

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134634.D
 Acq On : 04 Aug 2023 15:56
 Operator : CG\JU
 Sample : 03840-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUILDING-B-5-(5-10)

Quant Time: Aug 05 00:07:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

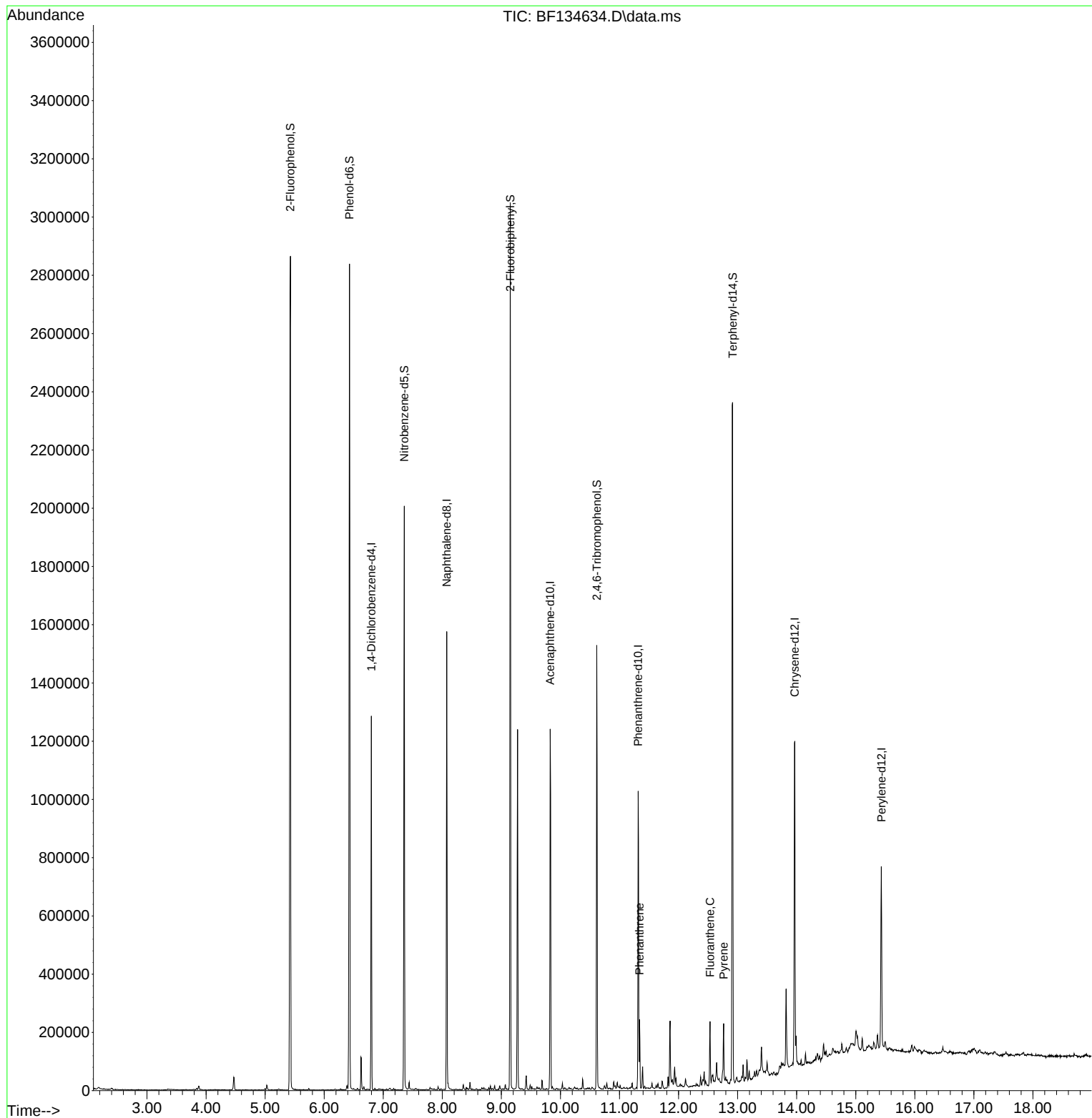
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	162784	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	602025	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	240912	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	359941	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	370666	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	273386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	784426	73.251	ng	0.00
7) Phenol-d6	6.428	99	982431	71.767	ng	-0.01
23) Nitrobenzene-d5	7.357	82	542768	56.342	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	168673	68.682	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	859592	59.326	ng	-0.01
79) Terphenyl-d14	12.916	244	870923	41.421	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.339	178	79122	4.138	ng	95
75) Fluoranthene	12.533	202	79381	3.931	ng	97
78) Pyrene	12.763	202	76401	2.382	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134634.D
Acq On : 04 Aug 2023 15:56
Operator : CG\JU
Sample : 03840-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

