

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133553.D
 Acq On : 31 May 2023 22:38
 Operator : CG\JU
 Sample : 02978-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WM6699AA

Quant Time: Jun 01 02:05:31 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	139253	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	518083	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	259726	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	521896	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	327369	20.000	ng	-0.01
86) Perylene-d12	15.451	264	321240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	791696	94.857	ng	0.01
7) Phenol-d6	6.457	99	1106551	107.702	ng	0.00
23) Nitrobenzene-d5	7.398	82	881295	113.578	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	216779	83.731	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1541962	91.632	ng	0.00
79) Terphenyl-d14	12.951	244	1855962	100.800	ng	0.00

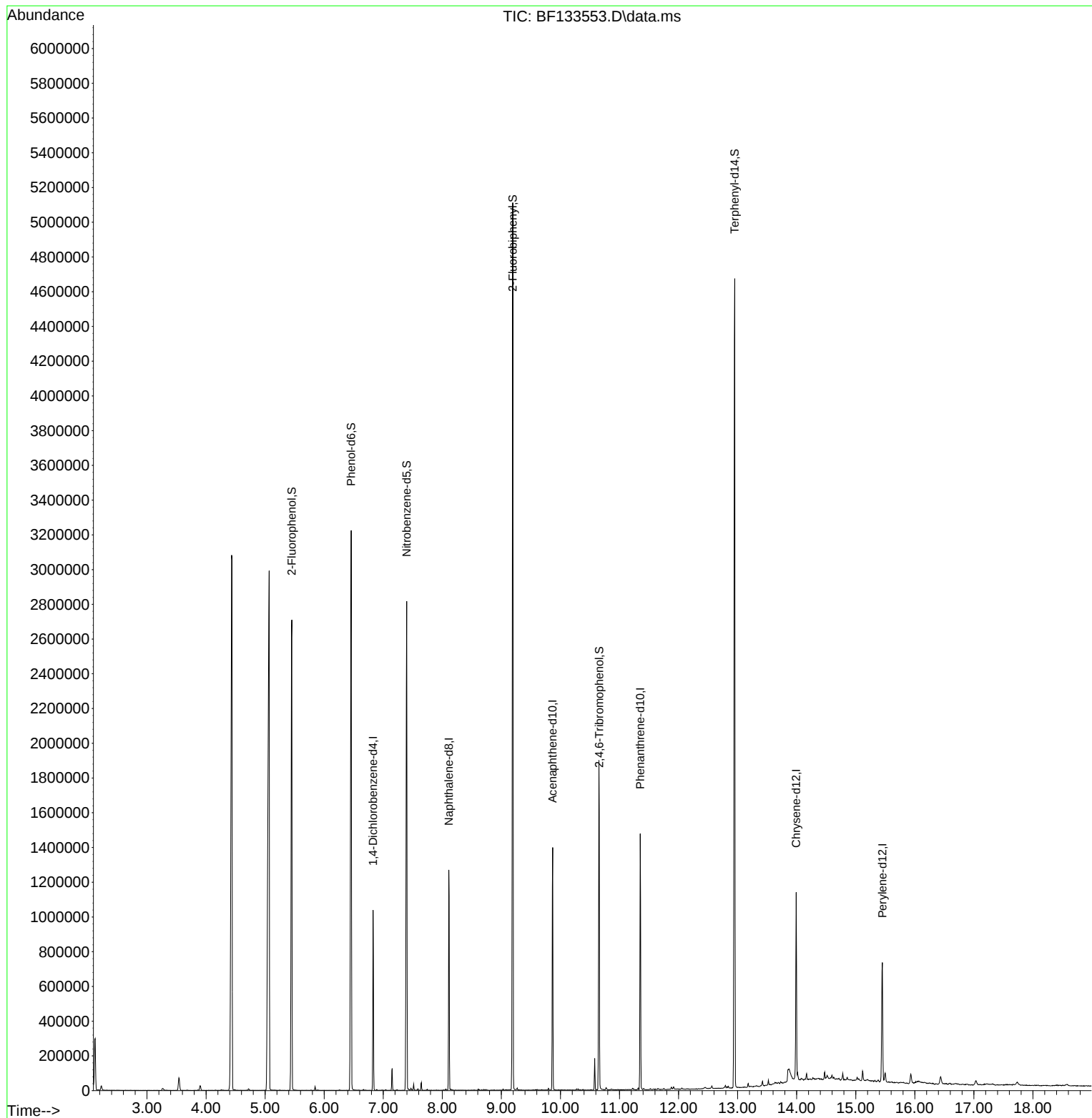
Target Compounds	Qvalue

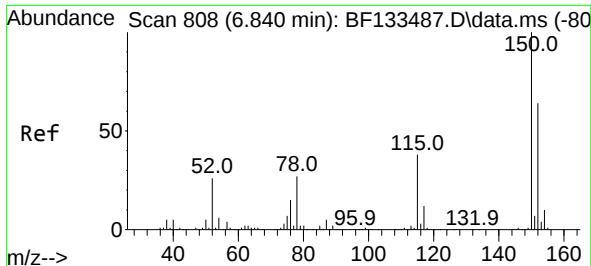
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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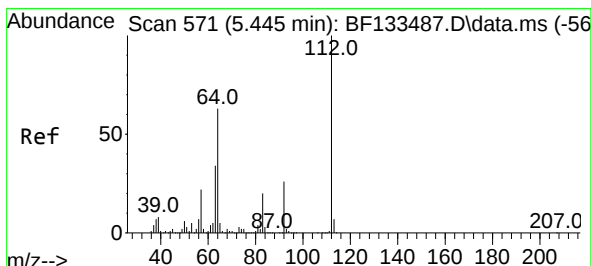
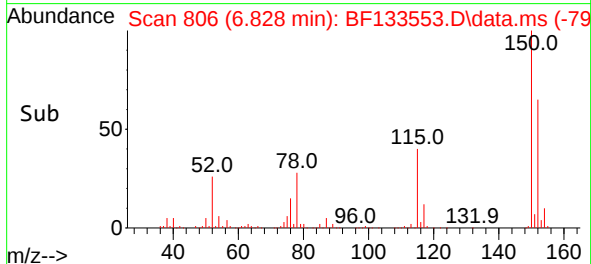
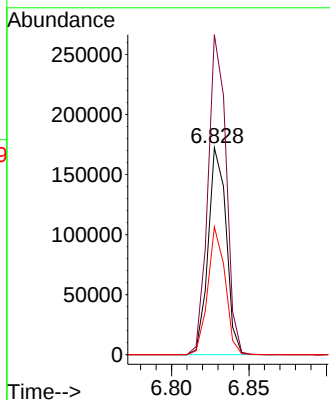
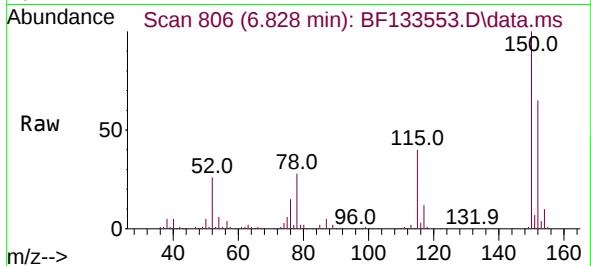




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133553.D
Acq: 31 May 2023 22:38

