

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
 Data File : BF134462.D
 Acq On : 25 Jul 2023 14:29
 Operator : CG\JU
 Sample : PB154034TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154034TB

Quant Time: Jul 25 15:02:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	64301	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	252564	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	133754	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	282091	20.000	ng	0.00
76) Chrysene-d12	14.027	240	225992	20.000	ng	0.00
86) Perylene-d12	15.527	264	221381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	548368	140.901	ng	0.01
7) Phenol-d6	6.481	99	639471	134.109	ng	0.00
23) Nitrobenzene-d5	7.398	82	434872	87.115	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	263122	138.456	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	878252	86.200	ng	0.00
79) Terphenyl-d14	12.963	244	1189500	91.882	ng	0.00

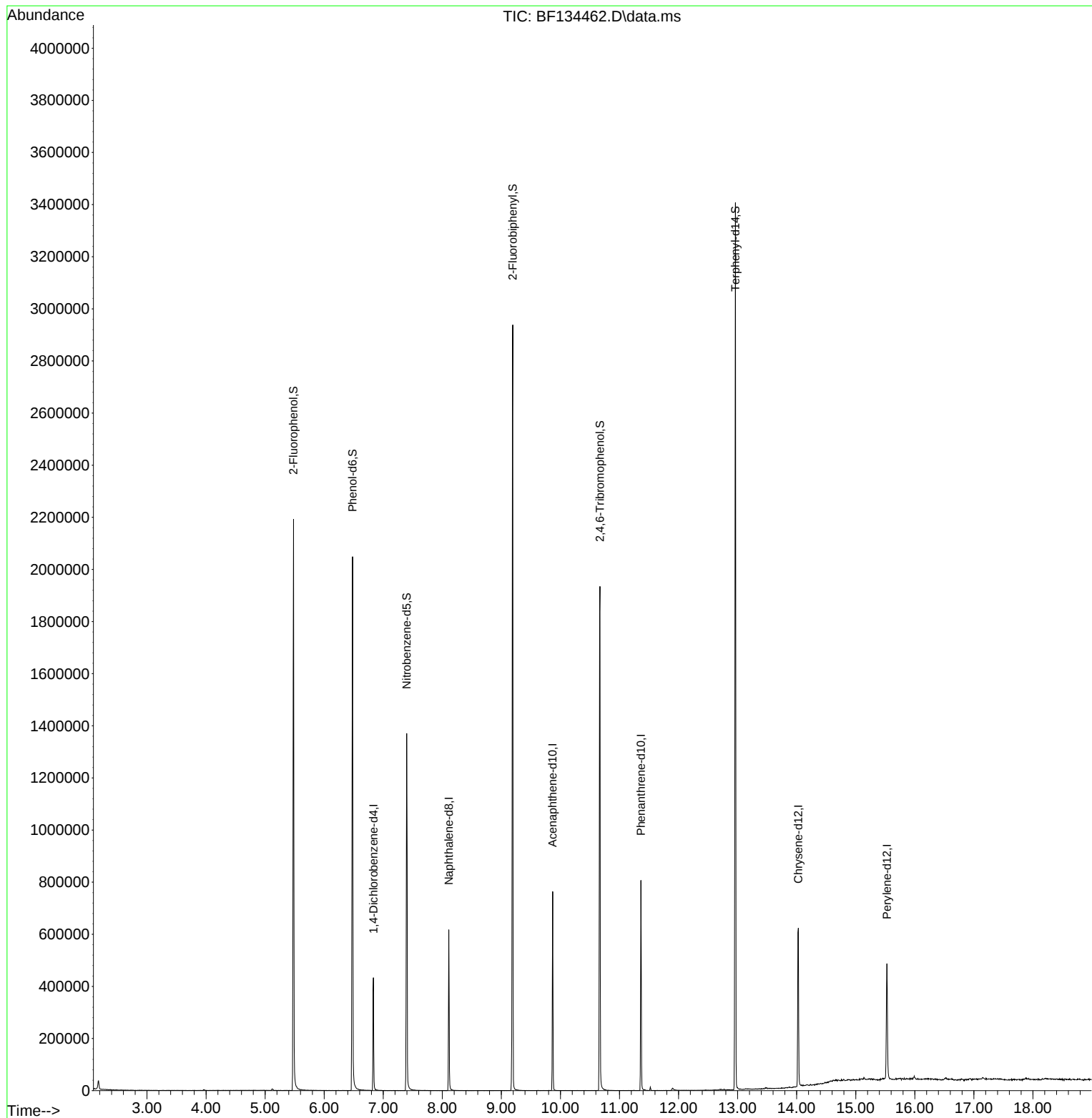
Target Compounds	Qvalue

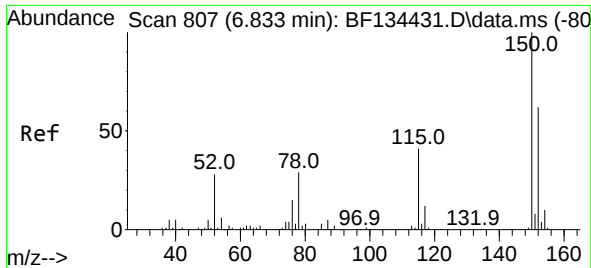
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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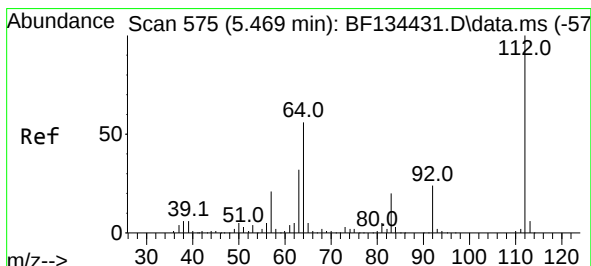
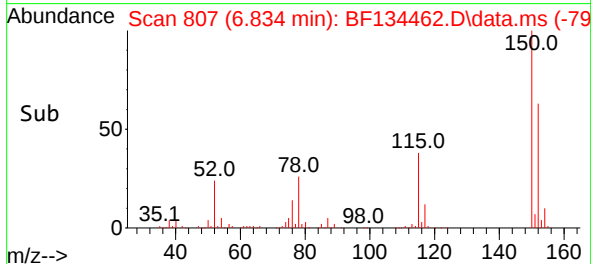
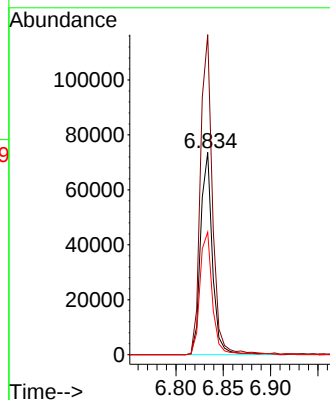
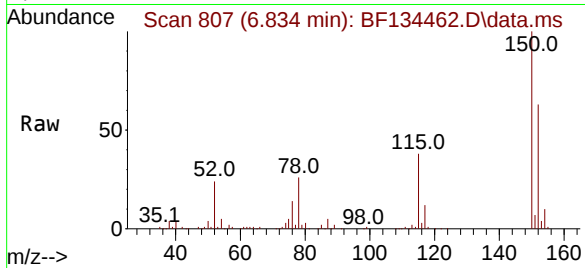




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134462.D
Acq: 25 Jul 2023 14:29

