

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134000.D
 Acq On : 27 Jun 2023 20:09
 Operator : CG\JU
 Sample : 03402-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0623

Quant Time: Jun 28 01:30:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	130722	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	400077	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	166047	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	278223	20.000	ng	0.00
76) Chrysene-d12	14.045	240	190946	20.000	ng	0.00
86) Perylene-d12	15.551	264	172594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	699745	89.542	ng	0.00
7) Phenol-d6	6.487	99	845136	87.938	ng	0.00
23) Nitrobenzene-d5	7.410	82	467128	62.940	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	157001	75.412	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	785898	68.813	ng	0.00
79) Terphenyl-d14	12.980	244	677231	57.082	ng	0.00

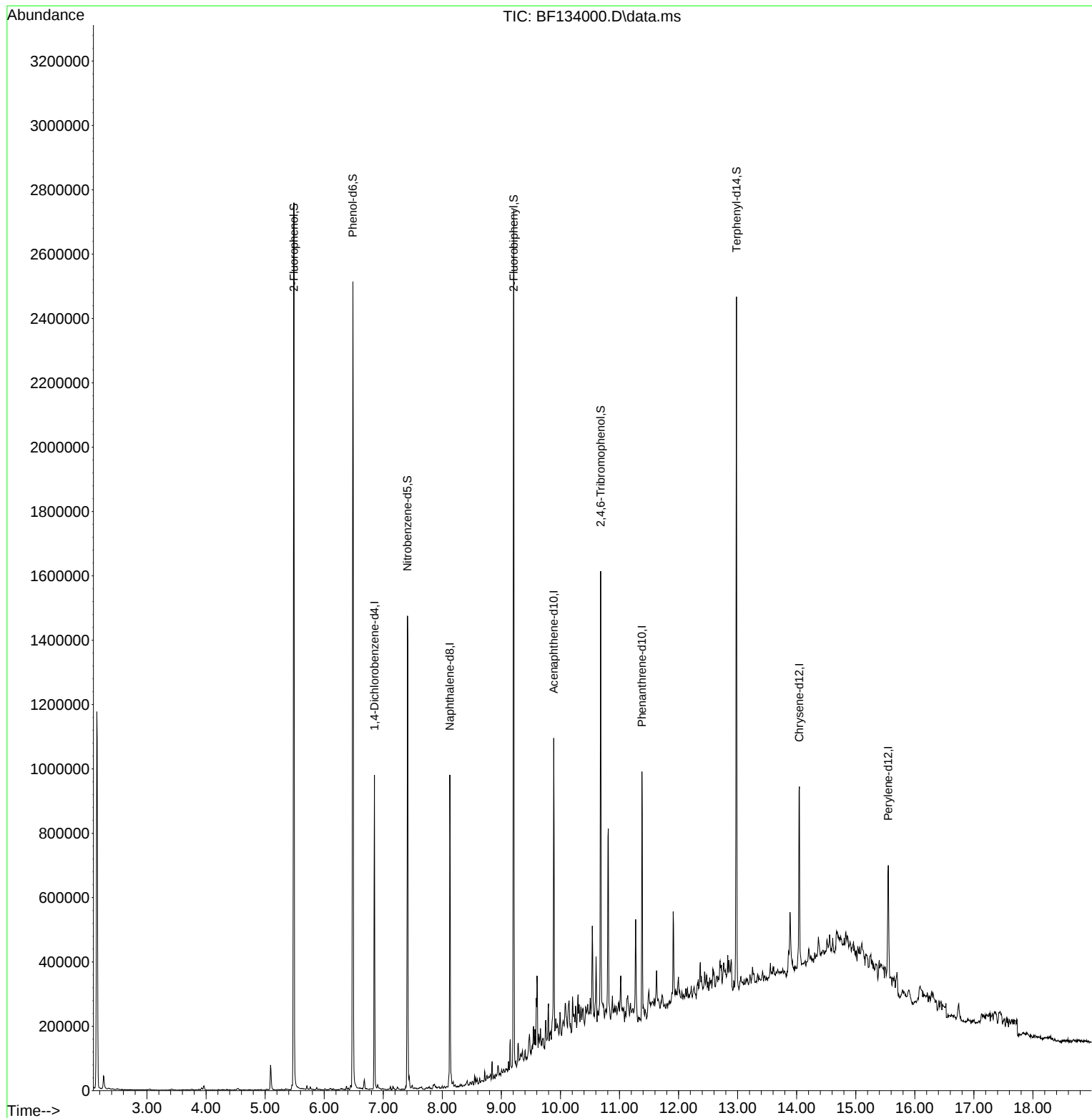
Target Compounds	Qvalue

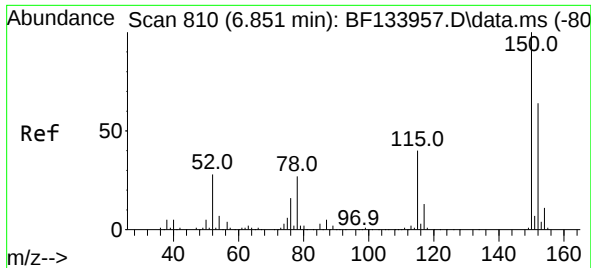
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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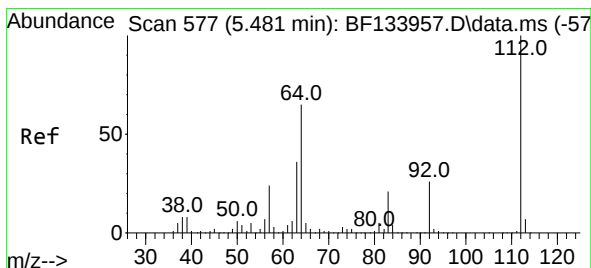
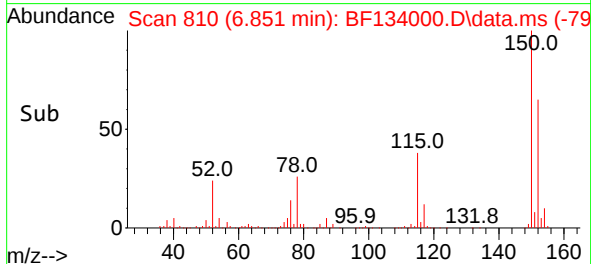
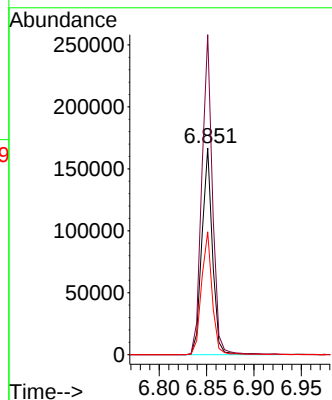
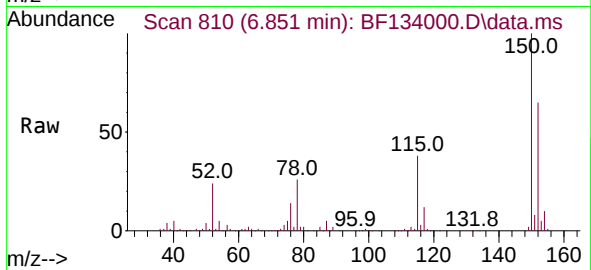




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134000.D
Acq: 27 Jun 2023 20:09

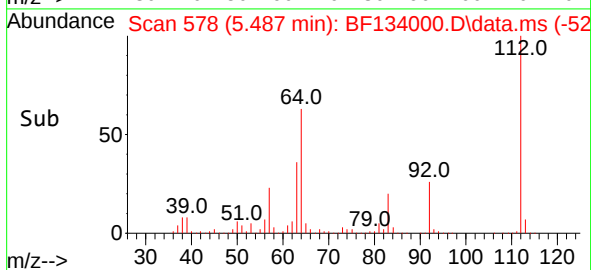
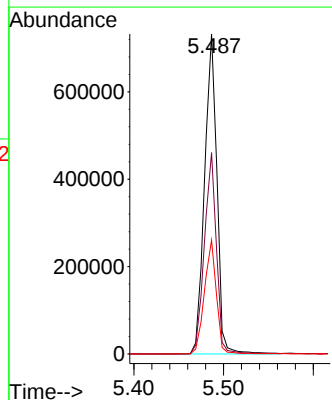
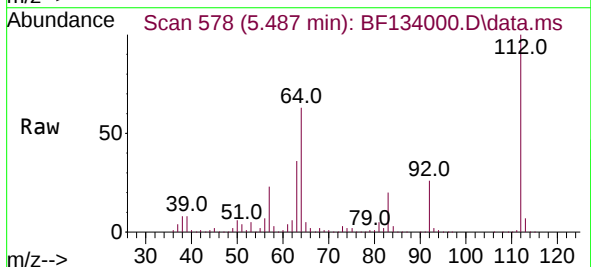
Instrument :
BNA_F
ClientSampleId :
TP3-0623

