

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126846.D
 Acq On : 10 Feb 2022 16:27
 Operator : CG\JU
 Sample : N1359-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19D

Quant Time: Feb 10 17:22:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	110943	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	446591	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	227888	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	402161	20.000	ng	0.00
76) Chrysene-d12	14.110	240	234314	20.000	ng	-0.01
86) Perylene-d12	15.621	264	179817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	443643	61.568	ng	0.00
7) Phenol-d6	6.546	99	385714	39.651	ng	-0.02
23) Nitrobenzene-d5	7.504	82	893170	92.279	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	259036	106.027	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1380474	91.186	ng	0.00
79) Terphenyl-d14	13.057	244	1290469	78.953	ng	0.00

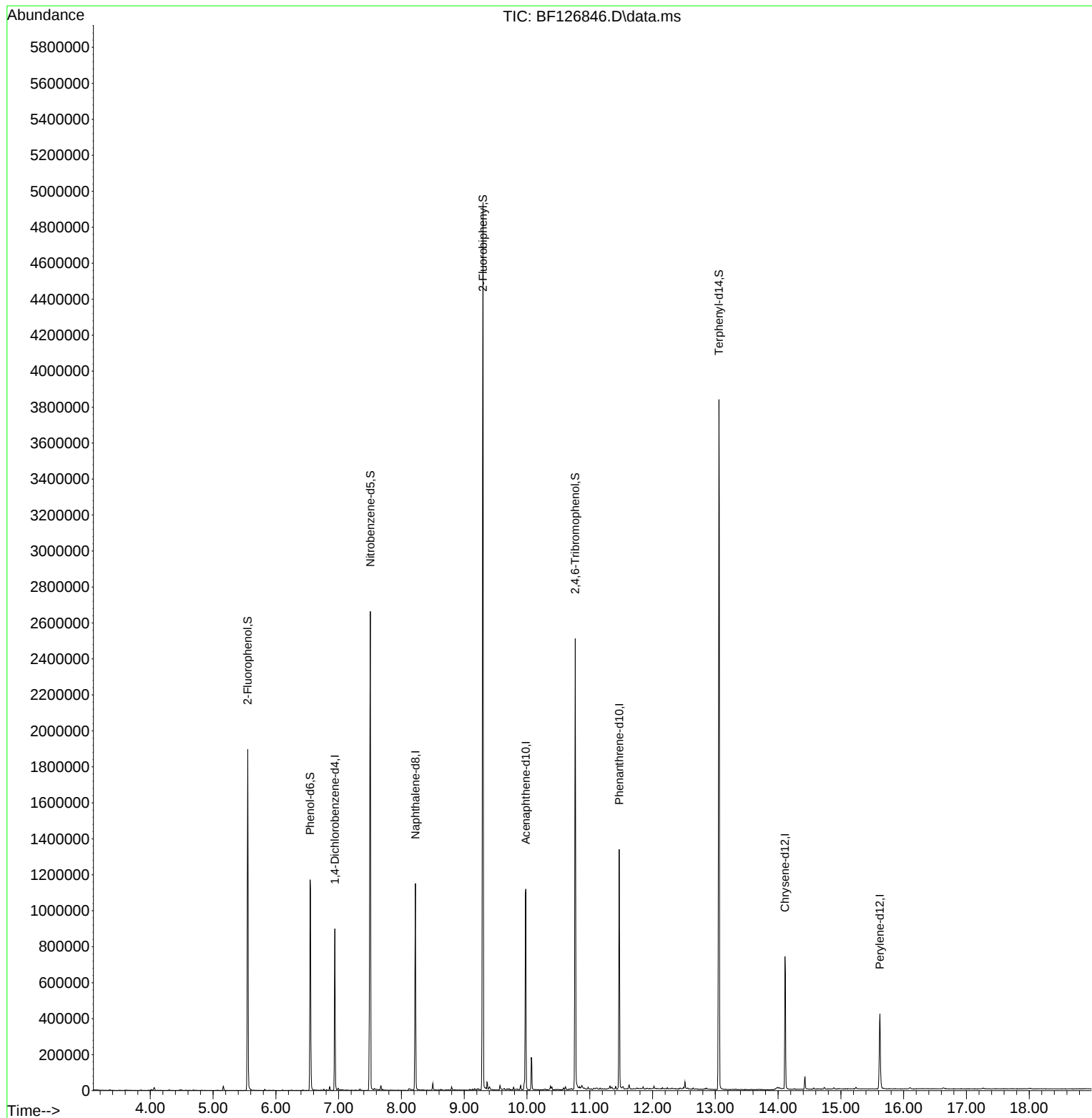
Target Compounds	Qvalue

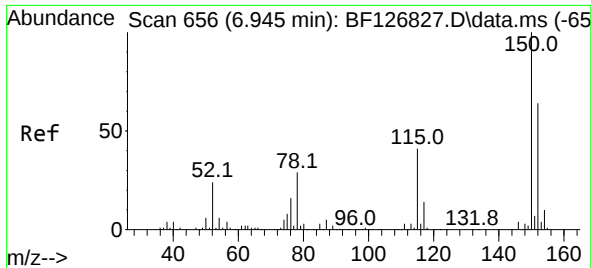
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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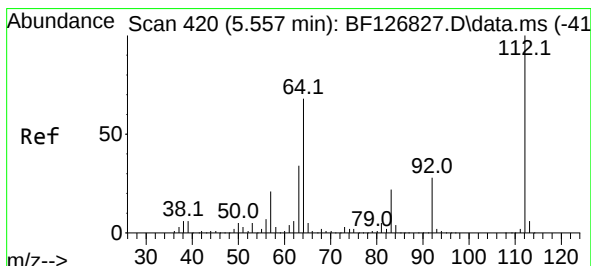
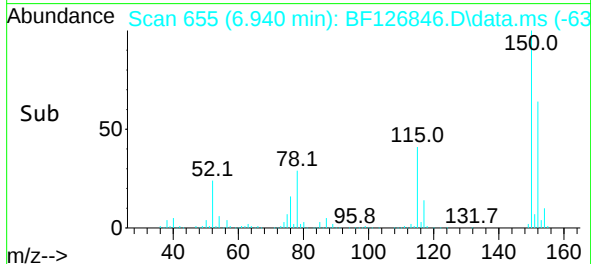
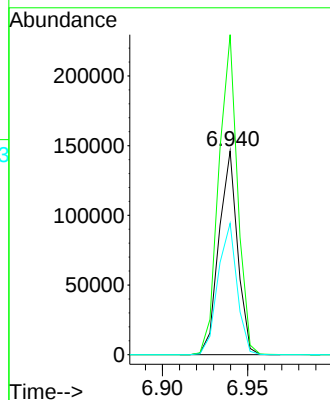
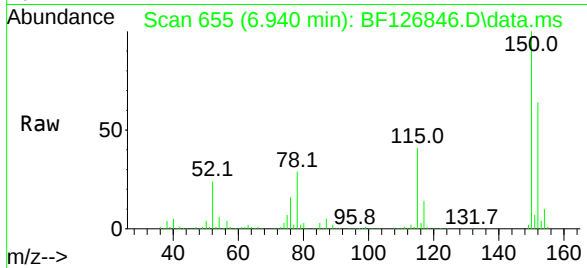




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.005 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

