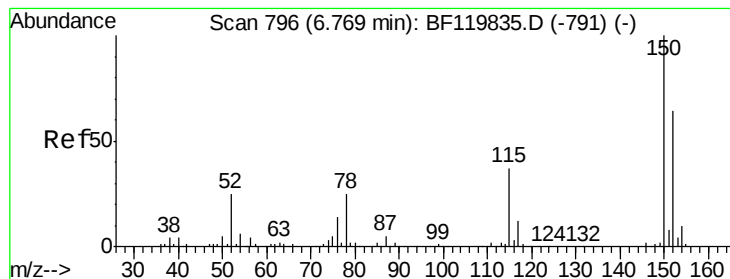
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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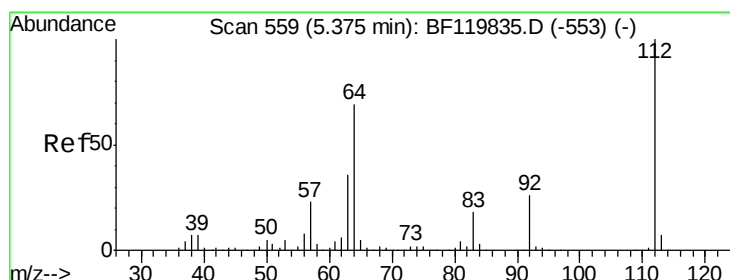
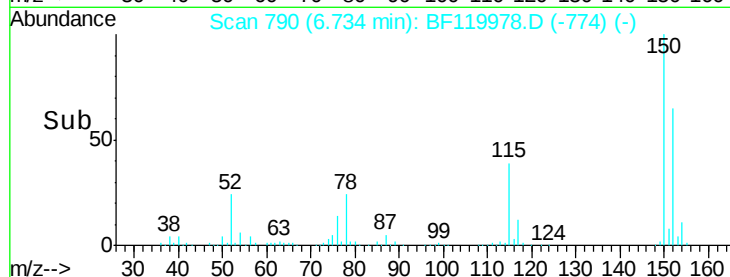
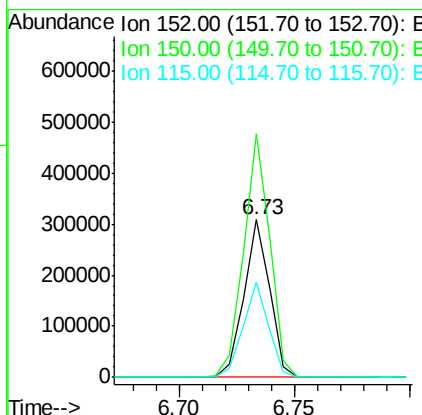
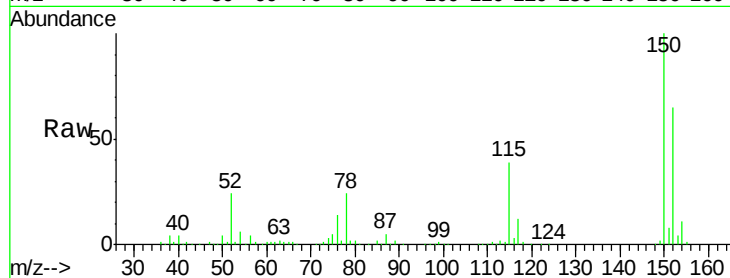


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119978.D
Acq: 15 Apr 2020 3:09

Instrument :
BNA_F
ClientSampleId :
TP-2

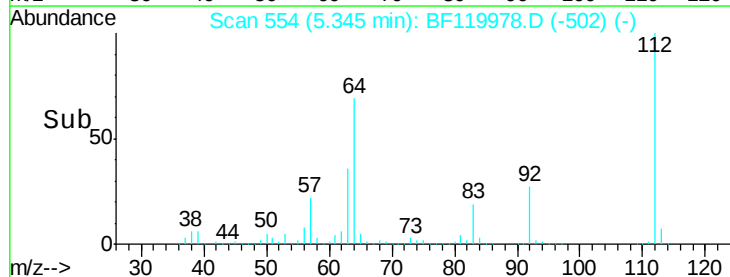
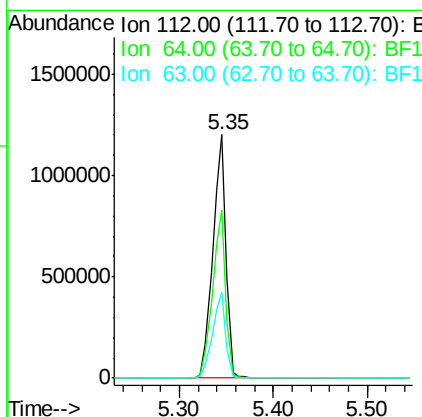
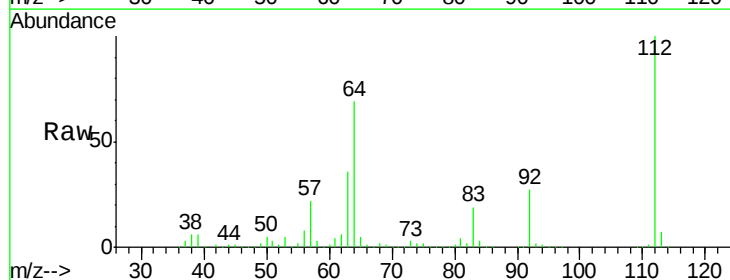
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.8	187.2
115	60.2	46.5	69.7

