

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126069.D
 Acq On : 8 Nov 2021 17:15
 Operator : JU/CG
 Sample : M4477-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-B2-NW

Quant Time: Nov 09 09:33:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	151270	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	527662	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	262317	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	394400	20.000	ng	0.00
76) Chrysene-d12	14.010	240	356904	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	278843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	901592	102.352	ng	0.00
7) Phenol-d6	6.481	99	1131364	91.111	ng	0.00
23) Nitrobenzene-d5	7.416	82	817684	73.081	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	250290	83.259	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1419945	73.150	ng	0.00
79) Terphenyl-d14	12.957	244	1302702	58.858	ng	0.00

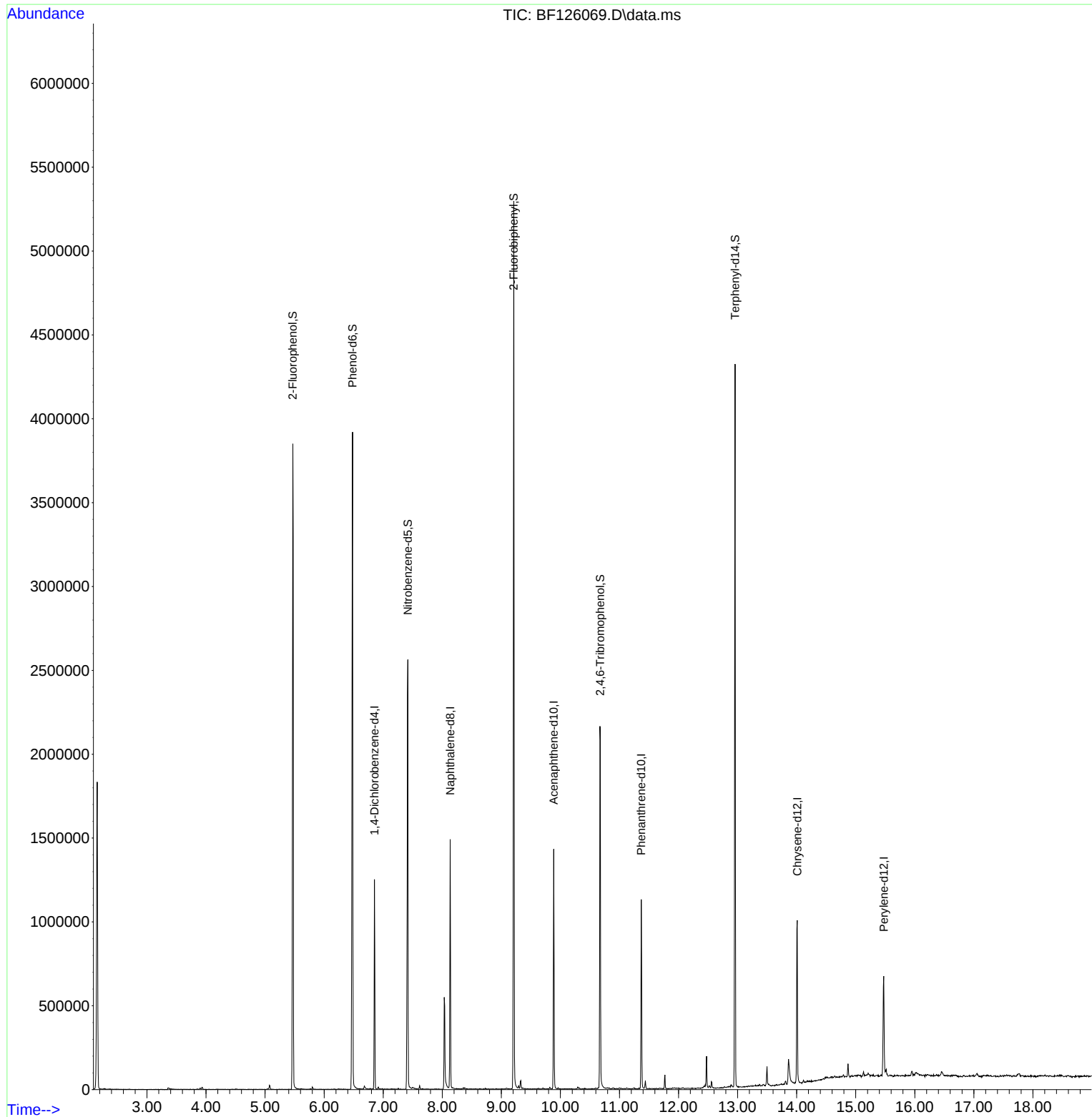
Target Compounds	Qvalue

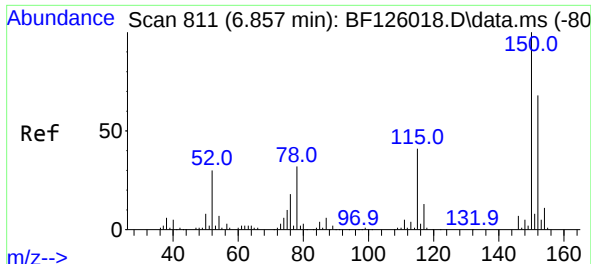
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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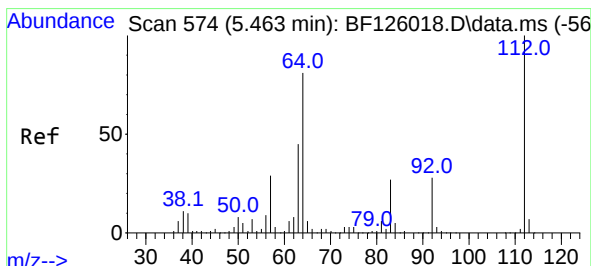
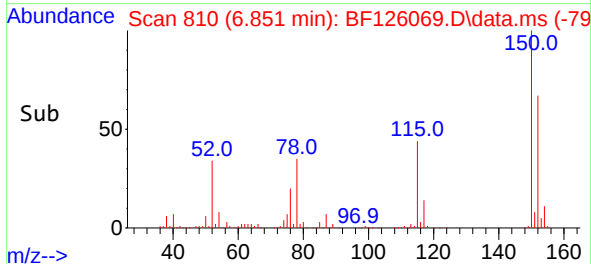
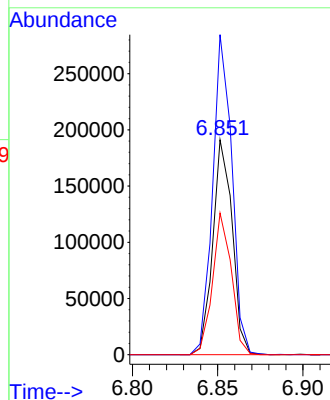
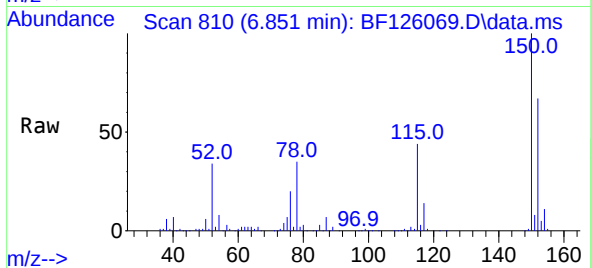




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

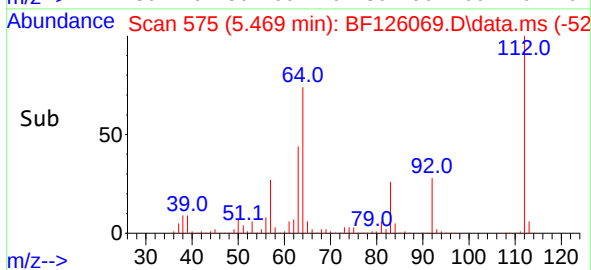
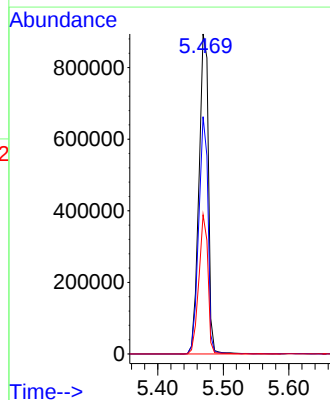
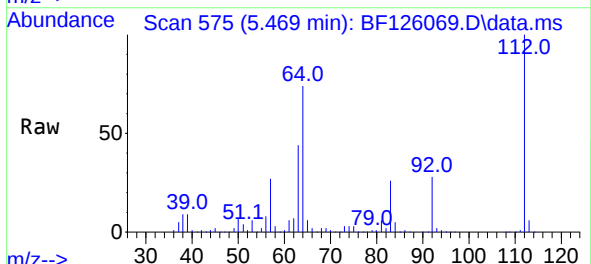
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