Quant Time: Aug 05 00:07:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

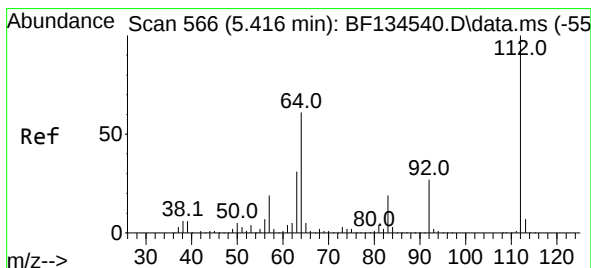
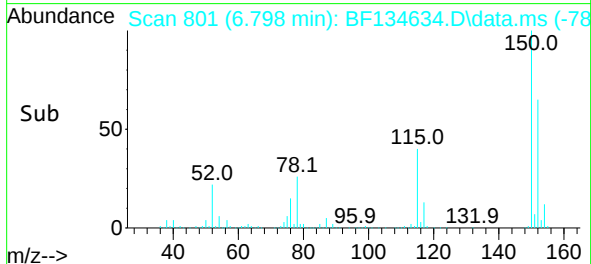
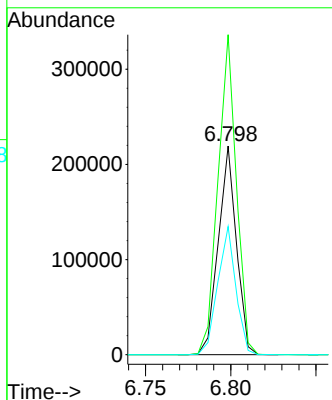
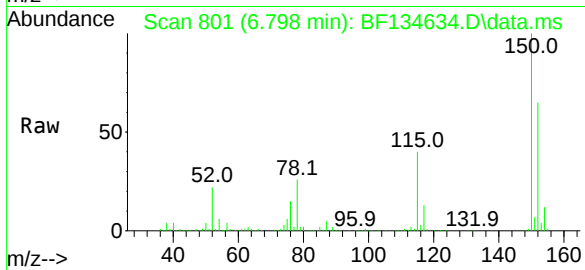




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

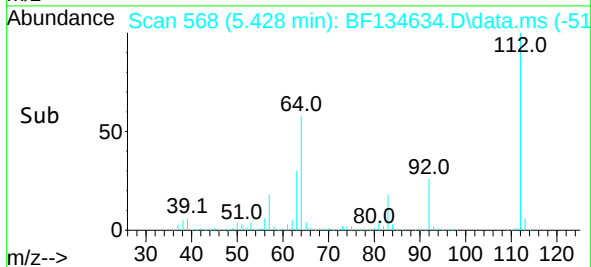
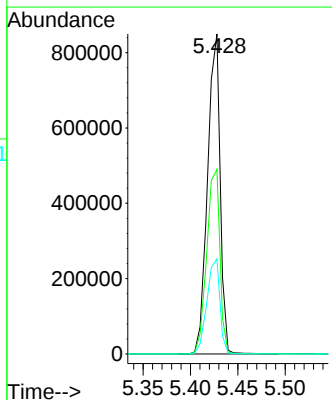
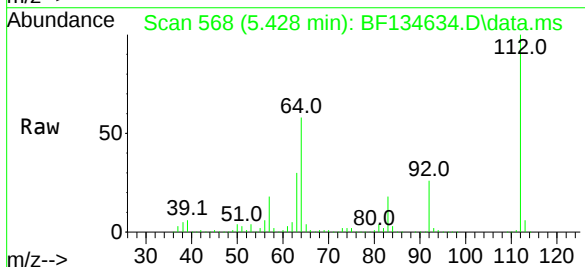
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

Tgt Ion:152 Resp: 162784
Ion Ratio Lower Upper
152 100
150 153.4 128.3 192.5
115 61.4 52.4 78.6



#5
2-Fluorophenol
Concen: 73.251 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

Tgt Ion:112 Resp: 784426
Ion Ratio Lower Upper
112 100
64 57.6 44.9 67.3
63 29.7 25.4 38.0

