

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133522.D
 Acq On : 30 May 2023 15:15
 Operator : CG\JU
 Sample : 02899-10RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP01RE

Quant Time: May 30 15:47:05 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	6.828	152	145985	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	552899	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	271147	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	522555	20.000	ng	0.00
76) Chrysene-d12	13.998	240	331432	20.000	ng	0.00
86) Perylene-d12	15.451	264	269767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	327327	37.410	ng	0.00
7) Phenol-d6	6.445	99	241297	22.403	ng	-0.02
23) Nitrobenzene-d5	7.398	82	810262	97.848	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	236068	87.341	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1392720	79.277	ng	0.00
79) Terphenyl-d14	12.951	244	1494291	80.162	ng	0.00

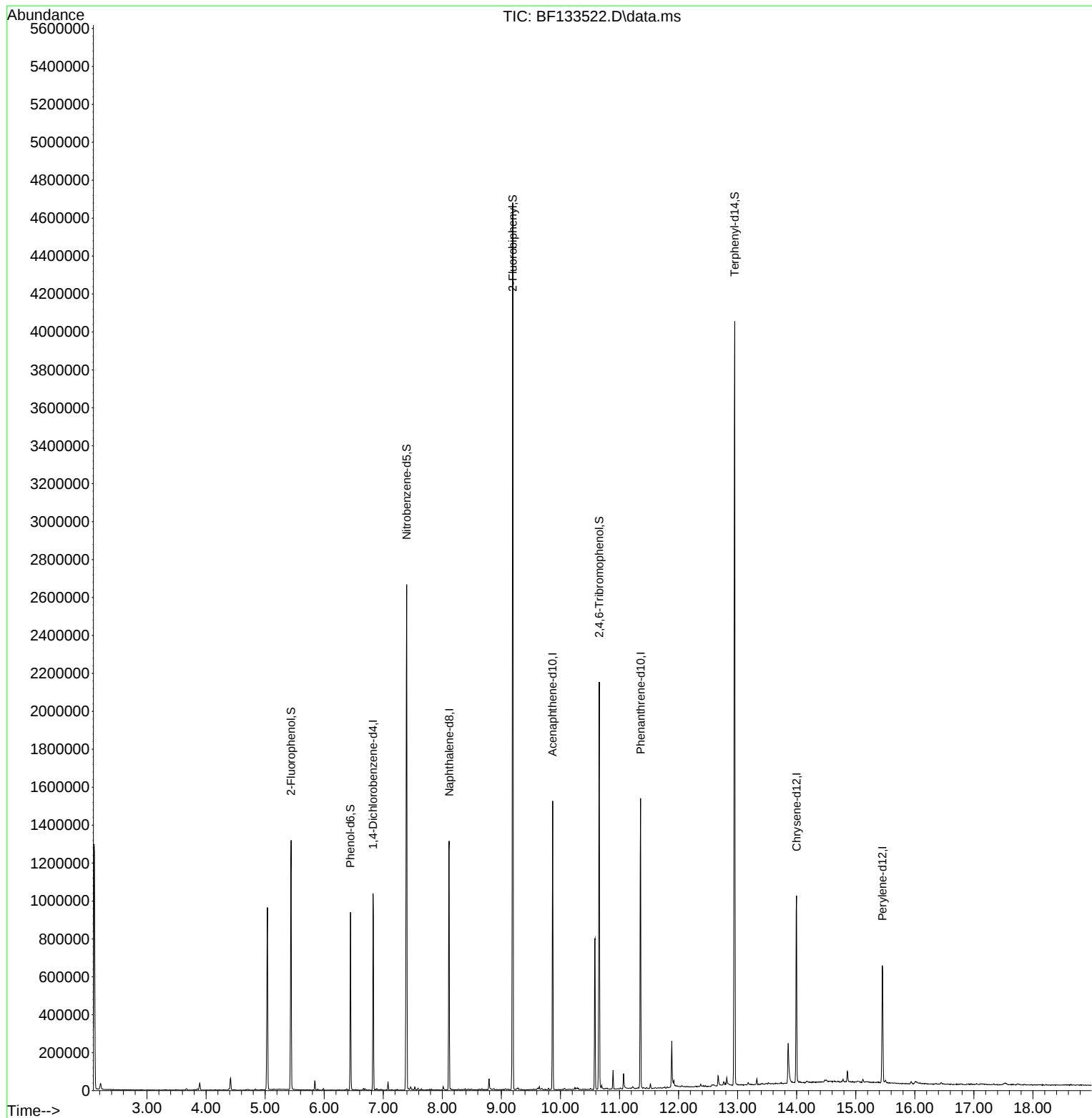
Target Compounds	Qvalue

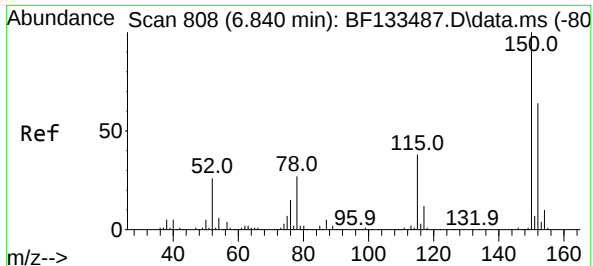
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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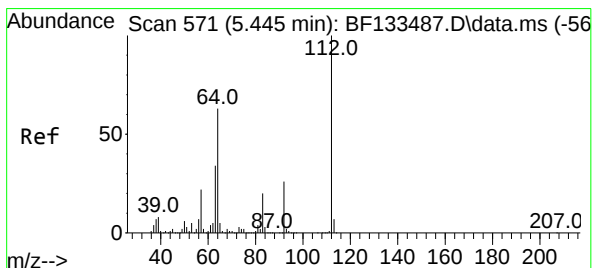
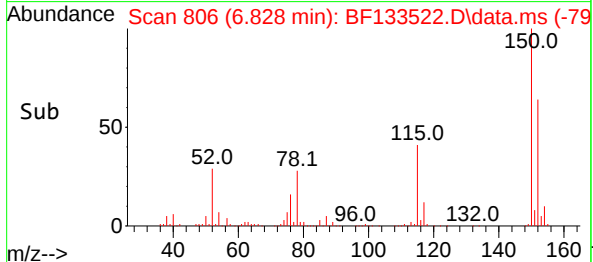
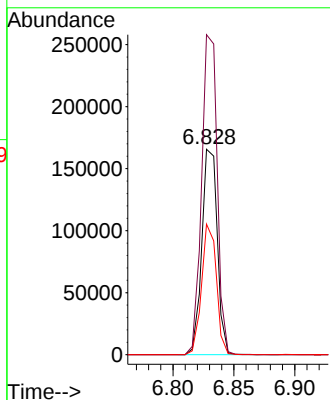
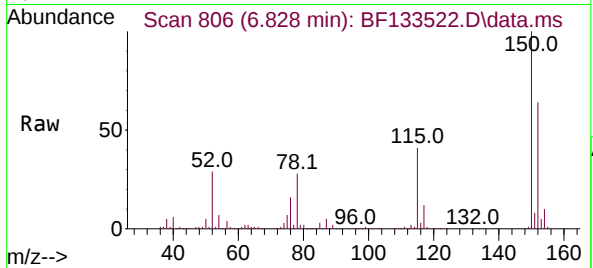




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133522.D
Acq: 30 May 2023 15:15

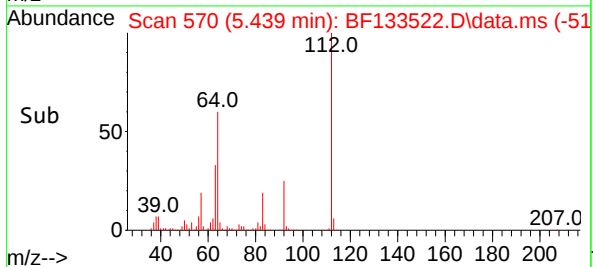
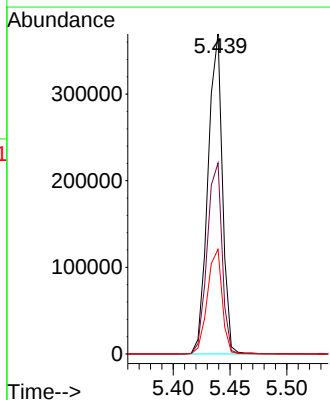
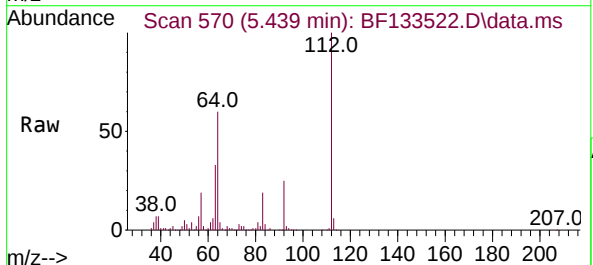
Instrument :
BNA_F
ClientSampleId :
TWP01RE

