

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126175.D
 Acq On : 13 Nov 2021 18:49
 Operator : JU/CG
 Sample : M4659-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-1-(7.5-8)-11-11-21

Quant Time: Nov 15 10:00:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	109872	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	371272	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	227509	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	388937	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	228914	20.000	ng	#-0.01
86) Perylene-d12	15.456	264	340551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	551438	86.189	ng	0.00
7) Phenol-d6	6.463	99	783781	86.902	ng	0.00
23) Nitrobenzene-d5	7.392	82	657690	83.542	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	291336	111.740	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1244021	73.893	ng	0.00
79) Terphenyl-d14	12.945	244	1189315	83.779	ng	0.00

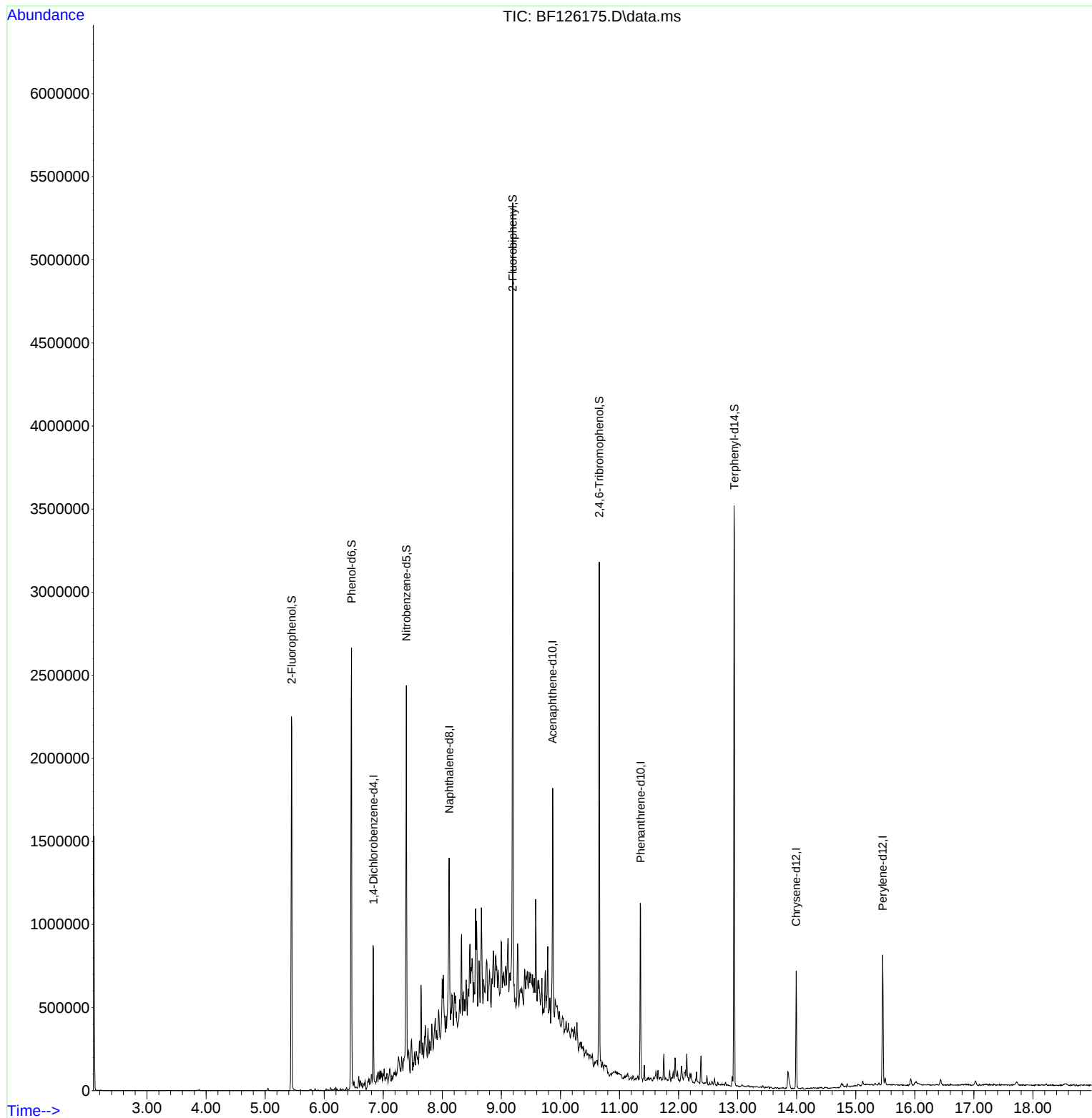
Target Compounds	Qvalue

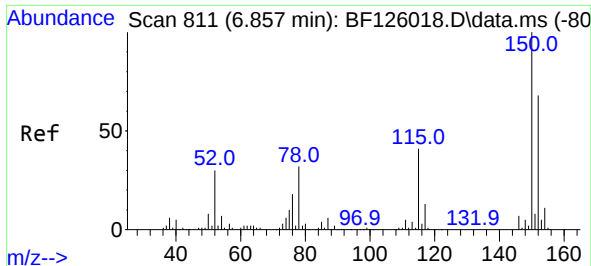
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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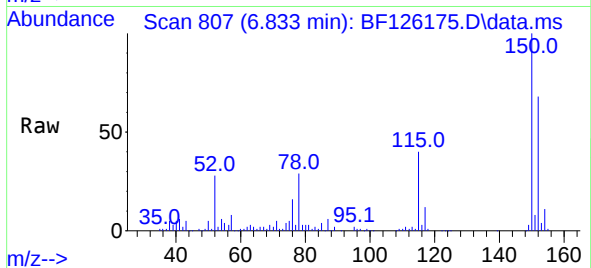
Quant Time: Nov 15 10:00:23 2021
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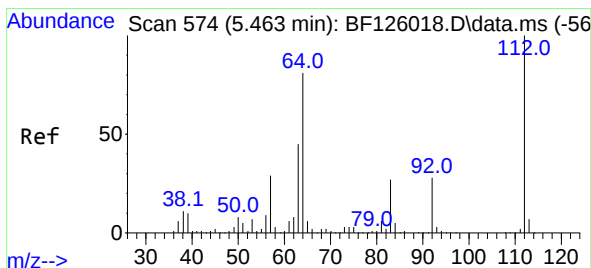
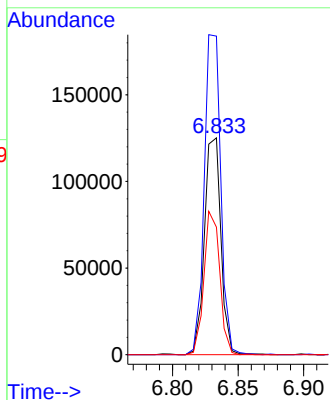
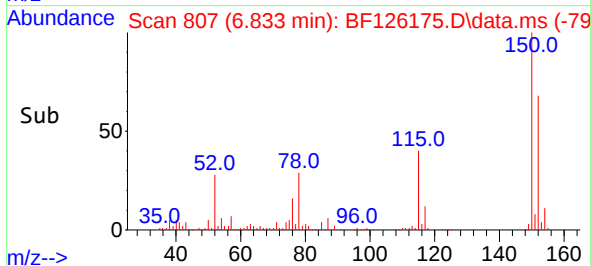


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.001 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

Instrument :
BNA_F
ClientSampleId :
HB-1-(7.5-8)-11-11-21

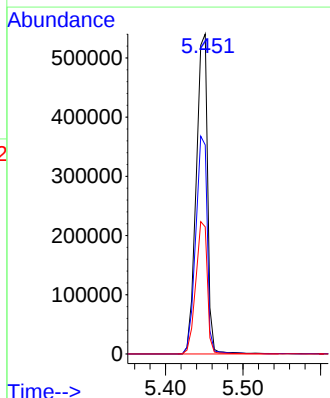
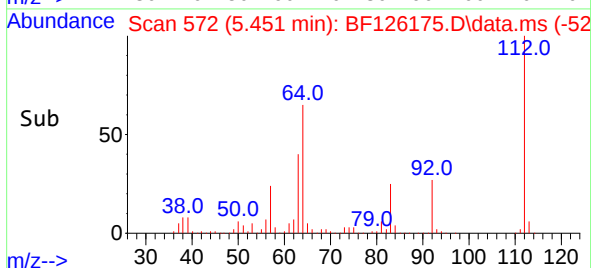
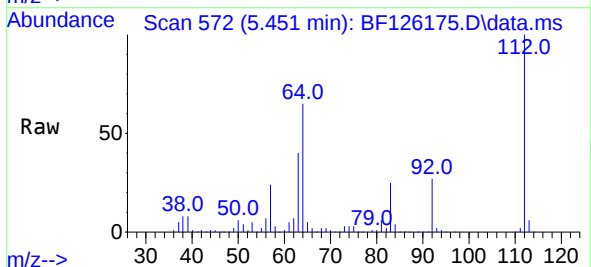