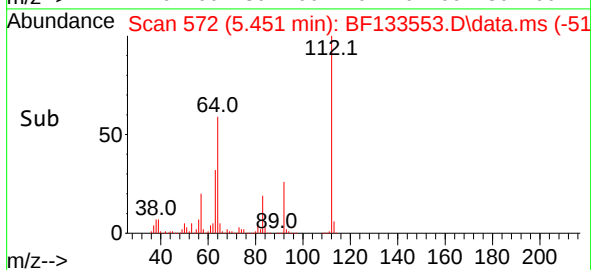
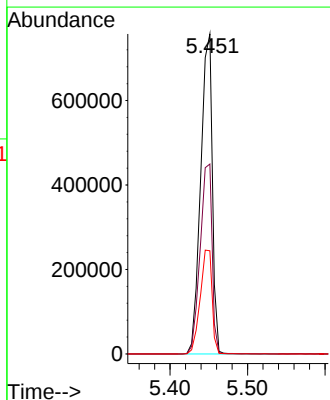
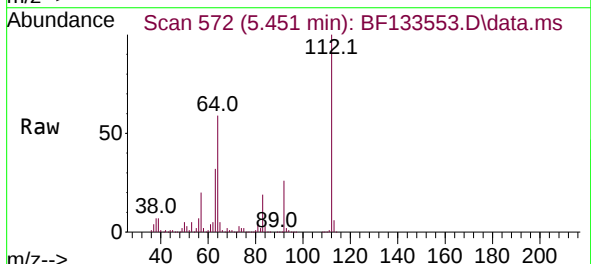
Instrument :
BNA_F
ClientSampleId :
WM6699AA

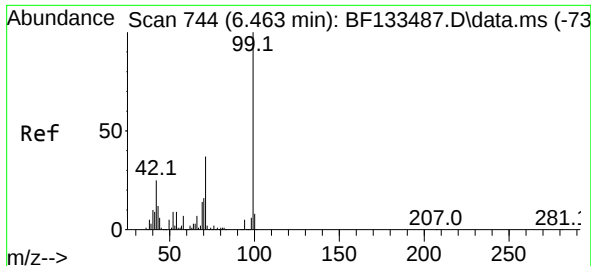
Tgt Ion:152 Resp: 139253
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 94.857 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.011 min
Lab File: BF133553.D
Acq: 31 May 2023 22:38

Tgt Ion:112 Resp: 791696
Ion Ratio Lower Upper
112 100
64 59.4 50.1 75.1
63 32.3 27.5 41.3

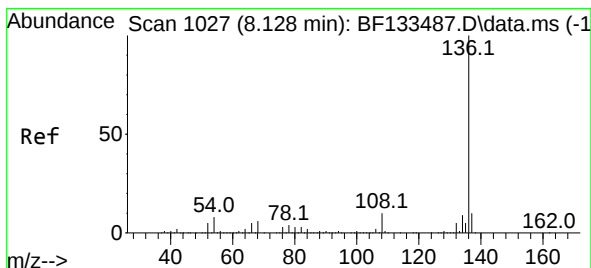
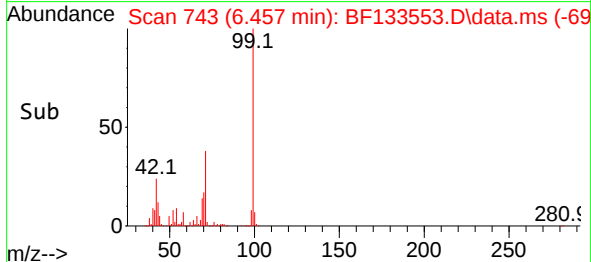
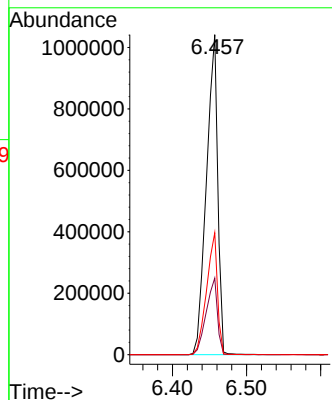
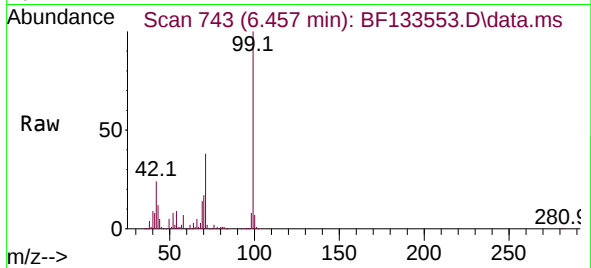




