

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133973.D
 Acq On : 27 Jun 2023 04:44
 Operator : CG\JU
 Sample : 03365-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Jun 27 06:03:51 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	107488	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	367593	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	154321	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	301992	20.000	ng	0.00
76) Chrysene-d12	14.039	240	195525	20.000	ng	0.00
86) Perylene-d12	15.545	264	156138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	560245	87.187	ng	0.01
7) Phenol-d6	6.486	99	669518	84.723	ng	0.00
23) Nitrobenzene-d5	7.416	82	438629	64.322	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	168493	87.082	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	745210	70.208	ng	0.00
79) Terphenyl-d14	12.980	244	845891	69.628	ng	0.00

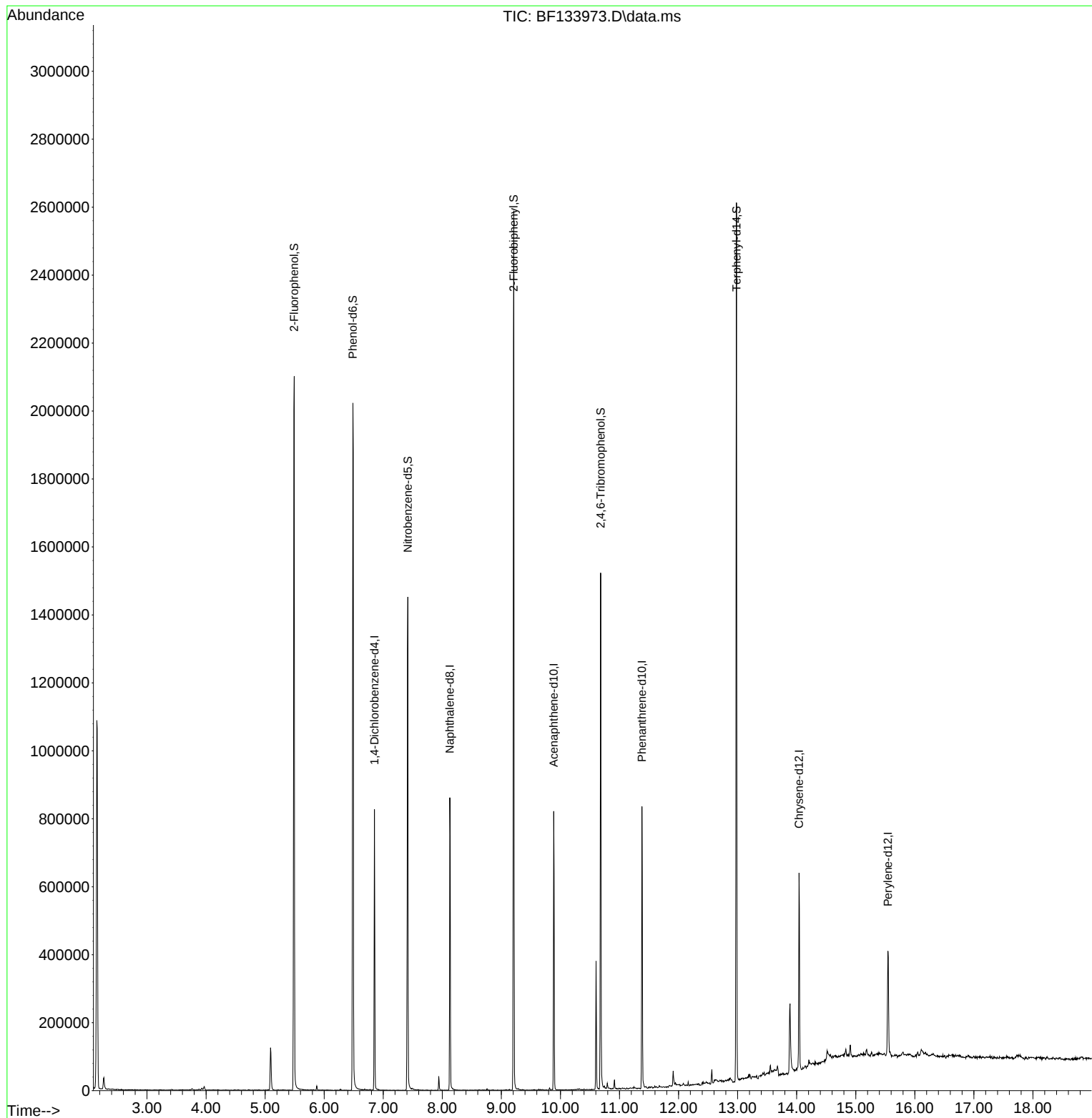
Target Compounds	Qvalue

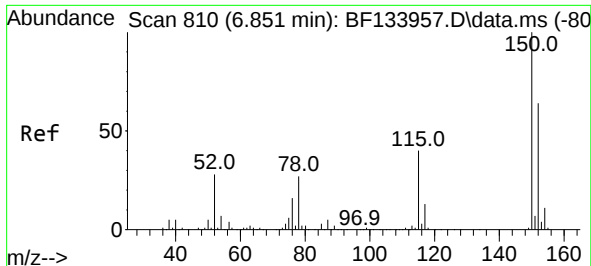
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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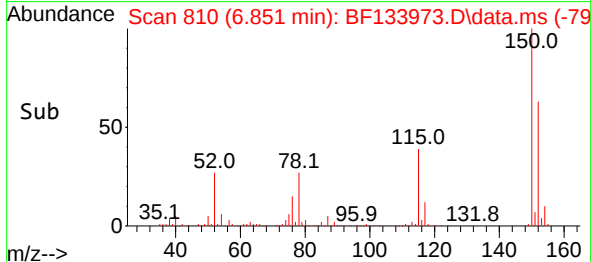
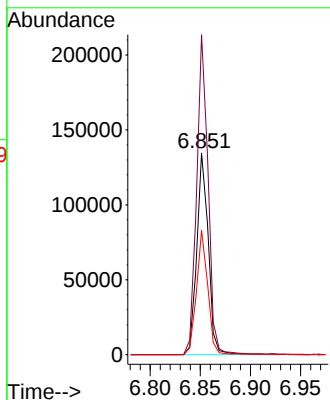
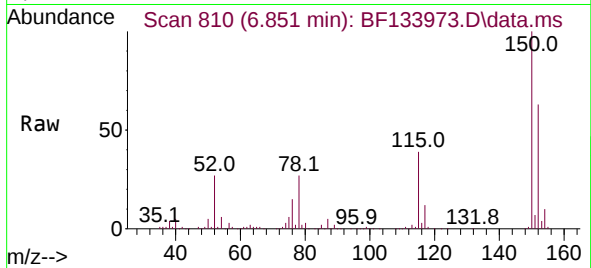




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

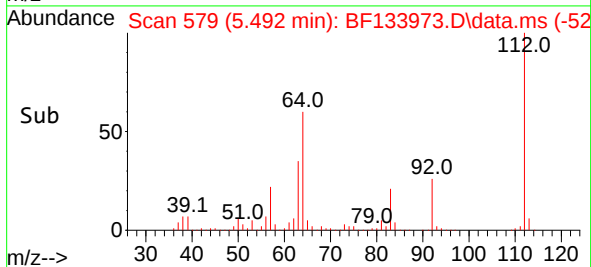
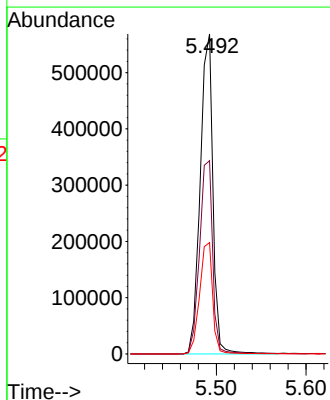
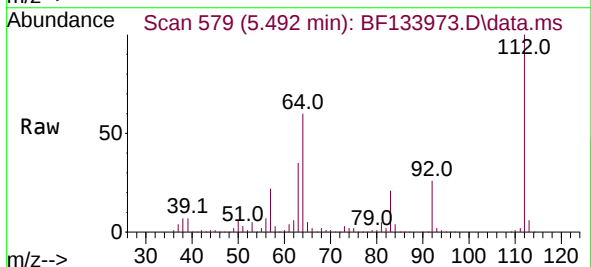
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:152 Resp: 107488
Ion Ratio Lower Upper
152 100
150 158.6 124.5 186.7
115 61.6 50.2 75.2



