

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134808.D
 Acq On : 16 Aug 2023 14:48
 Operator : CG\JU
 Sample : 04022-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: Aug 17 01:33:32 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	139938	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	531659	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	228919	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	359244	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	258846	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	190574	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	709676	77.090	ng	0.00
7) Phenol-d6	6.434	99	870717	73.991	ng	0.00
23) Nitrobenzene-d5	7.363	82	526397	61.874	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	179949	77.112	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	945422	68.668	ng	0.00
79) Terphenyl-d14	12.922	244	914899	62.309	ng	0.00

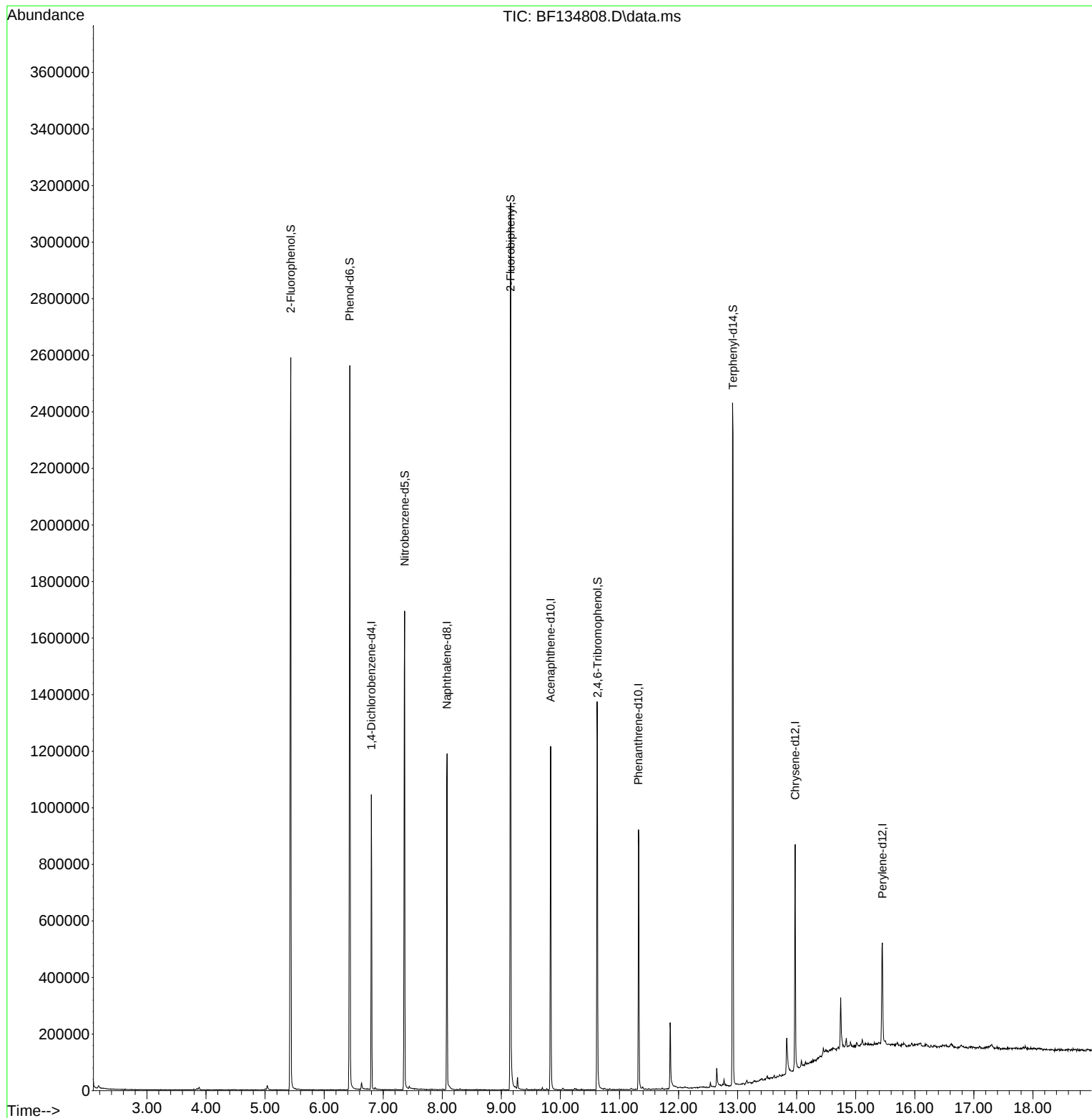
Target Compounds	Qvalue

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

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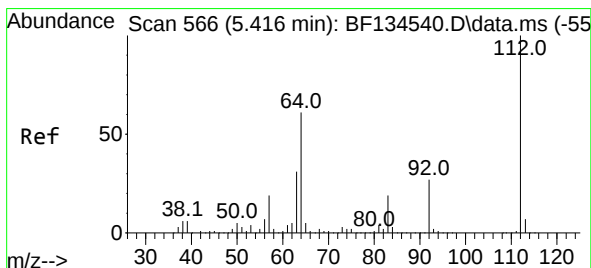
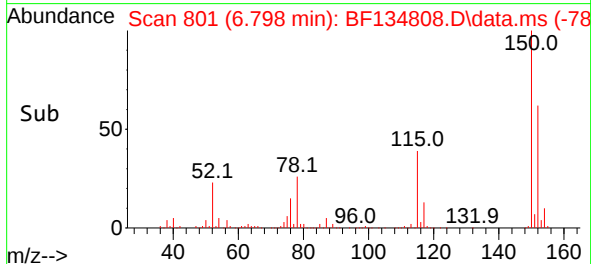
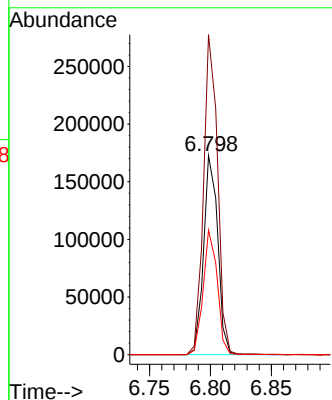
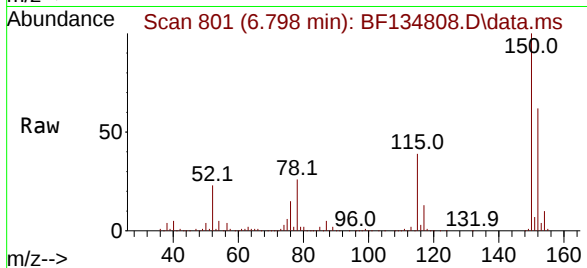




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF134808.D
 Acq: 16 Aug 2023 14:48

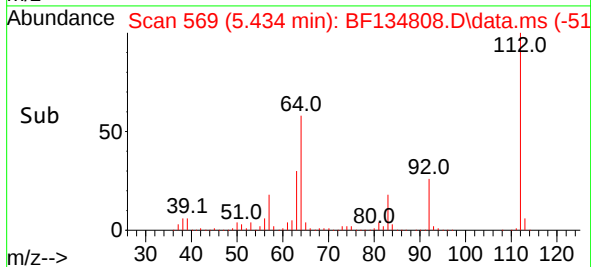
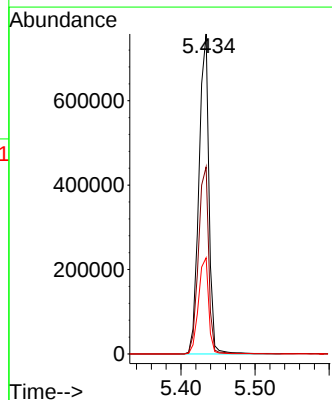
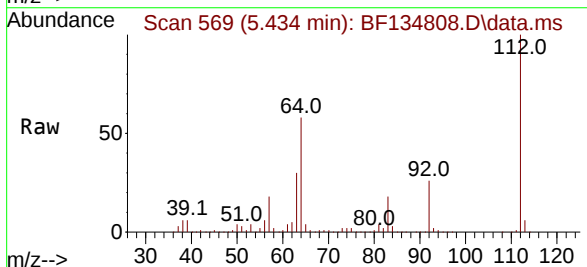
Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tgt Ion:152 Resp: 139938
 Ion Ratio Lower Upper
 152 100
 150 160.7 128.3 192.5
 115 62.6 52.4 78.6



