

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134811.D
 Acq On : 16 Aug 2023 16:26
 Operator : CG\JU
 Sample : 04022-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Aug 17 01:34:37 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	159223	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	603812	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	263270	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	394907	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	291246	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	217006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	803914	76.750	ng	0.00
7) Phenol-d6	6.434	99	995632	74.358	ng	0.00
23) Nitrobenzene-d5	7.363	82	601386	62.242	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	209606	78.101	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1078507	68.114	ng	0.00
79) Terphenyl-d14	12.916	244	1020363	61.761	ng	0.00

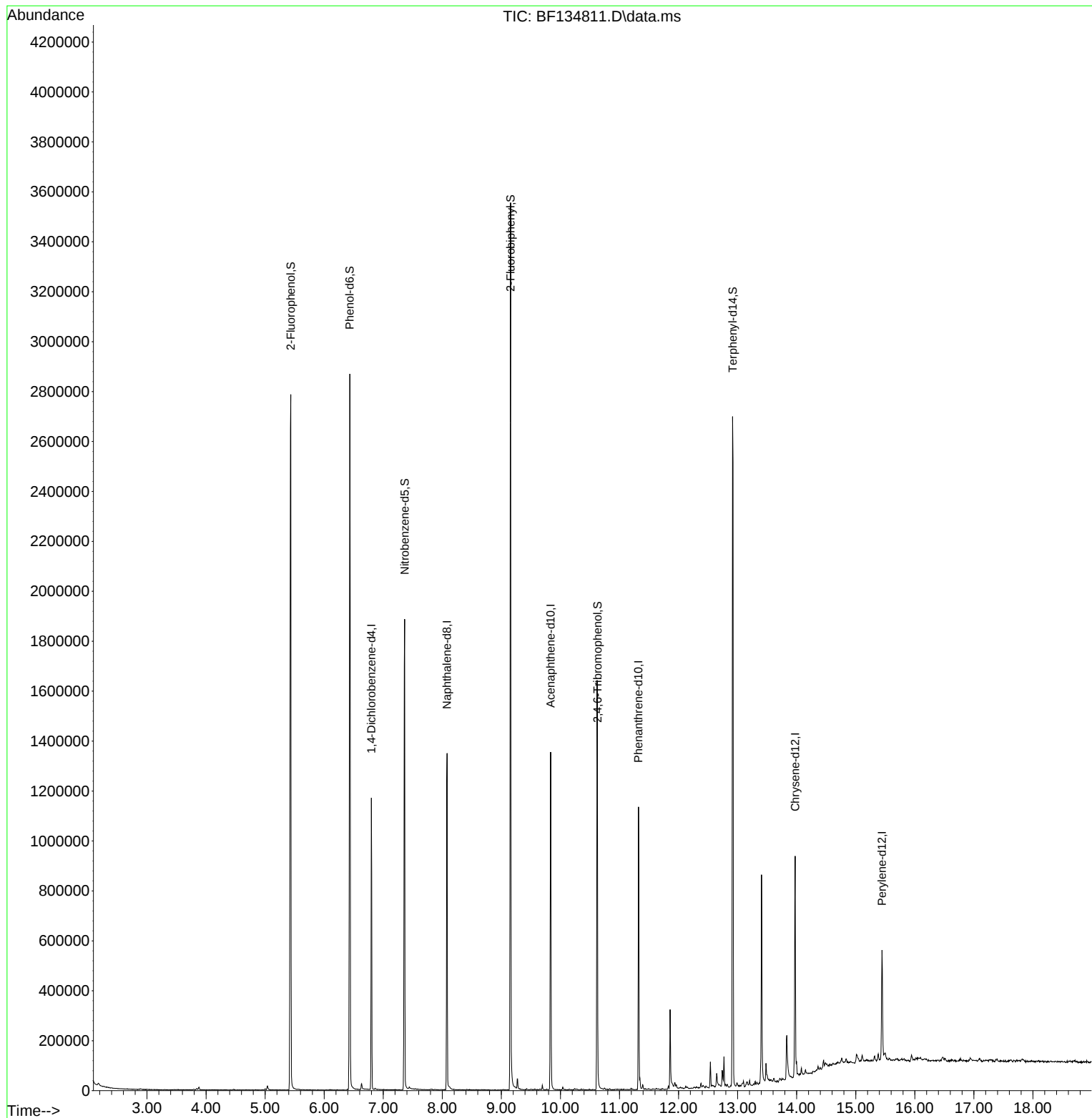
Target Compounds	Qvalue

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

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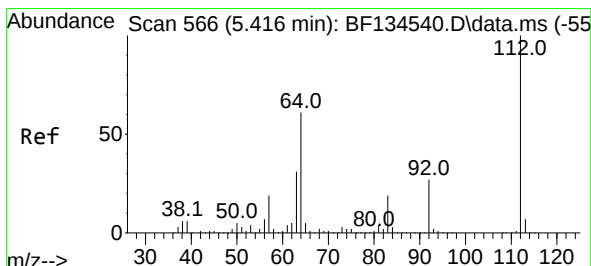
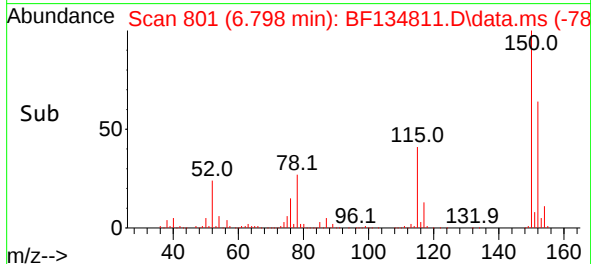
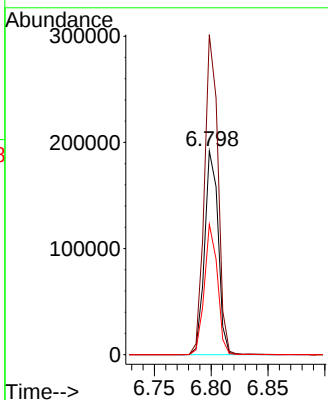
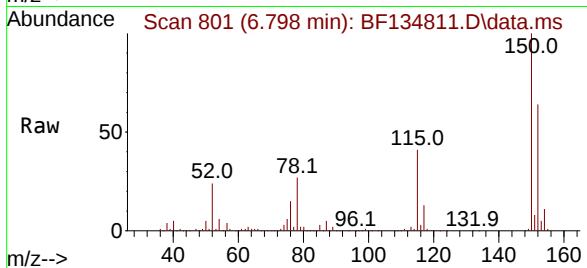




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134811.D
 Acq: 16 Aug 2023 16:26

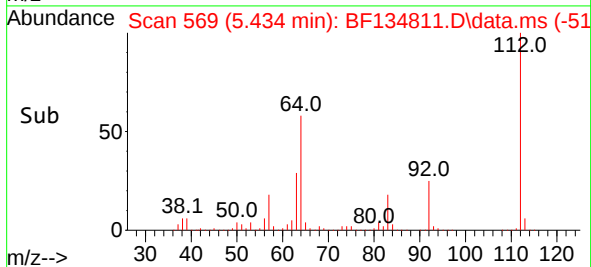
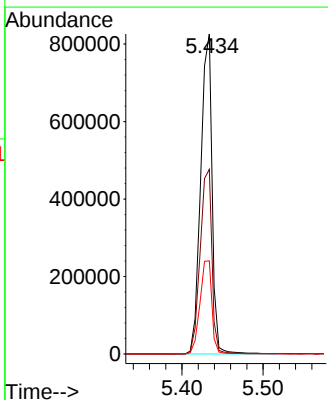
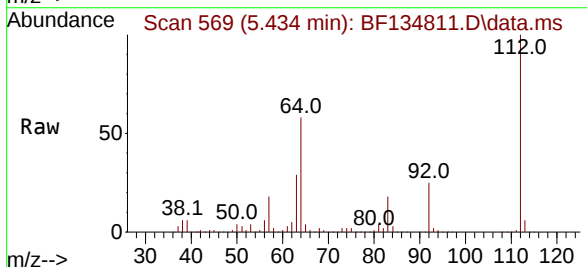
Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Tgt Ion:152 Resp: 159223
 Ion Ratio Lower Upper
 152 100
 150 157.1 128.3 192.5
 115 64.0 52.4 78.6