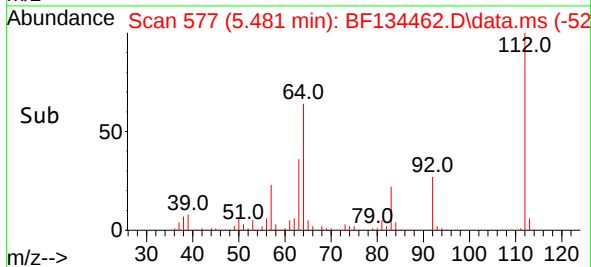
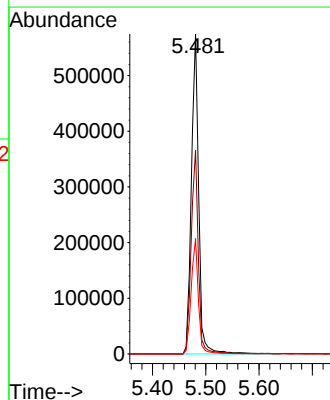
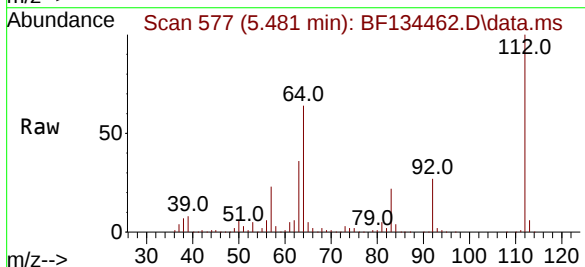
Instrument :
BNA_F
ClientSampleId :
PB154034TB

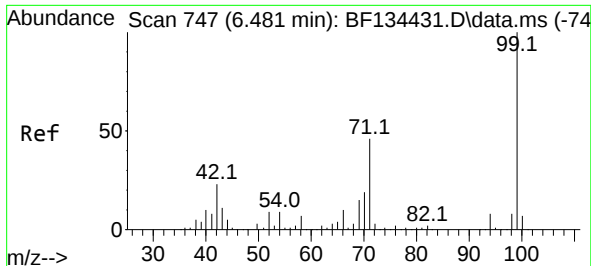
Tgt Ion:152 Resp: 64301
Ion Ratio Lower Upper
152 100
150 158.3 128.3 192.5
115 60.6 52.4 78.6



#5
2-Fluorophenol
Concen: 140.901 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134462.D
Acq: 25 Jul 2023 14:29

Tgt Ion:112 Resp: 548368
Ion Ratio Lower Upper
112 100
64 63.8 44.9 67.3
63 36.1 25.4 38.0

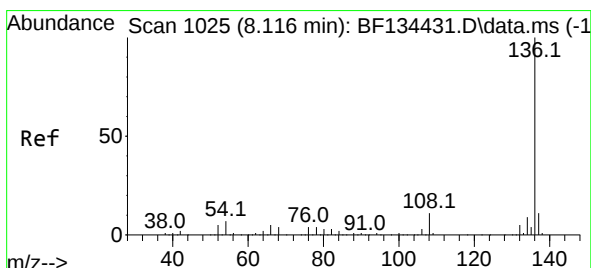
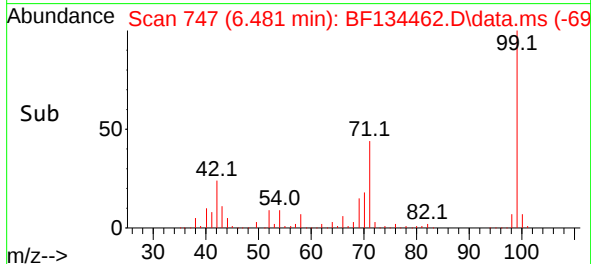
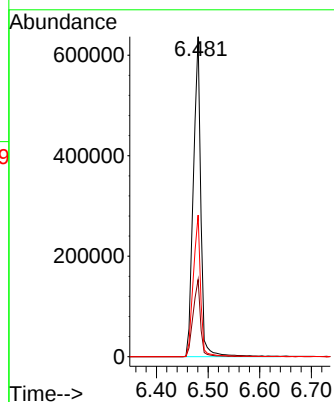
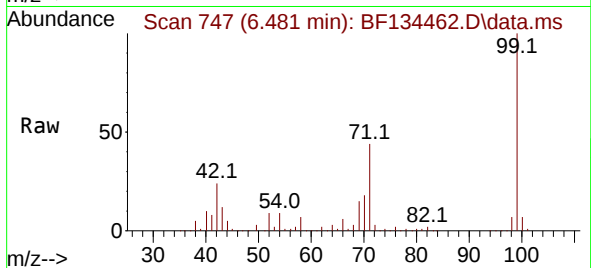