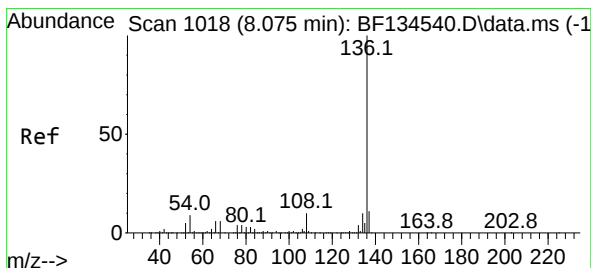
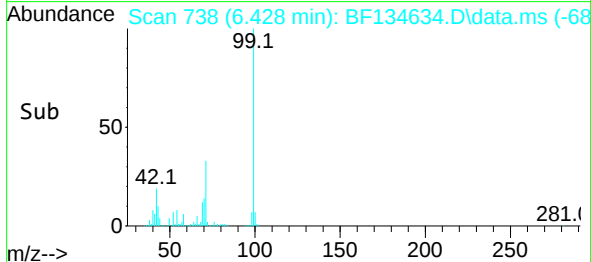
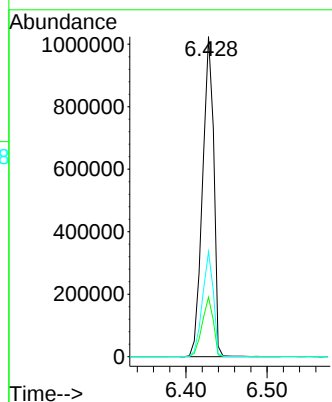
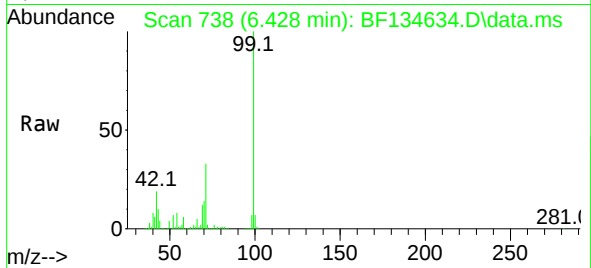




#7
Phenol-d6
Concen: 71.767 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

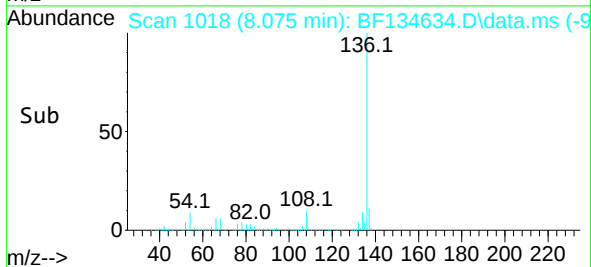
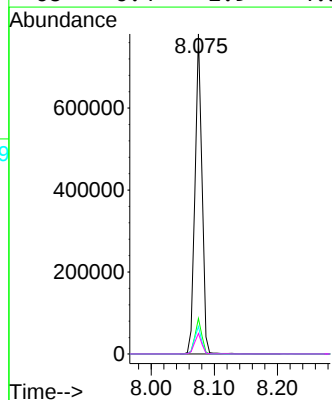
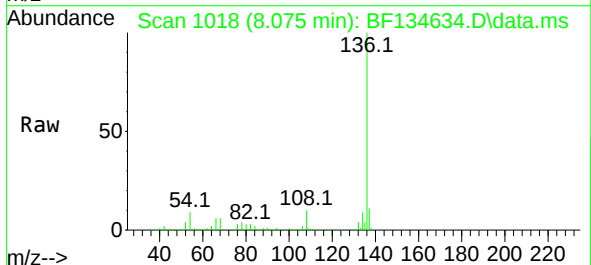
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

Tgt Ion: 99 Resp: 982431
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 32.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

Tgt Ion: 136 Resp: 602025
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 56.342 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134634.D

Acq: 04 Aug 2023 15:56

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)

