

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134810.D
 Acq On : 16 Aug 2023 15:54
 Operator : CG\JU
 Sample : 04022-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-24

Quant Time: Aug 17 01:34:18 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	164666	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	614263	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	261897	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	401063	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	289684	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	213288	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	859281	79.324	ng	0.00
7) Phenol-d6	6.434	99	1051559	75.939	ng	0.00
23) Nitrobenzene-d5	7.363	82	631715	64.268	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	212397	79.556	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1129427	71.703	ng	0.00
79) Terphenyl-d14	12.921	244	1055663	64.242	ng	0.00

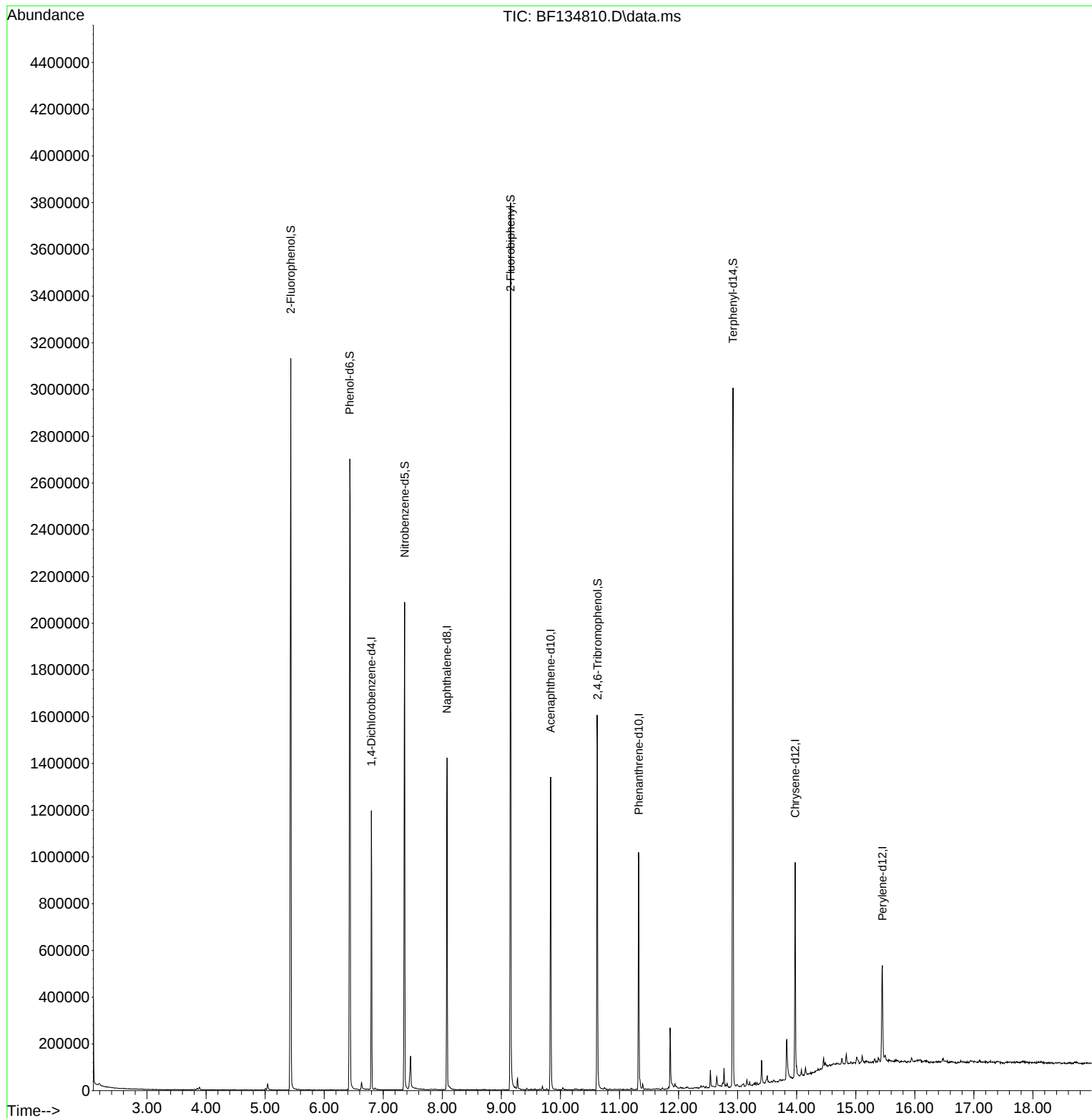
Target Compounds	Qvalue

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

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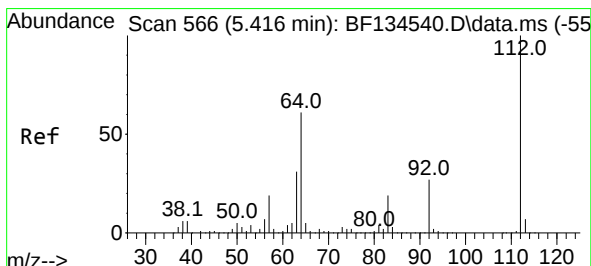
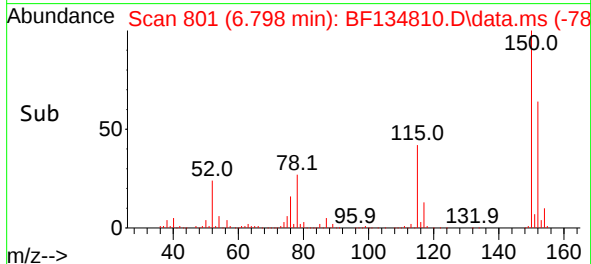
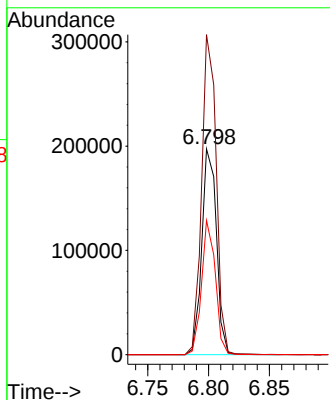
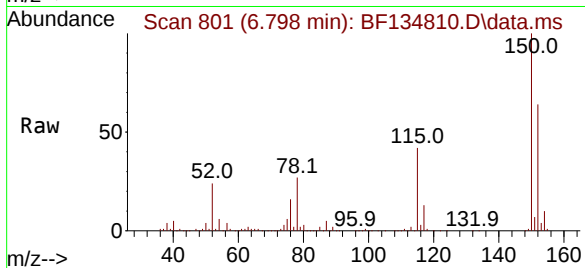




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF134810.D
 Acq: 16 Aug 2023 15:54

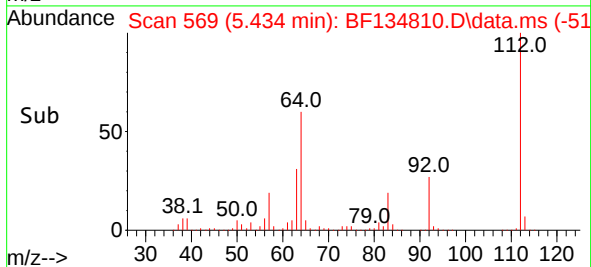
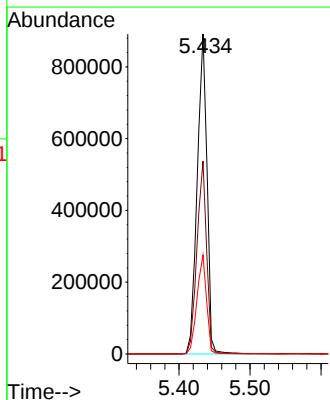
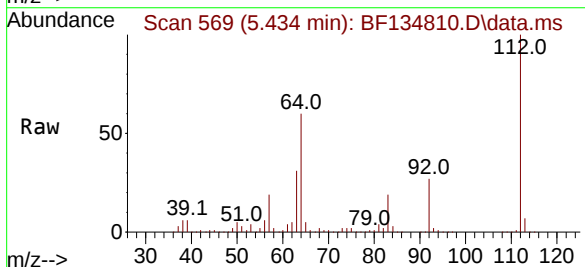
Instrument :
 BNA_F
 ClientSampleId :
 TP-24