#5
 2-Fluorophenol
 Concen: 76.750 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134811.D
 Acq: 16 Aug 2023 16:26

Tgt Ion:112 Resp: 803914
 Ion Ratio Lower Upper
 112 100
 64 57.7 44.9 67.3
 63 29.1 25.4 38.0





#7
Phenol-d6
Concen: 74.358 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

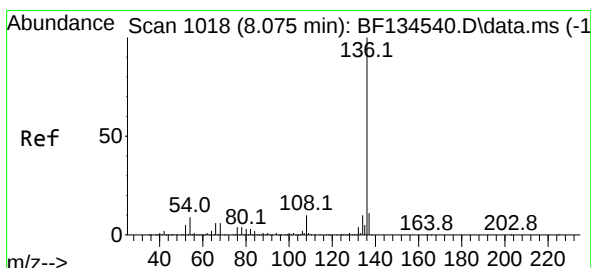
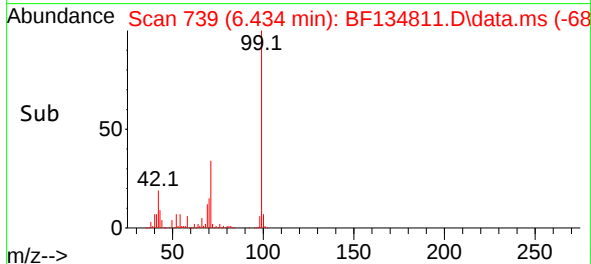
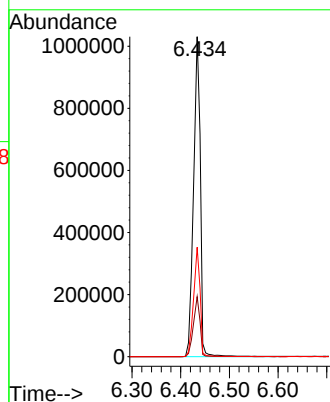
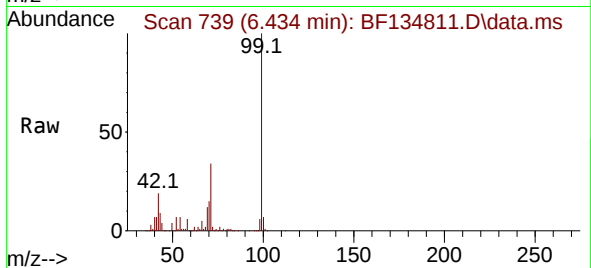
Instrument :

BNA_F

ClientSampleId :

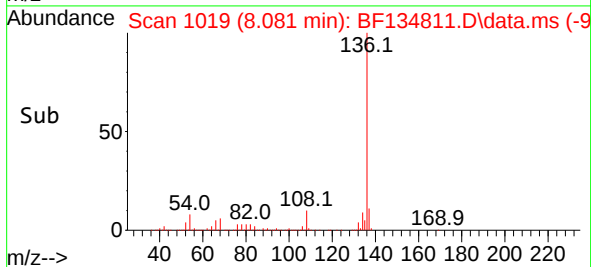
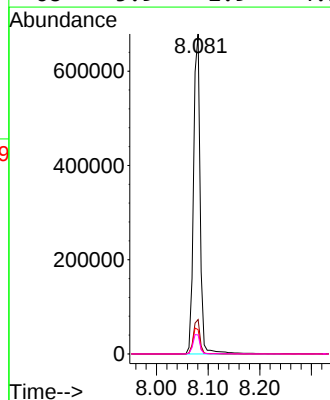
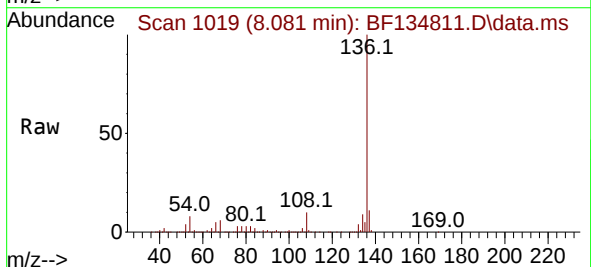
TP-16

