

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119928.D
 Acq On : 13 Apr 2020 21:20
 Operator : MA/SJ
 Sample : L2199-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-39-38-COMP

Quant Time: Apr 14 00:45:47 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 13 13:37:50 2020
 Response via : Initial Calibration

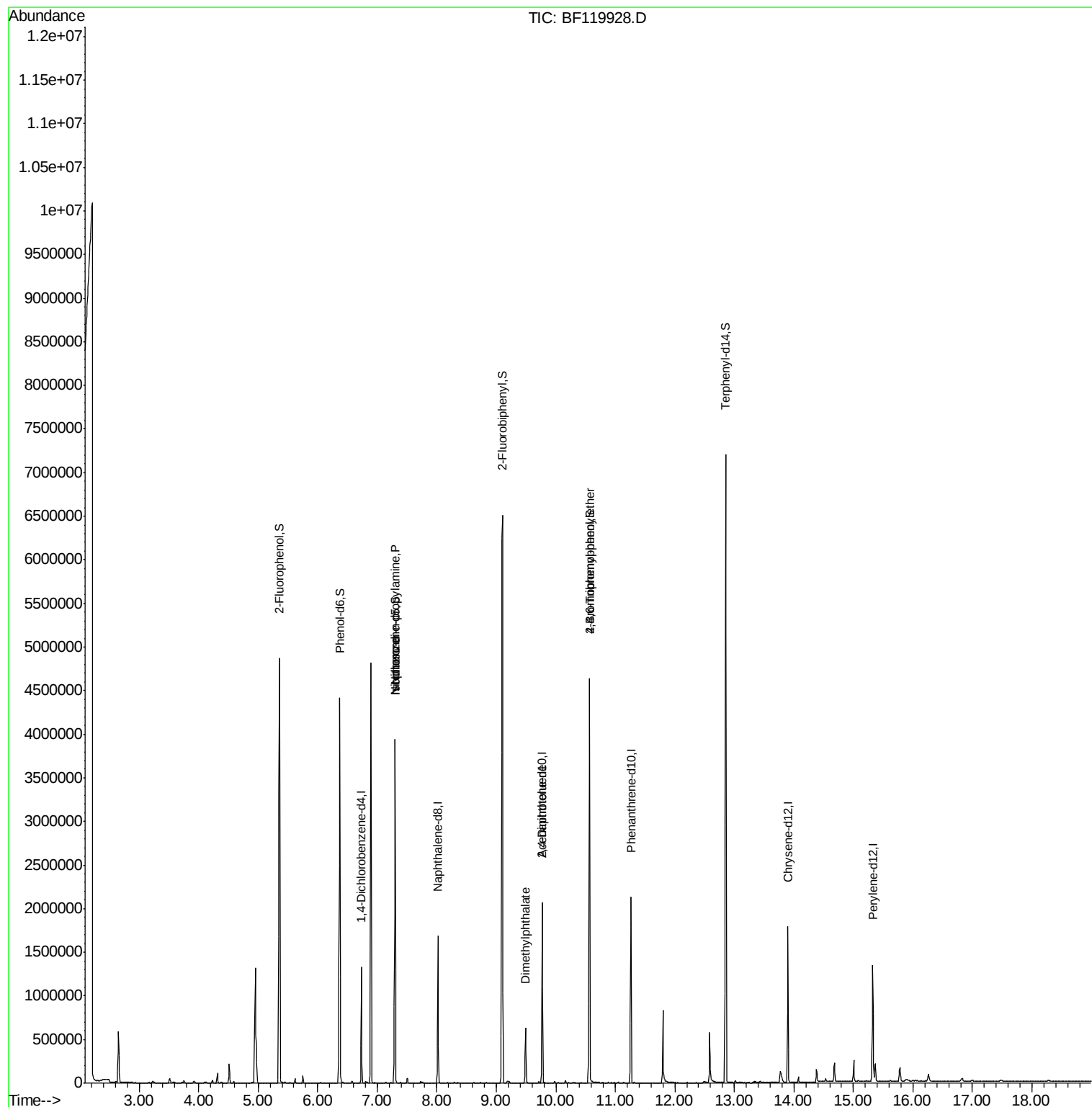
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194919	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	752000	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	403168	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	785620	20.00	ng	0.00
76) Chrysene-d12	13.90	240	627429	20.00	ng	-0.01
87) Perylene-d12	15.33	264	589329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1471330	130.45	ng	0.02
7) Phenol-d6	6.37	99	1656795	114.00	ng	0.00
23) Nitrobenzene-d5	7.30	82	1306317	89.87	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	651173	131.92	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2386789	84.05	ng	0.00
79) Terphenyl-d14	12.86	244	2991423	80.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2359	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	170146	18.206 ng	#	1
25) Isophorone	7.30	82	1304207	46.544 ng	#	75
50) Dimethylphthalate	9.49	163	233177	7.477 ng	#	65
57) 2,4-Dinitrotoluene	9.77	165	50225	5.582 ng	#	99
67) 4-Bromophenyl-phenylether	10.57	248	37657	3.854 ng	#	22
					#	1

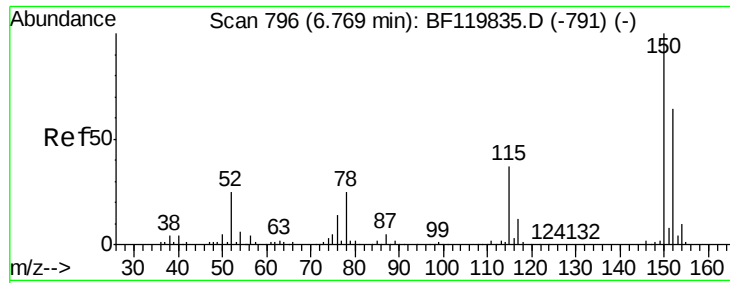
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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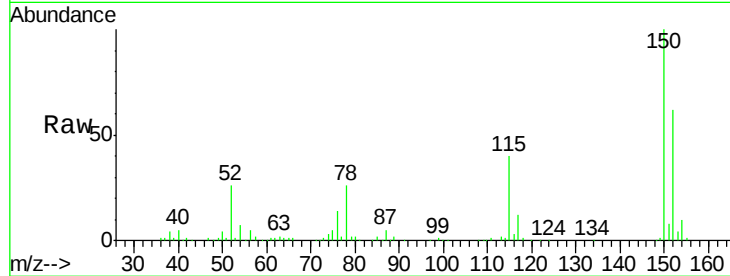