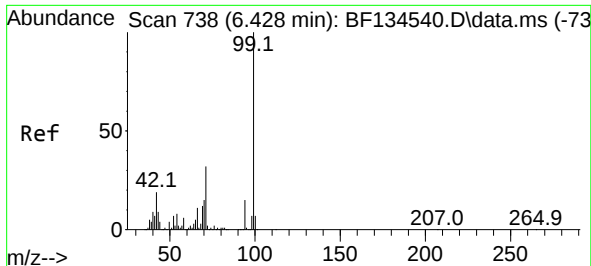
Tgt Ion:152 Resp: 164666
 Ion Ratio Lower Upper
 152 100
 150 155.5 128.3 192.5
 115 65.3 52.4 78.6



#5
 2-Fluorophenol
 Concen: 79.324 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134810.D
 Acq: 16 Aug 2023 15:54

Tgt Ion:112 Resp: 859281
 Ion Ratio Lower Upper
 112 100
 64 60.3 44.9 67.3
 63 30.9 25.4 38.0

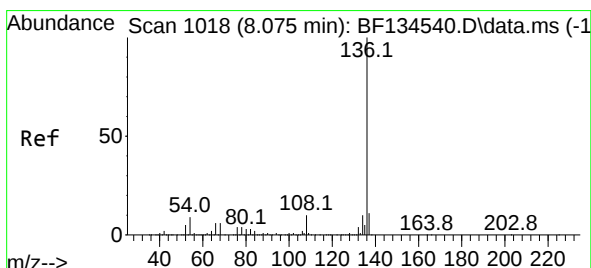
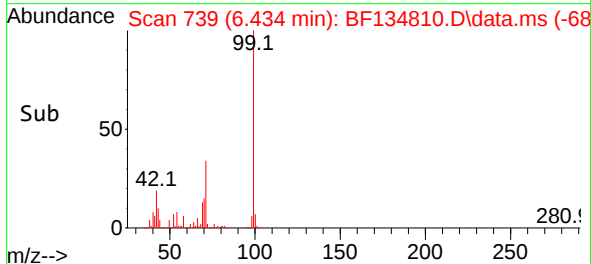
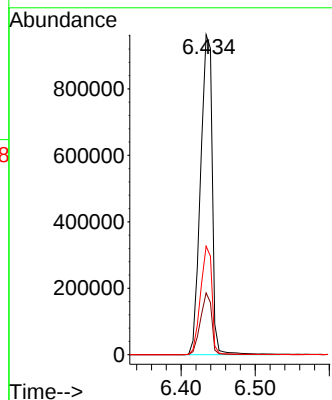
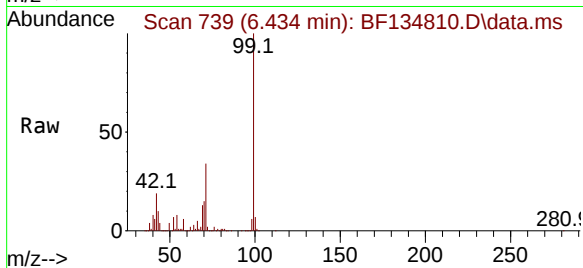




#7
Phenol-d6
Concen: 75.939 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134810.D
Acq: 16 Aug 2023 15:54

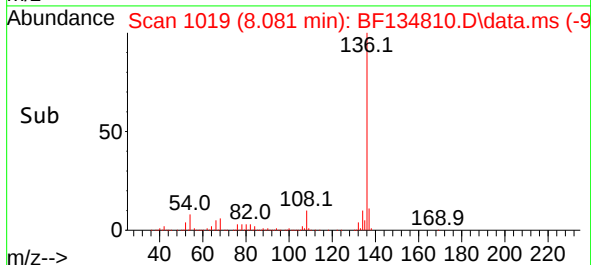
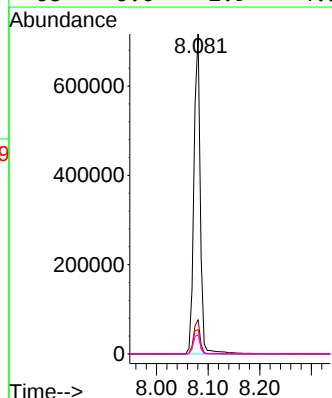
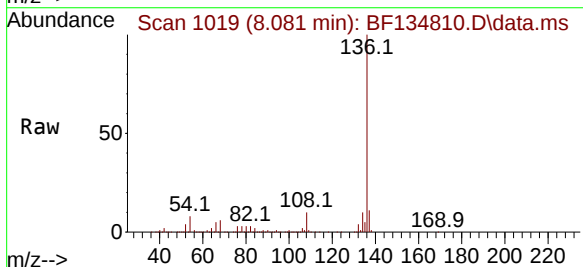
Instrument :
BNA_F
ClientSampleId :
TP-24