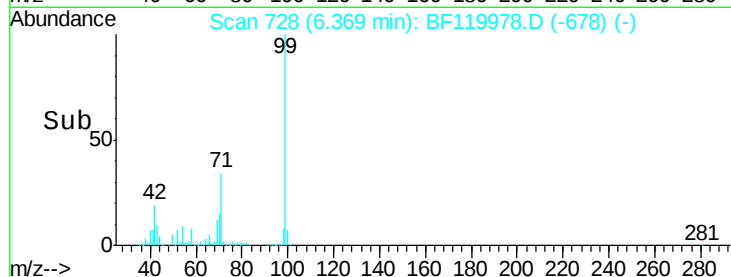
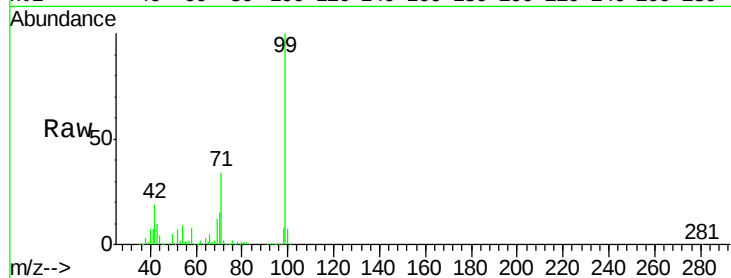
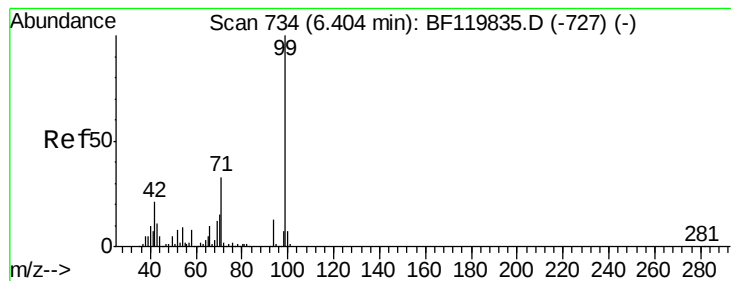


#5

2-Fluorophenol
Concen: 86.070 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119978.D
Acq: 15 Apr 2020 3:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.5	83.3
63	35.6	29.1	43.7





#7

Phenol-d6

Concen: 85.681 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

Instrument :

BNA_F

ClientSampleId :

TP-2

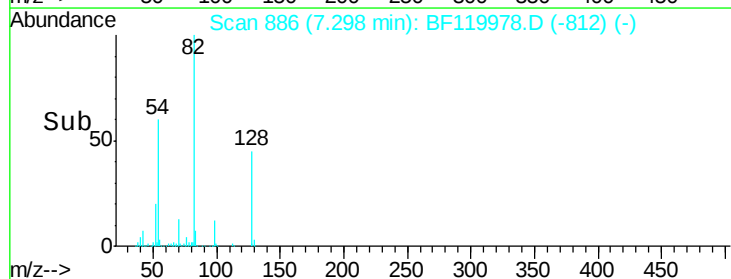
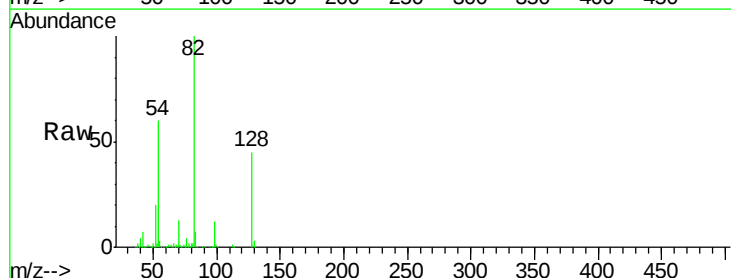
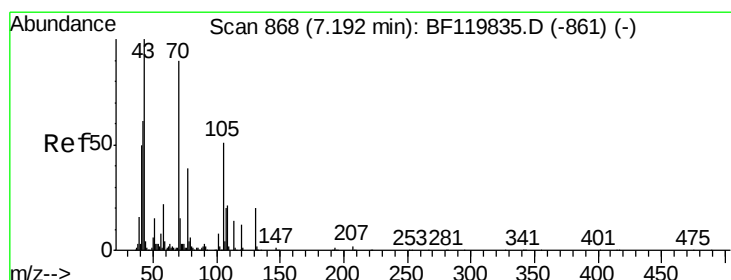
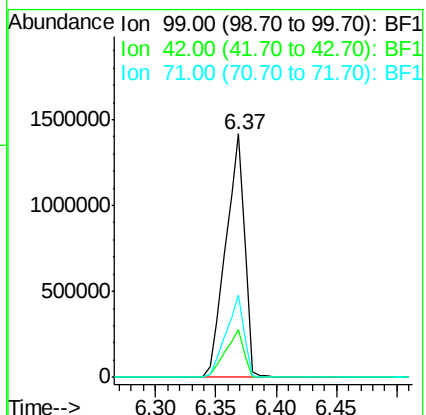
Tot Ion: 99 Resp: 1534262

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 33.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.722 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