#5
 2-Fluorophenol
 Concen: 77.090 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134808.D
 Acq: 16 Aug 2023 14:48

Tgt Ion:112 Resp: 709676
 Ion Ratio Lower Upper
 112 100
 64 58.5 44.9 67.3
 63 30.0 25.4 38.0

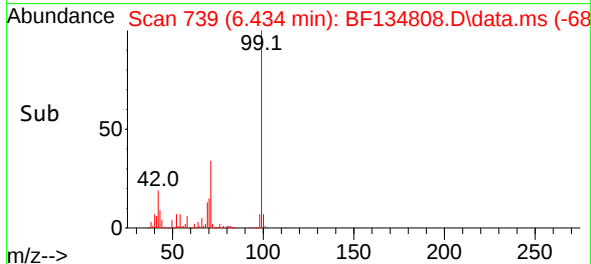
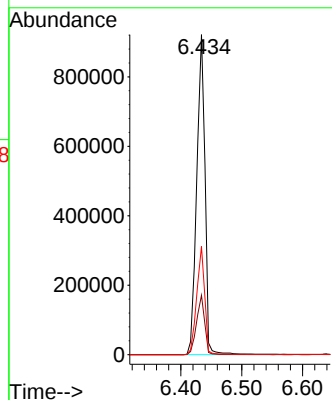
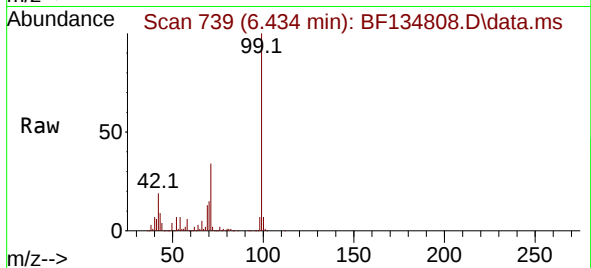




#7
Phenol-d6
Concen: 73.991 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

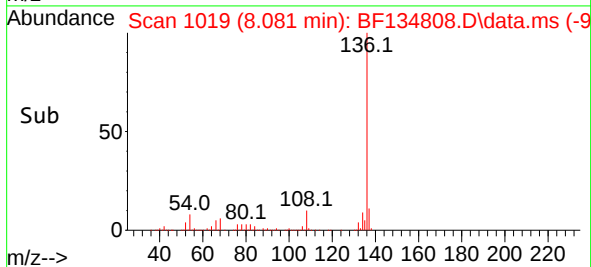
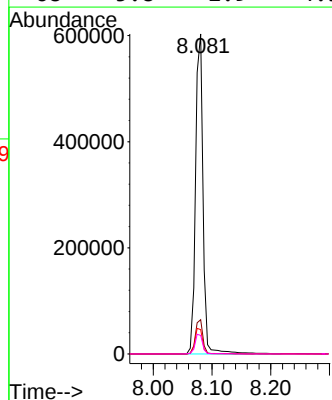
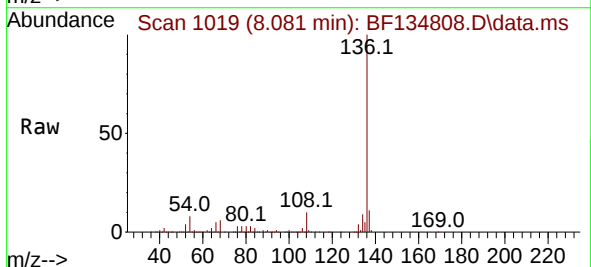
Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion: 99 Resp: 870717
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 33.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion: 136 Resp: 531659
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 5.2 7.8
68 5.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 61.874 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

