

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133683.D
 Acq On : 09 Jun 2023 19:01
 Operator : CG\JU
 Sample : 03039-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB31A

Quant Time: Jun 09 19:51:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	95731	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	342468	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	171110	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	288249	20.000	ng	0.00
76) Chrysene-d12	14.010	240	149010	20.000	ng	0.00
86) Perylene-d12	15.480	264	137187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	401763	73.062	ng	0.00
7) Phenol-d6	6.463	99	493022	68.879	ng	0.00
23) Nitrobenzene-d5	7.398	82	324949	51.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	129202	59.651	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	653160	54.262	ng	0.00
79) Terphenyl-d14	12.957	244	545408	56.636	ng	0.00

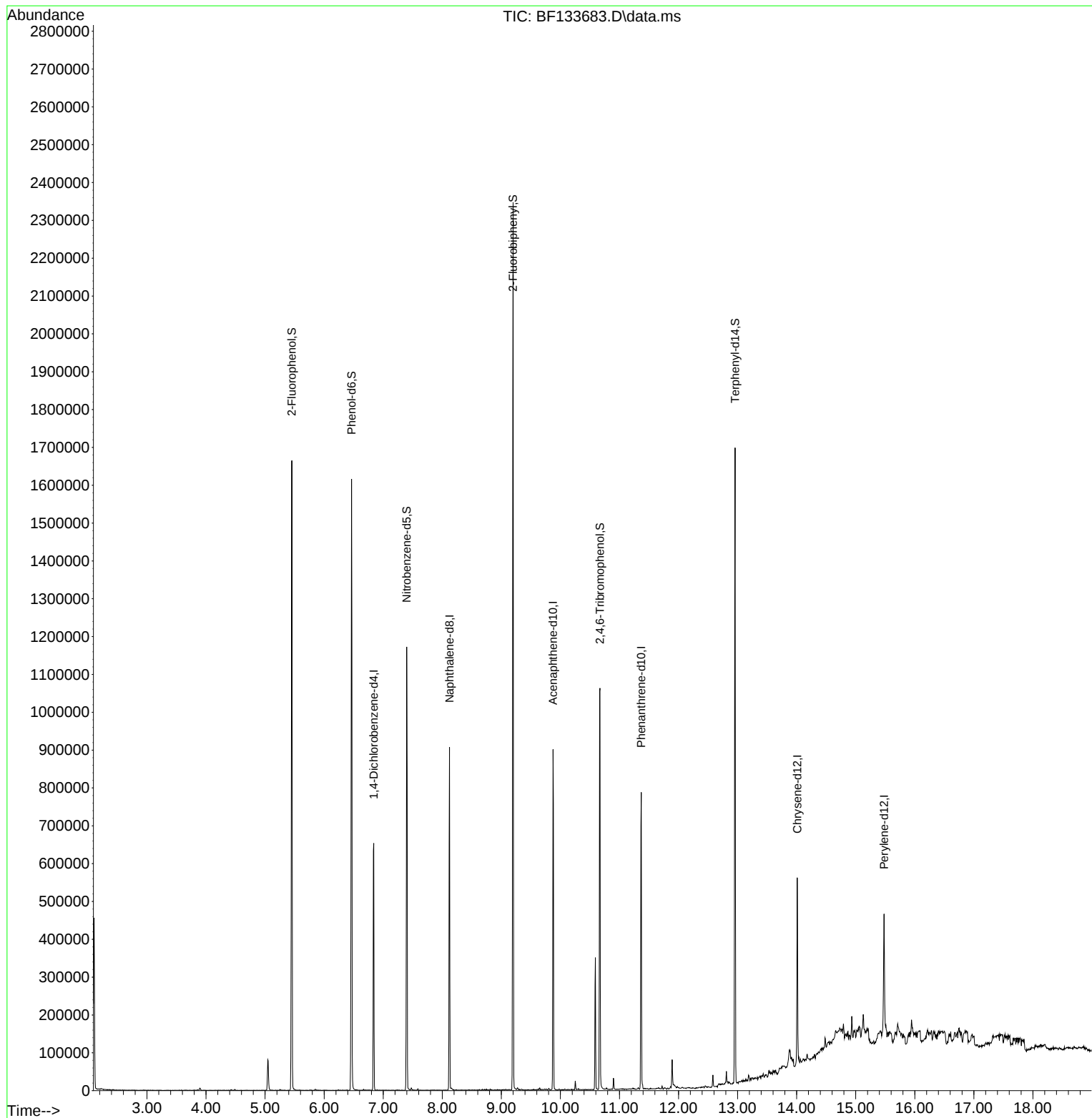
Target Compounds	Qvalue

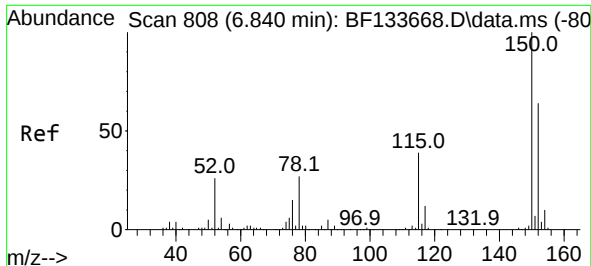
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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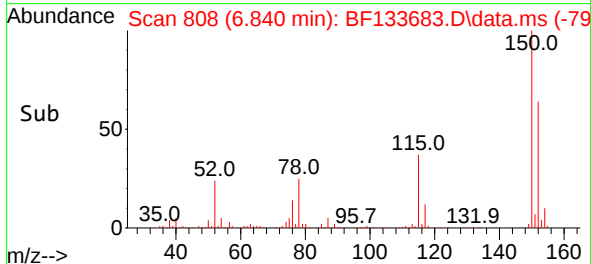
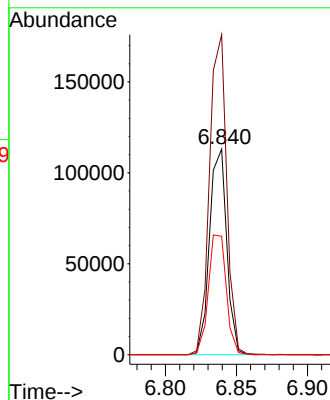
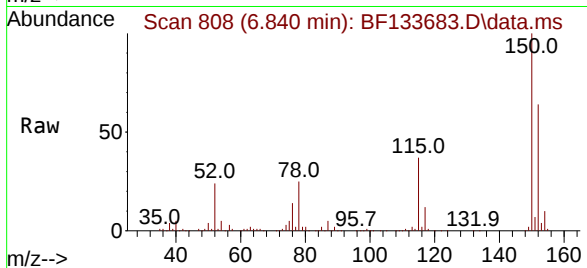




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133683.D
Acq: 09 Jun 2023 19:01

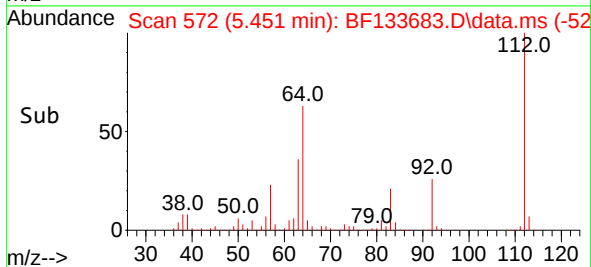
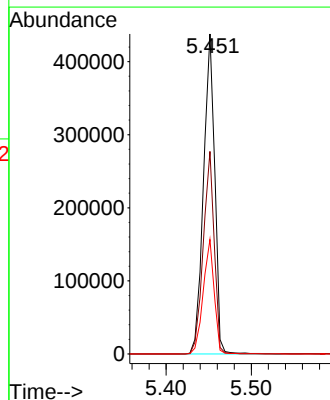
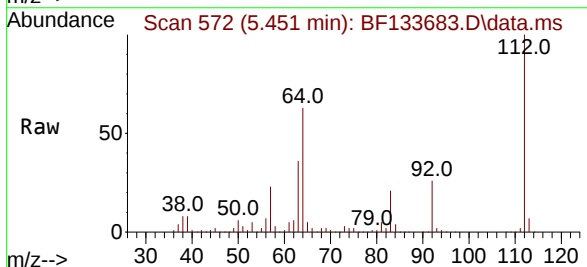
Instrument :
BNA_F
ClientSampleId :
SB31A