Tgt Ion: 70 Resp: 123462

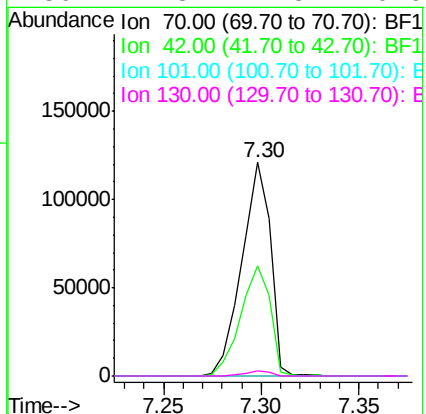
Ion Ratio Lower Upper

70 100

42 51.6 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

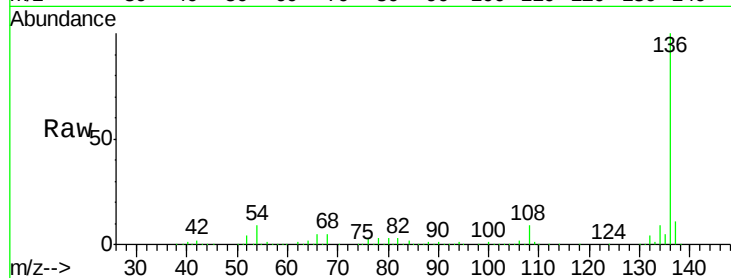




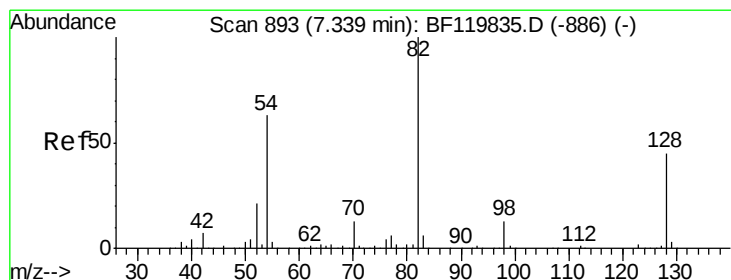
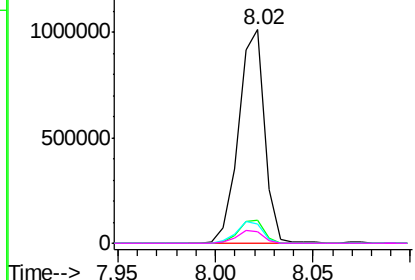
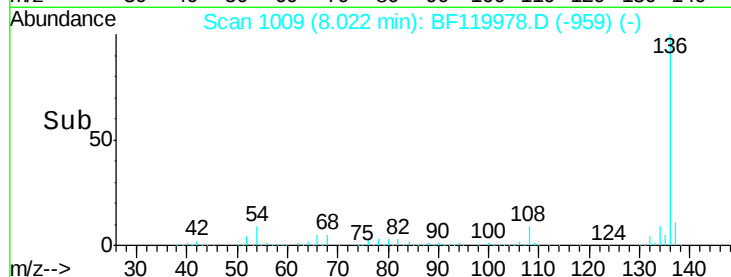
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119978.D
Acq: 15 Apr 2020 3:09

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:136	Resp:	939516
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	9.2	8.5 12.7
68	5.2	3.9 5.9

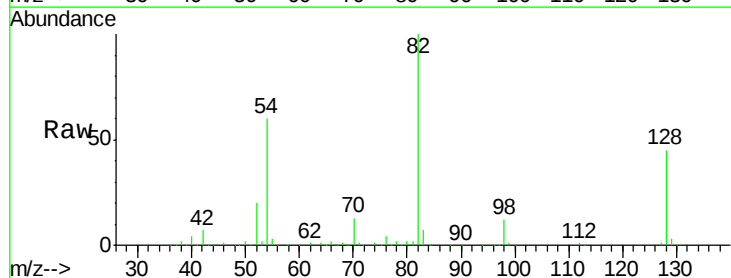


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

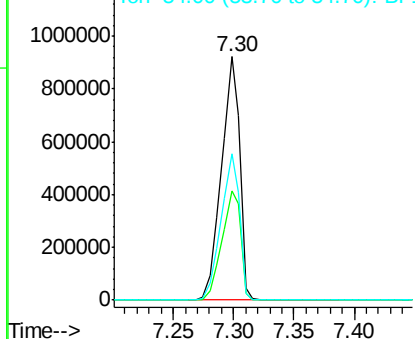
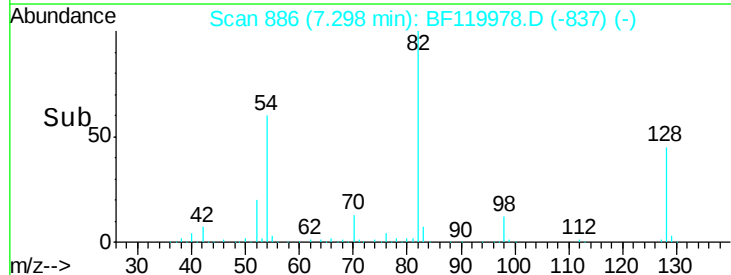


#23
Nitrobenzene-d5
Concen: 52.771 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119978.D
Acq: 15 Apr 2020 3:09

Tgt Ion: 82	Resp:	958364
Ion Ratio	Lower	Upper
82	100	
128	44.7	36.2 54.4
54	60.1	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: 27.196 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

Instrument :