#5
2-Fluorophenol
Concen: 87.187 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion:112 Resp: 560245
Ion Ratio Lower Upper
112 100
64 60.4 52.1 78.1
63 34.8 28.6 42.8

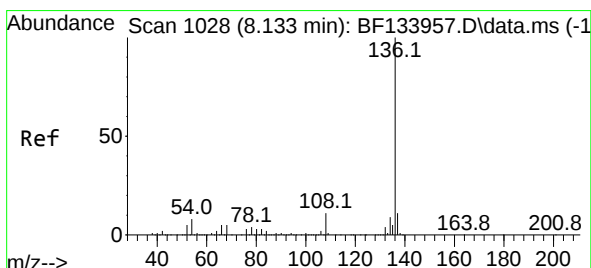
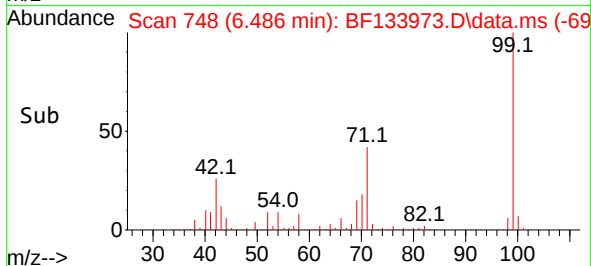
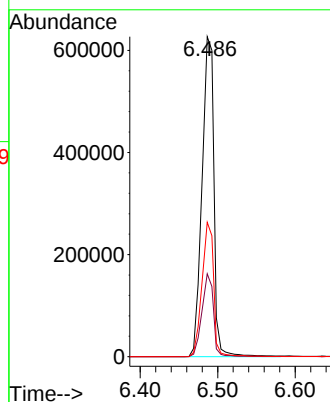
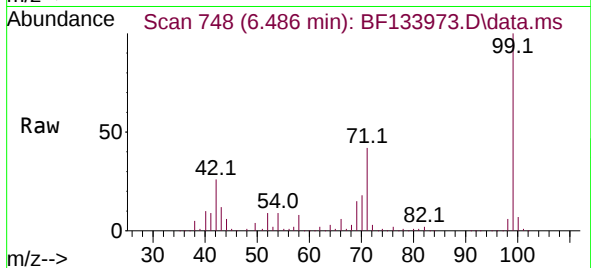




#7
Phenol-d6
Concen: 84.723 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

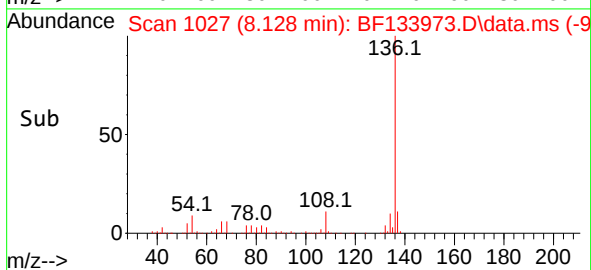
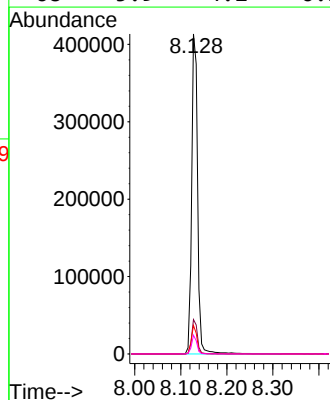
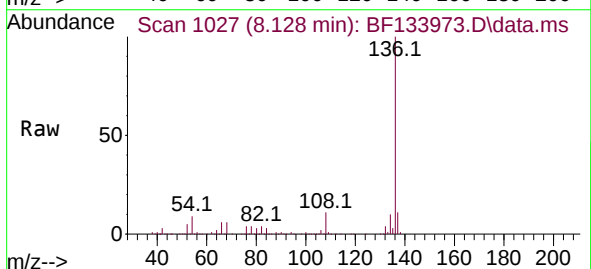
Instrument :
BNA_F
ClientSampleId :
TP2