Instrument :

BNA_F

ClientSampleId :

TP-15

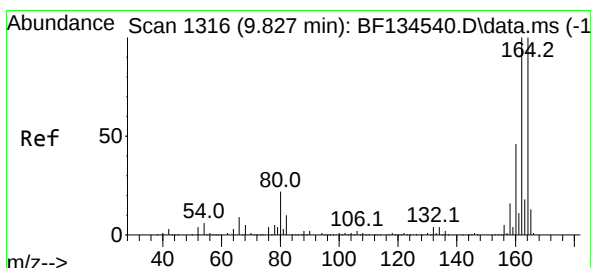
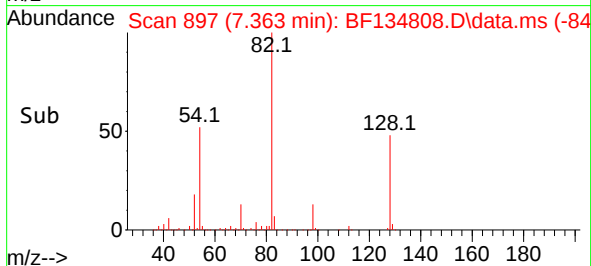
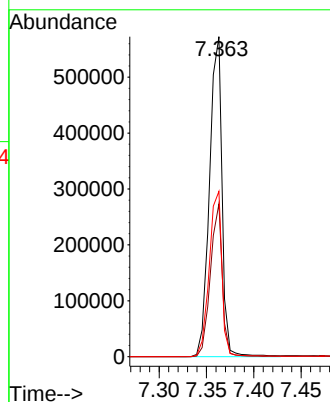
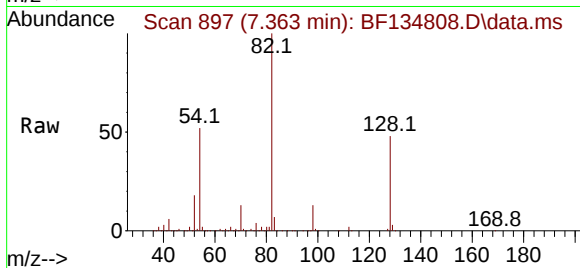
Tgt Ion: 82 Resp: 526397

Ion Ratio Lower Upper

82 100

128 47.7 34.3 51.5

54 51.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

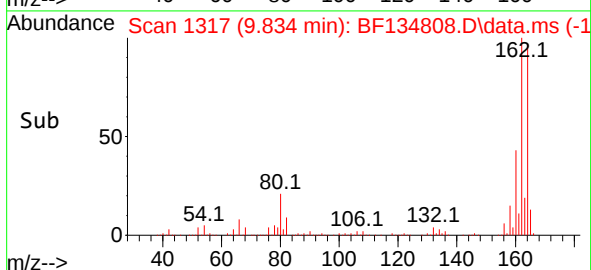
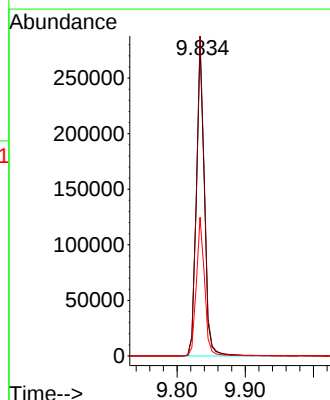
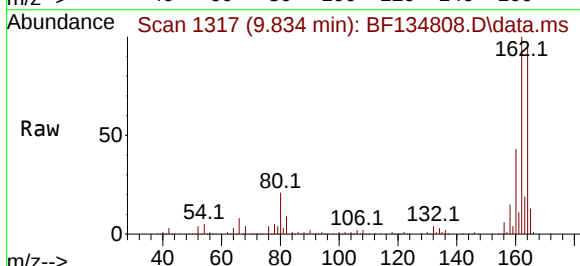
Tgt Ion:164 Resp: 228919

