

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120664.D
 Acq On : 19 Jun 2020 15:27
 Operator : JU/CG
 Sample : L3020-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(13-15)

Quant Time: Jun 19 16:23:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

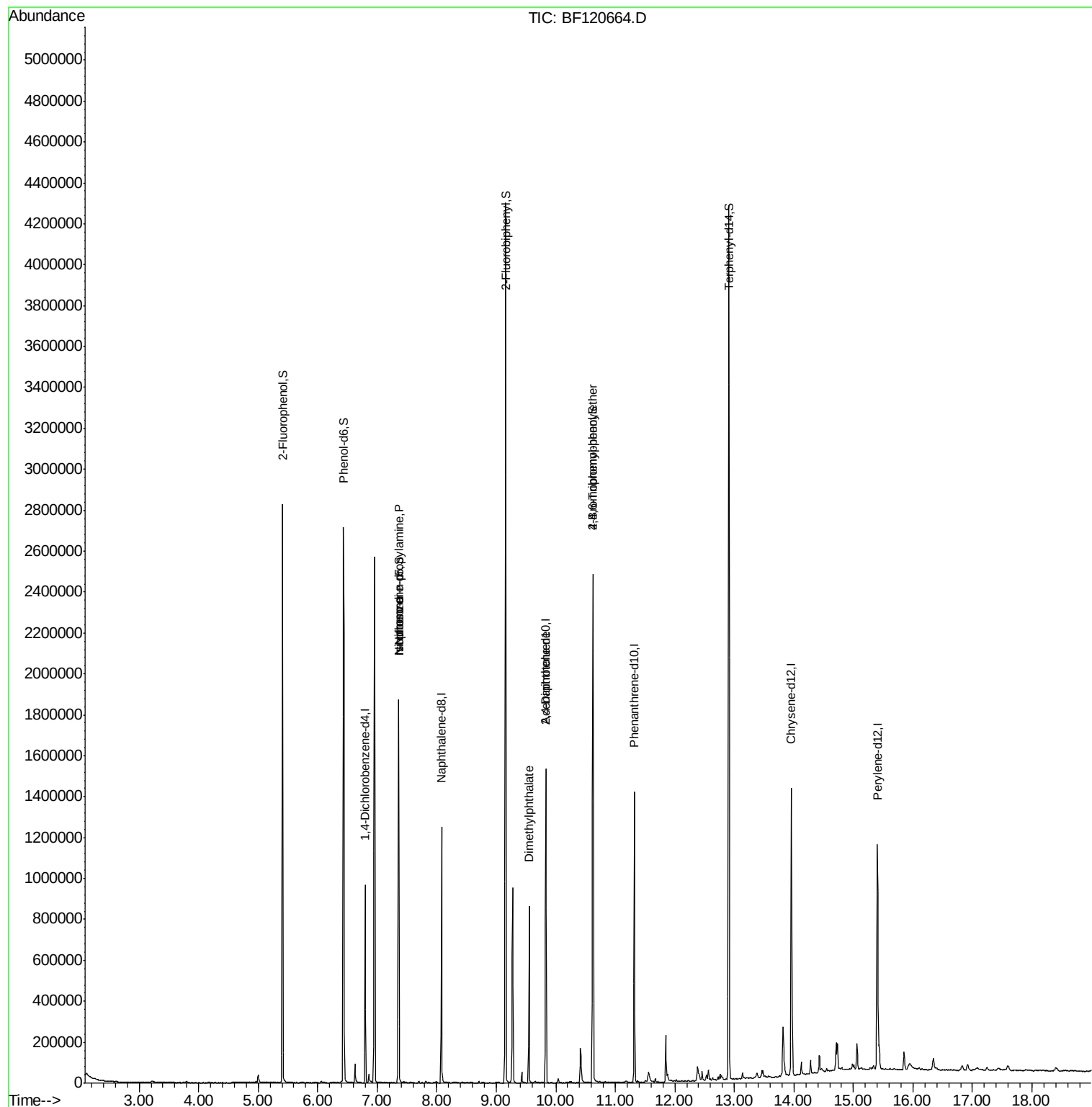
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138290	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	531619	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	280322	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	558442	20.00	ng	0.00
76) Chrysene-d12	13.96	240	491045	20.00	ng	0.00
86) Perylene-d12	15.40	264	506143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	796283	98.72	ng	0.00
7) Phenol-d6	6.43	99	1019403	101.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	652109	68.57	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	341479	104.78	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1263966	68.99	ng	0.00
79) Terphenyl-d14	12.91	244	1638885	73.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	84980	14.583	ng	# 80
25) Isophorone	7.36	82	649058	35.034	ng	# 62
50) Dimethylphthalate	9.55	163	333246	16.506	ng	98
57) 2,4-Dinitrotoluene	9.83	165	35836	5.903	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	20680	3.263	ng	# 1

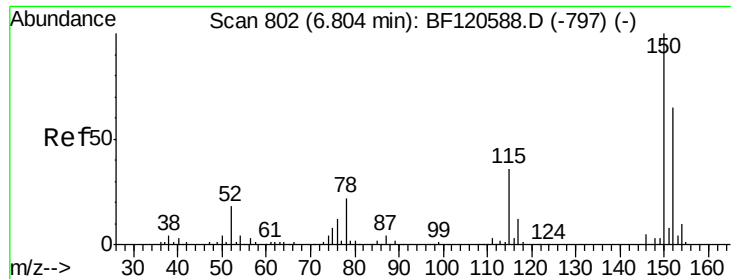
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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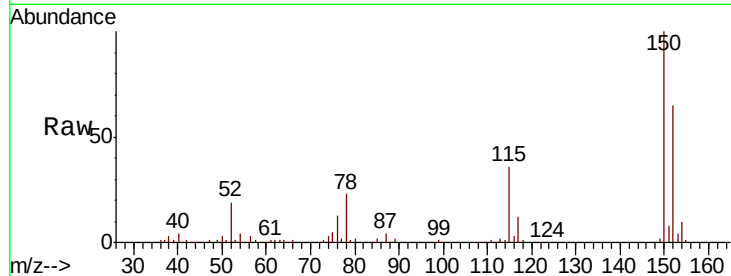


