

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120058.D
 Acq On : 17 Apr 2020 14:47
 Operator : MA/SJ
 Sample : L2243-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-28-COMP

Quant Time: Apr 18 01:21:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

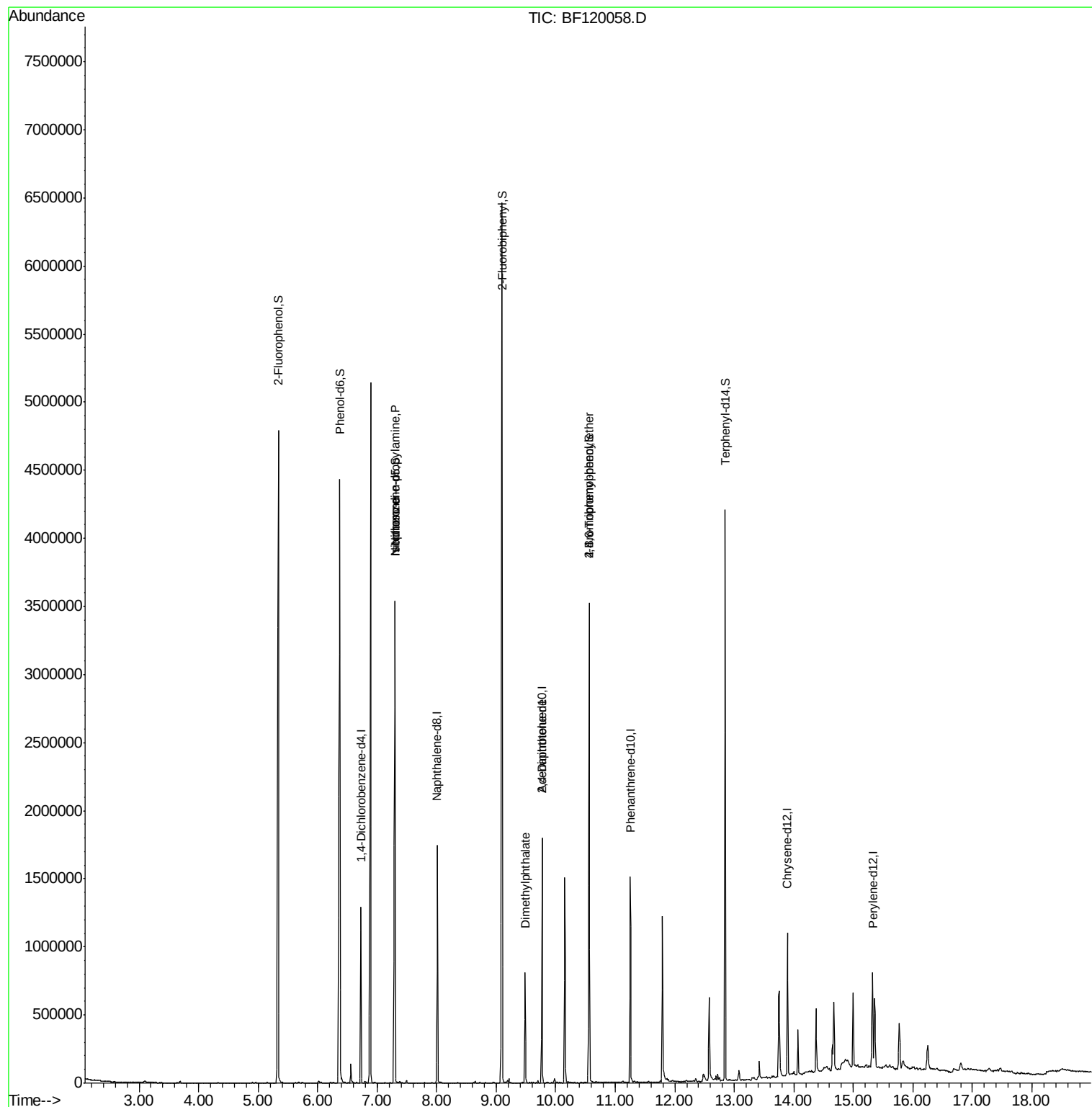
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	192751	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	711295	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	339241	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	535790	20.00	ng	0.00
76) Chrysene-d12	13.89	240	329213	20.00	ng	-0.01
87) Perylene-d12	15.32	264	298021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1534939	137.62	ng	0.01
7) Phenol-d6	6.37	99	1954817	136.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	1211110	88.09	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	410825	98.91	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2181426	91.30	ng	0.00
79) Terphenyl-d14	12.85	244	1655808	84.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2509	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	159728	17.283	ng	# 76
25) Isophorone	7.30	82	1199300	45.249	ng	# 65
50) Dimethylphthalate	9.49	163	275253	10.490	ng	100
57) 2,4-Dinitrotoluene	9.77	165	43162	5.701	ng	# 22
67) 4-Bromophenyl-phenylether	10.56	248	24413	3.664	ng	# 1