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

160 44.6 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 77.112 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

Instrument :

BNA_F

ClientSampleId :

TP-15

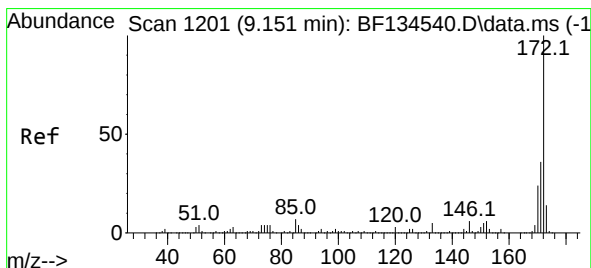
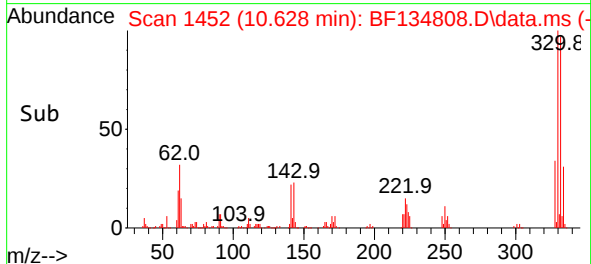
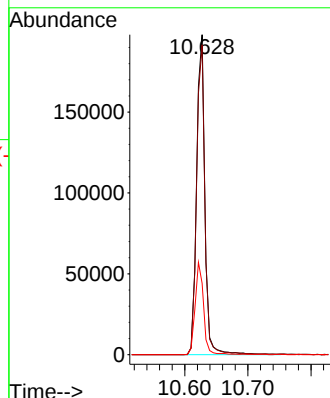
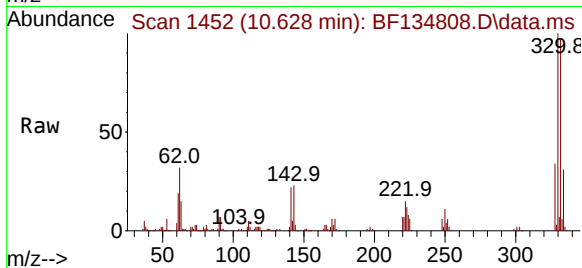
Tgt Ion:330 Resp: 179949

Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 29.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 68.668 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

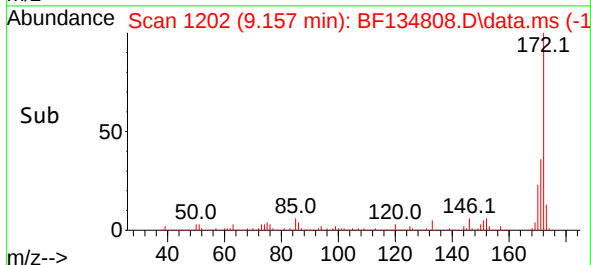
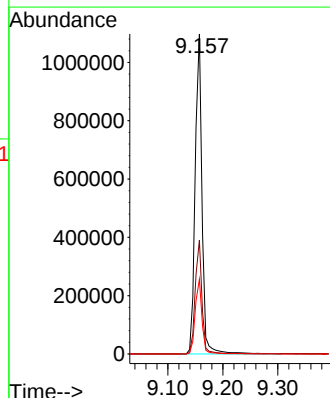
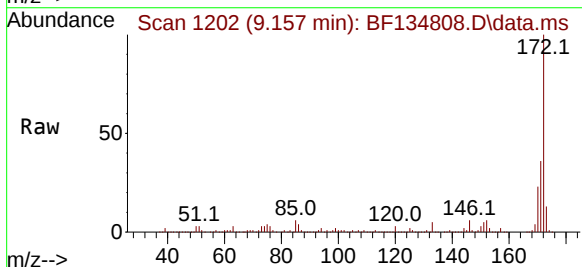
Tgt Ion:172 Resp: 945422