Tgt Ion:152 Resp: 95731
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 57.6 48.5 72.7



#5
2-Fluorophenol
Concen: 73.062 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF133683.D
Acq: 09 Jun 2023 19:01

Tgt Ion:112 Resp: 401763
Ion Ratio Lower Upper
112 100
64 63.3 49.0 73.4
63 35.8 26.8 40.2

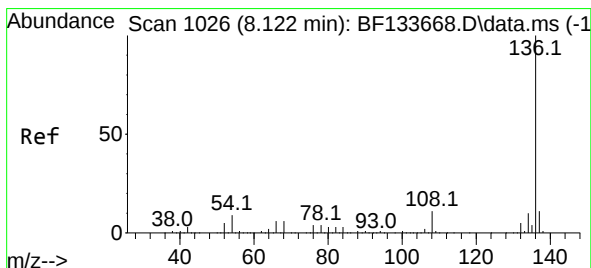
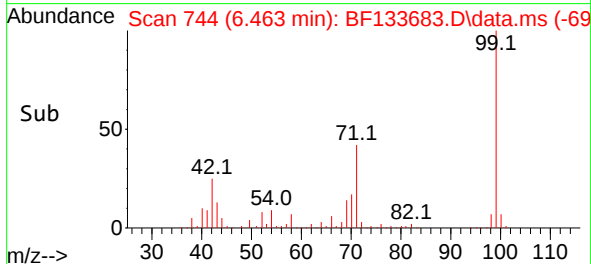
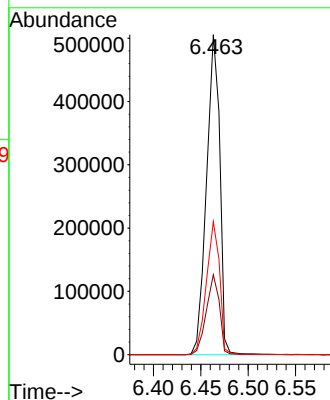
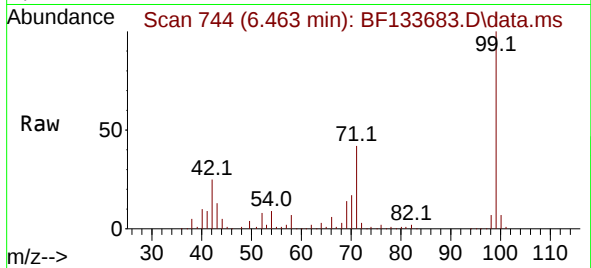




#7
Phenol-d6
Concen: 68.879 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133683.D
Acq: 09 Jun 2023 19:01

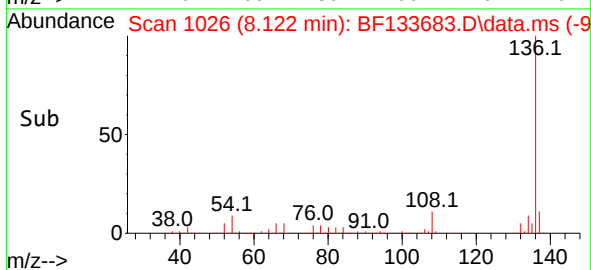
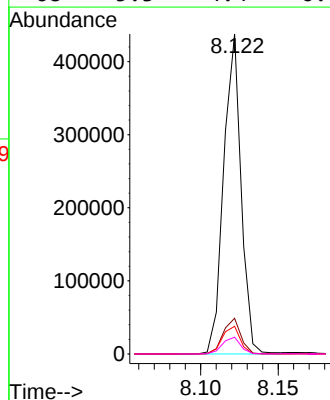
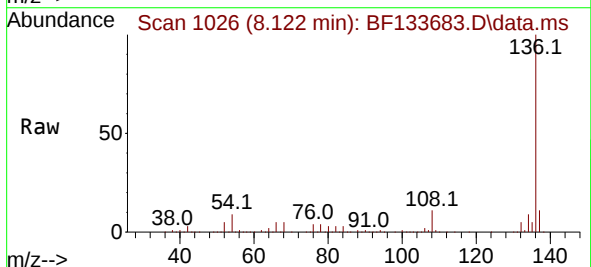
Instrument :
BNA_F
ClientSampleId :
SB31A