#1

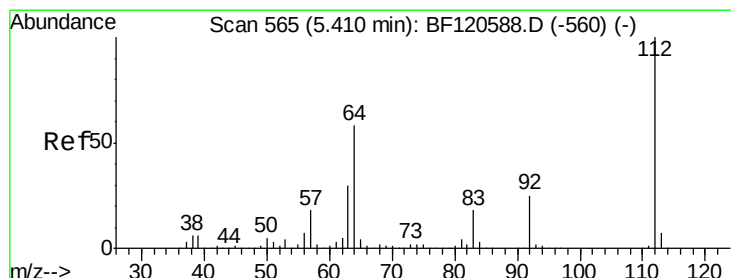
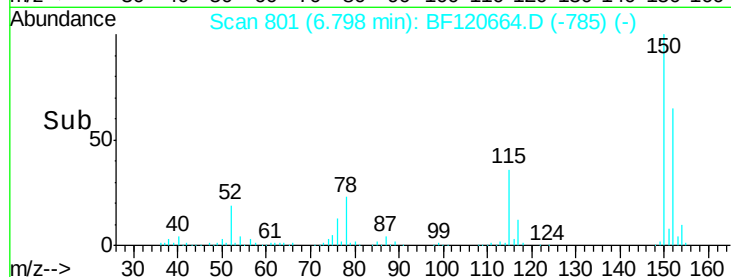
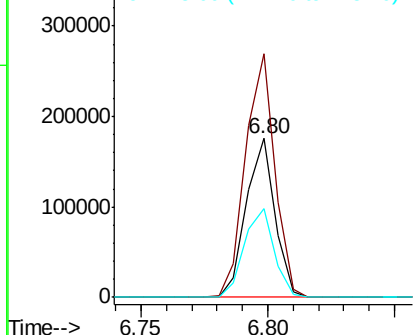
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MW-27(13-15)

Tot Ion:152 Resp: 138290
Ion Ratio Lower Upper
152 100
150 153.1 123.2 184.8
115 55.8 43.9 65.9



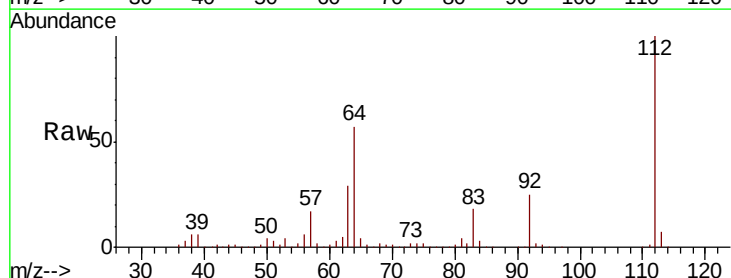
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



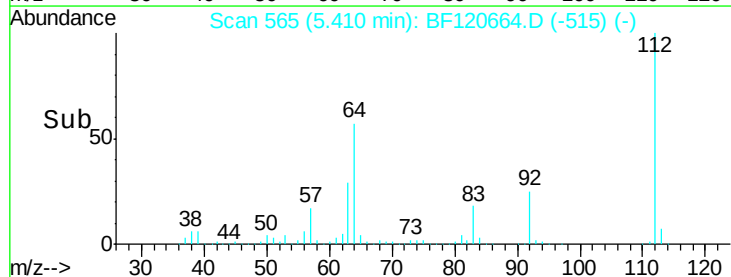
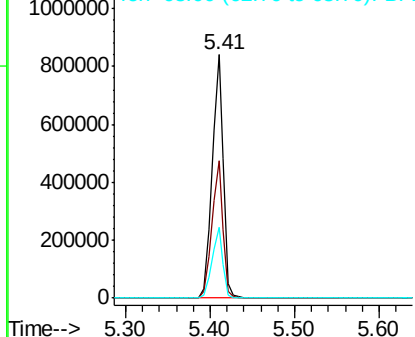
#5

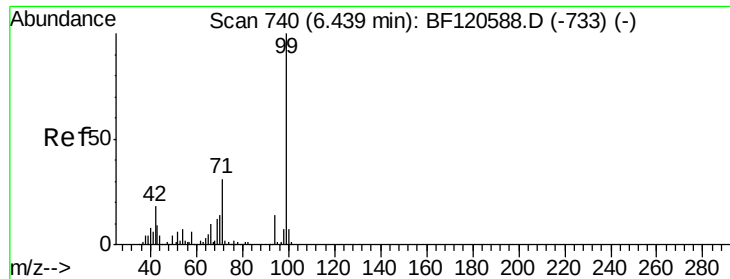
2-Fluorophenol
Concen: 98.719 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Tgt Ion:112 Resp: 796283
Ion Ratio Lower Upper
112 100
64 56.6 46.1 69.1
63 28.9 23.7 35.5



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: 101.470 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MW-27(13-15)