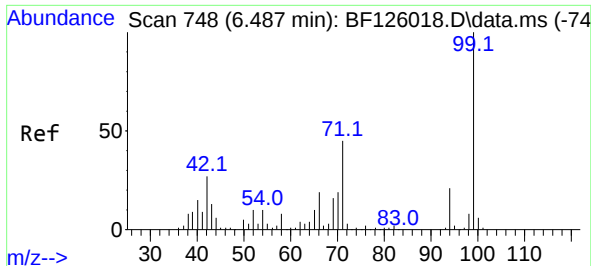
Tgt Ion:152 Resp: 151270
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 65.9 47.1 70.7



#5
2-Fluorophenol
Concen: 102.352 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:112 Resp: 901592
Ion Ratio Lower Upper
112 100
64 74.1 44.2 66.2#
63 43.5 26.2 39.2#

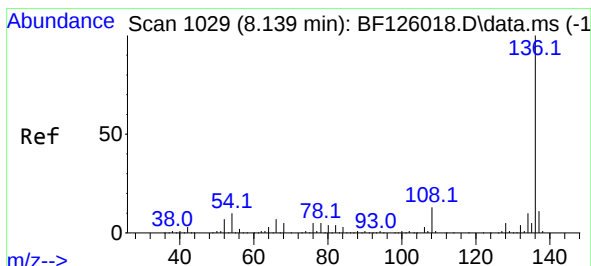
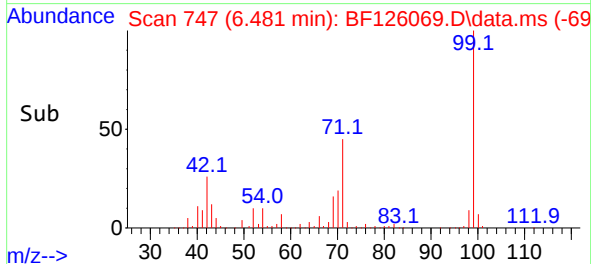
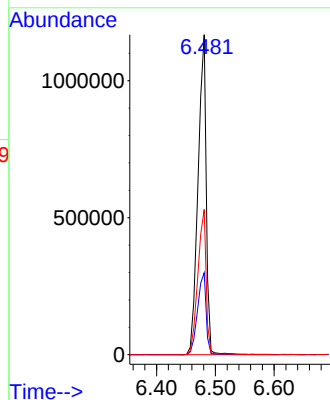
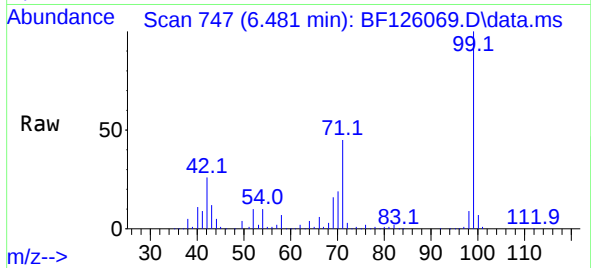




#7
Phenol-d6
Concen: 91.111 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

