

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133519.D
 Acq On : 30 May 2023 13:41
 Operator : CG\JU
 Sample : 02908-13RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP02RE

Quant Time: May 30 14:10:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	133219	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	517105	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	251781	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	500464	20.000	ng	0.00
76) Chrysene-d12	13.998	240	326725	20.000	ng	0.00
86) Perylene-d12	15.456	264	271930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	329170	41.226	ng	0.00
7) Phenol-d6	6.445	99	245905	25.018	ng	-0.02
23) Nitrobenzene-d5	7.398	82	747758	96.550	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	227349	90.585	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1328223	81.421	ng	0.00
79) Terphenyl-d14	12.951	244	1463777	79.656	ng	0.00

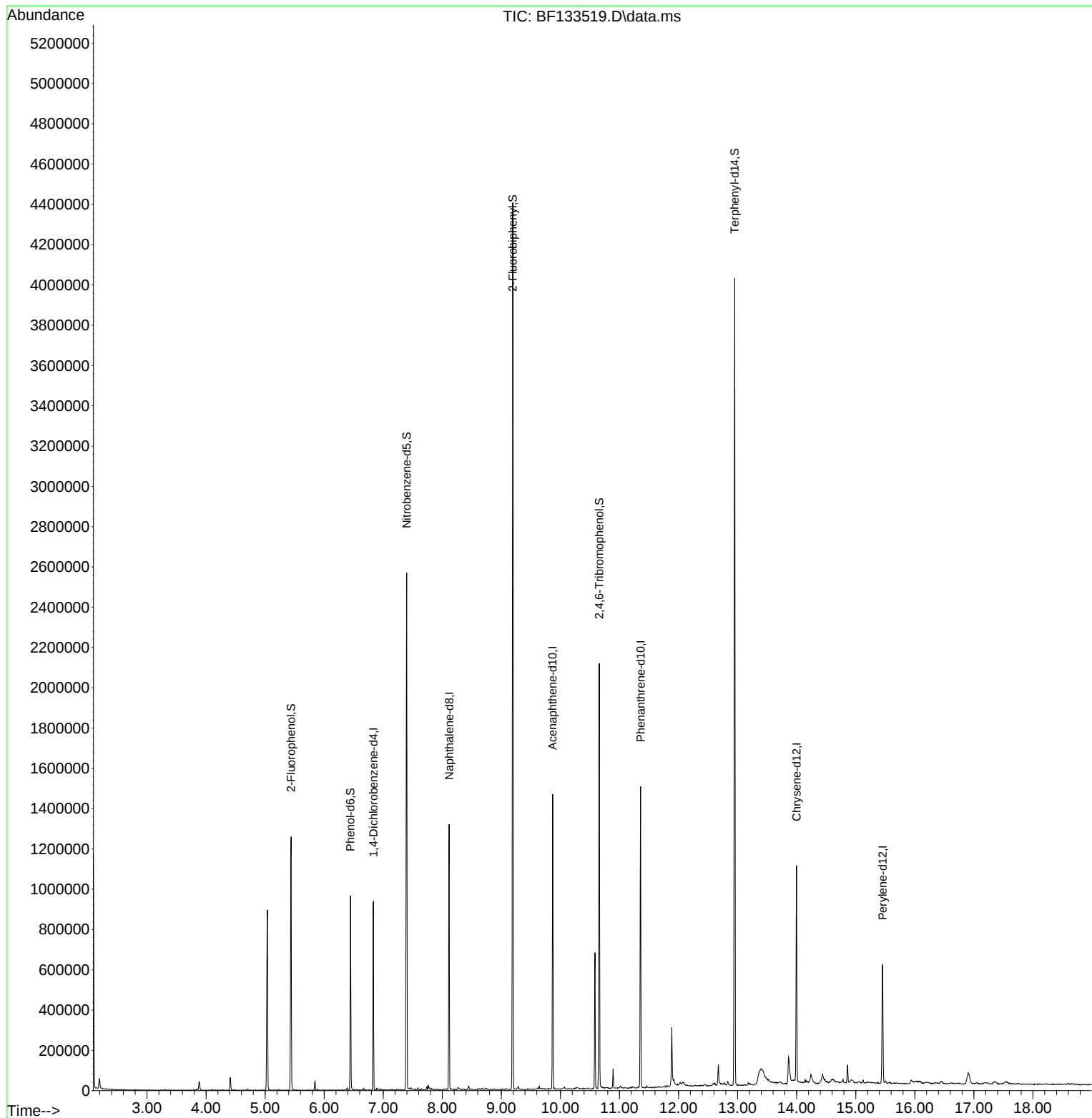
Target Compounds	Qvalue

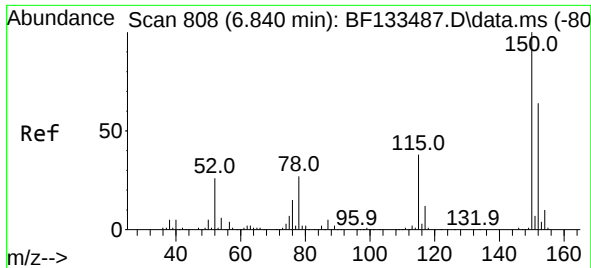
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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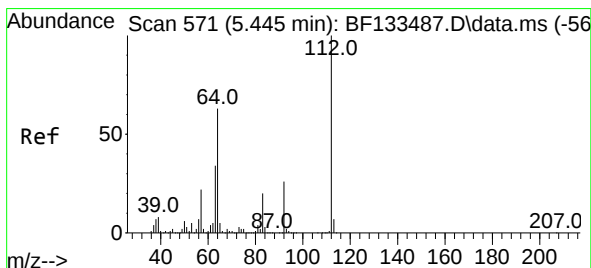
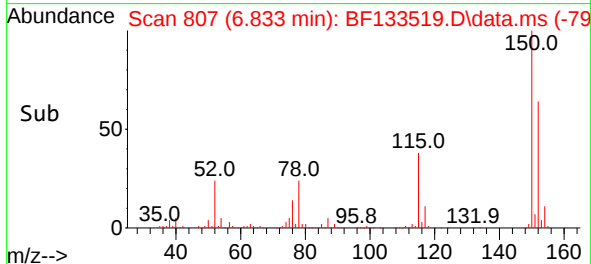
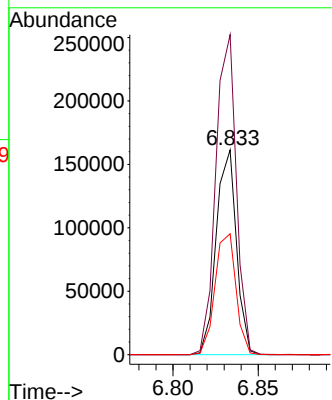
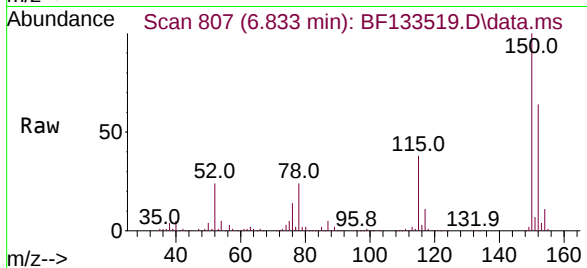




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. -0.001 min
Lab File: BF133519.D
Acq: 30 May 2023 13:41

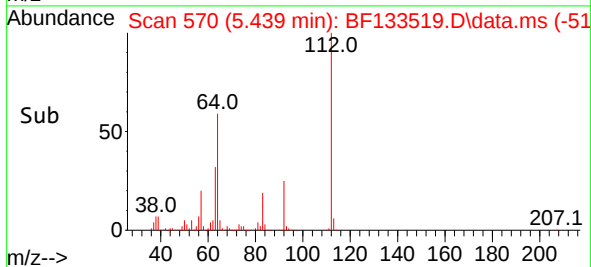
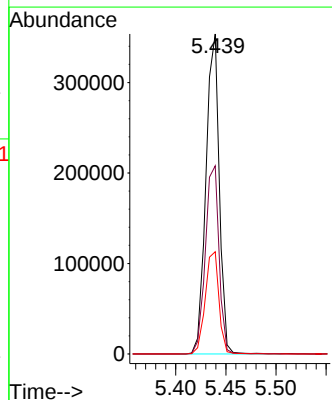
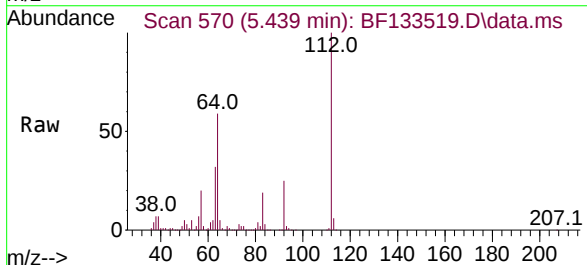
Instrument :
BNA_F
ClientSampleId :
TWP02RE

