

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133521.D
 Acq On : 30 May 2023 14:43
 Operator : CG\JU
 Sample : 02945-11RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP04RE

Quant Time: May 30 15:06:14 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	154095	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	581894	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	286671	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	555004	20.000	ng	0.00
76) Chrysene-d12	13.998	240	387103	20.000	ng	0.00
86) Perylene-d12	15.451	264	288962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	405248	43.878	ng	0.00
7) Phenol-d6	6.446	99	312834	27.516	ng	-0.02
23) Nitrobenzene-d5	7.398	82	887801	101.869	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	261306	91.443	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1527304	82.230	ng	0.00
79) Terphenyl-d14	12.951	244	1647099	75.652	ng	0.00

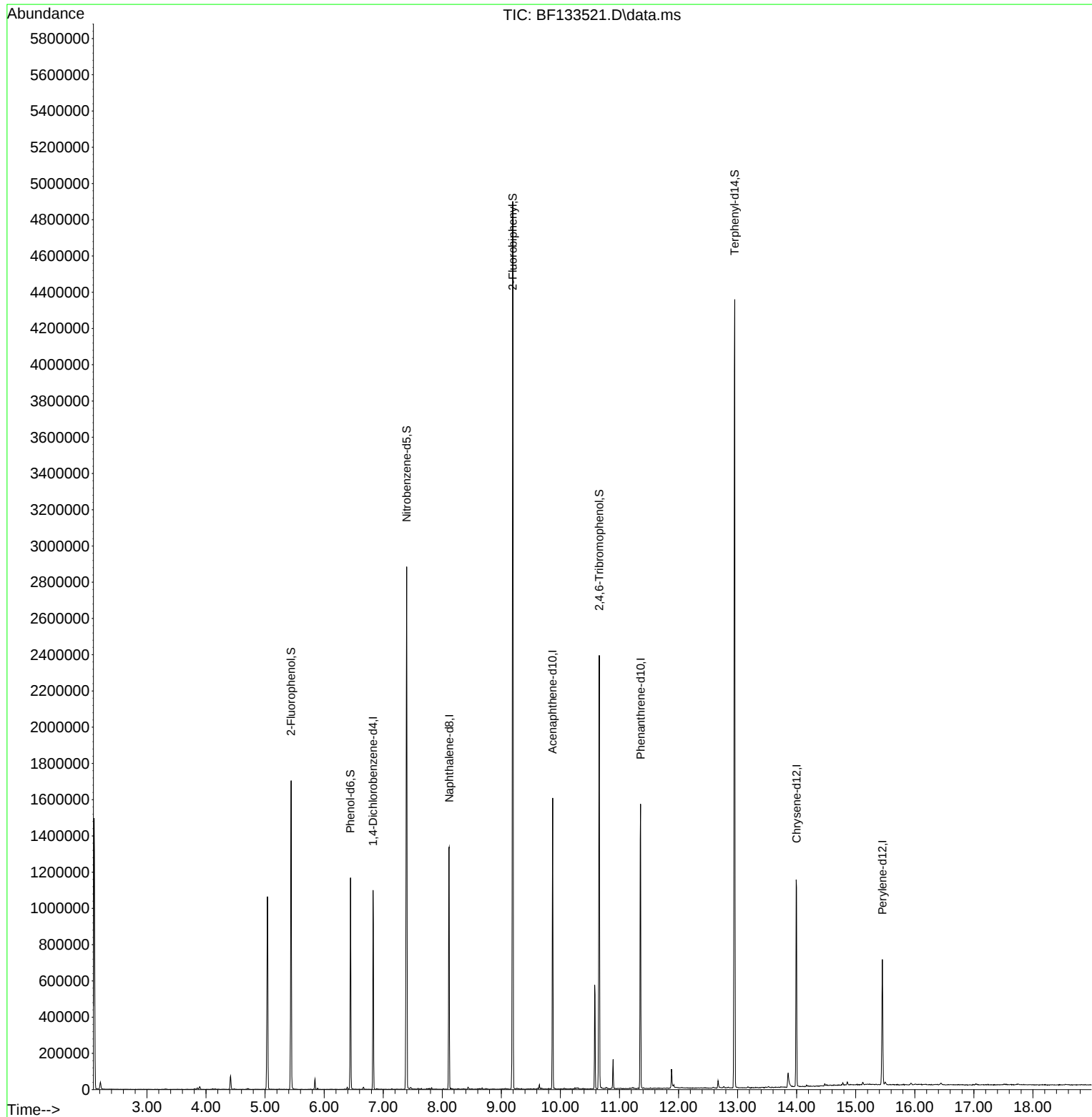
Target Compounds	Qvalue

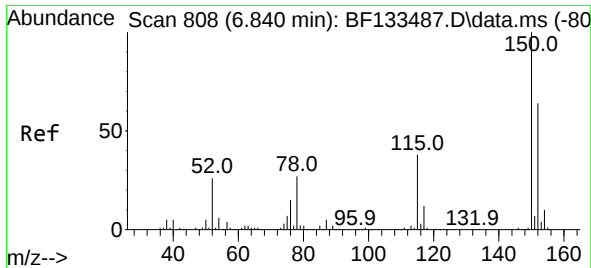
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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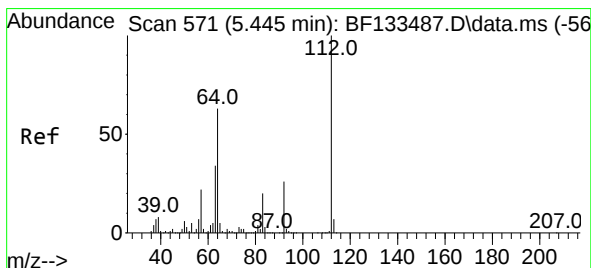
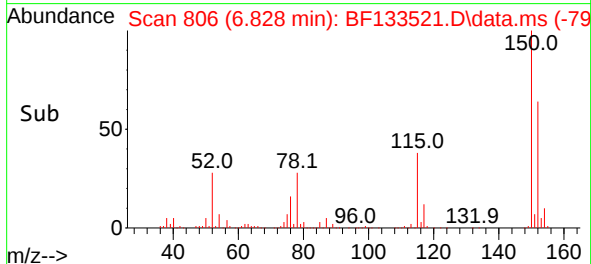
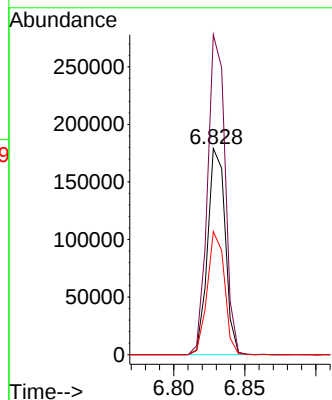
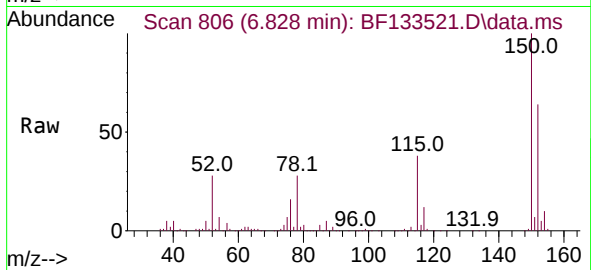




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133521.D
Acq: 30 May 2023 14:43