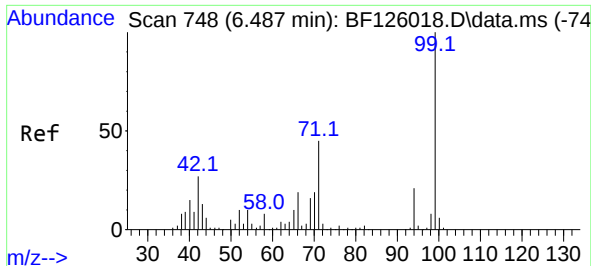
Tgt Ion:152 Resp: 109872
Ion Ratio Lower Upper
152 100
150 146.9 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 86.189 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

Tgt Ion:112 Resp: 551438
Ion Ratio Lower Upper
112 100
64 65.3 44.2 66.2
63 39.7 26.2 39.2#

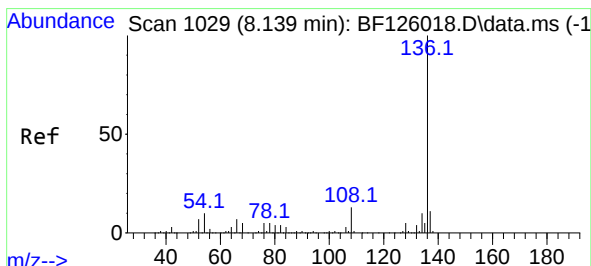
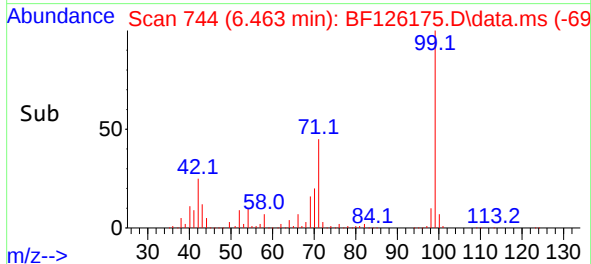
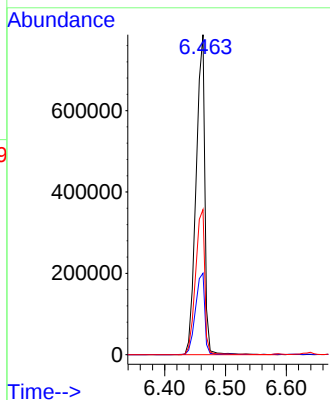
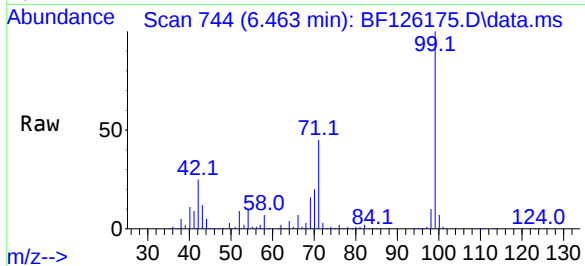




#7
Phenol-d6
Concen: 86.902 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

