

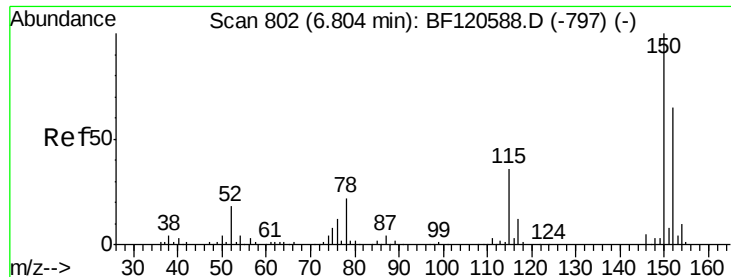
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120747.D
 Acq On : 30 Jun 2020 00:25
 Operator : JU/CG
 Sample : L3115-02RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPPE

Quant Time: Jun 30 03:17:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126508	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	233971	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	126658	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	247958	20.00	ng	0.00
76) Chrysene-d12	13.96	240	463104	20.00	ng	0.00
86) Perylene-d12	15.40	264	452060	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	807676	109.46	ng	0.08
7) Phenol-d6	6.50	99	962107	104.69	ng	0.08
23) Nitrobenzene-d5	7.36	82	405851	96.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	206137	139.98	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	842940	101.82	ng	0.00
79) Terphenyl-d14	12.91	244	1653247	78.86	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	54349	10.195	ng	# 76
25) Isophorone	7.36	82	405847	49.775	ng	# 62
50) Dimethylphthalate	9.55	163	72354	7.932	ng	99
57) 2,4-Dinitrotoluene	9.83	165	15378	5.606	ng	# 28
67) 4-Bromophenyl-phenylether	10.63	248	12176	4.327	ng	# 1

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

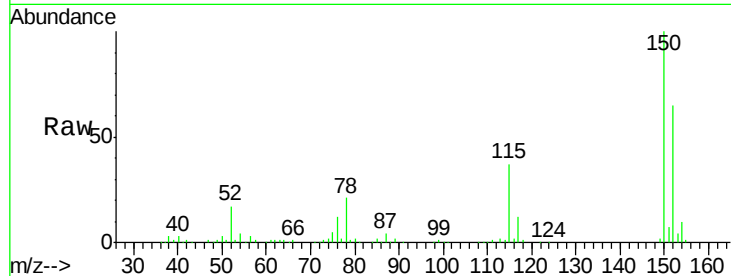


#1

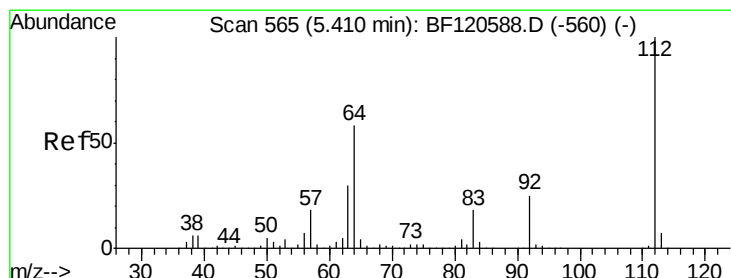
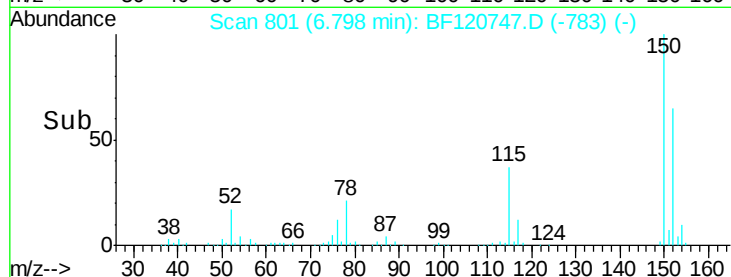
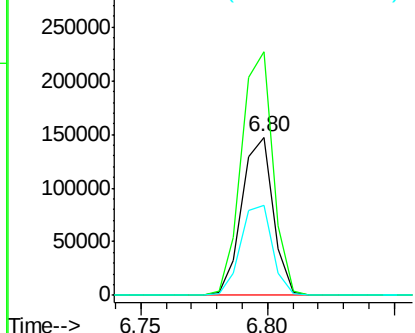
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120747.D
Acq: 30 Jun 2020 00:25

Instrument :
BNA_F
ClientSampleId :
TPRE

Tot Ion:152 Resp: 126508
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 56.6 44.2 66.4



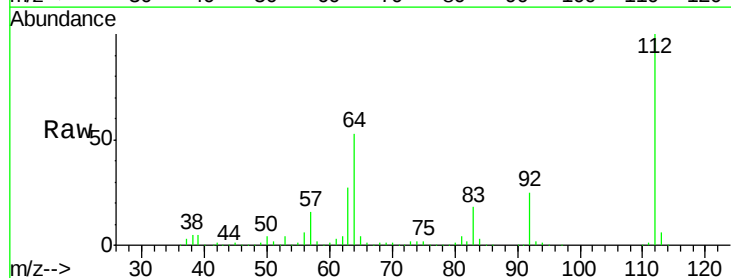
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



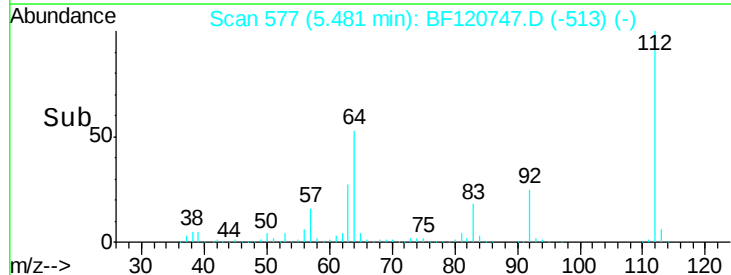
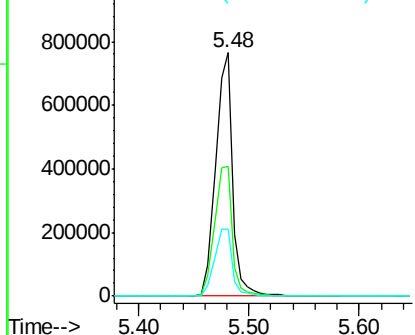
#5

