

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133569.D
 Acq On : 05 Jun 2023 17:00
 Operator : CG\JU
 Sample : 02976-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jun 06 01:05:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	127050	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	466623	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	213292	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	383219	20.000	ng	0.00
76) Chrysene-d12	13.998	240	246868	20.000	ng	0.00
86) Perylene-d12	15.457	264	206307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	642788	84.413	ng	0.00
7) Phenol-d6	6.457	99	770693	82.217	ng	0.00
23) Nitrobenzene-d5	7.392	82	468709	67.067	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	187744	88.303	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	868124	62.820	ng	0.00
79) Terphenyl-d14	12.951	244	875543	63.058	ng	0.00

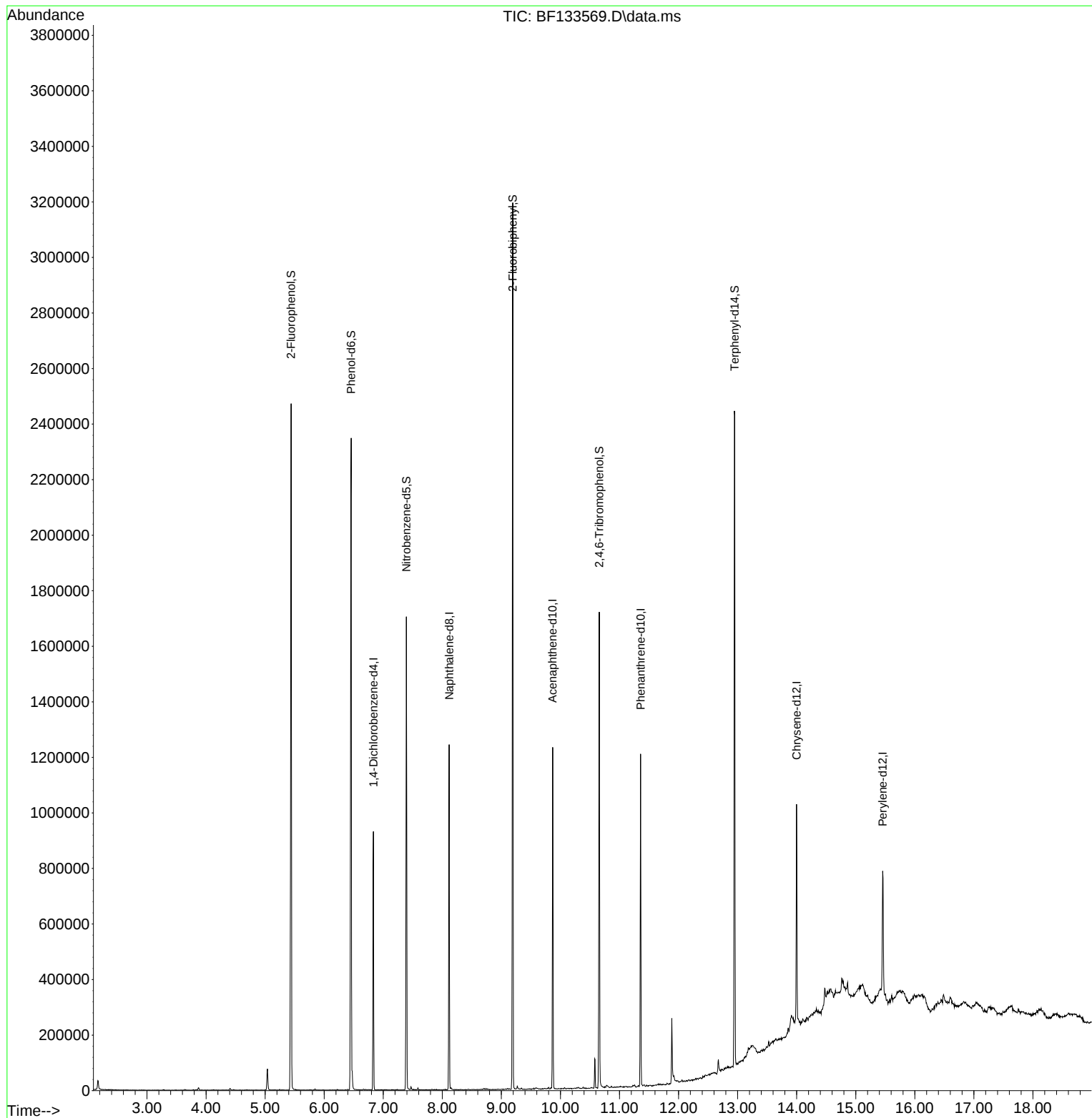
Target Compounds	Qvalue

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

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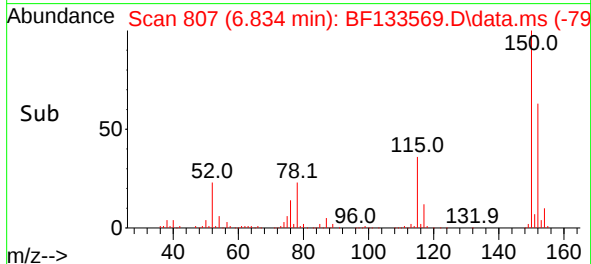
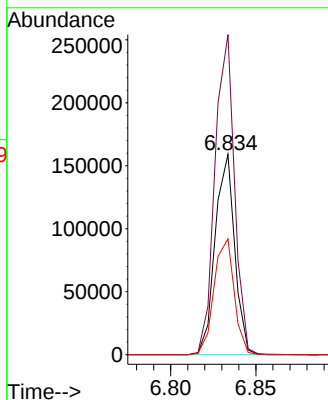
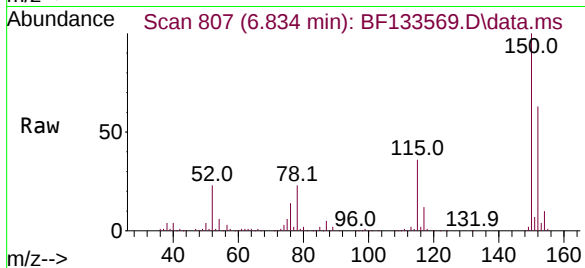




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

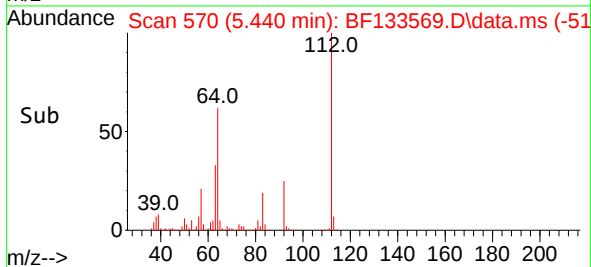
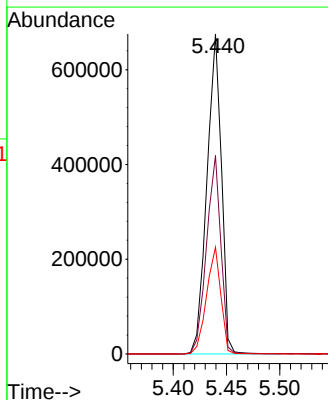
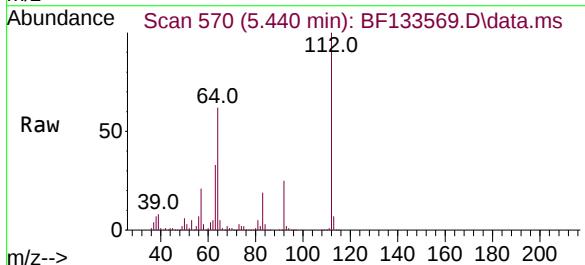
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 127050
Ion Ratio Lower Upper
152 100
150 159.8 124.9 187.3
115 57.8 48.1 72.1