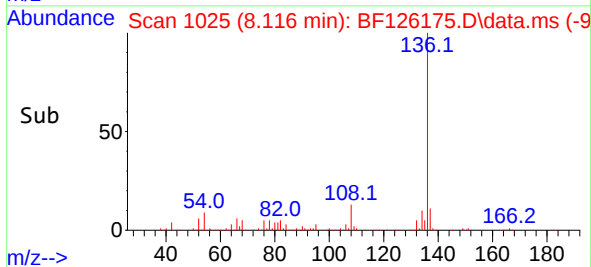
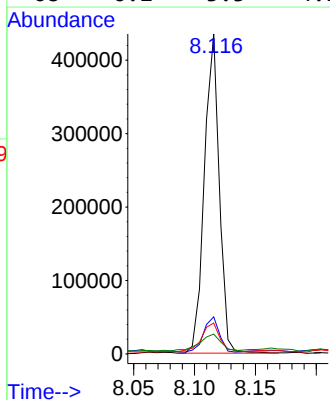
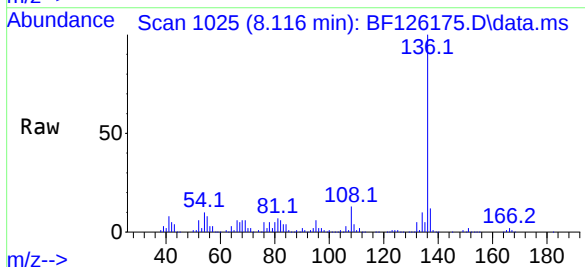
Instrument :
BNA_F
ClientSampleId :
HB-1-(7.5-8)-11-11-21

Tgt Ion: 99 Resp: 783781
Ion Ratio Lower Upper
99 100
42 25.4 23.5 35.3
71 45.4 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

Tgt Ion:136 Resp: 371272
Ion Ratio Lower Upper
136 100
137 11.6 9.8 14.6
54 9.7 6.4 9.6#
68 6.2 3.3 4.9#

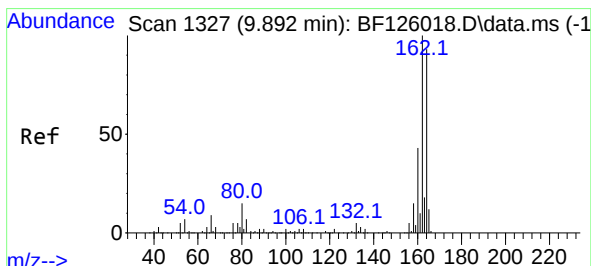
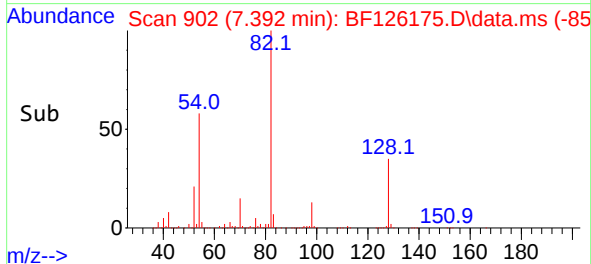
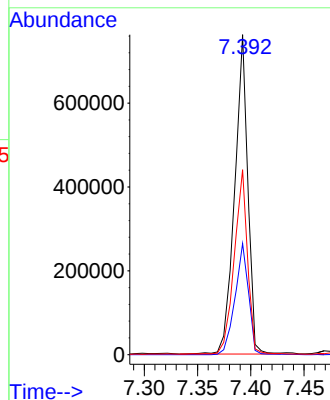
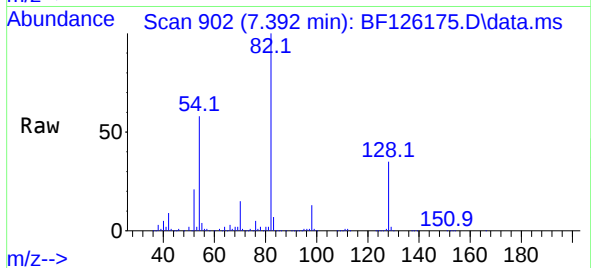




#23
Nitrobenzene-d5
Concen: 83.542 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