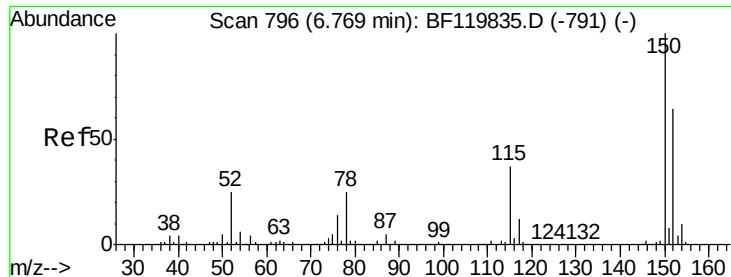
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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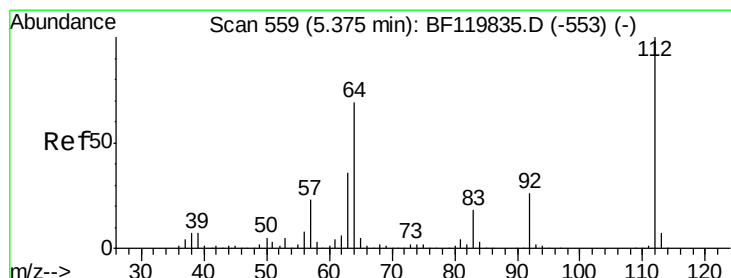
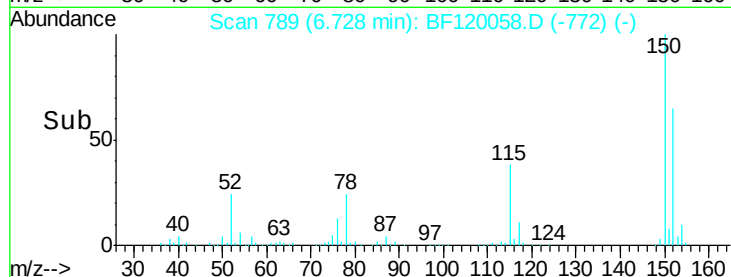
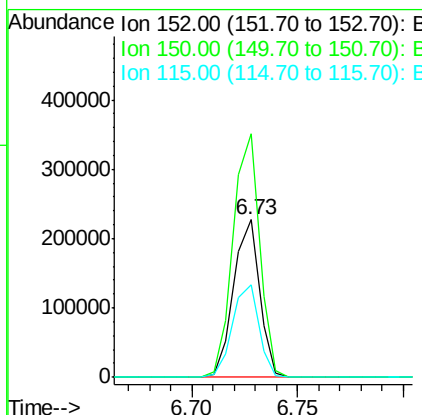
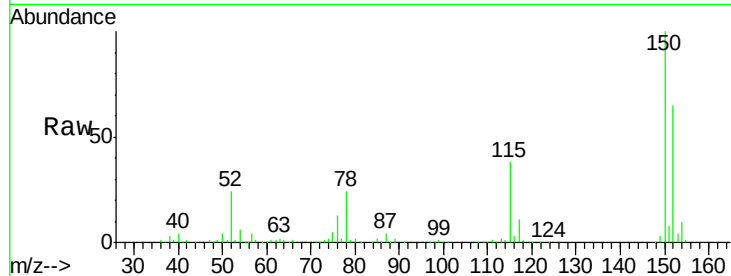


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF120058.D
 Acq: 17 Apr 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-28-COMP

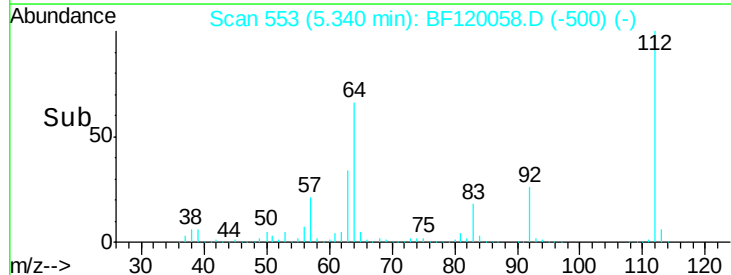
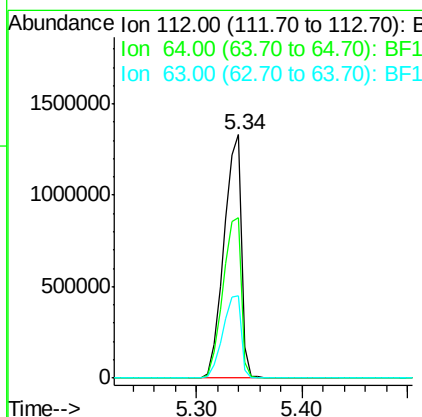
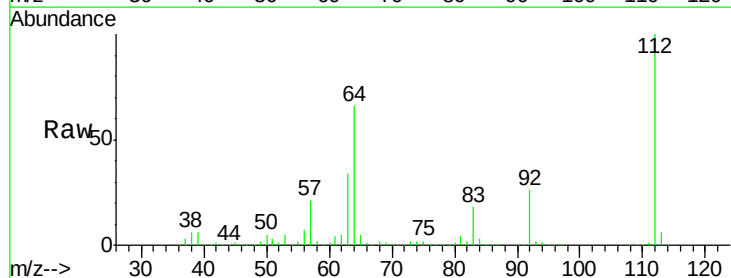
Tot Ion:152 Resp: 192751
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.8 187.2
 115 59.0 46.5 69.7

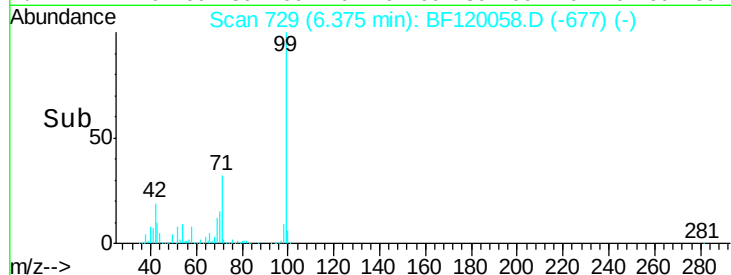
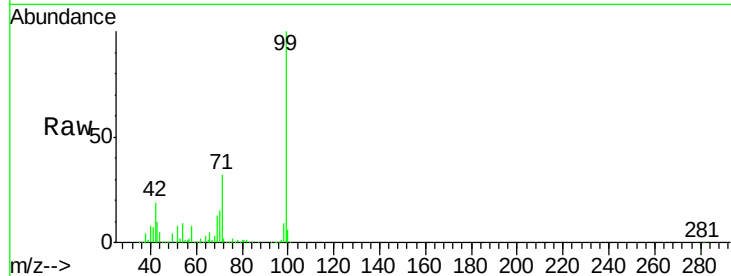
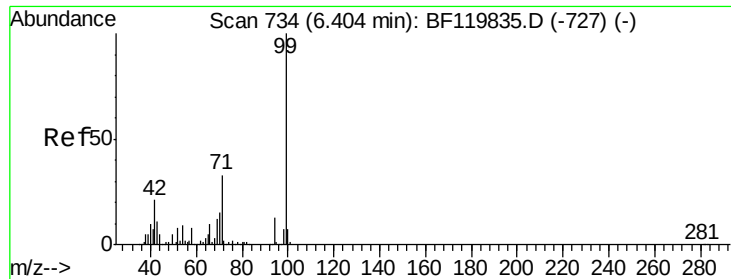