#5
2-Fluorophenol
Concen: 84.413 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion:112 Resp: 642788
Ion Ratio Lower Upper
112 100
64 62.0 50.1 75.1
63 33.4 27.5 41.3

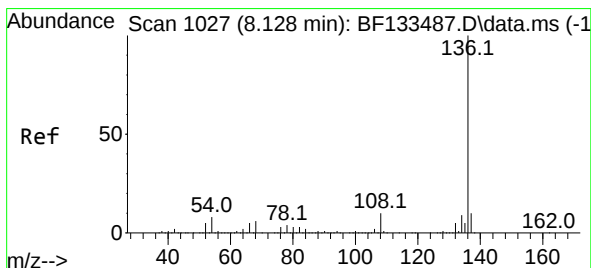
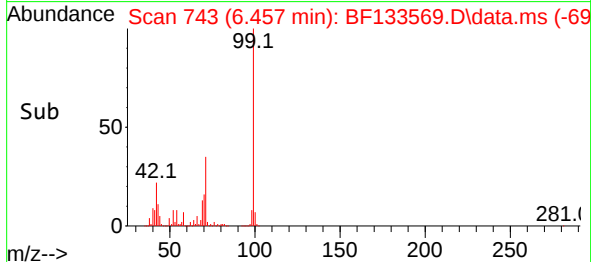
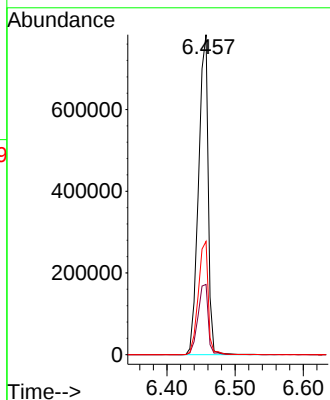
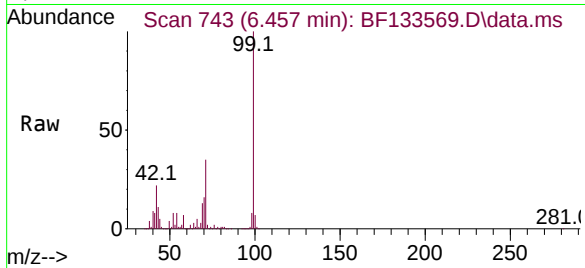




#7
Phenol-d6
Concen: 82.217 ng
RT: 6.457 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133569.D
Acq: 05 Jun 2023 17:00

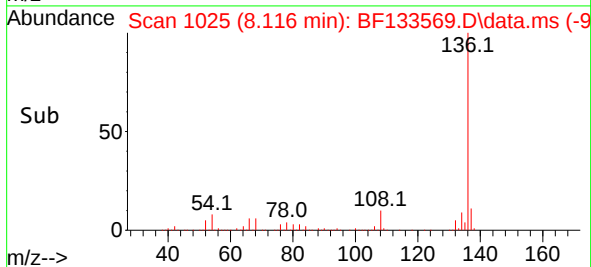
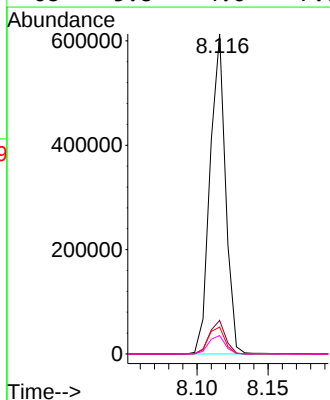
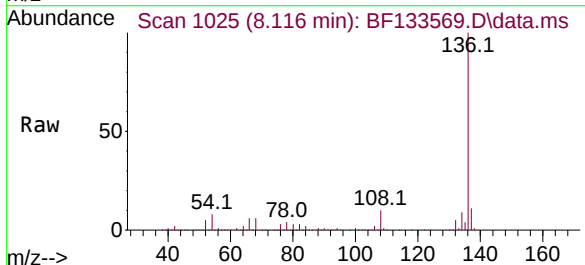
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 770693
Ion Ratio Lower Upper
99 100
42 22.0 19.7 29.5
71 35.4 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: BF133569.D
Acq: 05 Jun 2023 17:00

