

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133523.D
 Acq On : 30 May 2023 15:46
 Operator : CG\JU
 Sample : 02955-15RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP05RE

Quant Time: May 30 16:13:38 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	6.834	152	146430	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	562339	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	277514	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	534833	20.000	ng	0.00
76) Chrysene-d12	13.998	240	368745	20.000	ng	0.00
86) Perylene-d12	15.457	264	275901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	313347	35.704	ng	0.00
7) Phenol-d6	6.445	99	235726	21.819	ng	-0.02
23) Nitrobenzene-d5	7.398	82	789708	93.765	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	228331	82.540	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1400168	77.873	ng	0.00
79) Terphenyl-d14	12.951	244	1631223	78.653	ng	0.00

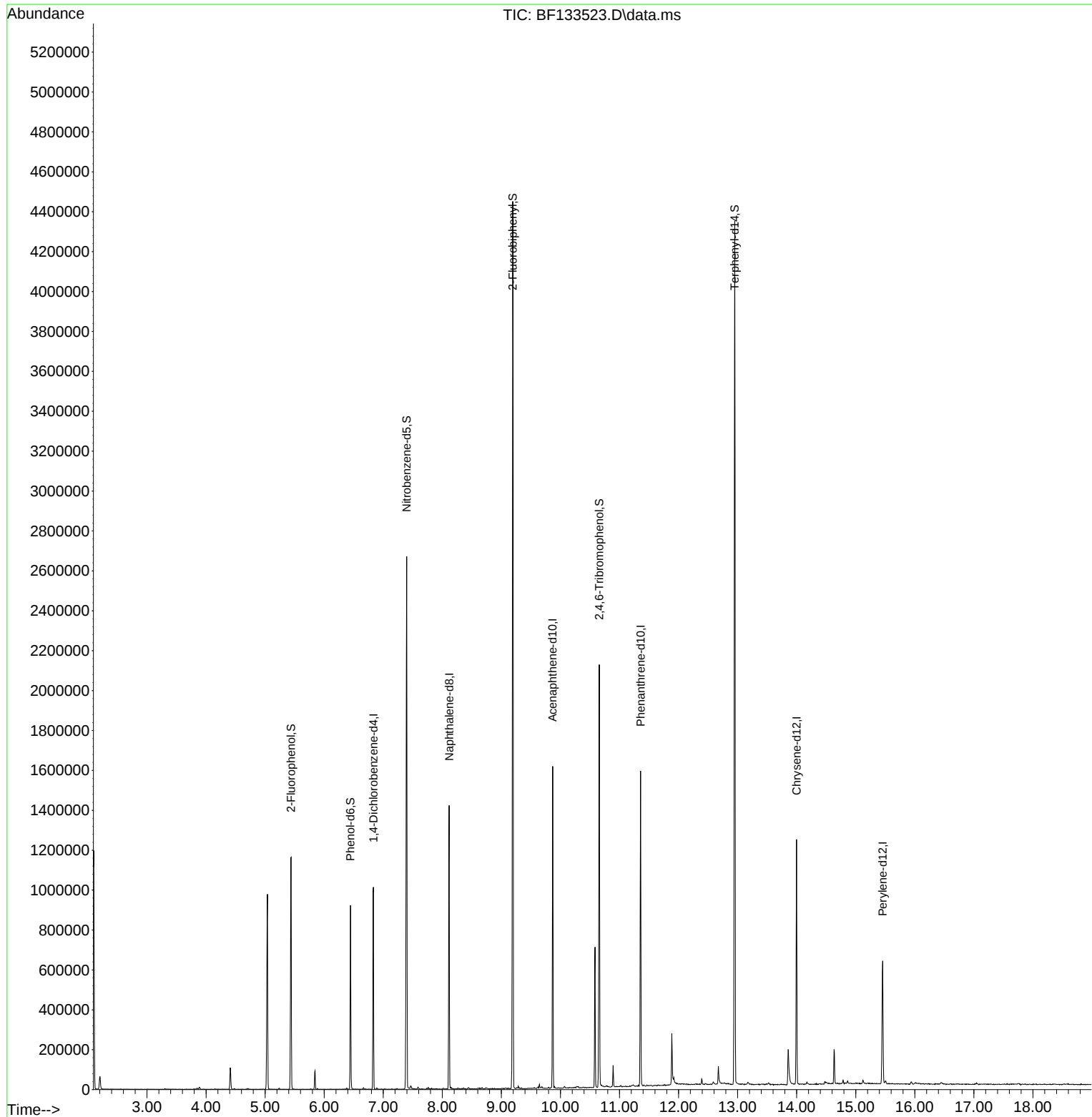
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
Data File : BF133523.D
Acq On : 30 May 2023 15:46
Operator : CG\JU
Sample : 02955-15RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP05RE