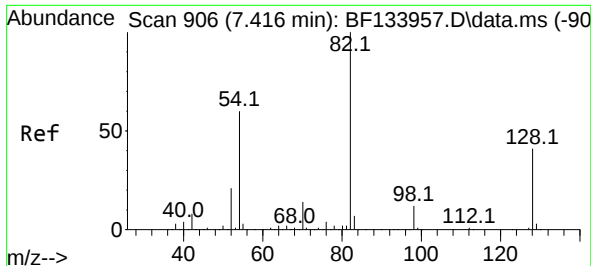
Tgt Ion: 99 Resp: 669518
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.6
71 42.0 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133973.D
Acq: 27 Jun 2023 04:44

Tgt Ion: 136 Resp: 367593
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 6.5 9.7
68 5.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 64.322 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133973.D

Acq: 27 Jun 2023 04:44

Instrument :

BNA_F

ClientSampleId :

TP2

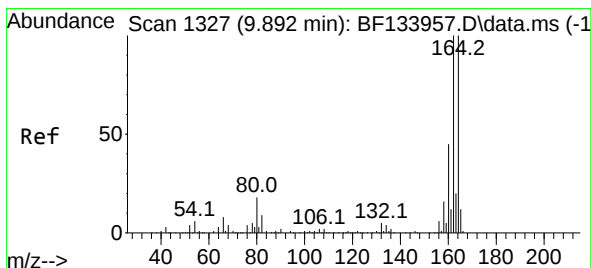
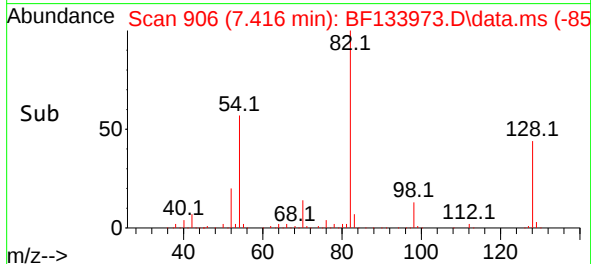
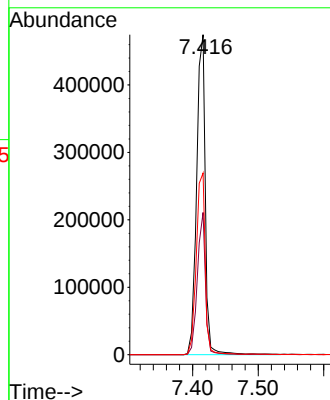
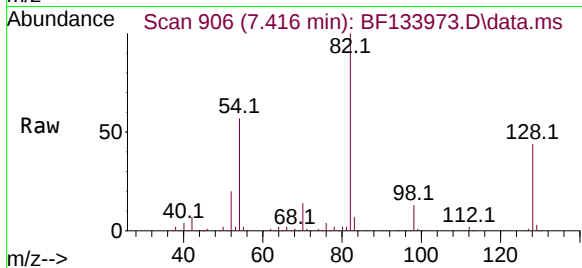
Tgt Ion: 82 Resp: 438629