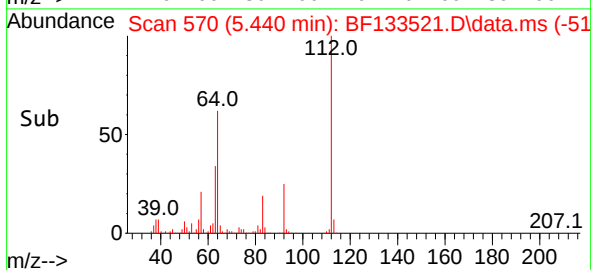
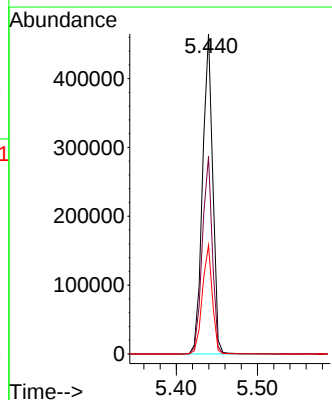
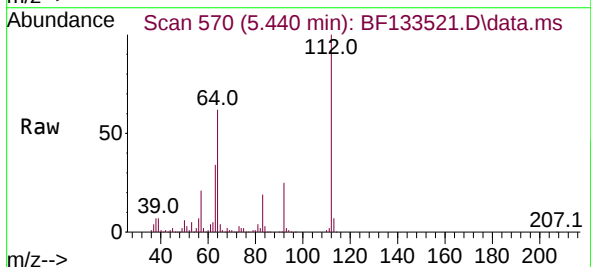
Instrument :
BNA_F
ClientSampleId :
TWP04RE

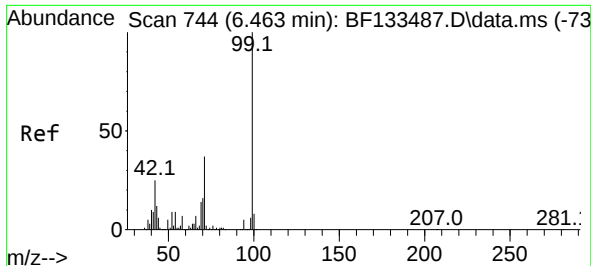
Tgt Ion:152 Resp: 154095
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 59.6 48.1 72.1



#5
2-Fluorophenol
Concen: 43.878 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133521.D
Acq: 30 May 2023 14:43

Tgt Ion:112 Resp: 405248
Ion Ratio Lower Upper
112 100
64 61.7 50.1 75.1
63 34.0 27.5 41.3

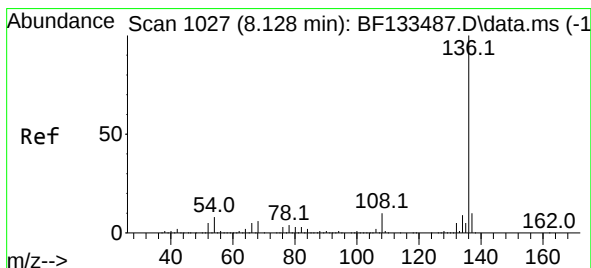
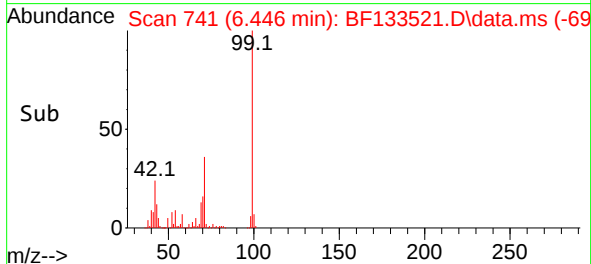
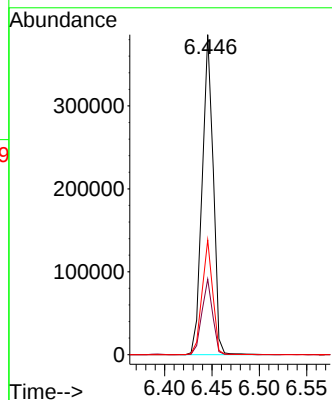
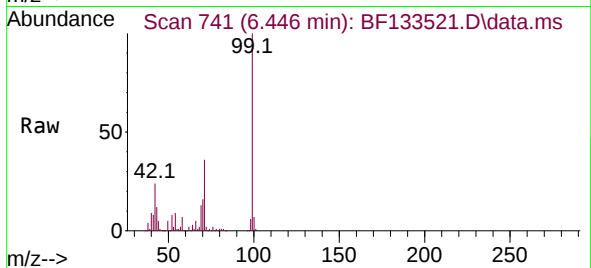