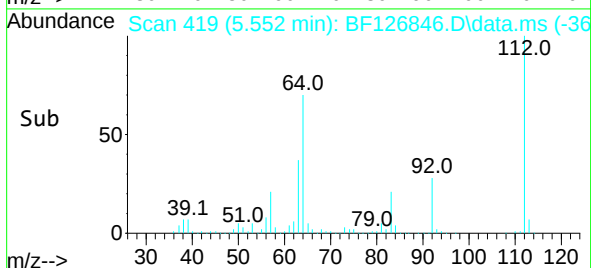
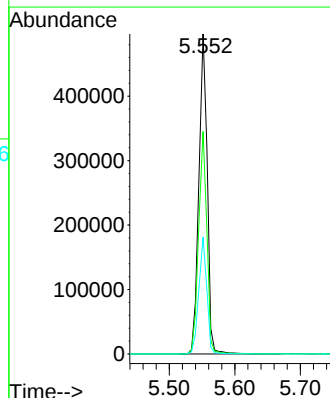
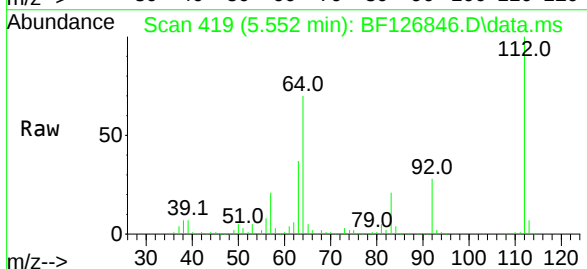
Instrument :
BNA_F
ClientSampleId :
MW-19D

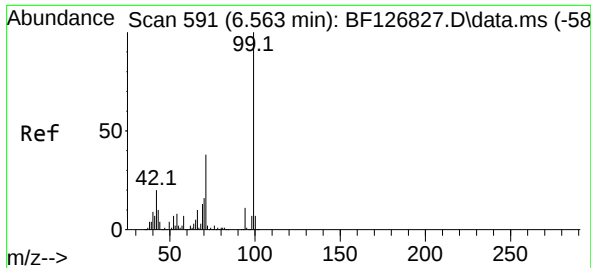
Tgt Ion:152 Resp: 110943
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 64.5 50.5 75.7



#5
2-Fluorophenol
Concen: 61.568 ng
RT: 5.552 min Scan# 419
Delta R.T. -0.006 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion:112 Resp: 443643
Ion Ratio Lower Upper
112 100
64 69.5 54.3 81.5
63 36.5 27.5 41.3

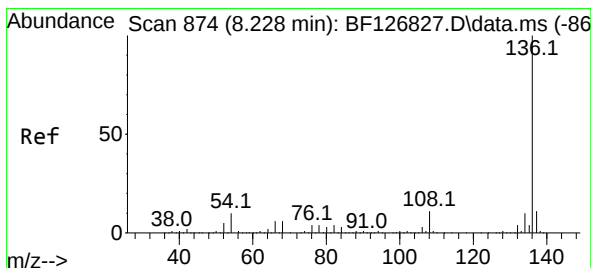
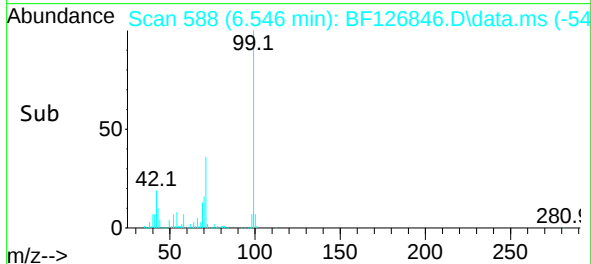
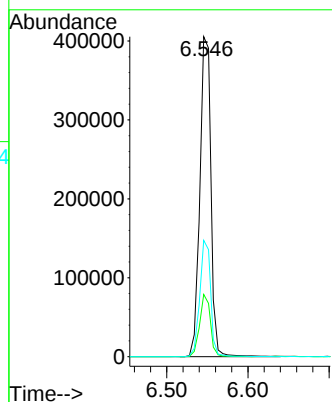
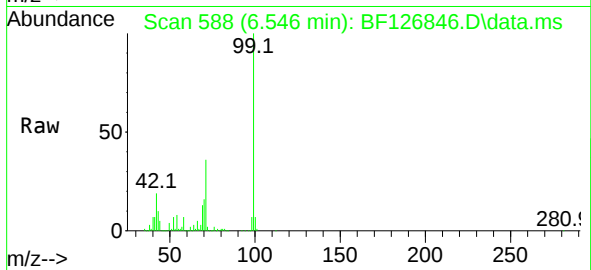