Ion Ratio Lower Upper

82 100

128 44.4 32.5 48.7

54 56.7 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: BF133973.D

Acq: 27 Jun 2023 04:44

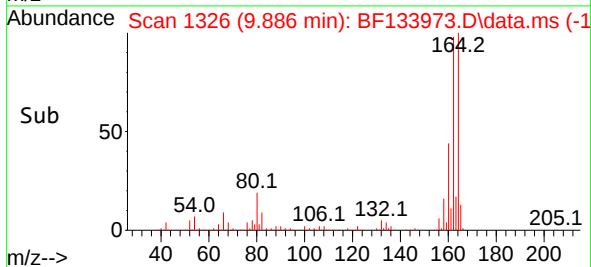
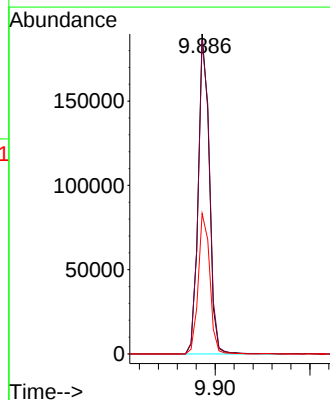
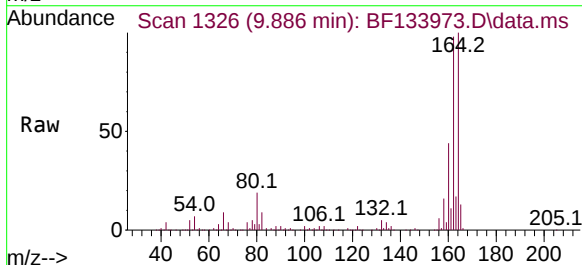
Tgt Ion:164 Resp: 154321

Ion Ratio Lower Upper

164 100

162 98.0 80.0 120.0

160 43.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 87.082 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133973.D

Acq: 27 Jun 2023 04:44

Instrument :

BNA_F

ClientSampleId :

TP2

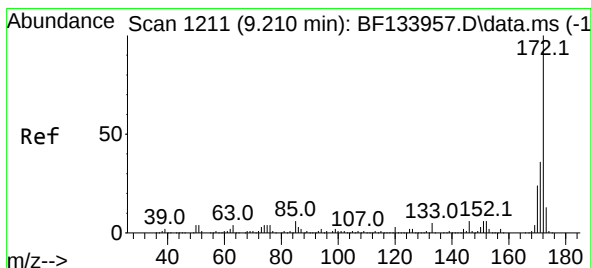
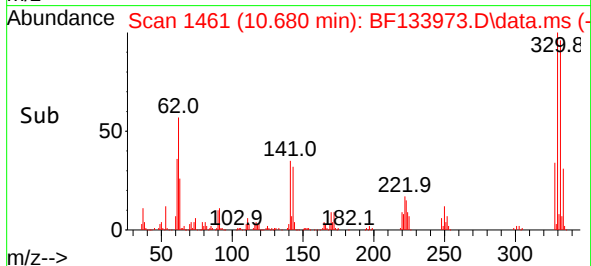
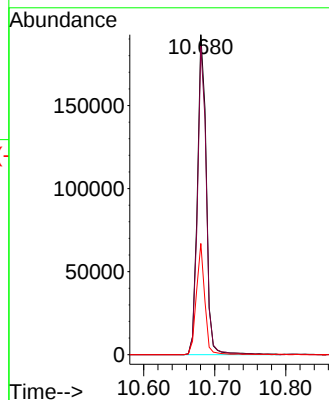
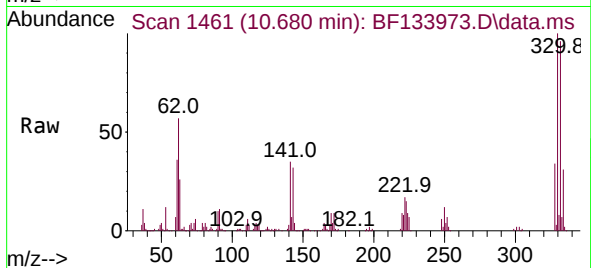
Tgt Ion:330 Resp: 168493

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

141 32.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 70.208 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133973.D

