

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134340.D
 Acq On : 18 Jul 2023 16:18
 Operator : CG\JU
 Sample : 03597-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-47-(2-5)

Quant Time: Jul 18 18:02:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	74700	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	307014	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	163768	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	333545	20.000	ng	0.00
76) Chrysene-d12	14.033	240	199013	20.000	ng	0.00
86) Perylene-d12	15.539	264	168989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	353607	79.184	ng	0.00
7) Phenol-d6	6.481	99	391196	71.232	ng	0.00
23) Nitrobenzene-d5	7.398	82	279334	49.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	166867	81.267	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	591088	52.475	ng	-0.01
79) Terphenyl-d14	12.969	244	588456	47.588	ng	0.00

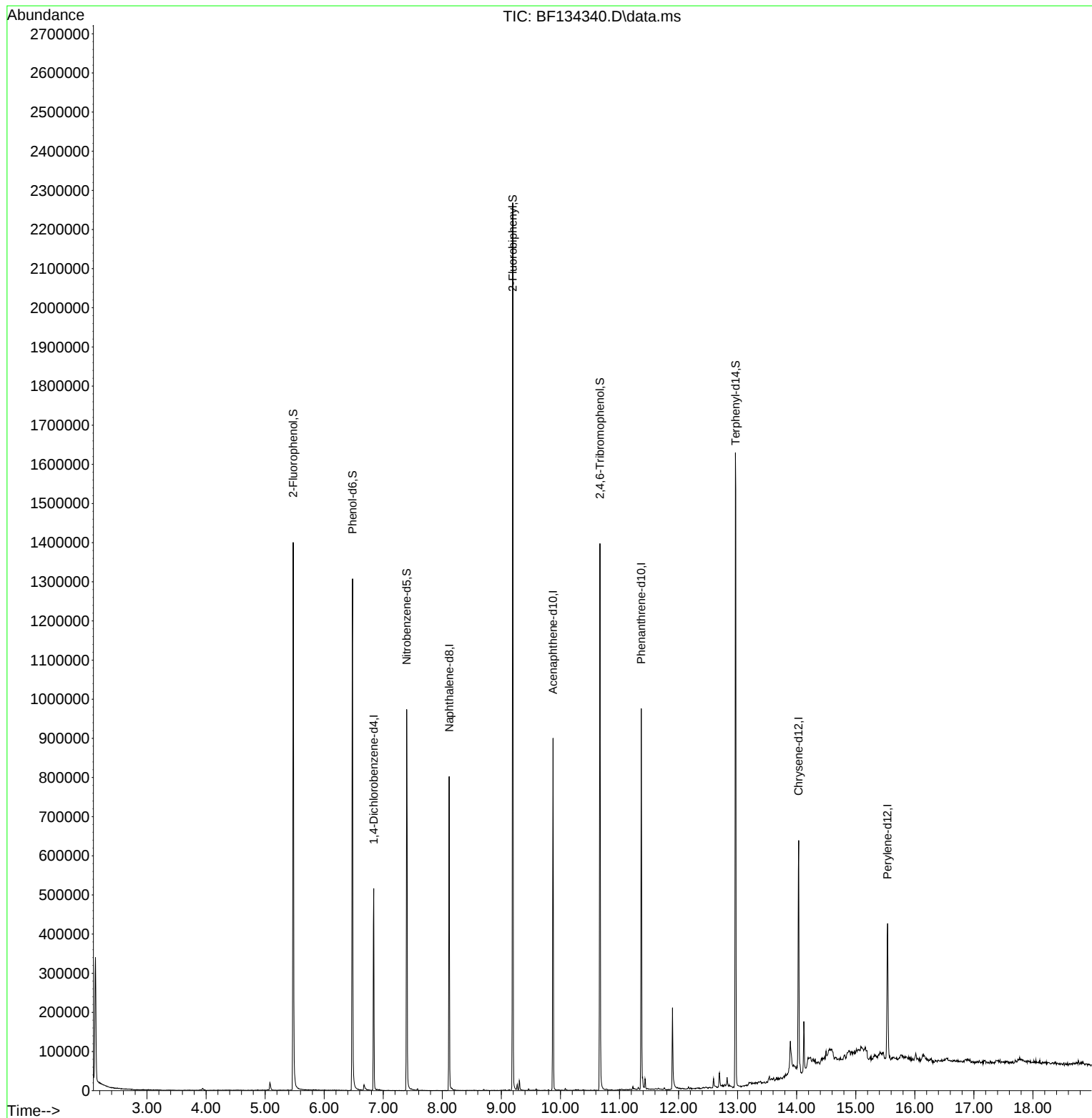
Target Compounds	Qvalue

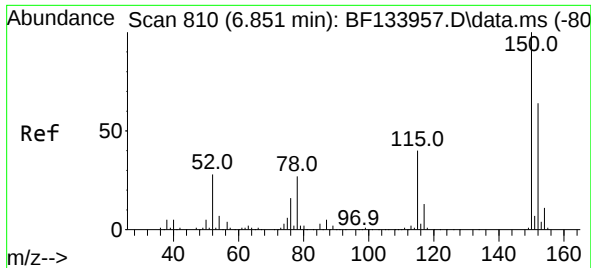
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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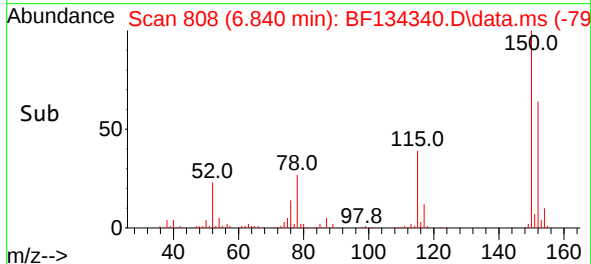
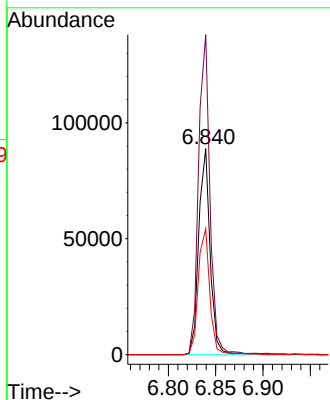
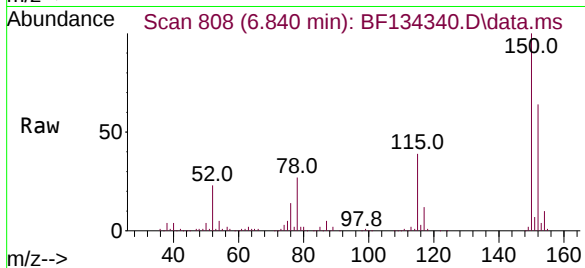




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134340.D
 Acq: 18 Jul 2023 16:18

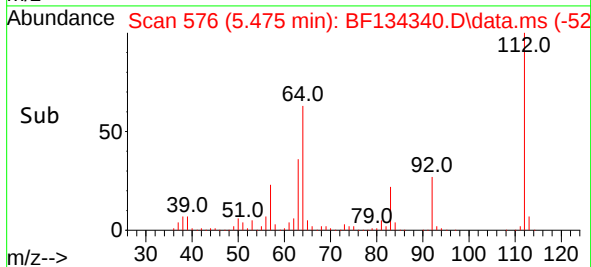
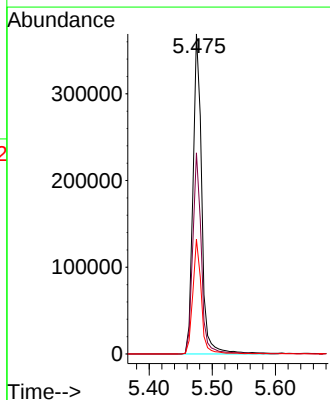
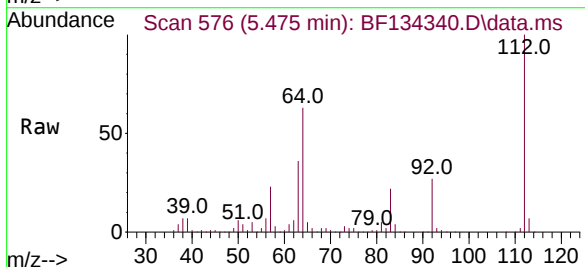
Instrument :
 BNA_F
 ClientSampleId :
 RB-47-(2-5)

