

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134393.D
 Acq On : 21 Jul 2023 10:31
 Operator : CG\JU
 Sample : PB154284BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154284BL

Quant Time: Jul 21 13:28:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	71617	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	284212	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	156895	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	337811	20.000	ng	0.00
76) Chrysene-d12	14.033	240	255940	20.000	ng	0.00
86) Perylene-d12	15.539	264	230790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	573886	134.043	ng	0.02
7) Phenol-d6	6.487	99	689978	131.045	ng	0.00
23) Nitrobenzene-d5	7.404	82	474928	90.078	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	317409	161.355	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	986829	91.446	ng	0.00
79) Terphenyl-d14	12.974	244	1372447	86.303	ng	0.00

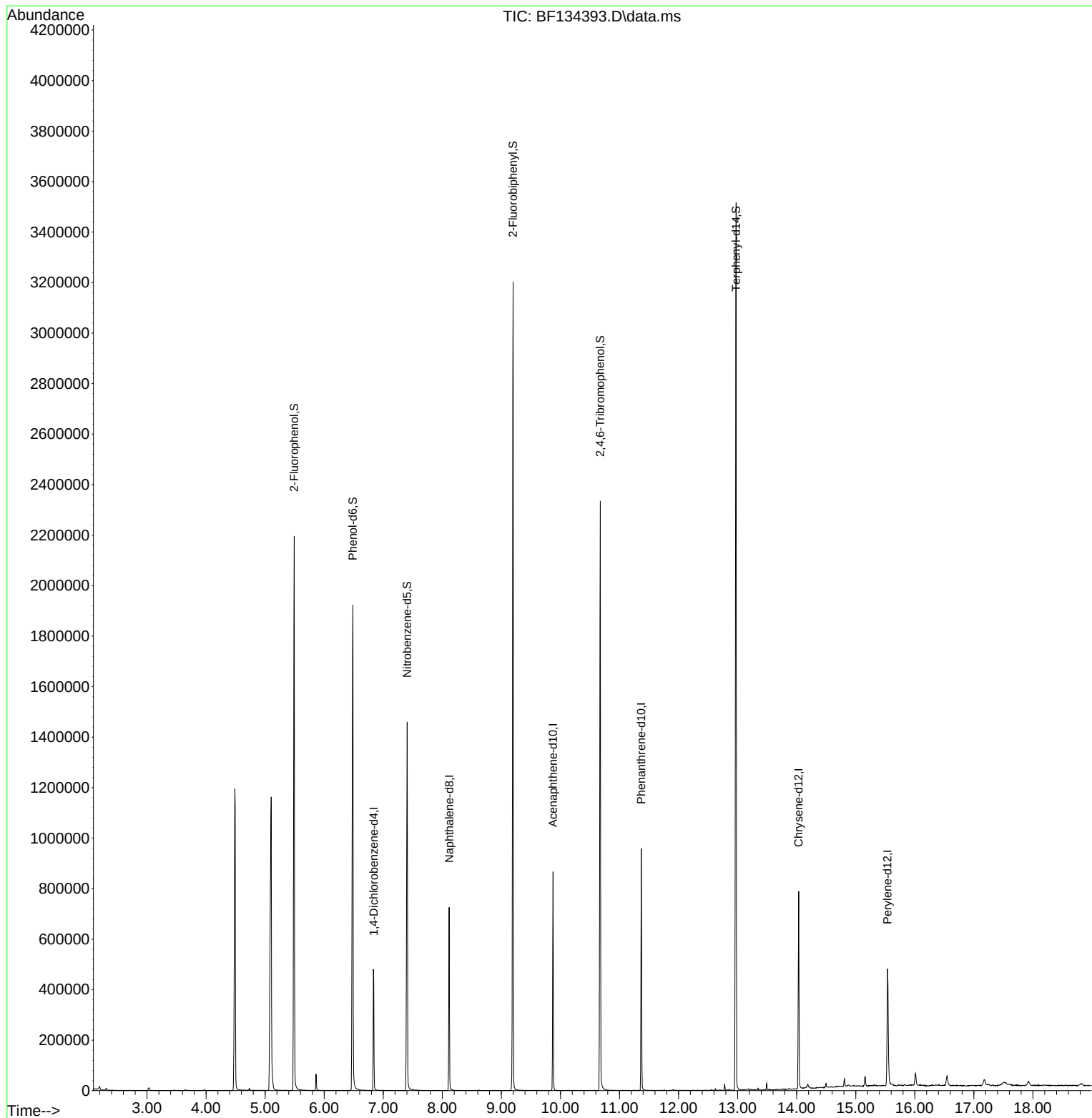
Target Compounds	Qvalue

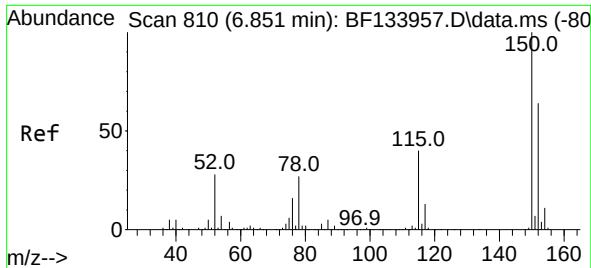
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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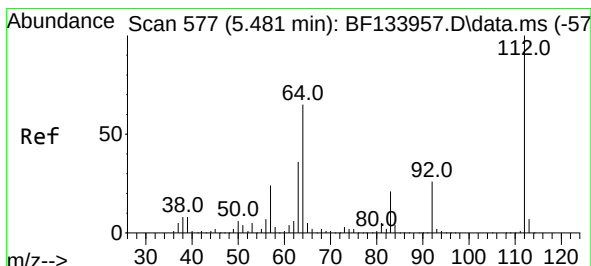
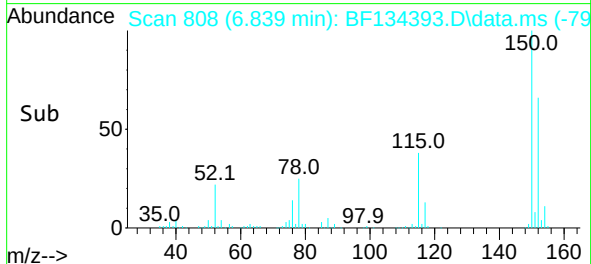
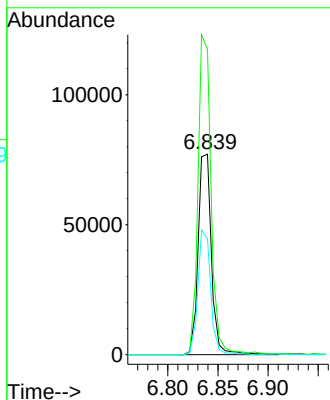
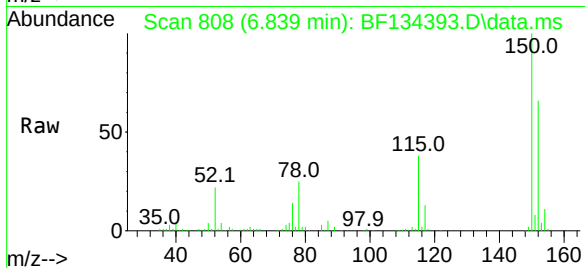




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134393.D
 Acq: 21 Jul 2023 10:31