#7
Phenol-d6
Concen: 107.702 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133553.D
Acq: 31 May 2023 22:38

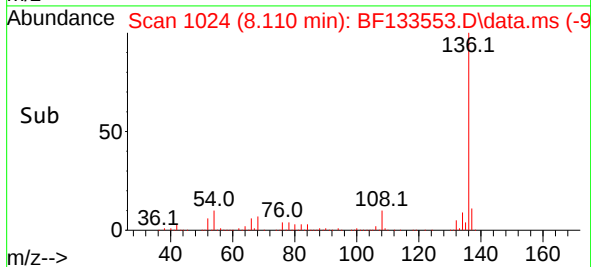
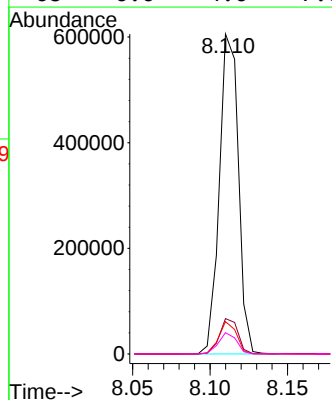
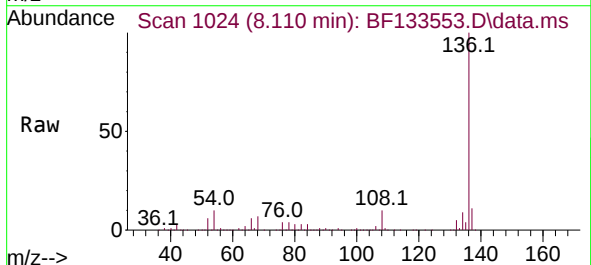
Instrument :
BNA_F
ClientSampleId :
WM6699AA

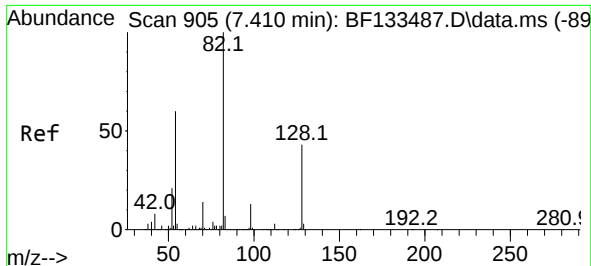
Tgt Ion: 99 Resp: 1106551
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 38.1 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133553.D
Acq: 31 May 2023 22:38

Tgt Ion: 136 Resp: 518083
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 10.1 6.6 10.0#
68 6.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 113.578 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133553.D

Acq: 31 May 2023 22:38

Instrument :

BNA_F

ClientSampleId :

