

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120733.D
 Acq On : 29 Jun 2020 17:53
 Operator : JU/CG
 Sample : L3143-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20200626

Quant Time: Jun 30 00:30:24 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

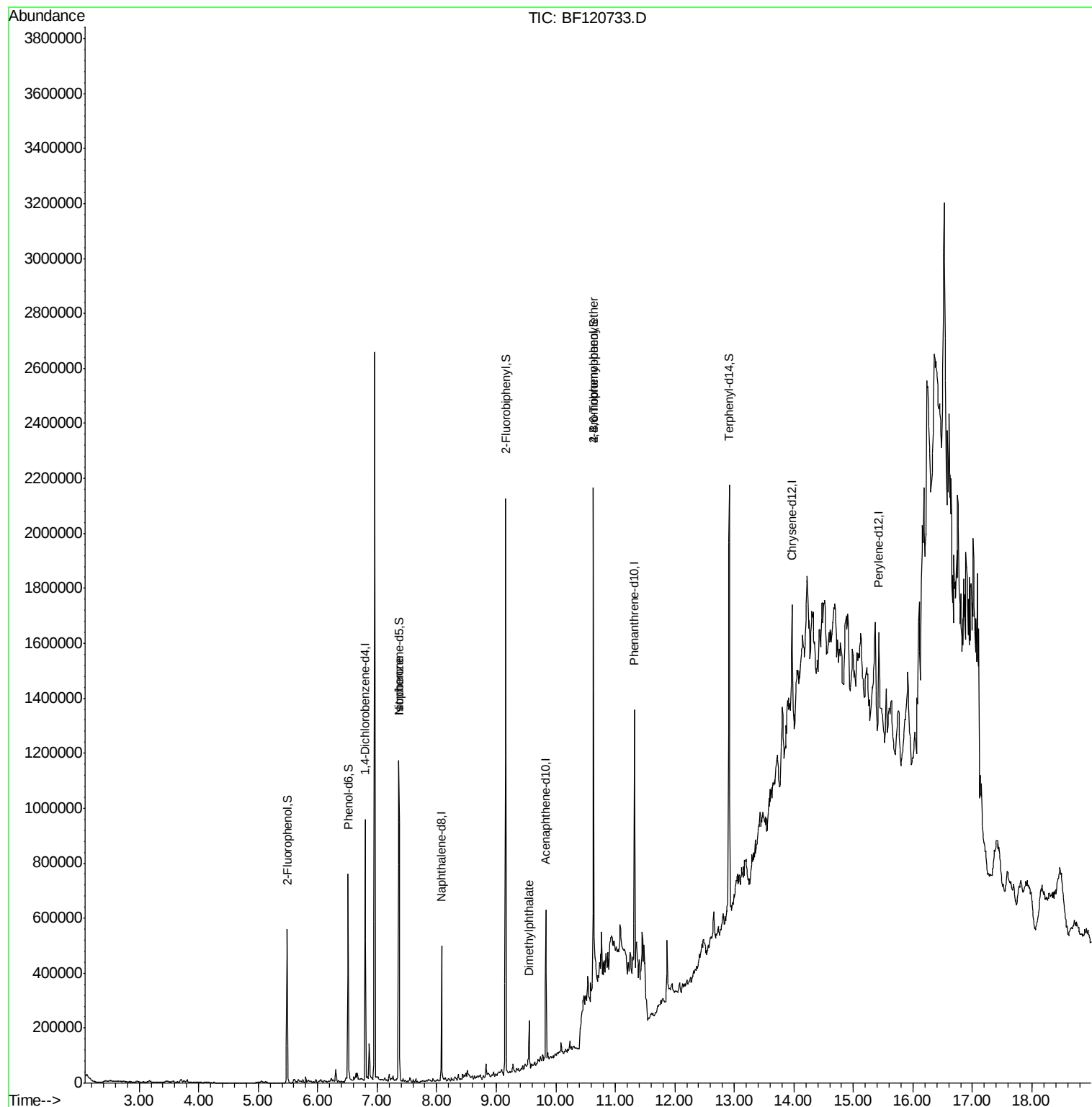
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	130156	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	187484	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	97164	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	338644	20.00	ng	0.01
76) Chrysene-d12	13.97	240	116608	20.00	ng	0.01
86) Perylene-d12	15.43	264	133220	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	158862	20.93	ng	0.08
7) Phenol-d6	6.51	99	247551	26.18	ng	0.08
23) Nitrobenzene-d5	7.36	82	403566	120.32	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	254025	224.87	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	588554	92.68	ng	0.00
79) Terphenyl-d14	12.92	244	589934	111.75	ng	0.02
Target Compounds						
25) Isophorone	7.36	82	403557	61.766	ng	# 62
50) Dimethylphthalate	9.55	163	53743	7.680	ng	99
67) 4-Bromophenyl-phenylether	10.63	248	14779	3.845	ng	# 1

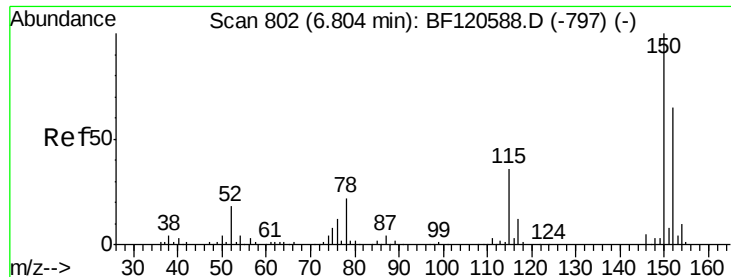
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