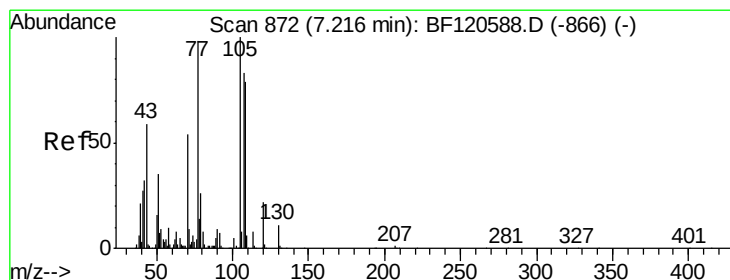
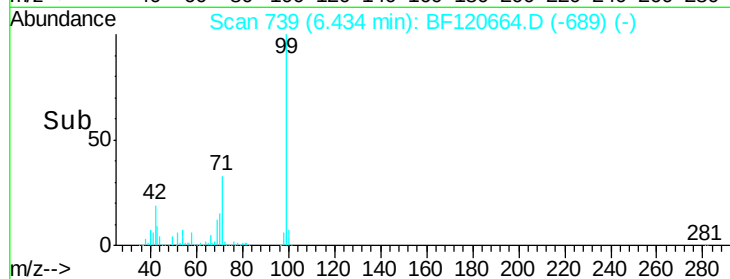
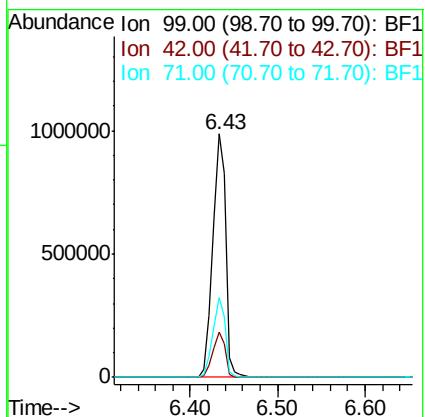
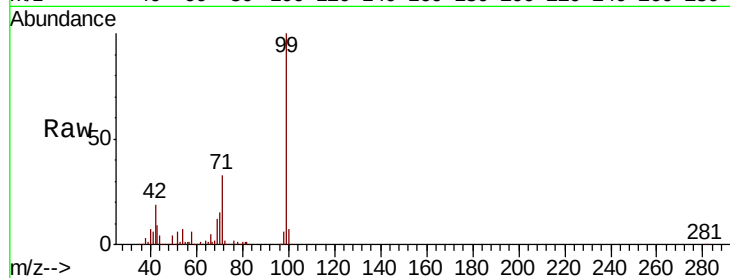
Tot Ion: 99 Resp: 1019403

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

71 32.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.583 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Tgt Ion: 70 Resp: 84980

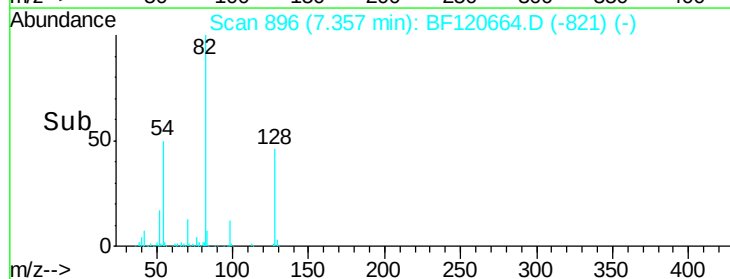
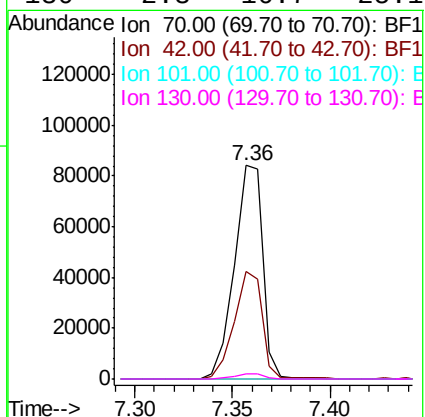
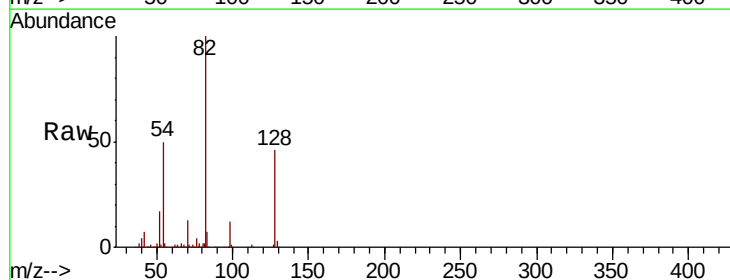
Ion Ratio Lower Upper

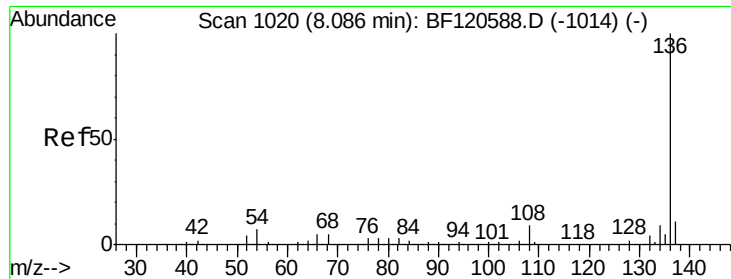
70 100

42 50.5 47.7 71.5

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

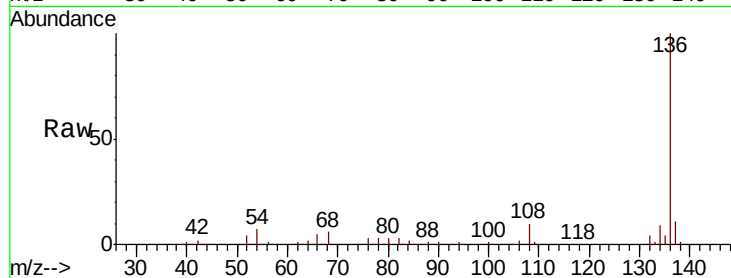




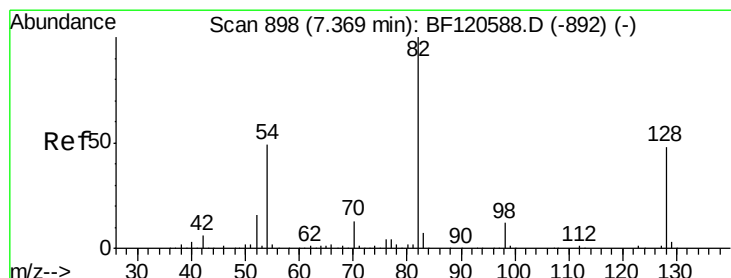
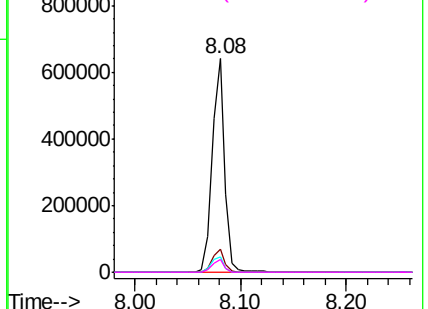
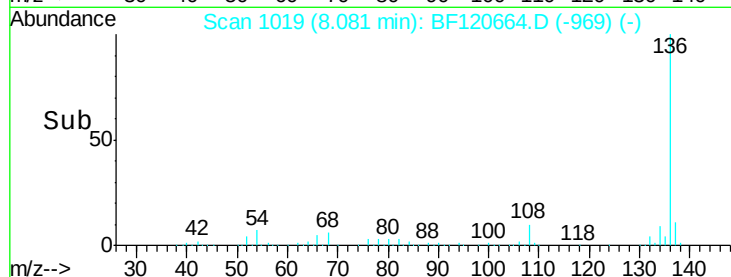
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MW-27(13-15)