WM6699AA

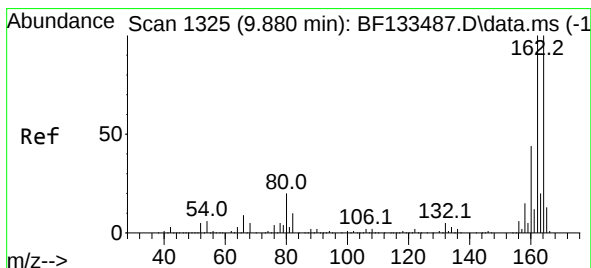
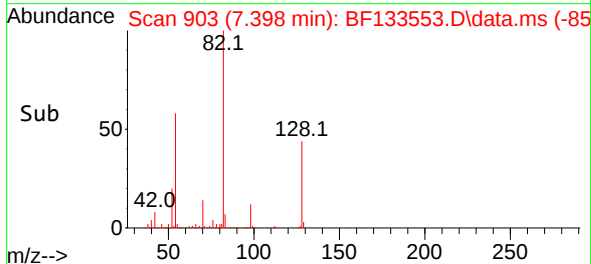
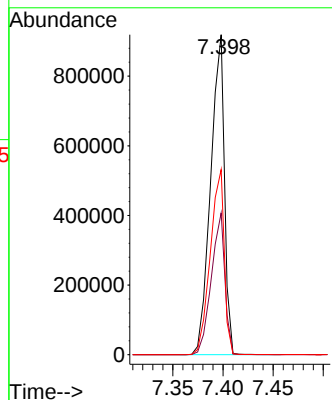
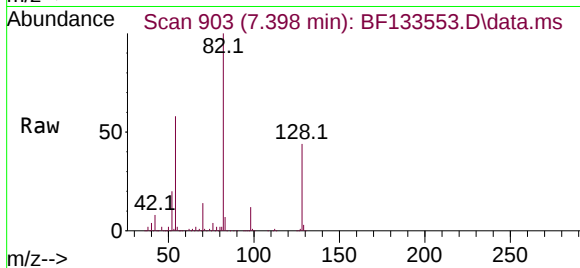
Tgt Ion: 82 Resp: 881295

Ion Ratio Lower Upper

82 100

128 44.3 34.2 51.4

54 57.9 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: BF133553.D

Acq: 31 May 2023 22:38

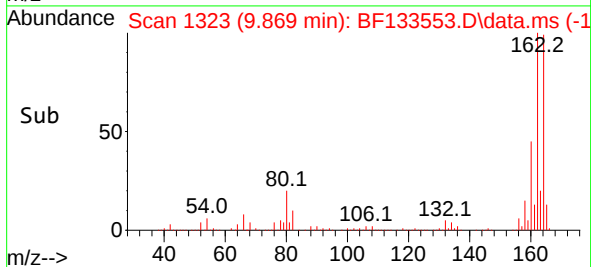
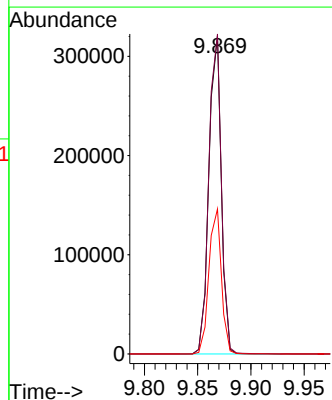
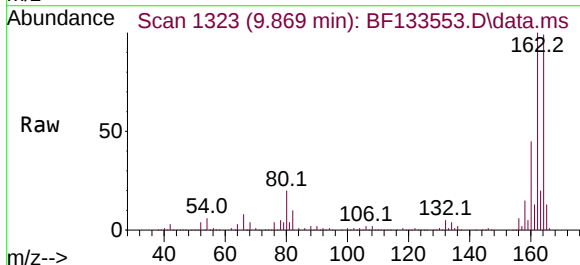
Tgt Ion: 164 Resp: 259726

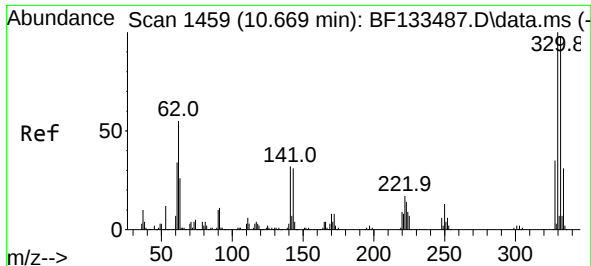
Ion Ratio Lower Upper

164 100

162 100.6 79.7 119.5

160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 83.731 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133553.D

Acq: 31 May 2023 22:38

Instrument :

BNA_F

ClientSampleId :