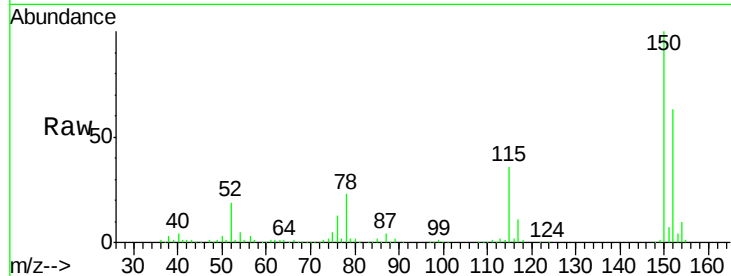


#1

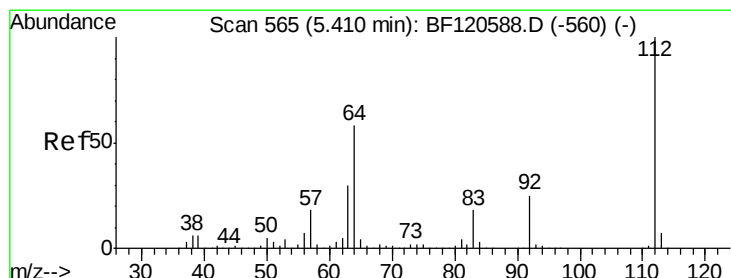
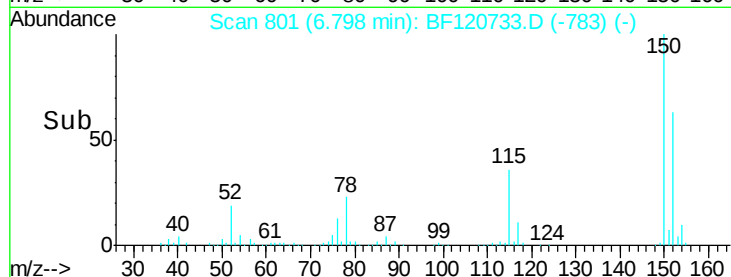
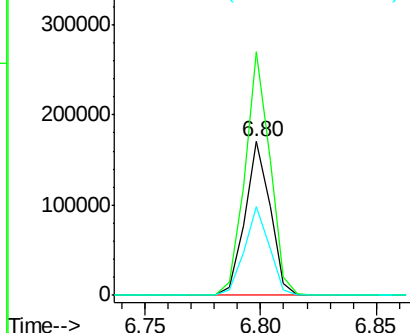
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120733.D
Acq: 29 Jun 2020 17:53

Instrument :
BNA_F
ClientSampleId :
WC-20200626

Tot Ion:152 Resp: 130156
Ion Ratio Lower Upper
152 100
150 158.3 124.6 187.0
115 57.5 44.2 66.4



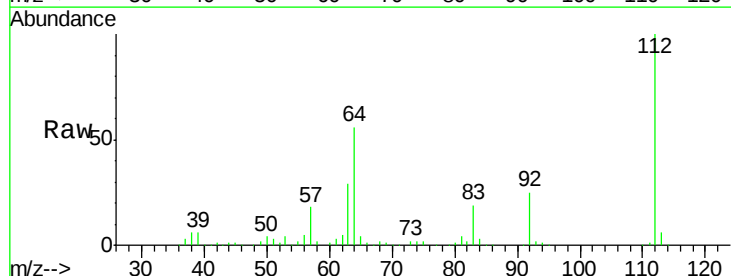
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



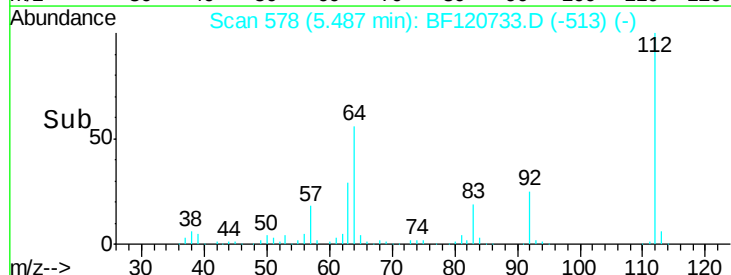
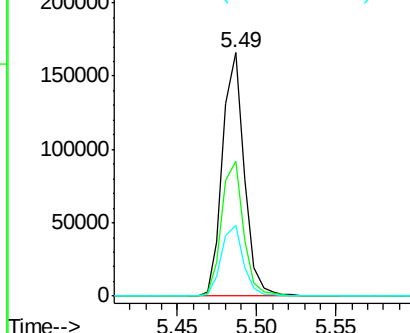
#5

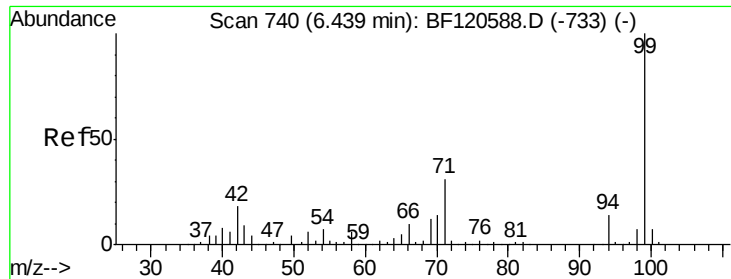
2-Fluorophenol
Concen: 20.926 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.08 min
Lab File: BF120733.D
Acq: 29 Jun 2020 17:53

Tgt Ion:112 Resp: 158862
Ion Ratio Lower Upper
112 100
64 55.5 42.2 63.2
63 29.2 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: 26.181 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

Instrument :

BNA_F

ClientSampleId :