#7
Phenol-d6
Concen: 27.516 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF133521.D
Acq: 30 May 2023 14:43

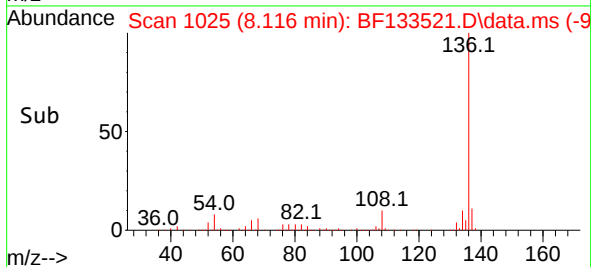
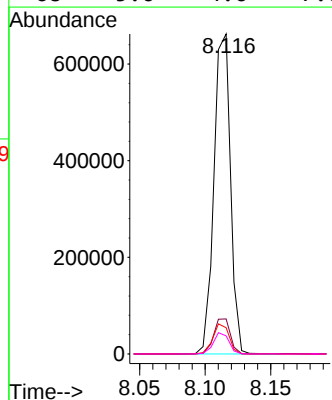
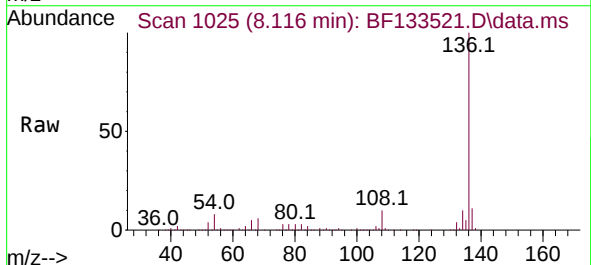
Instrument :
BNA_F
ClientSampleId :
TWP04RE

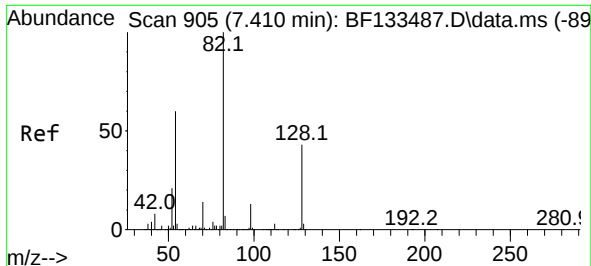
Tgt Ion: 99 Resp: 312834
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 35.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133521.D
Acq: 30 May 2023 14:43

Tgt Ion: 136 Resp: 581894
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.2 6.6 10.0
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 101.869 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133521.D

Acq: 30 May 2023 14:43

Instrument :

BNA_F

ClientSampleId :