WM6699AA

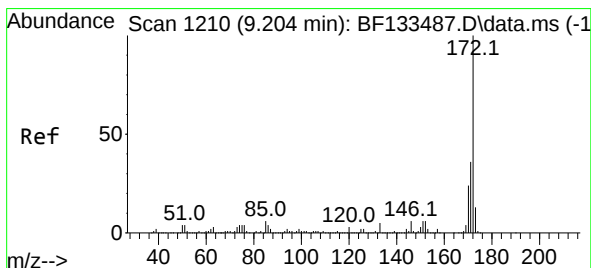
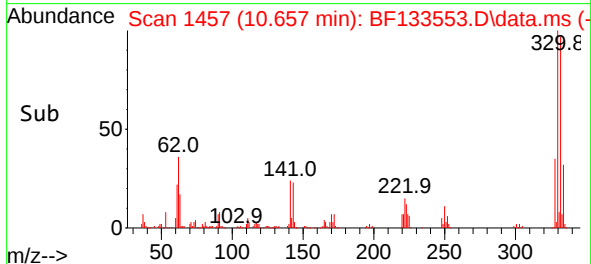
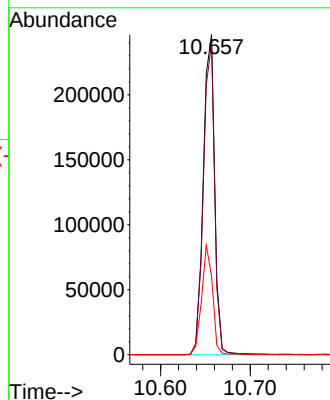
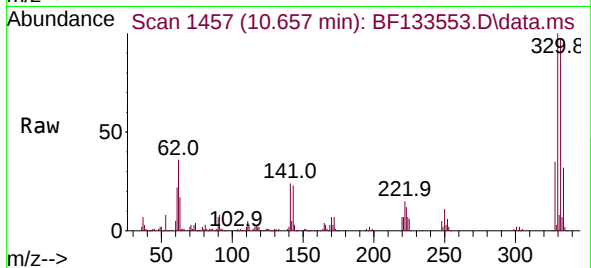
Tgt Ion:330 Resp: 216779

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.6

141 32.6 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 91.632 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133553.D

Acq: 31 May 2023 22:38

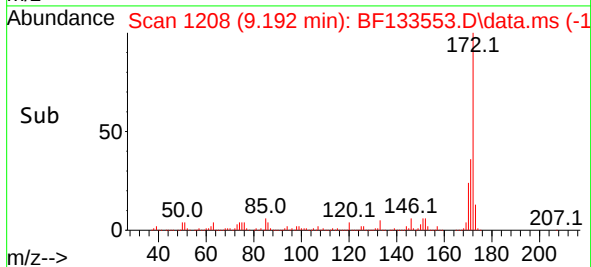
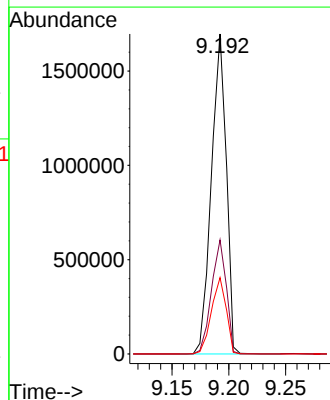
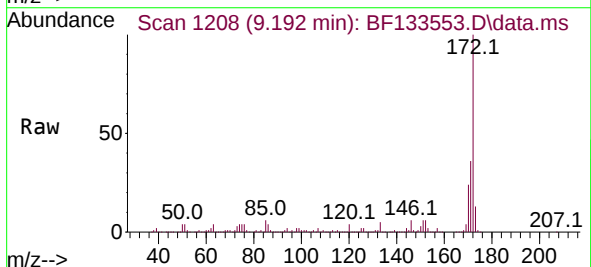
Tgt Ion:172 Resp: 1541962