BNA_F

ClientSampleId :

TP-2

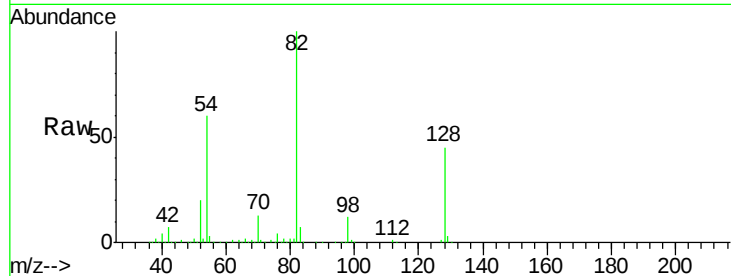
Tot Ion: 82 Resp: 952100

Ion Ratio Lower Upper

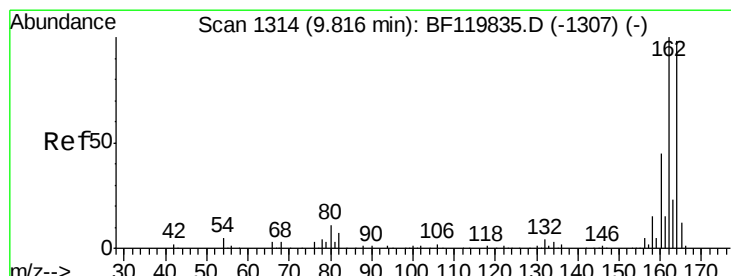
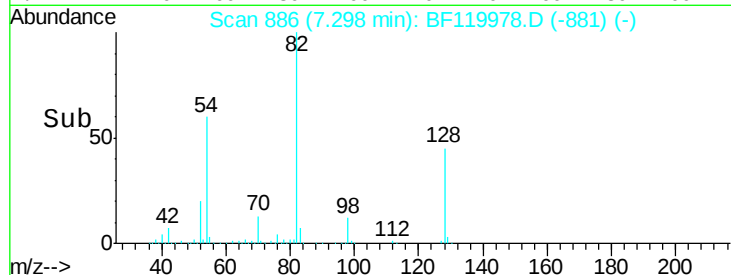
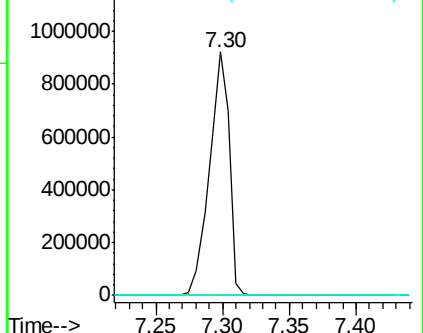
82 100

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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

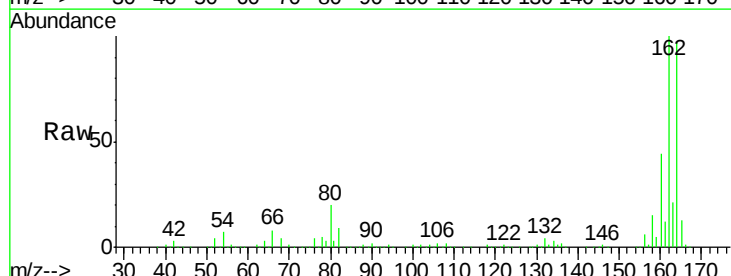
Tgt Ion:164 Resp: 479489

Ion Ratio Lower Upper

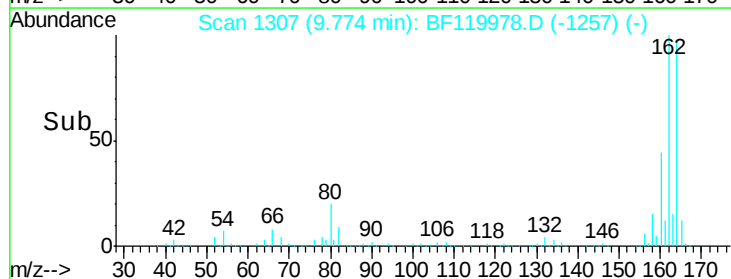
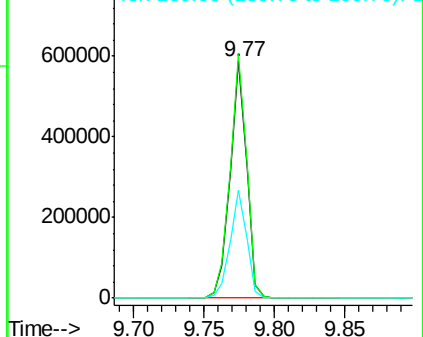
164 100

162 102.8 81.9 122.9

160 45.4 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

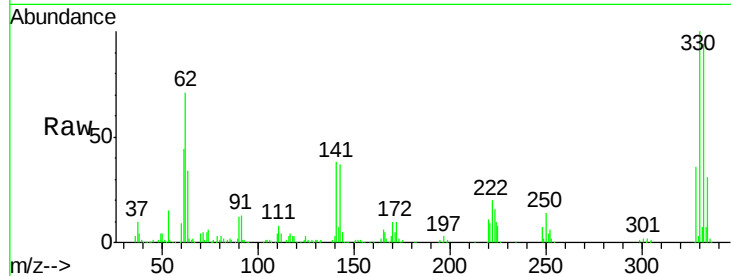




#42
 2,4,6-Tribromophenol
 Concen: 65.064 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119978.D
 Acq: 15 Apr 2020 3:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	34.4	25.1	37.7