#7
Phenol-d6
Concen: 39.651 ng
RT: 6.546 min Scan# 51
Delta R.T. -0.018 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

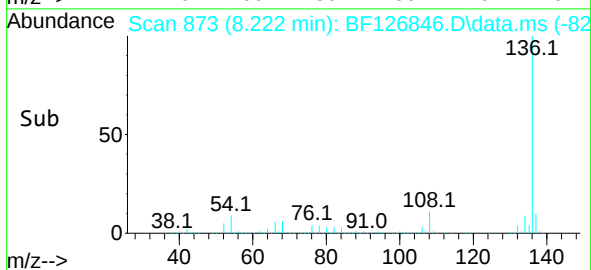
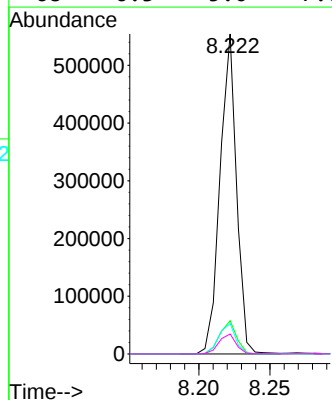
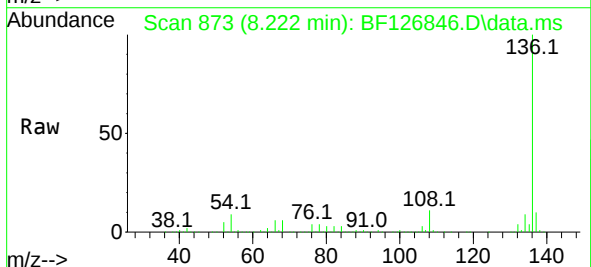
Instrument :
BNA_F
ClientSampleId :
MW-19D

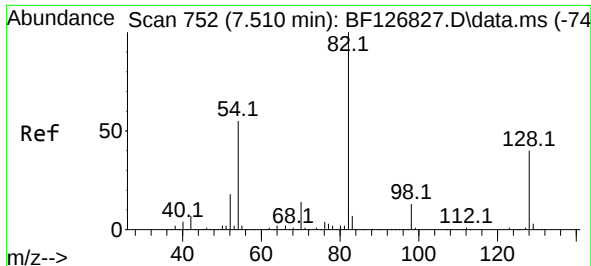
Tgt Ion: 99 Resp: 385714
Ion Ratio Lower Upper
99 100
42 19.5 15.8 23.6
71 36.3 30.6 45.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion: 136 Resp: 446591
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.5 8.0 12.0
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 92.279 ng

RT: 7.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

Instrument :

BNA_F

ClientSampleId :