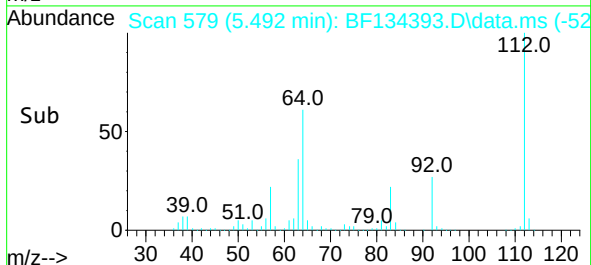
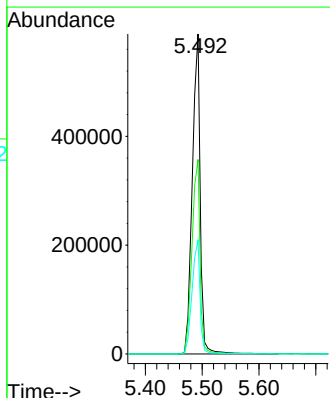
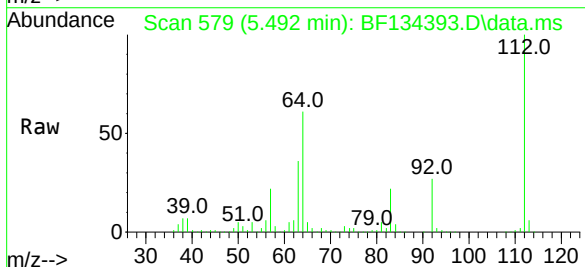
Instrument :
 BNA_F
 ClientSampleId :
 PB154284BL

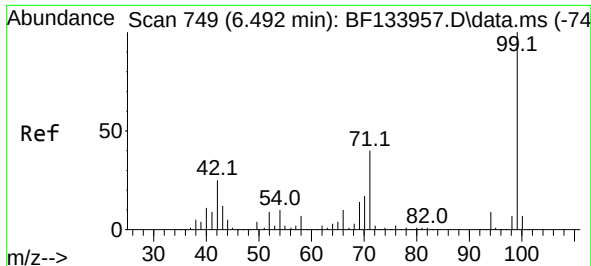
Tgt Ion:152 Resp: 71617
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.5 186.7
 115 57.8 50.2 75.2



#5
 2-Fluorophenol
 Concen: 134.043 ng
 RT: 5.492 min Scan# 579
 Delta R.T. 0.024 min
 Lab File: BF134393.D
 Acq: 21 Jul 2023 10:31

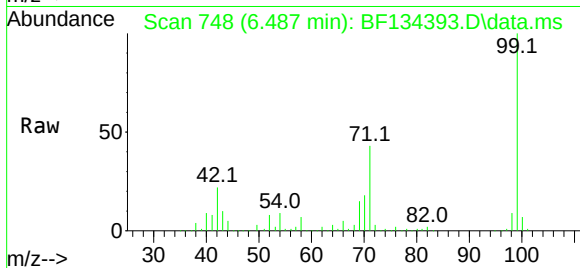
Tgt Ion:112 Resp: 573886
 Ion Ratio Lower Upper
 112 100
 64 60.8 52.1 78.1
 63 35.6 28.6 42.8



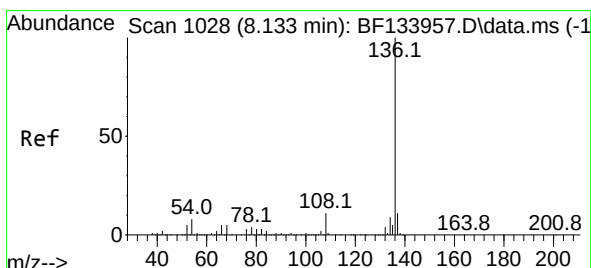
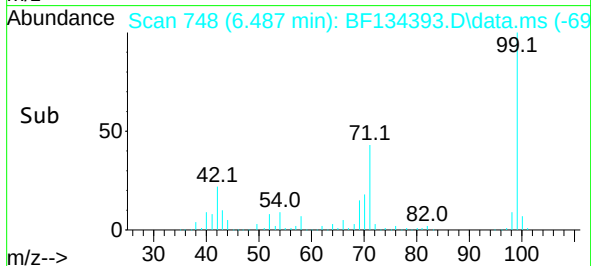
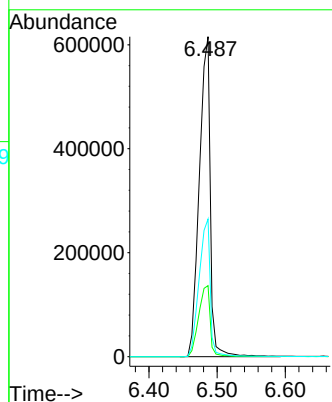