Tot Ion:136	Resp:	531619
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	7.1	5.8 8.6
68	5.8	4.4 6.6

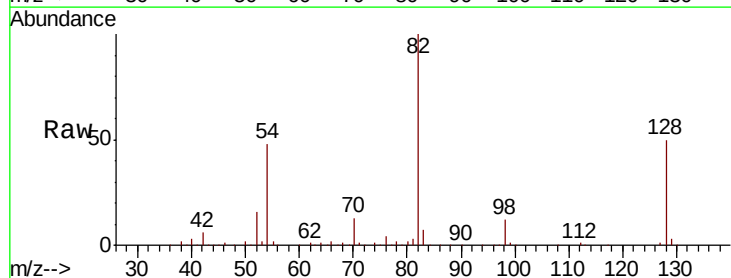


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

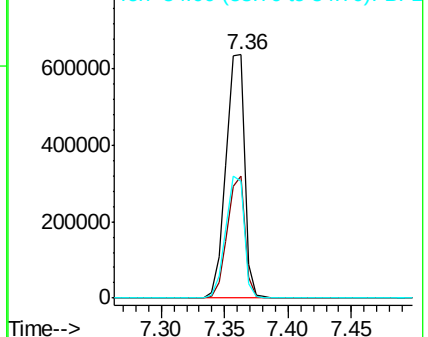
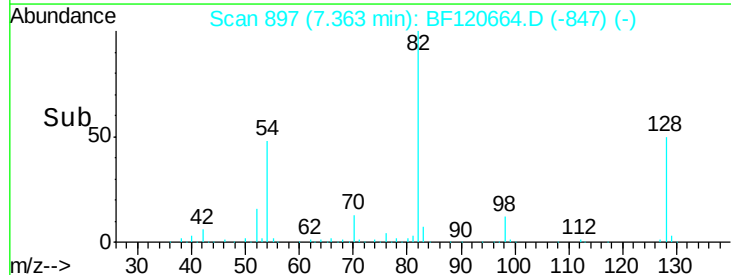


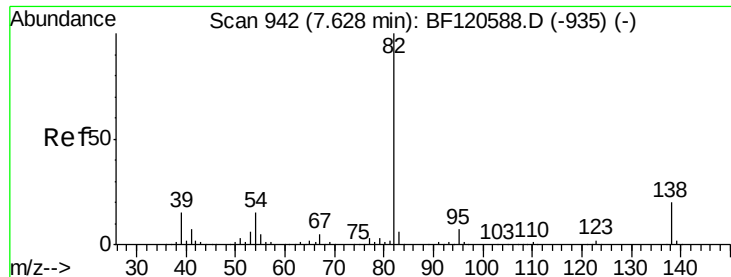
#23
Nitrobenzene-d5
Concen: 68.566 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 82	Resp:	652109
Ion	Ratio	Lower Upper
82	100	
128	50.3	38.0 57.0
54	48.3	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: 35.034 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MW-27(13-15)

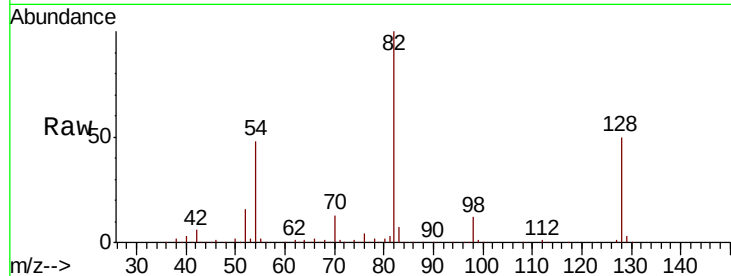
Tot Ion: 82 Resp: 649058

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

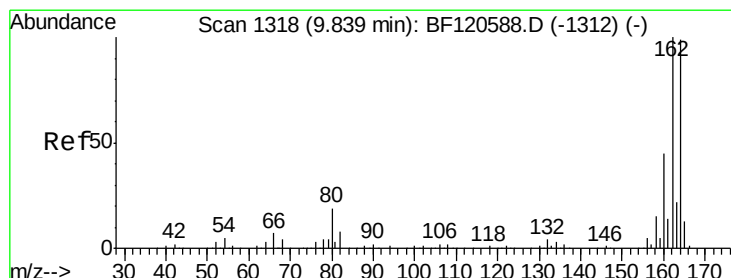
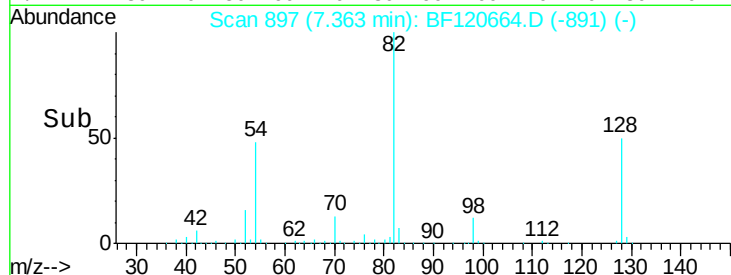
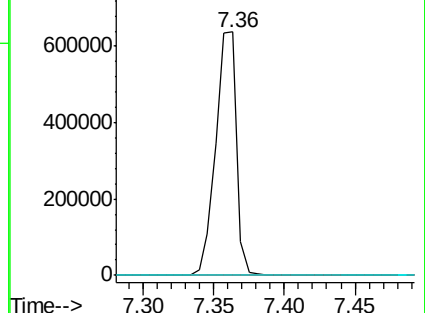
138 0.0 16.2 24.4#



