

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126702.D
 Acq On : 26 Jan 2022 22:17
 Operator : CG/JU
 Sample : N1266-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-08-(5-6)

Quant Time: Jan 27 03:15:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

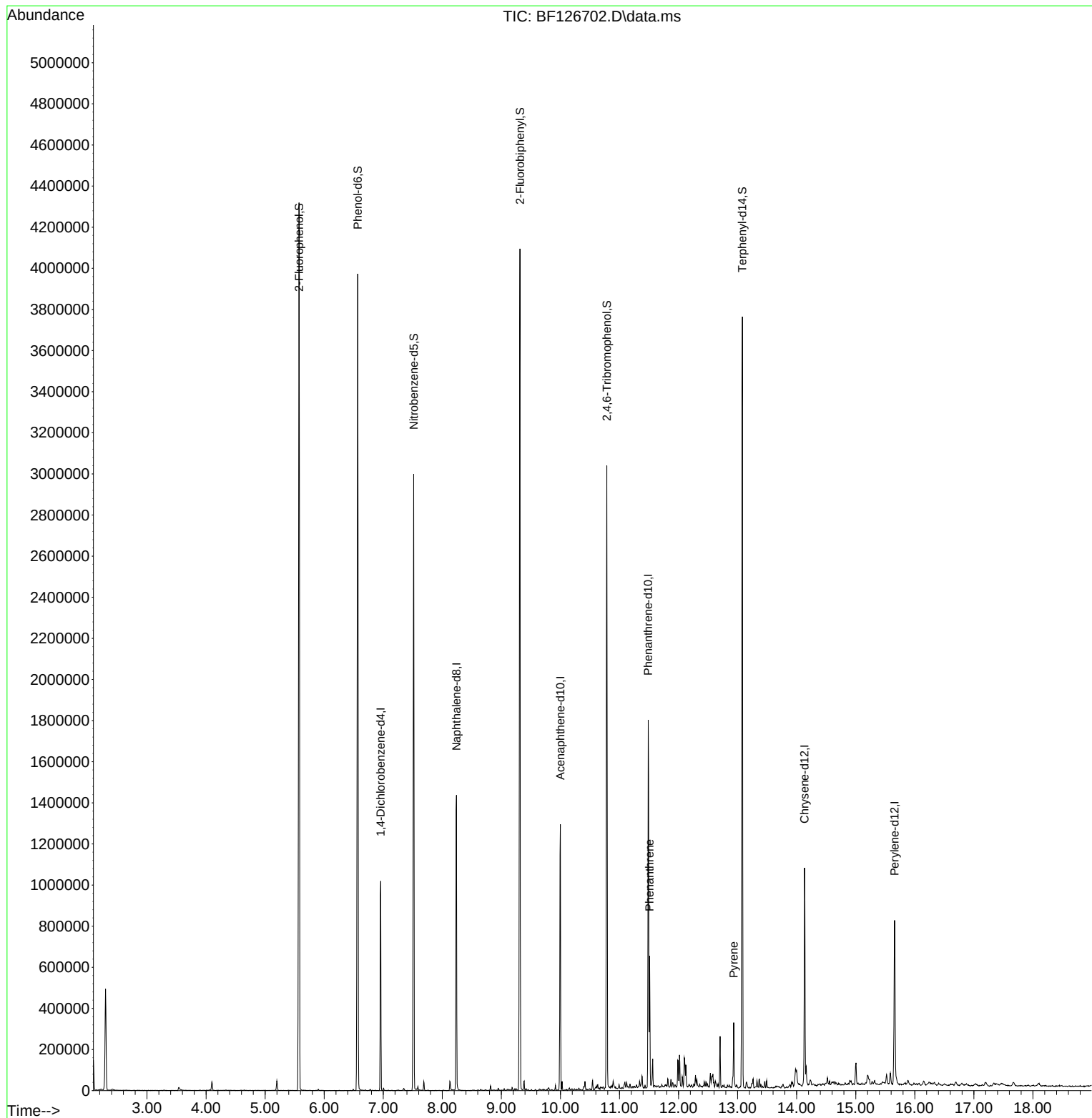
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	139512	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	606541	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	251187	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	583999	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	318394	20.000	ng	-0.01
86) Perylene-d12	15.656	264	335545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1202240	113.397	ng	0.00
7) Phenol-d6	6.569	99	1557509	105.735	ng	0.00
23) Nitrobenzene-d5	7.516	82	1100757	71.034	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	309326	131.588	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1191300	72.634	ng	0.00
79) Terphenyl-d14	13.080	244	1262984	66.533	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.510	178	188253	5.642	ng	98
78) Pyrene	12.933	202	111145	4.317	ng	97