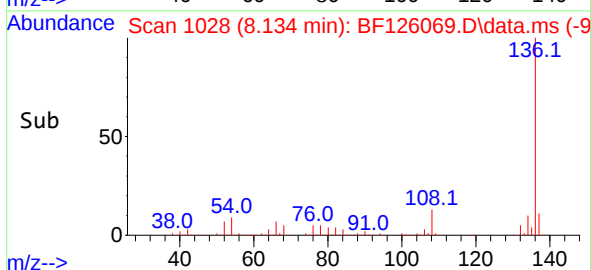
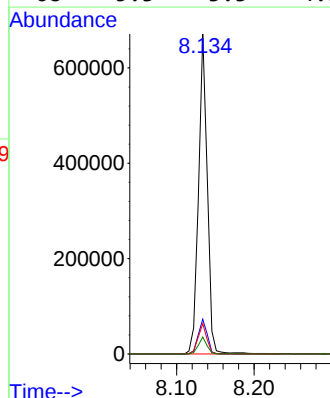
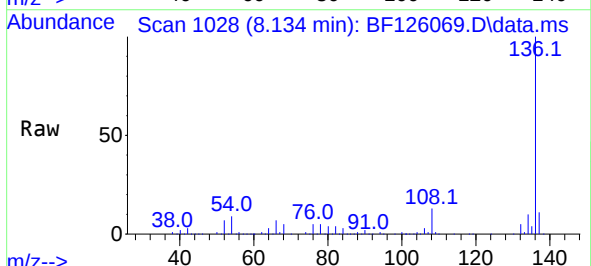
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

Tgt Ion: 99 Resp: 1131364
Ion Ratio Lower Upper
99 100
42 25.6 23.5 35.3
71 45.4 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:136 Resp: 527662
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.5 6.4 9.6
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 73.081 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126069.D

Acq: 8 Nov 2021 17:15

Instrument :

BNA_F

ClientSampleId :

T5-B2-NW

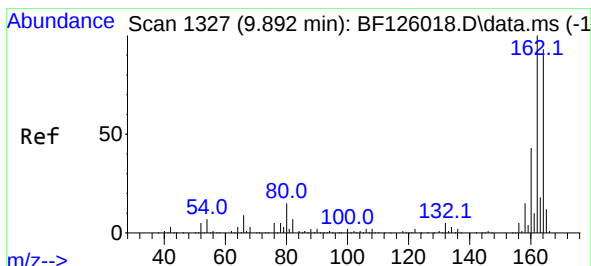
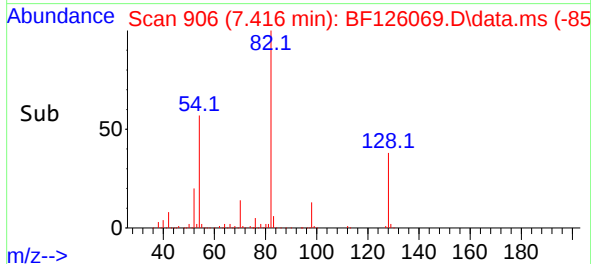
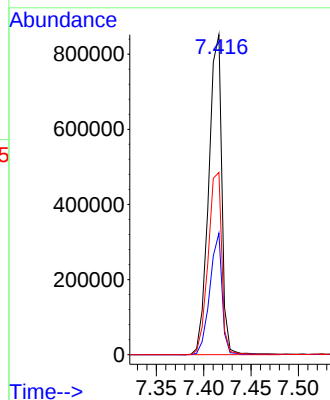
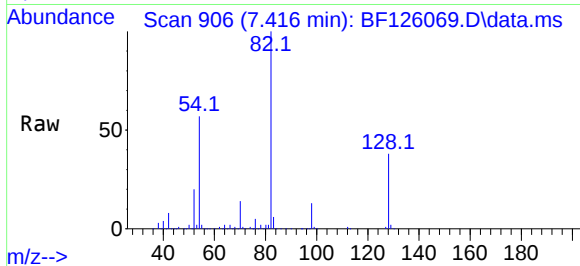
Tgt Ion: 82 Resp: 817684