Quant Time: May 30 16:13:38 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

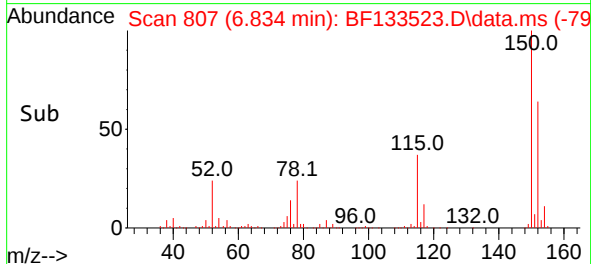
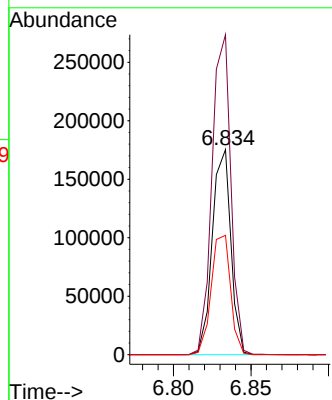
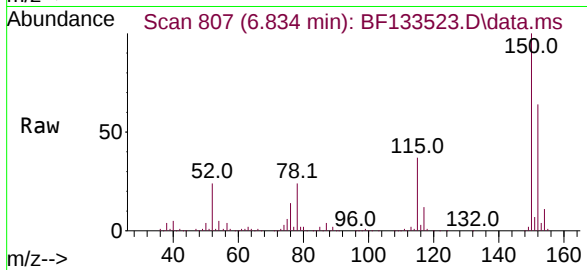




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133523.D
Acq: 30 May 2023 15:46

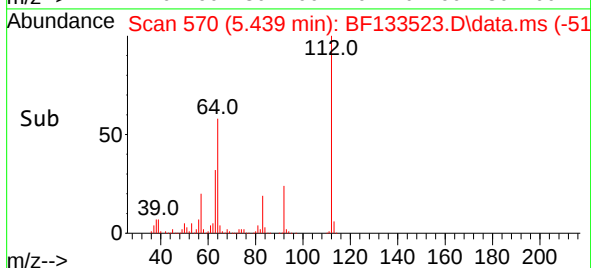
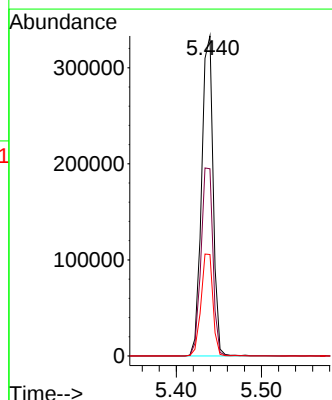
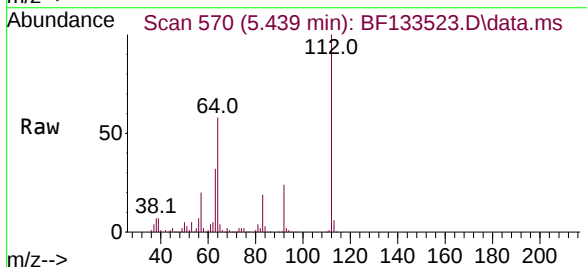
Instrument :
BNA_F
ClientSampleId :
TWP05RE

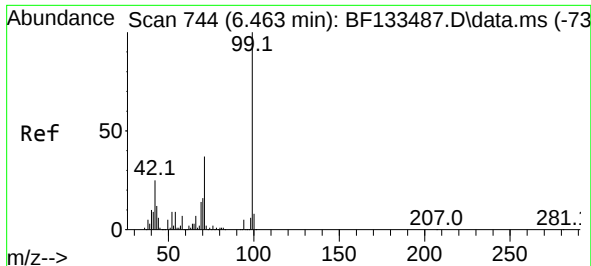
Tgt Ion:152 Resp: 146430
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 58.2 48.1 72.1