TWP04RE

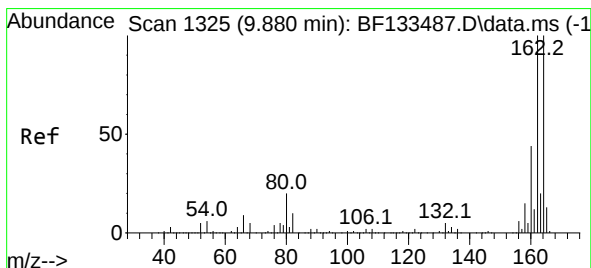
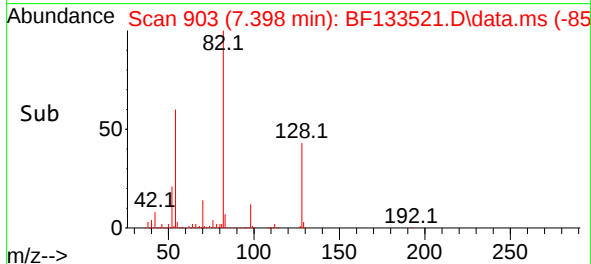
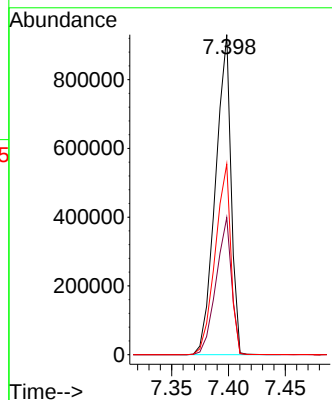
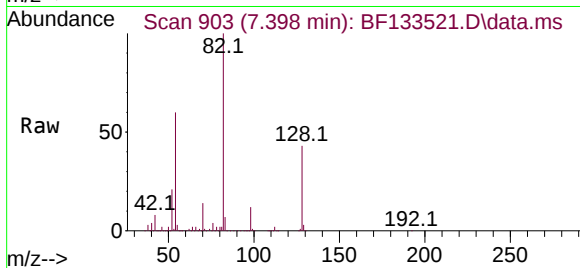
Tgt Ion: 82 Resp: 887801

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: BF133521.D

Acq: 30 May 2023 14:43

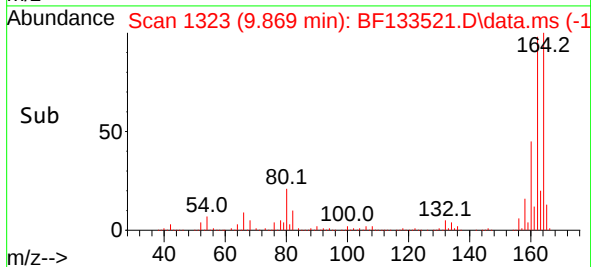
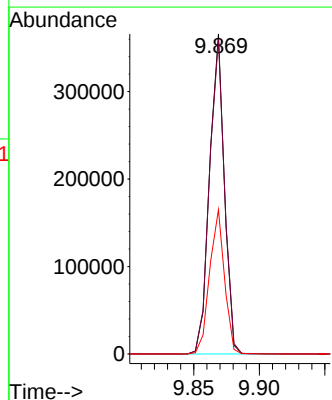
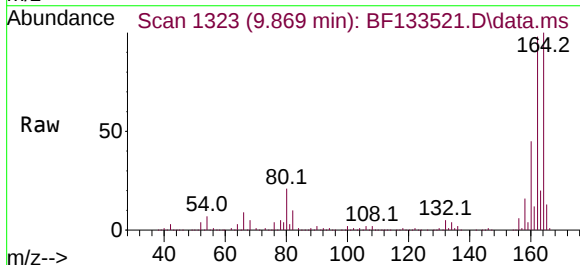
Tgt Ion: 164 Resp: 286671