Ion Ratio Lower Upper

82 100

128 37.9 40.6 60.8#

54 56.9 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF126069.D

Acq: 8 Nov 2021 17:15

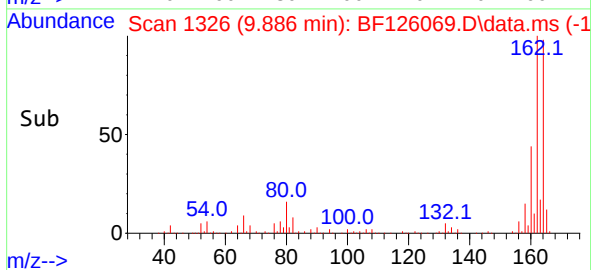
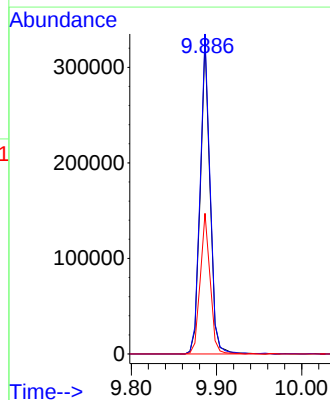
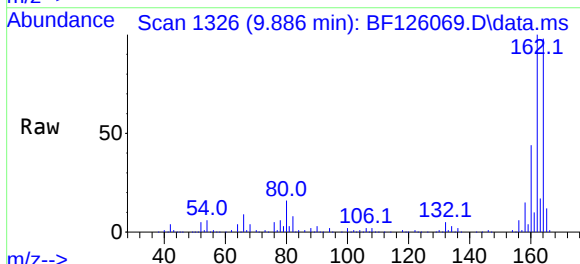
Tgt Ion:164 Resp: 262317

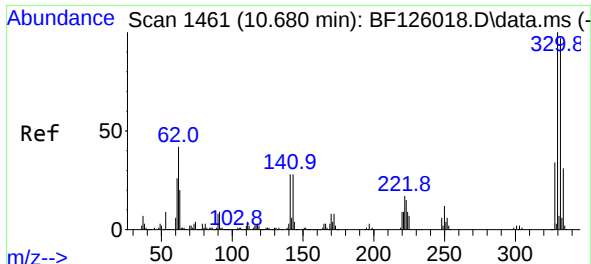
Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 44.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 83.259 ng

RT: 10.675 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF126069.D

Acq: 8 Nov 2021 17:15

Instrument :

BNA_F

ClientSampleId :

T5-B2-NW

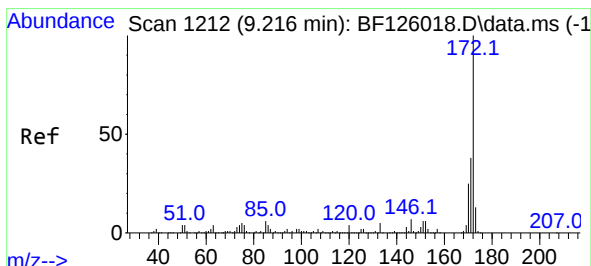
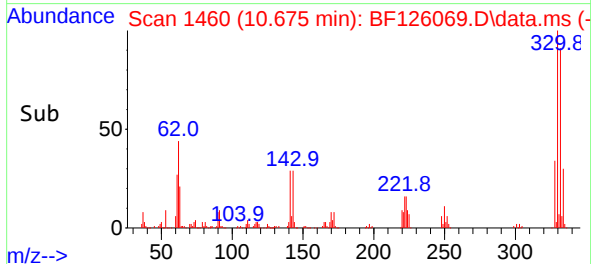
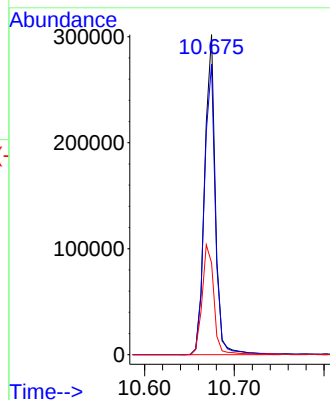
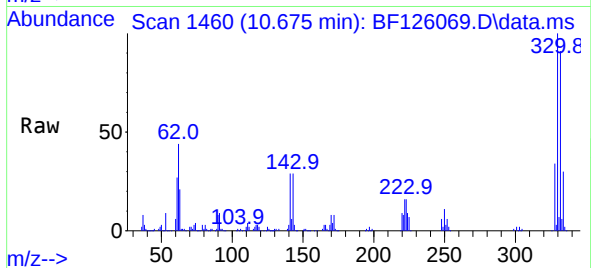
Tgt Ion:330 Resp: 250290