#5

2-Fluorophenol
 Concen: 137.621 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF120058.D
 Acq: 17 Apr 2020 14:47

Tgt Ion:112 Resp: 1534939
 Ion Ratio Lower Upper
 112 100
 64 65.8 55.5 83.3
 63 33.7 29.1 43.7





#7

Phenol-d6

Concen: 136.019 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

TP-28-COMP

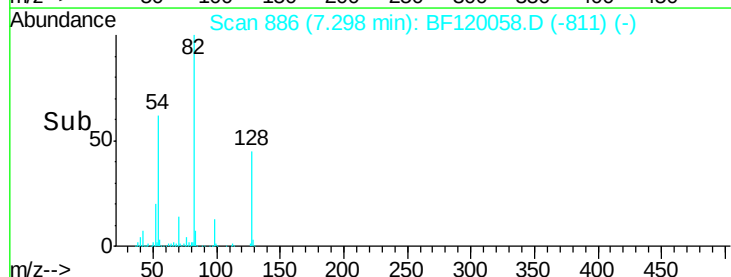
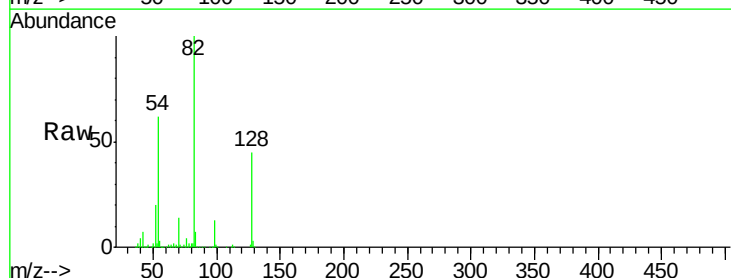
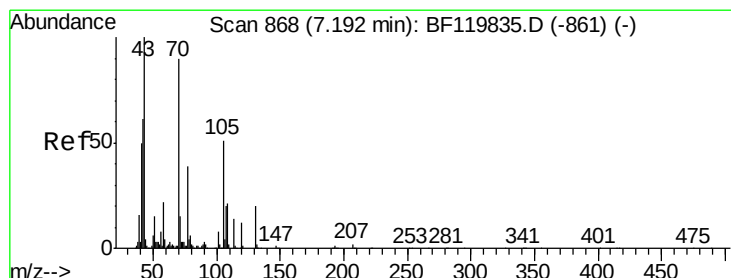
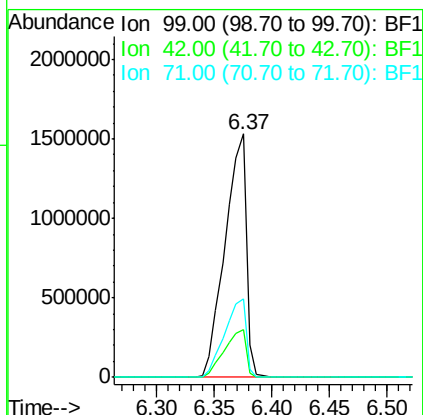
Tot Ion: 99 Resp: 1954817

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.283 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Tgt Ion: 70 Resp: 159728

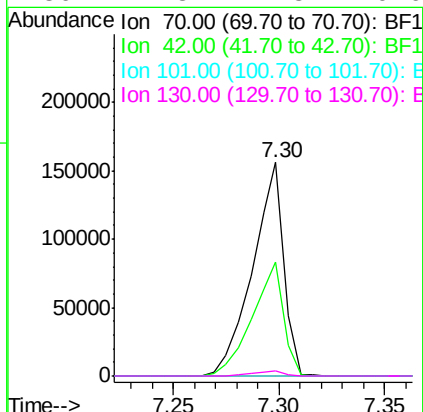
Ion Ratio Lower Upper

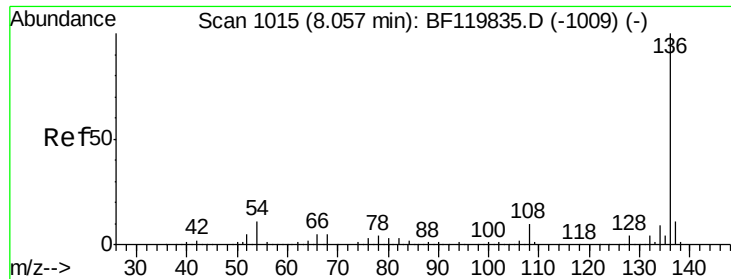
70 100

42 53.3 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

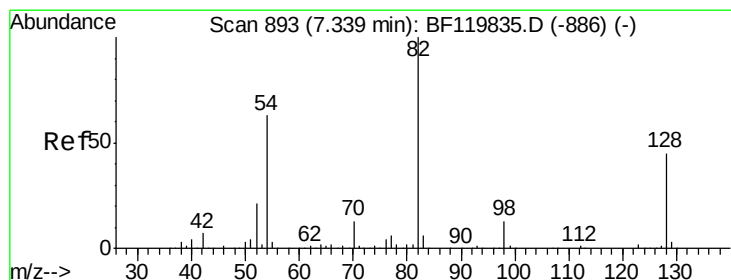
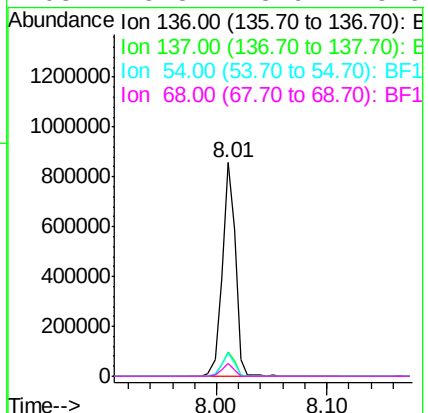
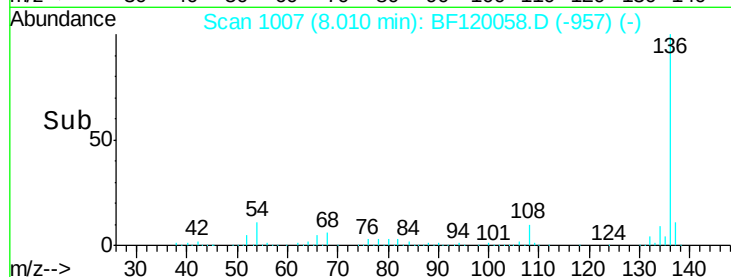
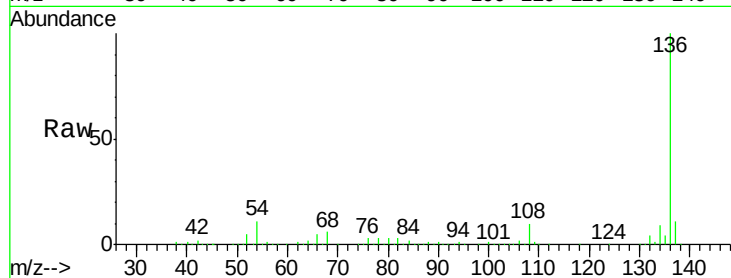