Tgt Ion: 99 Resp: 1051559
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.9 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: BF134810.D
Acq: 16 Aug 2023 15:54

Tgt Ion: 136 Resp: 614263
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.6 5.2 7.8
68 6.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 64.268 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24

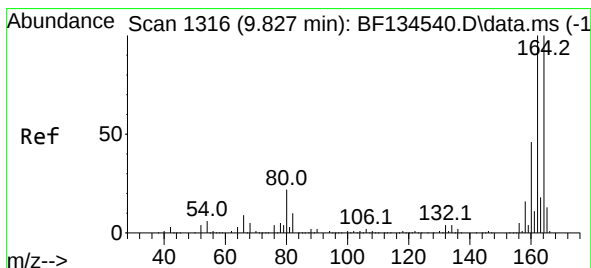
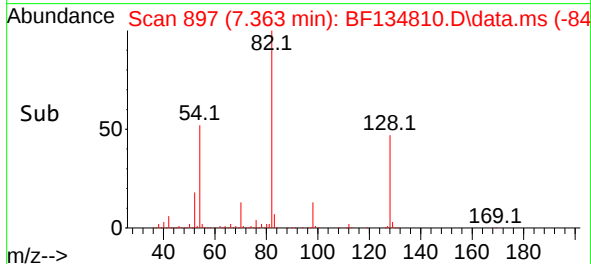
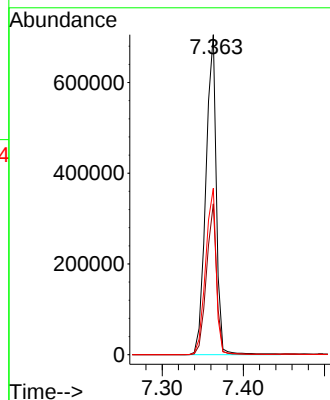
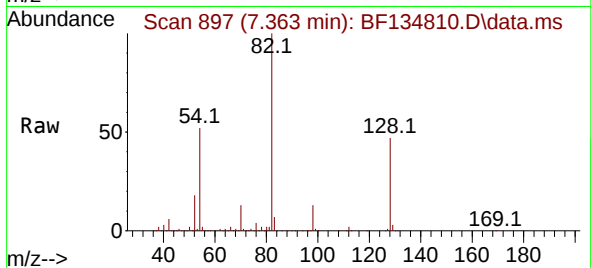
Tgt Ion: 82 Resp: 631715

Ion Ratio Lower Upper

82 100

128 47.1 34.3 51.5

54 52.0 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: BF134810.D

Acq: 16 Aug 2023 15:54

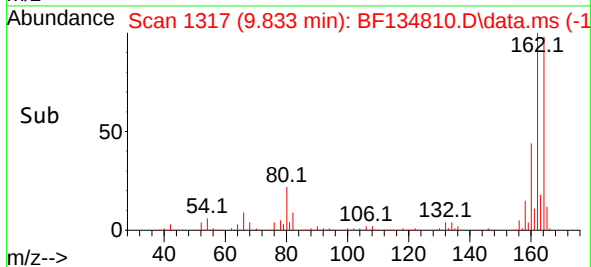
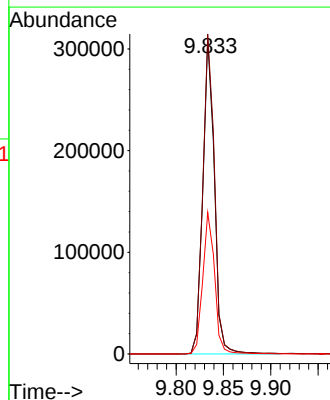
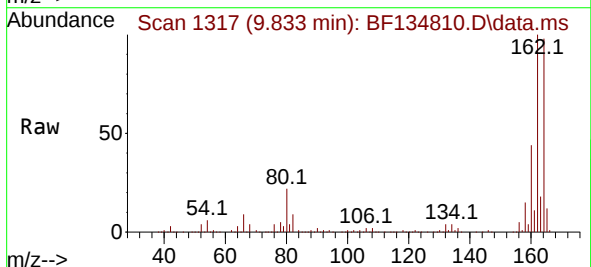
Tgt Ion:164 Resp: 261897