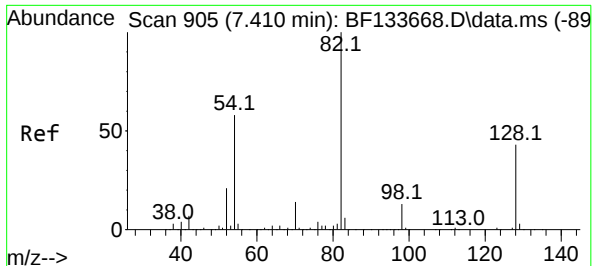
Tgt Ion: 99 Resp: 493022
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 41.6 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133683.D
Acq: 09 Jun 2023 19:01

Tgt Ion: 136 Resp: 342468
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 7.4 11.0
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 51.680 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133683.D

Acq: 09 Jun 2023 19:01

Instrument :

BNA_F

ClientSampleId :

SB31A

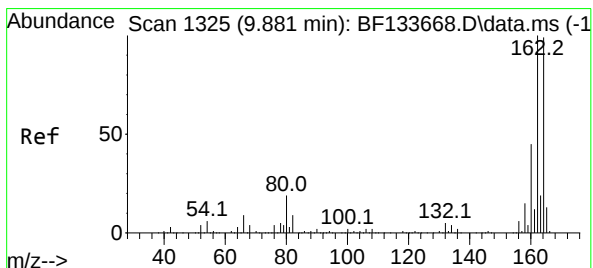
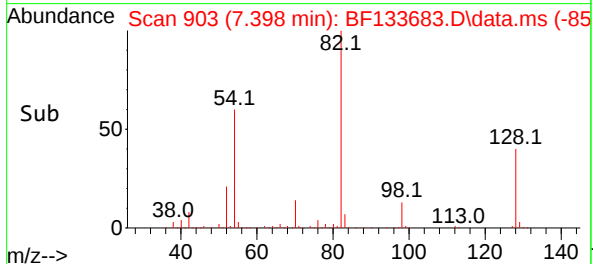
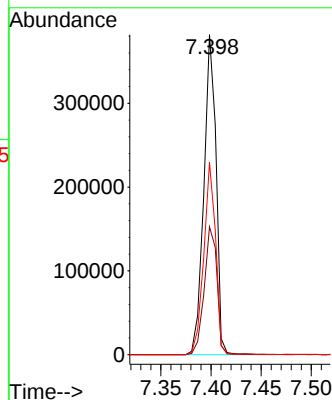
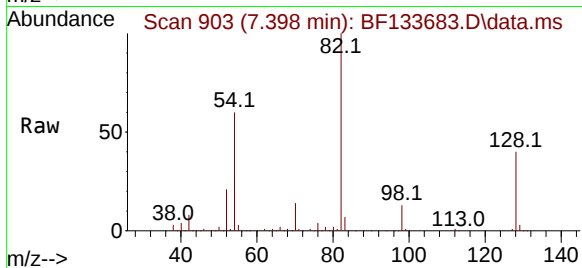
Tgt Ion: 82 Resp: 324949

Ion Ratio Lower Upper

82 100

128 40.0 34.2 51.2

54 60.1 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133683.D

Acq: 09 Jun 2023 19:01

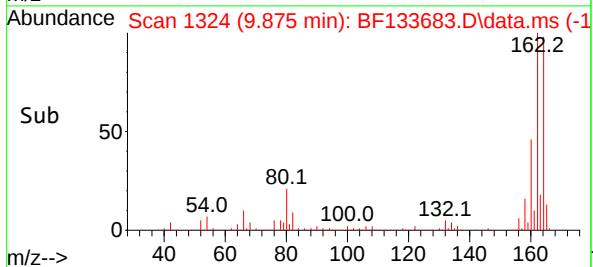
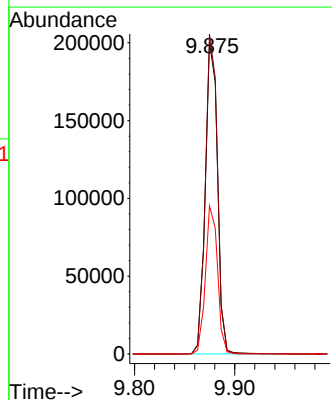
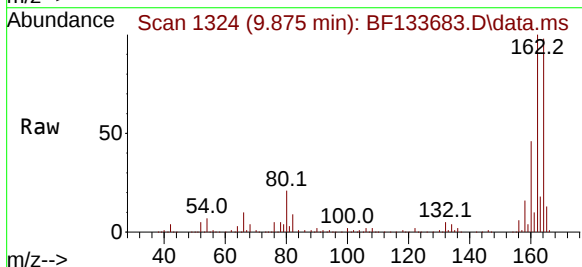
Tgt Ion:164 Resp: 171110