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: BF120664.D

Acq: 19 Jun 2020 15:27

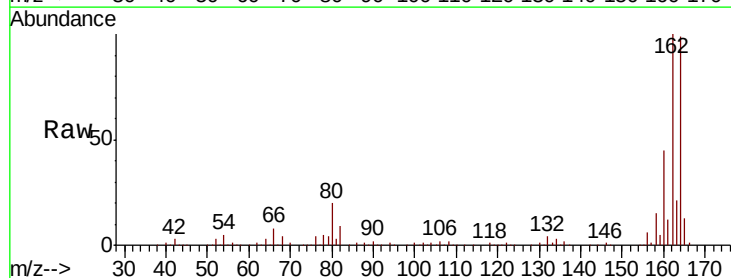
Tgt Ion: 164 Resp: 280322

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

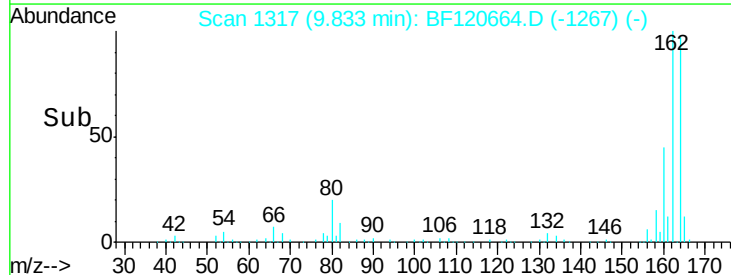
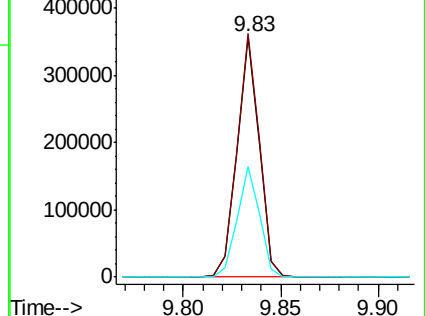
160 45.9 36.2 54.2

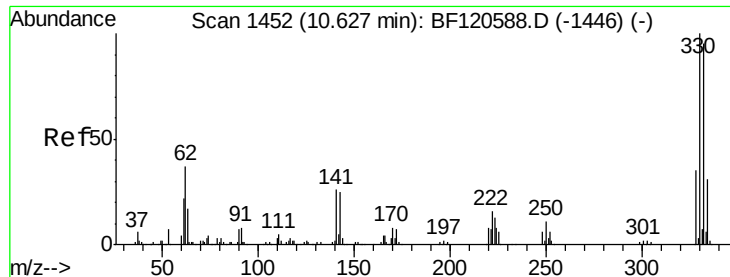


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

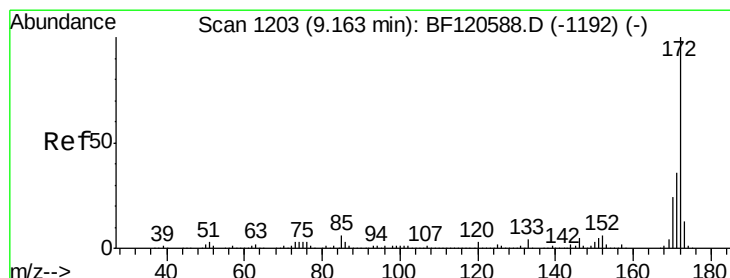
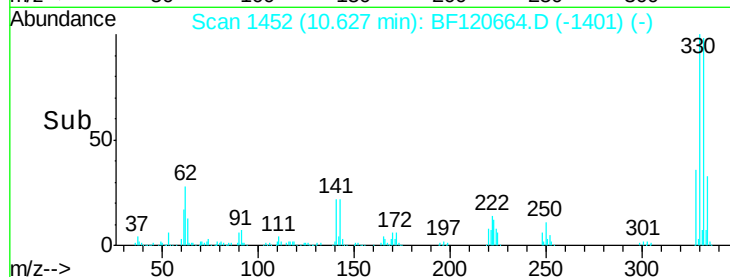
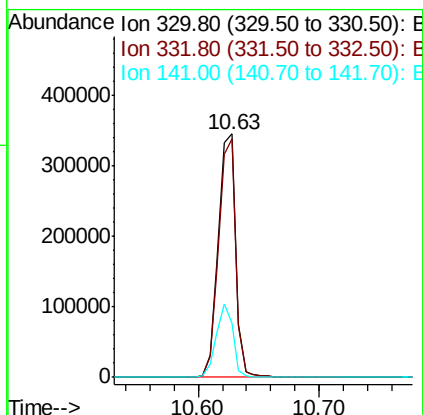
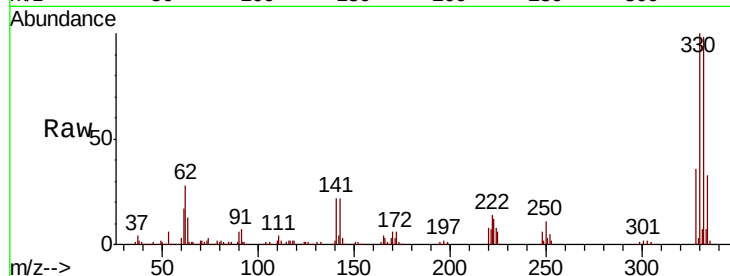




#42
2,4,6-Tribromophenol
Concen: 104.776 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