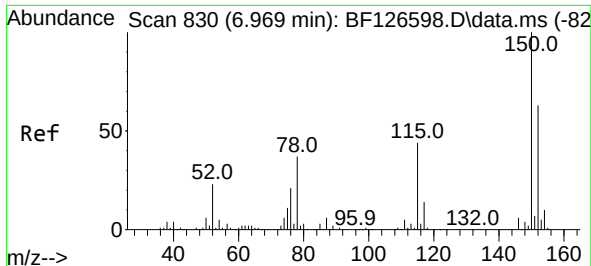
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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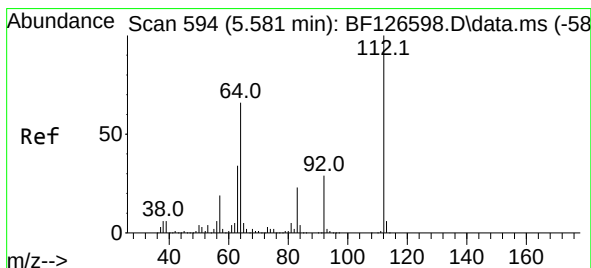
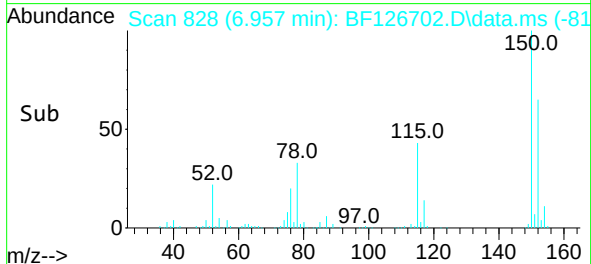
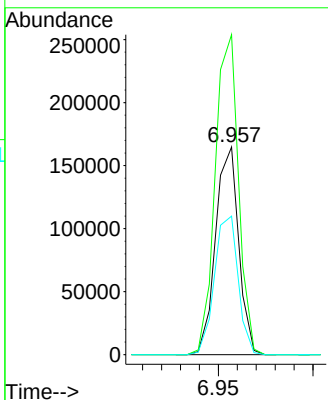
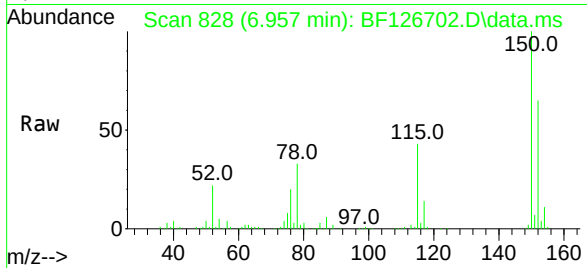




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

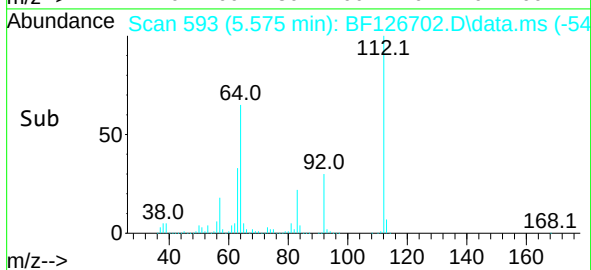
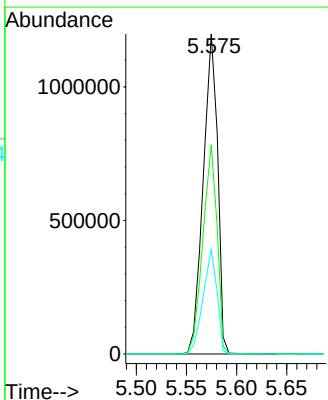
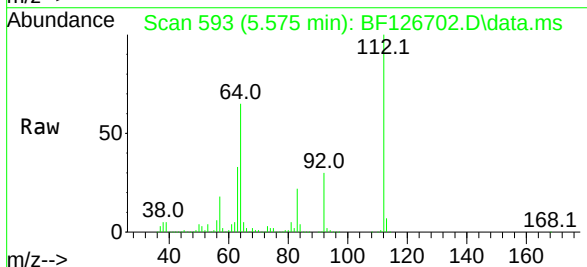
Instrument :
BNA_F
ClientSampleId :
RB-08-(5-6)