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

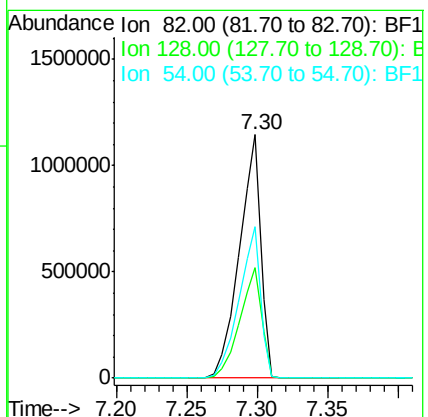
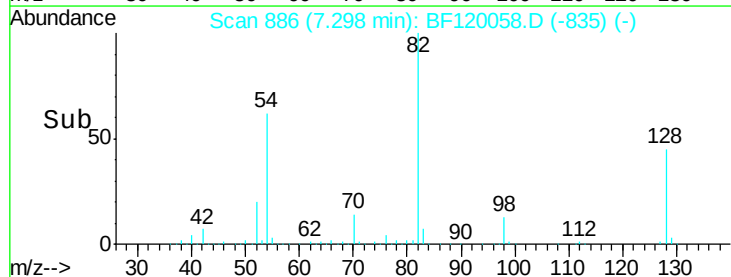
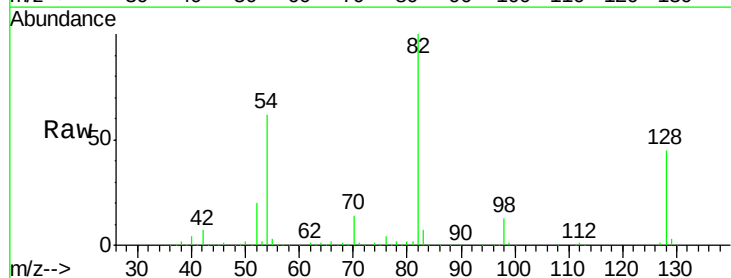
Instrument :
BNA_F
ClientSampleId :
TP-28-COMP

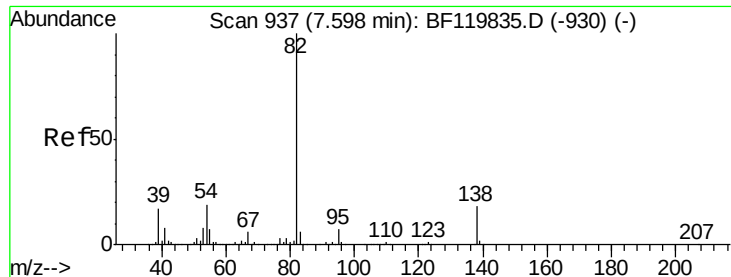
Tot Ion:136 Resp: 711295
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.6 8.5 12.7
68 5.8 3.9 5.9



#23
Nitrobenzene-d5
Concen: 88.086 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Tgt Ion: 82 Resp: 1211110
Ion Ratio Lower Upper
82 100
128 45.2 36.2 54.4
54 62.0 50.4 75.6





#25

Isophorone

Concen: 45.249 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

TP-28-COMP

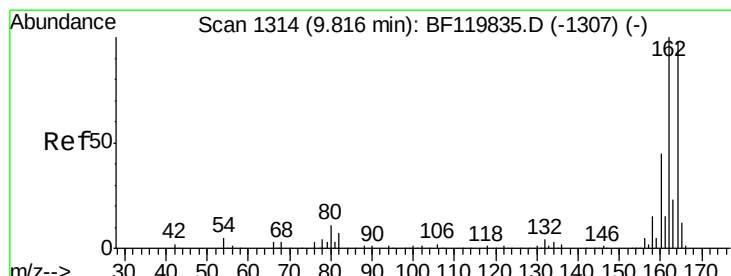
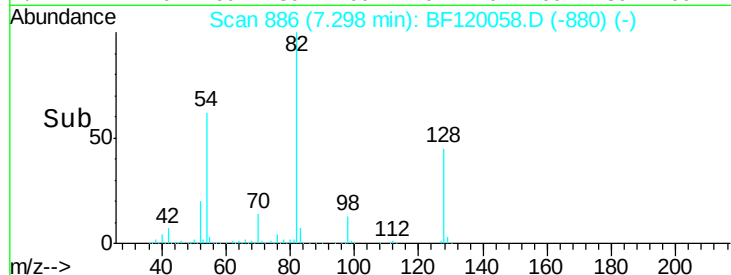
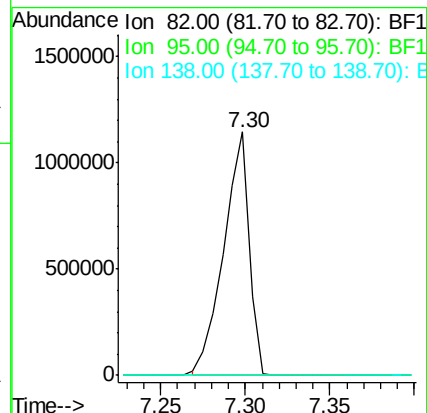
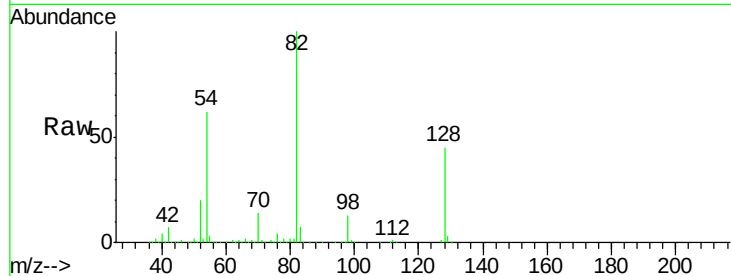
Tot Ion: 82 Resp: 1199300