Tgt Ion: 136 Resp: 466623
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.4 6.6 10.0
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.067 ng

RT: 7.392 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1

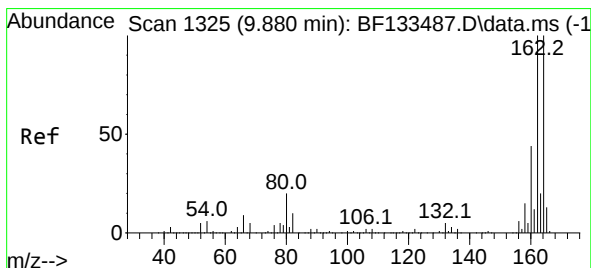
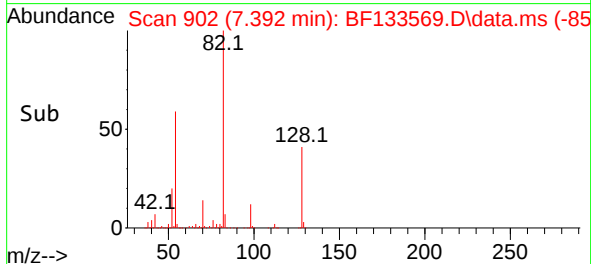
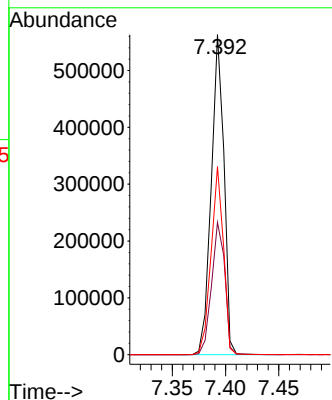
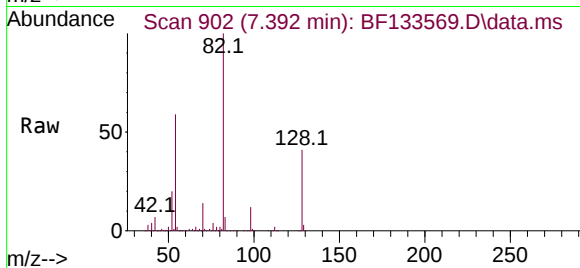
Tgt Ion: 82 Resp: 468709

Ion Ratio Lower Upper

82 100

128 41.4 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: BF133569.D

Acq: 05 Jun 2023 17:00

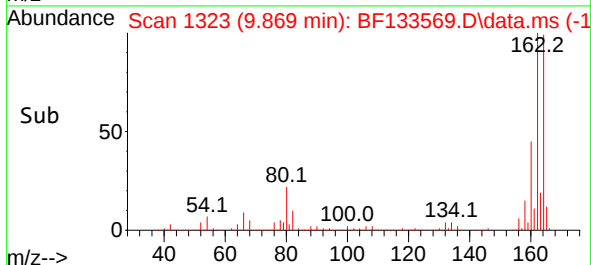
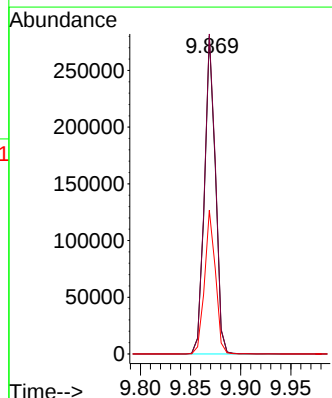
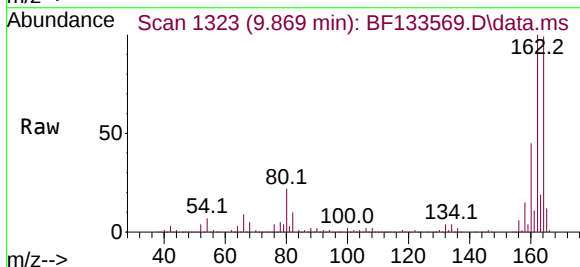
Tgt Ion:164 Resp: 213292