#7
Phenol-d6
Concen: 131.045 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134393.D
Acq: 21 Jul 2023 10:31

Instrument :
BNA_F
ClientSampleId :
PB154284BL

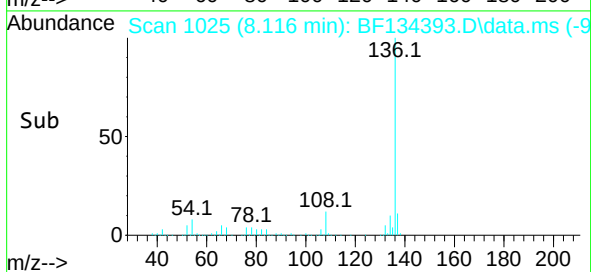
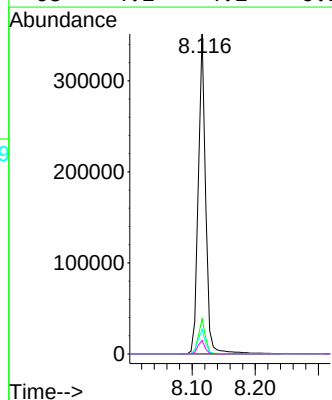
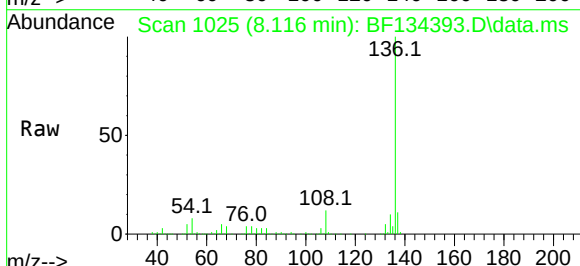


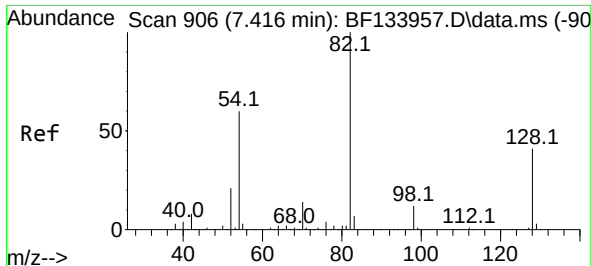
Tgt Ion: 99 Resp: 689978
Ion Ratio Lower Upper
99 100
42 22.2 19.8 29.6
71 43.0 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134393.D
Acq: 21 Jul 2023 10:31

Tgt Ion: 136 Resp: 284212
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.7 6.5 9.7
68 4.2 4.2 6.2