#7
Phenol-d6
Concen: 134.109 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134462.D
Acq: 25 Jul 2023 14:29

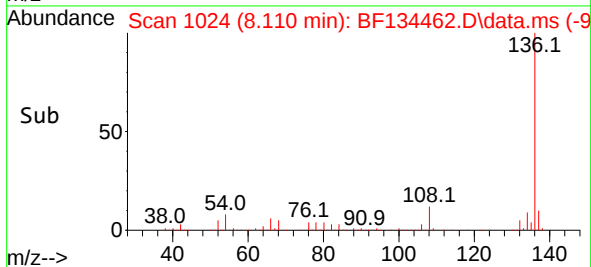
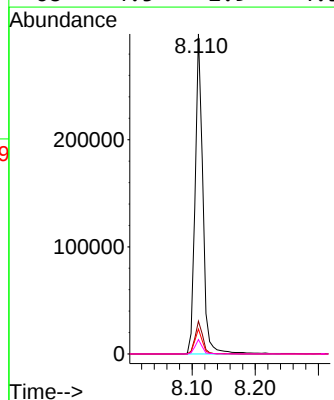
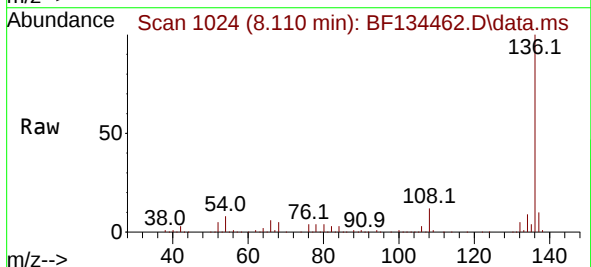
Instrument :
BNA_F
ClientSampleId :
PB154034TB

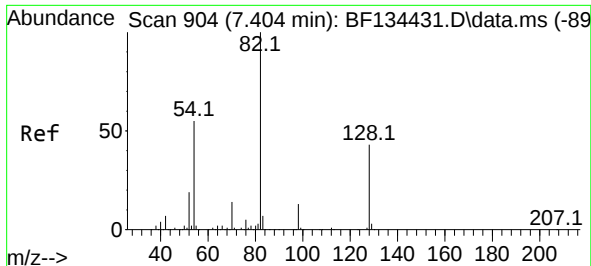
Tgt Ion: 99 Resp: 639471
Ion Ratio Lower Upper
99 100
42 24.1 18.7 28.1
71 44.3 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134462.D
Acq: 25 Jul 2023 14:29

Tgt Ion: 136 Resp: 252564
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 7.8 5.2 7.8#
68 4.5 2.9 4.3#