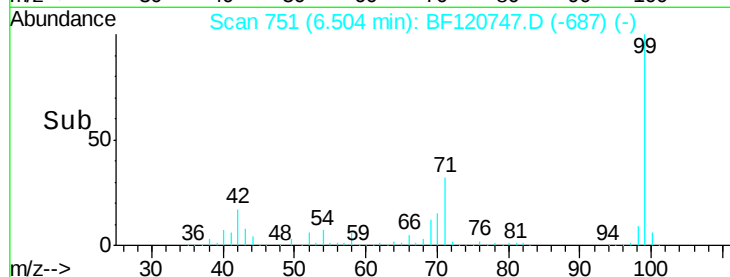
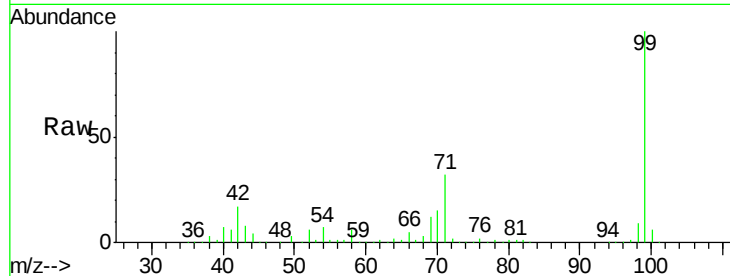
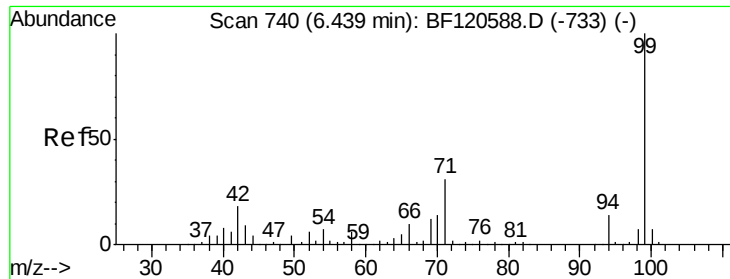
2-Fluorophenol
Concen: 109.457 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.08 min
Lab File: BF120747.D
Acq: 30 Jun 2020 00:25

Tgt Ion:112 Resp: 807676
Ion Ratio Lower Upper
112 100
64 53.4 42.2 63.2
63 27.4 21.7 32.5



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: 104.686 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.08 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TPRE

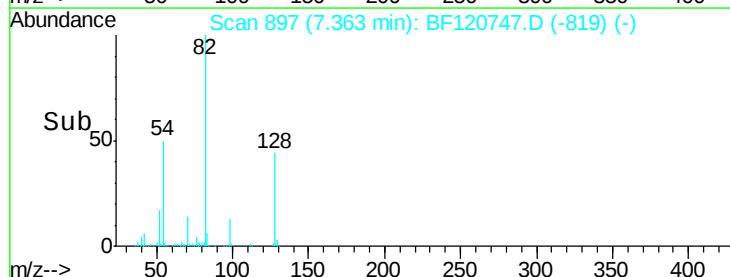
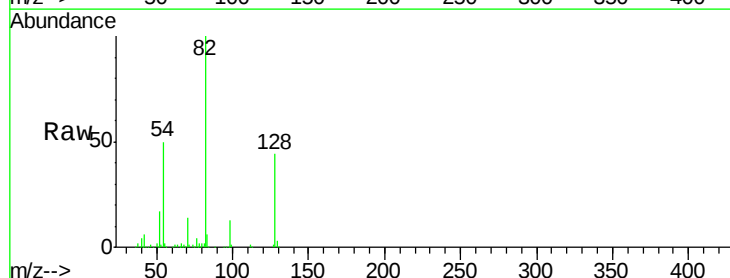
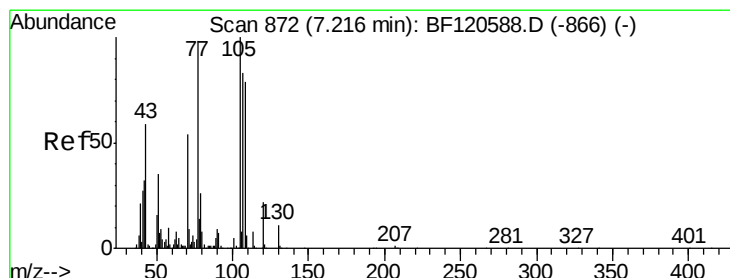
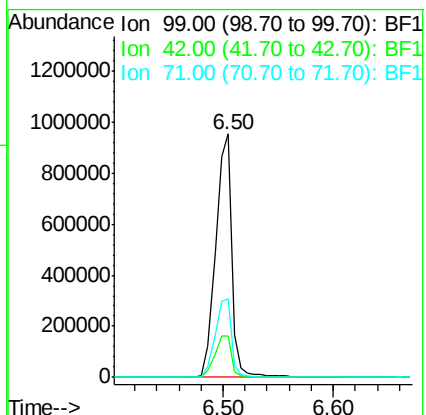
Tot Ion: 99 Resp: 962107

Ion Ratio Lower Upper

99 100

42 16.9 14.2 21.4

71 32.1 25.4 38.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.195 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