#1

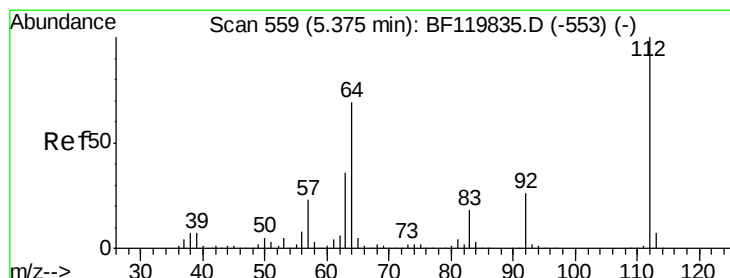
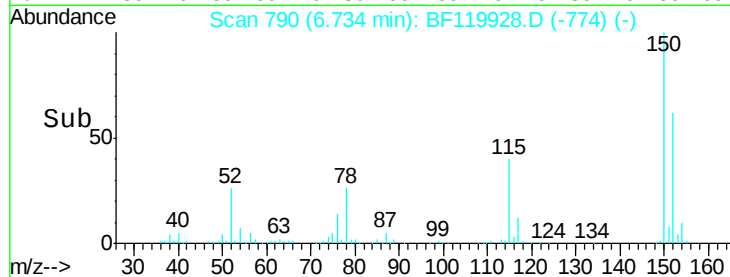
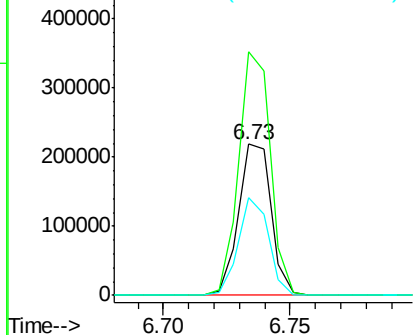
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119928.D
 Acq: 13 Apr 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-39-38-COMP

Tot Ion:152 Resp: 194919
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.8 187.2
 115 64.4 46.5 69.7



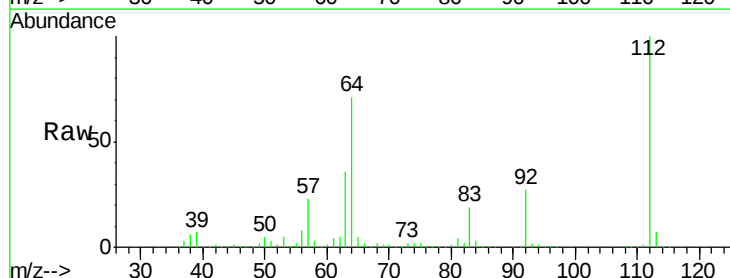
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



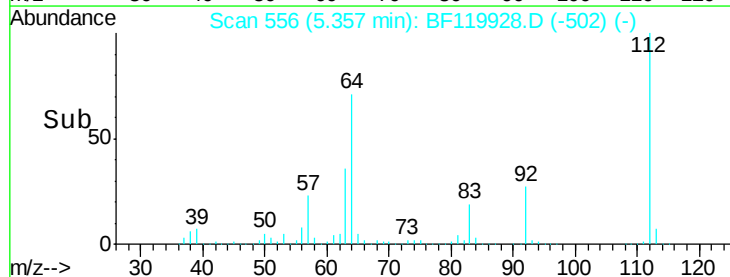
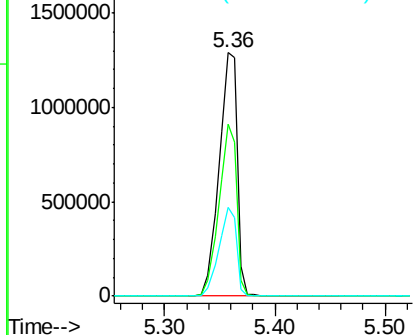
#5

2-Fluorophenol
 Concen: 130.451 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF119928.D
 Acq: 13 Apr 2020 21:20

Tgt Ion:112 Resp: 1471330
 Ion Ratio Lower Upper
 112 100
 64 70.8 55.5 83.3
 63 36.2 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: 114.000 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119928.D

Acq: 13 Apr 2020 21:20

Instrument :

BNA_F

ClientSampleId :

TP-39-38-COMP

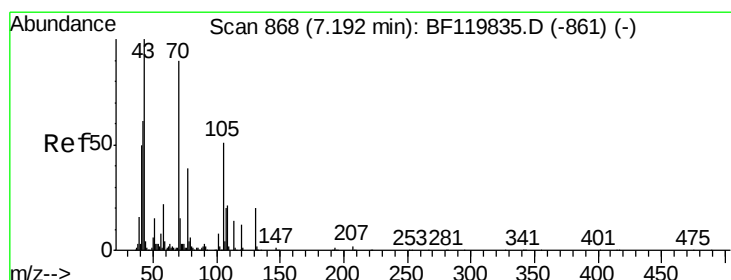
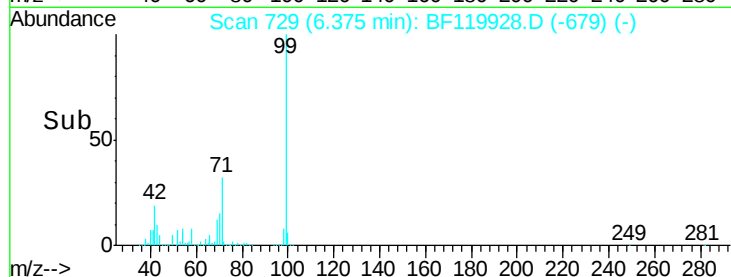
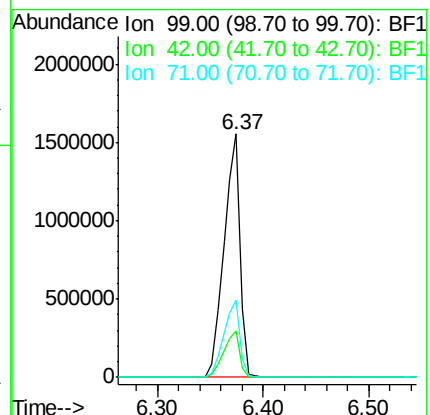
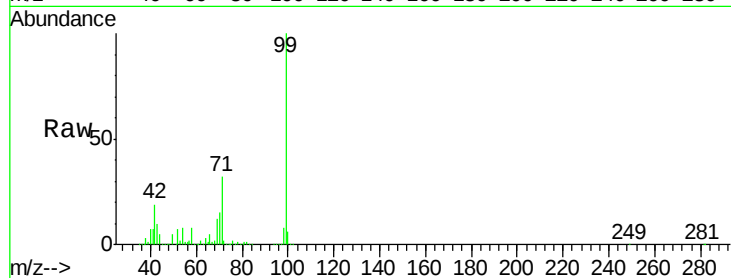
Tot Ion: 99 Resp: 1656795