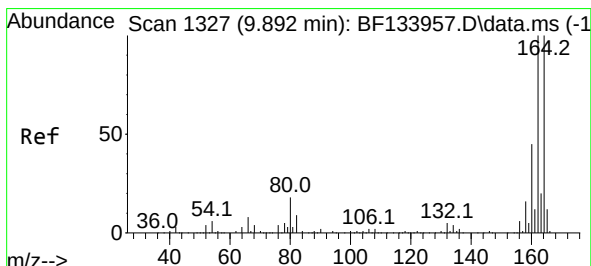
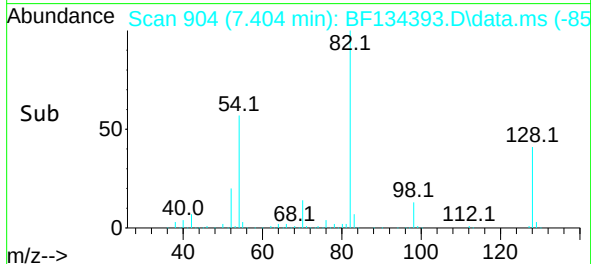
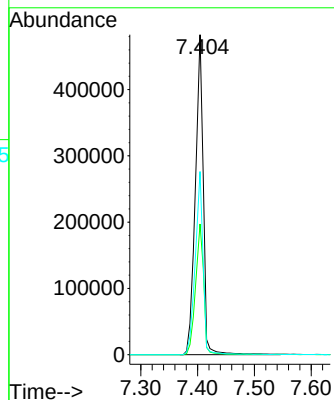
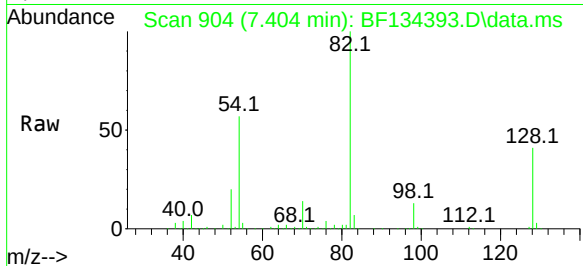




#23
 Nitrobenzene-d5
 Concen: 90.078 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134393.D
 Acq: 21 Jul 2023 10:31

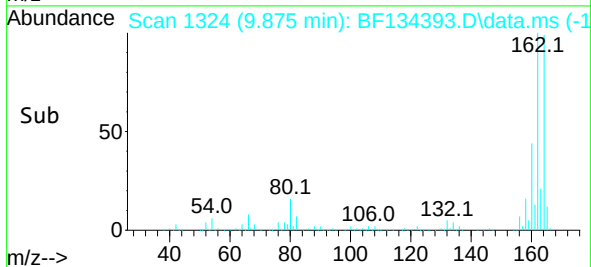
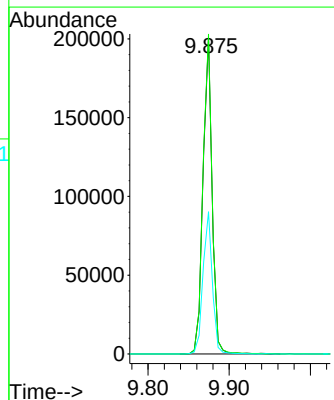
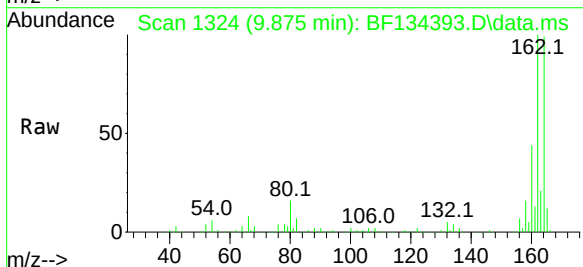
Instrument :
 BNA_F
 ClientSampleId :
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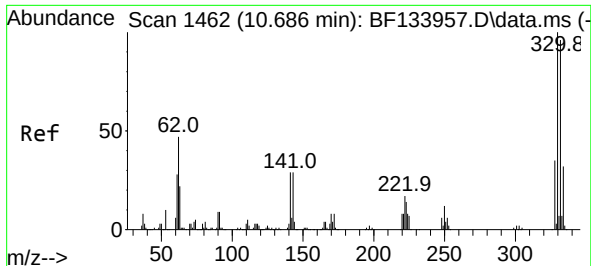
Tgt Ion: 82 Resp: 474928
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.5 48.7
 54 57.2 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.875 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF134393.D
 Acq: 21 Jul 2023 10:31