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

141 37.6 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 73.150 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126069.D

Acq: 8 Nov 2021 17:15

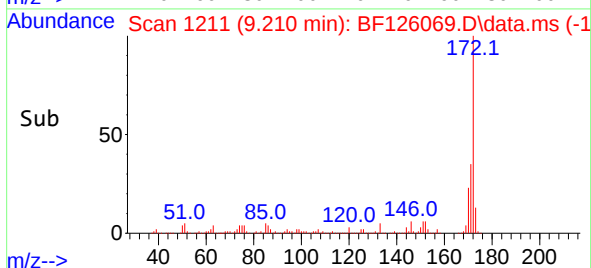
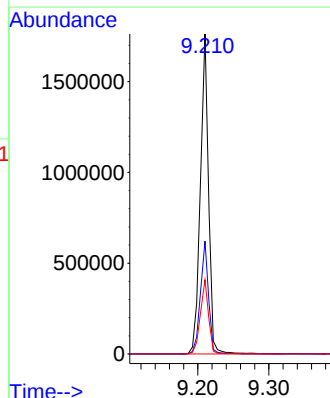
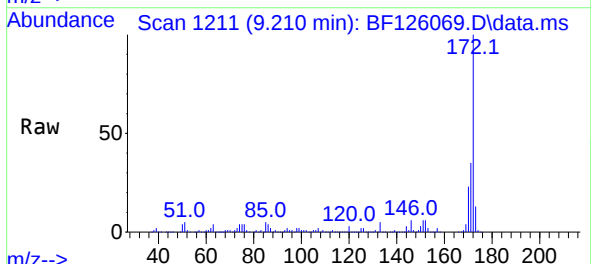
Tgt Ion:172 Resp: 1419945

Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.2 18.8 28.2

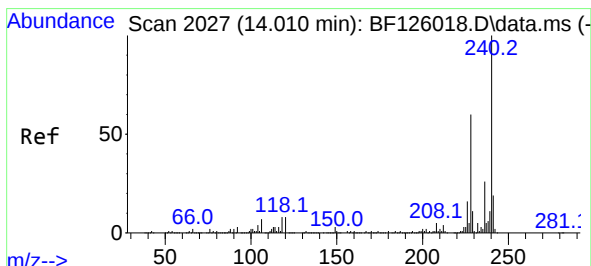
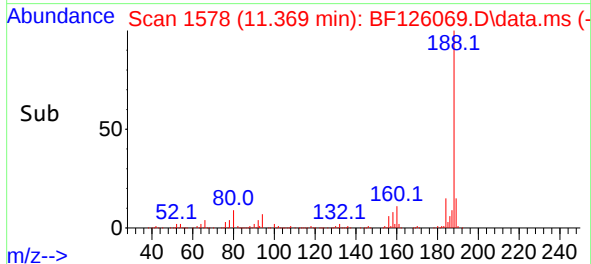
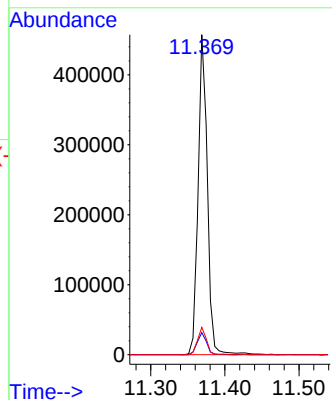
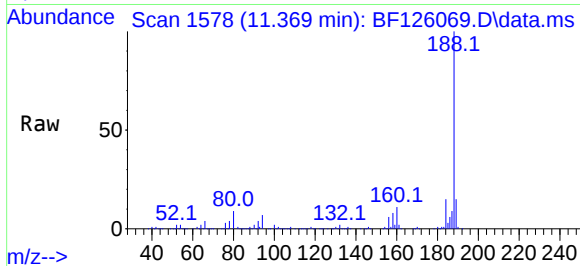