WC-20200626

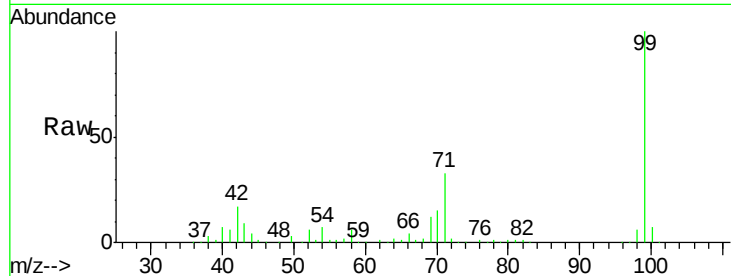
Tot Ion: 99 Resp: 247551

Ion Ratio Lower Upper

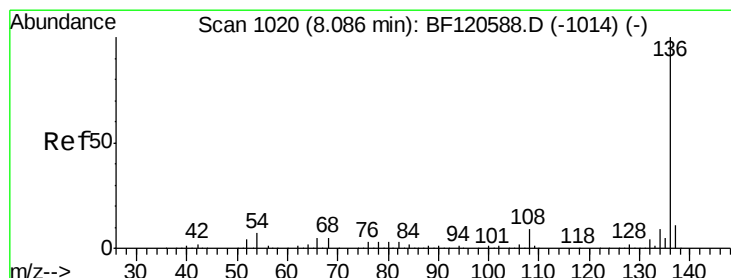
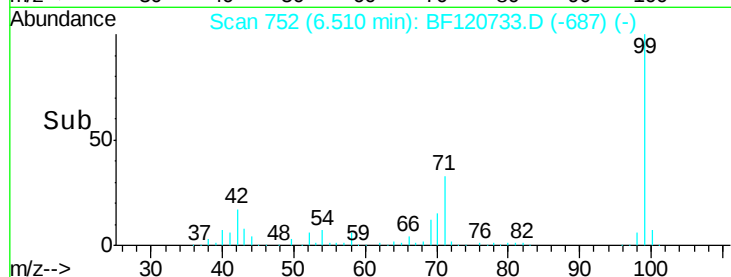
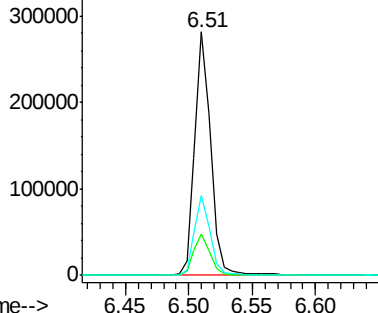
99 100

42 17.0 14.2 21.4

71 33.0 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

Tgt Ion: 136 Resp: 187484

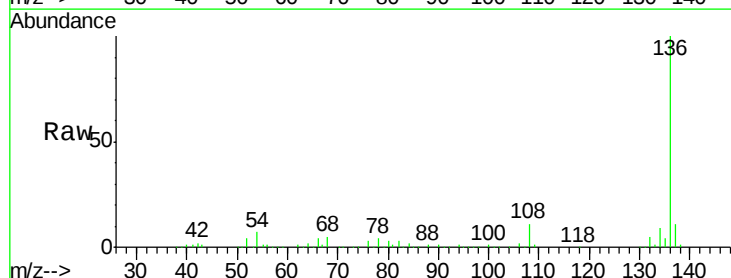
Ion Ratio Lower Upper

136 100

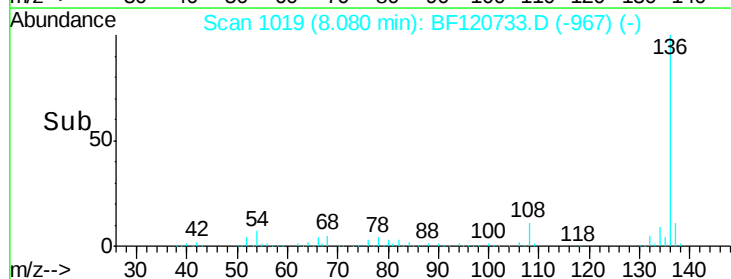
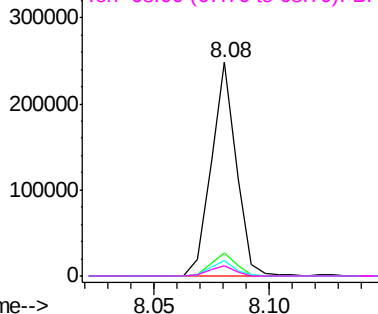
137 10.8 8.6 12.8

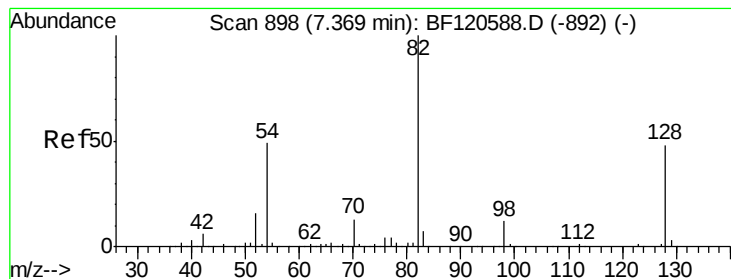
54 6.9 5.3 7.9

68 5.0 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: 120.320 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

Instrument :

BNA_F

ClientSampleId :