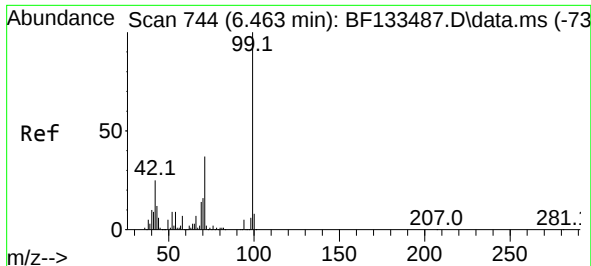
Tgt Ion:152 Resp: 145985
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 63.6 48.1 72.1



#5
2-Fluorophenol
Concen: 37.410 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133522.D
Acq: 30 May 2023 15:15

Tgt Ion:112 Resp: 327327
Ion Ratio Lower Upper
112 100
64 59.7 50.1 75.1
63 32.7 27.5 41.3

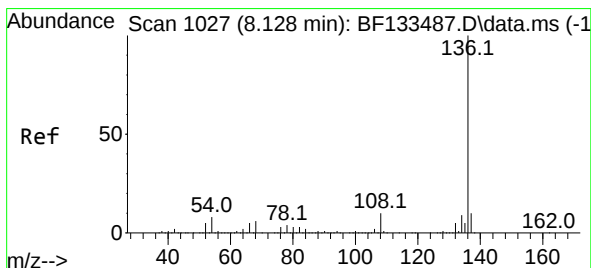
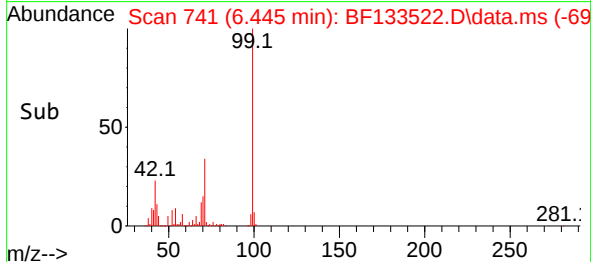
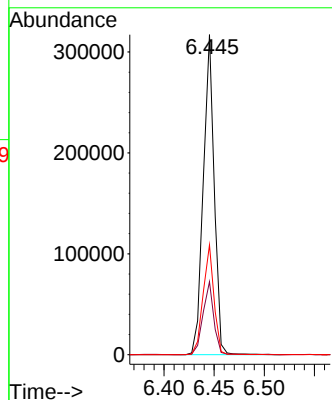
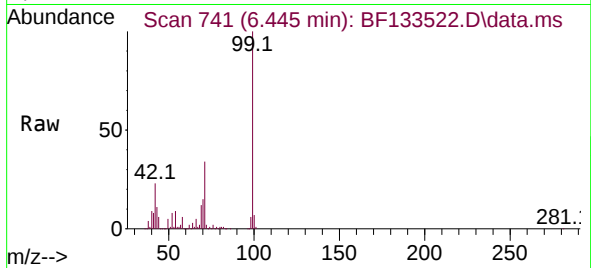




#7
Phenol-d6
Concen: 22.403 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133522.D
Acq: 30 May 2023 15:15

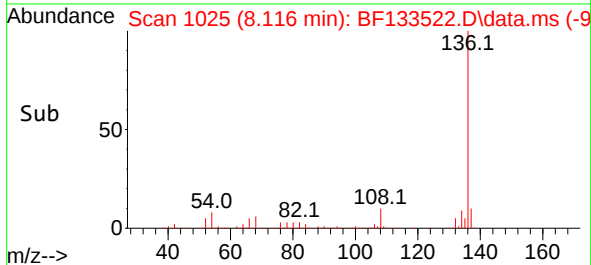
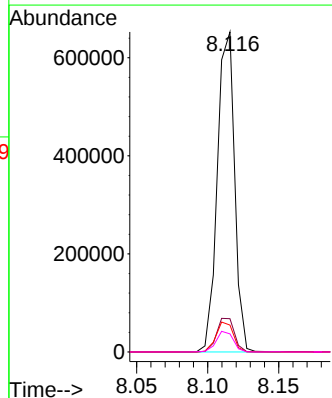
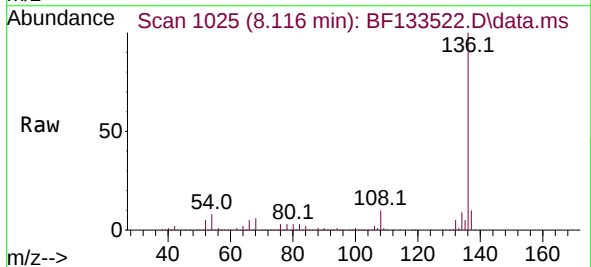
Instrument :
BNA_F
ClientSampleId :
TWP01RE