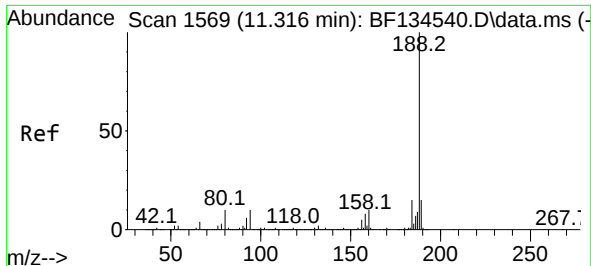
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 18.7 28.1

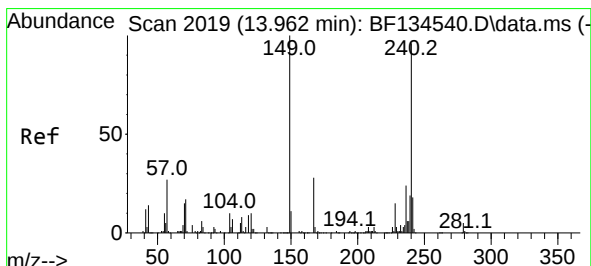
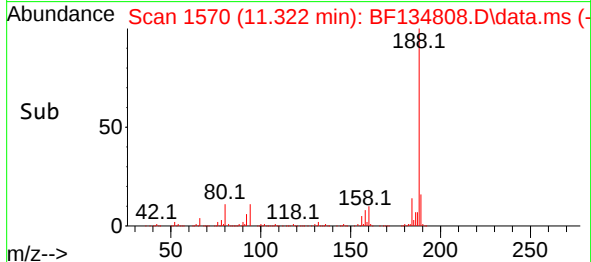
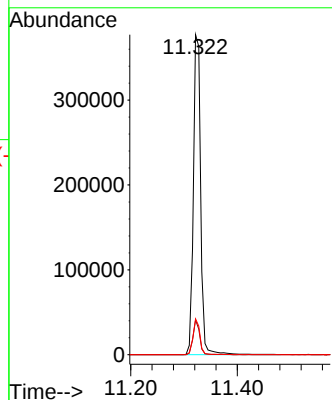
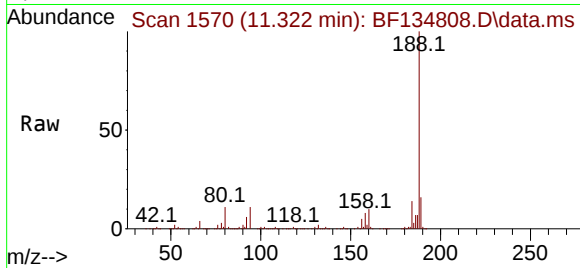




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

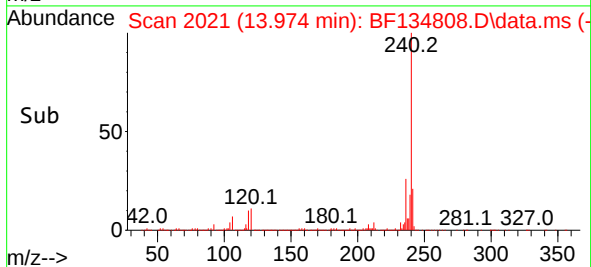
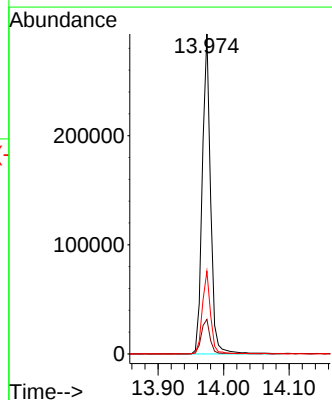
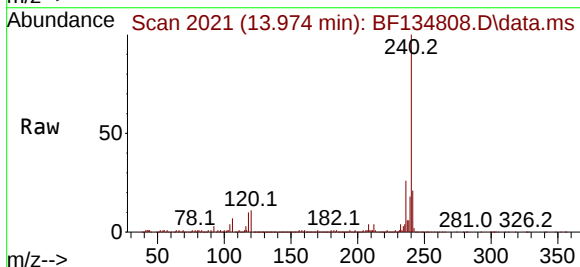
Instrument :
BNA_F
ClientSampleId :
TP-15