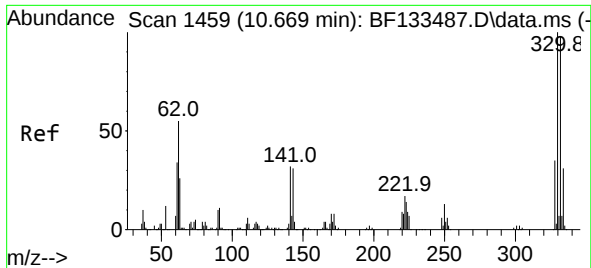
Ion Ratio Lower Upper

164 100

162 98.3 79.7 119.5

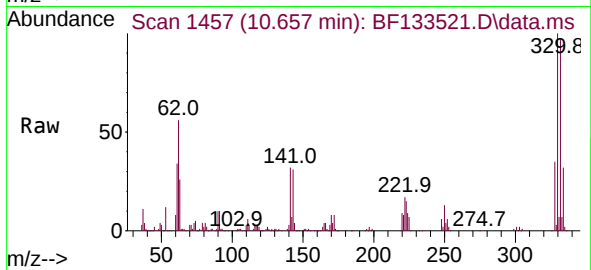
160 45.1 35.4 53.0



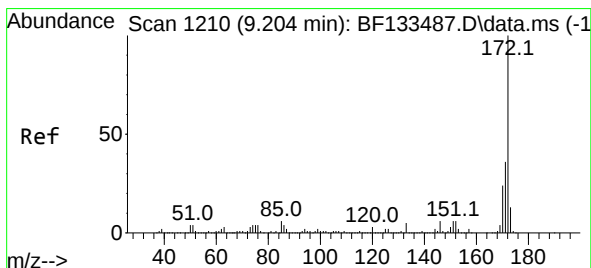
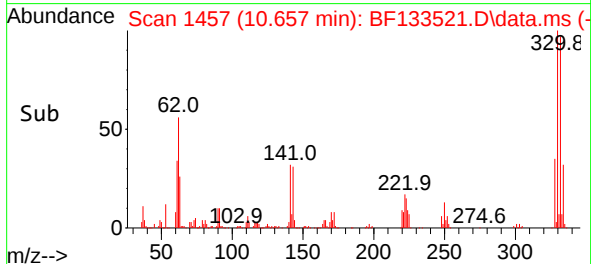
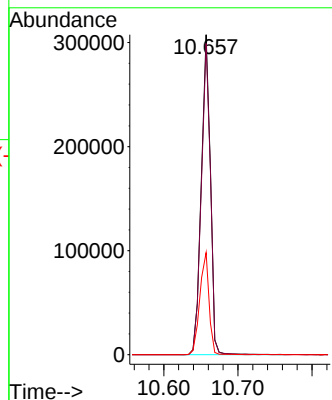


#42
2,4,6-Tribromophenol
Concen: 91.443 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133521.D
Acq: 30 May 2023 14:43

Instrument :
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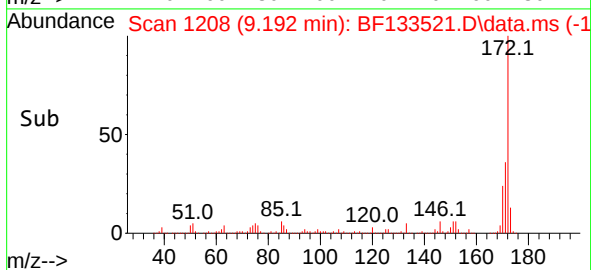
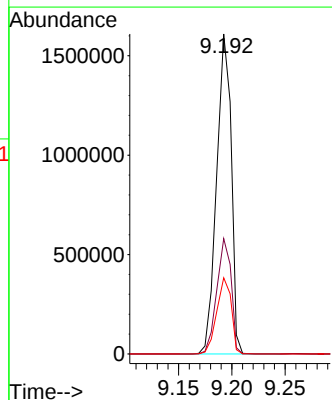
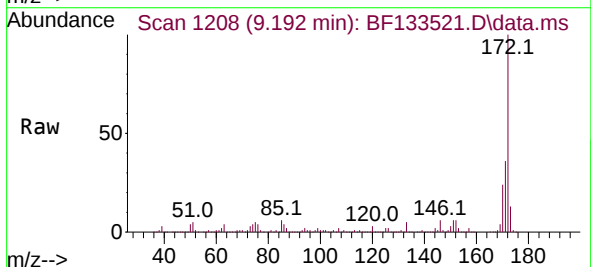