#5
2-Fluorophenol
Concen: 35.704 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133523.D
Acq: 30 May 2023 15:46

Tgt Ion:112 Resp: 313347
Ion Ratio Lower Upper
112 100
64 58.5 50.1 75.1
63 31.7 27.5 41.3

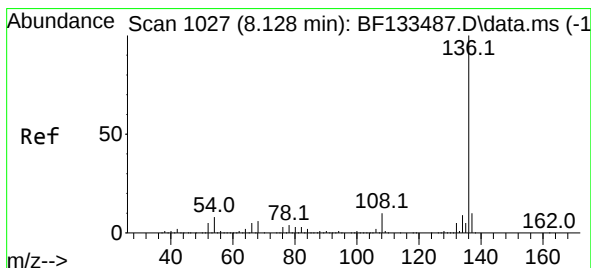
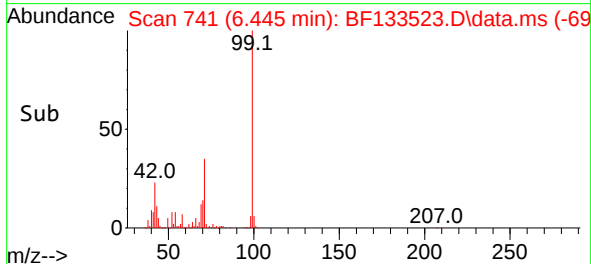
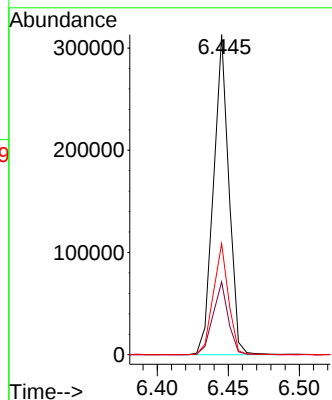
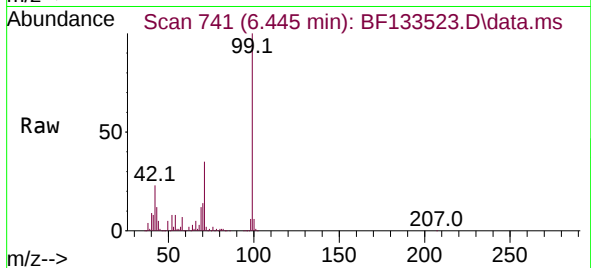




#7
Phenol-d6
Concen: 21.819 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133523.D
Acq: 30 May 2023 15:46

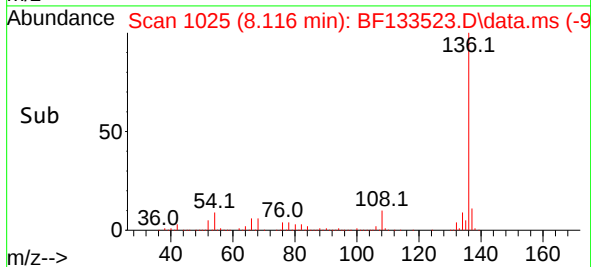
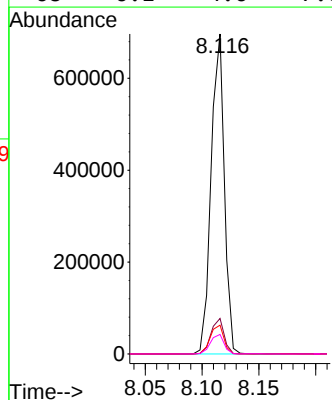
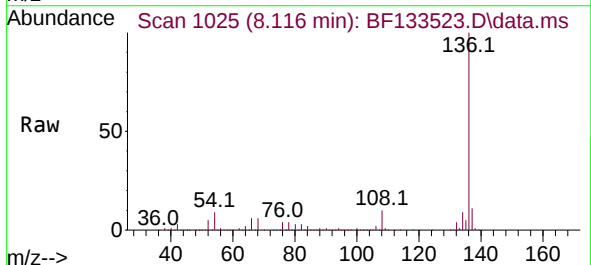
Instrument :
BNA_F
ClientSampleId :
TWP05RE