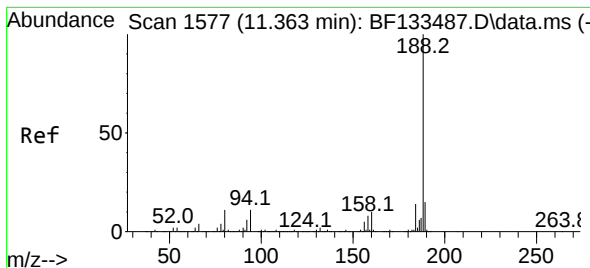
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133553.D

Acq: 31 May 2023 22:38

Instrument :

BNA_F

ClientSampleId :

WM6699AA

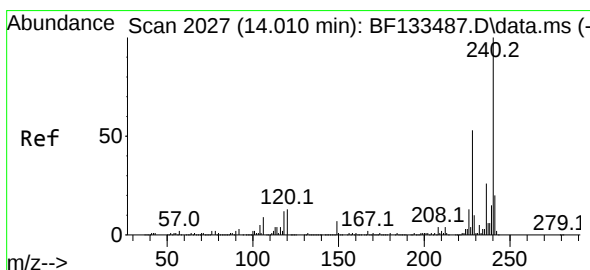
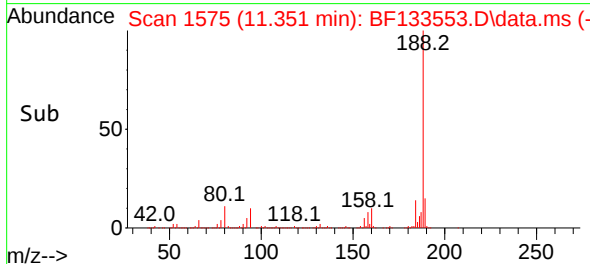
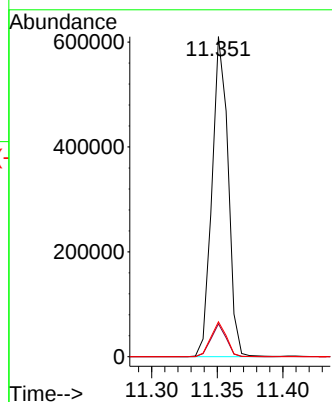
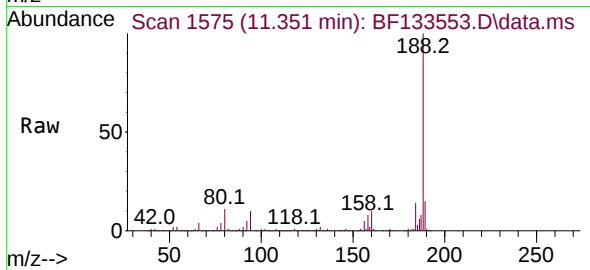
Tgt Ion:188 Resp: 521896

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

80 10.9 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF133553.D

Acq: 31 May 2023 22:38

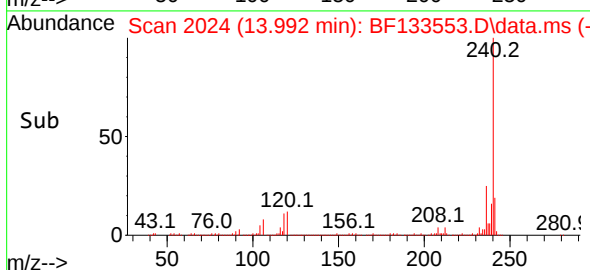
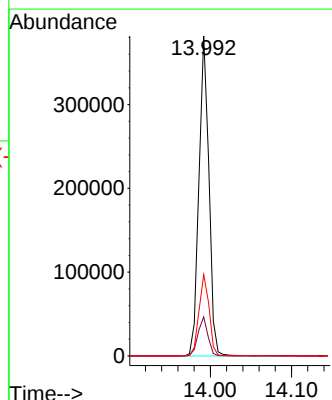
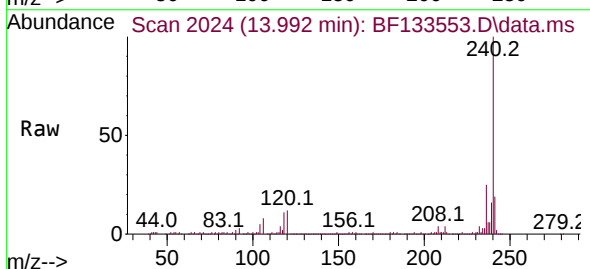
Tgt Ion:240 Resp: 327369