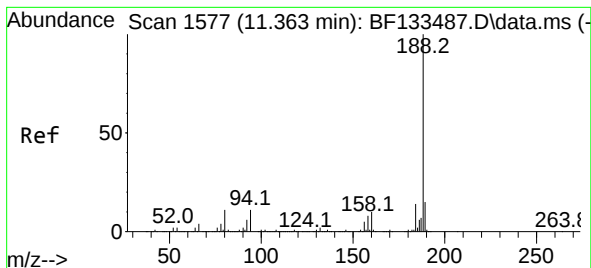
Tgt Ion: 330 Resp: 261306
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 32.4 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 82.230 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133521.D
Acq: 30 May 2023 14:43

Tgt Ion: 172 Resp: 1527304
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.8 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: BF133521.D

Acq: 30 May 2023 14:43

Instrument :

BNA_F

ClientSampleId :

TWP04RE

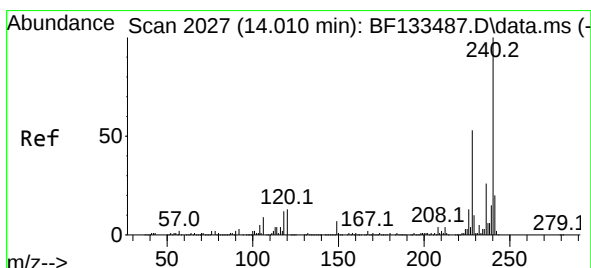
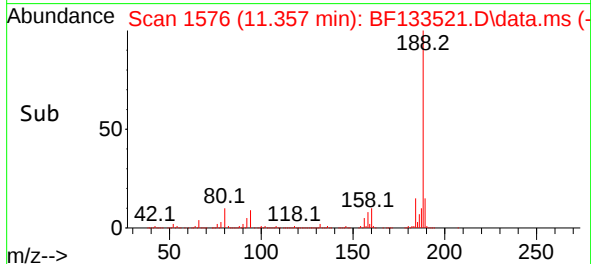
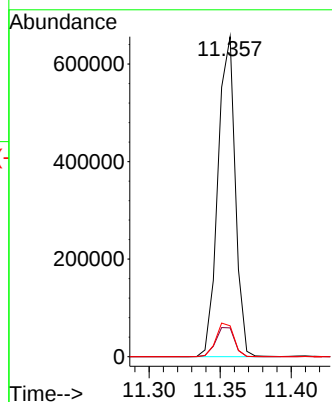
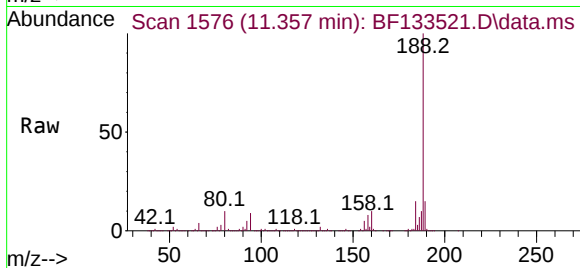
Tgt Ion:188 Resp: 555004

Ion Ratio Lower Upper

188 100

94 9.0 8.6 12.8

80 9.6 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: BF133521.D

Acq: 30 May 2023 14:43

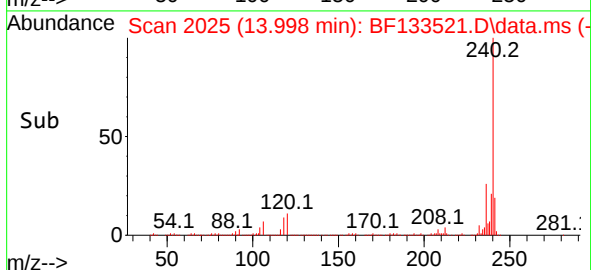
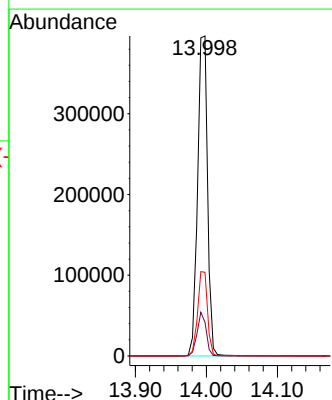
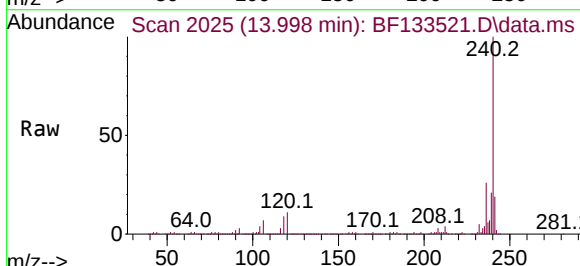
Tgt Ion:240 Resp: 387103