Tgt Ion:152 Resp: 130722
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 89.542 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF134000.D
Acq: 27 Jun 2023 20:09

Tgt Ion:112 Resp: 699745
Ion Ratio Lower Upper
112 100
64 62.9 52.1 78.1
63 35.6 28.6 42.8

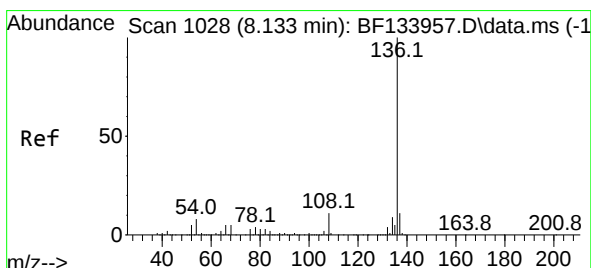
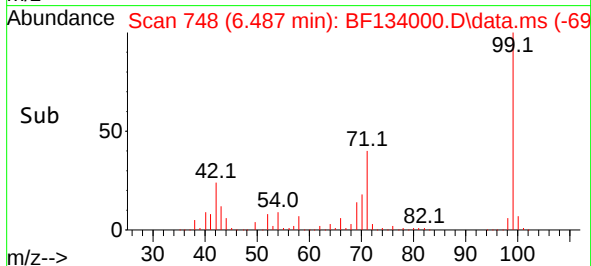
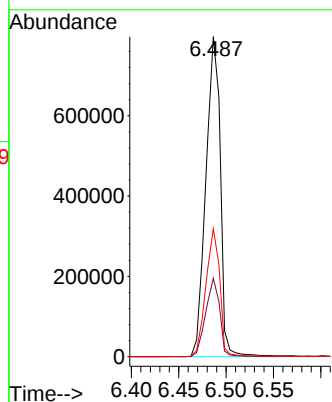
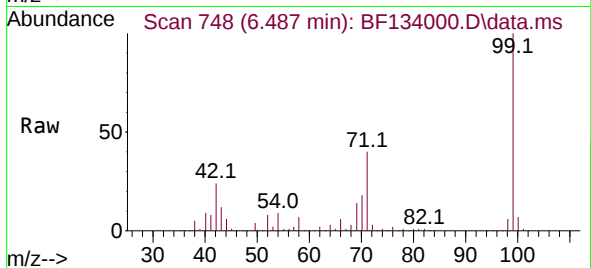




#7
Phenol-d6
Concen: 87.938 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134000.D
Acq: 27 Jun 2023 20:09

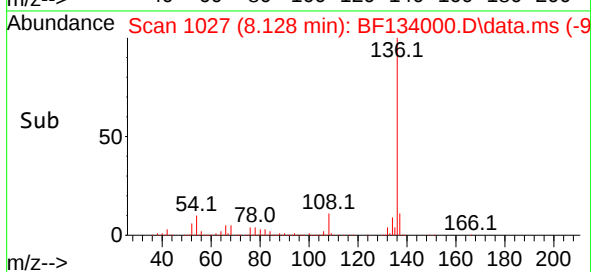
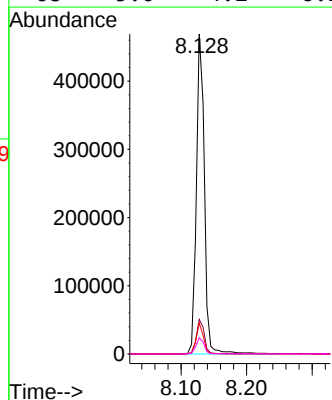
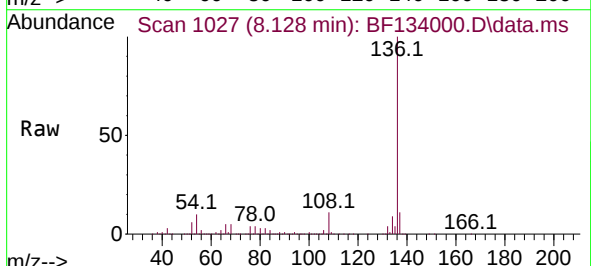
Instrument :
BNA_F
ClientSampleId :
TP3-0623