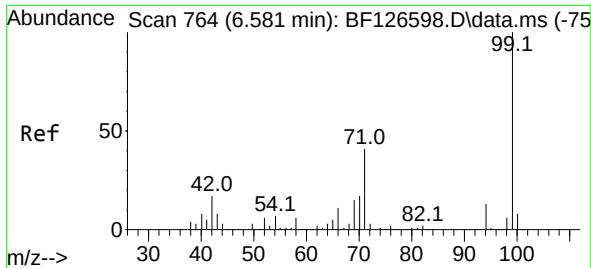
Tgt Ion:152 Resp: 139512
Ion Ratio Lower Upper
152 100
150 154.1 128.1 192.1
115 66.7 56.7 85.1



#5
2-Fluorophenol
Concen: 113.397 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

Tgt Ion:112 Resp: 1202240
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 32.6 23.9 35.9

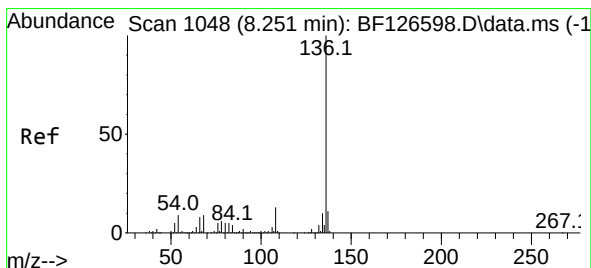
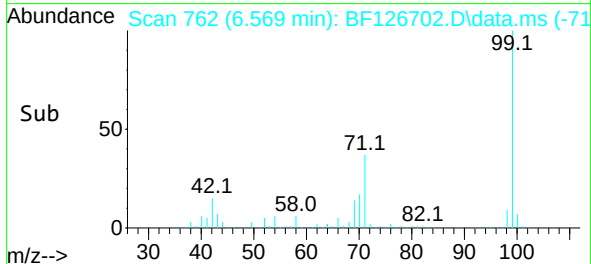
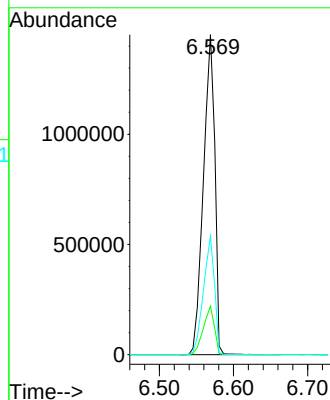
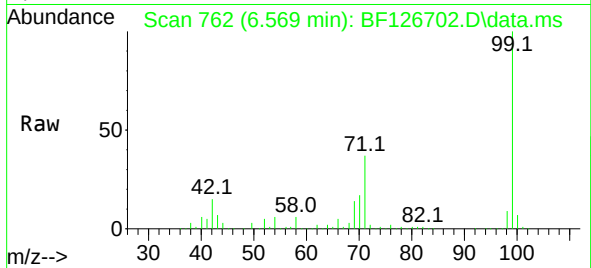




#7
Phenol-d6
Concen: 105.735 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

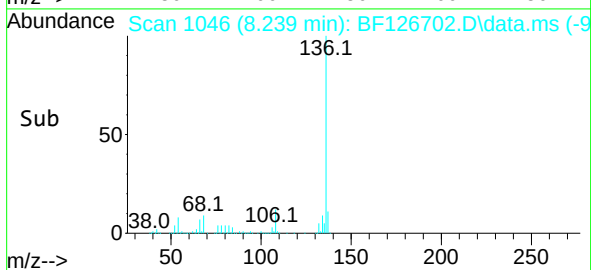
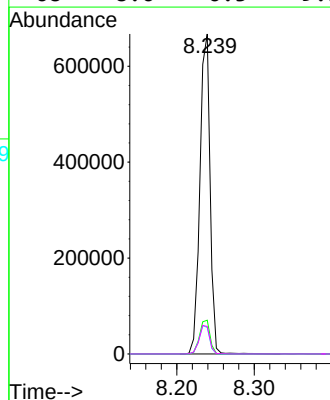
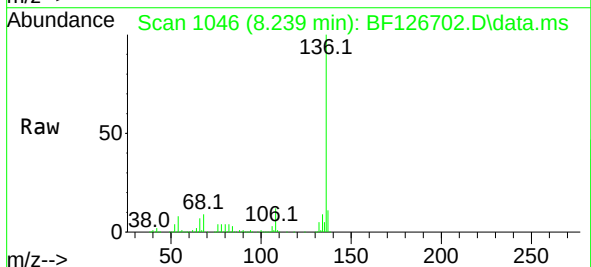
Instrument :
BNA_F
ClientSampleId :
RB-08-(5-6)