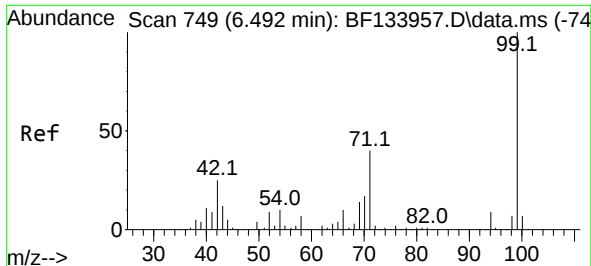
Tgt Ion:152 Resp: 74700
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 61.1 50.2 75.2



#5
 2-Fluorophenol
 Concen: 79.184 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF134340.D
 Acq: 18 Jul 2023 16:18

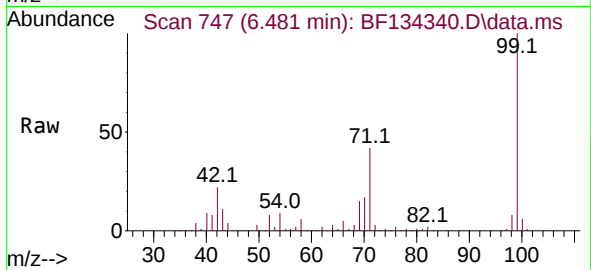
Tgt Ion:112 Resp: 353607
 Ion Ratio Lower Upper
 112 100
 64 62.9 52.1 78.1
 63 35.8 28.6 42.8



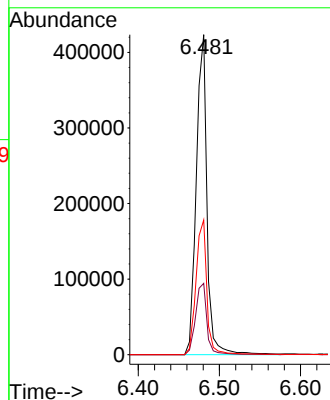
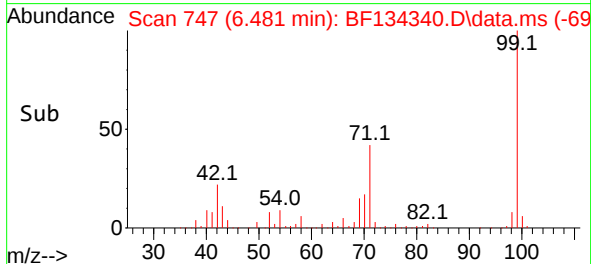


#7
Phenol-d6
Concen: 71.232 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Instrument :
BNA_F
ClientSampleId :
RB-47-(2-5)

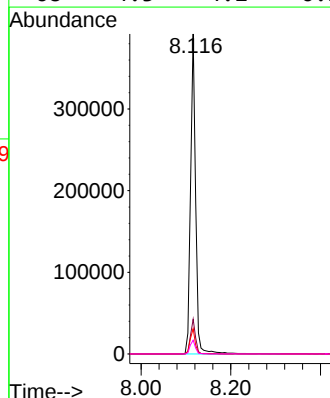
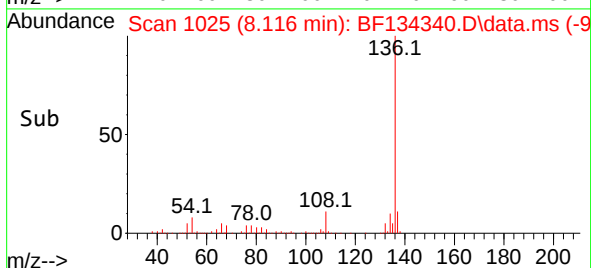
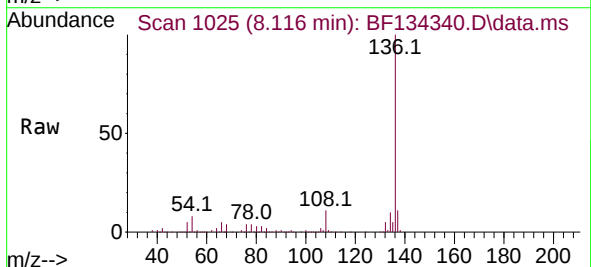