MW-19D

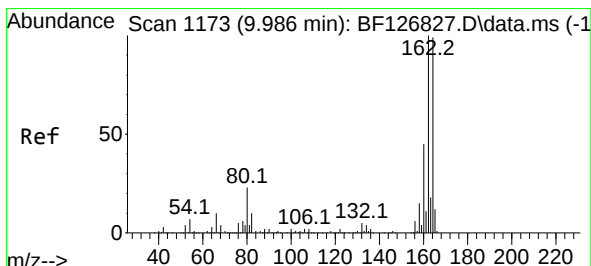
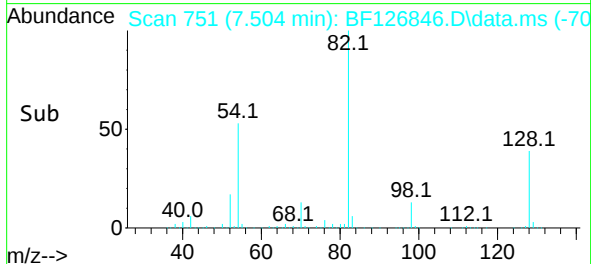
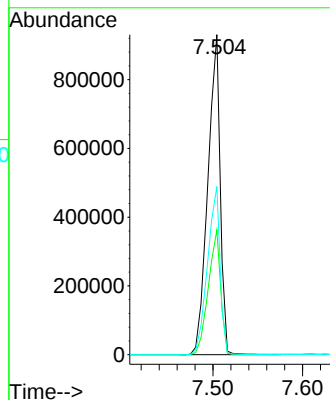
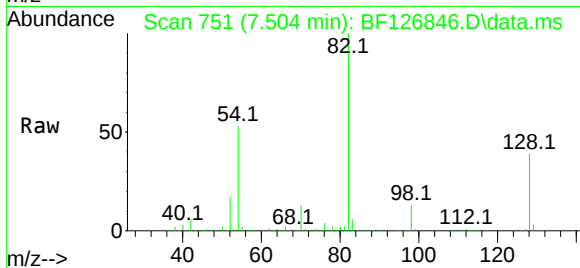
Tgt Ion: 82 Resp: 893170

Ion Ratio Lower Upper

82 100

128 39.0 31.6 47.4

54 52.6 43.7 65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 1172

Delta R.T. -0.005 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

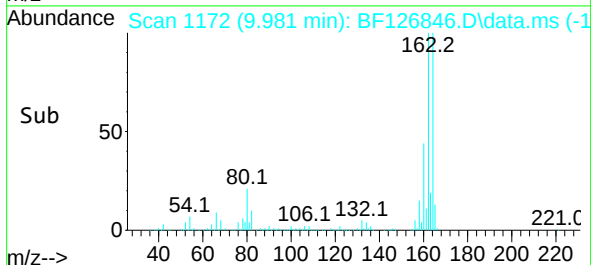
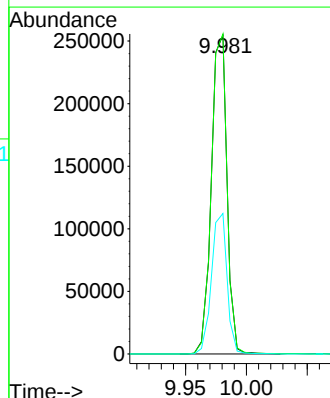
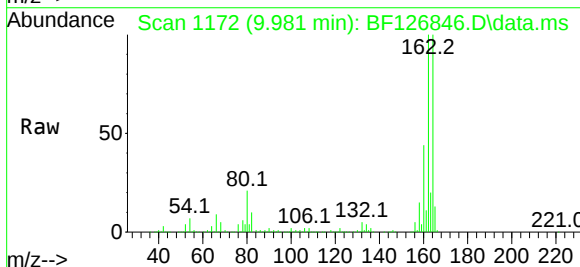
Tgt Ion: 164 Resp: 227888