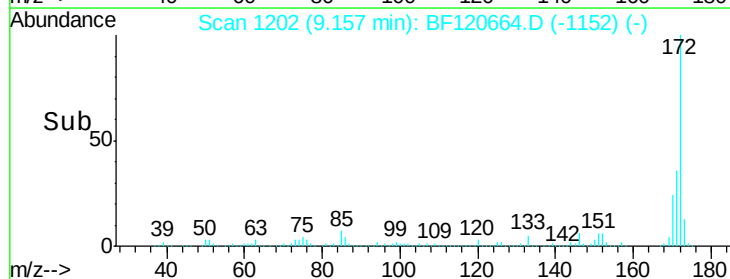
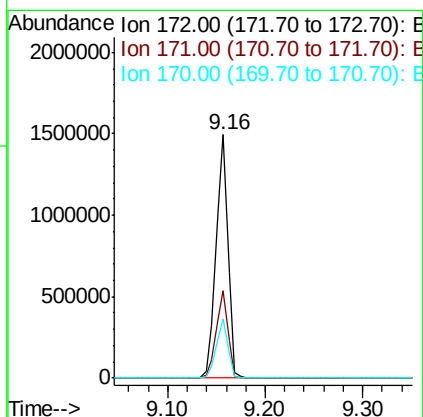
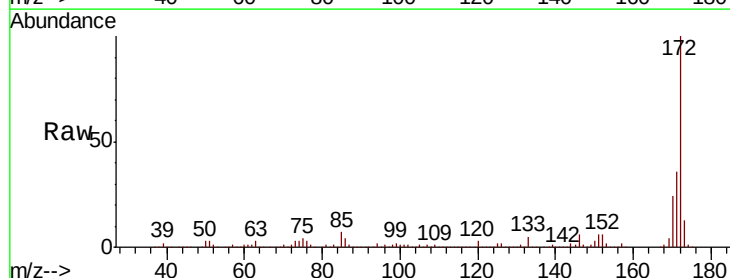
Instrument :
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MW-27(13-15)

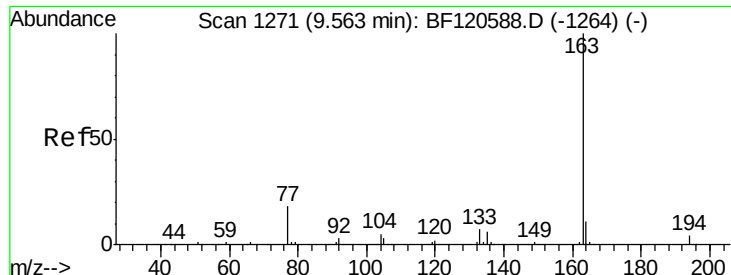
Tot Ion:330 Resp: 341479
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 29.1 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 68.987 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Tgt Ion:172 Resp: 1263966
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.2 19.4 29.2

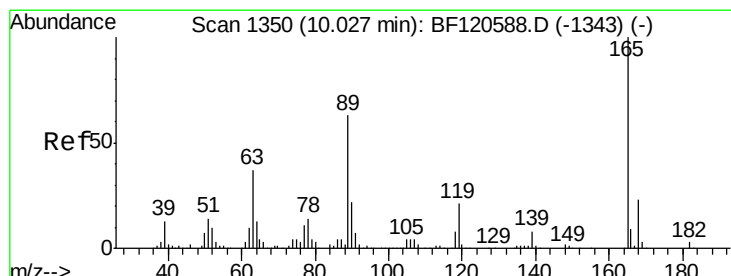
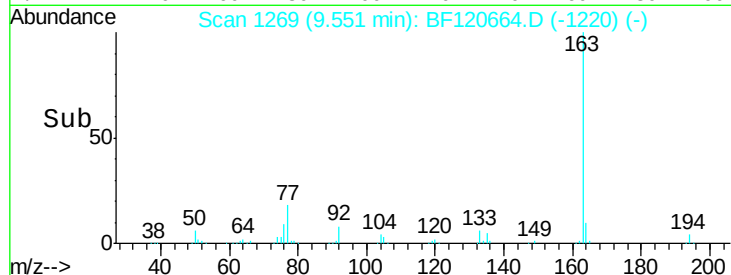
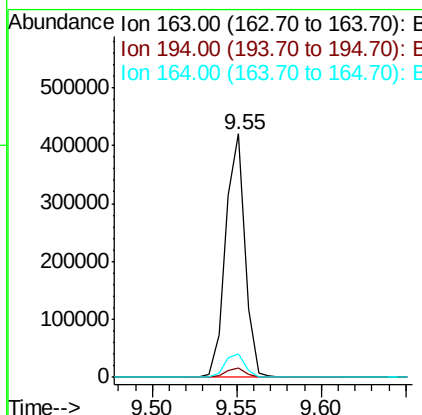
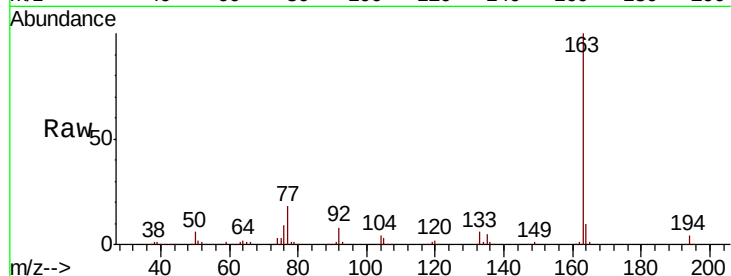




#50
Dimethylphthalate
Concen: 16.506 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

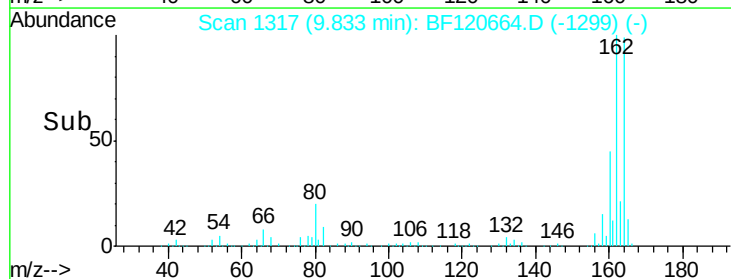
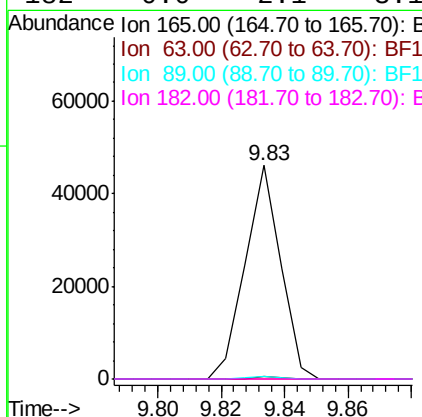
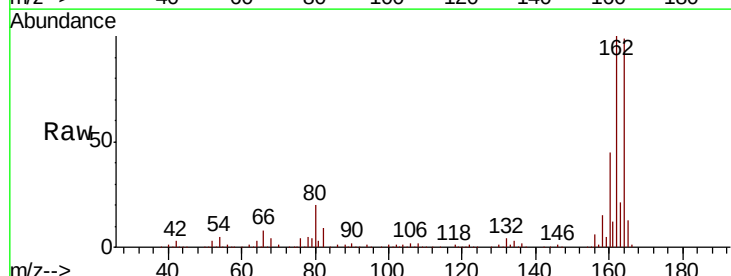
Instrument :
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ClientSampleId :
MW-27(13-15)