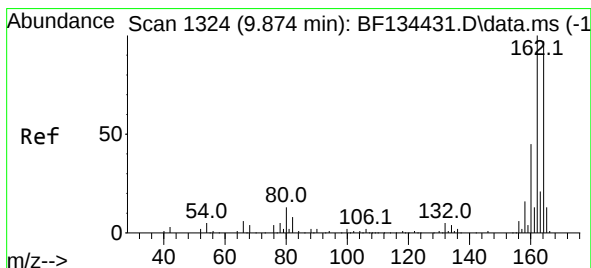
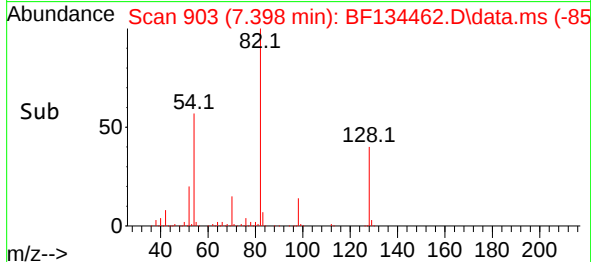
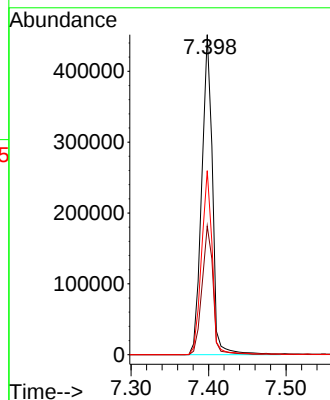
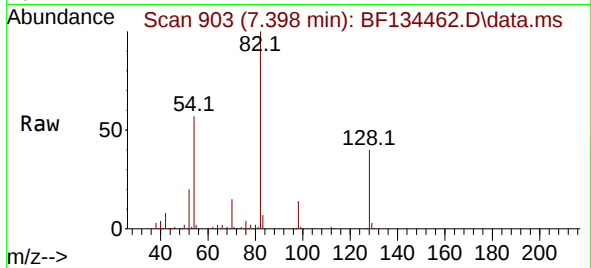




#23
Nitrobenzene-d5
Concen: 87.115 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134462.D
Acq: 25 Jul 2023 14:29

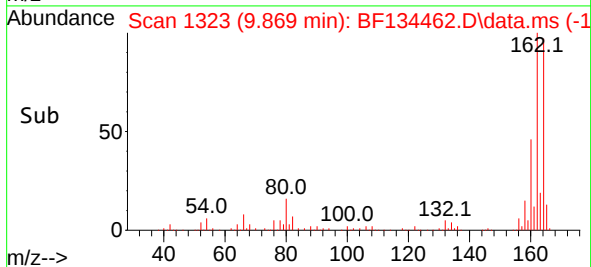
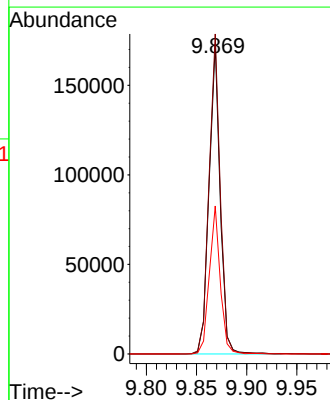
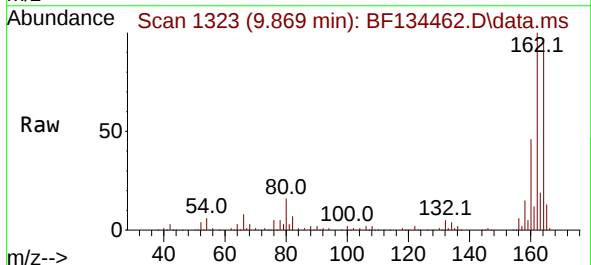
Instrument :
BNA_F
ClientSampleId :
PB154034TB

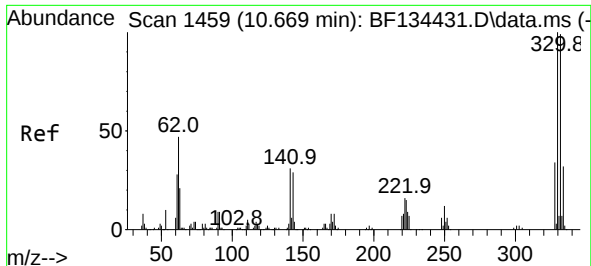
Tgt Ion: 82 Resp: 434872
Ion Ratio Lower Upper
82 100
128 40.2 34.3 51.5
54 57.5 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134462.D
Acq: 25 Jul 2023 14:29

Tgt Ion:164 Resp: 133754
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 47.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 138.456 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134462.D