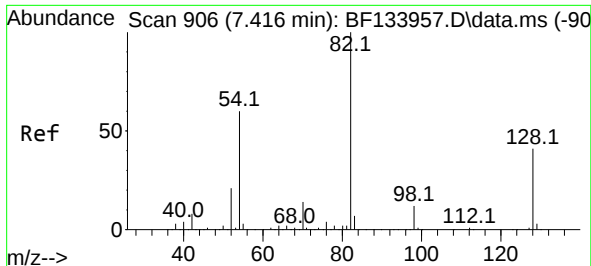
Tgt Ion: 99 Resp: 391196
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.6
71 42.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Tgt Ion: 136 Resp: 307014
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.9 6.5 9.7
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 49.045 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

Instrument :

BNA_F

ClientSampleId :

RB-47-(2-5)

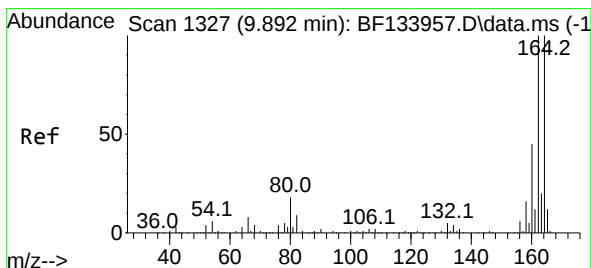
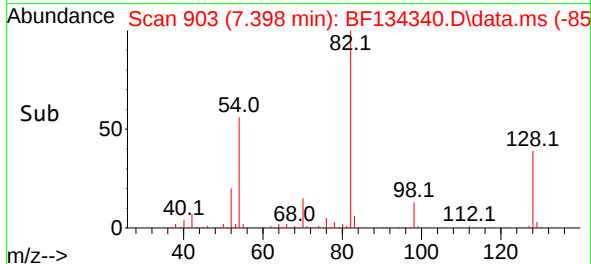
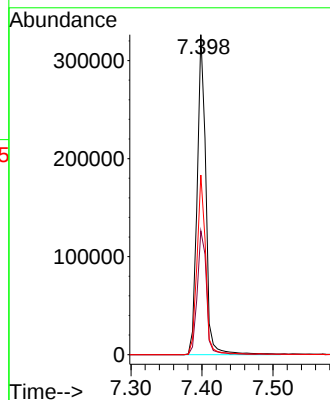
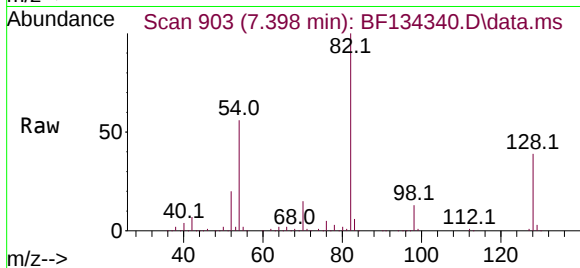
Tgt Ion: 82 Resp: 279334