Tgt Ion: 70 Resp: 54349

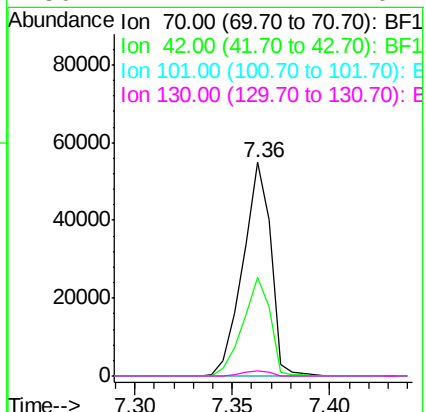
Ion Ratio Lower Upper

70 100

42 46.2 47.6 71.4#

101 0.0 7.6 11.4#

130 2.2 17.4 26.2#

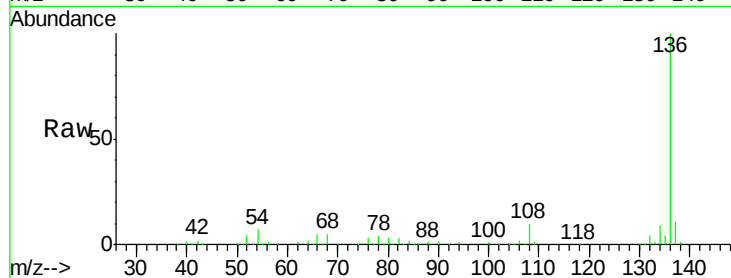




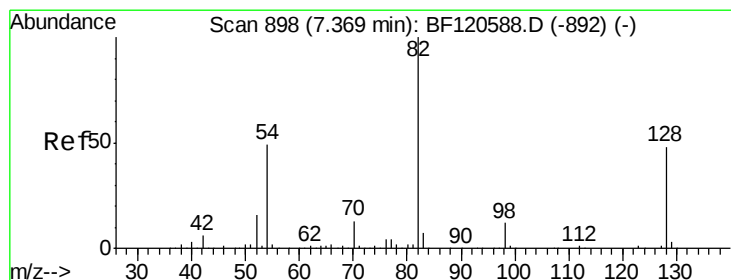
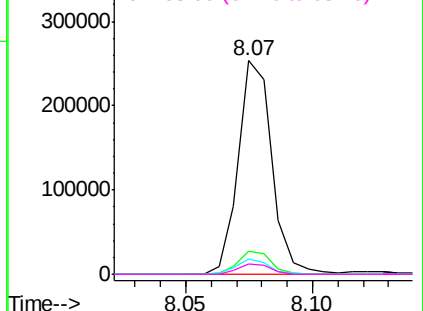
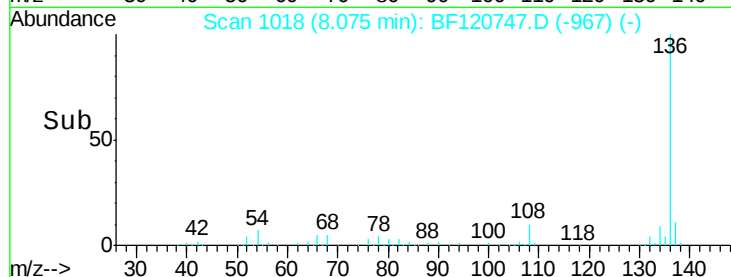
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF120747.D
Acq: 30 Jun 2020 00:25

Instrument :
BNA_F
ClientSampleId :
TPRE

Tot Ion:136 Resp: 233971
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.2 5.3 7.9
68 4.7 4.3 6.5

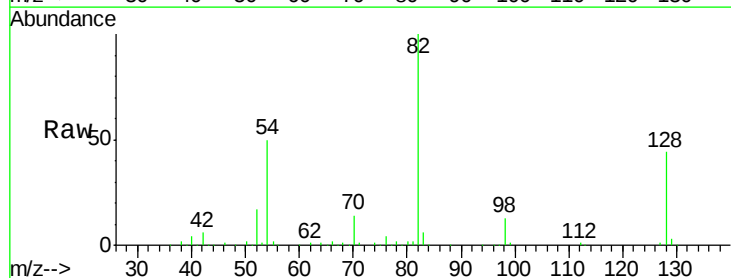


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

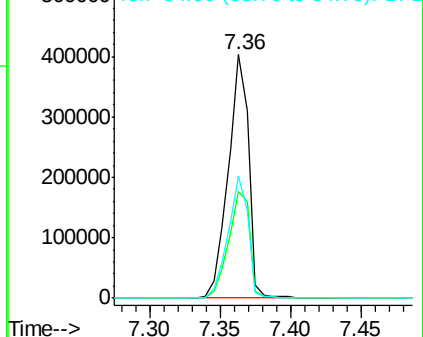
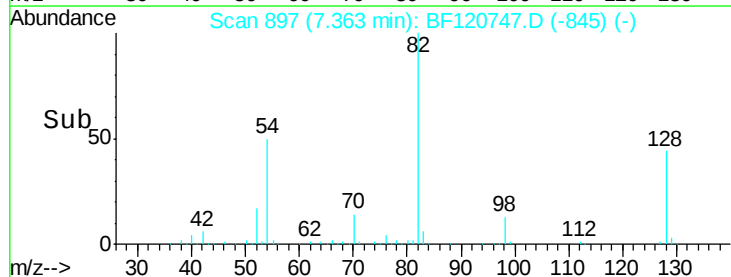


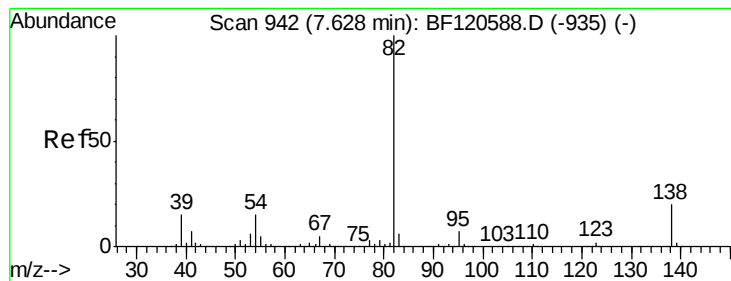
#23
Nitrobenzene-d5
Concen: 96.960 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF120747.D
Acq: 30 Jun 2020 00:25