Tgt Ion: 99 Resp: 995632
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 34.2 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: BF134811.D
Acq: 16 Aug 2023 16:26

Tgt Ion:136 Resp: 603812
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.6 5.2 7.8
68 5.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 62.242 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-16

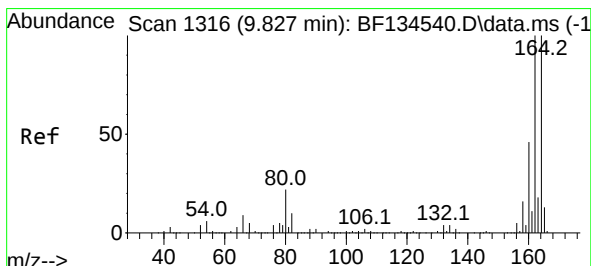
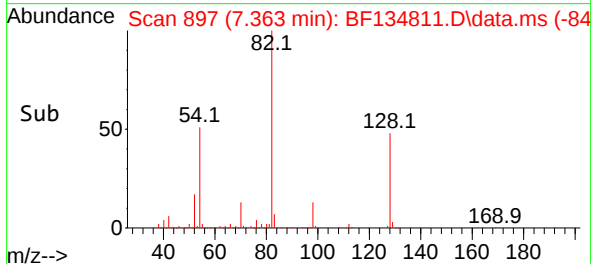
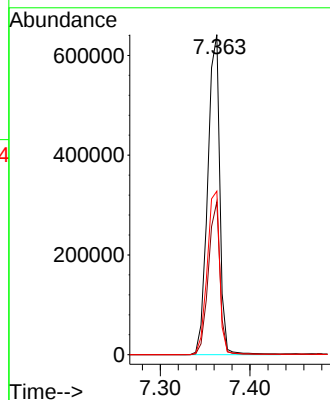
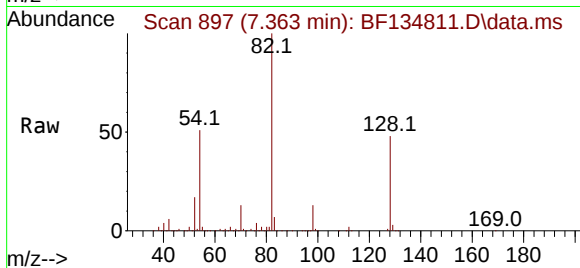
Tgt Ion: 82 Resp: 601386

Ion Ratio Lower Upper

82 100

128 47.8 34.3 51.5

54 51.1 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

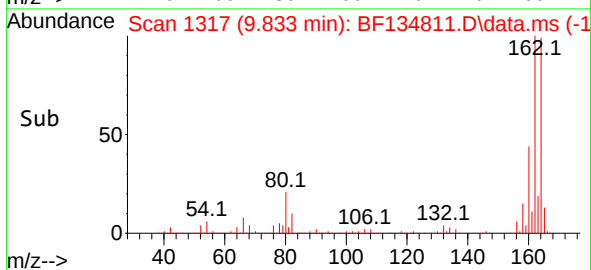
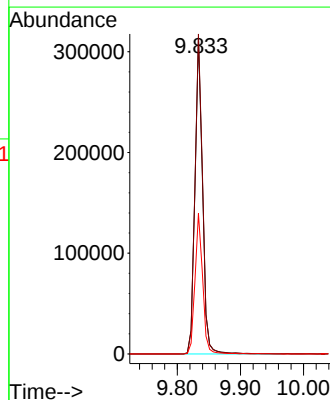
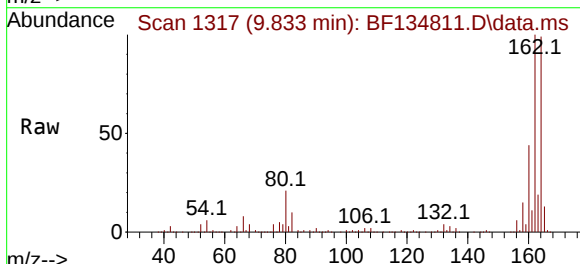
Tgt Ion:164 Resp: 263270