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

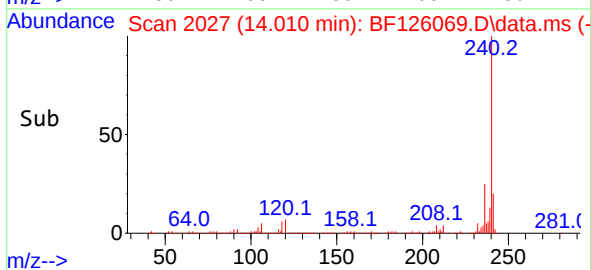
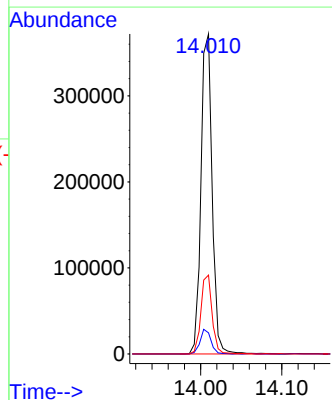
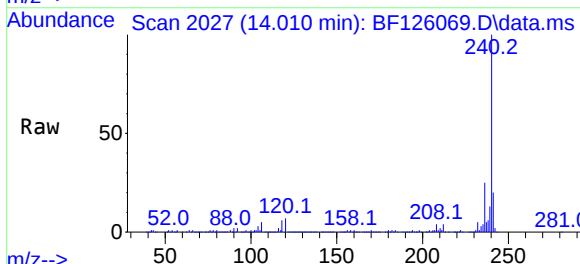
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

Tgt Ion:188 Resp: 394400
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:240 Resp: 356904
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2#
236 24.7 21.6 32.4

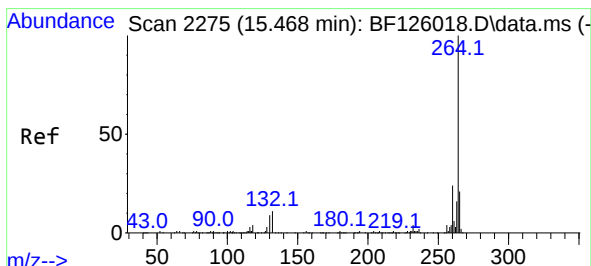
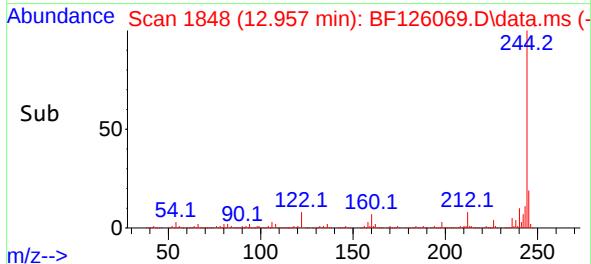
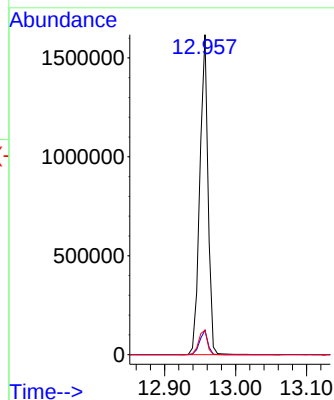
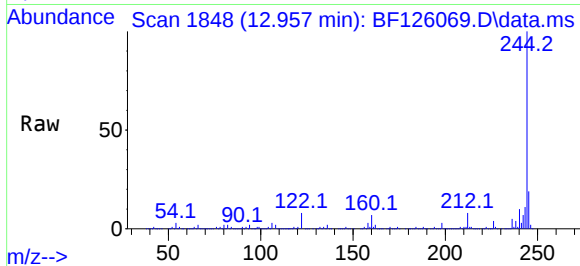




#79
 Terphenyl-d14
 Concen: 58.858 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126069.D
 Acq: 8 Nov 2021 17:15

Instrument :
 BNA_F
 ClientSampleId :
 T5-B2-NW

Tgt Ion:244 Resp: 1302702
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 7.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF126069.D
 Acq: 8 Nov 2021 17:15

Tgt Ion:264 Resp: 278843
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 22.1 17.2 25.8