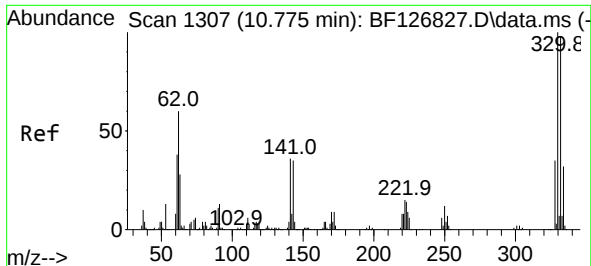
Ion Ratio Lower Upper

164 100

162 100.4 80.9 121.3

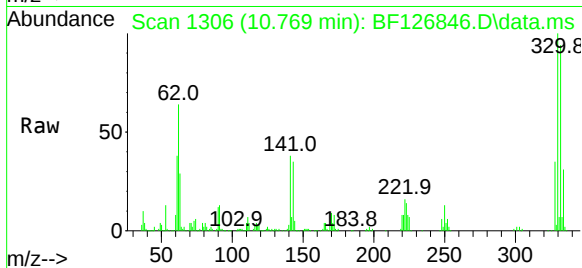
160 44.1 36.0 54.0



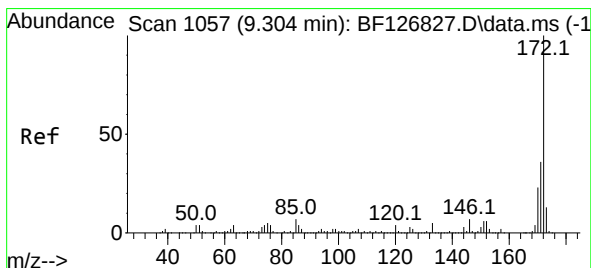
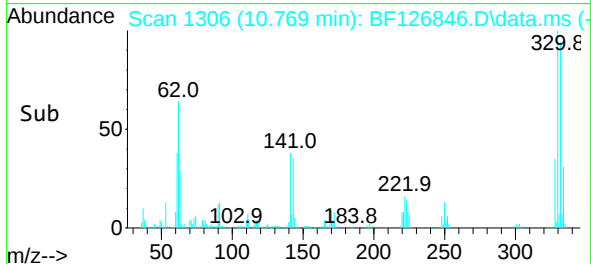
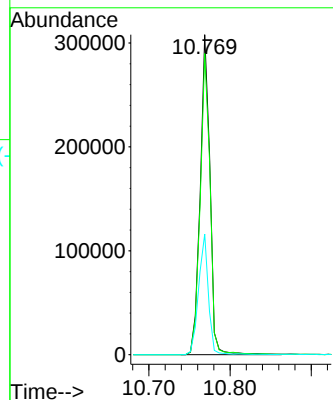


#42
2,4,6-Tribromophenol
Concen: 106.027 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Instrument :
BNA_F
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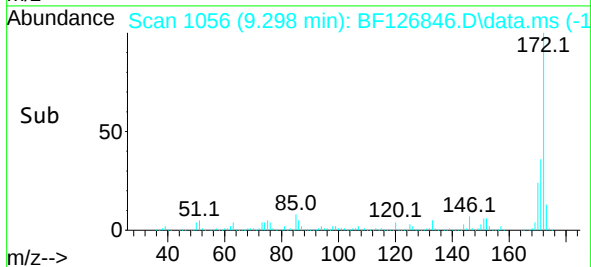
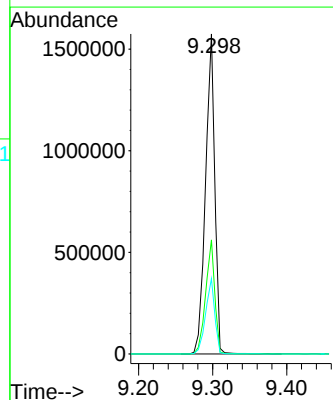
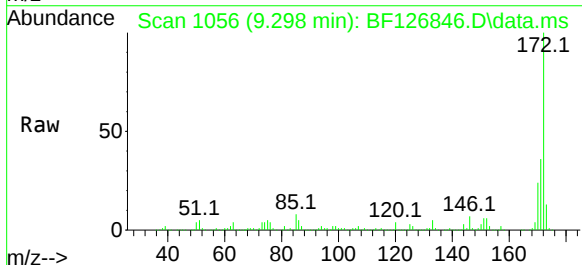