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

71 31.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 18.206 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF119928.D

Acq: 13 Apr 2020 21:20

Tgt Ion: 70 Resp: 170146

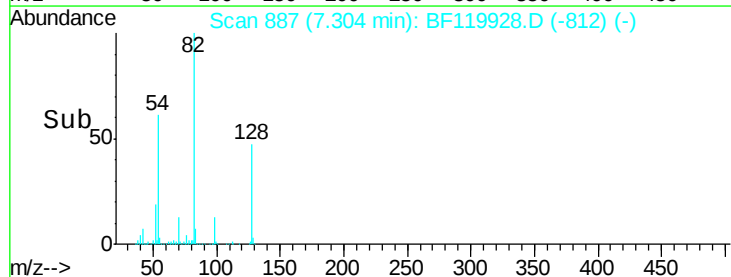
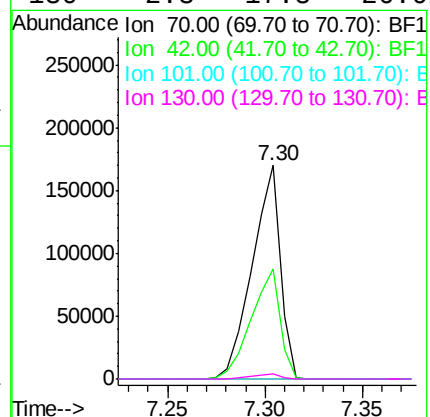
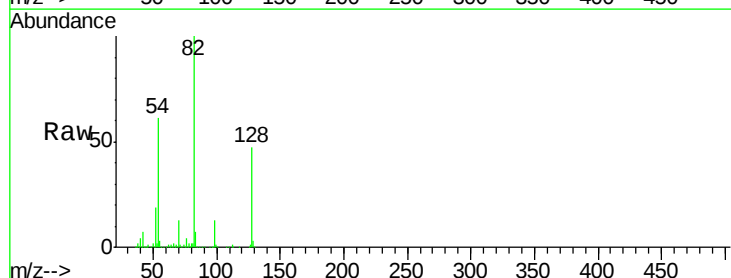
Ion Ratio Lower Upper

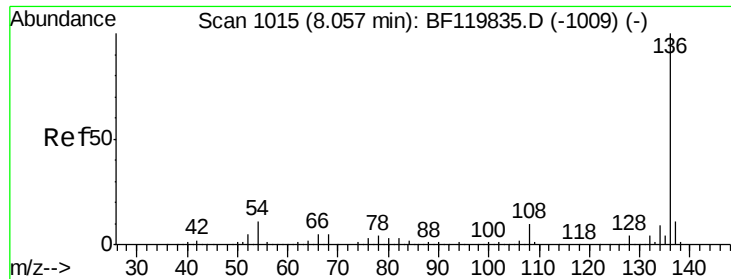
70 100

42 51.5 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

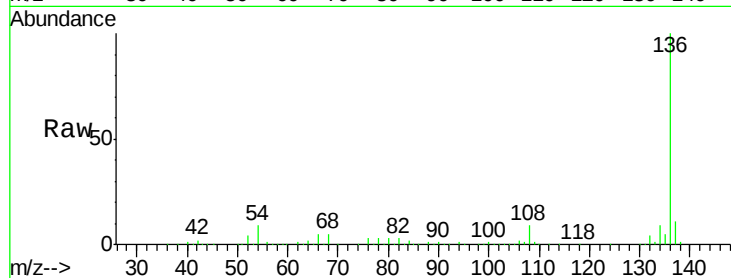




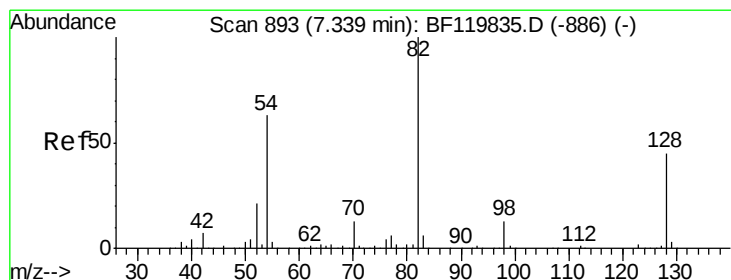
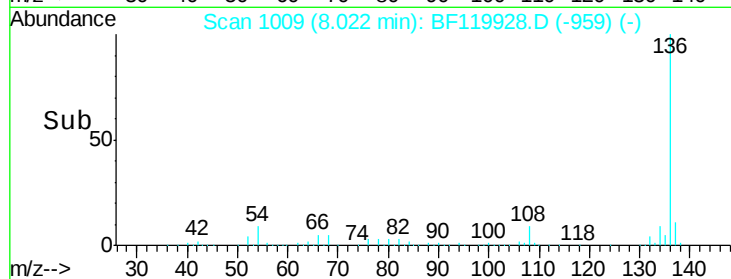
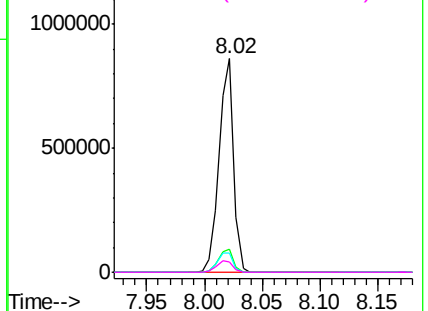
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119928.D
Acq: 13 Apr 2020 21:20