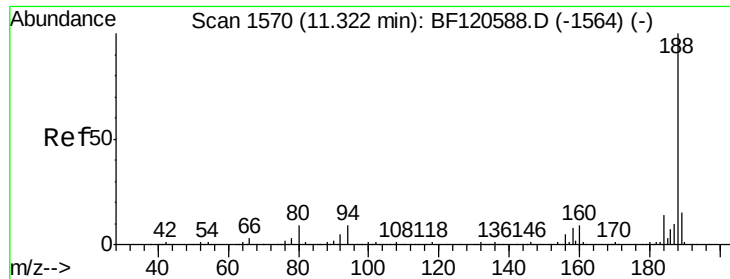
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.8	8.5	12.7



#57
2,4-Dinitrotoluene
Concen: 5.903 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.1	50.4	75.6#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MW-27(13-15)

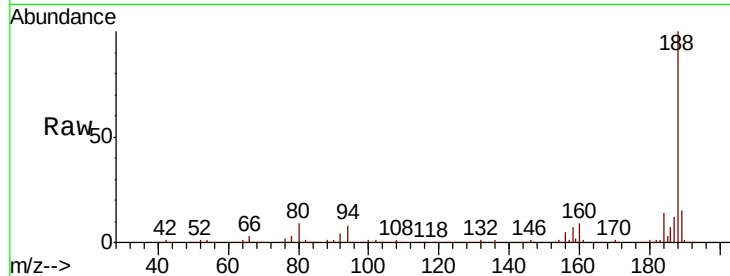
Tot Ion:188 Resp: 558442

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

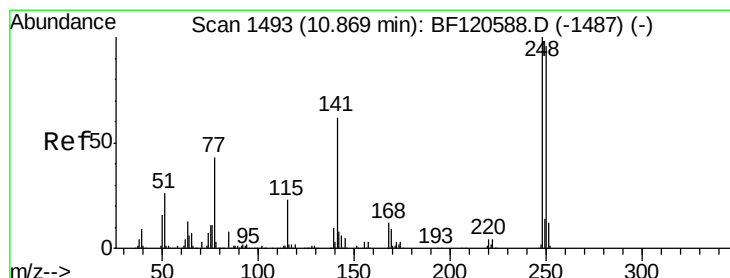
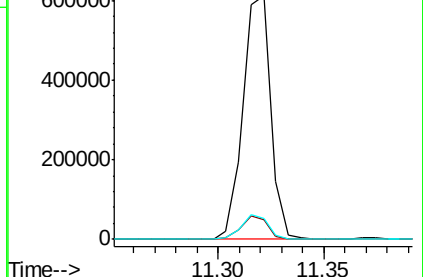
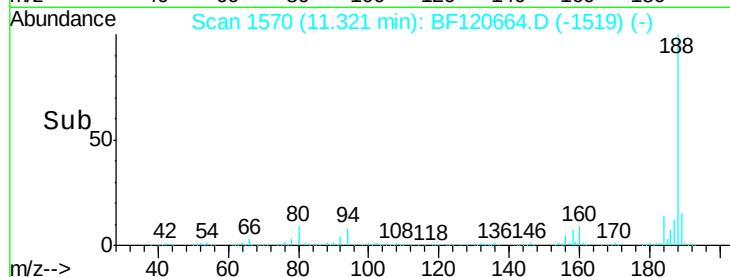
80 8.6 7.4 11.2



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: 3.263 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

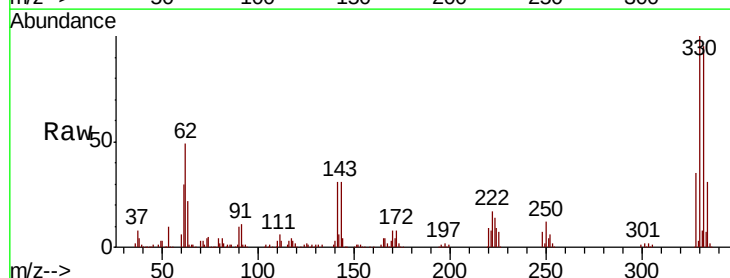
Tgt Ion:248 Resp: 20680

Ion Ratio Lower Upper

248 100

250 183.9 76.7 115.1#

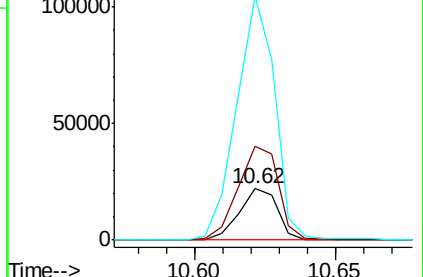
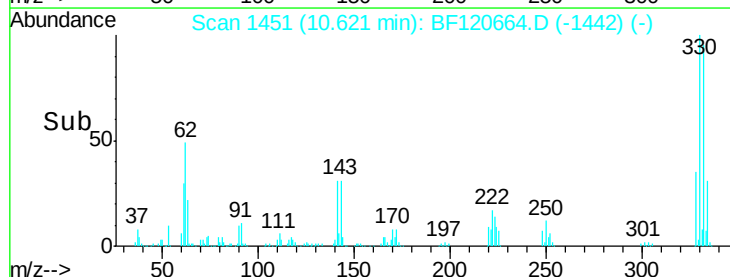
141 474.1 49.4 74.0#