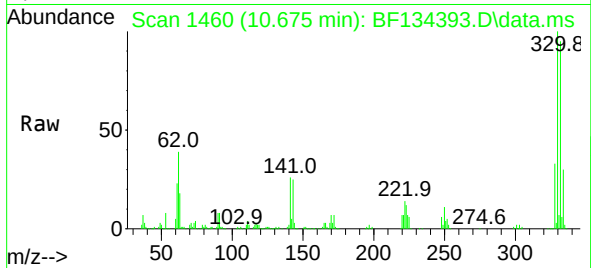
Tgt Ion: 164 Resp: 156895
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.0 120.0
 160 44.9 35.9 53.9



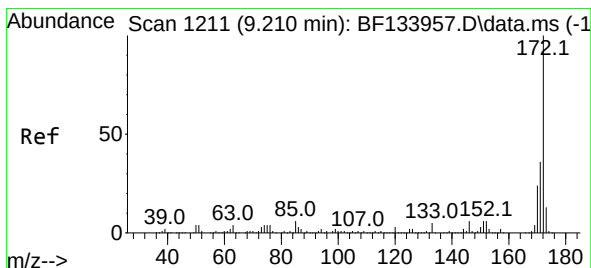
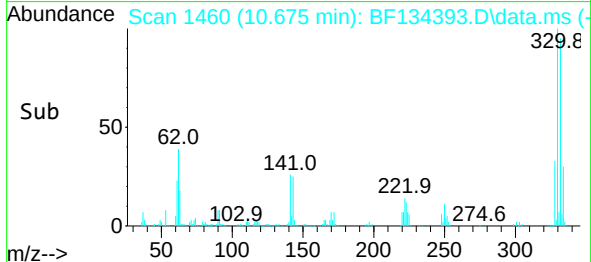
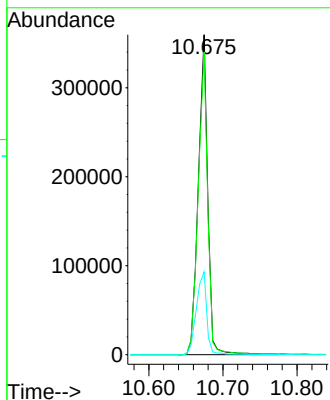


#42
2,4,6-Tribromophenol
Concen: 161.355 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134393.D
Acq: 21 Jul 2023 10:31

Instrument :
BNA_F
ClientSampleId :
PB154284BL

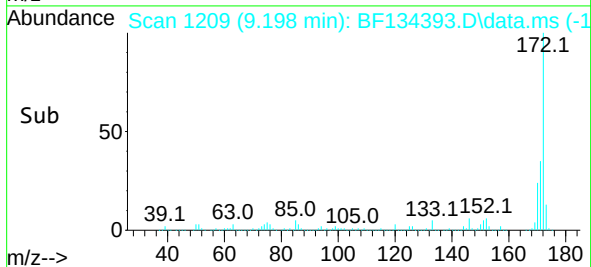
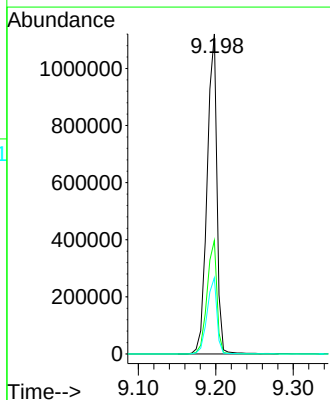
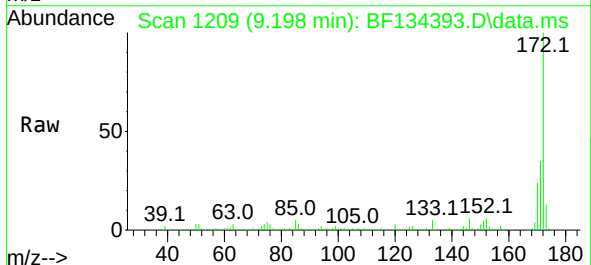