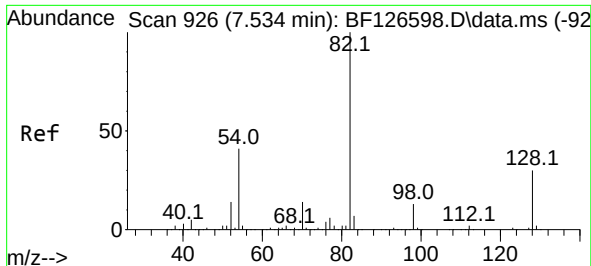
Tgt Ion: 99 Resp: 1557509
Ion Ratio Lower Upper
99 100
42 15.2 14.2 21.4
71 37.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126702.D
Acq: 26 Jan 2022 22:17

Tgt Ion: 136 Resp: 606541
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 7.8 11.6
68 8.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 71.034 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RB-08-(5-6)

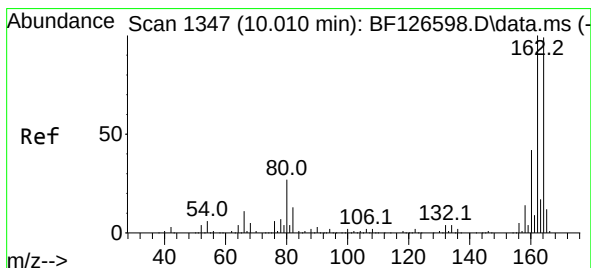
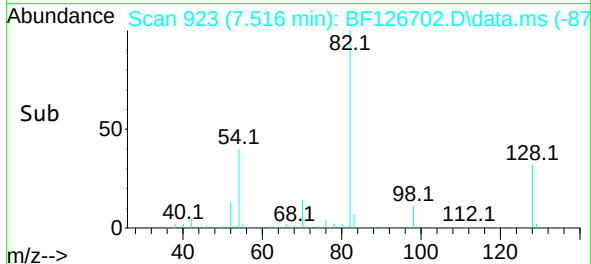
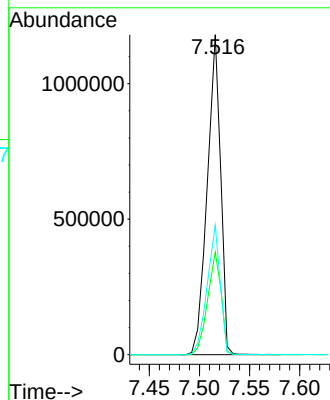
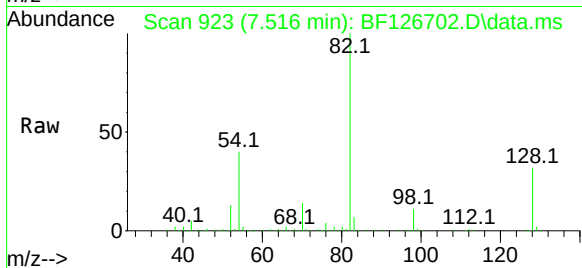
Tgt Ion: 82 Resp: 1100757

Ion Ratio Lower Upper

82 100

128 32.1 32.7 49.1#

54 40.4 41.7 62.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

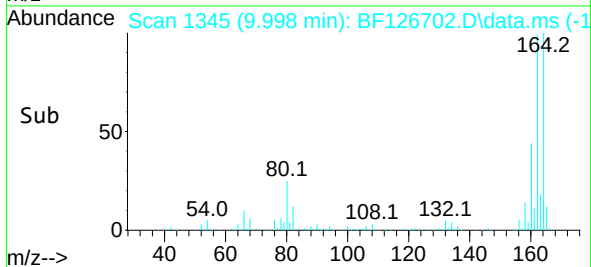
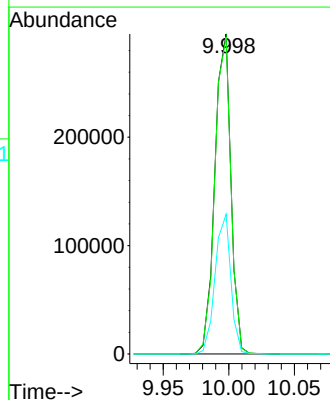
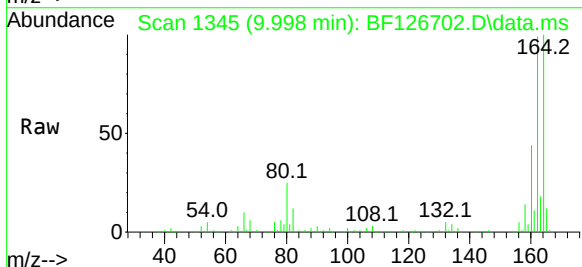
Tgt Ion:164 Resp: 251187