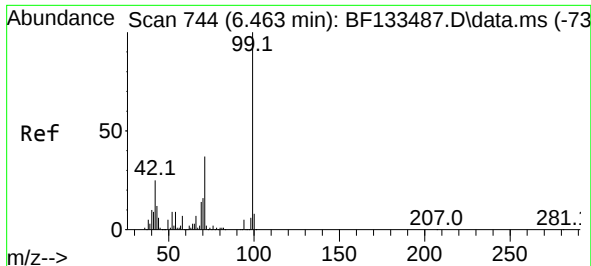
Tgt Ion:152 Resp: 133219
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 59.0 48.1 72.1



#5
2-Fluorophenol
Concen: 41.226 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133519.D
Acq: 30 May 2023 13:41

Tgt Ion:112 Resp: 329170
Ion Ratio Lower Upper
112 100
64 58.8 50.1 75.1
63 32.0 27.5 41.3

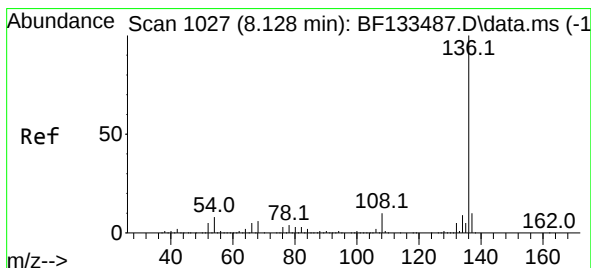
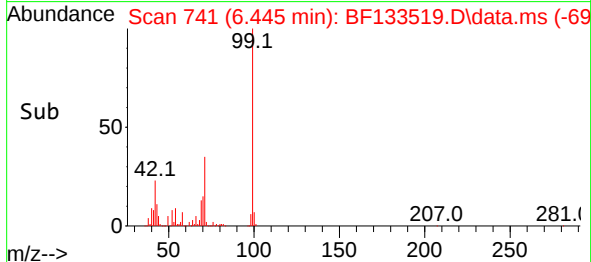
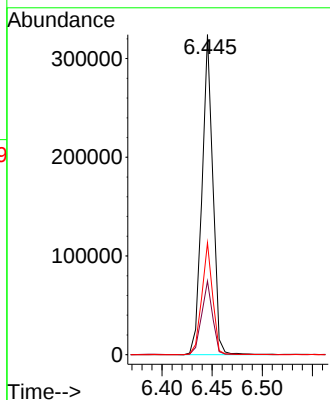
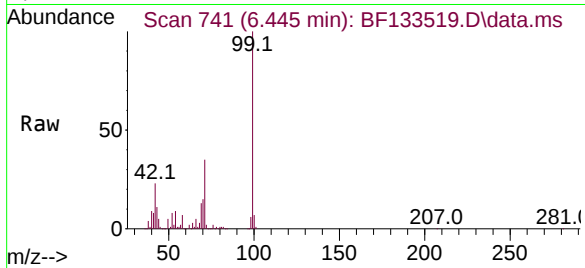




#7
Phenol-d6
Concen: 25.018 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133519.D
Acq: 30 May 2023 13:41