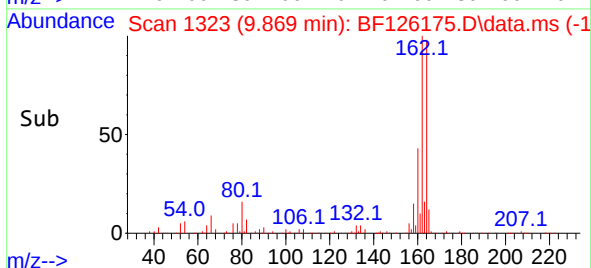
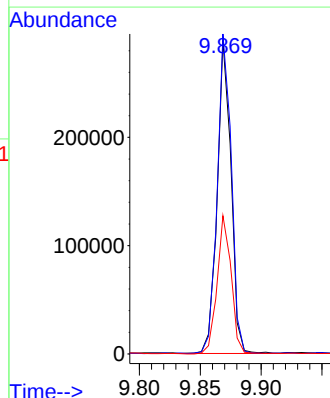
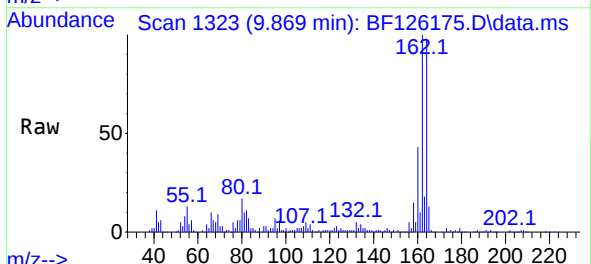
Instrument :
BNA_F
ClientSampleId :
HB-1-(7.5-8)-11-11-21

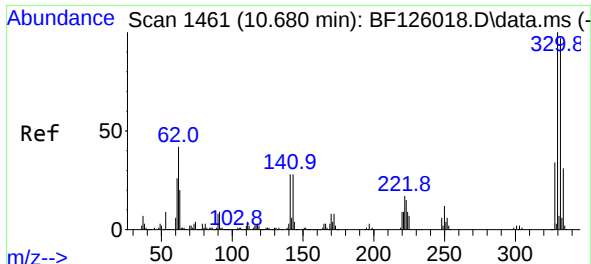
Tgt Ion: 82 Resp: 657690
Ion Ratio Lower Upper
82 100
128 34.7 40.6 60.8#
54 57.8 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

Tgt Ion:164 Resp: 227509
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.1 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 111.740 ng

RT: 10.657 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF126175.D

Acq: 13 Nov 2021 18:49

Instrument :

BNA_F

ClientSampleId :

HB-1-(7.5-8)-11-11-21

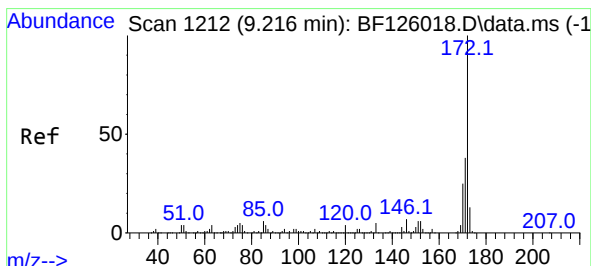
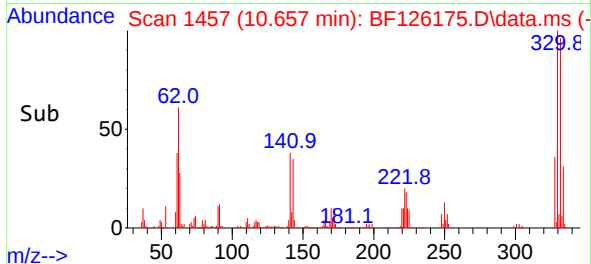
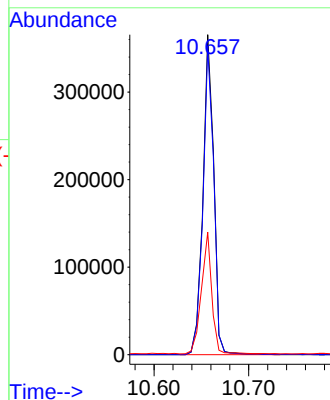
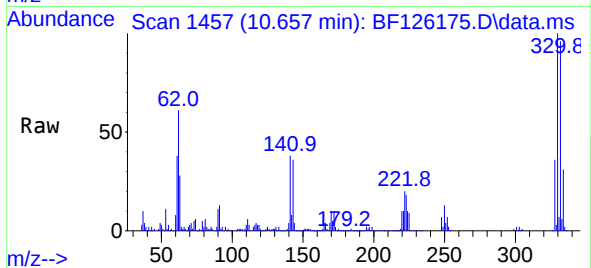
Tgt Ion:330 Resp: 291336