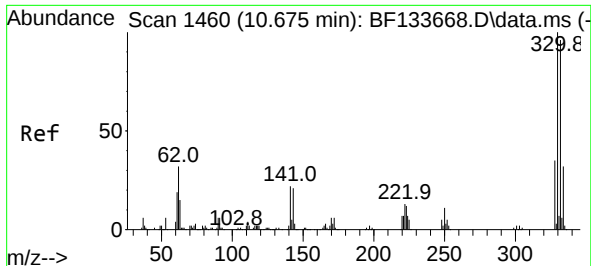
Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

160 47.5 36.7 55.1

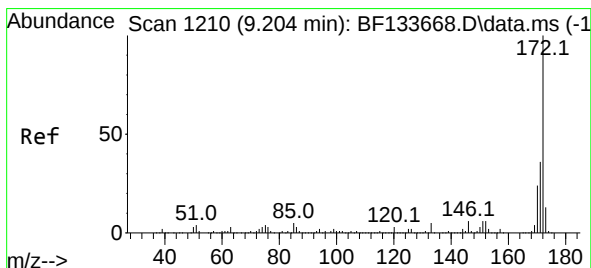
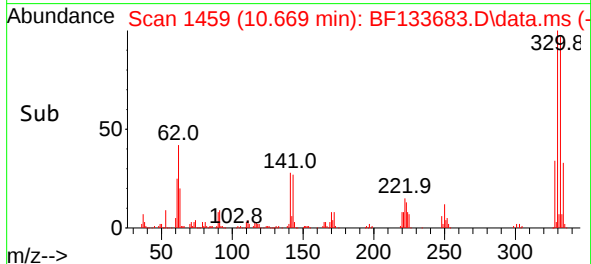
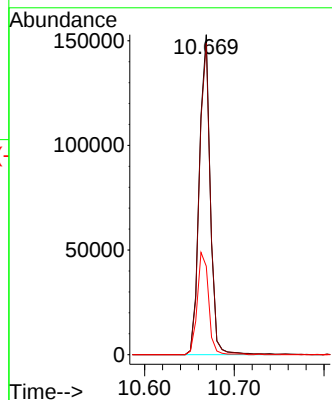
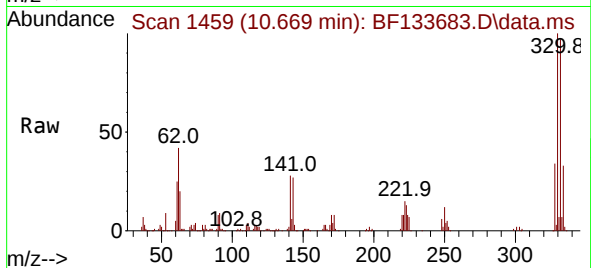




#42
2,4,6-Tribromophenol
Concen: 59.651 ng
RT: 10.669 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133683.D
Acq: 09 Jun 2023 19:01