Tgt Ion: 82 Resp: 405851
Ion Ratio Lower Upper
82 100
128 44.1 38.1 57.1
54 50.3 38.8 58.2



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: 49.775 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TPRE

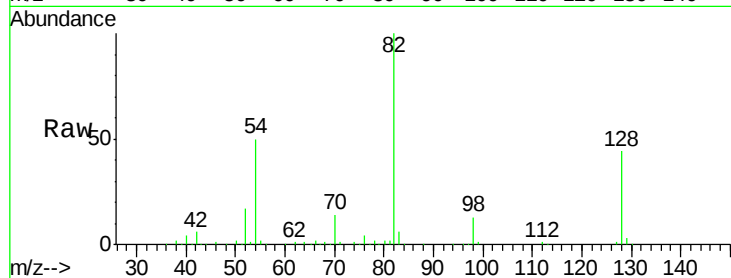
Tot Ion: 82 Resp: 405847

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

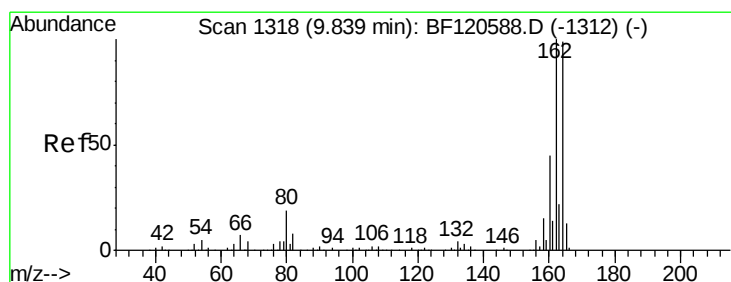
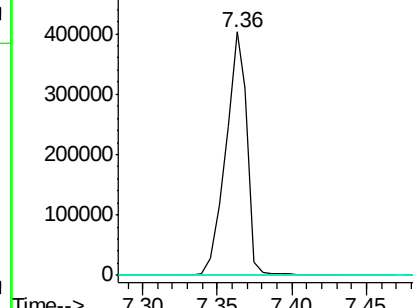
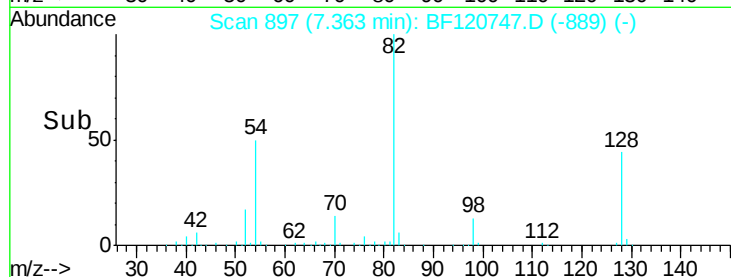
138 0.0 16.1 24.1#



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: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

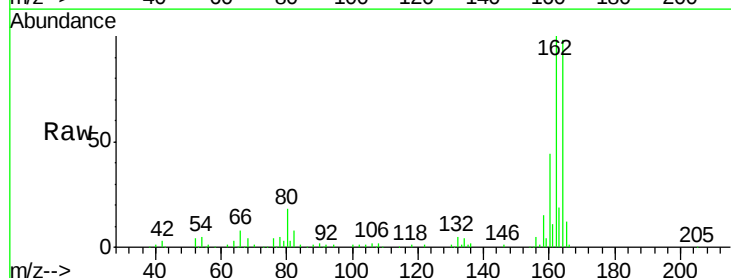
Tgt Ion:164 Resp: 126658

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

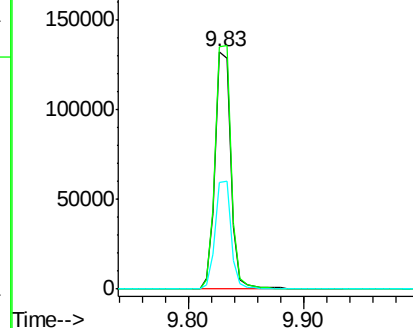
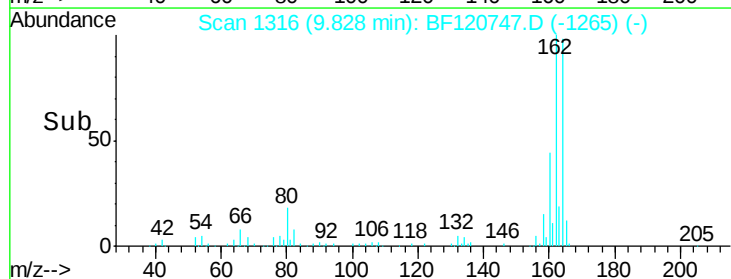
160 45.0 36.6 55.0