WC-20200626

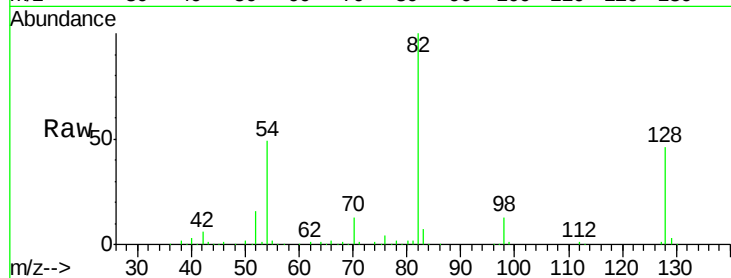
Tot Ion: 82 Resp: 403566

Ion Ratio Lower Upper

82 100

128 46.2 38.1 57.1

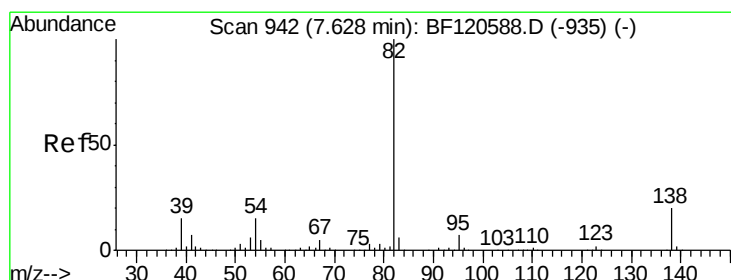
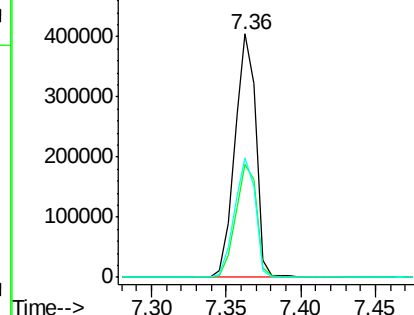
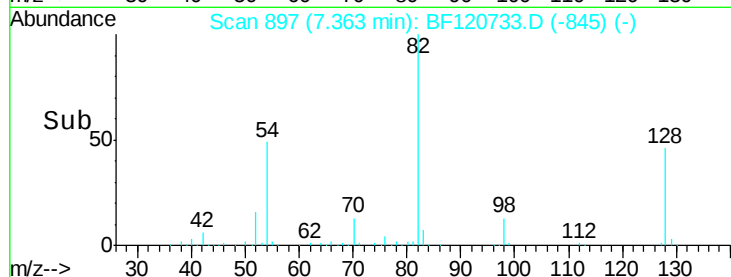
54 48.8 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 61.766 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

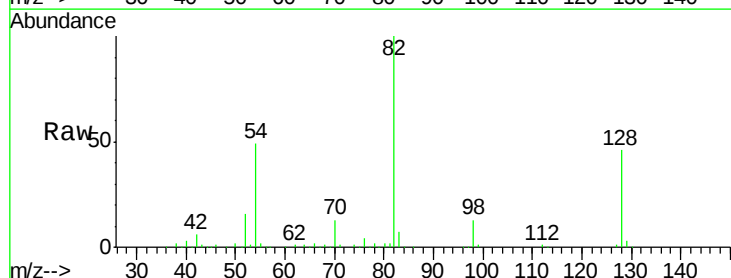
Tgt Ion: 82 Resp: 403557

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

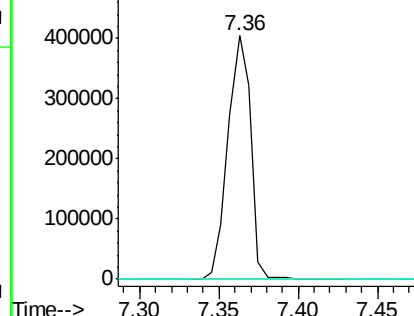
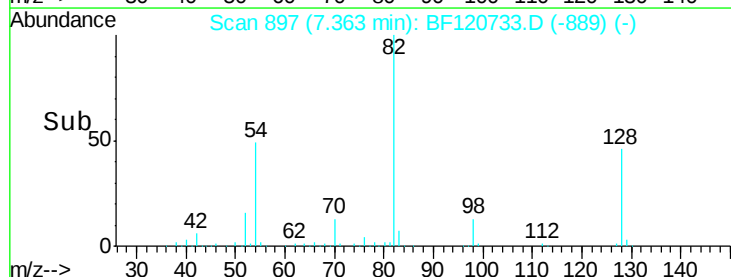
138 0.0 16.1 24.1#

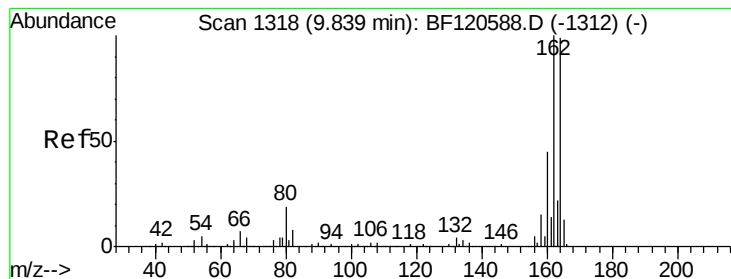


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1317

Delta R.T. 0.01 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

Instrument :