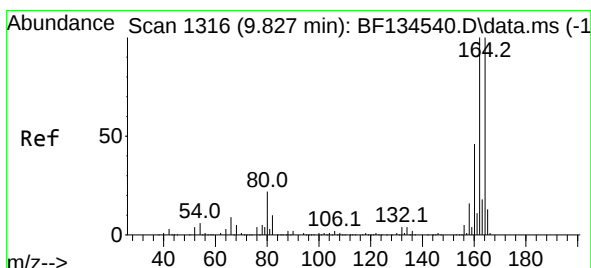
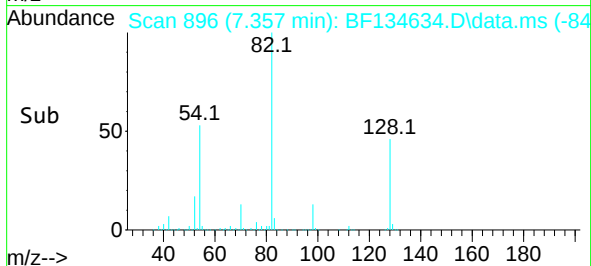
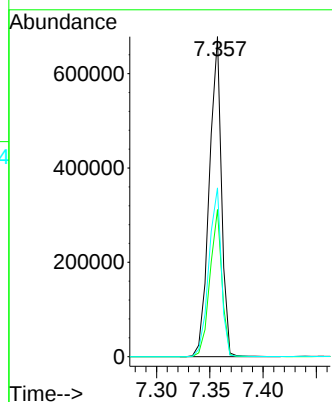
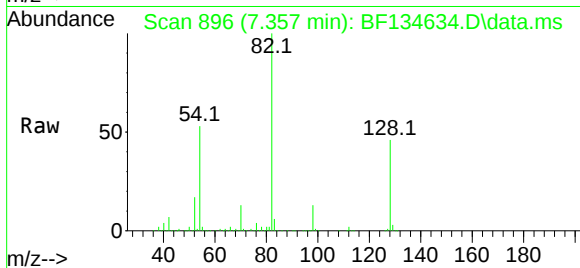
Tgt Ion: 82 Resp: 542768

Ion Ratio Lower Upper

82 100

128 46.0 34.3 51.5

54 52.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134634.D

Acq: 04 Aug 2023 15:56

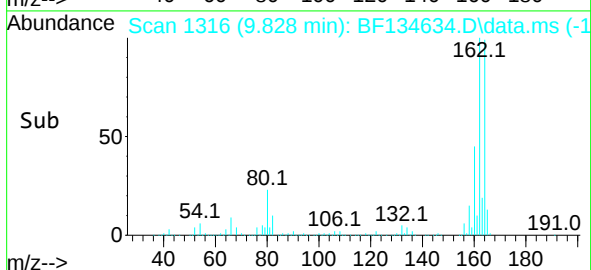
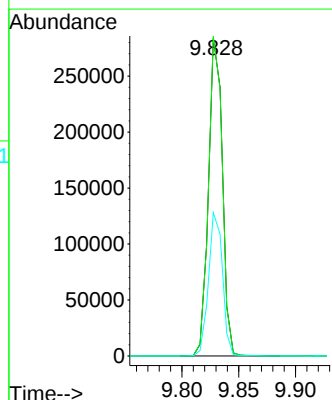
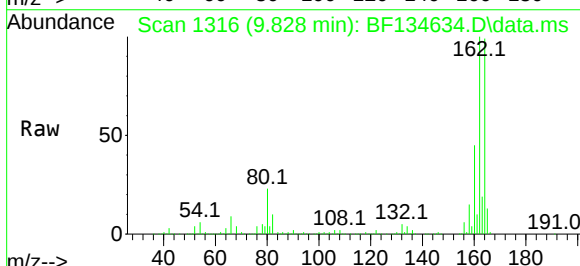
Tgt Ion: 164 Resp: 240912