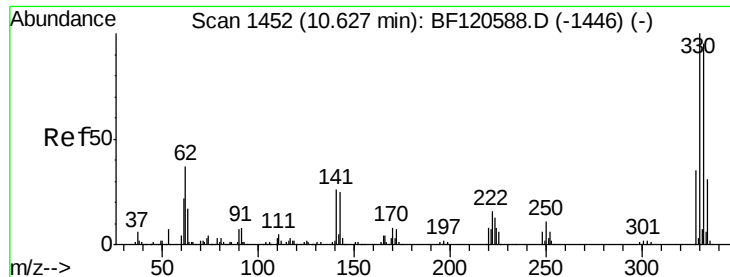


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

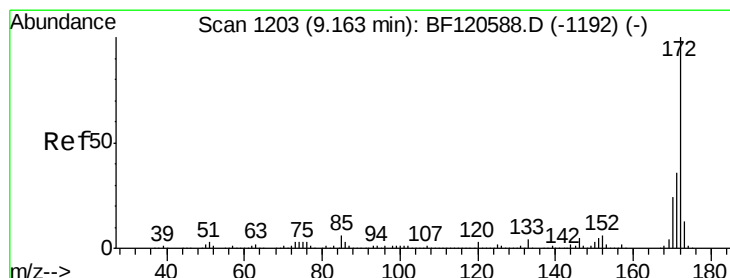
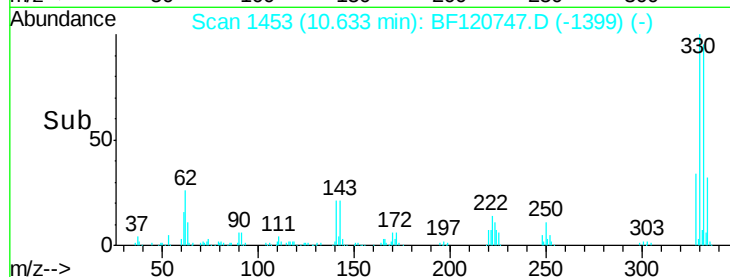
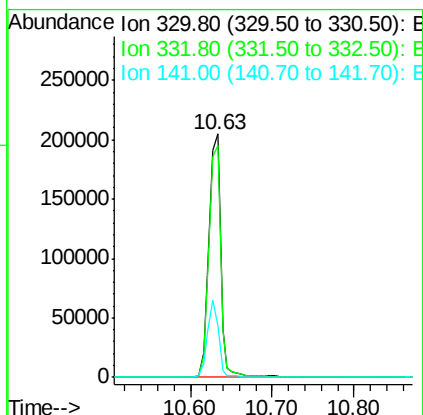
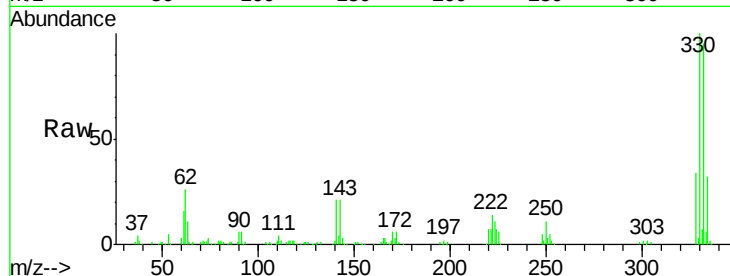




#42
 2,4,6-Tribromophenol
 Concen: 139.984 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.02 min
 Lab File: BF120747.D
 Acq: 30 Jun 2020 00:25

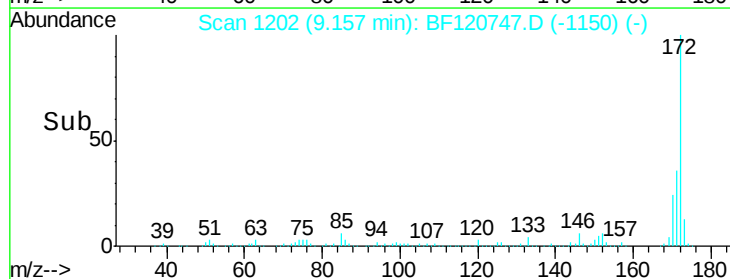
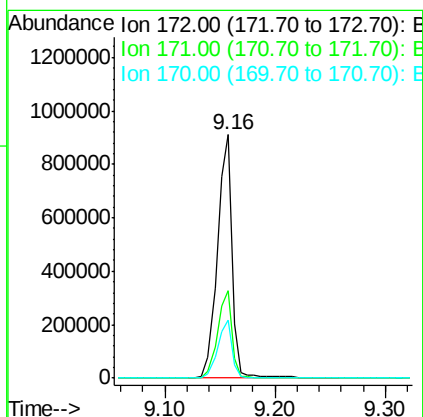
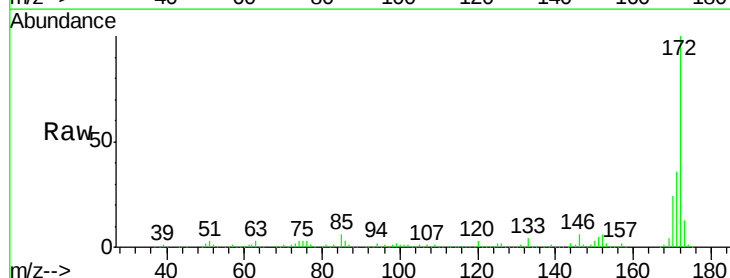
Instrument :
 BNA_F
 ClientSampled :
 TPPE

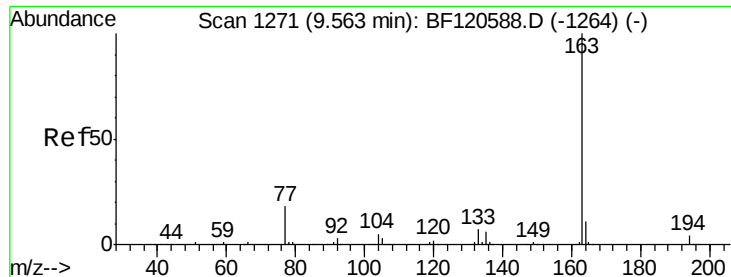
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.4	114.6
141	29.8	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 101.824 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF120747.D
 Acq: 30 Jun 2020 00:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.1	28.7