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WC-20200626

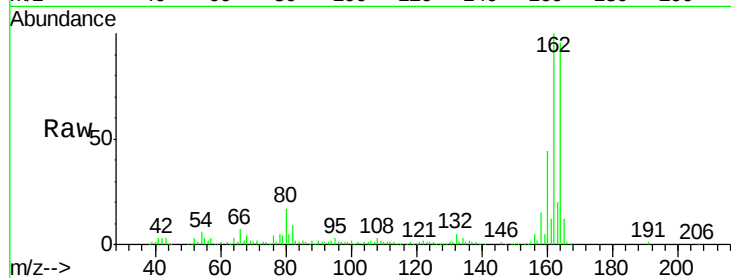
Tot Ion:164 Resp: 97164

Ion Ratio Lower Upper

164 100

162 104.1 81.4 122.0

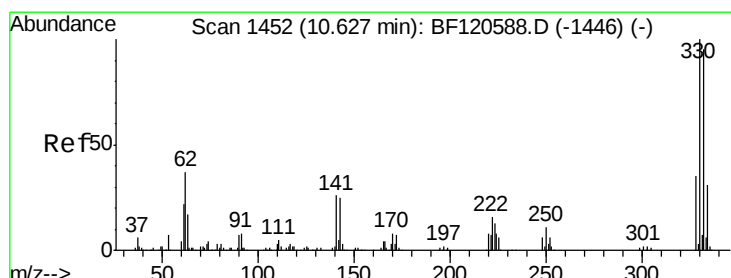
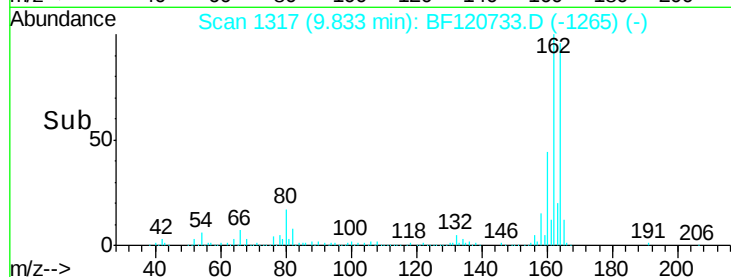
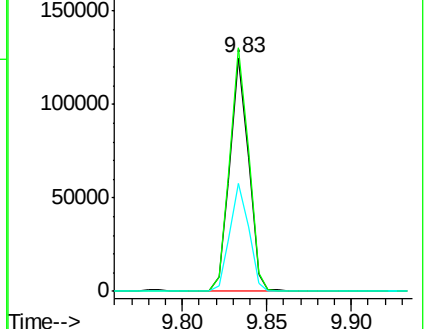
160 46.3 36.6 55.0



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: 224.867 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.02 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

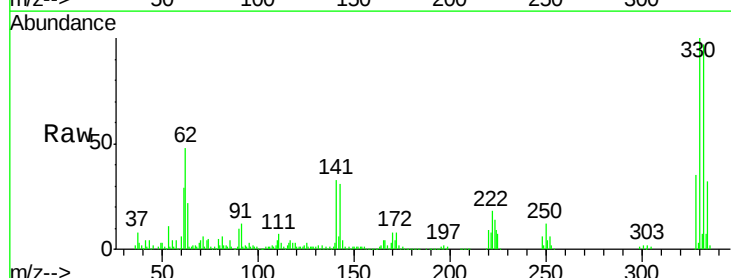
Tgt Ion:330 Resp: 254025

Ion Ratio Lower Upper

330 100

332 94.7 76.4 114.6

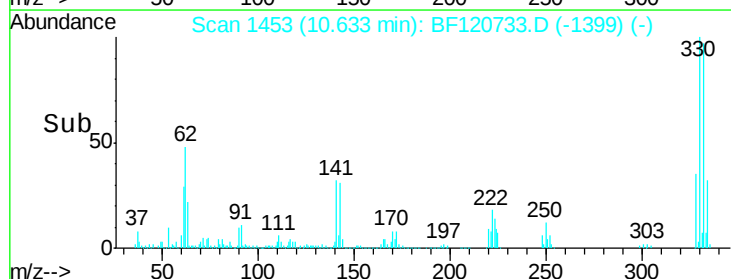
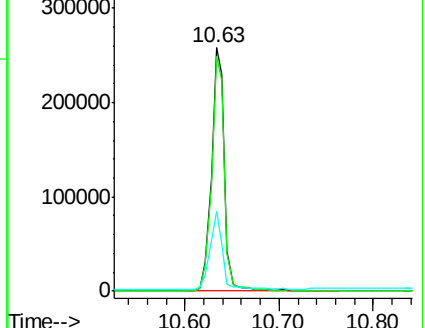
141 30.1 23.0 34.6