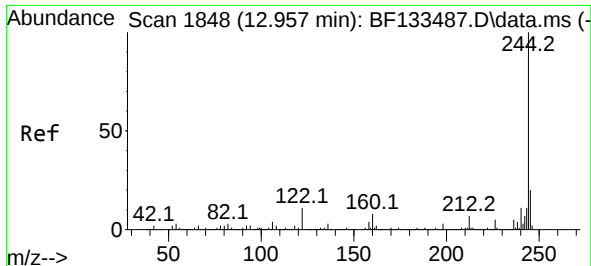
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

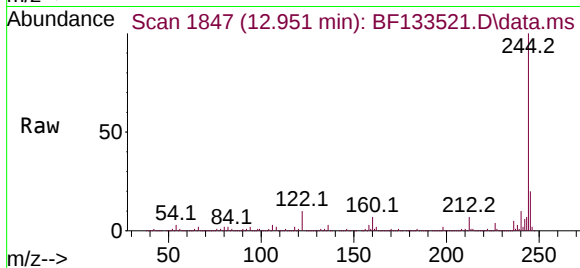
236 26.1 20.5 30.7



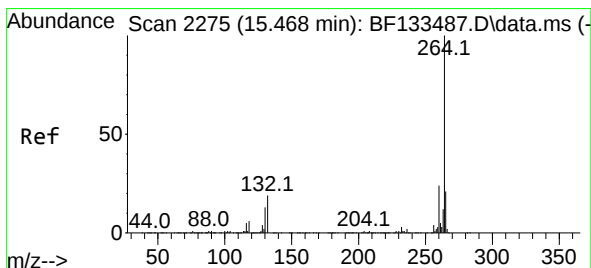
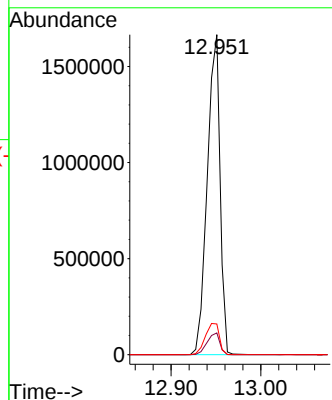
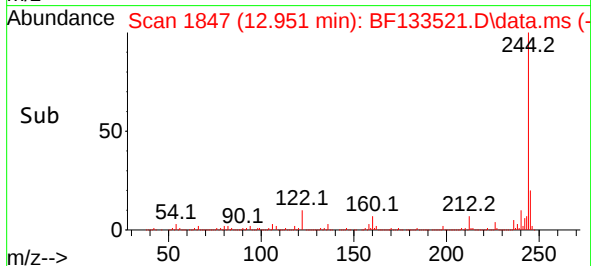


#79
 Terphenyl-d14
 Concen: 75.652 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133521.D
 Acq: 30 May 2023 14:43

Instrument :
 BNA_F
 ClientSampleId :
 TWP04RE



Tgt Ion:244 Resp: 1647099
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.6 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: BF133521.D
 Acq: 30 May 2023 14:43

Tgt Ion:264 Resp: 288962
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.8 16.8 25.2