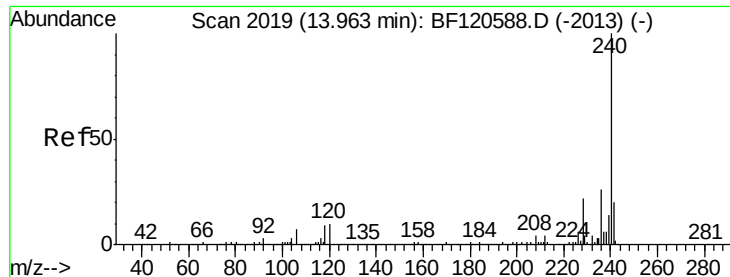


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MW-27(13-15)

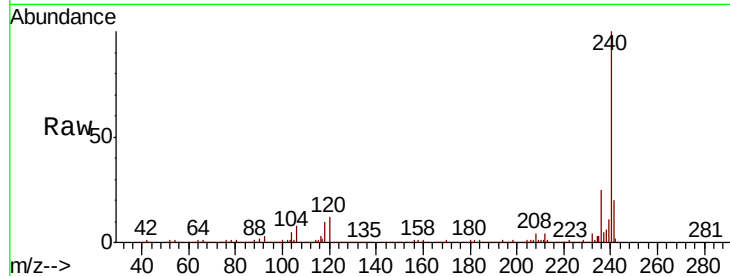
Tot Ion:240 Resp: 491045

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

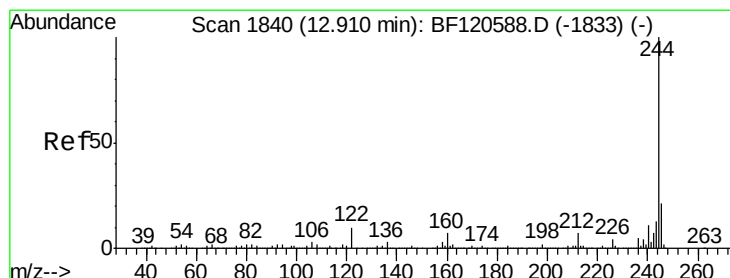
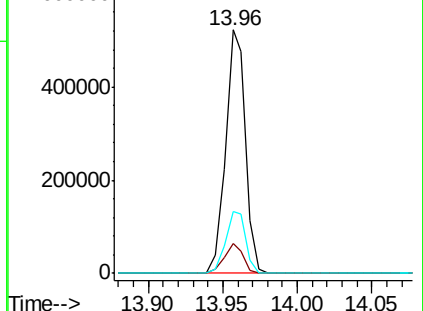
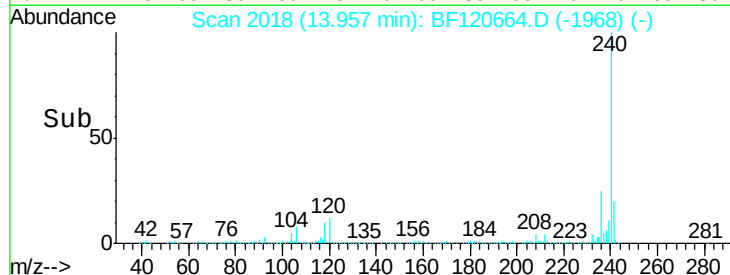
236 25.2 21.0 31.4



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: 73.722 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120664.D

Acq: 19 Jun 2020 15:27

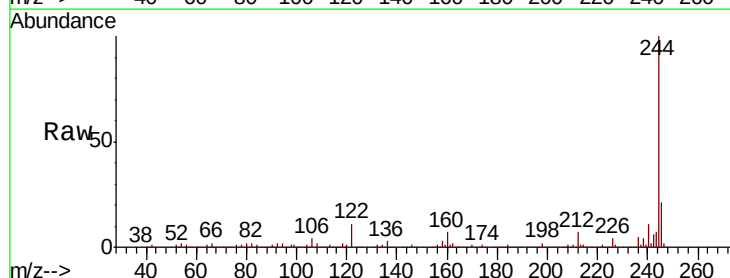
Tgt Ion:244 Resp: 1638885

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

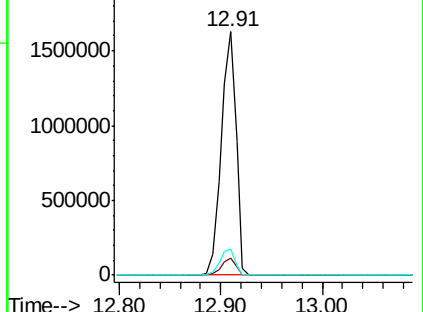
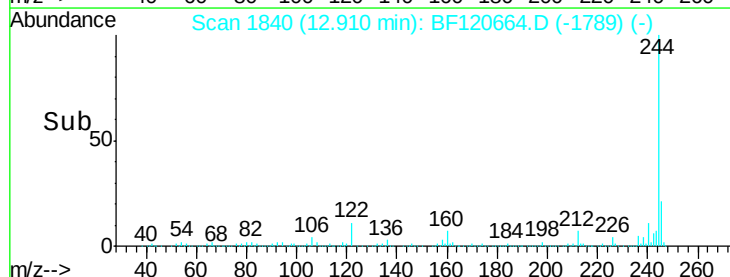
122 10.9 8.3 12.5

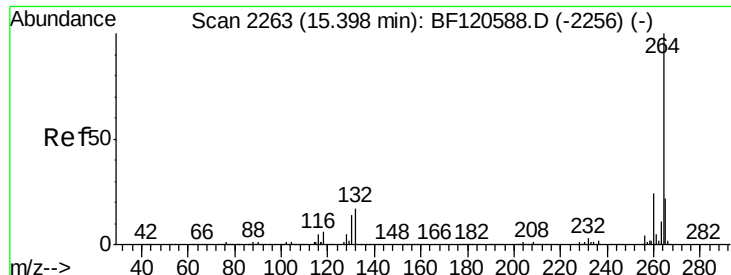


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120664.D
Acq: 19 Jun 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MW-27(13-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.8	17.8	26.8