Instrument :
BNA_F
ClientSampleId :
TP-39-38-COMP

Tot Ion:136	Resp:	752000
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	9.2	8.5 12.7
68	5.1	3.9 5.9

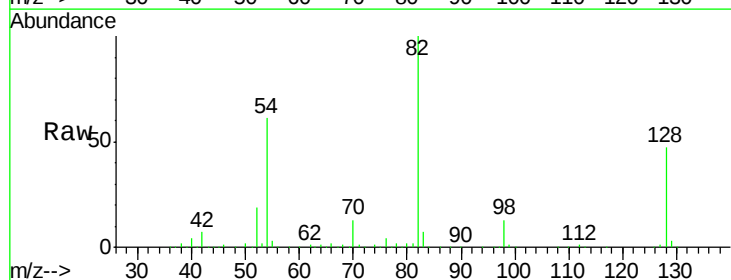


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

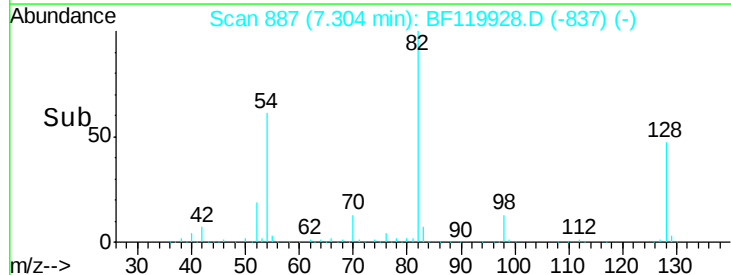
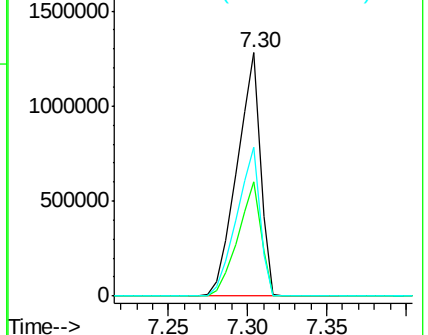


#23
Nitrobenzene-d5
Concen: 89.868 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119928.D
Acq: 13 Apr 2020 21:20

Tgt Ion: 82	Resp:	1306317
Ion Ratio	Lower	Upper
82	100	
128	47.1	36.2 54.4
54	61.1	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: 46.544 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119928.D

Acq: 13 Apr 2020 21:20

Instrument :

BNA_F

ClientSampleId :

TP-39-38-COMP

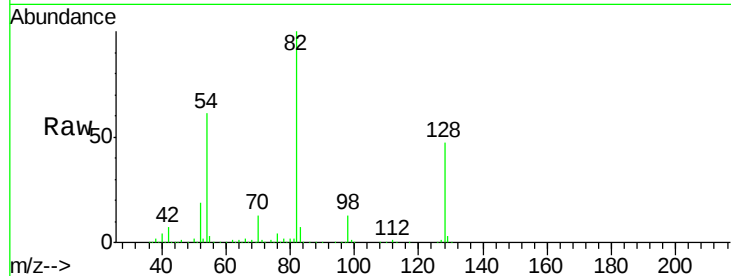
Tot Ion: 82 Resp: 1304207

Ion Ratio Lower Upper

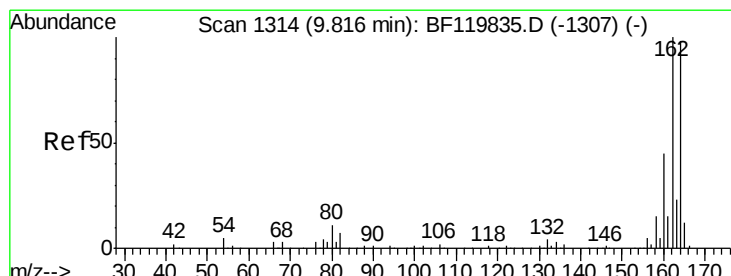
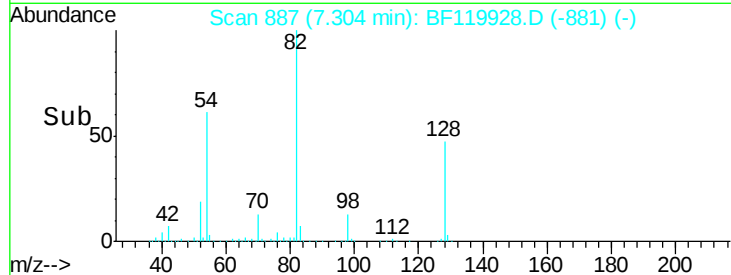
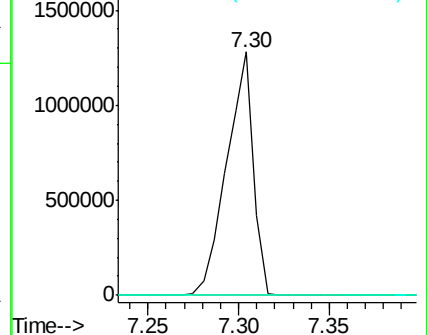
82 100