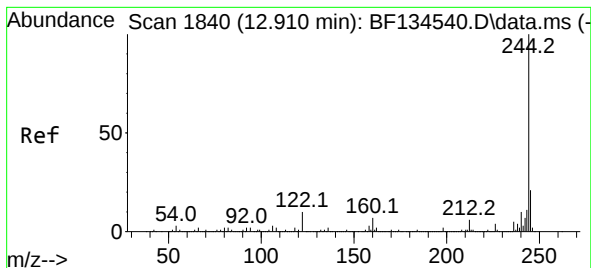
Tgt Ion:188 Resp: 359244
Ion Ratio Lower Upper
188 100
94 10.9 5.1 7.7#
80 11.2 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF134808.D
Acq: 16 Aug 2023 14:48

Tgt Ion:240 Resp: 258846
Ion Ratio Lower Upper
240 100
120 10.8 6.6 10.0#
236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 62.309 ng

RT: 12.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

Instrument :

BNA_F

ClientSampleId :

TP-15

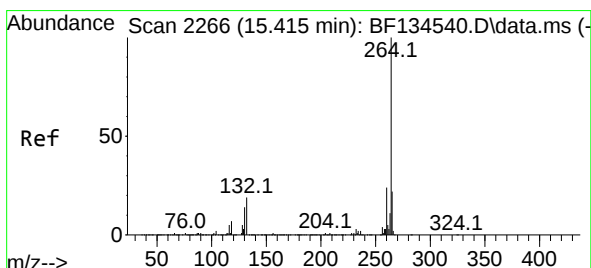
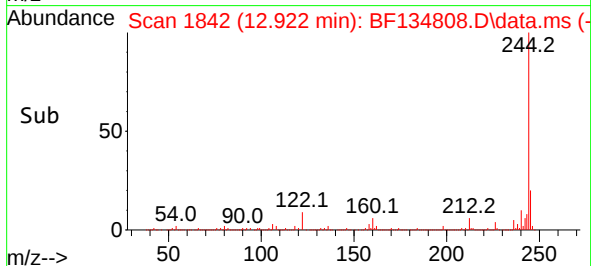
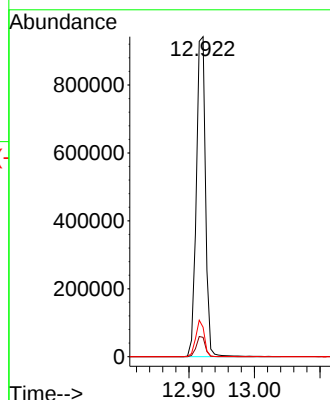
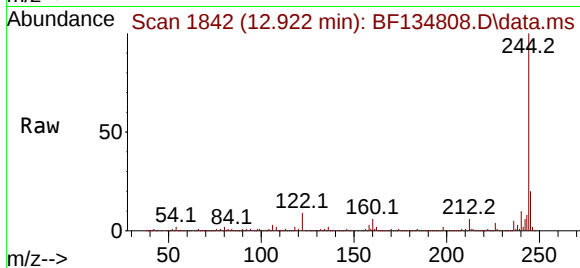
Tgt Ion:244 Resp: 914899

Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 9.2 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF134808.D

Acq: 16 Aug 2023 14:48

Tgt Ion:264 Resp: 190574

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.9 15.8 23.8