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

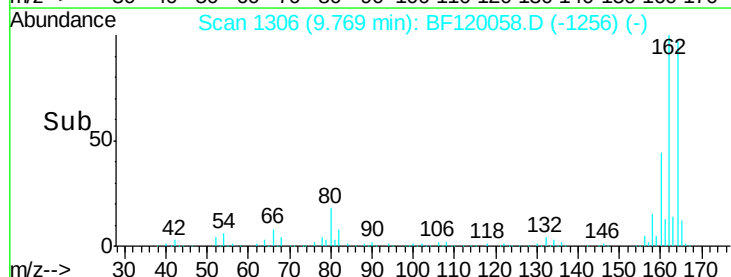
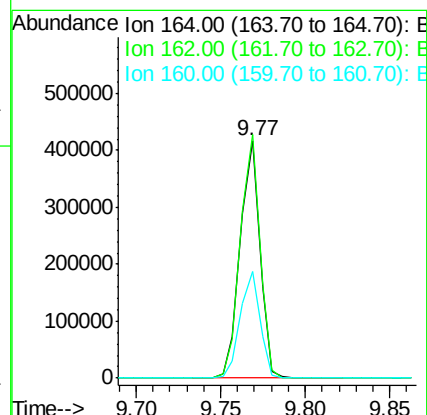
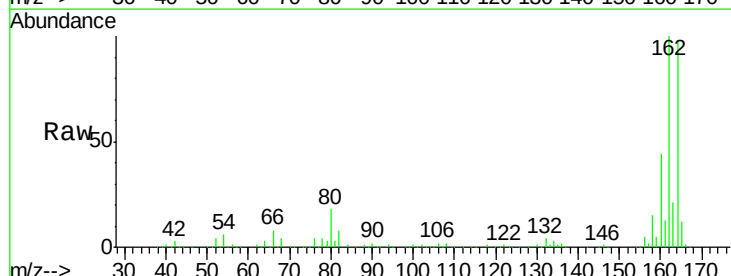
Tgt Ion:164 Resp: 339241

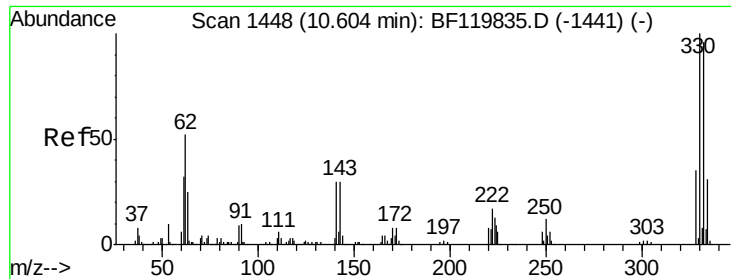
Ion Ratio Lower Upper

164 100

162 102.5 81.9 122.9

160 44.7 36.6 54.8

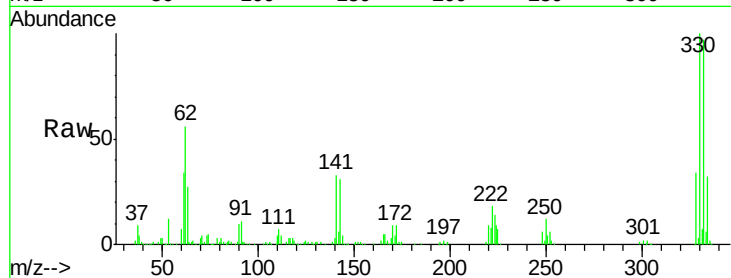




#42
 2,4,6-Tribromophenol
 Concen: 98.911 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF120058.D
 Acq: 17 Apr 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-28-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	34.3	25.1	37.7

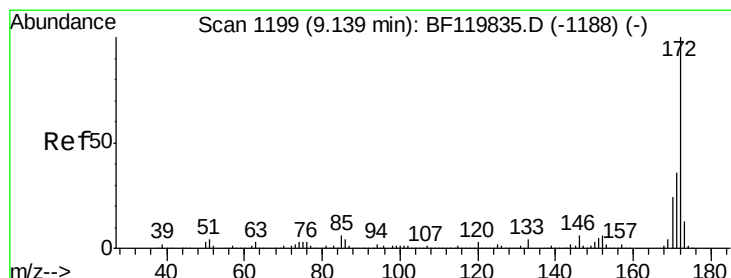
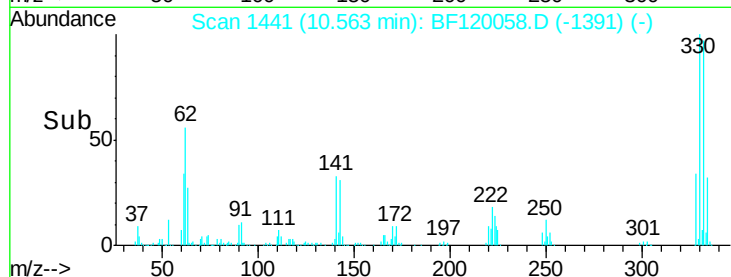
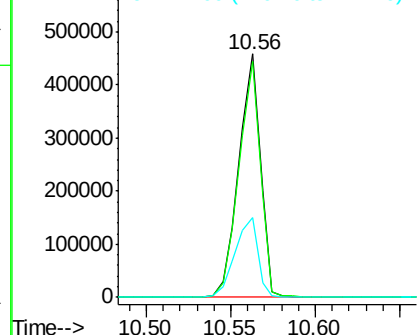