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

141 36.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 73.893 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF126175.D

Acq: 13 Nov 2021 18:49

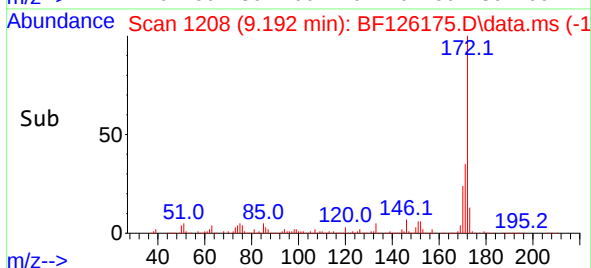
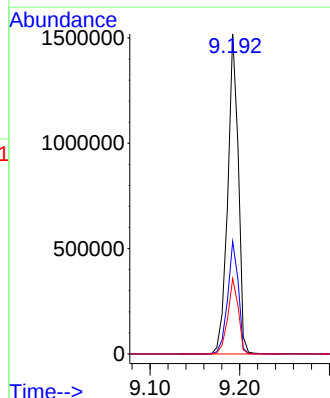
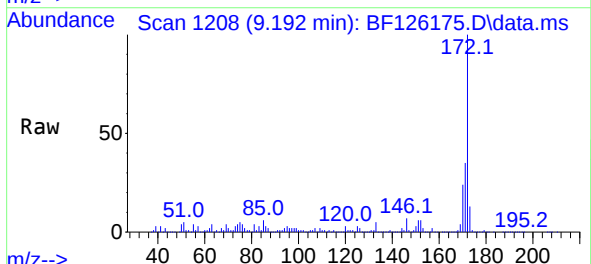
Tgt Ion:172 Resp: 1244021

Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.6 18.8 28.2

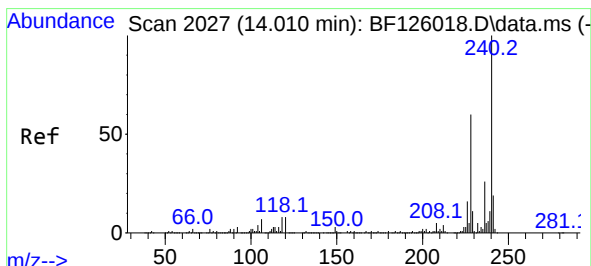
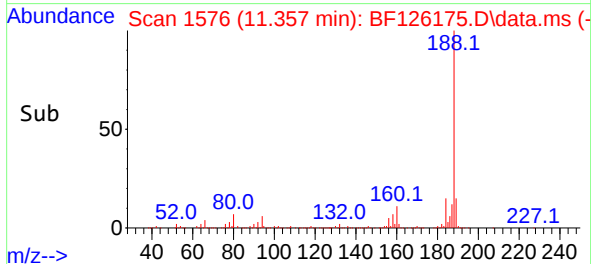
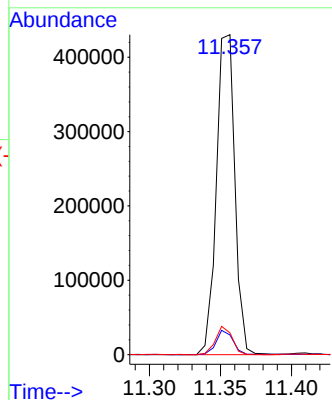
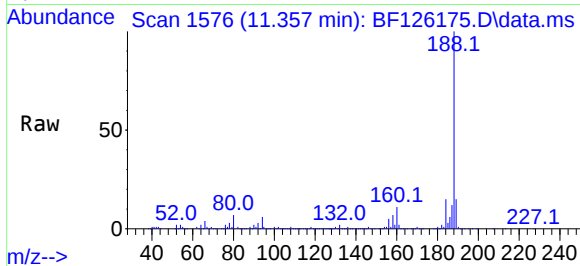