#50

Dimethylphthalate

Concen: 7.932 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

Instrument :
BNA_F
ClientSampled :
TPRE

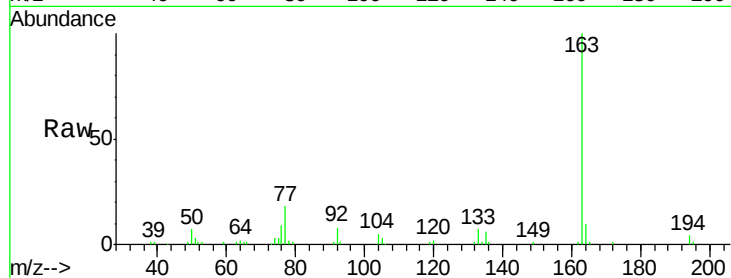
Tot Ion:163 Resp: 72354

Ion Ratio Lower Upper

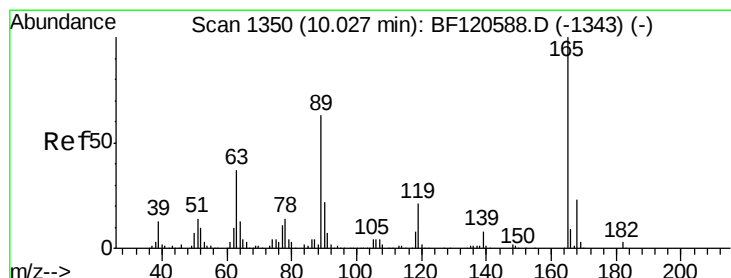
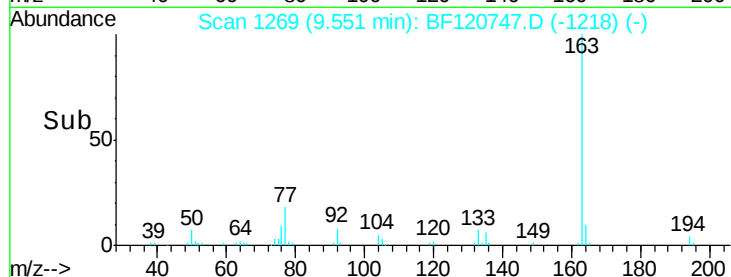
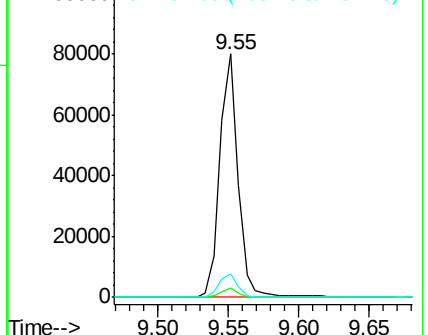
163 100

194 3.9 3.0 4.6

164 9.7 8.2 12.2



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: 5.606 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

Tgt Ion:165 Resp: 15378

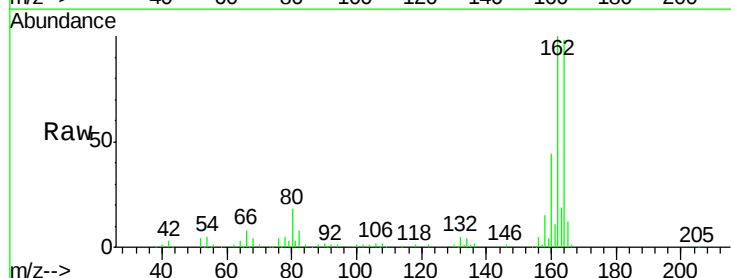
Ion Ratio Lower Upper

165 100

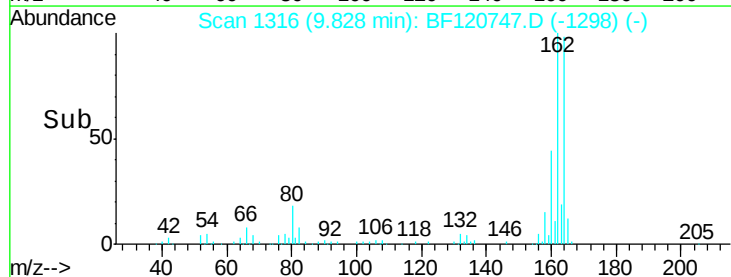
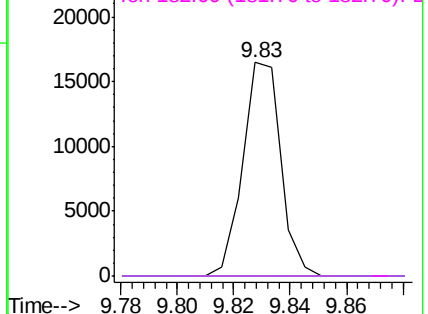
63 0.0 30.1 45.1#

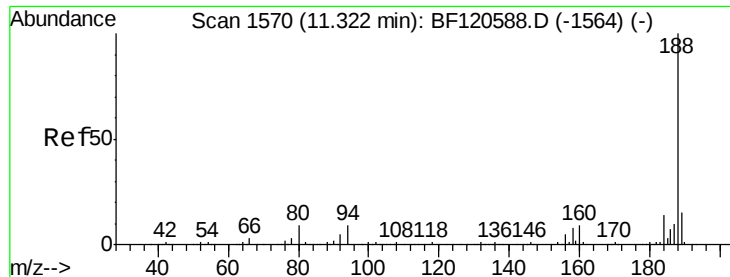
89 0.0 49.2 73.8#

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: 11.32 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TPRE