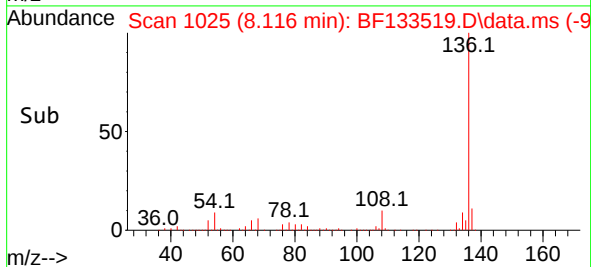
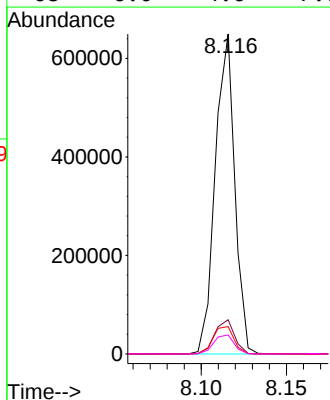
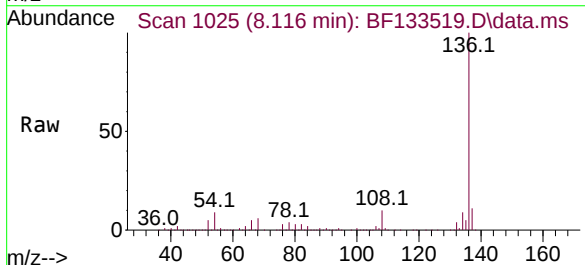
Instrument :
BNA_F
ClientSampleId :
TWP02RE

Tgt Ion: 99 Resp: 245905
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 34.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133519.D
Acq: 30 May 2023 13:41

Tgt Ion: 136 Resp: 517105
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.6 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 96.550 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133519.D

Acq: 30 May 2023 13:41

Instrument :

BNA_F

ClientSampleId :

TWP02RE

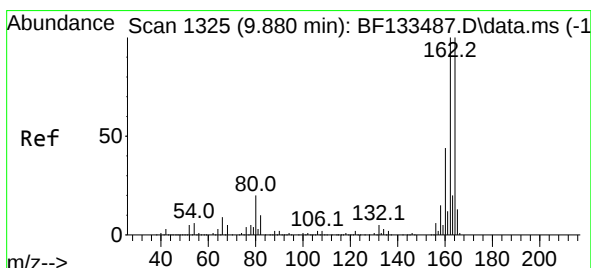
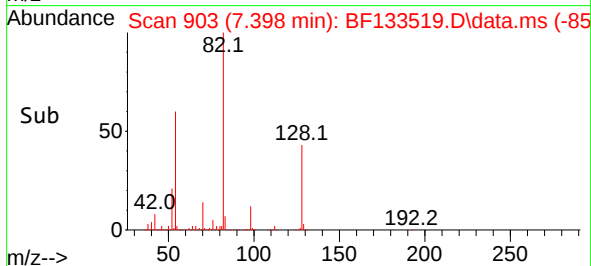
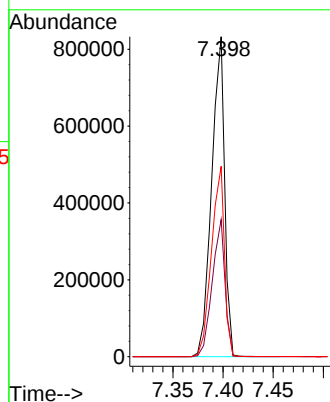
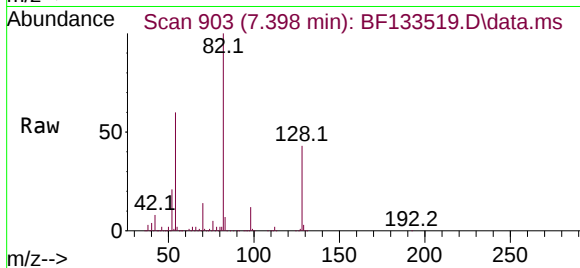
Tgt Ion: 82 Resp: 747758

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 59.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133519.D