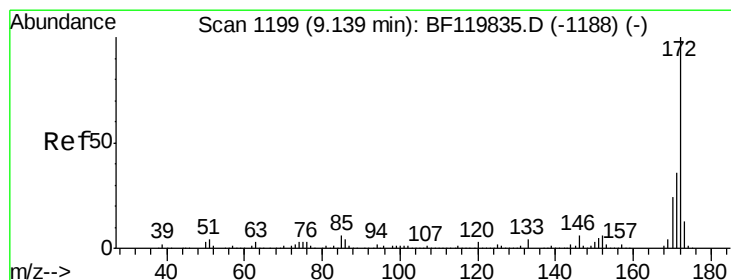
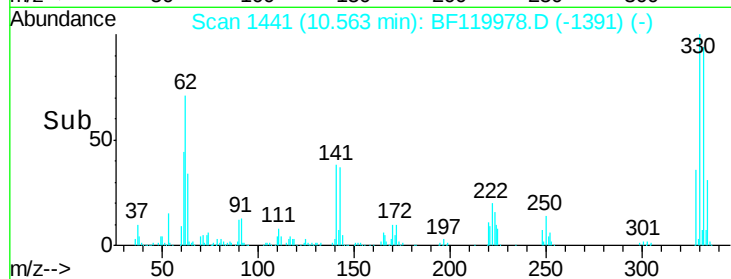
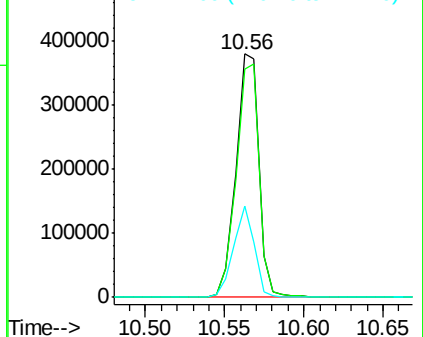


Abundance

Ion 329.80 (329.50 to 330.50): E

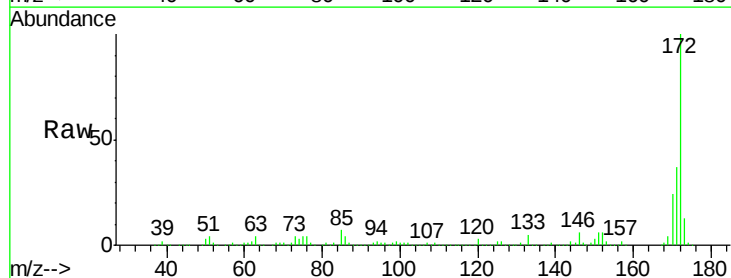
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.444 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119978.D
 Acq: 15 Apr 2020 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.3	19.4	29.2

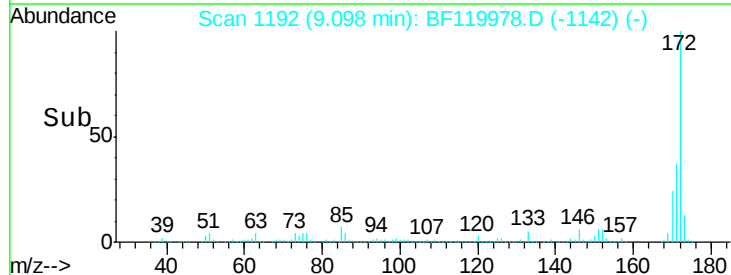
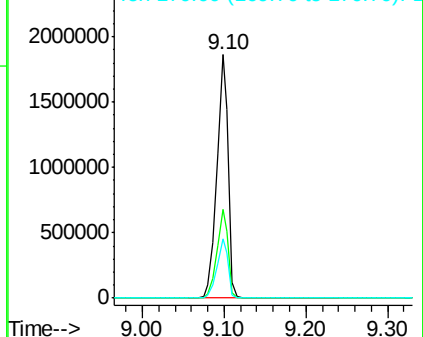


