

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134117.D
 Acq On : 07 Jul 2023 02:29
 Operator : CG\JU
 Sample : 03376-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Jul 07 04:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	106166	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	405068	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	202772	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	396432	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	262392	20.000	ng	-0.02
86) Perylene-d12	15.539	264	218553	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	418259	65.902	ng	-0.01
7) Phenol-d6	6.475	99	321525	41.194	ng	-0.02
23) Nitrobenzene-d5	7.410	82	661576	88.041	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	329479	129.596	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1173086	84.111	ng	0.00
79) Terphenyl-d14	12.974	244	1415897	86.846	ng	-0.01

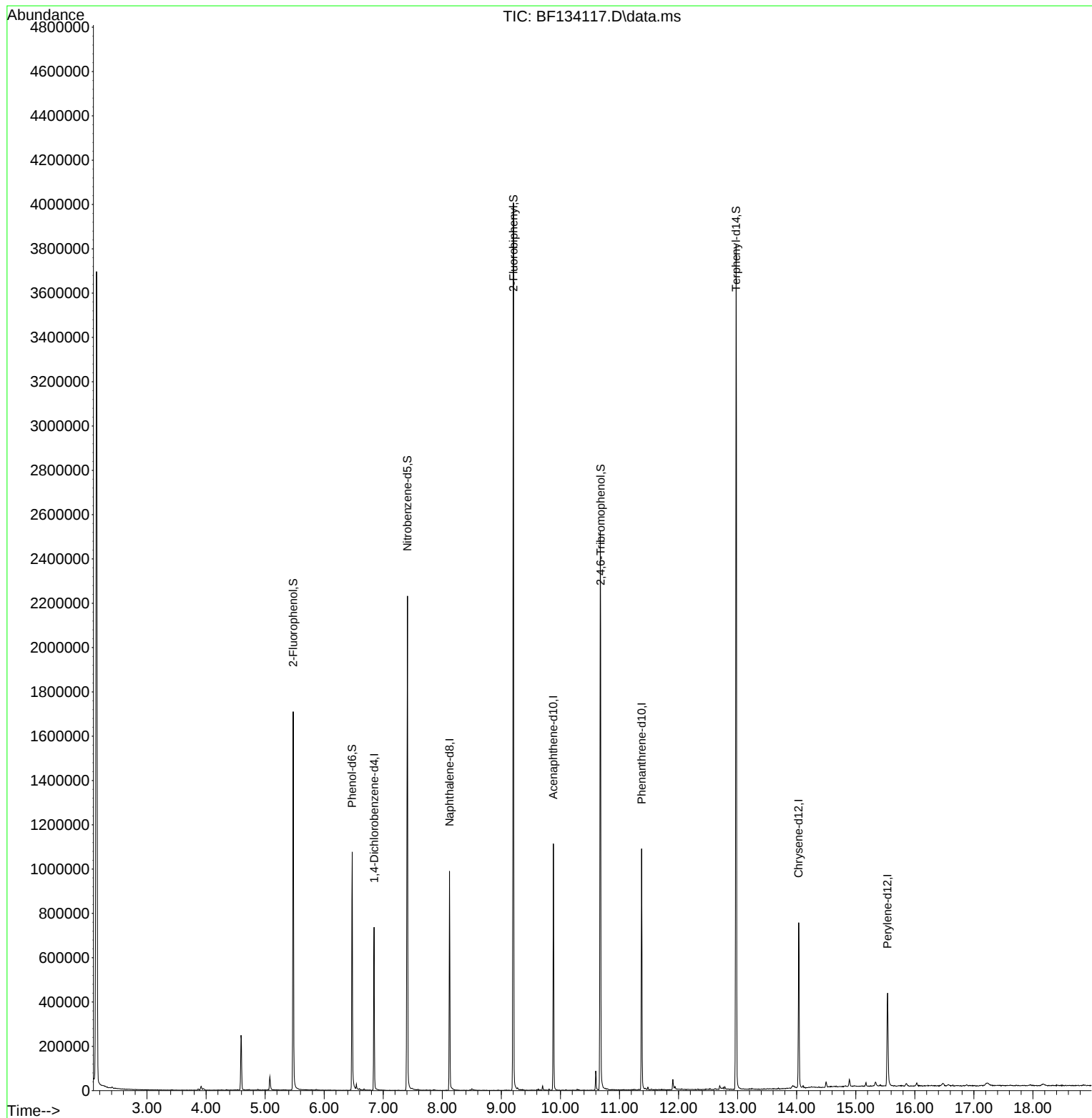
Target Compounds	Qvalue

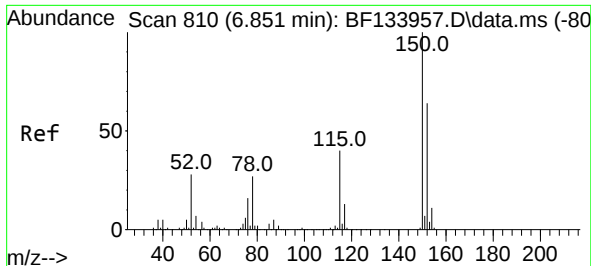
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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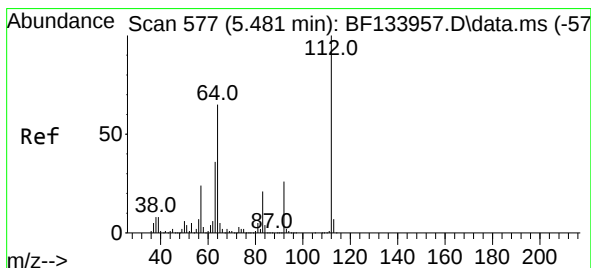
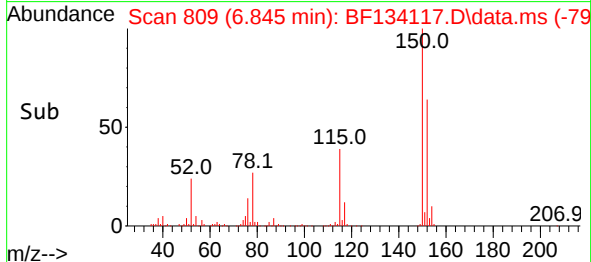
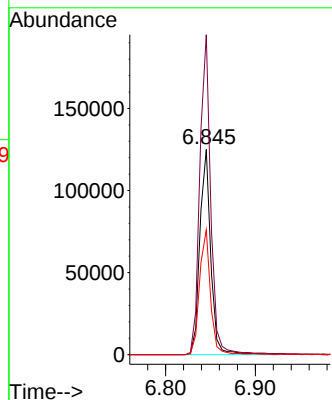
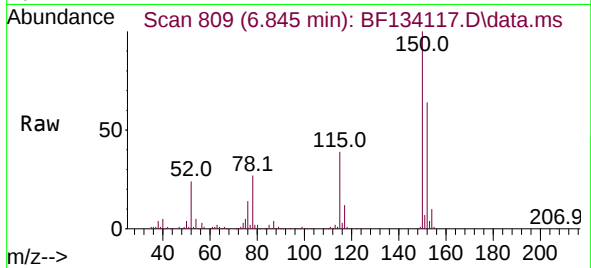




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

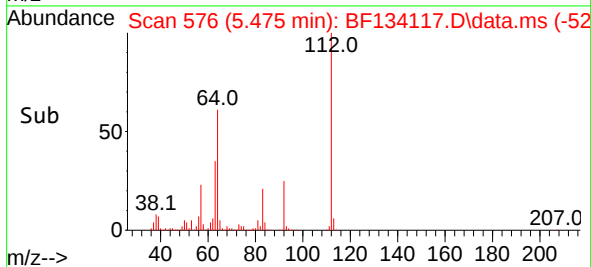
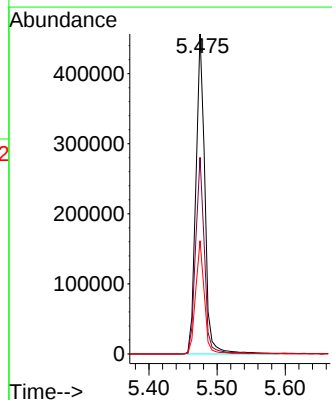
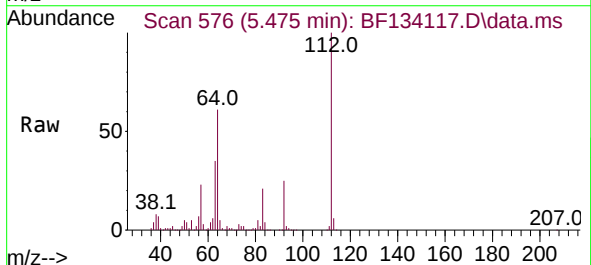
Instrument :
BNA_F
ClientSampleId :
TW-1