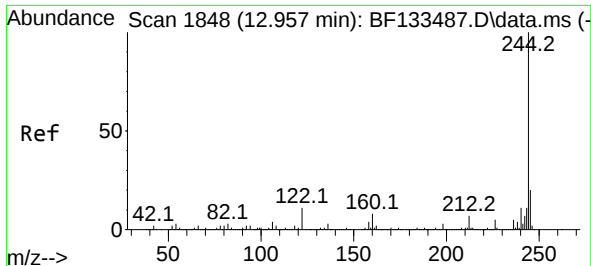
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

236 25.4 20.5 30.7

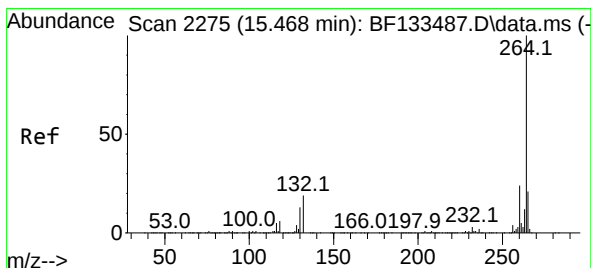
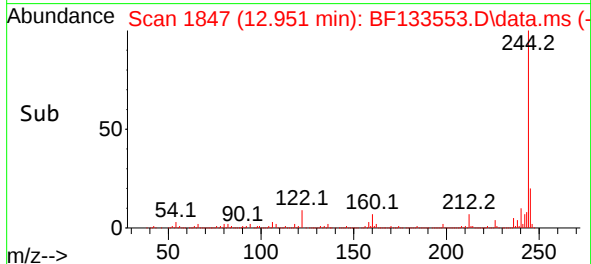
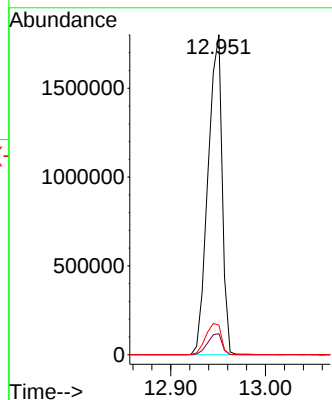
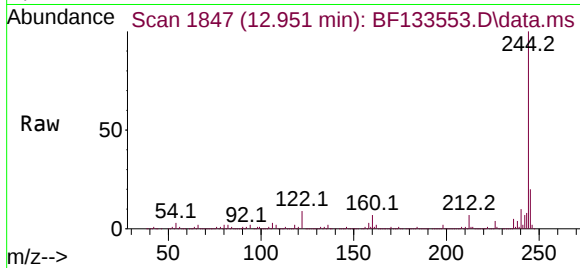




#79
 Terphenyl-d14
 Concen: 100.800 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133553.D
 Acq: 31 May 2023 22:38

Instrument :
 BNA_F
 ClientSampleId :
 WM6699AA

Tgt Ion:244 Resp: 1855962
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 9.2 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: BF133553.D
 Acq: 31 May 2023 22:38

Tgt Ion:264 Resp: 321240
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 21.2 16.8 25.2