Abundance

Ion 329.80 (329.50 to 330.50): E

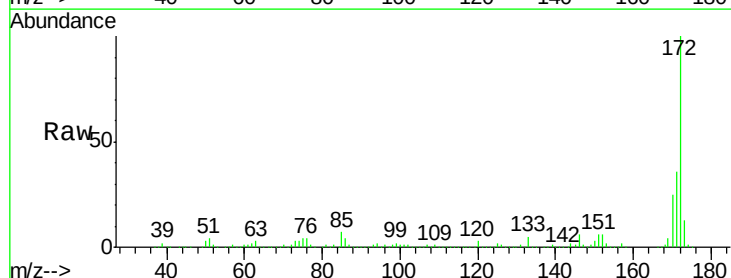
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.296 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF120058.D
 Acq: 17 Apr 2020 14:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.5	19.4	29.2

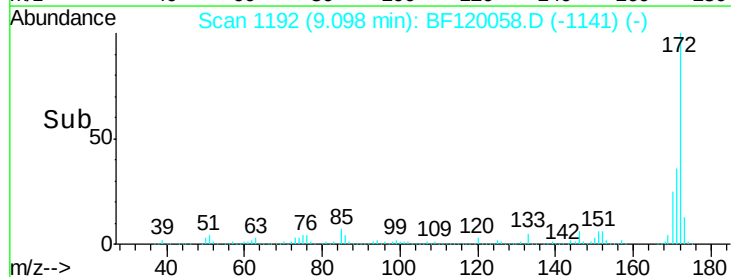
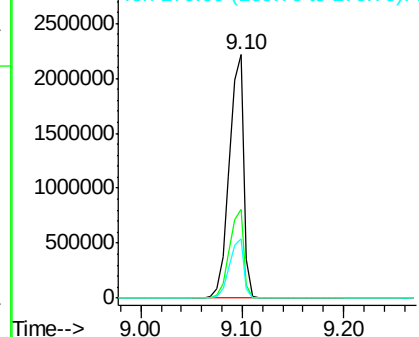


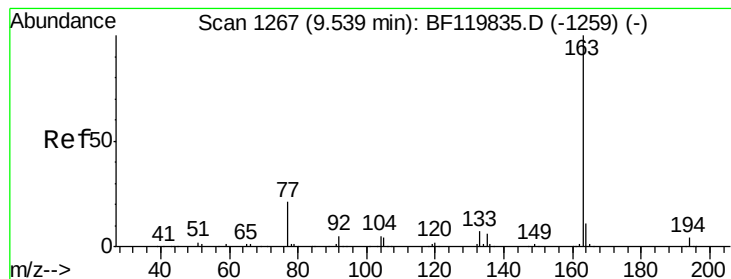
Abundance

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: 10.490 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

TP-28-COMP

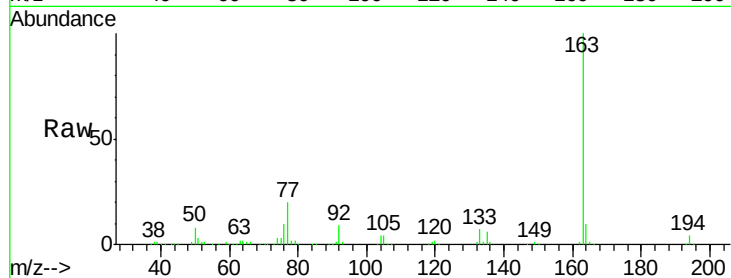
Tot Ion:163 Resp: 275253

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

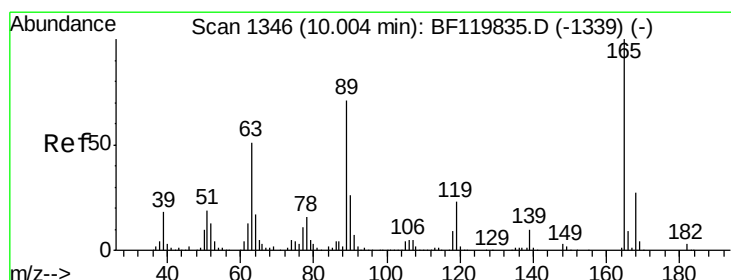
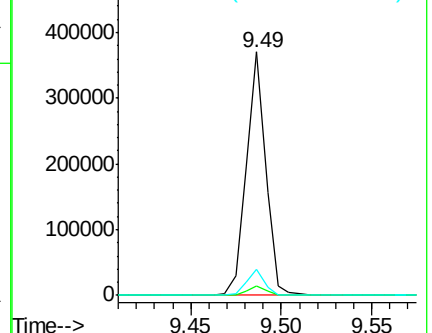
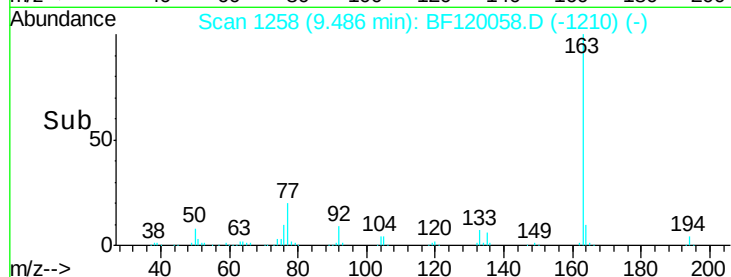
164 10.4 8.4 12.6



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: 5.701 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.20 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Tgt Ion:165 Resp: 43162