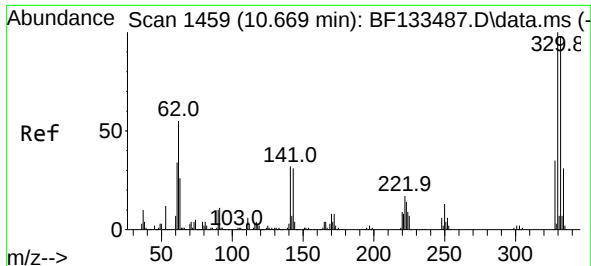
Ion Ratio Lower Upper

164 100

162 100.7 79.7 119.5

160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 88.303 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1

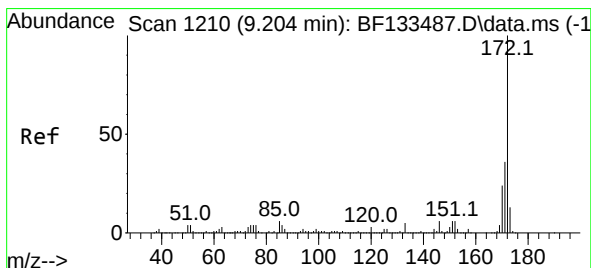
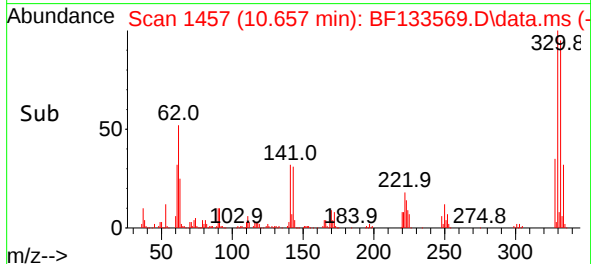
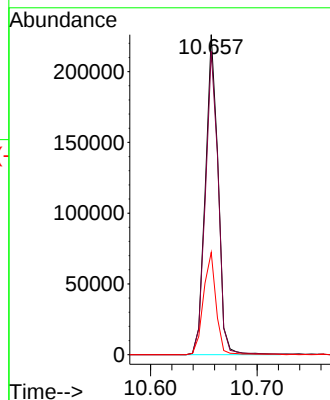
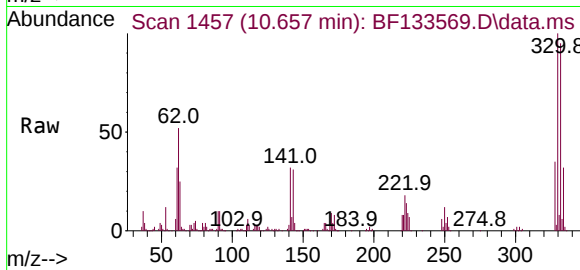
Tgt Ion:330 Resp: 187744

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.6

141 31.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 62.820 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