Tgt Ion: 99 Resp: 241297
Ion Ratio Lower Upper
99 100
42 22.8 19.7 29.5
71 34.3 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: BF133522.D
Acq: 30 May 2023 15:15

Tgt Ion: 136 Resp: 552899
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.4
54 8.4 6.6 10.0
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 97.848 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133522.D

Acq: 30 May 2023 15:15

Instrument :

BNA_F

ClientSampleId :

TWP01RE

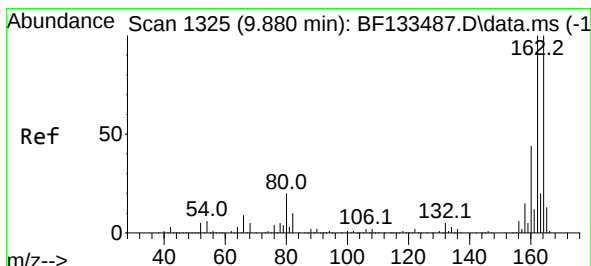
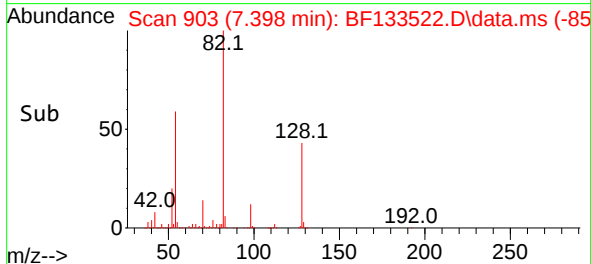
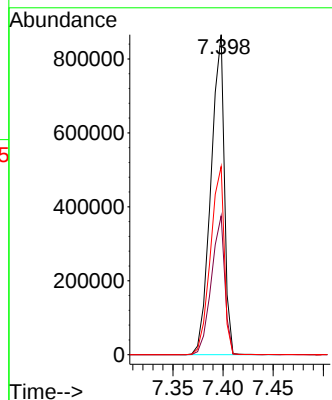
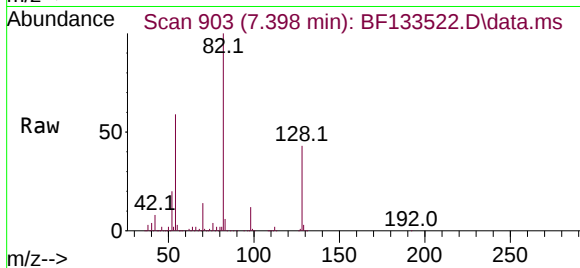
Tgt Ion: 82 Resp: 810262

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

54 58.8 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: BF133522.D

Acq: 30 May 2023 15:15

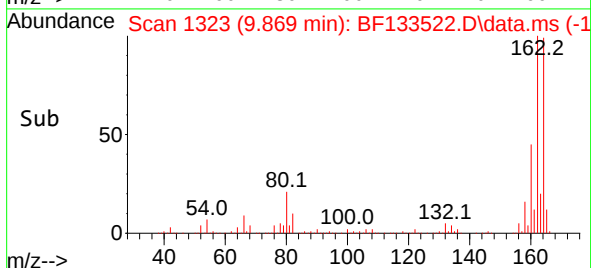
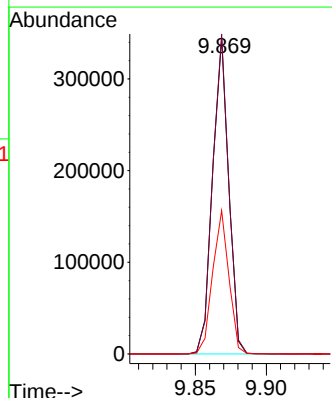
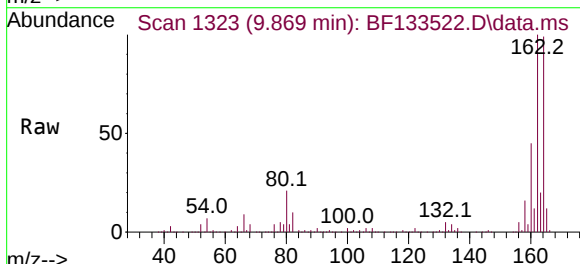
Tgt Ion: 164 Resp: 271147