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

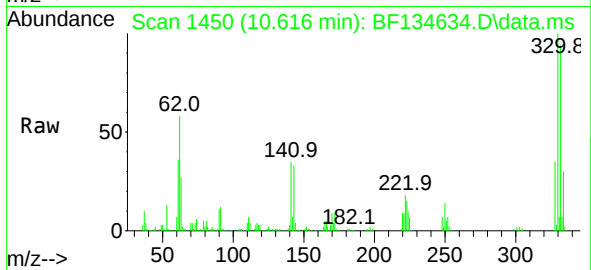
160 45.1 37.2 55.8



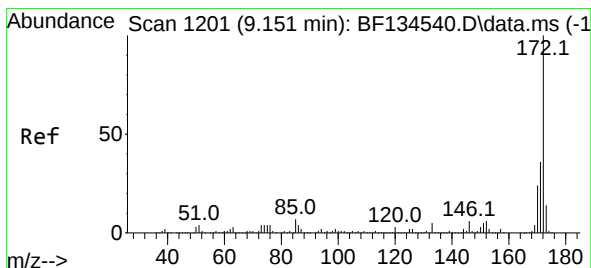
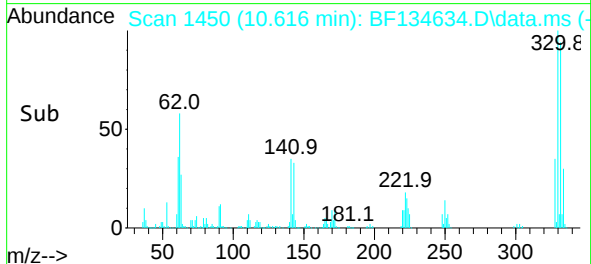
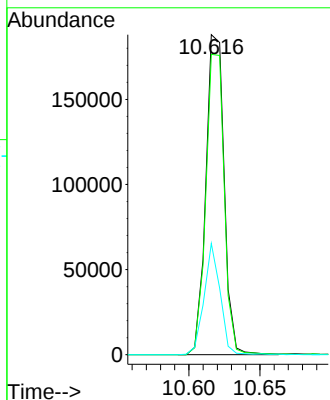


#42
2,4,6-Tribromophenol
Concen: 68.682 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

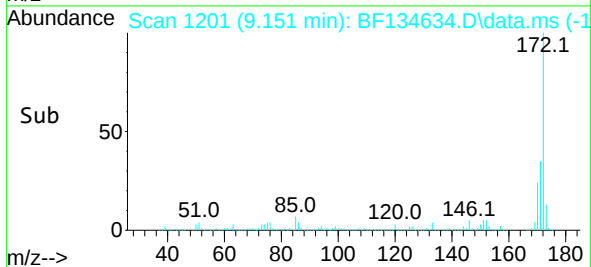
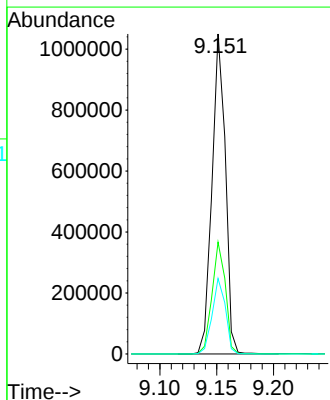
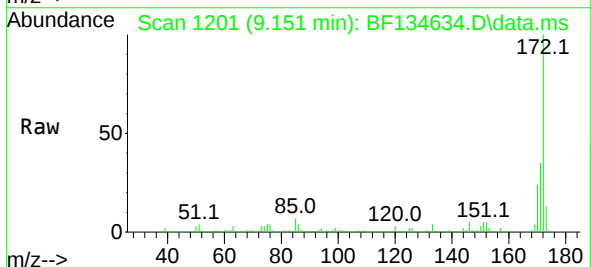


Tgt Ion:330 Resp: 168673
Ion Ratio Lower Upper
330 100
332 94.5 78.8 118.2
141 30.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.326 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

Tgt Ion:172 Resp: 859592
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134634.D

Acq: 04 Aug 2023 15:56

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)

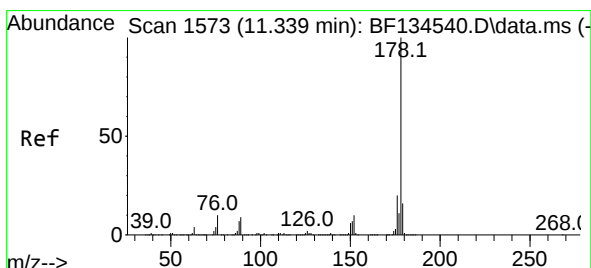
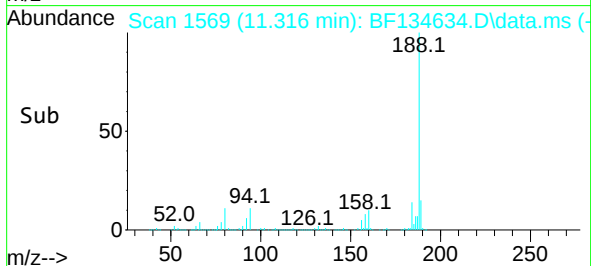
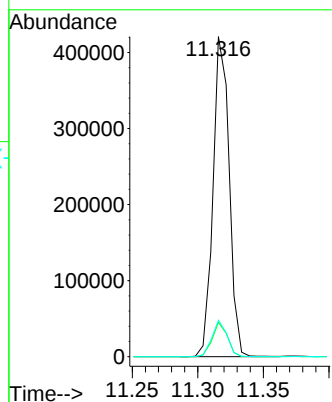
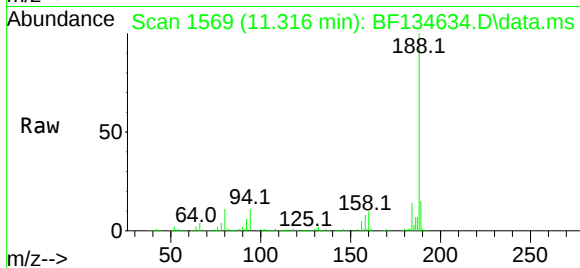
Tgt Ion:188 Resp: 359941