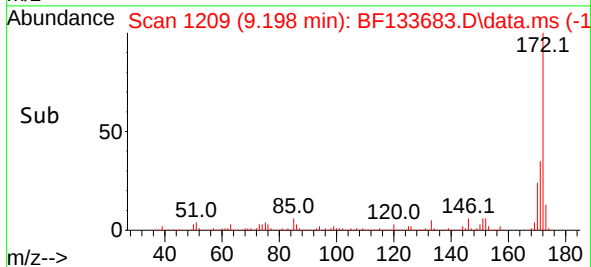
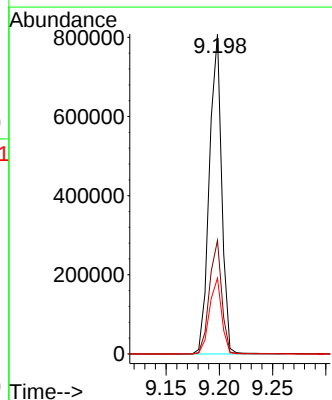
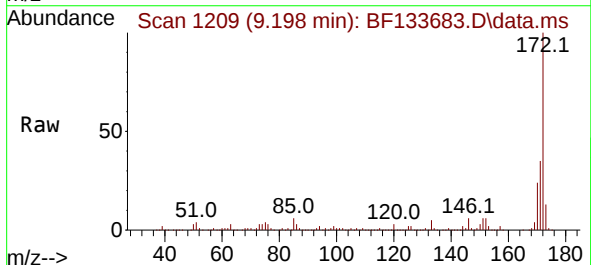
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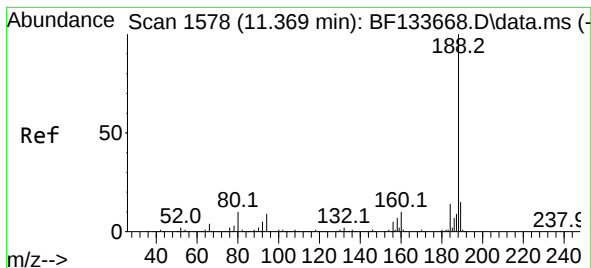
Tgt Ion: 330 Resp: 129202
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 33.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 54.262 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133683.D
Acq: 09 Jun 2023 19:01

Tgt Ion: 172 Resp: 653160
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133683.D

Acq: 09 Jun 2023 19:01

Instrument :

BNA_F

ClientSampleId :

SB31A

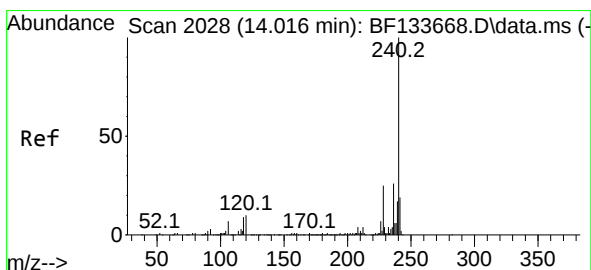
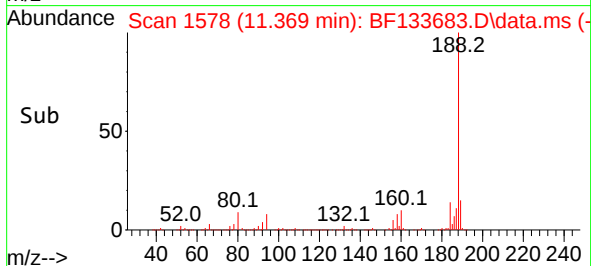
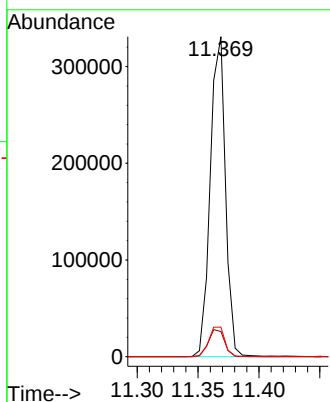
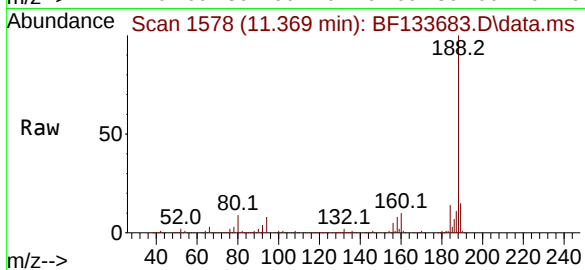
Tgt Ion:188 Resp: 288249

Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 9.3 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133683.D