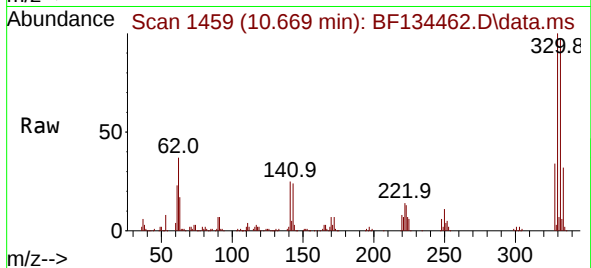
Acq: 25 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154034TB



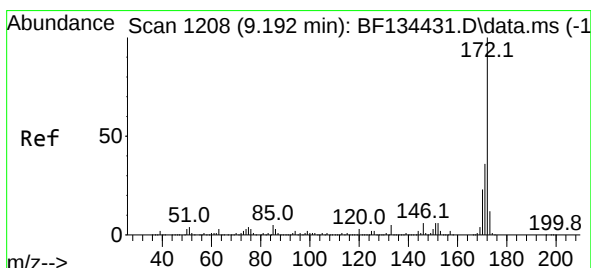
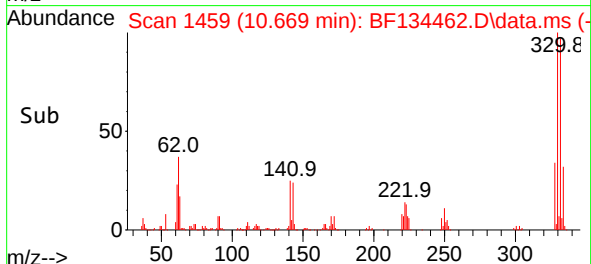
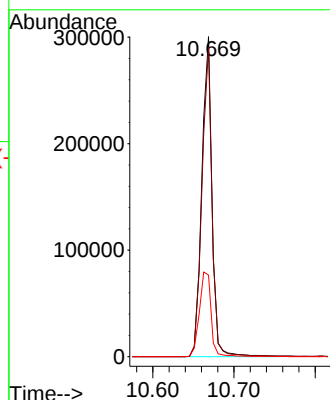
Tgt Ion:330 Resp: 263122

Ion Ratio Lower Upper

330 100

332 96.1 78.8 118.2

141 30.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 86.200 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF134462.D

Acq: 25 Jul 2023 14:29

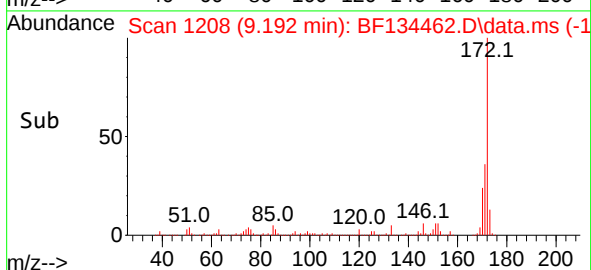
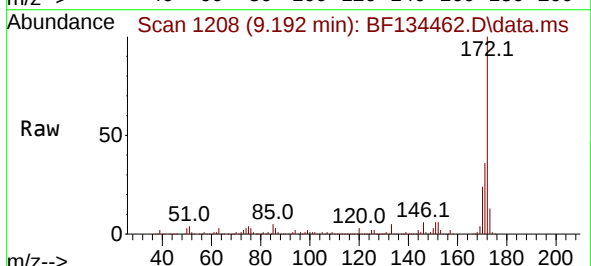
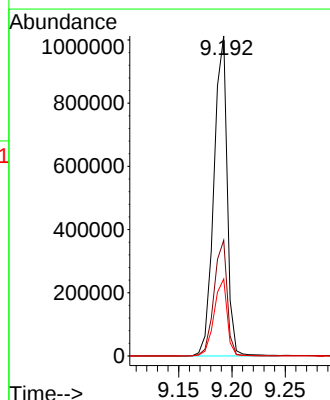
Tgt Ion:172 Resp: 878252