Acq: 27 Jun 2023 04:44

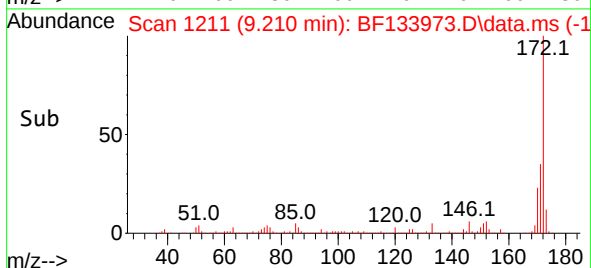
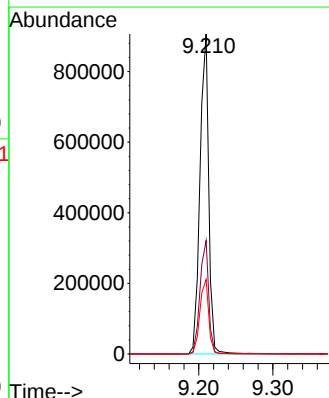
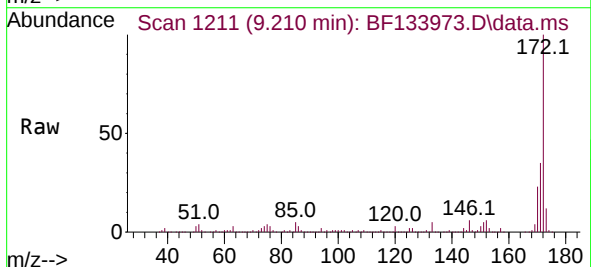
Tgt Ion:172 Resp: 745210

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.2 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: BF133973.D

Acq: 27 Jun 2023 04:44

Instrument :

BNA_F

ClientSampleId :

TP2

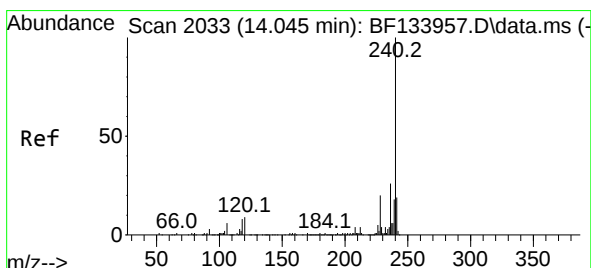
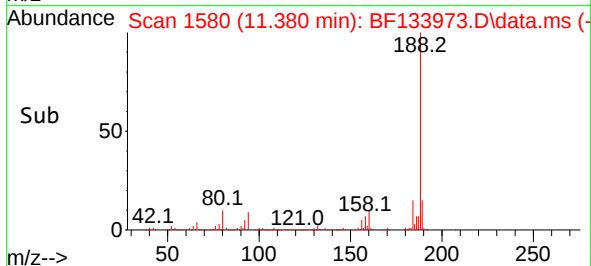
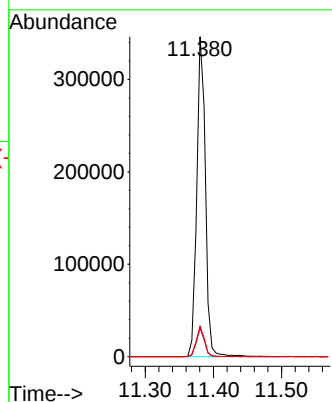
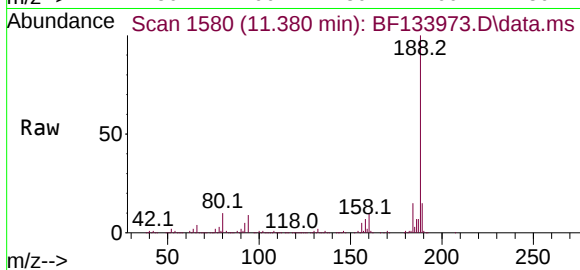
Tgt Ion:188 Resp: 301992