Tgt Ion: 99 Resp: 845136
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 40.0 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134000.D
Acq: 27 Jun 2023 20:09

Tgt Ion: 136 Resp: 400077
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.6 6.5 9.7
68 5.0 4.2 6.2

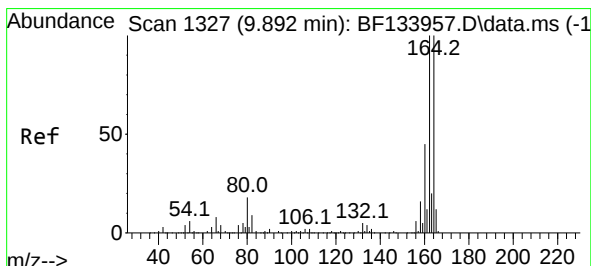
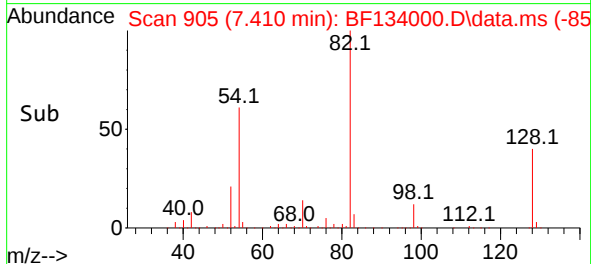
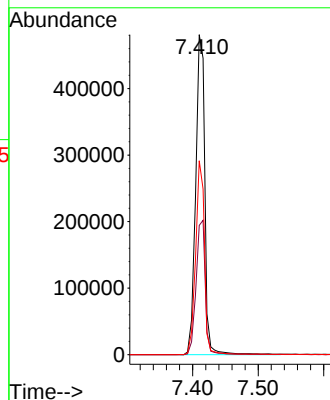
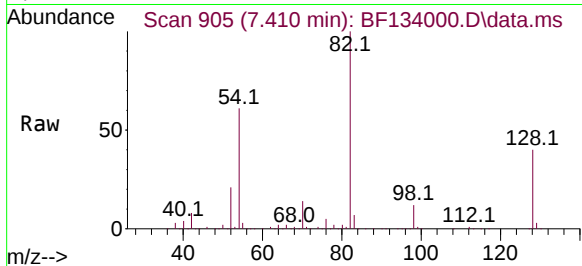




#23
 Nitrobenzene-d5
 Concen: 62.940 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134000.D
 Acq: 27 Jun 2023 20:09

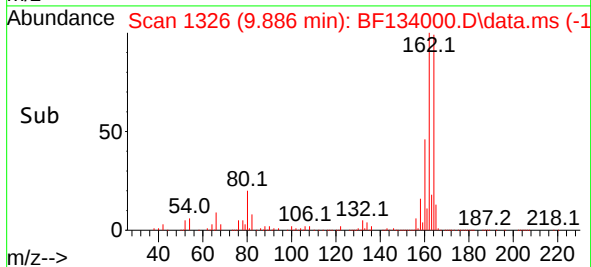
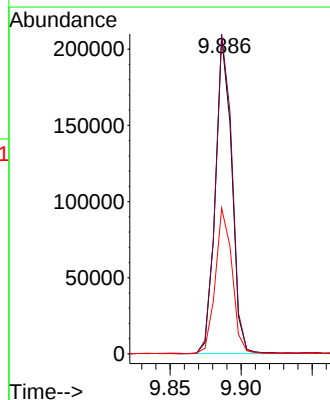
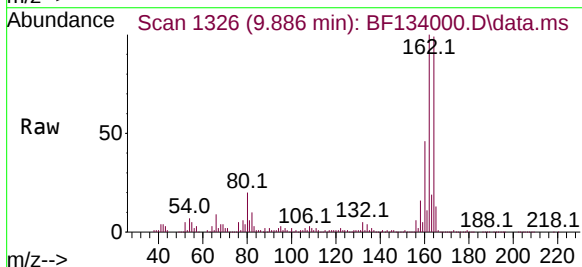
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0623