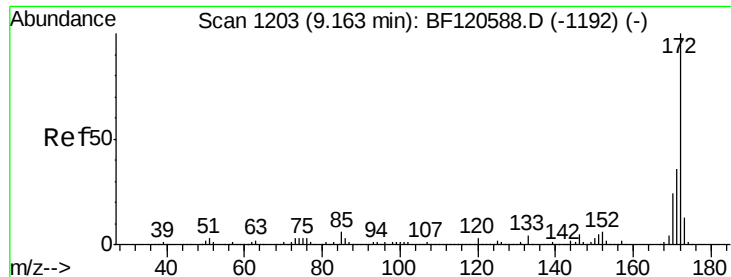


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

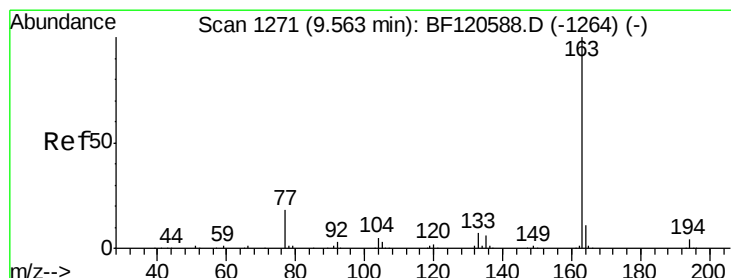
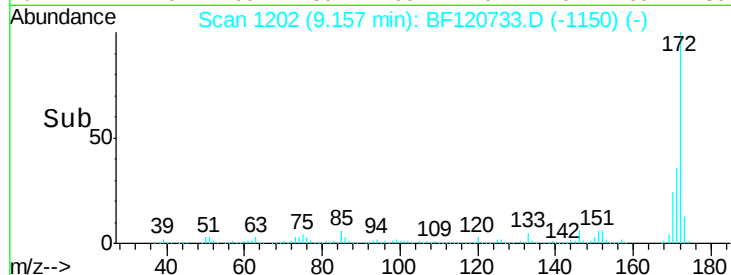
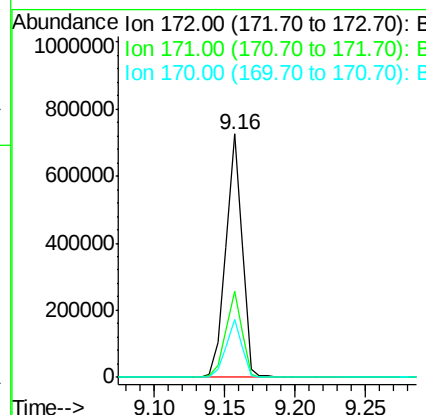
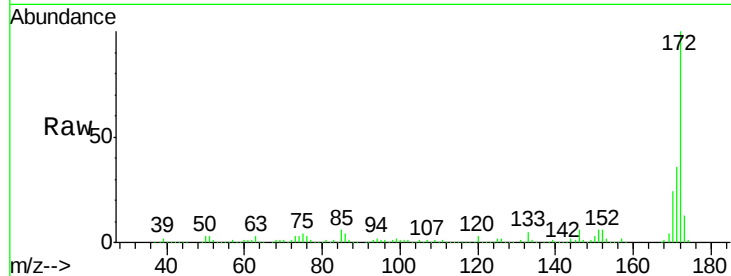




#45
2-Fluorobiphenyl
Concen: 92.676 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF120733.D
Acq: 29 Jun 2020 17:53

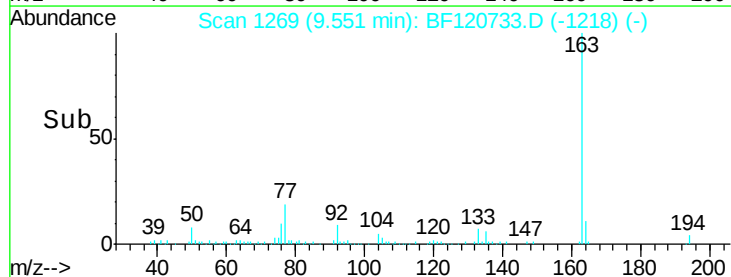
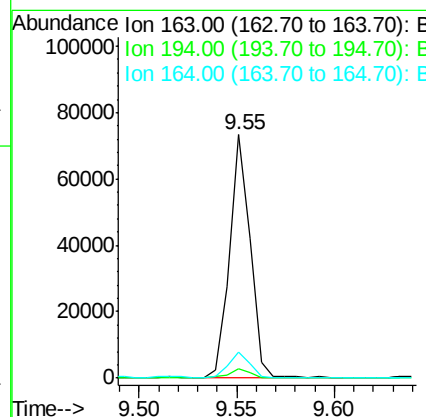
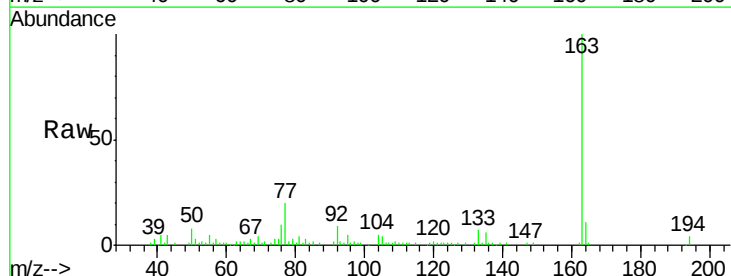
Instrument :
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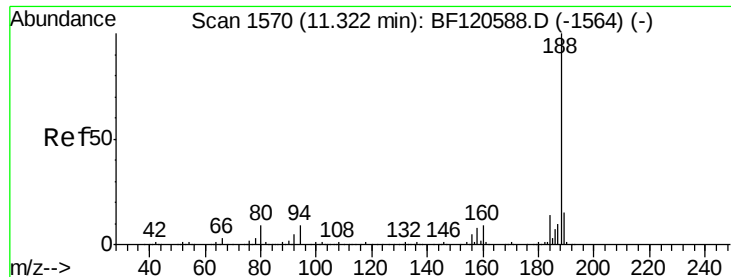
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.8	19.1	28.7



#50
Dimethylphthalate
Concen: 7.680 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF120733.D
Acq: 29 Jun 2020 17:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.5	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

Instrument :

BNA_F

ClientSampleId :