Tgt Ion: 99 Resp: 235726
Ion Ratio Lower Upper
99 100
42 22.8 19.7 29.5
71 34.7 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: BF133523.D
Acq: 30 May 2023 15:46

Tgt Ion: 136 Resp: 562339
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.0 6.6 10.0
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 93.765 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133523.D

Acq: 30 May 2023 15:46

Instrument :

BNA_F

ClientSampleId :

TWP05RE

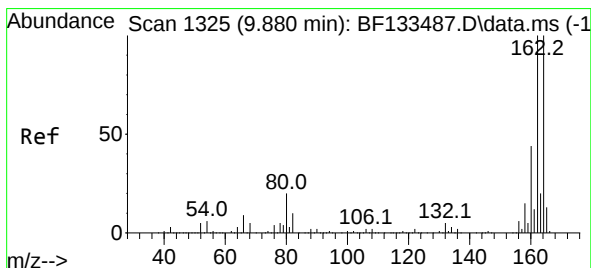
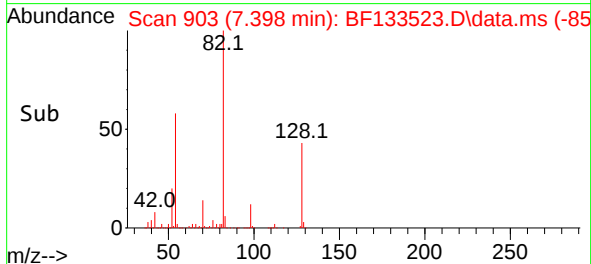
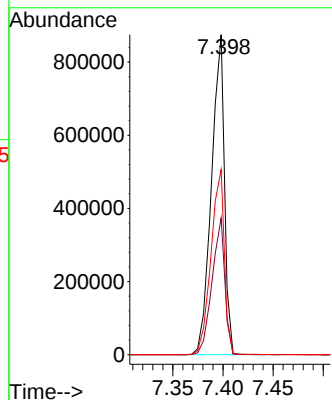
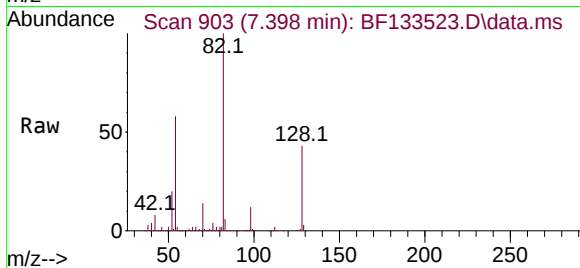
Tgt Ion: 82 Resp: 789708

Ion Ratio Lower Upper

82 100

128 42.7 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: BF133523.D

Acq: 30 May 2023 15:46

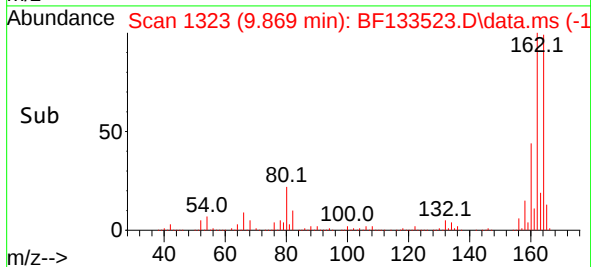
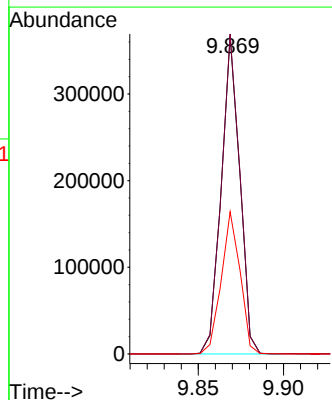
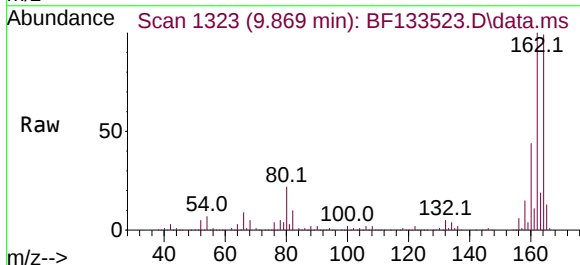
Tgt Ion: 164 Resp: 277514