Ion Ratio Lower Upper

82 100

128 38.7 32.5 48.7

54 56.2 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

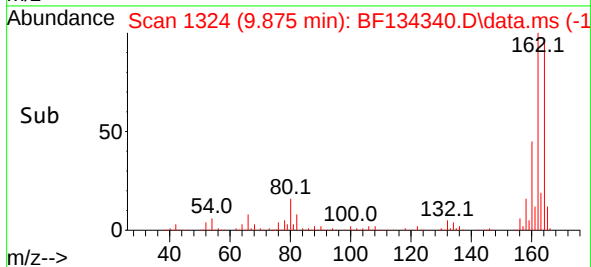
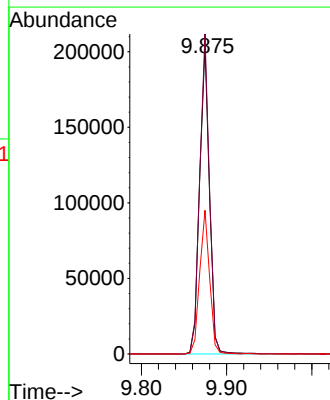
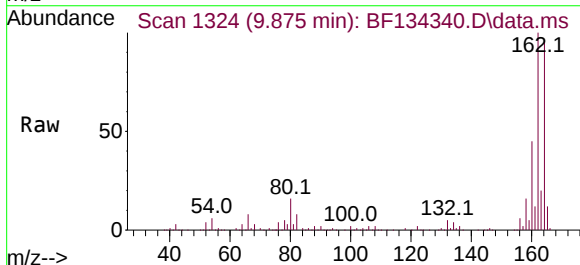
Tgt Ion:164 Resp: 163768

Ion Ratio Lower Upper

164 100

162 103.8 80.0 120.0

160 46.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 81.267 ng

RT: 10.669 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

Instrument :

BNA_F

ClientSampleId :

RB-47-(2-5)

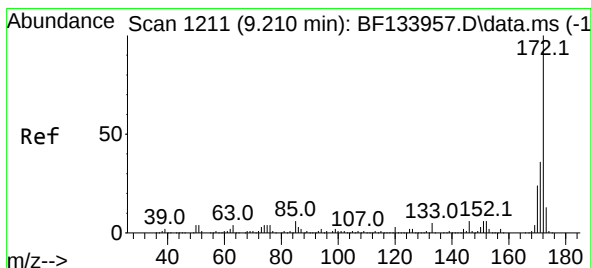
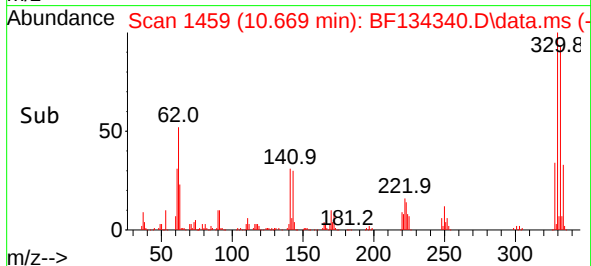
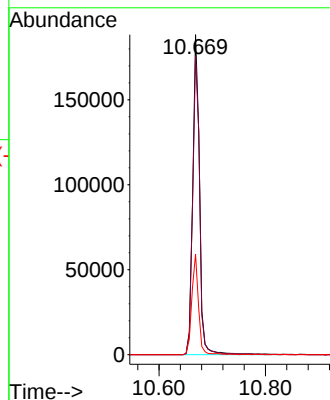
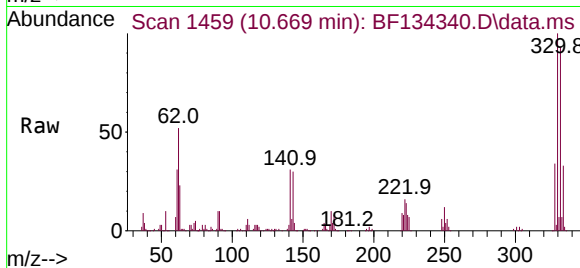
Tgt Ion:330 Resp: 166867

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 30.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 52.475 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134340.D