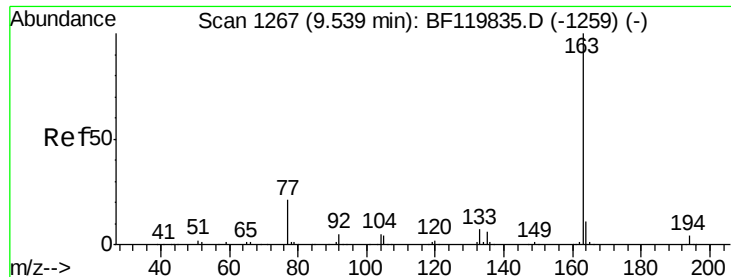
Abundance

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

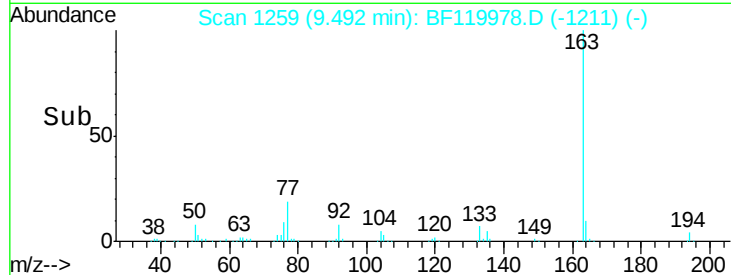
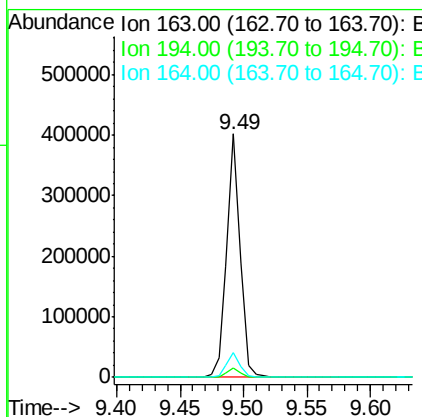
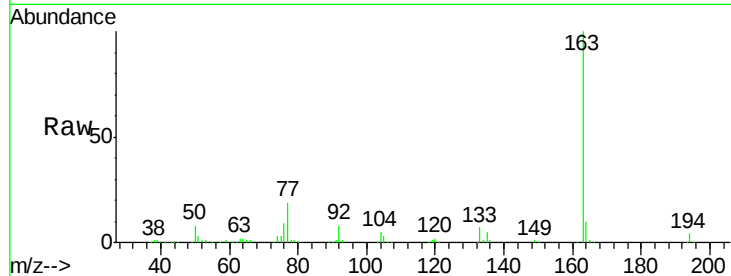




#50
Dimethylphthalate
Concen: 8.015 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119978.D
Acq: 15 Apr 2020 3:09

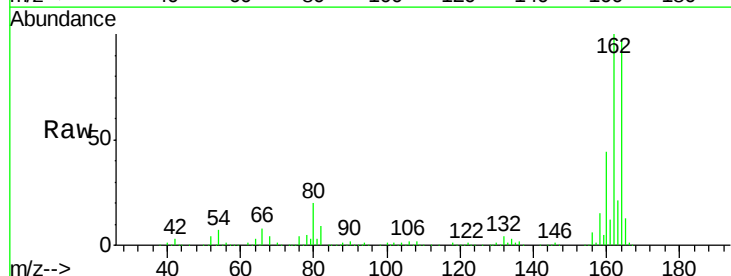
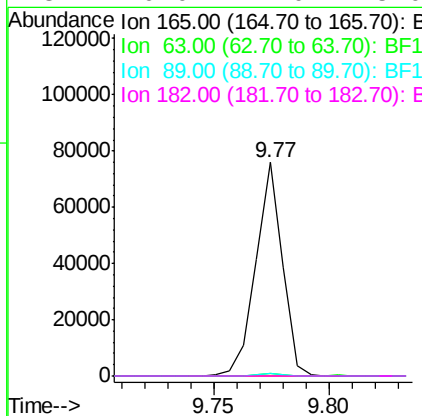
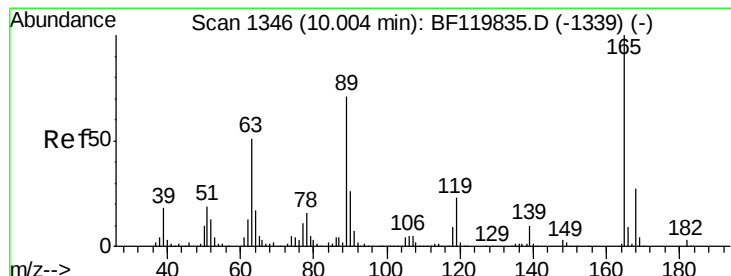
Instrument :
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ClientSampled :
TP-2

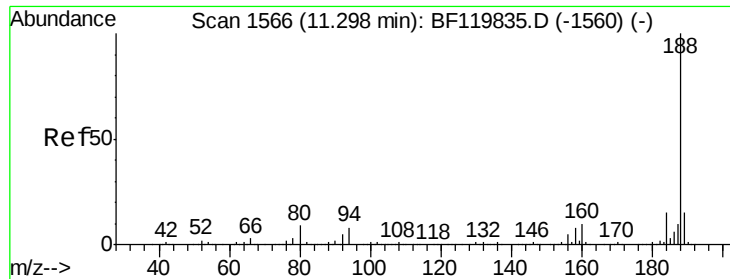
Tot Ion:163	Resp:	297263
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.0 4.4
164	10.0	8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 5.728 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF119978.D
Acq: 15 Apr 2020 3:09

Tgt Ion:165	Resp:	61288
Ion Ratio	Lower	Upper
165	100	
63	1.2	40.8 61.2#
89	1.3	56.9 85.3#
182	0.0	2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

Instrument :

BNA_F

ClientSampled :