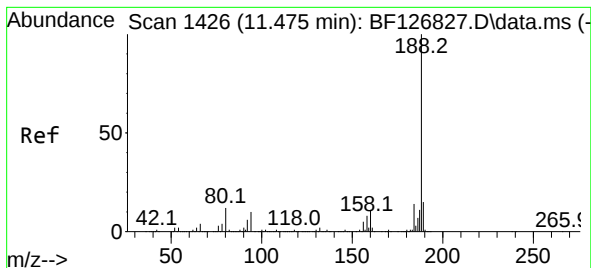
Tgt Ion:330 Resp: 259036
Ion Ratio Lower Upper
330 100
332 95.4 78.2 117.4
141 38.1 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 91.186 ng
RT: 9.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126846.D
Acq: 10 Feb 2022 16:27

Tgt Ion:172 Resp: 1380474
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

Instrument :

BNA_F

ClientSampleId :

MW-19D

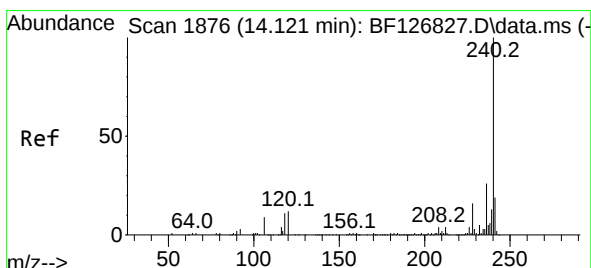
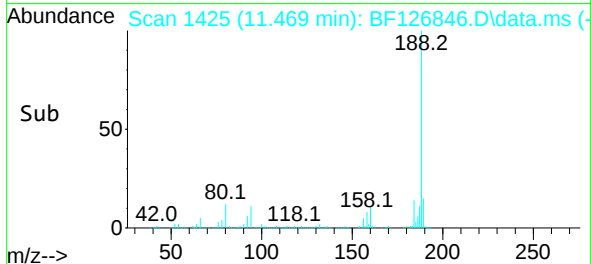
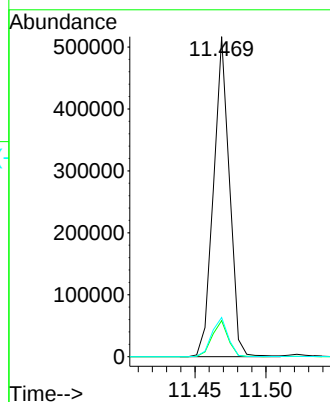
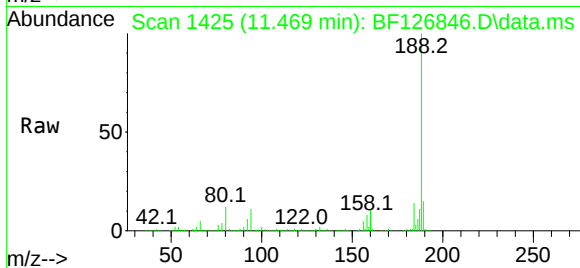
Tgt Ion:188 Resp: 402161

Ion Ratio Lower Upper

188 100

94 11.3 8.1 12.1

80 12.2 9.5 14.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 1874

Delta R.T. -0.012 min

Lab File: BF126846.D

Acq: 10 Feb 2022 16:27

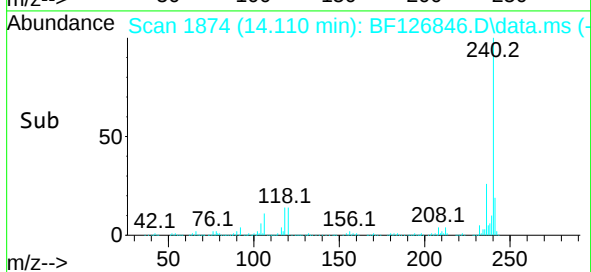
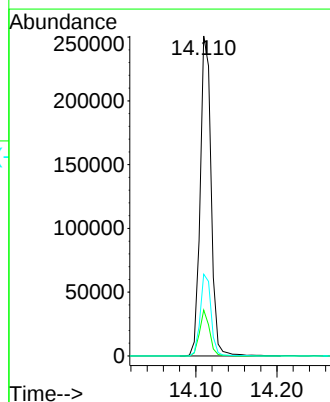
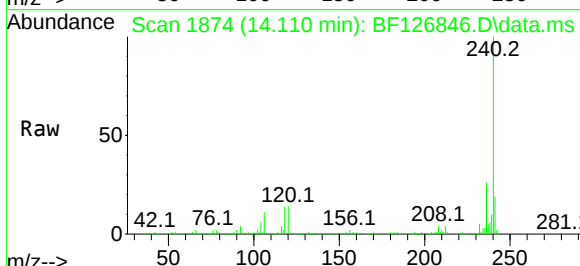
Tgt Ion:240 Resp: 234314