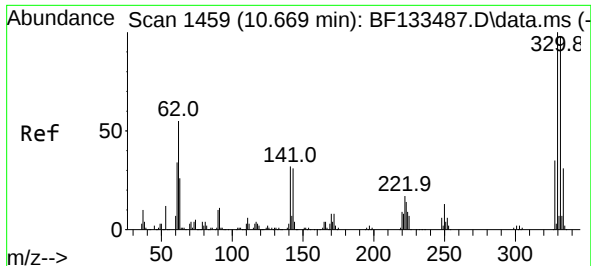
Ion Ratio Lower Upper

164 100

162 101.2 79.7 119.5

160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 87.341 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133522.D

Acq: 30 May 2023 15:15

Instrument :

BNA_F

ClientSampleId :

TWP01RE

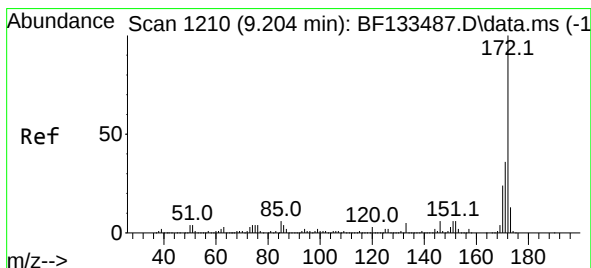
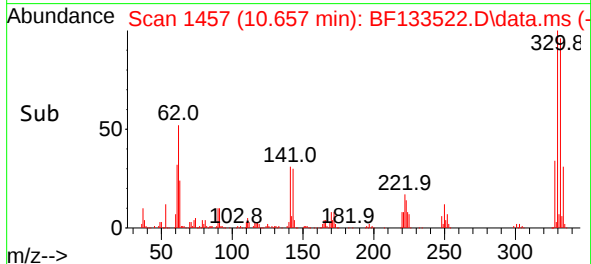
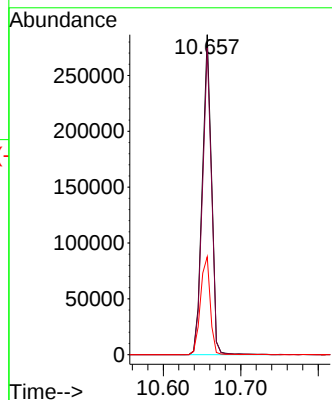
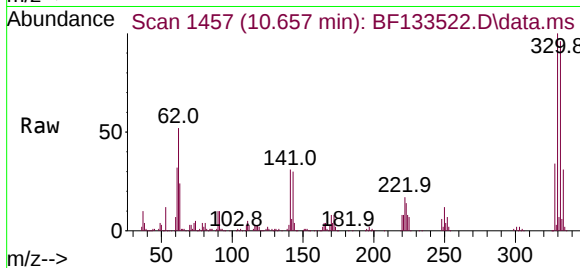
Tgt Ion:330 Resp: 236068

Ion Ratio Lower Upper

330 100

332 95.0 77.8 116.6

141 32.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 79.277 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133522.D