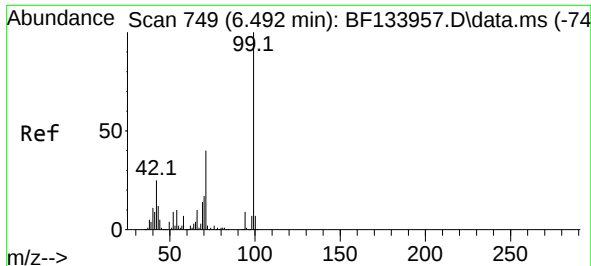
Tgt Ion:152 Resp: 106166
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 60.8 50.2 75.2



#5
2-Fluorophenol
Concen: 65.902 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

Tgt Ion:112 Resp: 418259
Ion Ratio Lower Upper
112 100
64 61.4 52.1 78.1
63 35.4 28.6 42.8

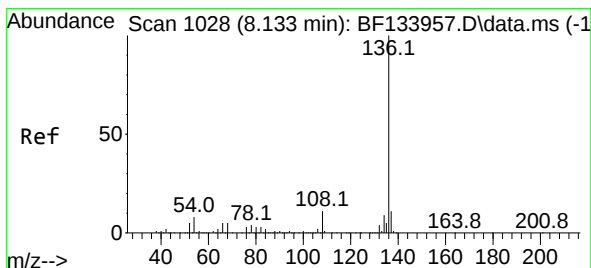
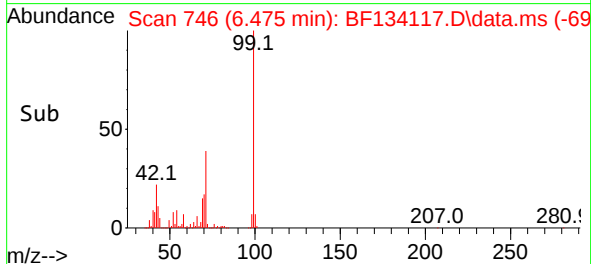
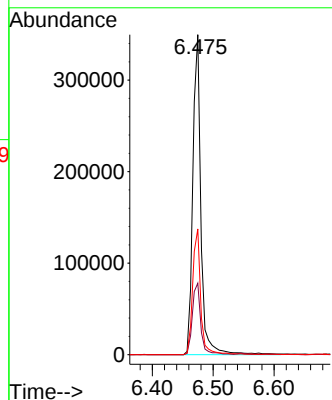
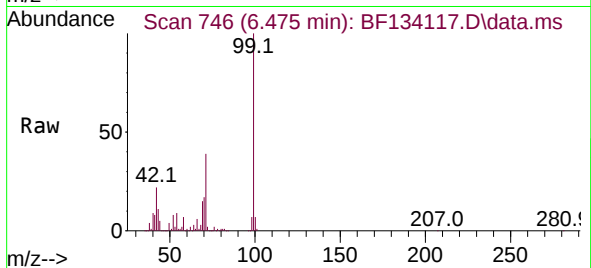




#7
Phenol-d6
Concen: 41.194 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