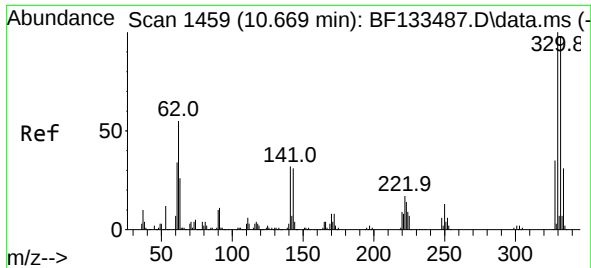
Ion Ratio Lower Upper

164 100

162 100.6 79.7 119.5

160 44.7 35.4 53.0

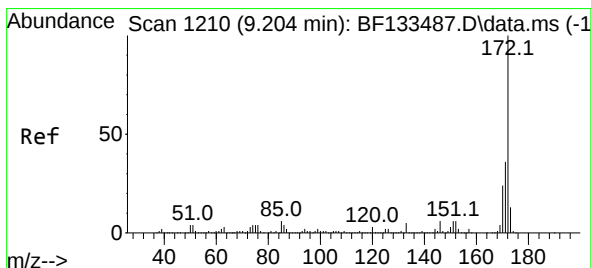
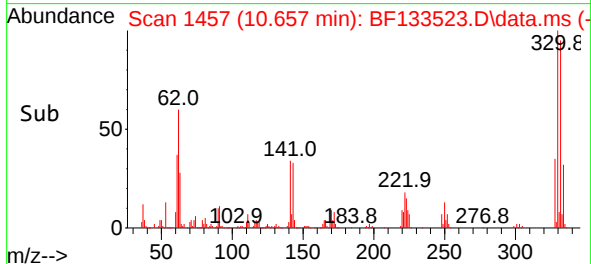
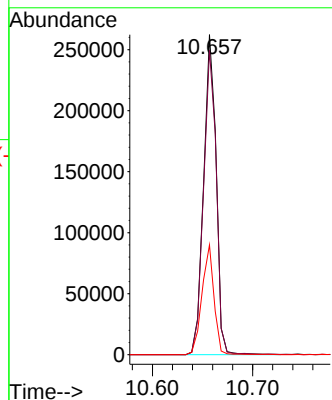
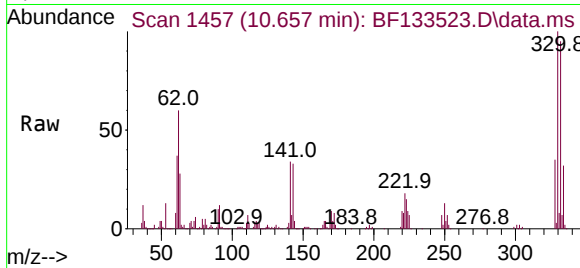




#42
2,4,6-Tribromophenol
Concen: 82.540 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133523.D
Acq: 30 May 2023 15:46

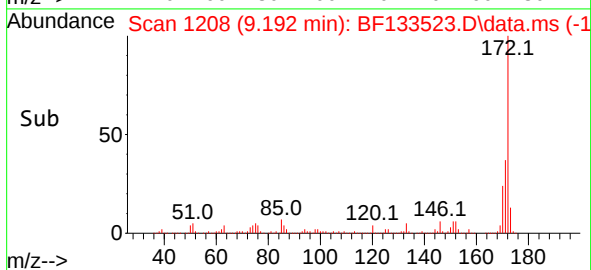
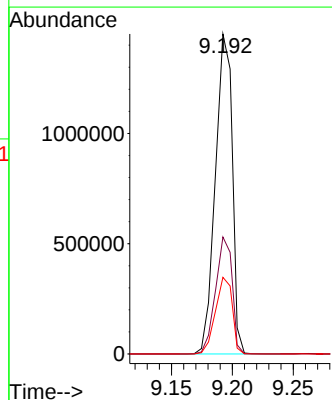
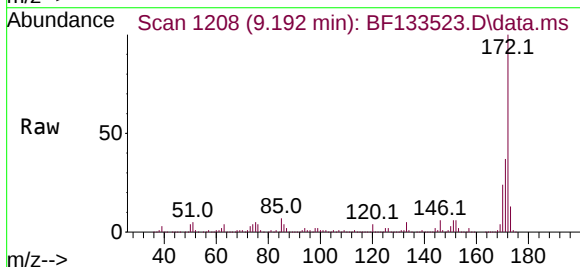
Instrument :
BNA_F
ClientSampleId :
TWP05RE