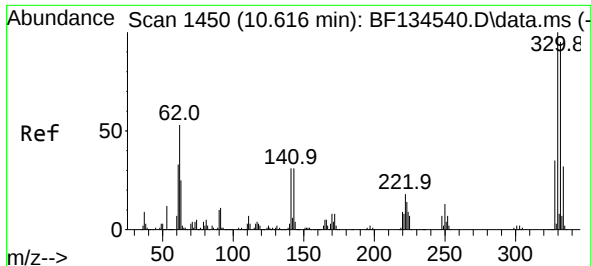
Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 45.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 79.556 ng

RT: 10.627 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24

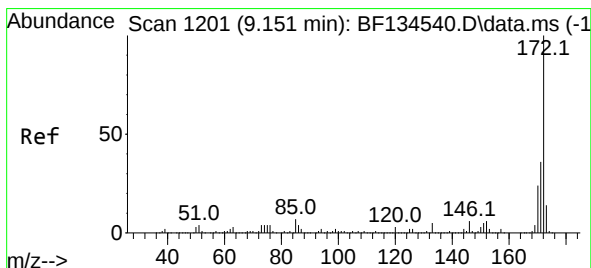
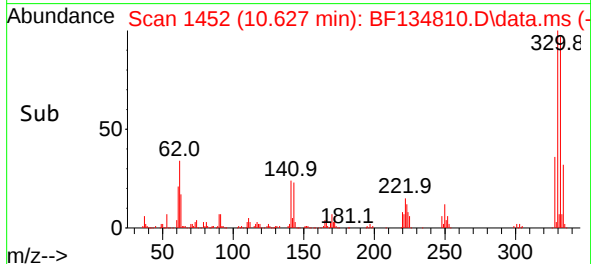
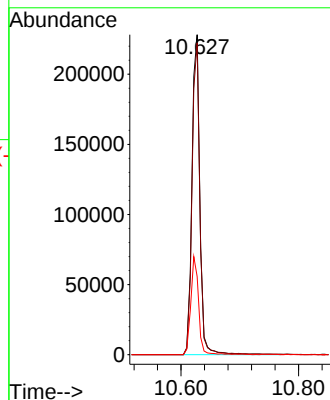
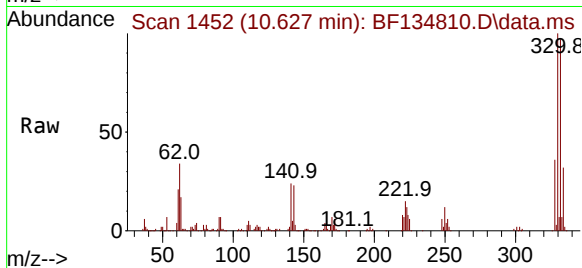
Tgt Ion:330 Resp: 212397

Ion Ratio Lower Upper

330 100

332 96.1 78.8 118.2

141 30.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 71.703 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