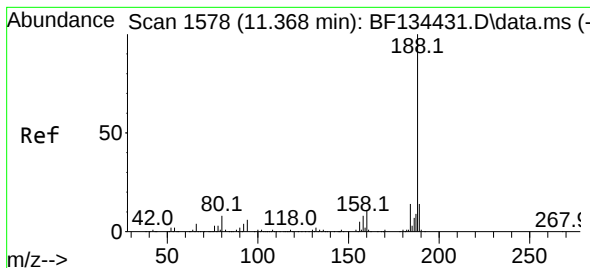
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134462.D

Acq: 25 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154034TB

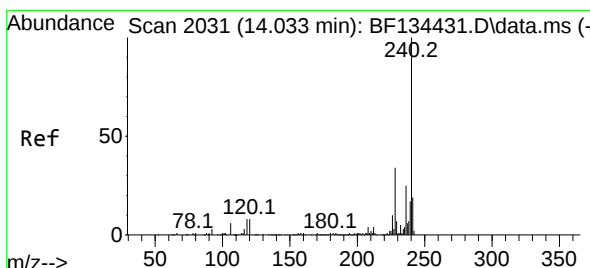
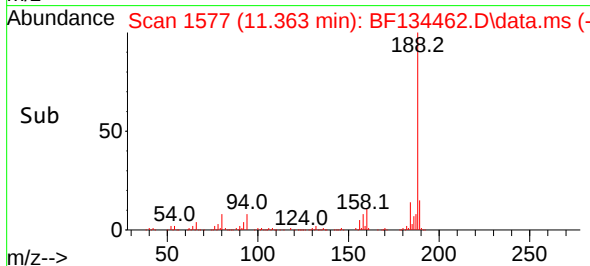
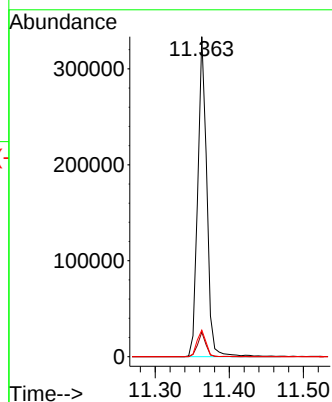
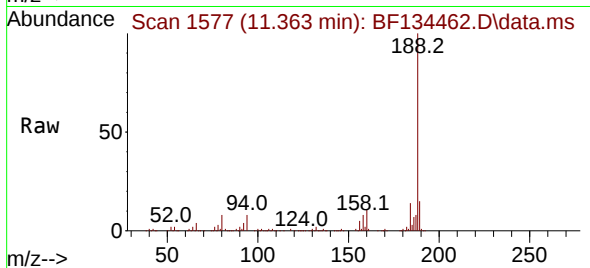
Tgt Ion:188 Resp: 282091

Ion Ratio Lower Upper

188 100

94 7.7 5.1 7.7

80 8.3 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF134462.D

Acq: 25 Jul 2023 14:29

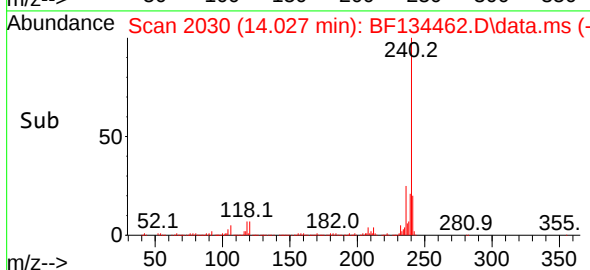
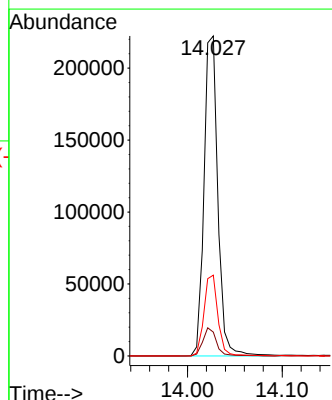
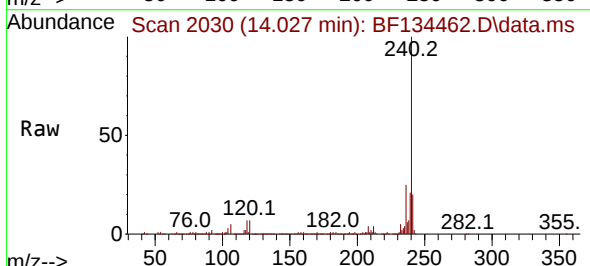
Tgt Ion:240 Resp: 225992