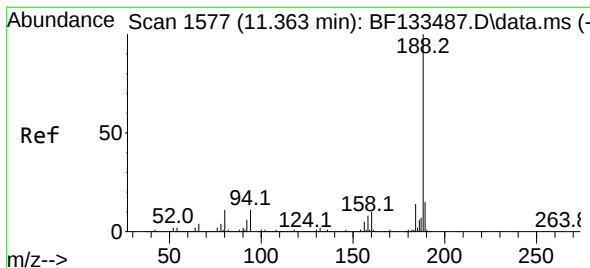
Tgt Ion:330 Resp: 228331
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 33.0 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 77.873 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133523.D
Acq: 30 May 2023 15:46

Tgt Ion:172 Resp: 1400168
Ion Ratio Lower Upper
172 100
171 36.6 28.4 42.6
170 23.9 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: BF133523.D

Acq: 30 May 2023 15:46

Instrument :

BNA_F

ClientSampleId :

TWP05RE

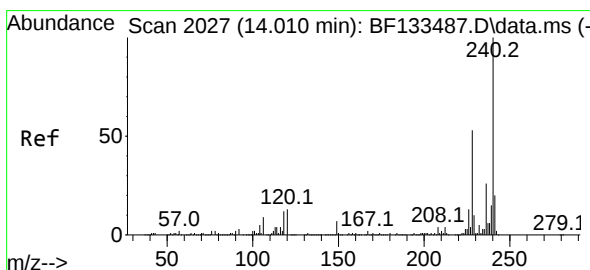
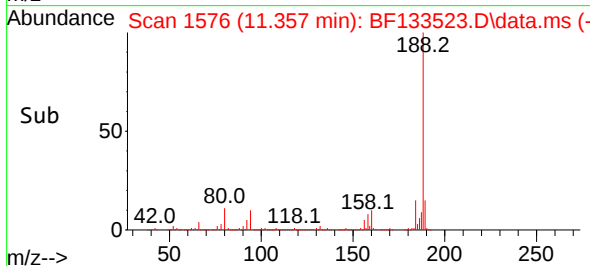
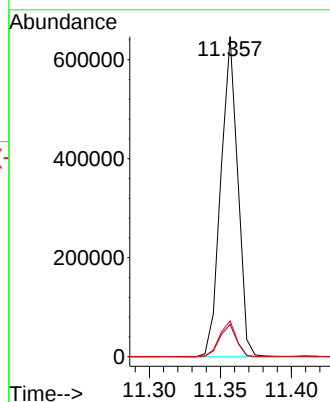
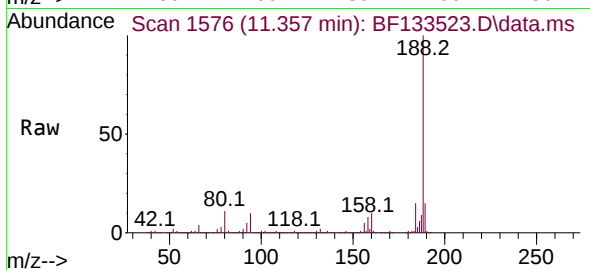
Tgt Ion:188 Resp: 534833