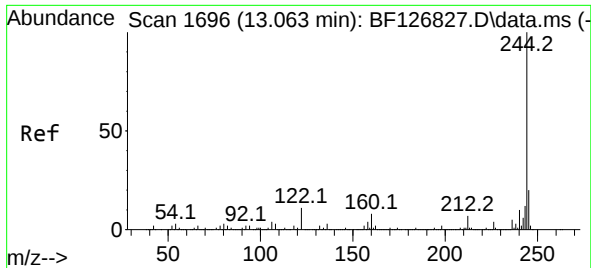
Ion Ratio Lower Upper

240 100

120 14.4 9.8 14.6

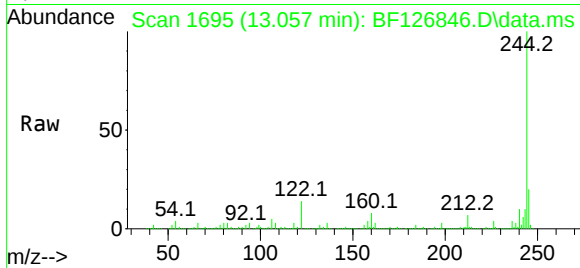
236 25.6 20.5 30.7



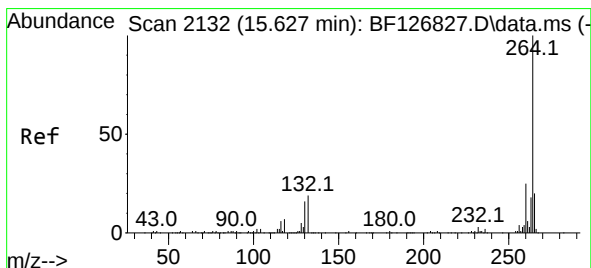
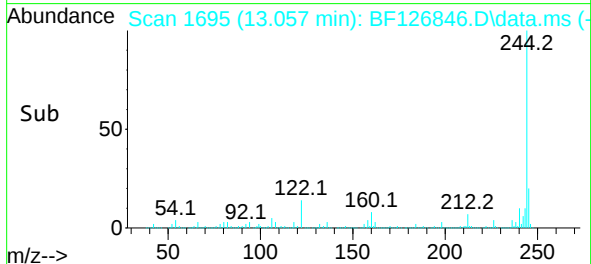
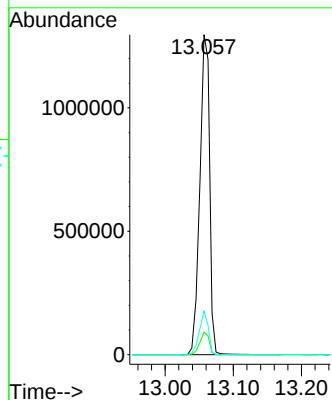


#79
 Terphenyl-d14
 Concen: 78.953 ng
 RT: 13.057 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF126846.D
 Acq: 10 Feb 2022 16:27

Instrument :
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 ClientSampleId :
 MW-19D



Tgt Ion:244 Resp: 1290469
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 13.6 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF126846.D
 Acq: 10 Feb 2022 16:27

Tgt Ion:264 Resp: 179817
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 21.2 15.9 23.9