Tgt Ion: 82 Resp: 467128
 Ion Ratio Lower Upper
 82 100
 128 40.4 32.5 48.7
 54 60.6 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF134000.D
 Acq: 27 Jun 2023 20:09

Tgt Ion:164 Resp: 166047
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.0 120.0
 160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 75.412 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134000.D

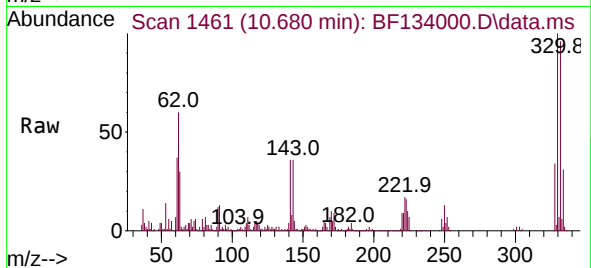
Acq: 27 Jun 2023 20:09

Instrument :

BNA_F

ClientSampleId :

TP3-0623



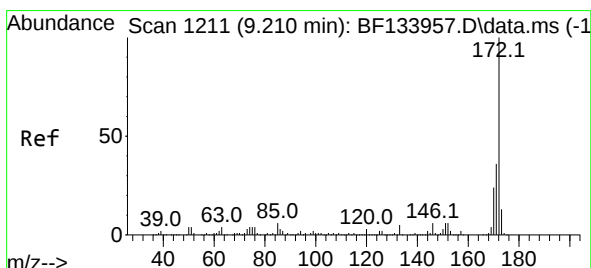
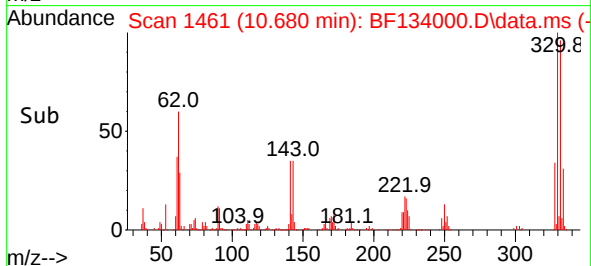
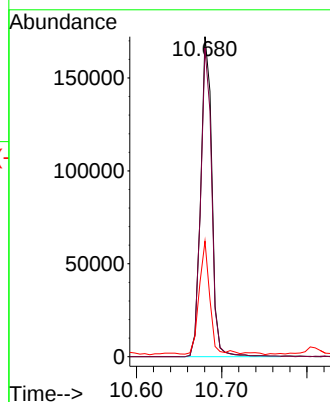
Tgt Ion:330 Resp: 157001

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

141 32.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 68.813 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134000.D

Acq: 27 Jun 2023 20:09

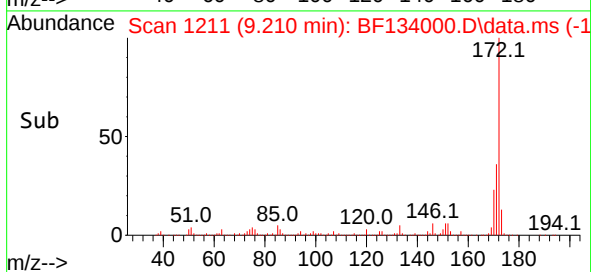
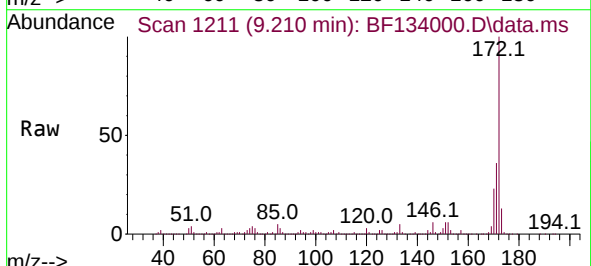
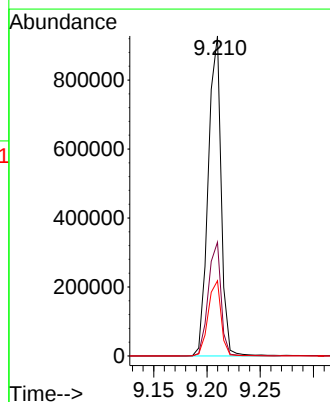
Tgt Ion:172 Resp: 785898