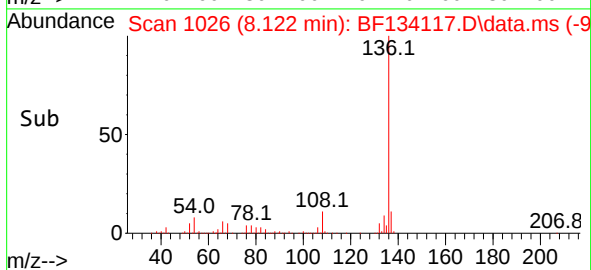
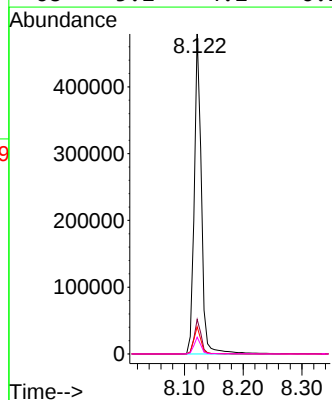
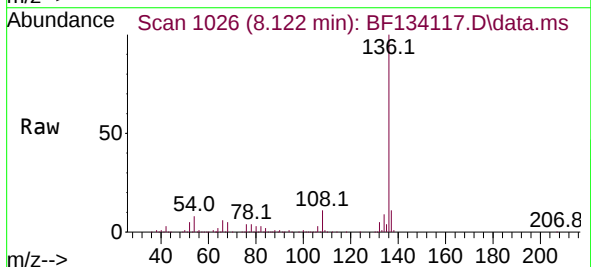
Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion: 99 Resp: 321525
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.6
71 39.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134117.D
Acq: 07 Jul 2023 02:29

Tgt Ion: 136 Resp: 405068
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.5 6.5 9.7
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 88.041 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

Instrument :

BNA_F

ClientSampleId :

TW-1

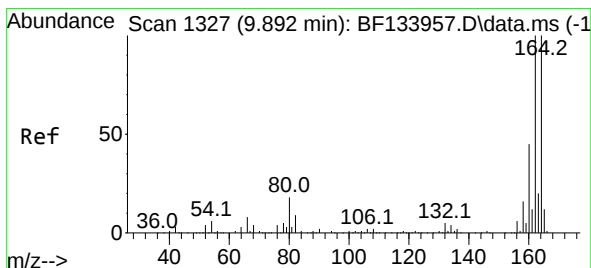
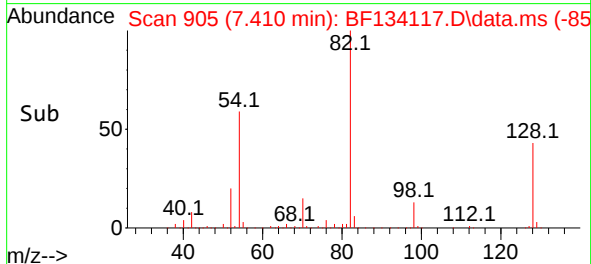
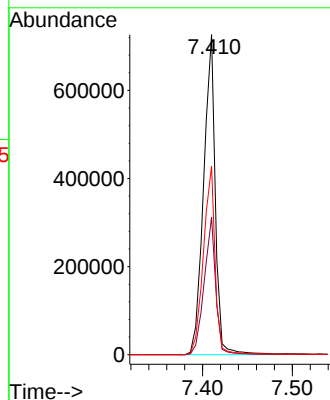
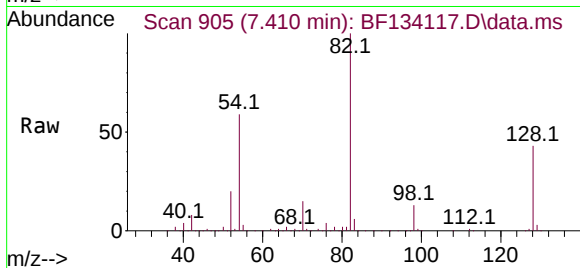
Tgt Ion: 82 Resp: 661576