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: BF119928.D

Acq: 13 Apr 2020 21:20

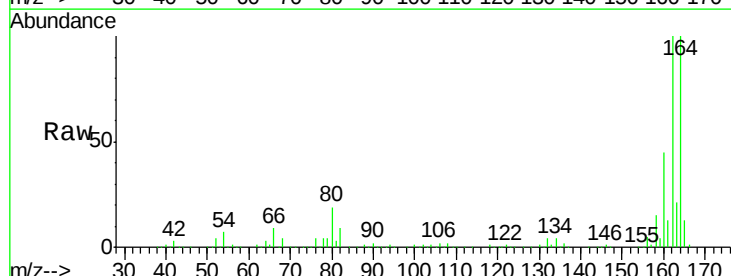
Tgt Ion:164 Resp: 403168

Ion Ratio Lower Upper

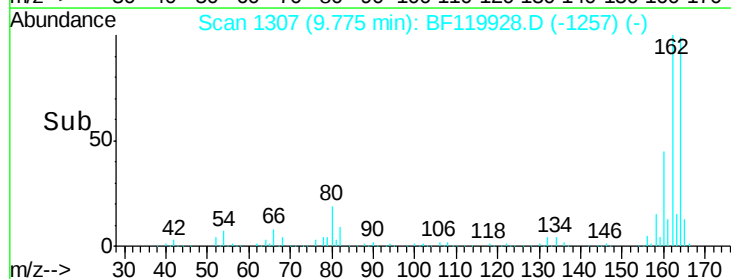
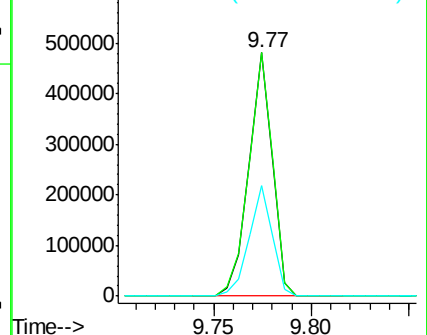
164 100

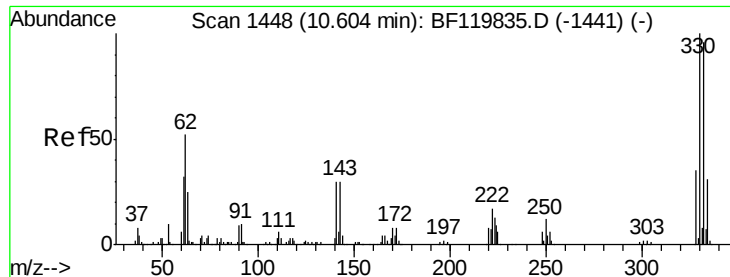
162 99.8 81.9 122.9

160 45.2 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

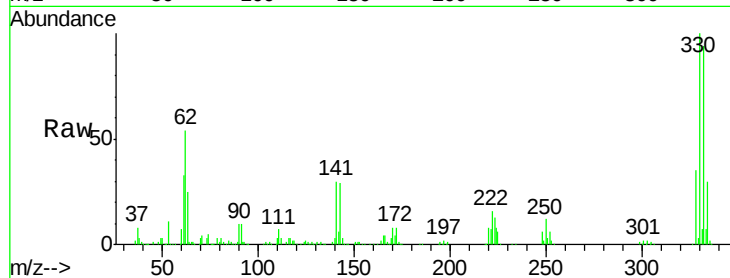




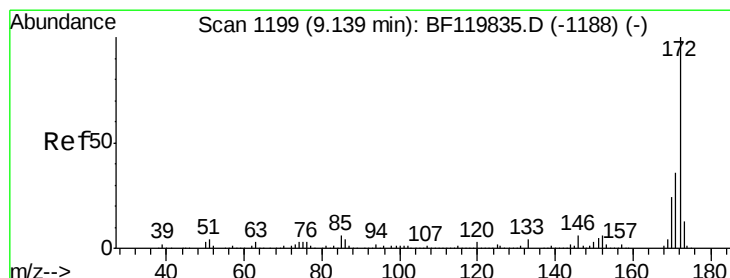
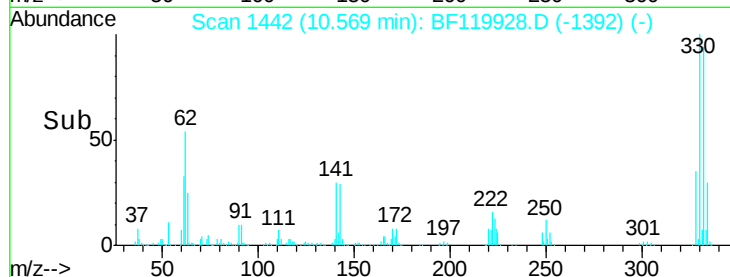
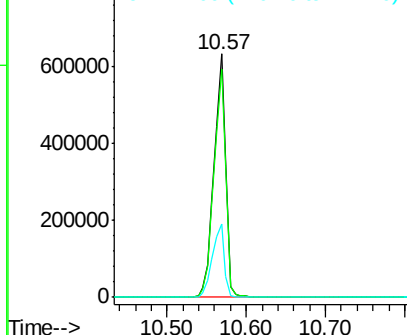
#42
 2,4,6-Tribromophenol
 Concen: 131.919 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119928.D
 Acq: 13 Apr 2020 21:20

Instrument :
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 TP-39-38-COMP

Tot Ion:330 Resp: 651173
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.8 115.2
 141 30.7 25.1 37.7

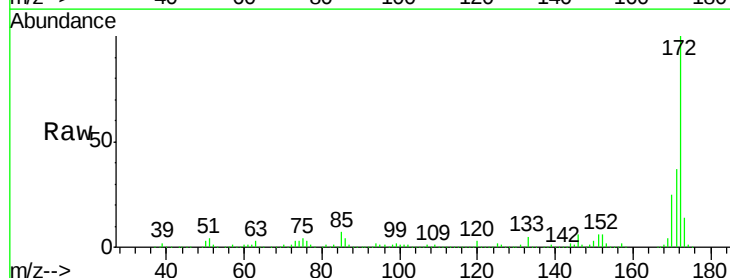


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

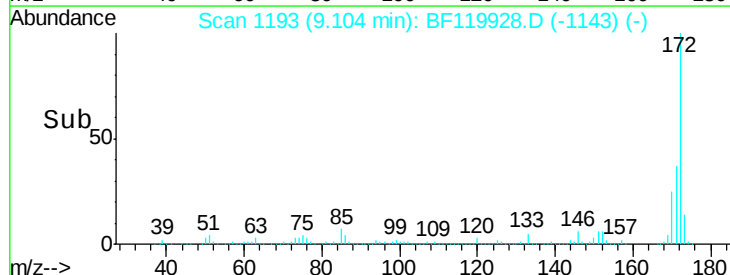
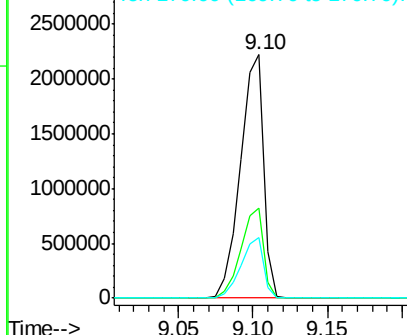