Acq: 30 May 2023 13:41

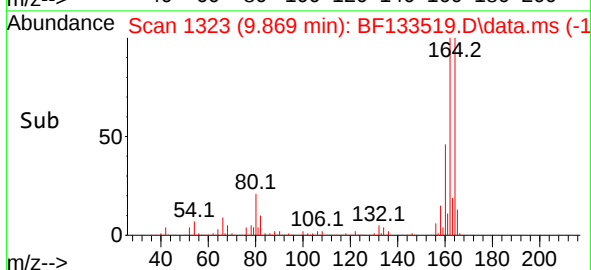
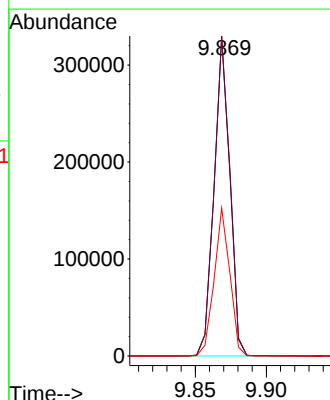
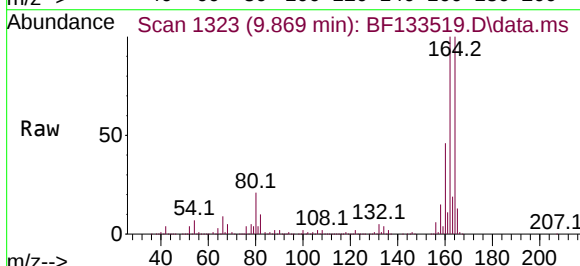
Tgt Ion: 164 Resp: 251781

Ion Ratio Lower Upper

164 100

162 100.2 79.7 119.5

160 46.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 90.585 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133519.D

Acq: 30 May 2023 13:41

Instrument :

BNA_F

ClientSampleId :

TWP02RE

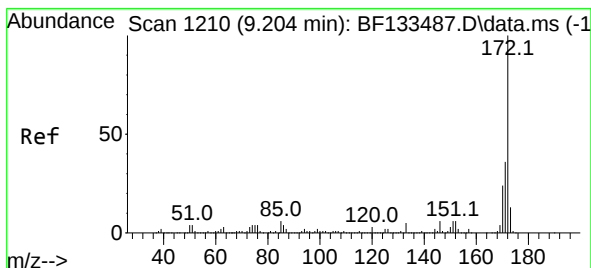
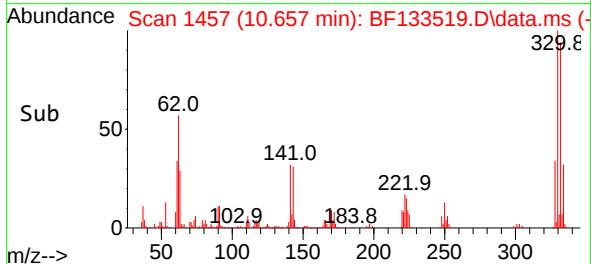
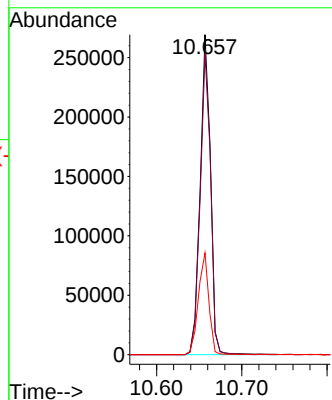
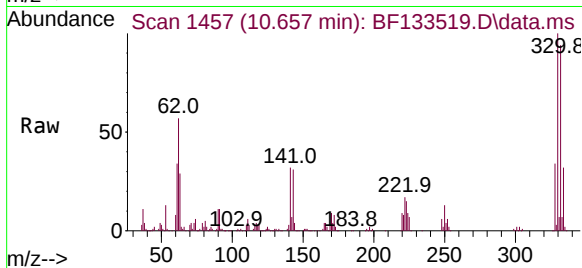
Tgt Ion:330 Resp: 227349

Ion Ratio Lower Upper

330 100

332 94.9 77.8 116.6

141 32.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 81.421 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133519.D