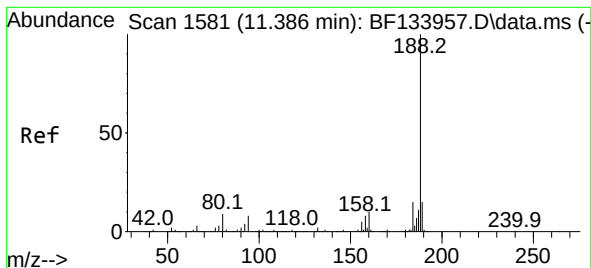
Tgt Ion: 330 Resp: 317409
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 28.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 91.446 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134393.D
Acq: 21 Jul 2023 10:31

Tgt Ion: 172 Resp: 986829
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134393.D

Acq: 21 Jul 2023 10:31

Instrument :

BNA_F

ClientSampleId :

PB154284BL

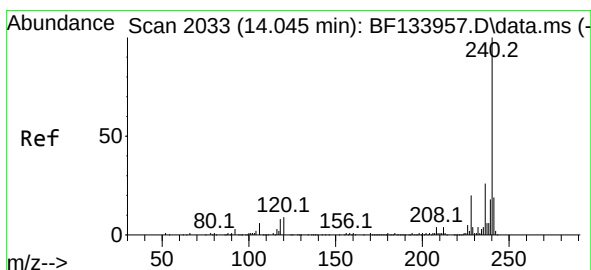
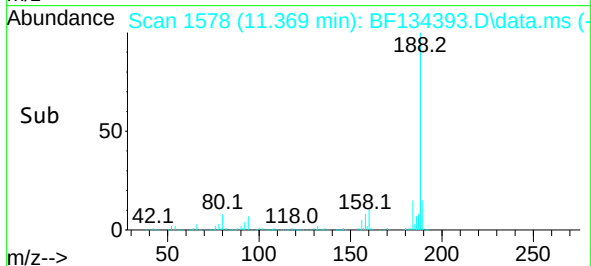
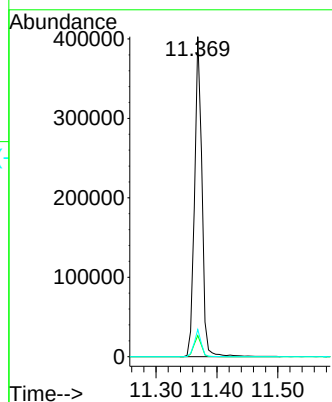
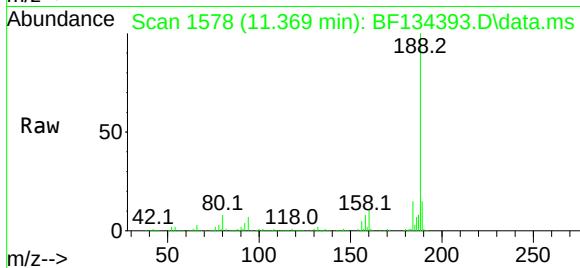
Tgt Ion:188 Resp: 337811