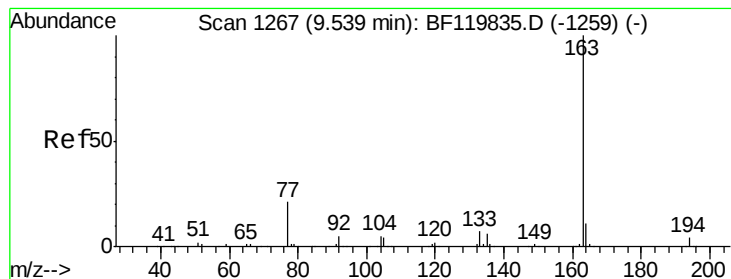
#45
 2-Fluorobiphenyl
 Concen: 84.052 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119928.D
 Acq: 13 Apr 2020 21:20

Tgt Ion:172 Resp: 2386789
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.9 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: 7.477 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119928.D

Acq: 13 Apr 2020 21:20

Instrument :

BNA_F

ClientSampleId :

TP-39-38-COMP

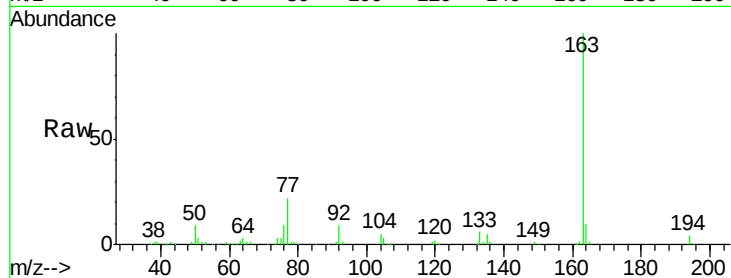
Tot Ion:163 Resp: 233177

Ion Ratio Lower Upper

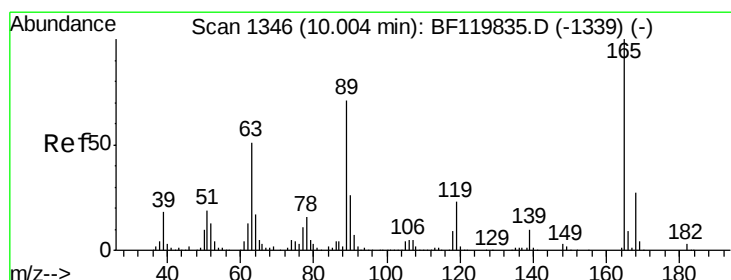
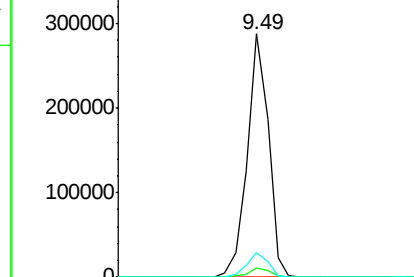
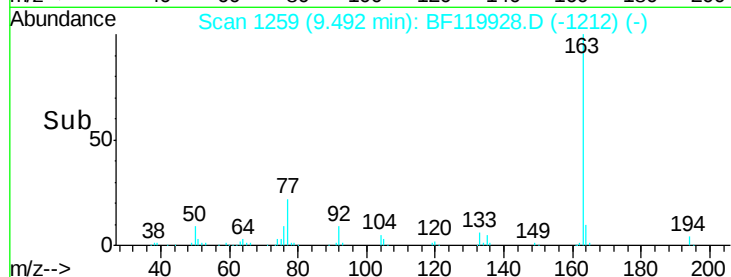
163 100

194 3.7 3.0 4.4

164 10.2 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: 5.582 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119928.D

Acq: 13 Apr 2020 21:20

Tgt Ion:165 Resp: 50225

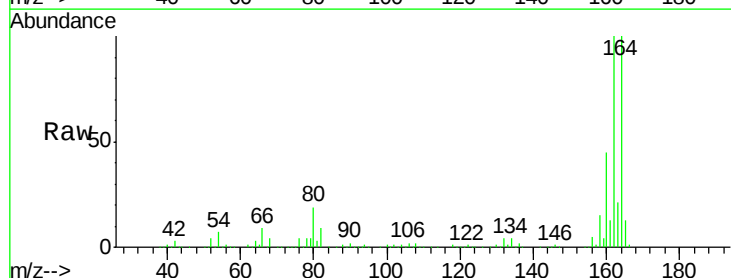
Ion Ratio Lower Upper

165 100

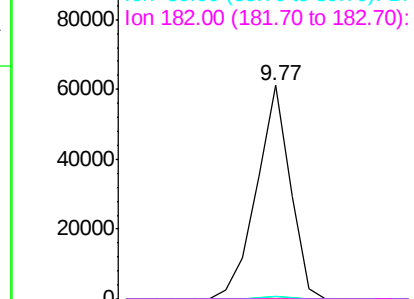
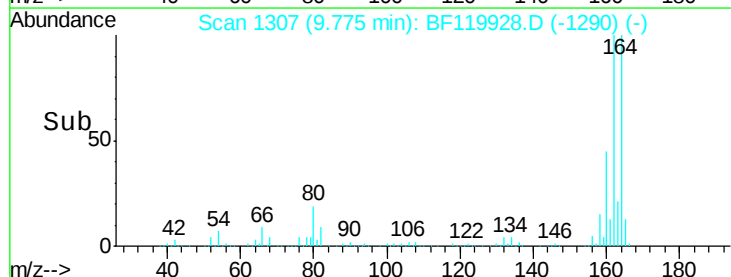
63 1.4 40.8 61.2#