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

160 44.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 78.101 ng

RT: 10.628 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-16

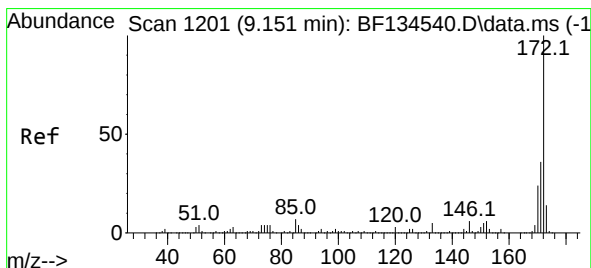
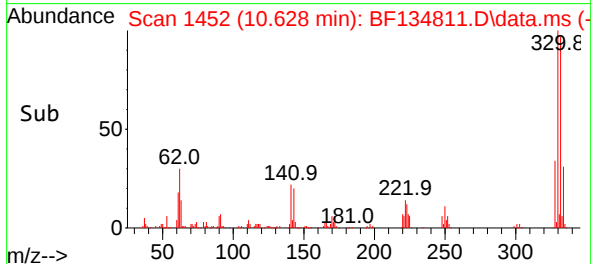
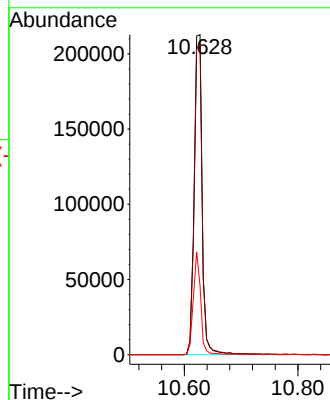
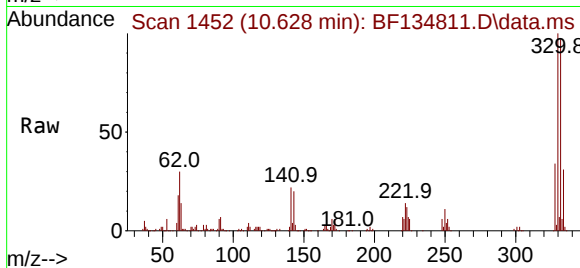
Tgt Ion:330 Resp: 209606

Ion Ratio Lower Upper

330 100

332 96.7 78.8 118.2

141 29.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 68.114 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134811.D

Acq: 16 Aug 2023 16:26

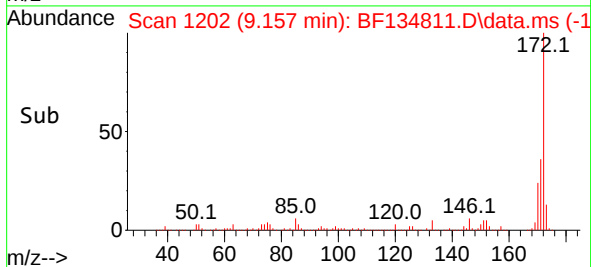
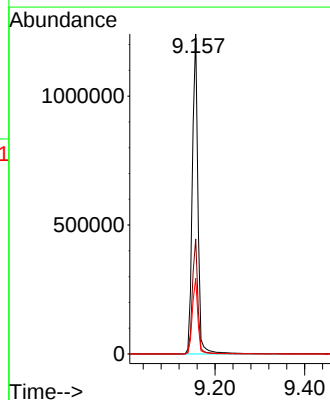
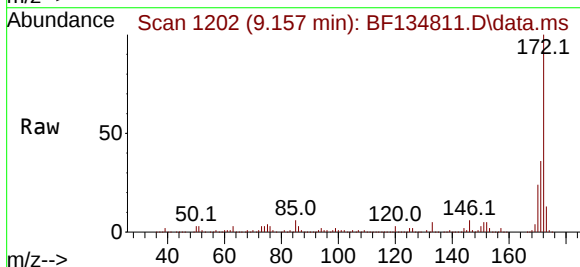
Tgt Ion:172 Resp: 1078507