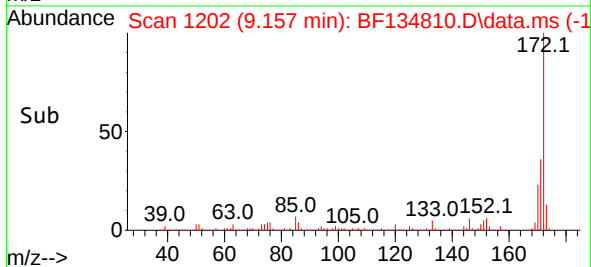
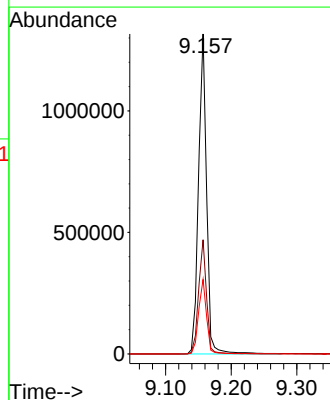
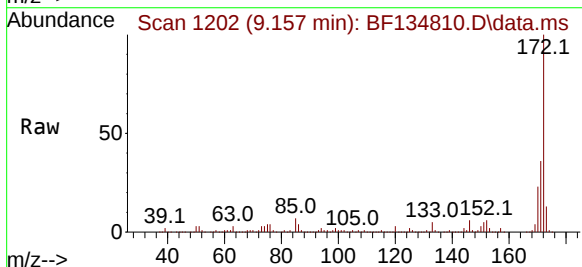
Tgt Ion:172 Resp: 1129427

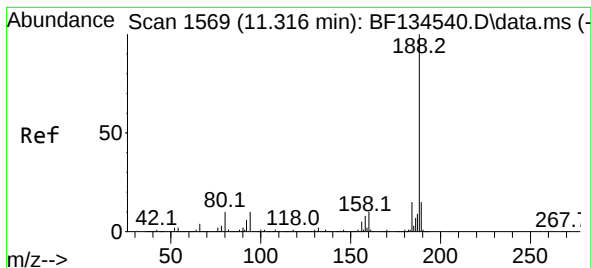
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134810.D

Acq: 16 Aug 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-24

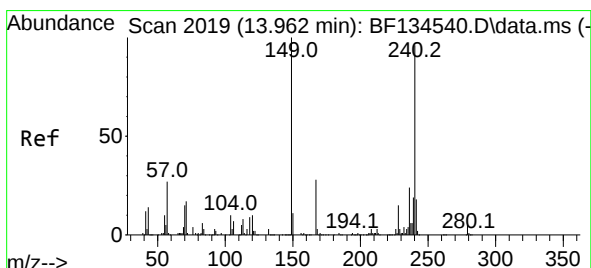
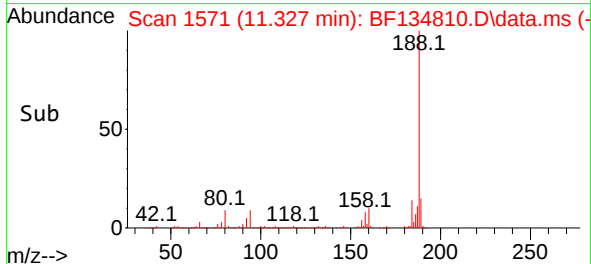
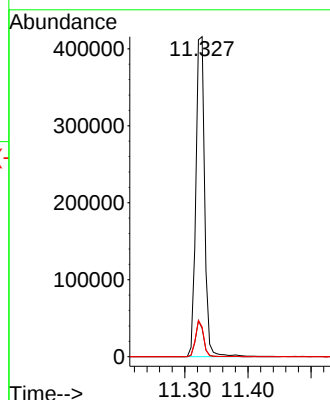
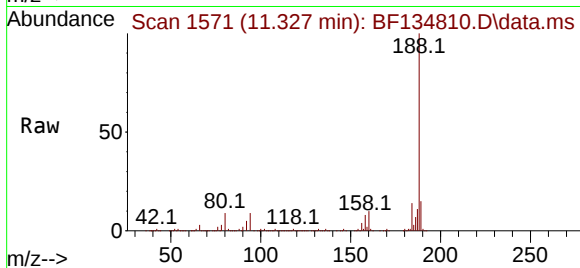
Tgt Ion:188 Resp: 401063