Acq: 18 Jul 2023 16:18

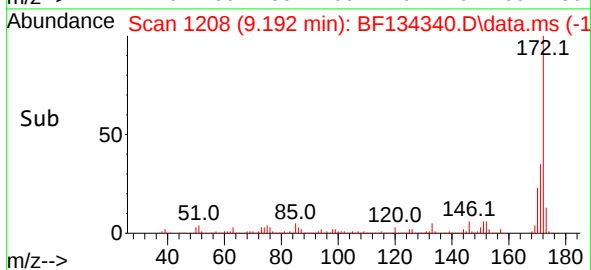
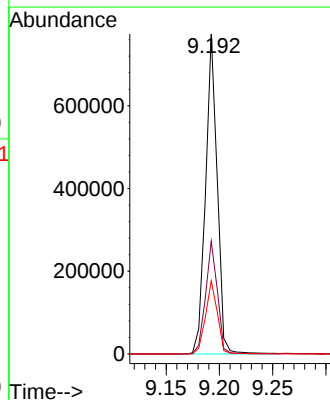
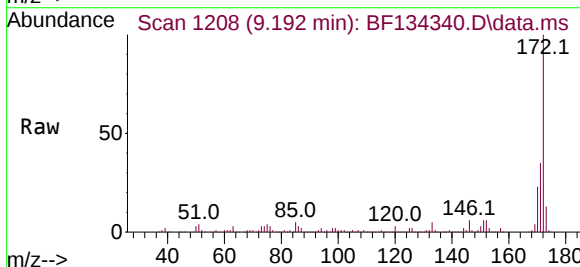
Tgt Ion:172 Resp: 591088

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 22.9 19.4 29.0

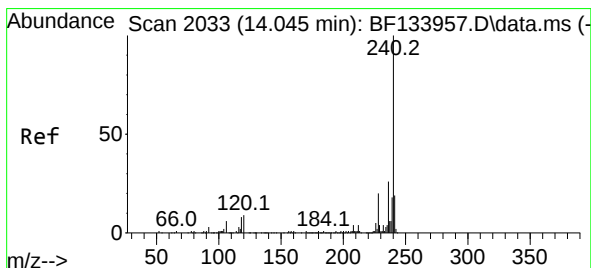
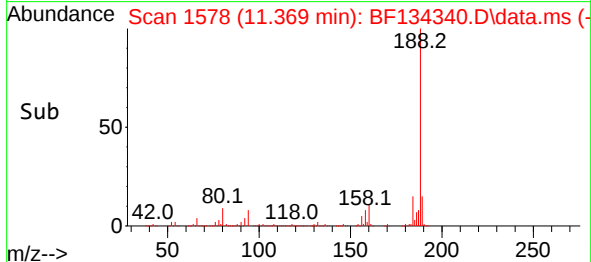
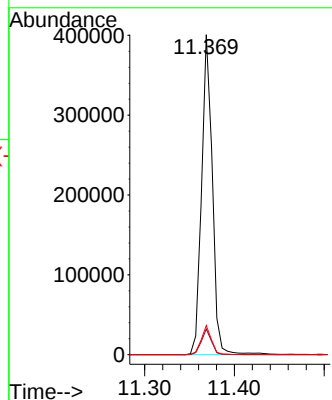
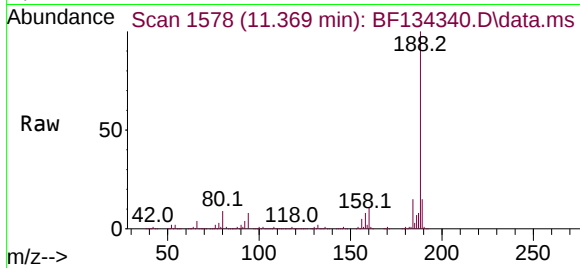