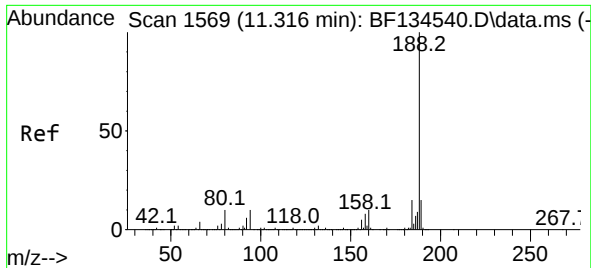
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.6 18.7 28.1

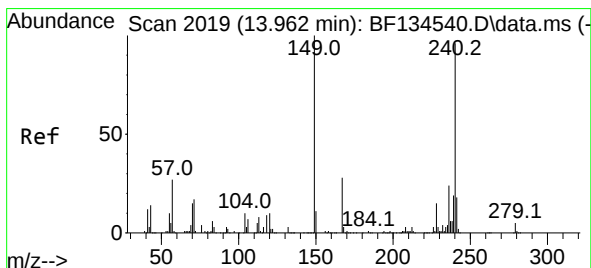
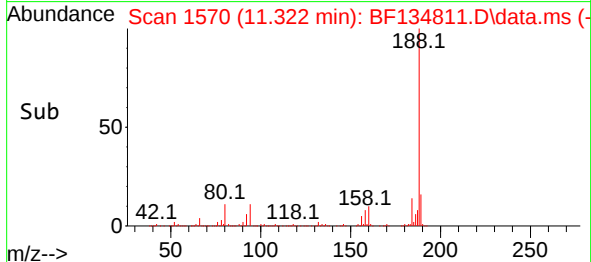
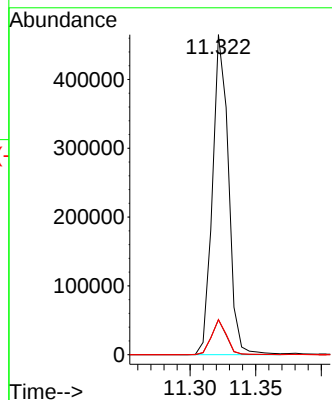
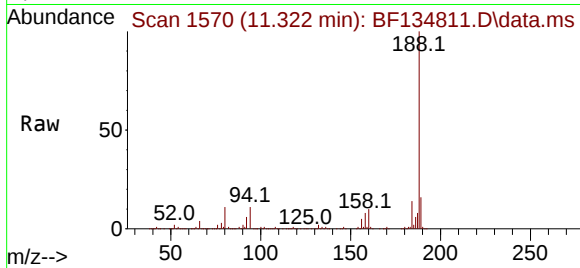




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

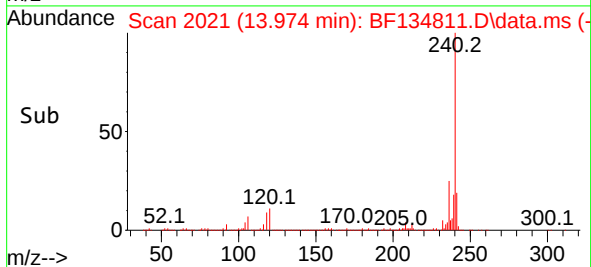
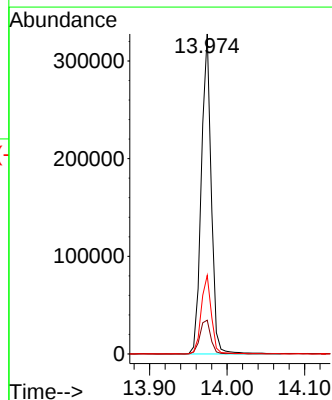
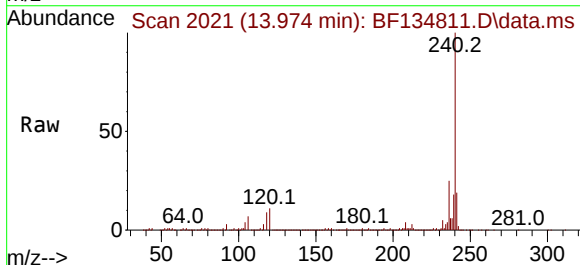
Instrument :
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TP-16