TP-2

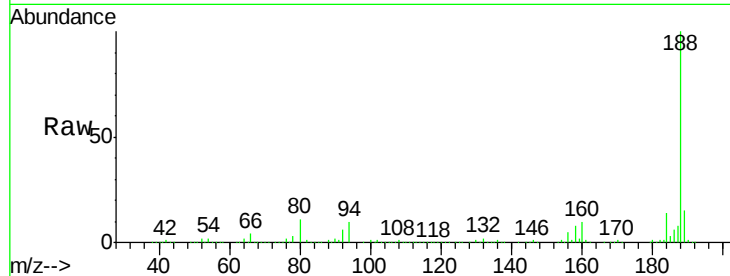
Tot Ion:188 Resp: 876684

Ion Ratio Lower Upper

188 100

94 10.1 6.7 10.1#

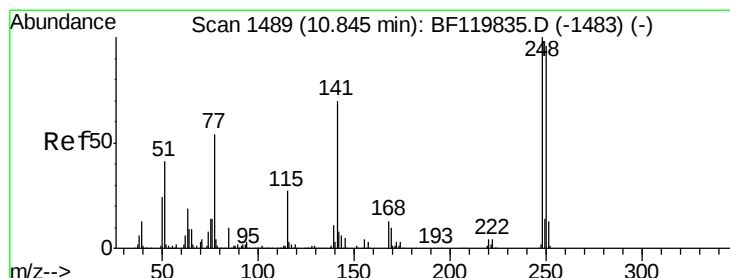
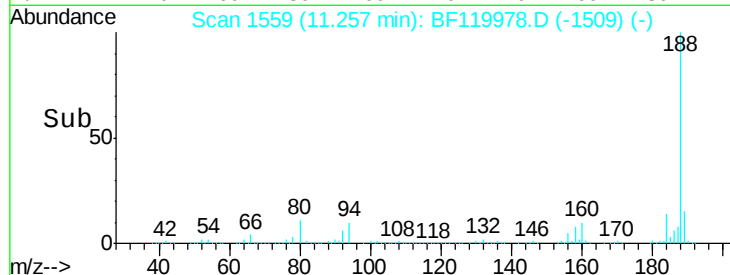
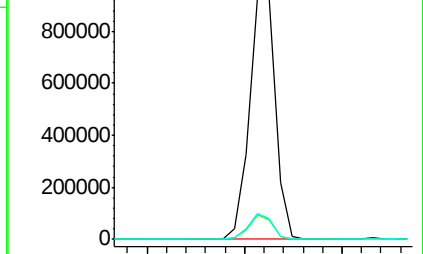
80 10.7 7.4 11.2



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: 2.188 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

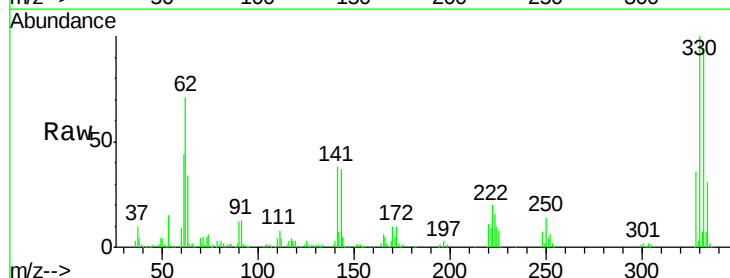
Tgt Ion:248 Resp: 23851

Ion Ratio Lower Upper

248 100

250 204.1 76.6 114.8#

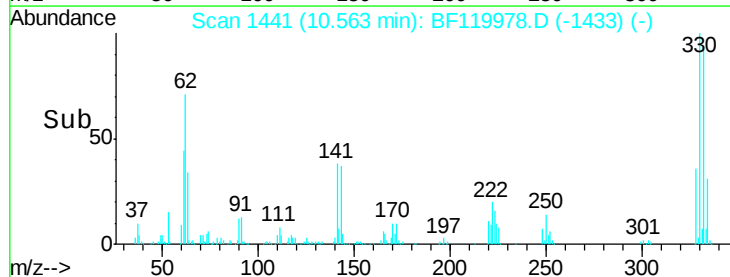
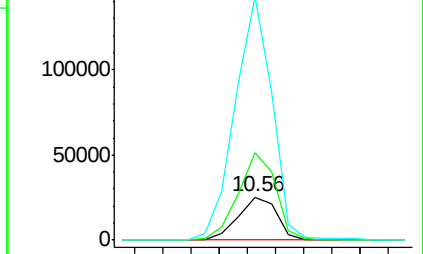
141 568.2 55.9 83.9#

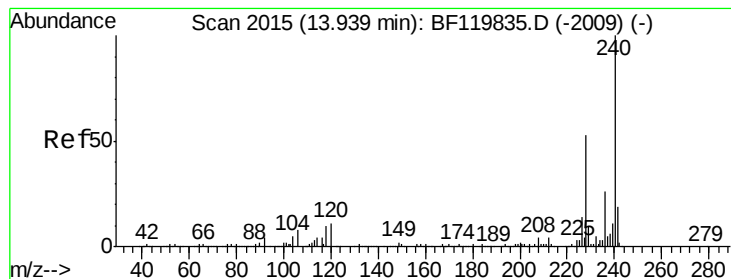


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

Instrument :

BNA_F

ClientSampleId :