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

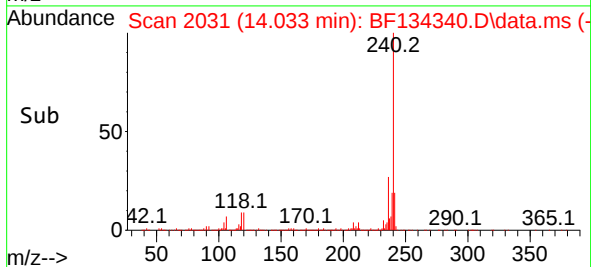
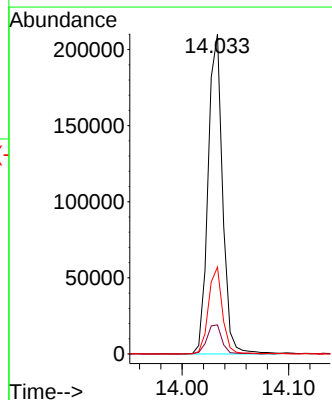
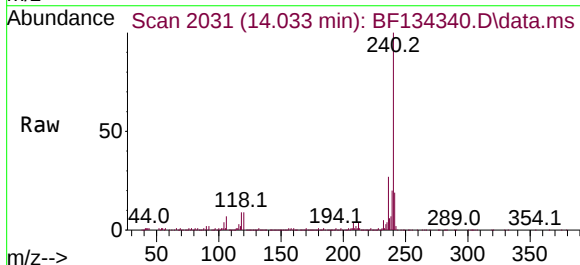
Instrument :
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RB-47-(2-5)

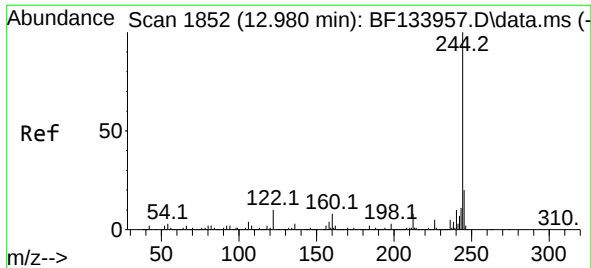
Tgt Ion:188 Resp: 333545
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134340.D
Acq: 18 Jul 2023 16:18

Tgt Ion:240 Resp: 199013
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.1 21.0 31.6

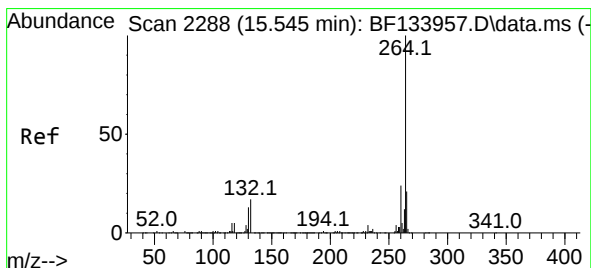
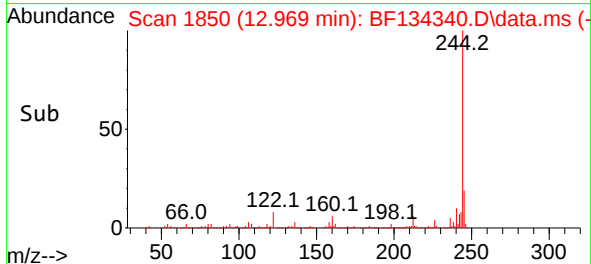
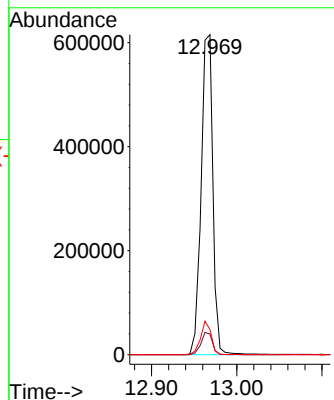
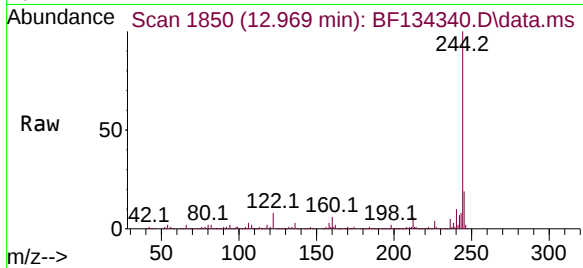




#79
 Terphenyl-d14
 Concen: 47.588 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134340.D
 Acq: 18 Jul 2023 16:18

Instrument :
 BNA_F
 ClientSampleId :
 RB-47-(2-5)

Tgt Ion:244 Resp: 588456
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 7.9 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134340.D
 Acq: 18 Jul 2023 16:18

Tgt Ion:264 Resp: 168989
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.7 16.6 25.0