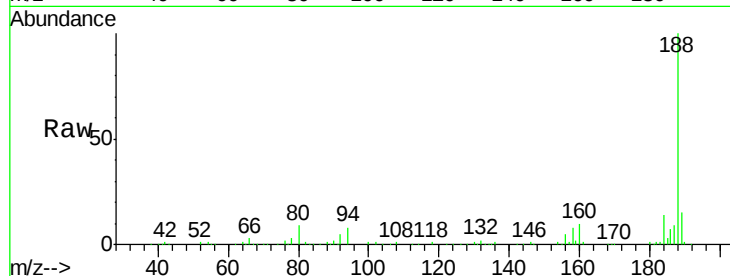
Tot Ion:188 Resp: 247958

Ion Ratio Lower Upper

188 100

94 7.7 7.5 11.3

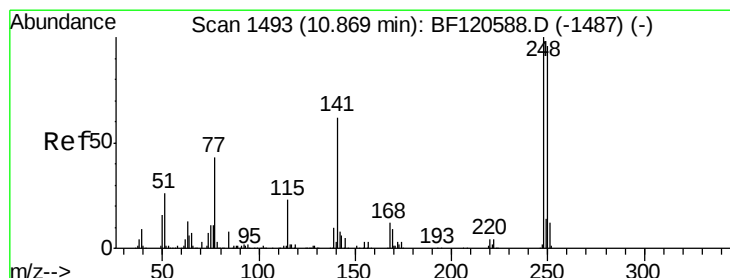
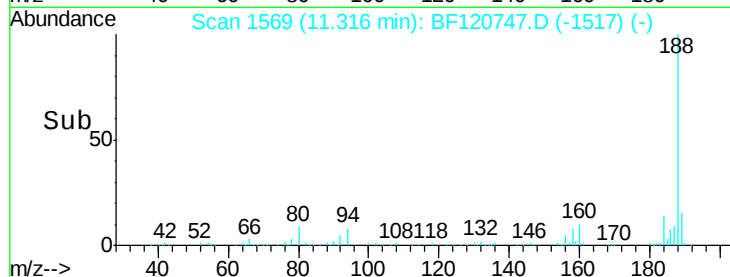
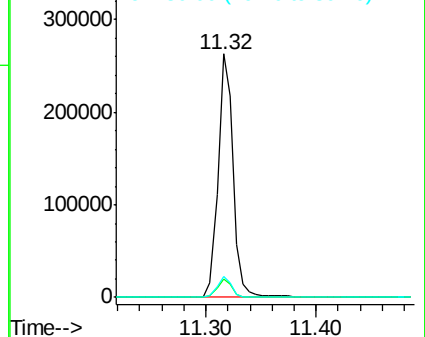
80 8.8 7.7 11.5



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: 4.327 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.23 min

Lab File: BF120747.D

Acq: 30 Jun 2020 00:25

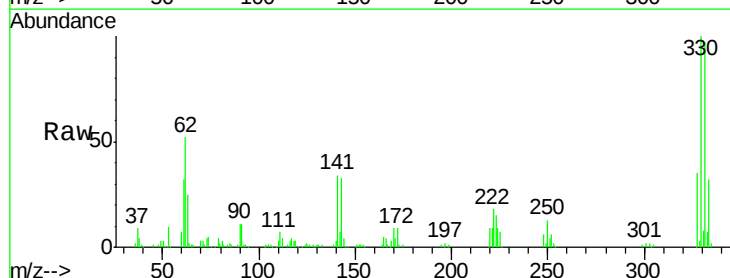
Tgt Ion:248 Resp: 12176

Ion Ratio Lower Upper

248 100

250 206.9 77.8 116.6#

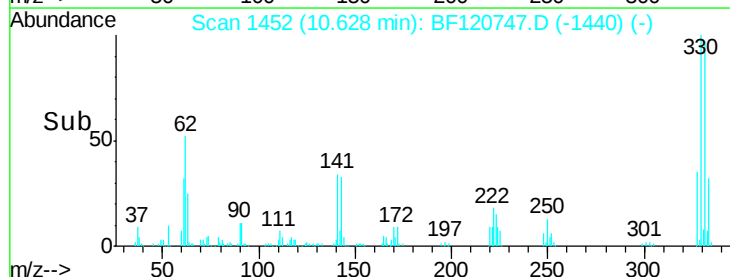
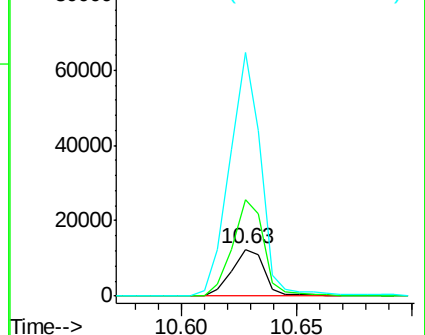
141 520.1 52.0 78.0#

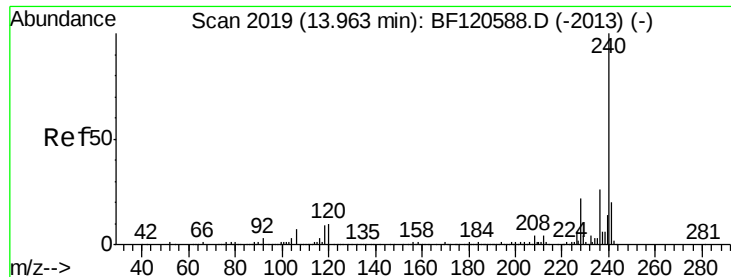


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

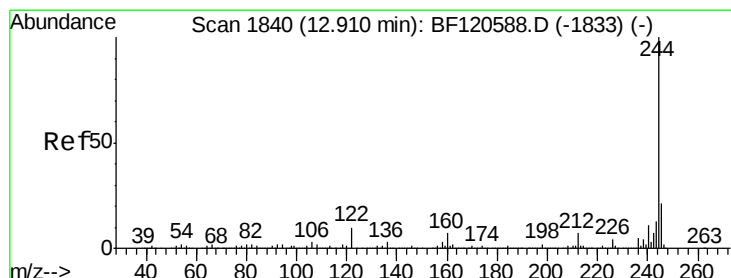
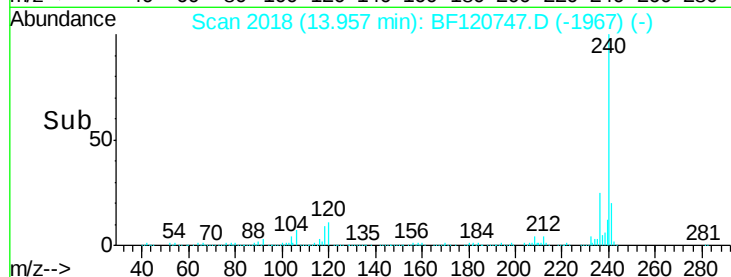
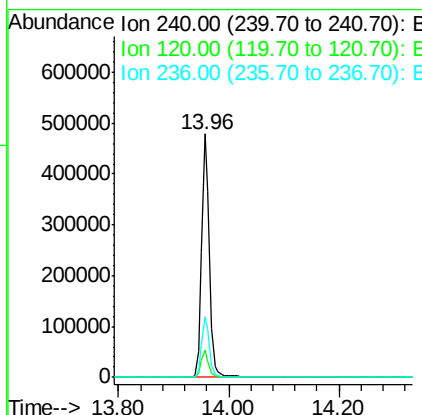
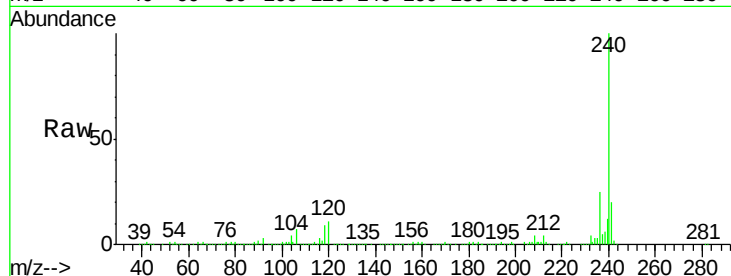