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

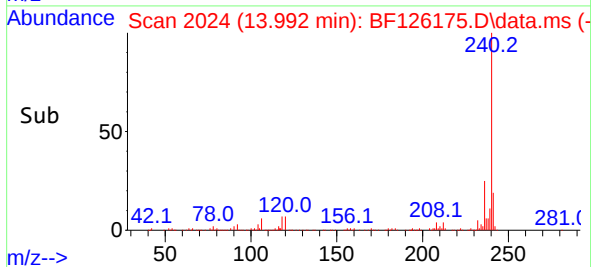
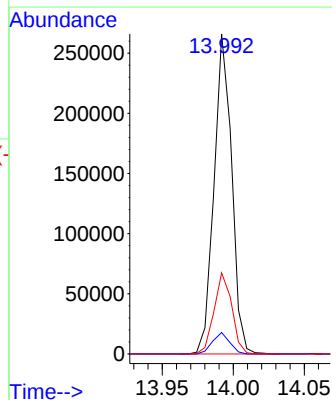
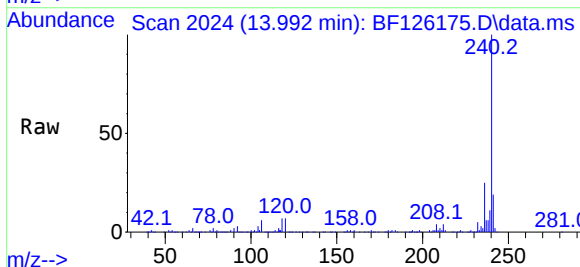
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Tgt Ion:188 Resp: 388937
Ion Ratio Lower Upper
188 100
94 6.2 6.7 10.1#
80 6.8 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF126175.D
Acq: 13 Nov 2021 18:49

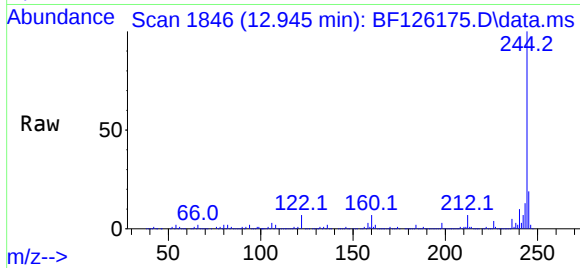
Tgt Ion:240 Resp: 228914
Ion Ratio Lower Upper
240 100
120 6.7 10.8 16.2#
236 25.4 21.6 32.4



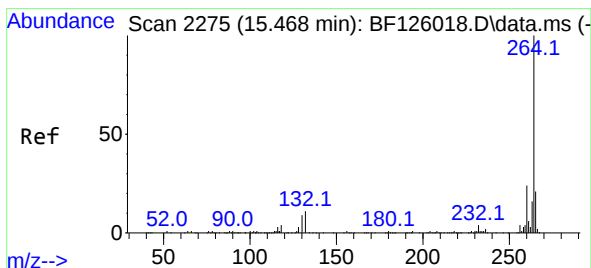
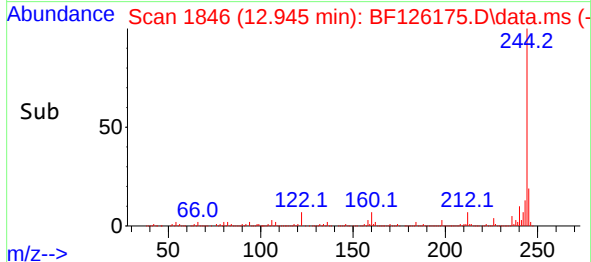
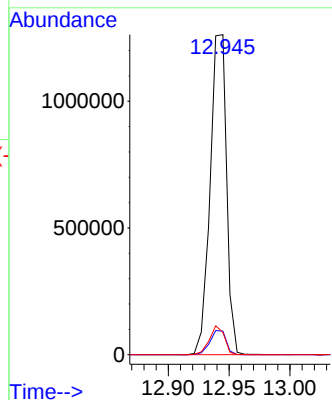


#79
 Terphenyl-d14
 Concen: 83.779 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126175.D
 Acq: 13 Nov 2021 18:49

Instrument :
 BNA_F
 ClientSampleId :
 HB-1-(7.5-8)-11-11-21



Tgt Ion:244 Resp: 1189315
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF126175.D
 Acq: 13 Nov 2021 18:49

Tgt Ion:264 Resp: 340551
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.8 17.2 25.8