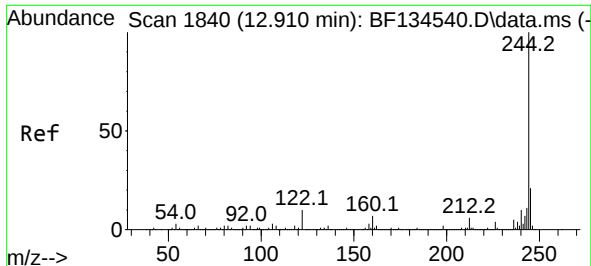
Tgt Ion:188 Resp: 394907
Ion Ratio Lower Upper
188 100
94 11.0 5.1 7.7#
80 11.0 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF134811.D
Acq: 16 Aug 2023 16:26

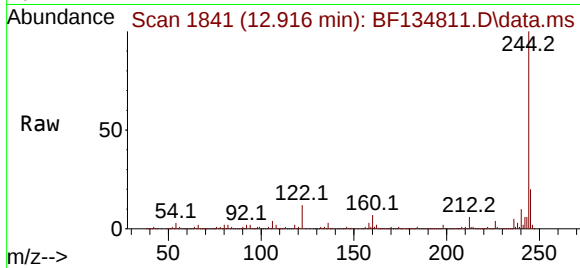
Tgt Ion:240 Resp: 291246
Ion Ratio Lower Upper
240 100
120 10.5 6.6 10.0#
236 24.5 20.2 30.2



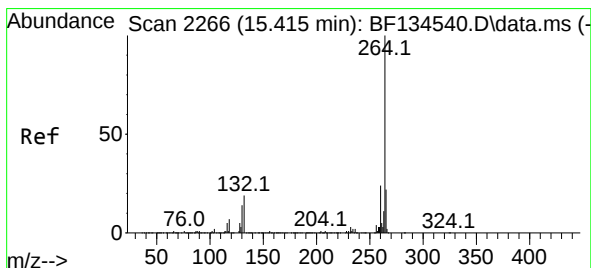
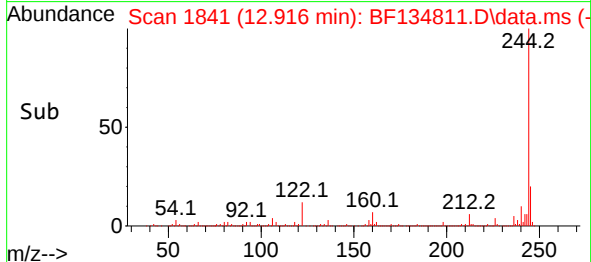
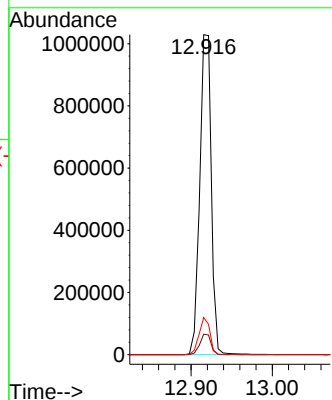


#79
 Terphenyl-d14
 Concen: 61.761 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134811.D
 Acq: 16 Aug 2023 16:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-16



Tgt Ion:244 Resp: 1020363
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134811.D
 Acq: 16 Aug 2023 16:26

Tgt Ion:264 Resp: 217006
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 20.7 15.8 23.8