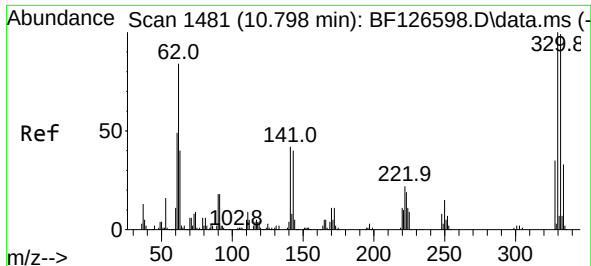
Ion Ratio Lower Upper

164 100

162 99.0 81.4 122.0

160 43.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 131.588 ng

RT: 10.786 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126702.D

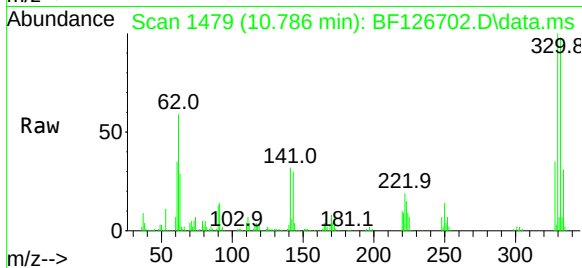
Acq: 26 Jan 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RB-08-(5-6)



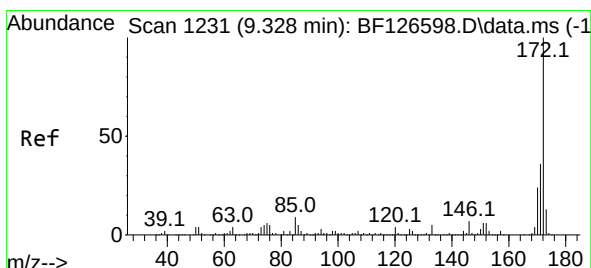
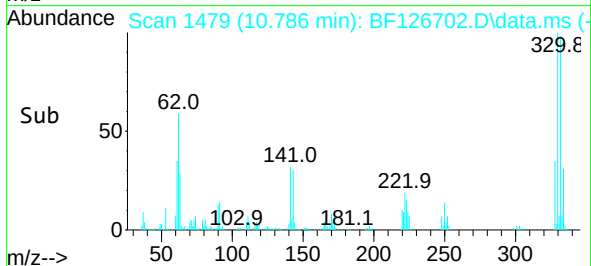
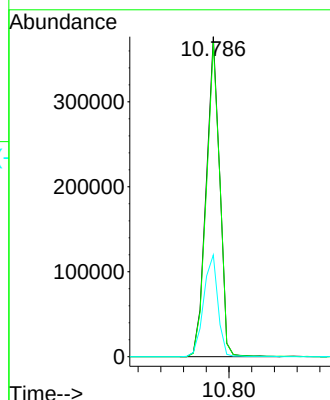
Tgt Ion:330 Resp: 309326

Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 34.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 72.634 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