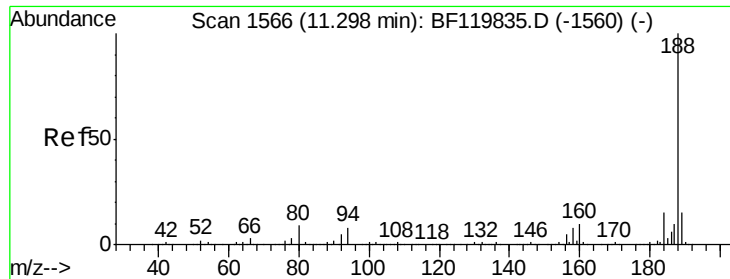
89 1.2 56.9 85.3#

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

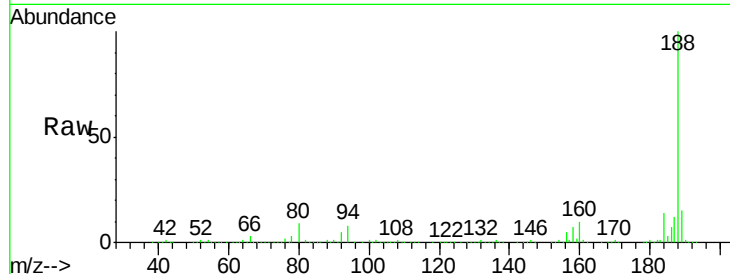




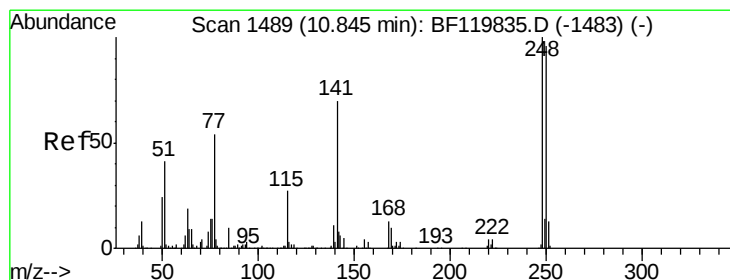
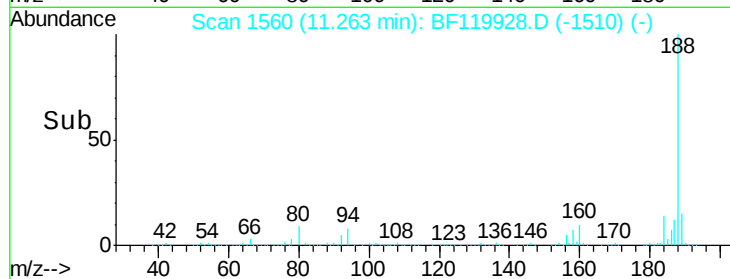
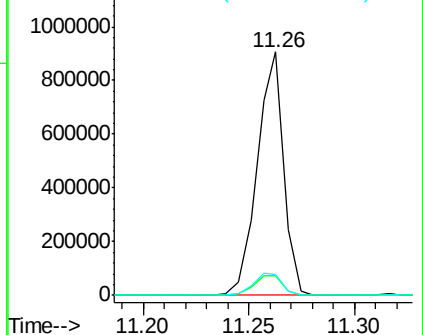
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119928.D
Acq: 13 Apr 2020 21:20

Instrument :
BNA_F
ClientSampleId :
TP-39-38-COMP

Tot Ion:188 Resp: 785620
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.7 7.4 11.2

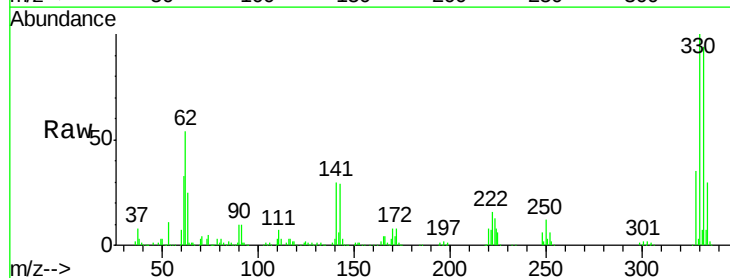


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

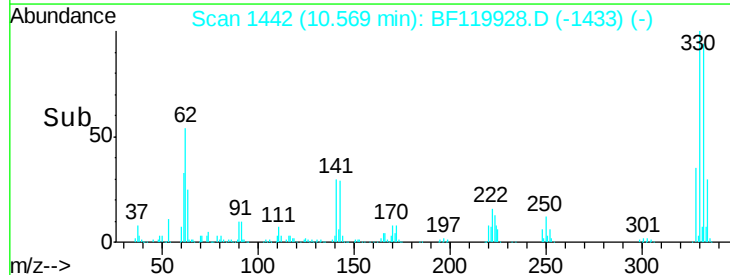
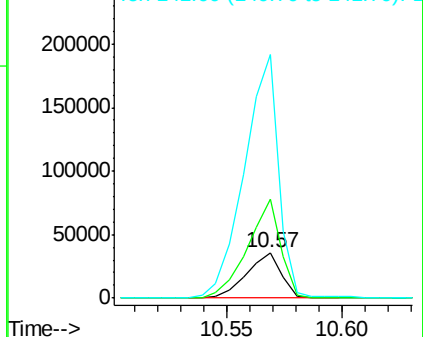


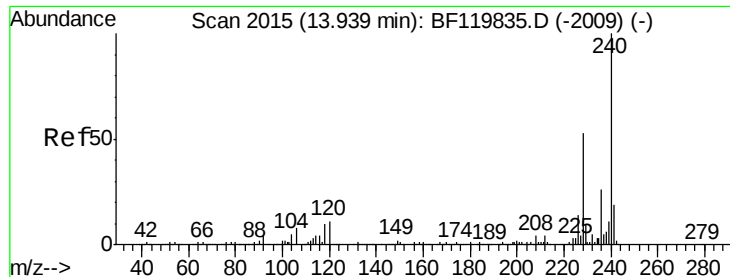
#67
4-Bromophenyl-phenylether
Concen: 3.854 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119928.D
Acq: 13 Apr 2020 21:20

Tgt Ion:248 Resp: 37657
Ion Ratio Lower Upper
248 100
250 214.8 76.6 114.8#
141 531.0 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: BF119928.D

Acq: 13 Apr 2020 21:20

Instrument :

BNA_F

ClientSampleId :