Acq: 30 May 2023 13:41

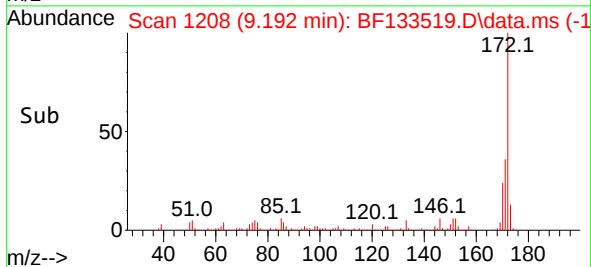
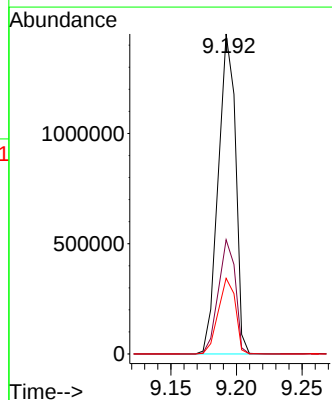
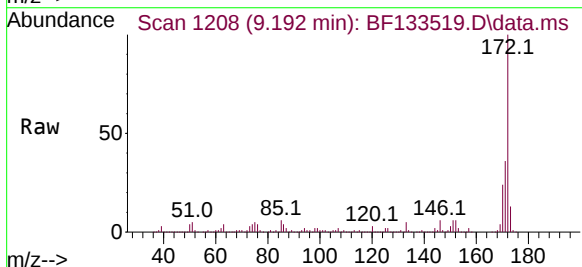
Tgt Ion:172 Resp: 1328223

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133519.D

Acq: 30 May 2023 13:41

Instrument :

BNA_F

ClientSampleId :

TWP02RE

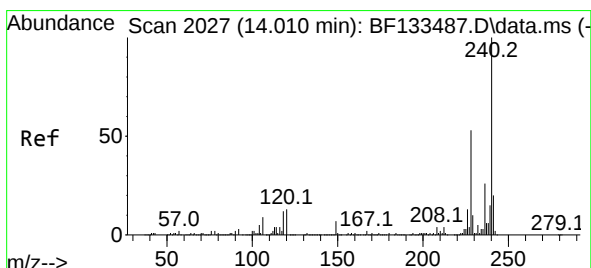
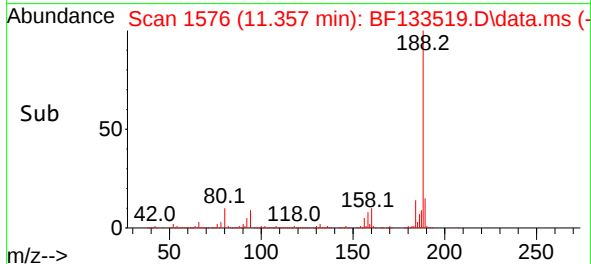
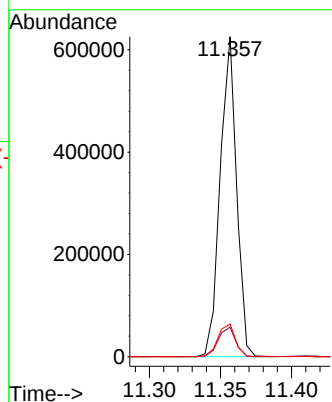
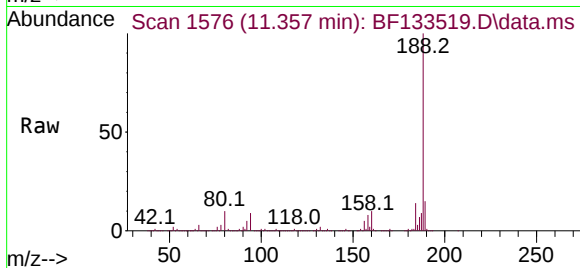
Tgt Ion:188 Resp: 500464

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

80 10.2 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133519.D

Acq: 30 May 2023 13:41

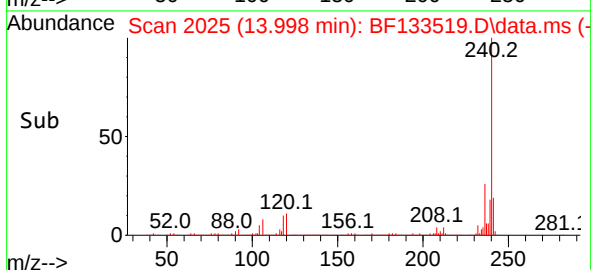
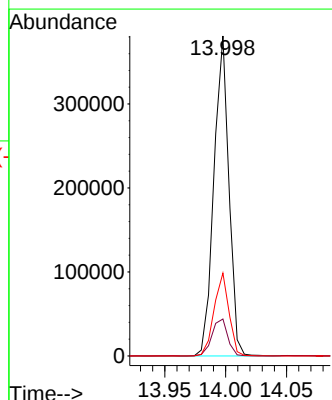
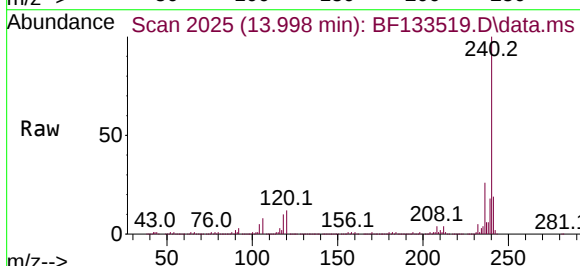
Tgt Ion:240 Resp: 326725