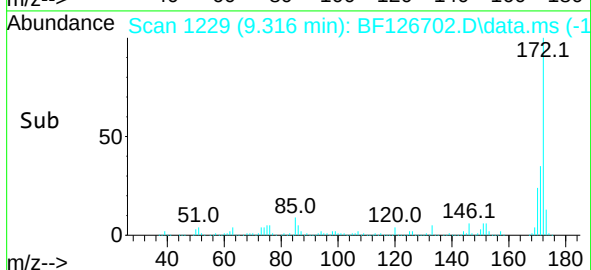
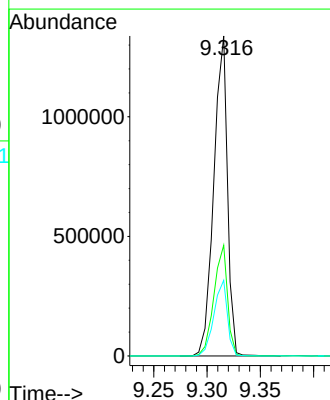
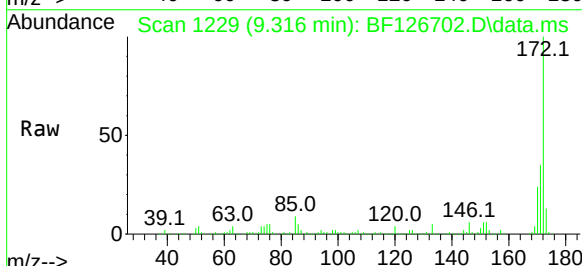
Tgt Ion:172 Resp: 1191300

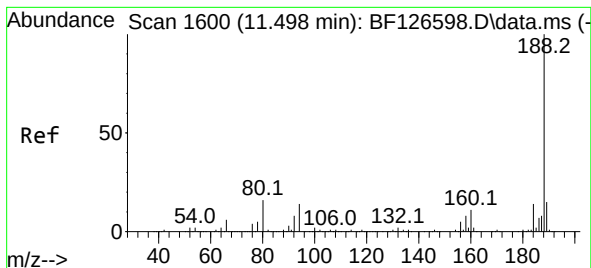
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RB-08-(5-6)

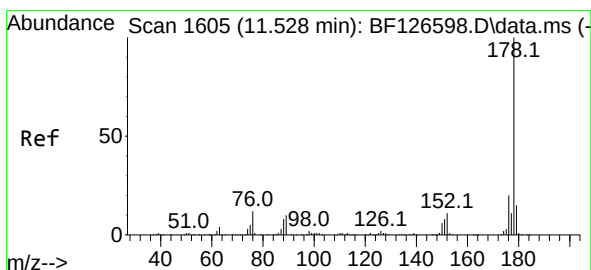
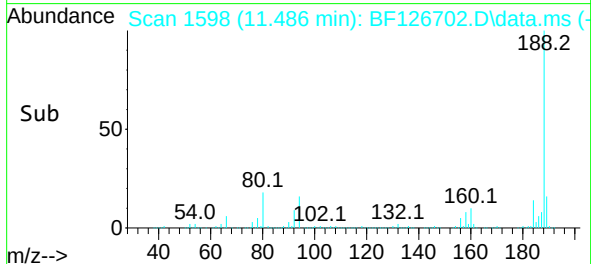
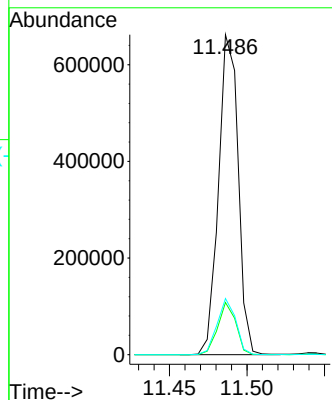
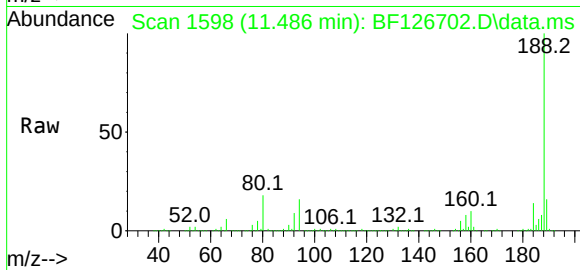
Tgt Ion:188 Resp: 583999