TP-39-38-COMP

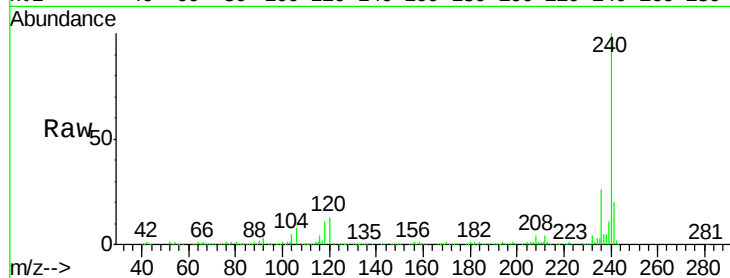
Tot Ion:240 Resp: 627429

Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.6

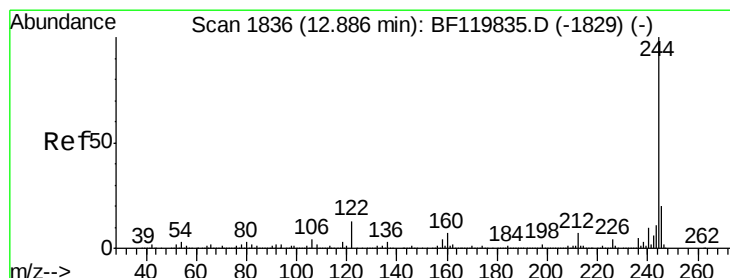
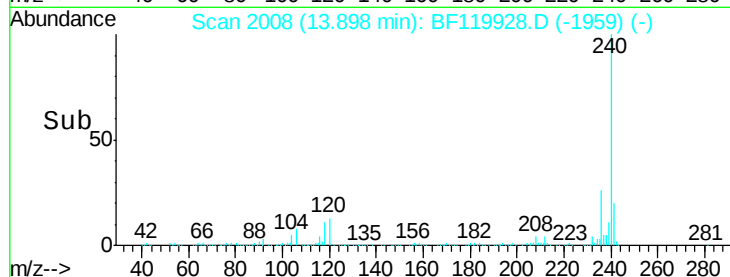
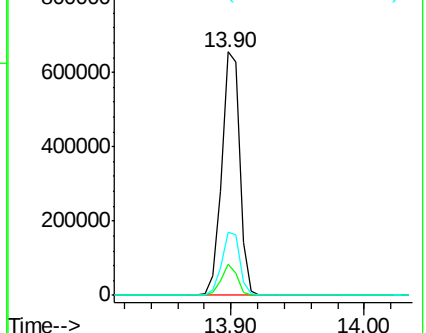
236 25.8 20.7 31.1



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: 80.225 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119928.D

Acq: 13 Apr 2020 21:20

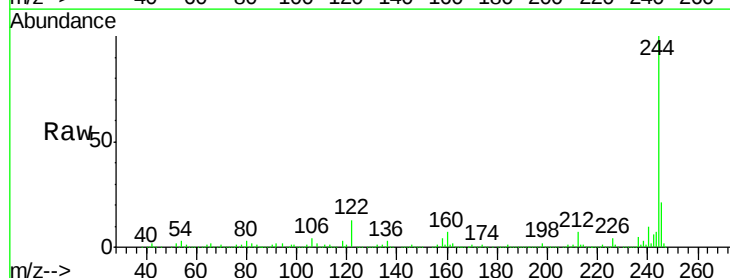
Tgt Ion:244 Resp: 2991423

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

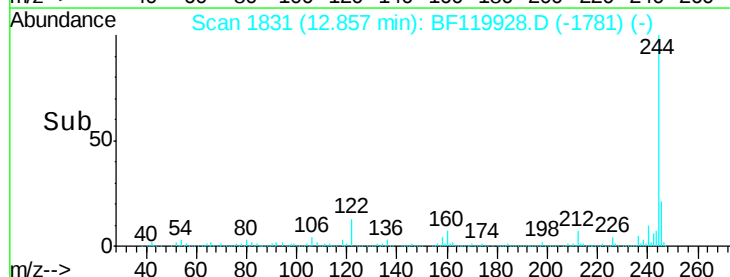
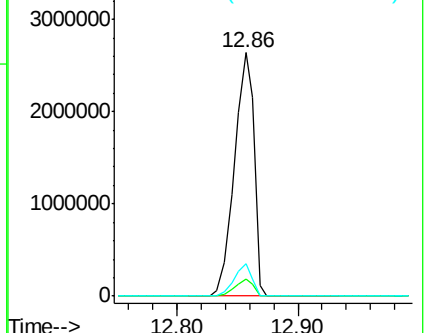
122 13.2 10.3 15.5

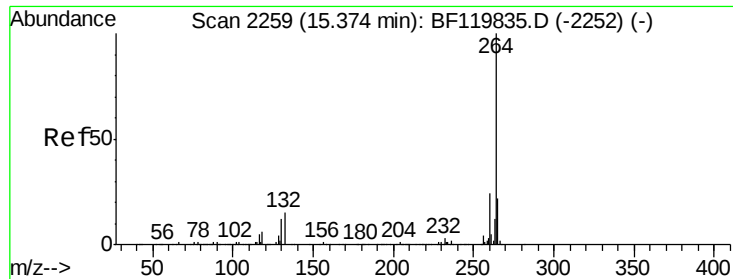


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

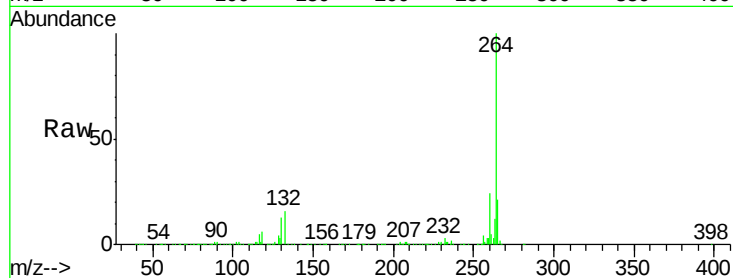




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119928.D
Acq: 13 Apr 2020 21:20

Instrument :
BNA_F
ClientSampleId :
TP-39-38-COMP

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	19.3	28.9	
265	20.6	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