Ion Ratio Lower Upper

188 100

94 10.7 5.1 7.7#

80 11.4 6.6 9.8#



#71

Phenanthrene

Concen: 4.138 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.012 min

Lab File: BF134634.D

Acq: 04 Aug 2023 15:56

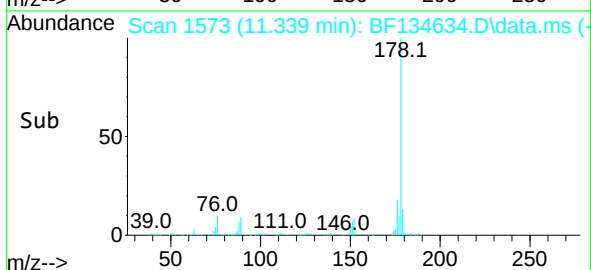
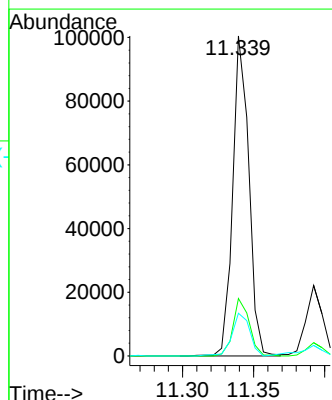
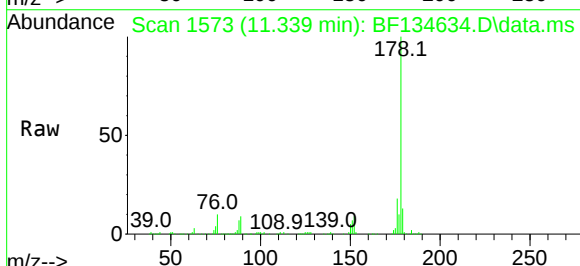
Tgt Ion:178 Resp: 79122

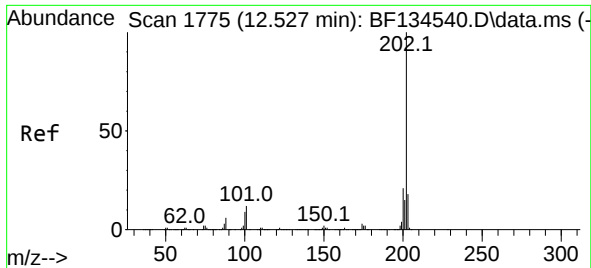
Ion Ratio Lower Upper

178 100

176 17.9 15.8 23.6

179 13.4 12.7 19.1

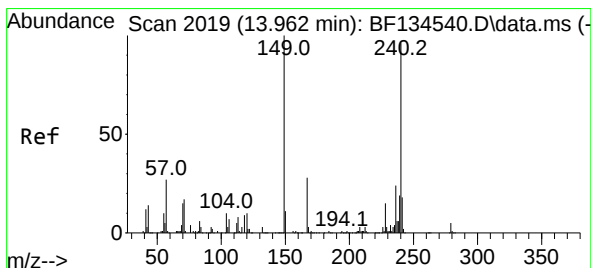
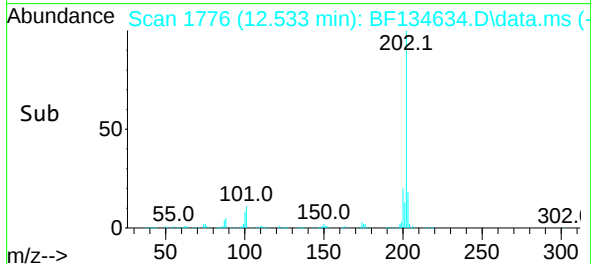
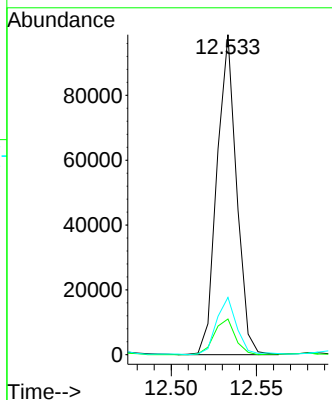
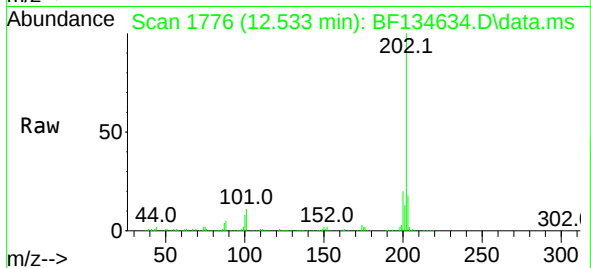