Ion Ratio Lower Upper

188 100

94 16.3 10.1 15.1#

80 17.6 11.8 17.6



#71

Phenanthrene

Concen: 5.642 ng

RT: 11.510 min Scan# 1602

Delta R.T. -0.012 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

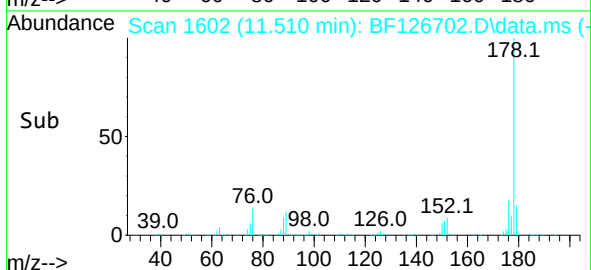
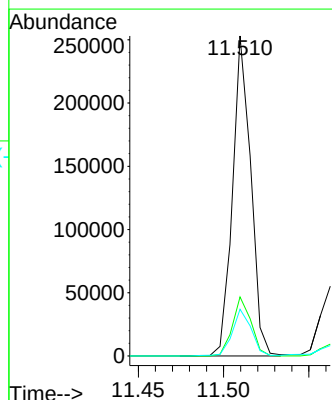
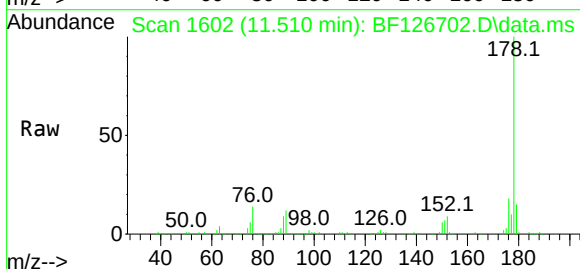
Tgt Ion:178 Resp: 188253

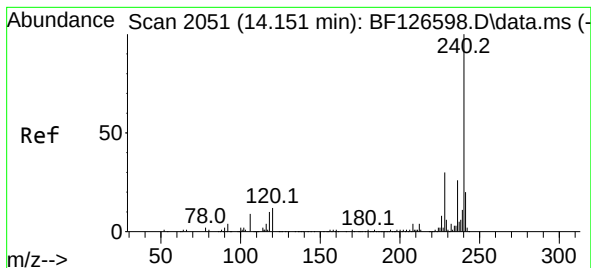
Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

179 14.6 12.3 18.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2051

Delta R.T. -0.012 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RB-08-(5-6)

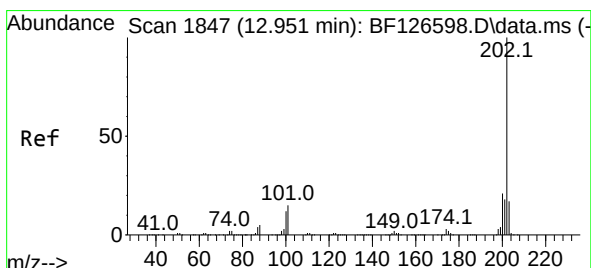
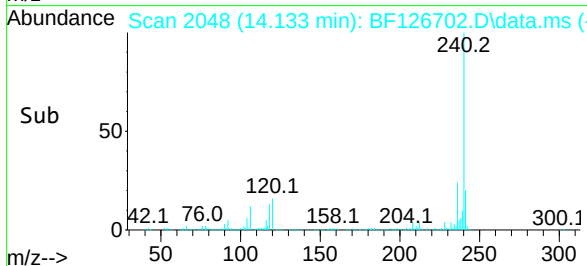
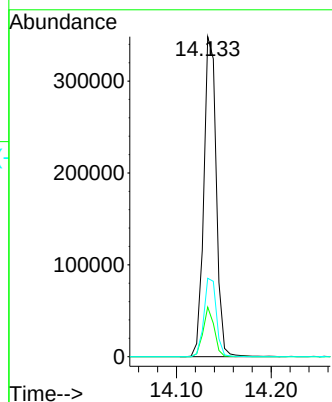
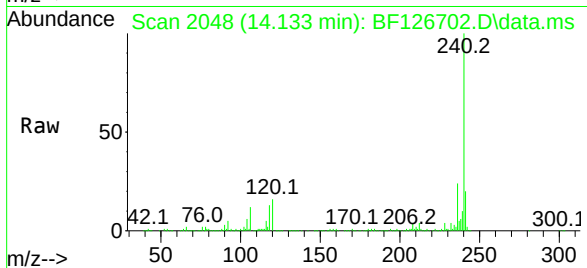
Tgt Ion:240 Resp: 318394