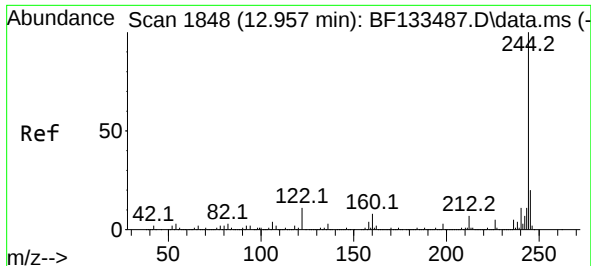
Ion Ratio Lower Upper

240 100

120 11.5 10.3 15.5

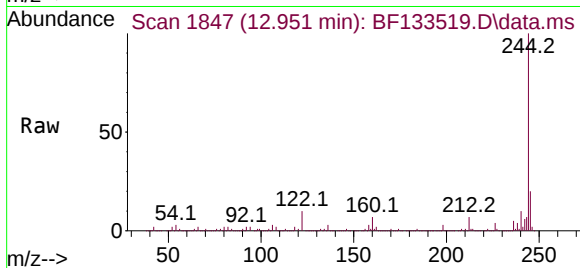
236 25.9 20.5 30.7



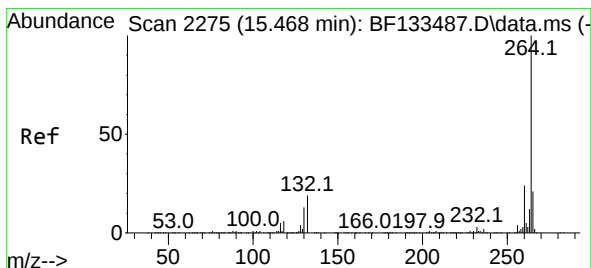
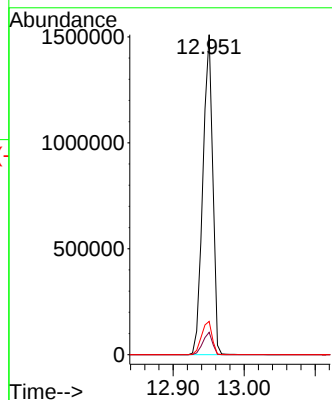
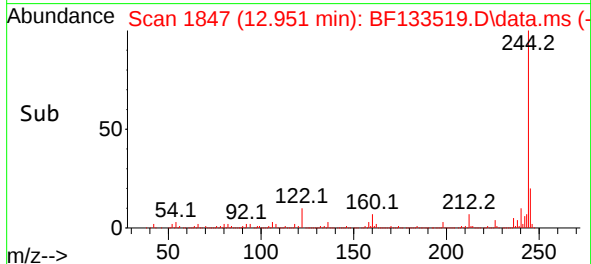


#79
 Terphenyl-d14
 Concen: 79.656 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133519.D
 Acq: 30 May 2023 13:41

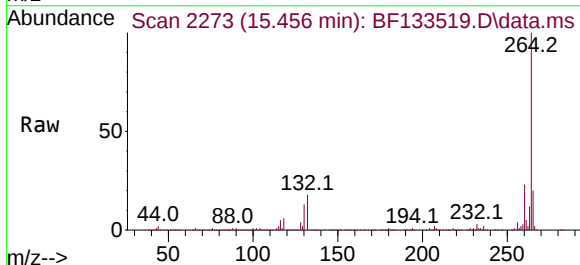
Instrument :
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Tgt Ion:244 Resp: 1463777
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133519.D
 Acq: 30 May 2023 13:41



Tgt Ion:264 Resp: 271930
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.4 16.8 25.2