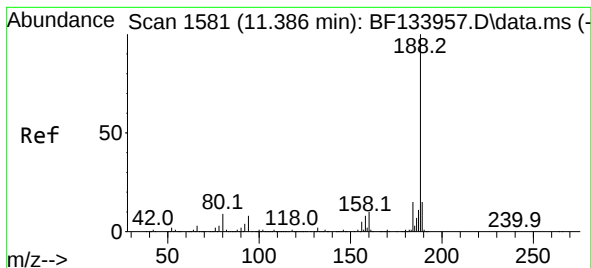
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134000.D

Acq: 27 Jun 2023 20:09

Instrument :

BNA_F

ClientSampleId :

TP3-0623

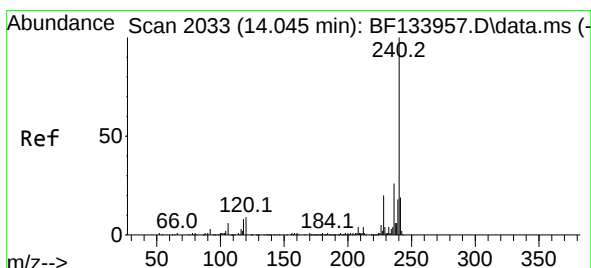
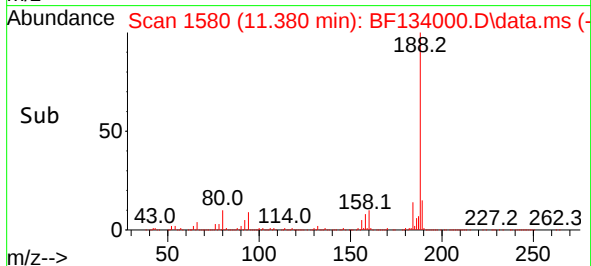
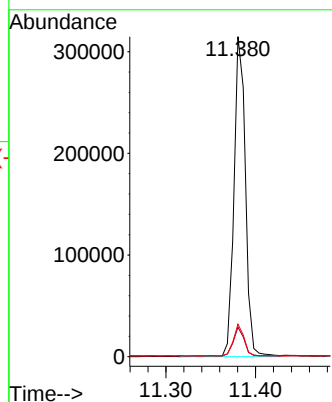
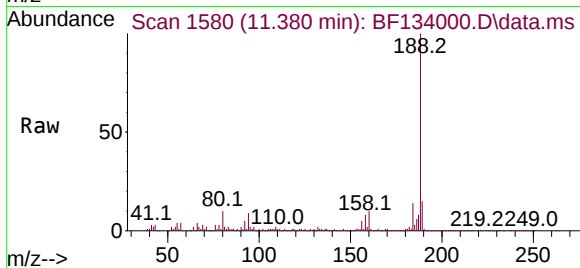
Tgt Ion:188 Resp: 278223