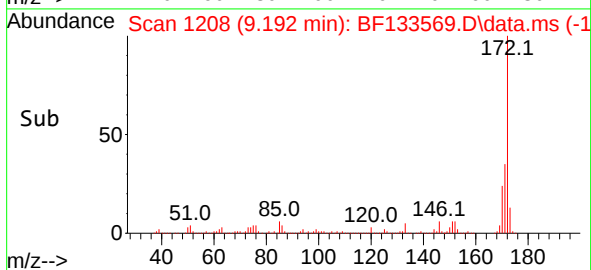
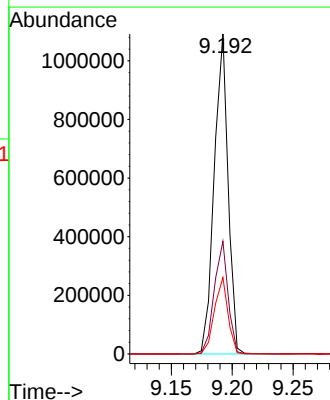
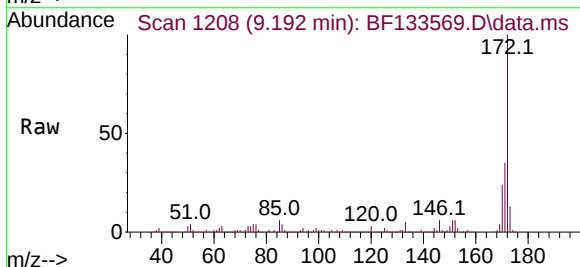
Tgt Ion:172 Resp: 868124

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133569.D

Acq: 05 Jun 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1

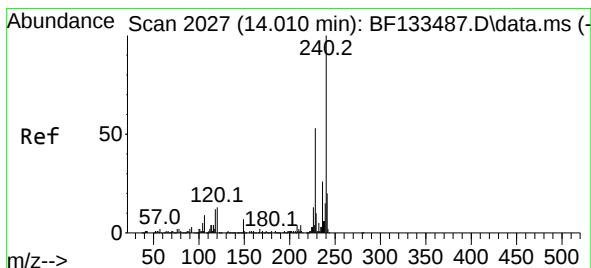
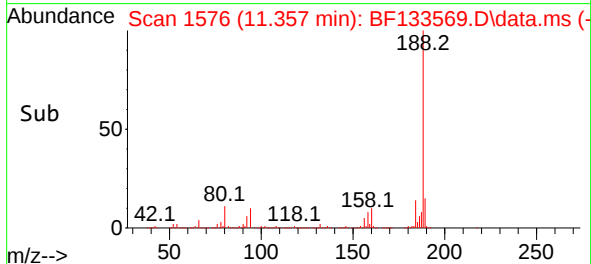
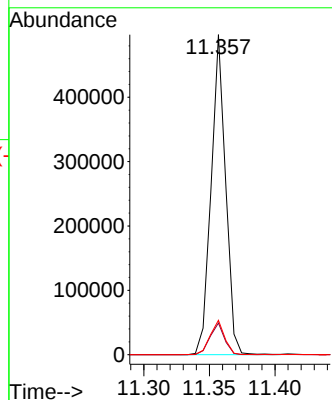
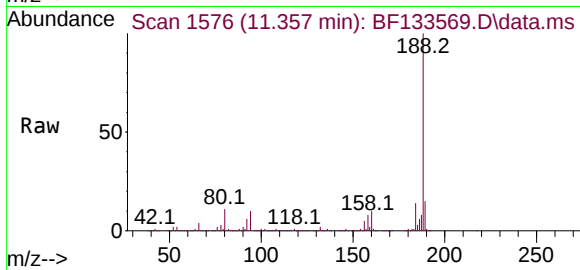
Tgt Ion:188 Resp: 383219