Acq: 30 May 2023 15:15

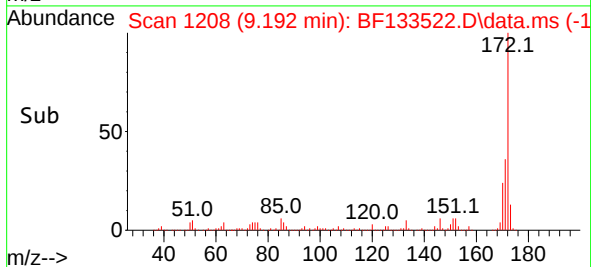
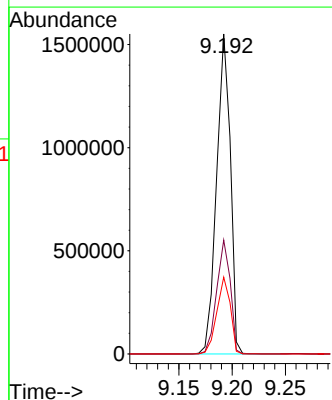
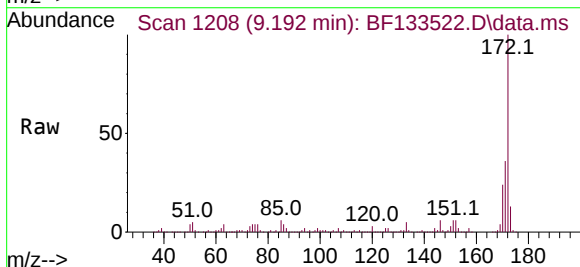
Tgt Ion:172 Resp: 1392720

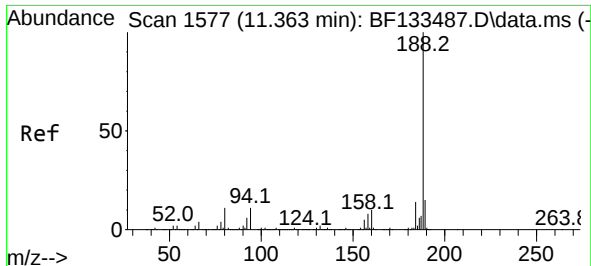
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.0 19.3 28.9

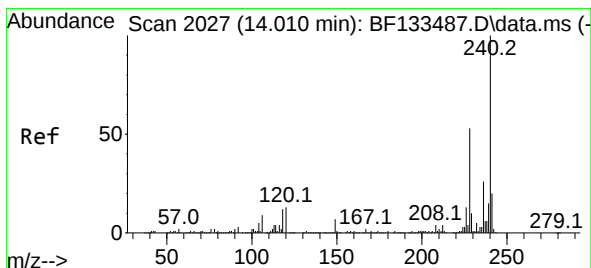
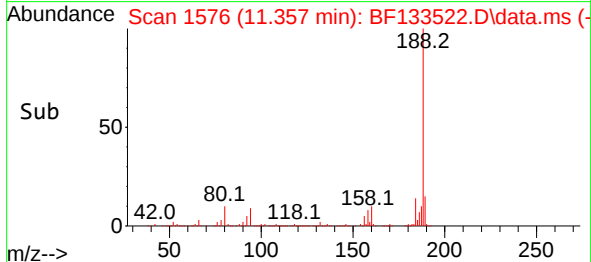
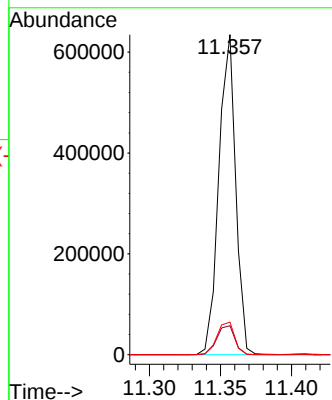
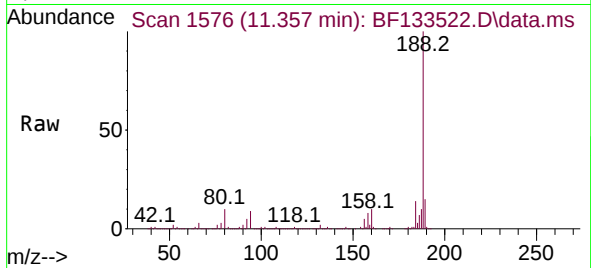




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133522.D
Acq: 30 May 2023 15:15