Ion Ratio Lower Upper

188 100

94 9.2 6.4 9.6

80 10.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134000.D

Acq: 27 Jun 2023 20:09

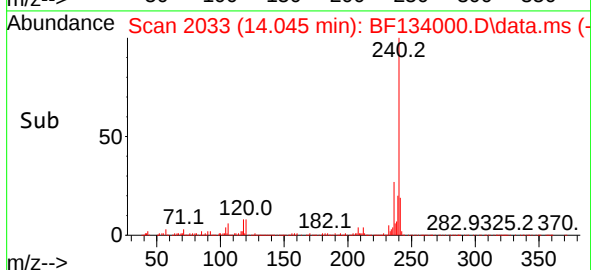
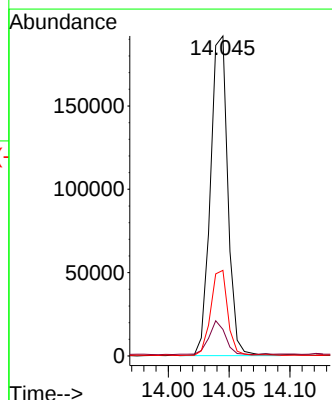
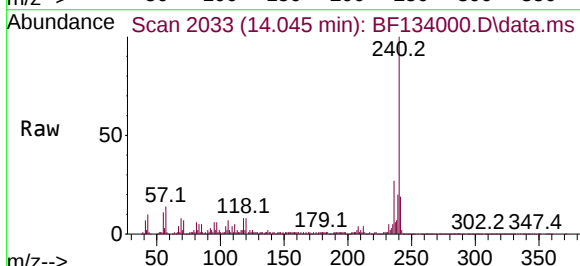
Tgt Ion:240 Resp: 190946

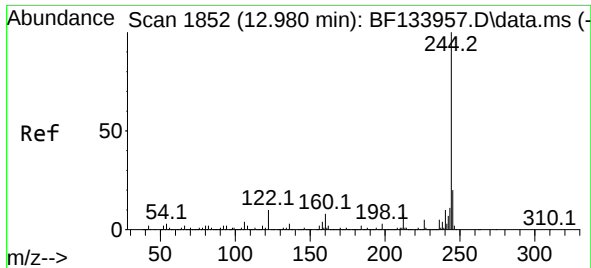
Ion Ratio Lower Upper

240 100

120 8.3 7.4 11.0

236 26.8 21.0 31.6

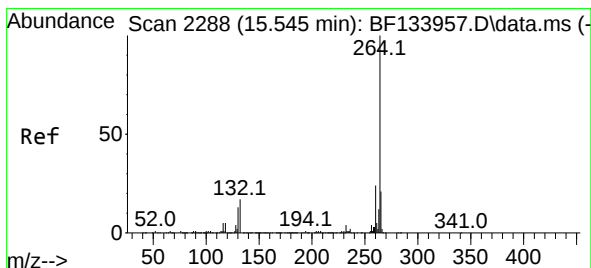
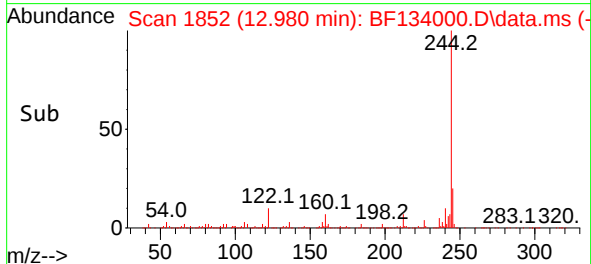
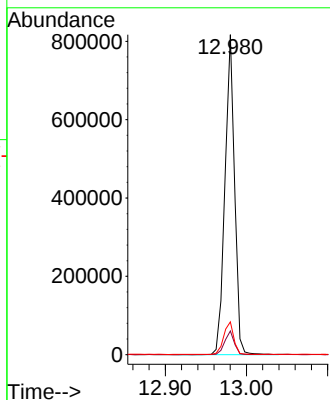
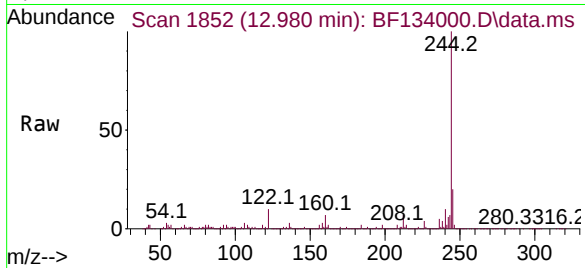




#79
 Terphenyl-d14
 Concen: 57.082 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF134000.D
 Acq: 27 Jun 2023 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0623

Tgt Ion:244 Resp: 677231
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF134000.D
 Acq: 27 Jun 2023 20:09

Tgt Ion:264 Resp: 172594
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.7 16.6 25.0