#75
Fluoranthene
Concen: 3.931 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

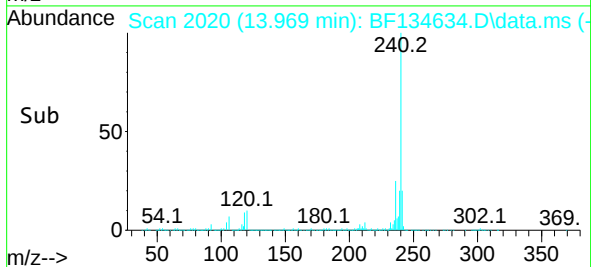
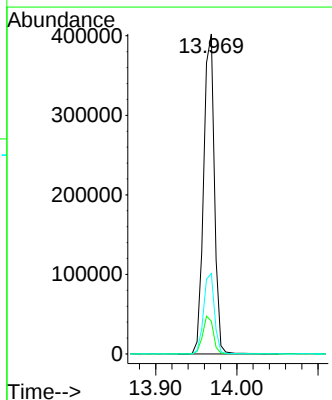
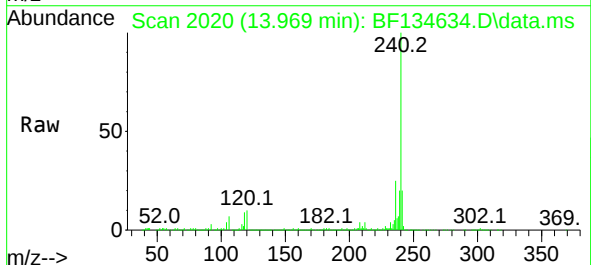
Instrument :
BNA_F
ClientSampleId :
BUILDING-B-5-(5-10)

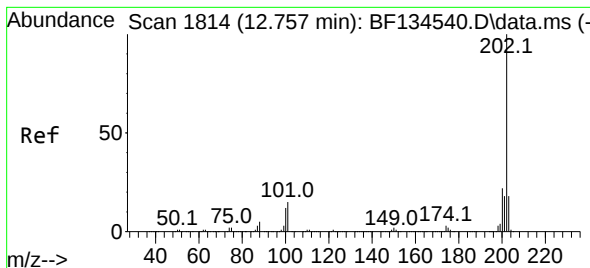
Tgt Ion:202 Resp: 79381
Ion Ratio Lower Upper
202 100
101 11.1 0.0 28.5
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134634.D
Acq: 04 Aug 2023 15:56

Tgt Ion:240 Resp: 370666
Ion Ratio Lower Upper
240 100
120 10.3 6.6 10.0#
236 25.2 20.2 30.2





#78

Pyrene

Concen: 2.382 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134634.D

Acq: 04 Aug 2023 15:56

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)