Acq: 09 Jun 2023 19:01

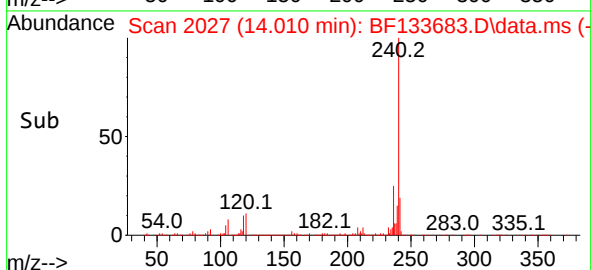
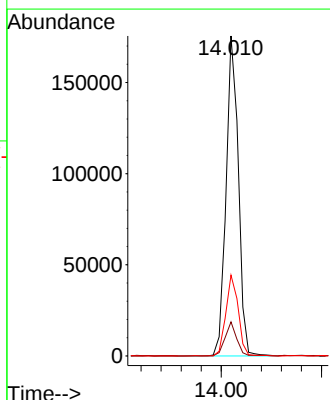
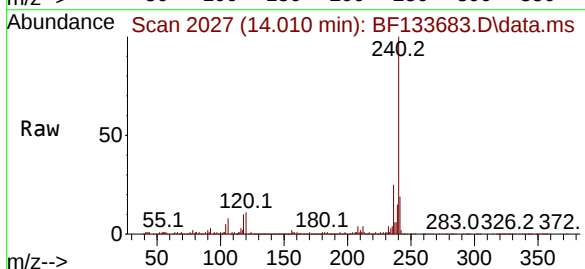
Tgt Ion:240 Resp: 149010

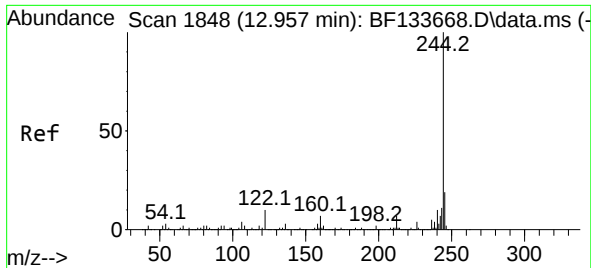
Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

236 25.3 20.5 30.7

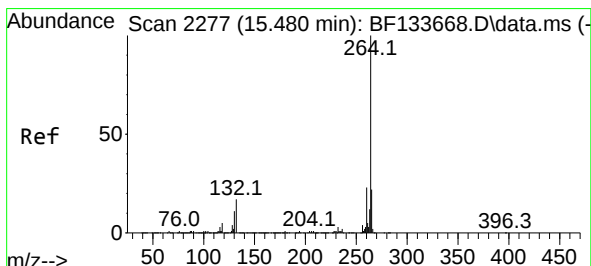
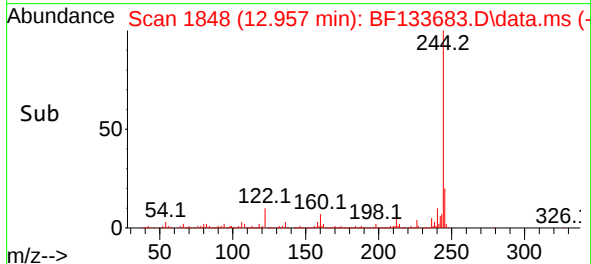
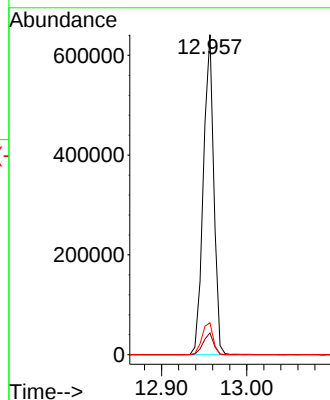
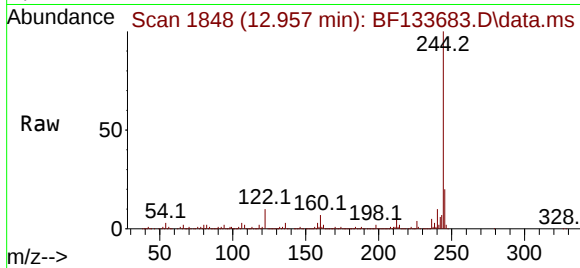




#79
 Terphenyl-d14
 Concen: 56.636 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133683.D
 Acq: 09 Jun 2023 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SB31A

Tgt Ion:244 Resp: 545408
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF133683.D
 Acq: 09 Jun 2023 19:01

Tgt Ion:264 Resp: 137187
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 21.7 17.8 26.6