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133973.D

Acq: 27 Jun 2023 04:44

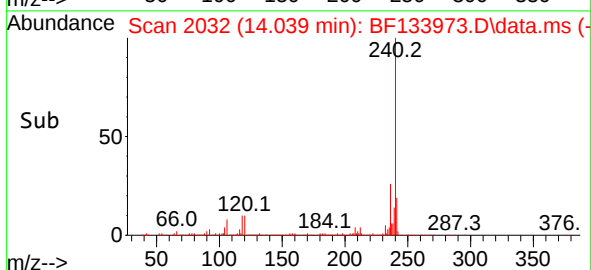
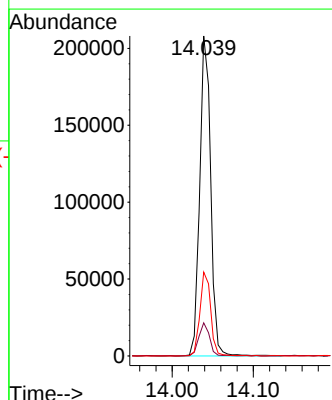
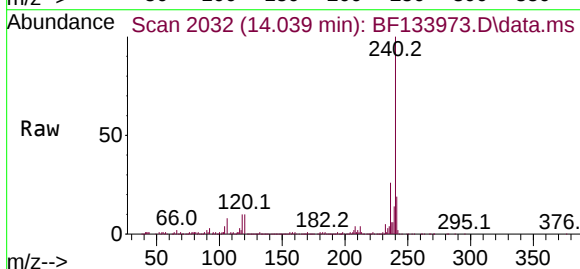
Tgt Ion:240 Resp: 195525

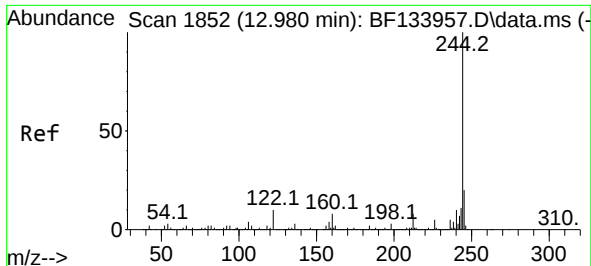
Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

236 26.2 21.0 31.6

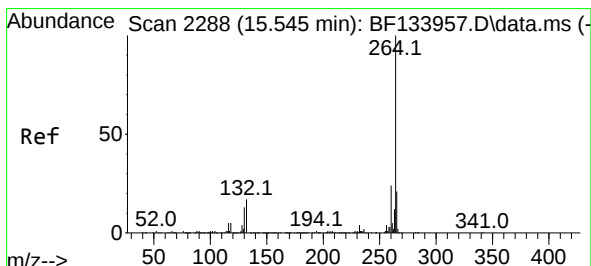
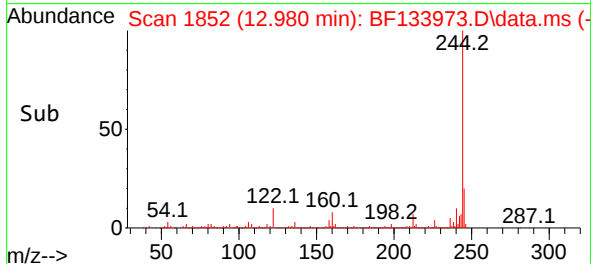
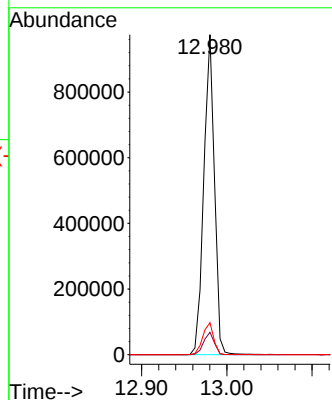
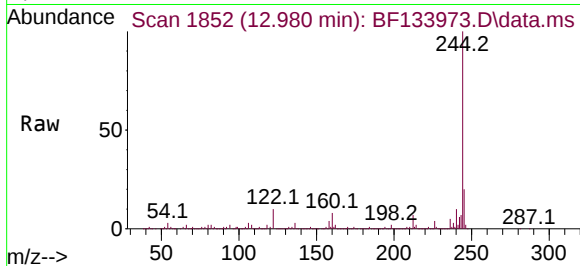




#79
 Terphenyl-d14
 Concen: 69.628 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF133973.D
 Acq: 27 Jun 2023 04:44

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:244 Resp: 845891
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF133973.D
 Acq: 27 Jun 2023 04:44

Tgt Ion:264 Resp: 156138
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.2 16.6 25.0