WC-20200626

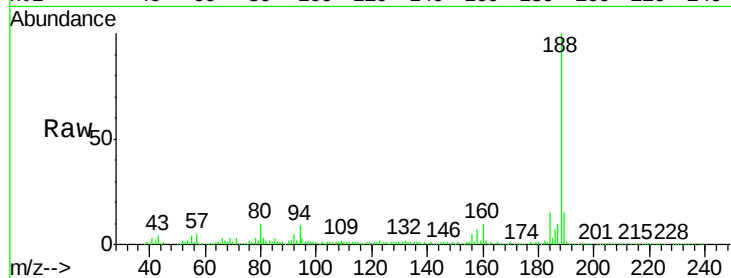
Tot Ion:188 Resp: 338644

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

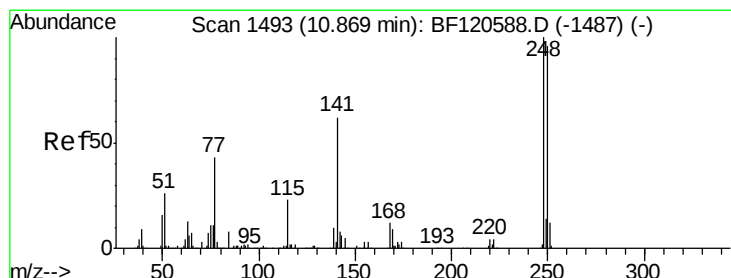
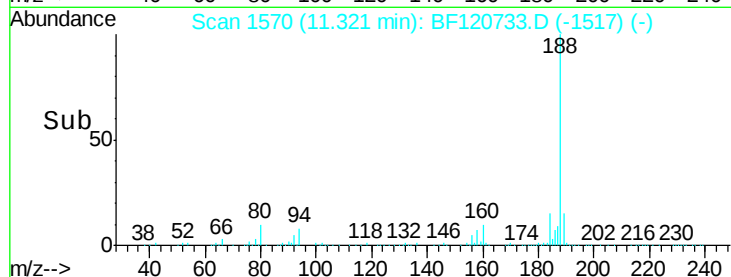
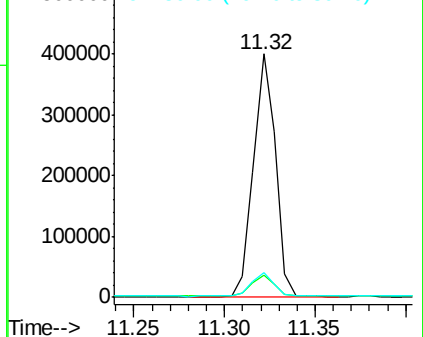
80 10.1 7.7 11.5



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: 3.845 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.22 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

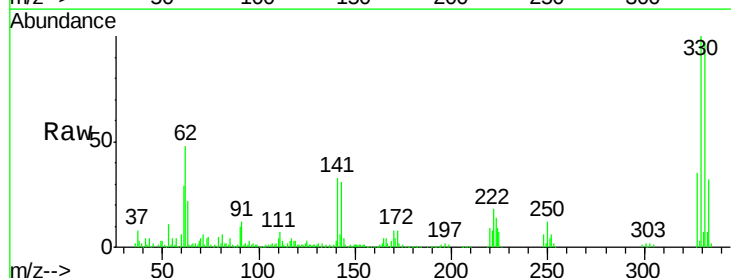
Tgt Ion:248 Resp: 14779

Ion Ratio Lower Upper

248 100

250 197.4 77.8 116.6#

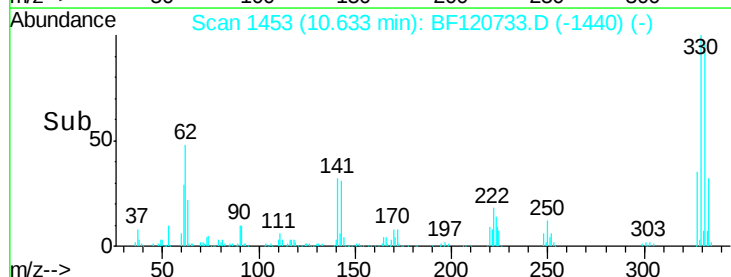
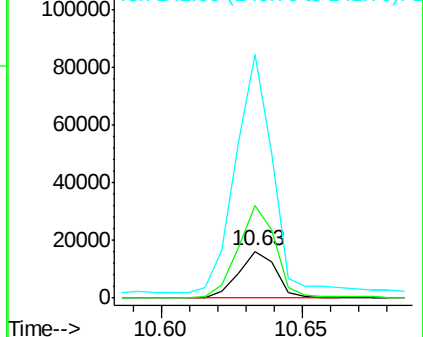
141 517.3 52.0 78.0#

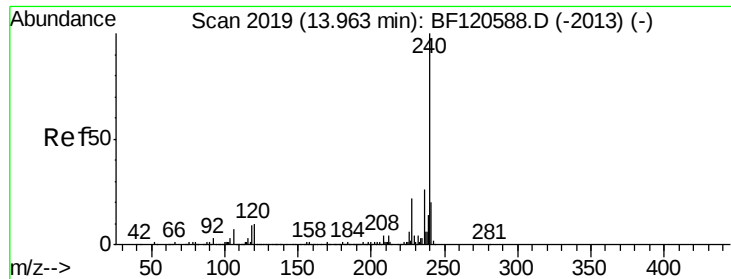


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

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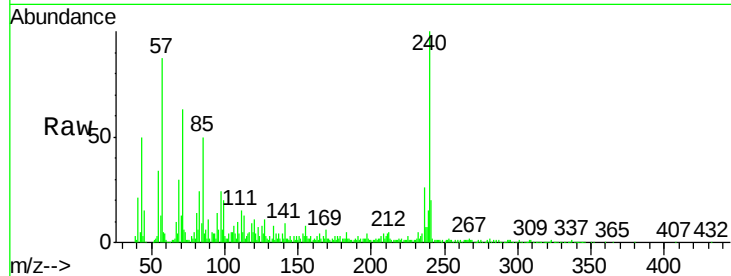
Tot Ion:240 Resp: 116608