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF120747.D
 Acq: 30 Jun 2020 00:25

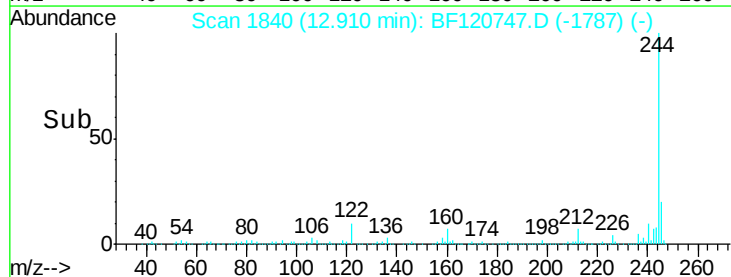
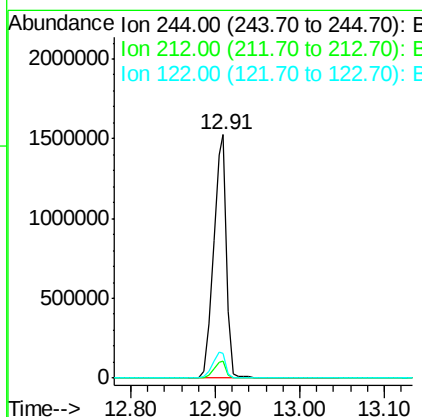
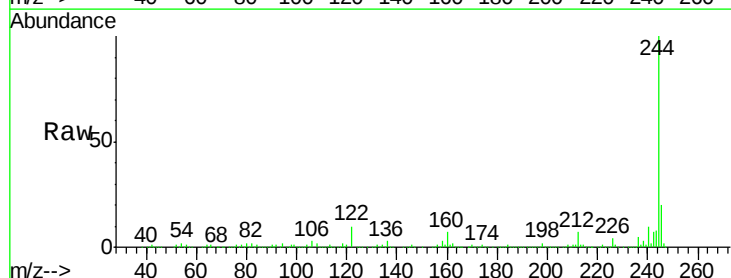
Instrument :
 BNA_F
 ClientSampleId :
 TPPE

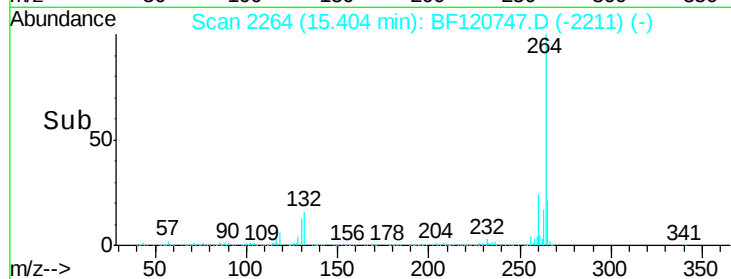
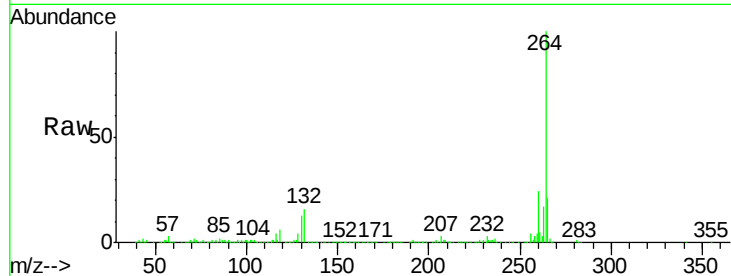
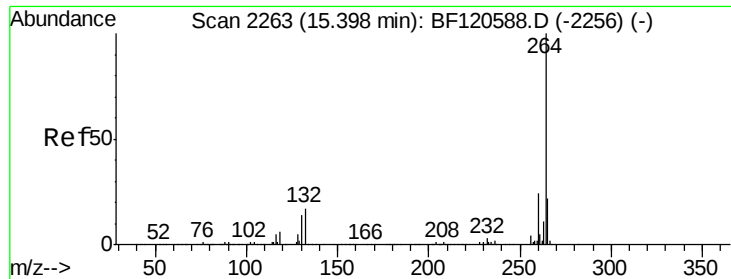
Tot Ion:240 Resp: 463104
 Ion Ratio Lower Upper
 240 100
 120 11.2 7.6 11.4
 236 25.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 78.855 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF120747.D
 Acq: 30 Jun 2020 00:25

Tgt Ion:244 Resp: 1653247
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.0 8.8 13.2





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: BF120747.D
 Acq: 30 Jun 2020 00:25

Instrument :
 BNA_F
 ClientSampleId :
 TPPE

Tot Ion:264 Resp: 452060
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.5 17.4 26.0