Ion Ratio Lower Upper

240 100

120 15.5 14.4 21.6

236 24.5 20.5 30.7



#78

Pyrene

Concen: 4.317 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF126702.D

Acq: 26 Jan 2022 22:17

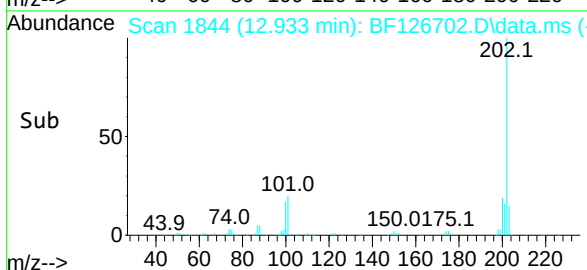
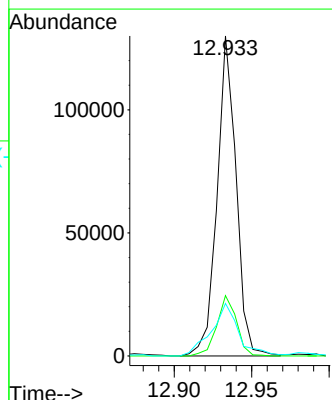
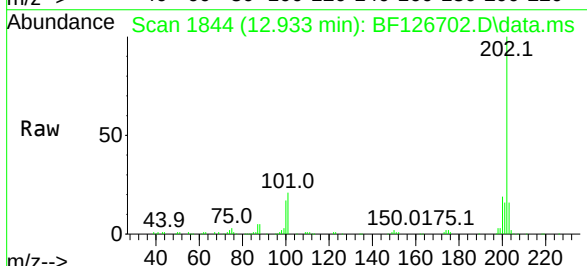
Tgt Ion:202 Resp: 111145

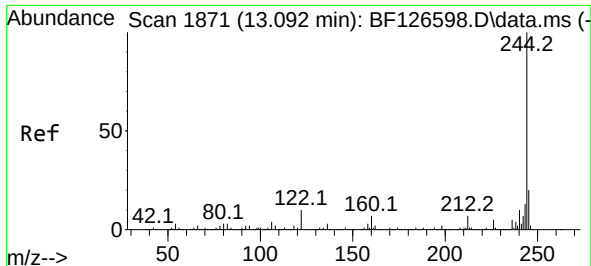
Ion Ratio Lower Upper

202 100

200 18.8 16.6 24.8

203 16.4 13.8 20.8

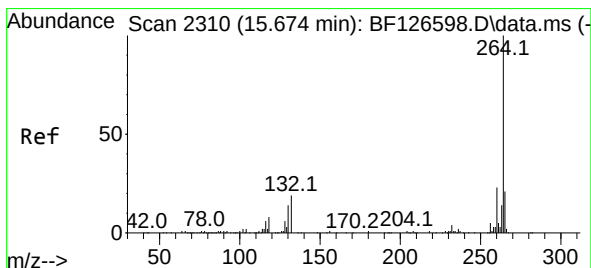
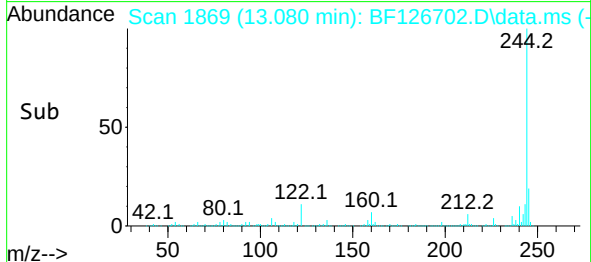
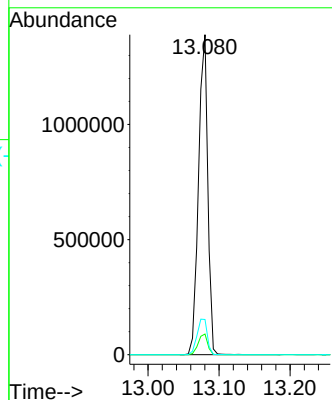
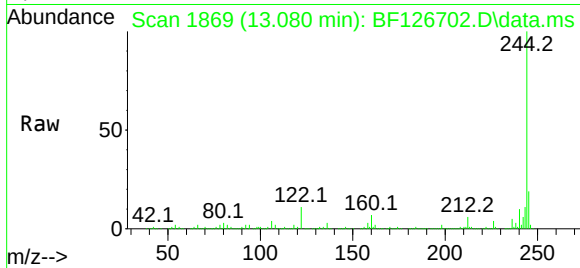




#79
 Terphenyl-d14
 Concen: 66.533 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126702.D
 Acq: 26 Jan 2022 22:17

Instrument :
 BNA_F
 ClientSampleId :
 RB-08-(5-6)

Tgt Ion:244 Resp: 1262984
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126702.D
 Acq: 26 Jan 2022 22:17

Tgt Ion:264 Resp: 335545
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.4 26.2