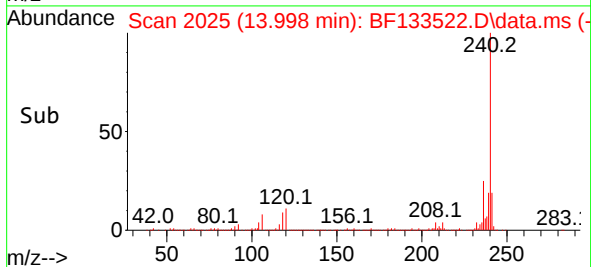
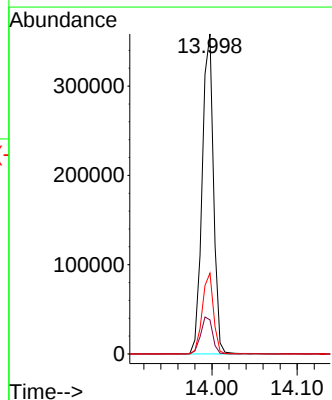
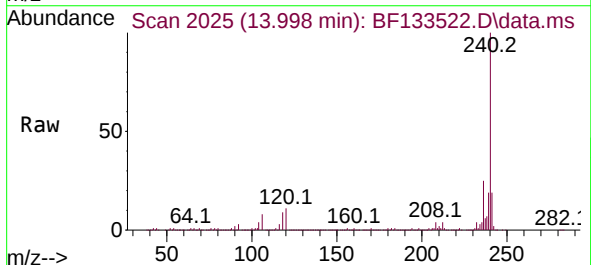
Instrument :
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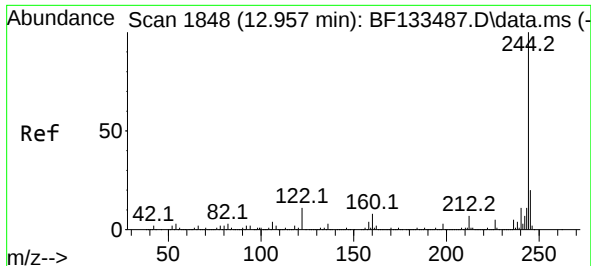
Tgt Ion:188 Resp: 522555
Ion Ratio Lower Upper
188 100
94 9.1 8.6 12.8
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133522.D
Acq: 30 May 2023 15:15

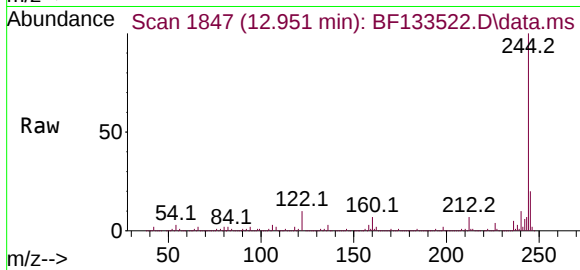
Tgt Ion:240 Resp: 331432
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 25.3 20.5 30.7



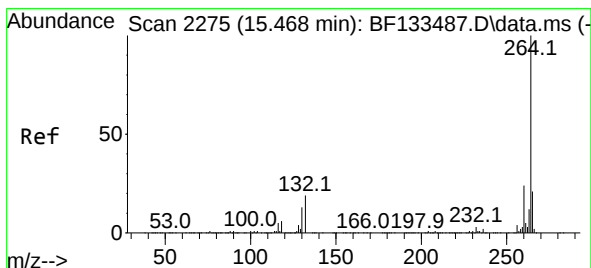
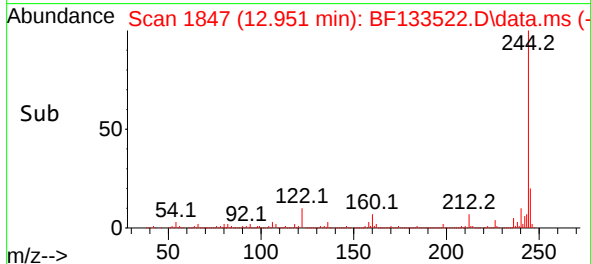
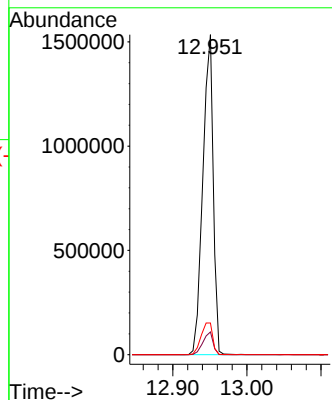


#79
 Terphenyl-d14
 Concen: 80.162 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133522.D
 Acq: 30 May 2023 15:15

Instrument :
 BNA_F
 ClientSampleId :
 TWP01RE



Tgt Ion:244 Resp: 1494291
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133522.D
 Acq: 30 May 2023 15:15

Tgt Ion:264 Resp: 269767
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.2 16.8 25.2