TP-2

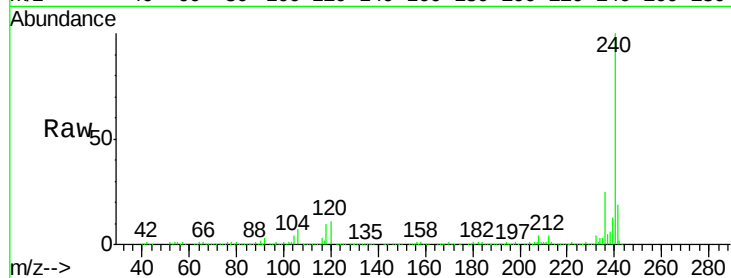
Tot Ion:240 Resp: 561724

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

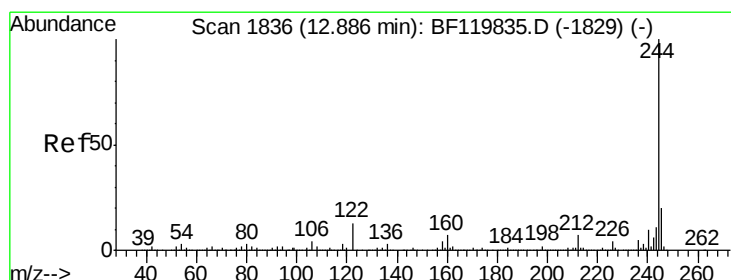
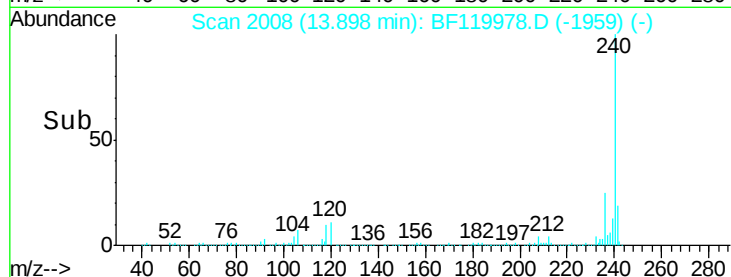
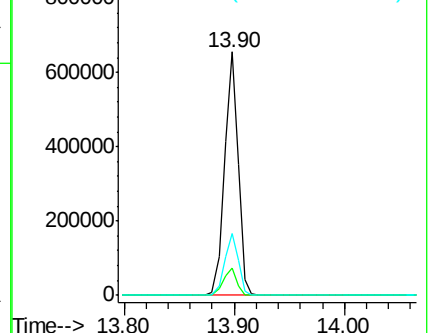
236 25.4 20.7 31.1



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: 53.689 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119978.D

Acq: 15 Apr 2020 3:09

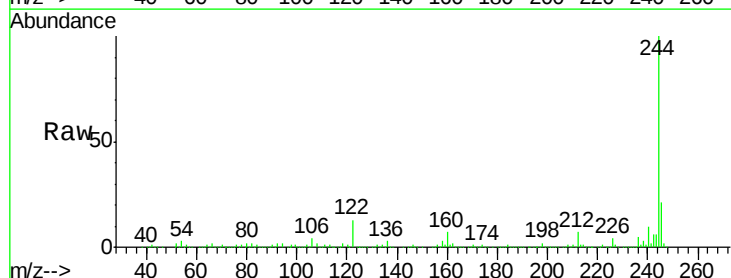
Tgt Ion:244 Resp: 1792319

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

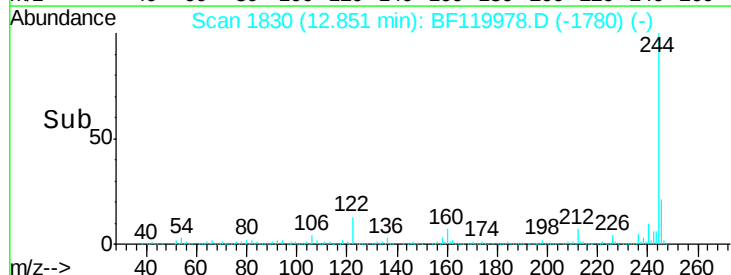
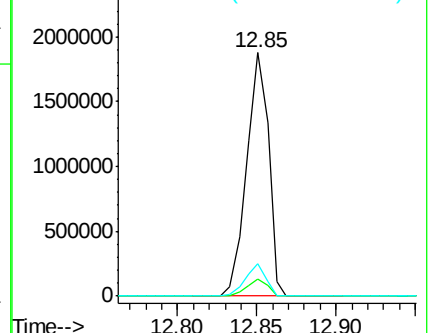
122 13.2 10.3 15.5

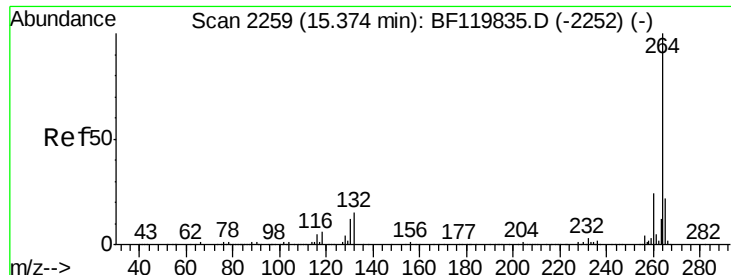


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

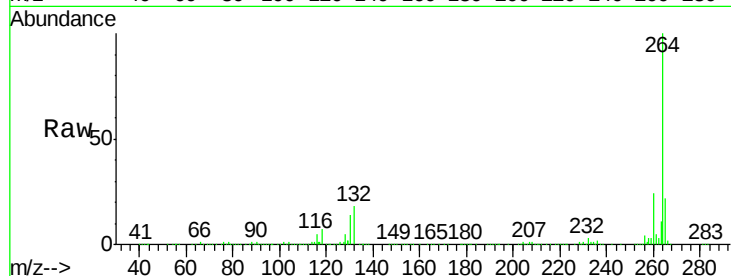




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119978.D
Acq: 15 Apr 2020 3:09

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.6	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