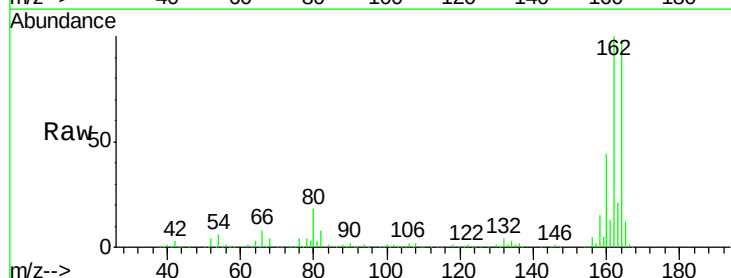
Ion Ratio Lower Upper

165 100

63 0.9 40.8 61.2#

89 1.3 56.9 85.3#

182 0.0 2.0 3.0#

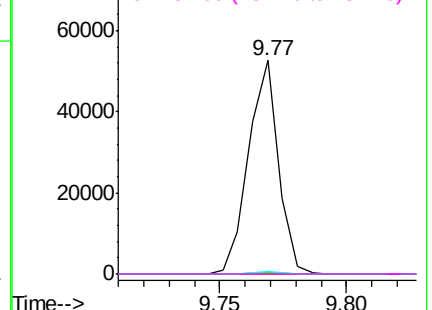
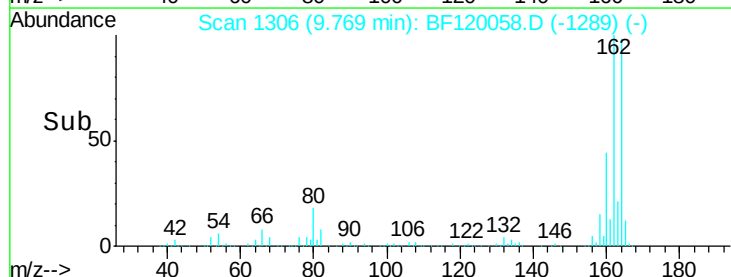


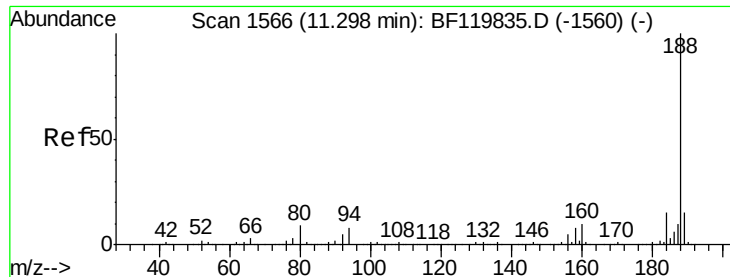
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

TP-28-COMP

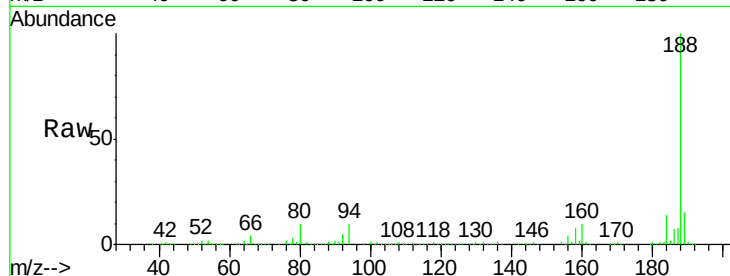
Tot Ion:188 Resp: 535790

Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

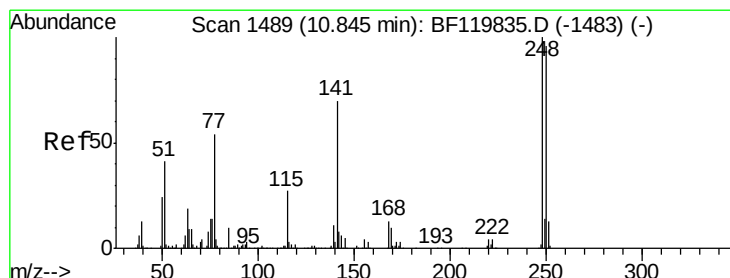
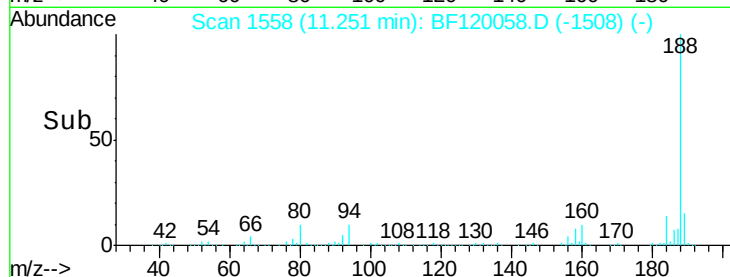
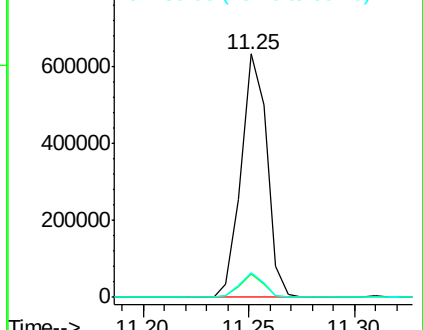
80 10.1 7.4 11.2



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: 3.664 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.24 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

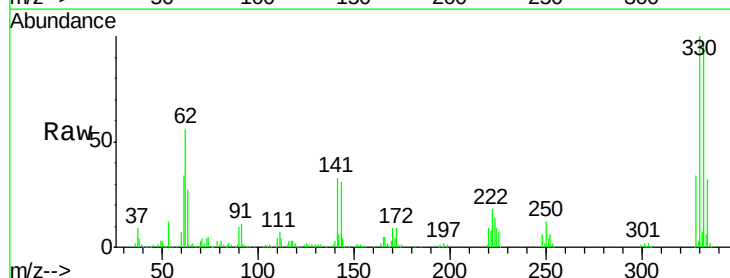
Tgt Ion:248 Resp: 24413

Ion Ratio Lower Upper

248 100

250 204.0 76.6 114.8#

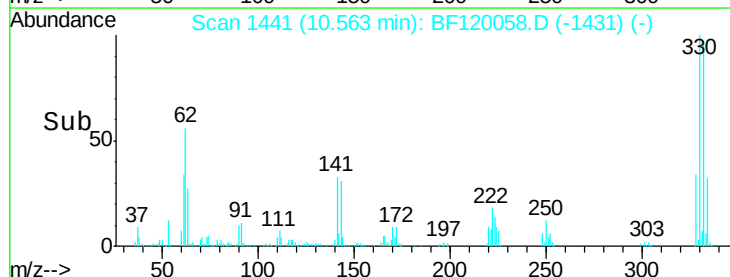
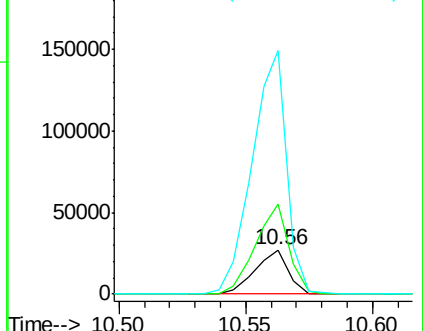
141 549.8 55.9 83.9#