Ion Ratio Lower Upper

188 100

94 6.6 6.4 9.6

80 8.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134393.D

Acq: 21 Jul 2023 10:31

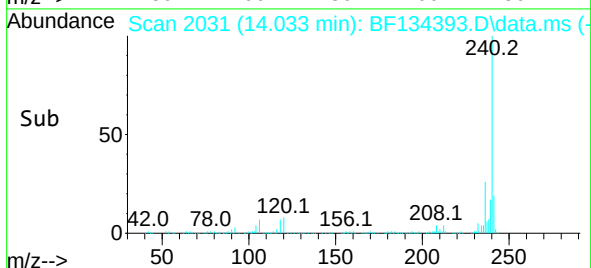
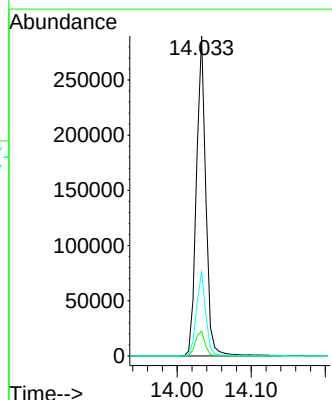
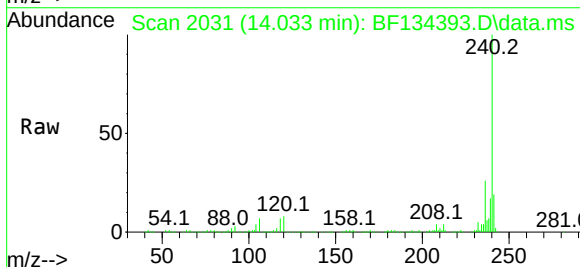
Tgt Ion:240 Resp: 255940

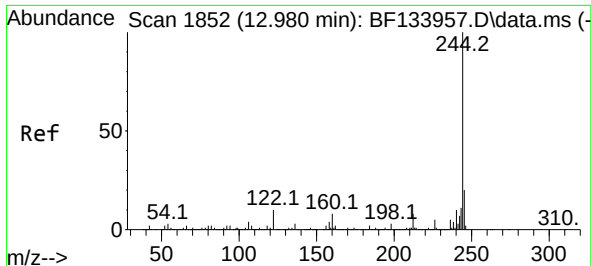
Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

236 26.2 21.0 31.6

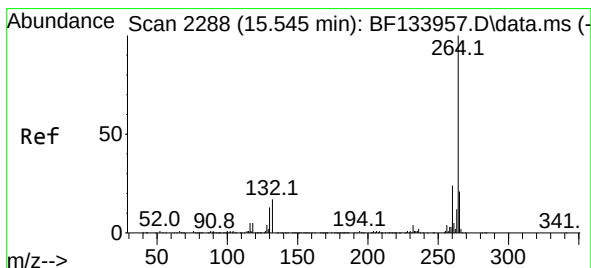
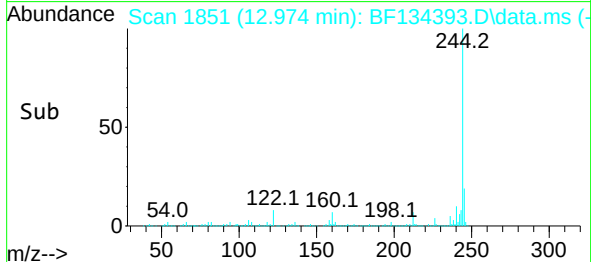
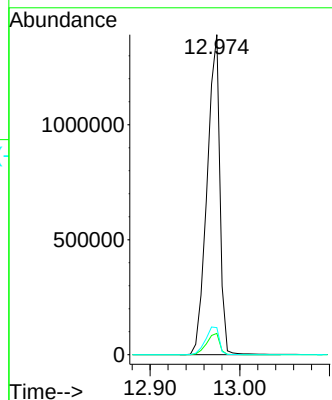
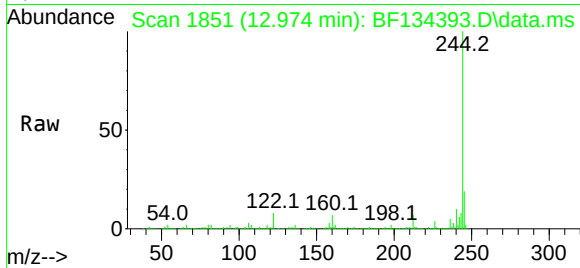




#79
 Terphenyl-d14
 Concen: 86.303 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134393.D
 Acq: 21 Jul 2023 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB154284BL

Tgt Ion:244 Resp: 1372447
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134393.D
 Acq: 21 Jul 2023 10:31

Tgt Ion:264 Resp: 230790
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.2 16.6 25.0