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

80 11.2 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: BF133523.D

Acq: 30 May 2023 15:46

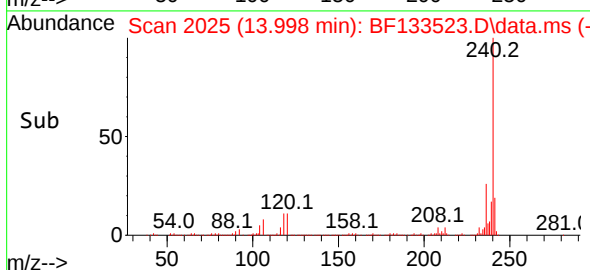
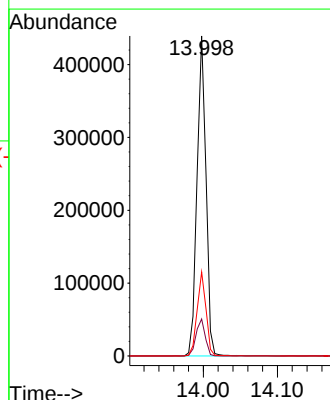
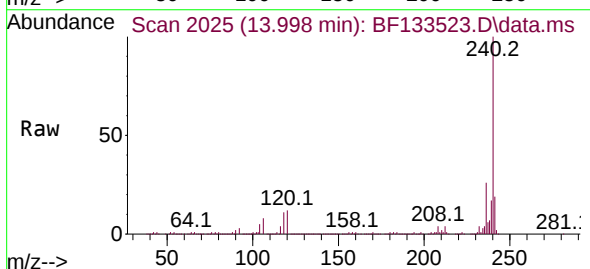
Tgt Ion:240 Resp: 368745

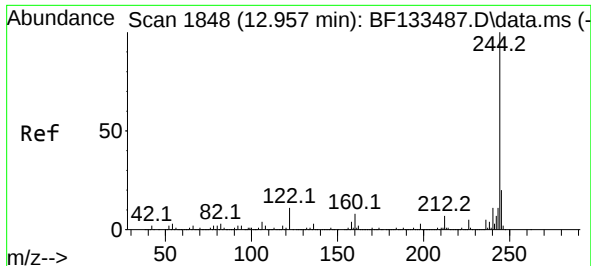
Ion Ratio Lower Upper

240 100

120 11.5 10.3 15.5

236 26.2 20.5 30.7

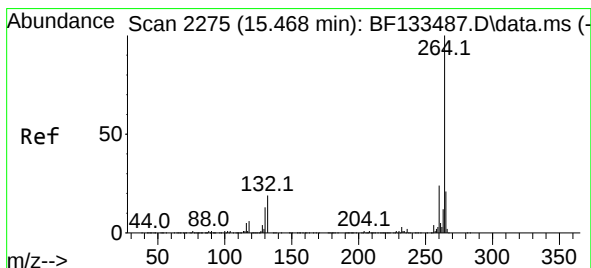
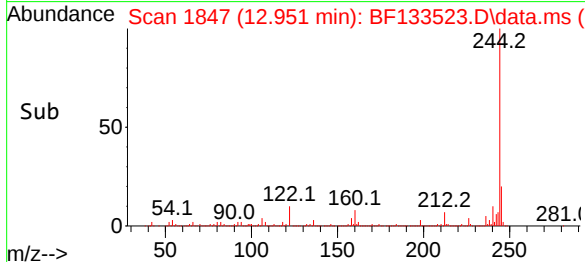
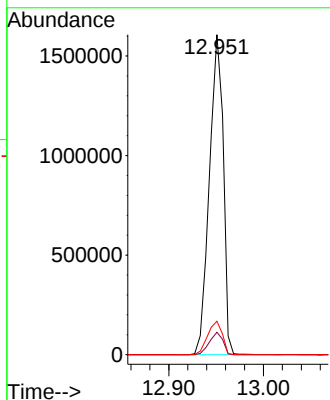
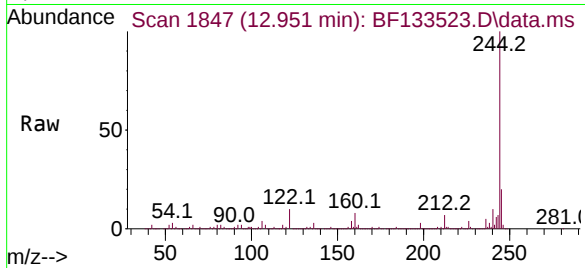




#79
 Terphenyl-d14
 Concen: 78.653 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133523.D
 Acq: 30 May 2023 15:46

Instrument :
 BNA_F
 ClientSampleId :
 TWP05RE

Tgt Ion:244 Resp: 1631223
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133523.D
 Acq: 30 May 2023 15:46

Tgt Ion:264 Resp: 275901
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 21.2 16.8 25.2