Ion Ratio Lower Upper

240 100

120 11.2 7.6 11.4

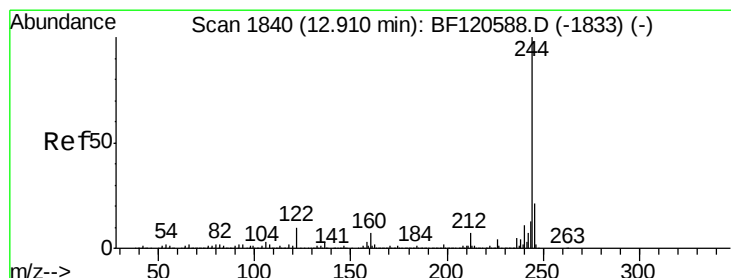
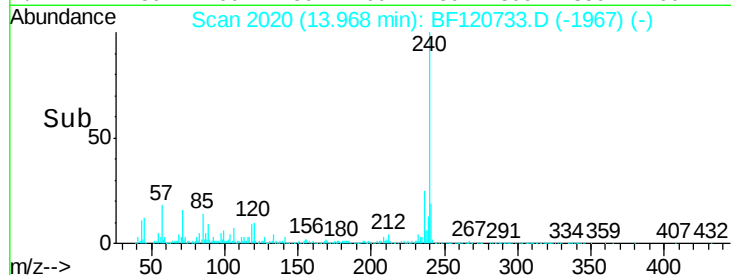
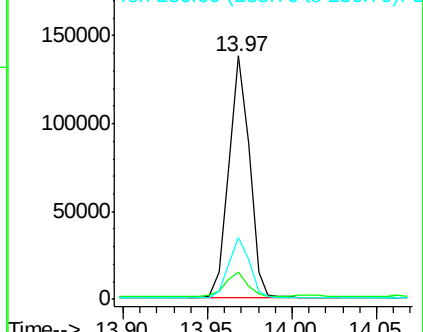
236 25.5 21.0 31.4



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: 111.750 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.02 min

Lab File: BF120733.D

Acq: 29 Jun 2020 17:53

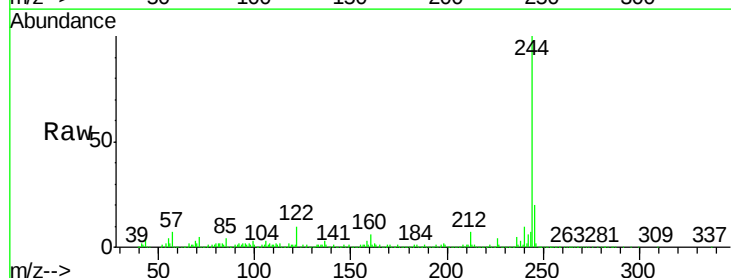
Tgt Ion:244 Resp: 589934

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

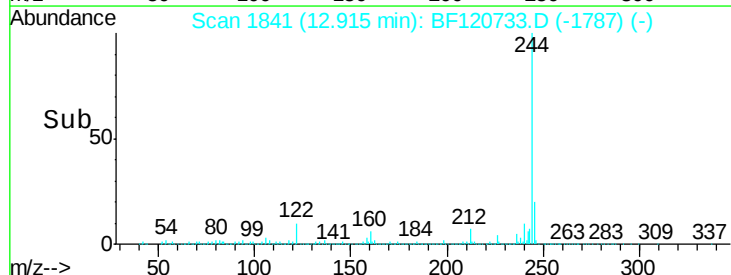
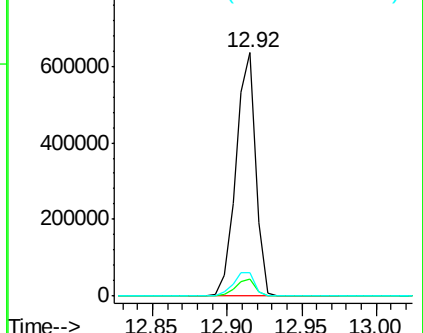
122 9.9 8.8 13.2

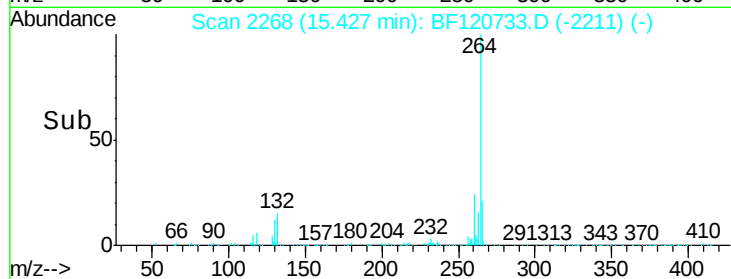
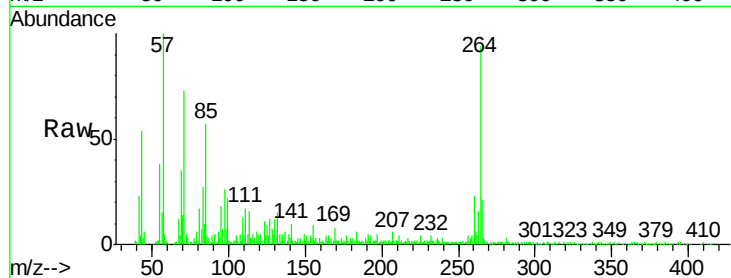
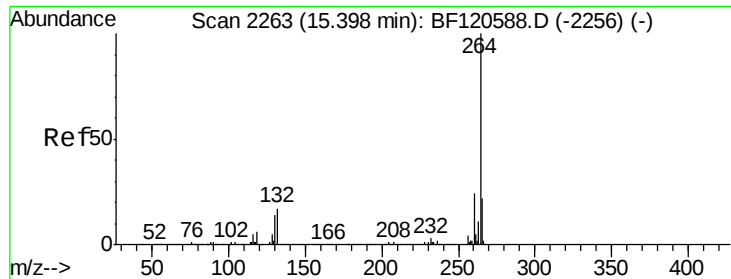


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.04 min
Lab File: BF120733.D
Acq: 29 Jun 2020 17:53

Instrument :
BNA_F
ClientSampleId :
WC-20200626

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.0	17.4	26.0