Ion Ratio Lower Upper

188 100

94 9.9 8.6 12.8

80 10.7 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: BF133569.D

Acq: 05 Jun 2023 17:00

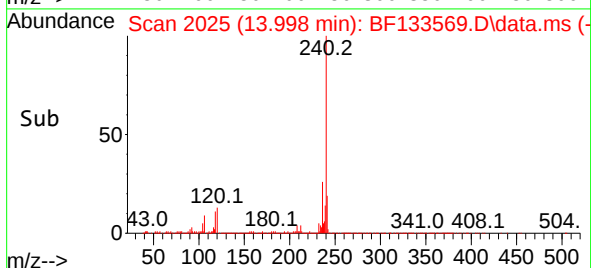
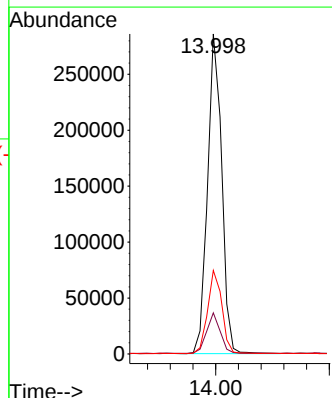
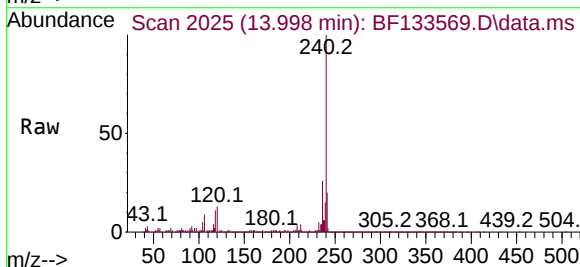
Tgt Ion:240 Resp: 246868

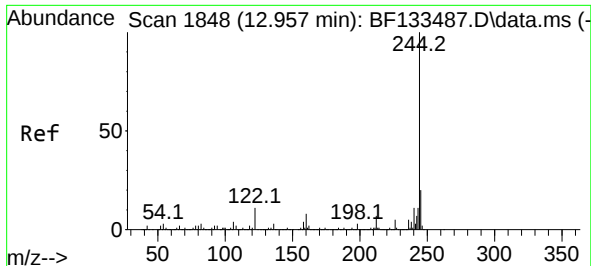
Ion Ratio Lower Upper

240 100

120 12.9 10.3 15.5

236 26.1 20.5 30.7

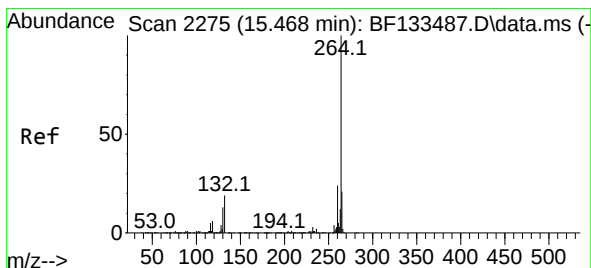
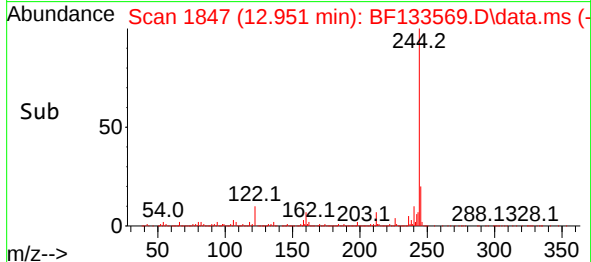
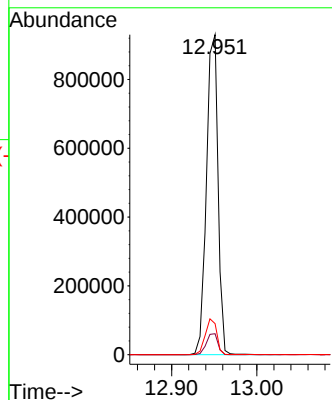
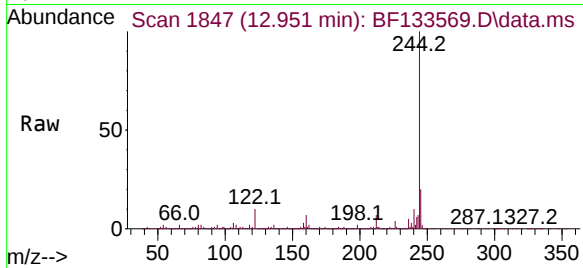




#79
 Terphenyl-d14
 Concen: 63.058 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133569.D
 Acq: 05 Jun 2023 17:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 875543
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 9.7 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: BF133569.D
 Acq: 05 Jun 2023 17:00

Tgt Ion:264 Resp: 206307
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.7 16.8 25.2