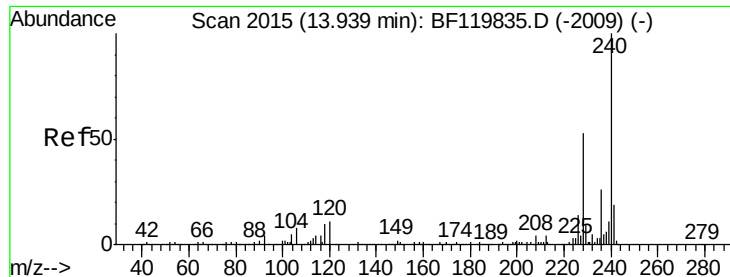


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2007

Delta R.T. -0.01 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

TP-28-COMP

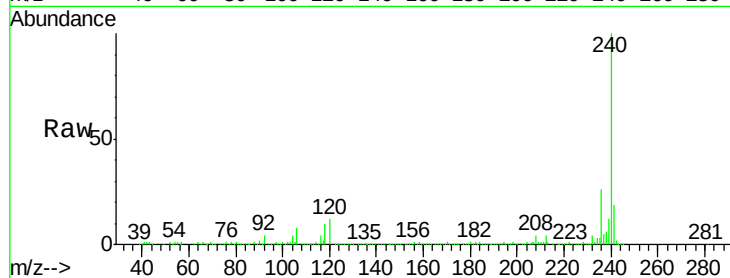
Tot Ion:240 Resp: 329213

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

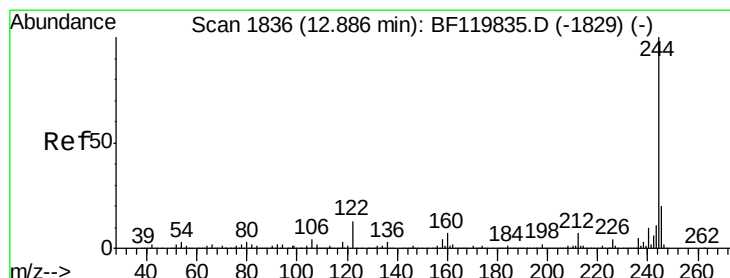
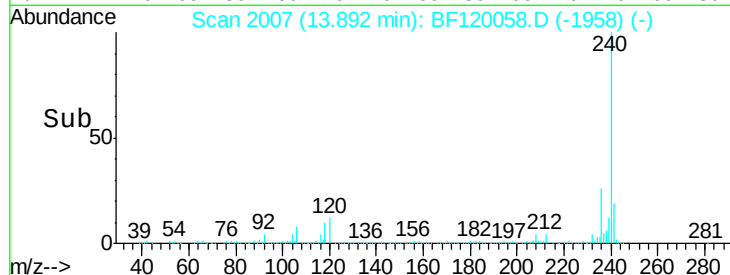
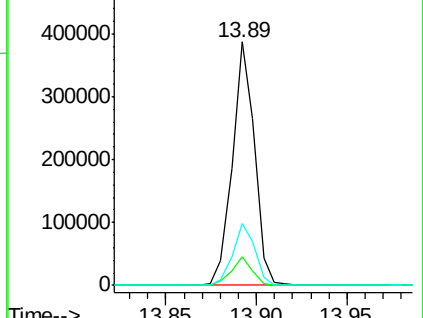
236 25.5 20.7 31.1



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: 84.631 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

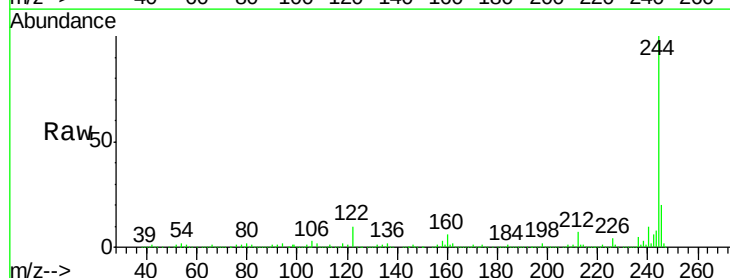
Tgt Ion:244 Resp: 1655808

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

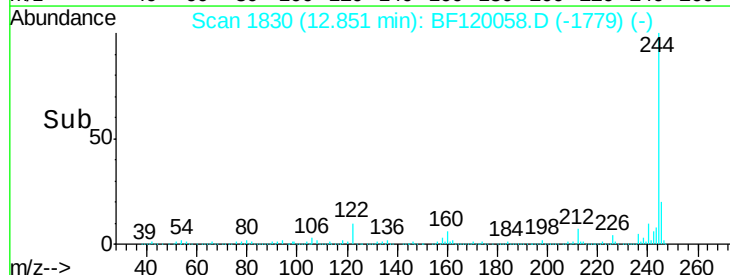
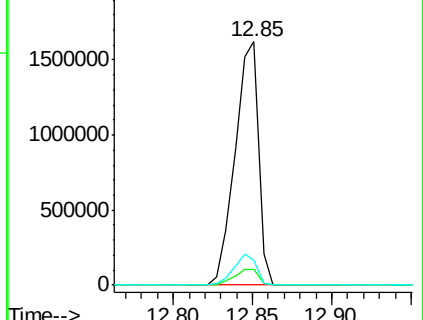
122 10.2 10.3 15.5#

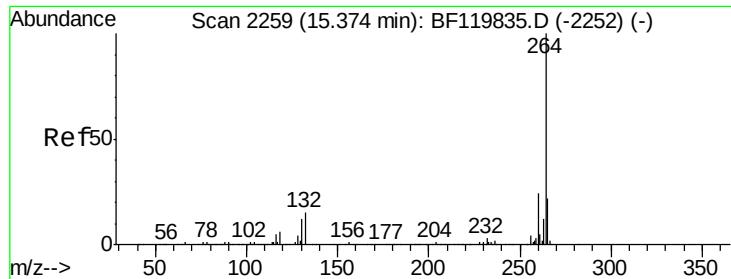


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120058.D
 Acq: 17 Apr 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-28-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	20.9	17.6	26.4