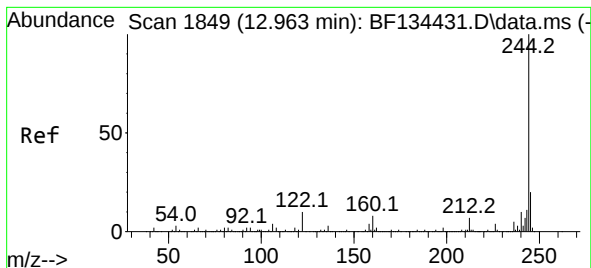
Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

236 25.3 20.2 30.2

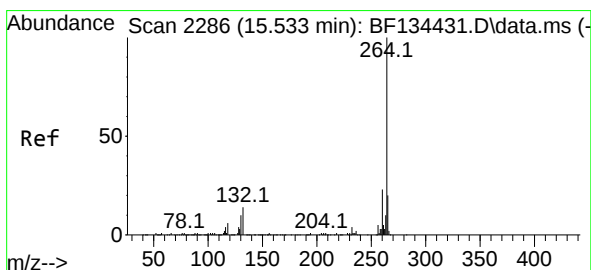
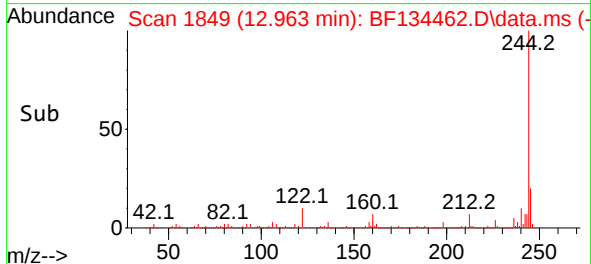
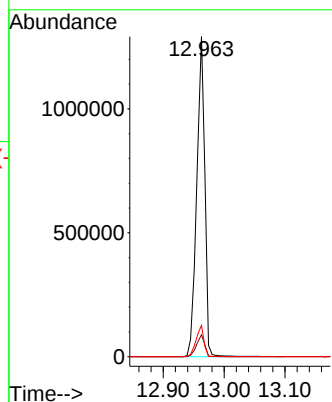
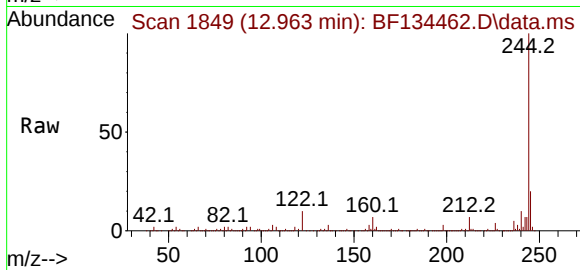




#79
 Terphenyl-d14
 Concen: 91.882 ng
 RT: 12.963 min Scan# 1189500
 Delta R.T. 0.000 min
 Lab File: BF134462.D
 Acq: 25 Jul 2023 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB154034TB

Tgt Ion:244 Resp: 1189500
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF134462.D
 Acq: 25 Jul 2023 14:29

Tgt Ion:264 Resp: 221381
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.9 15.8 23.8