Ion Ratio Lower Upper

188 100

94 8.8 5.1 7.7#

80 9.3 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: BF134810.D

Acq: 16 Aug 2023 15:54

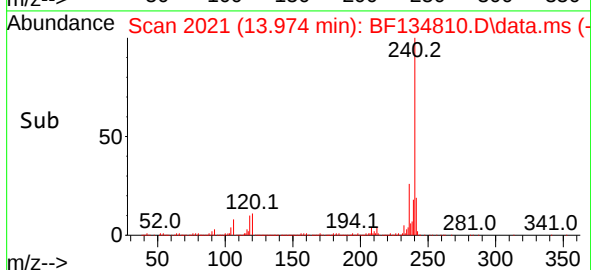
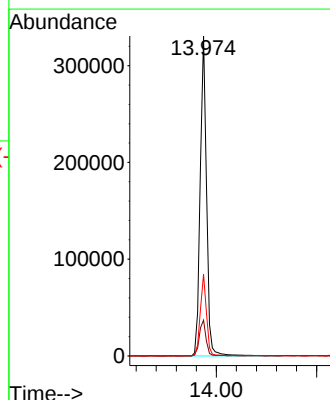
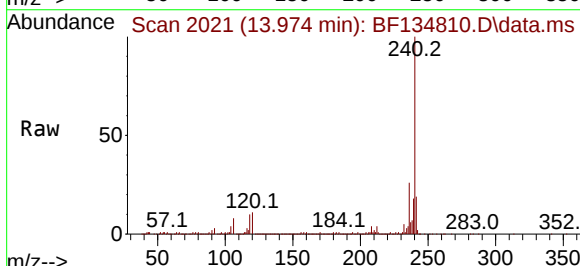
Tgt Ion:240 Resp: 289684

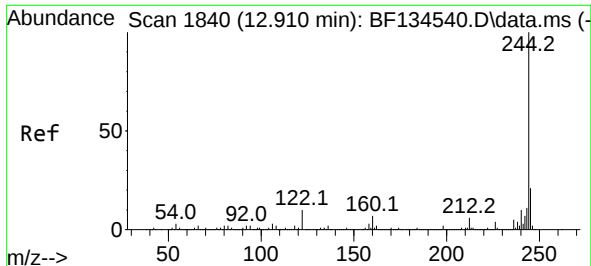
Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

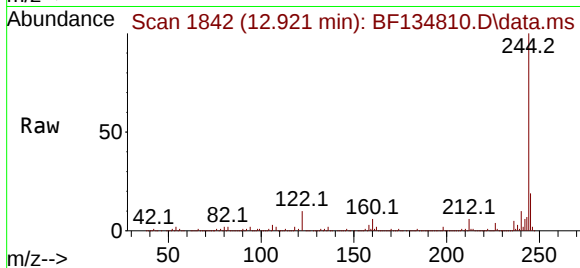
236 25.5 20.2 30.2





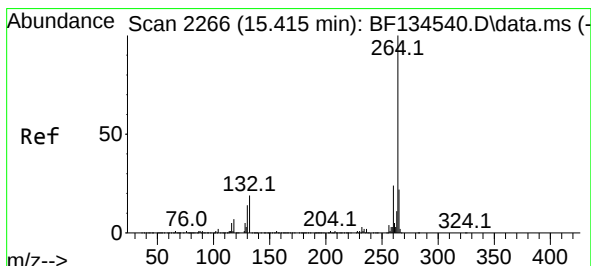
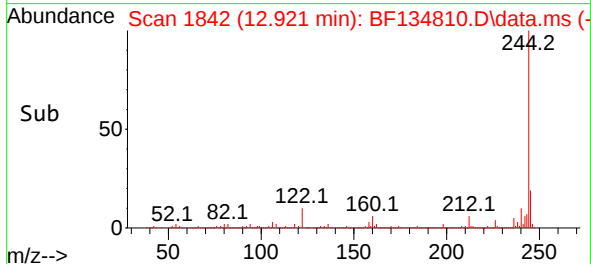
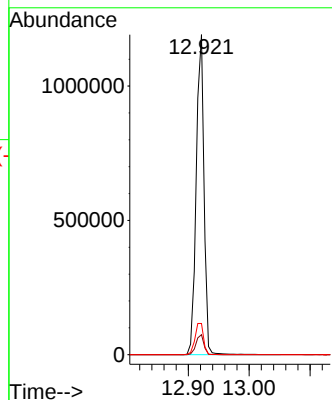
#79
 Terphenyl-d14
 Concen: 64.242 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134810.D
 Acq: 16 Aug 2023 15:54

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1055663

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.7	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: BF134810.D
 Acq: 16 Aug 2023 15:54

Tgt Ion:264 Resp: 213288

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.4	15.8	23.8