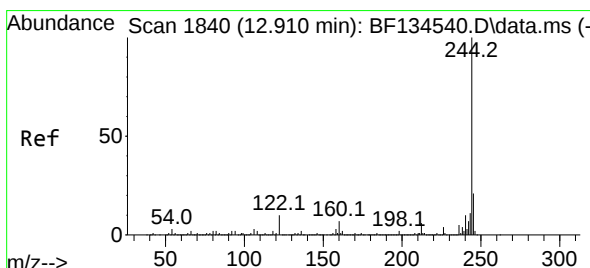
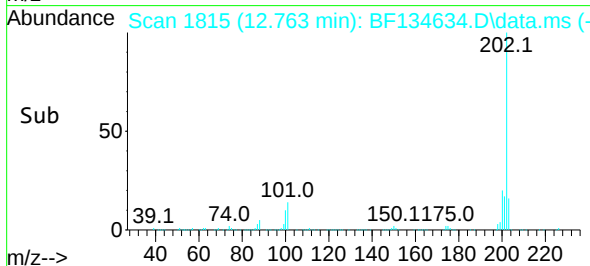
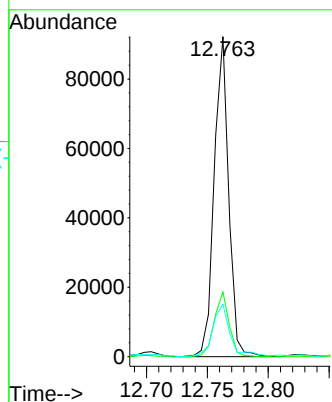
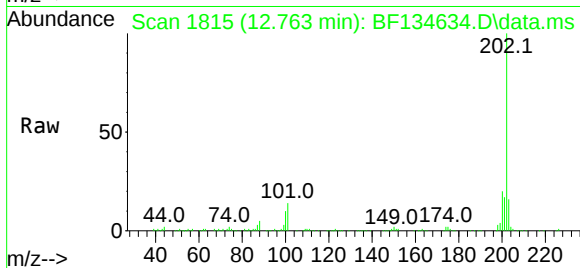
Tgt Ion:202 Resp: 76401

Ion Ratio Lower Upper

202 100

200 20.3 15.8 23.8

203 16.4 13.5 20.3



#79

Terphenyl-d14

Concen: 41.421 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134634.D

Acq: 04 Aug 2023 15:56

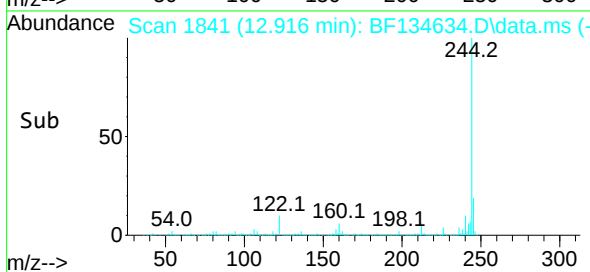
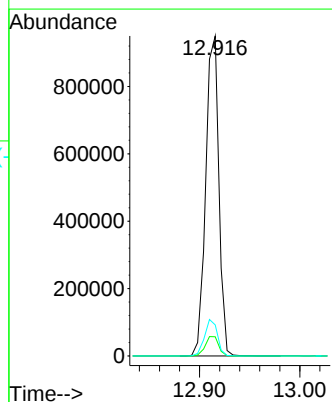
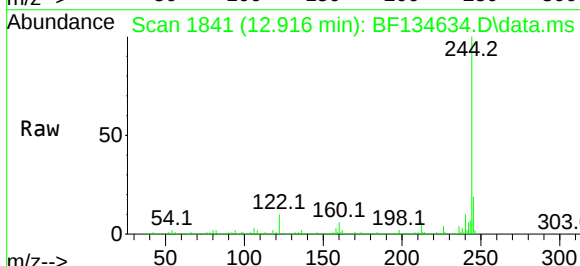
Tgt Ion:244 Resp: 870923

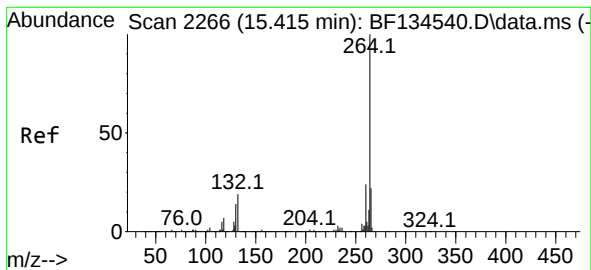
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 9.7 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134634.D

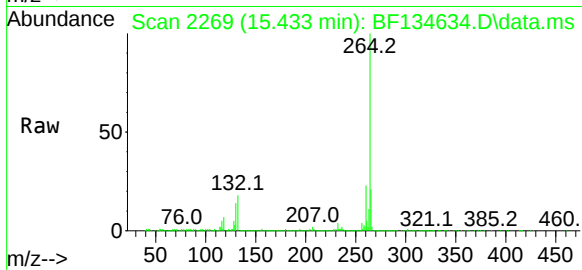
Acq: 04 Aug 2023 15:56

Instrument :

BNA_F

ClientSampleId :

BUILDING-B-5-(5-10)



Tgt Ion:264 Resp: 273386

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.1 15.8 23.8