Ion Ratio Lower Upper

82 100

128 43.0 32.5 48.7

54 58.9 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

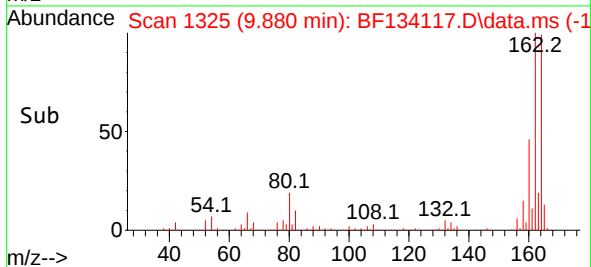
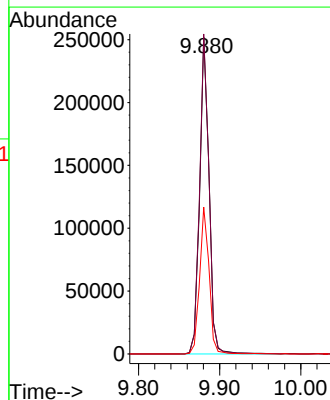
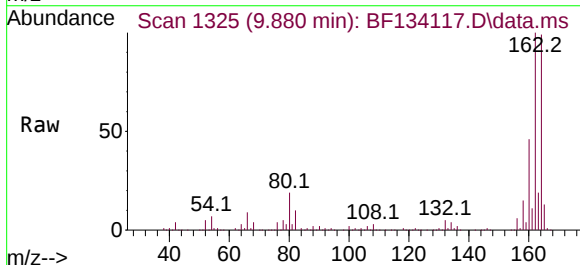
Tgt Ion:164 Resp: 202772

Ion Ratio Lower Upper

164 100

162 101.0 80.0 120.0

160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.596 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

Instrument :

BNA_F

ClientSampleId :

TW-1

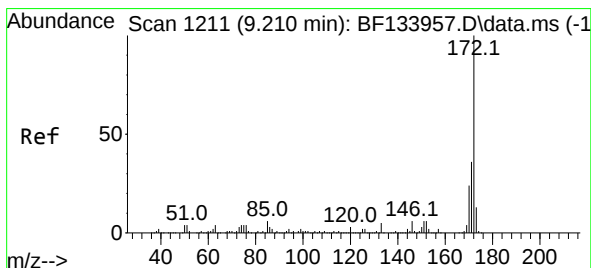
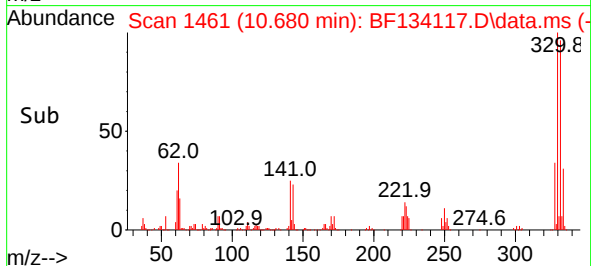
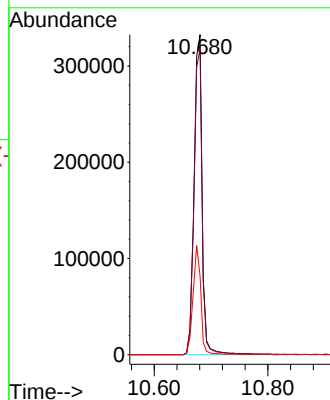
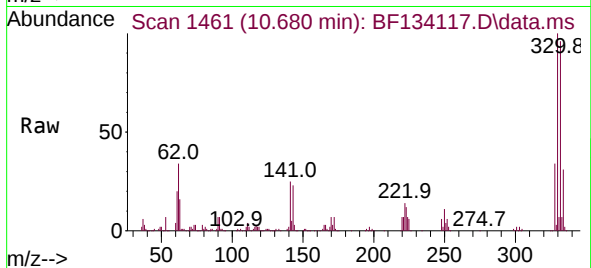
Tgt Ion:330 Resp: 329479

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

141 32.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 84.111 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

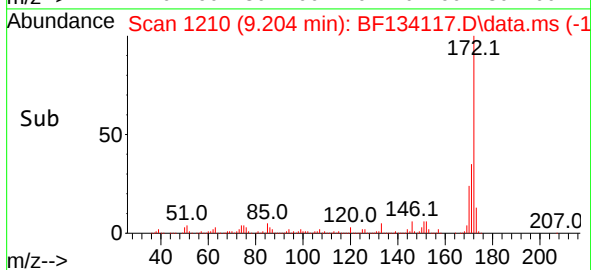
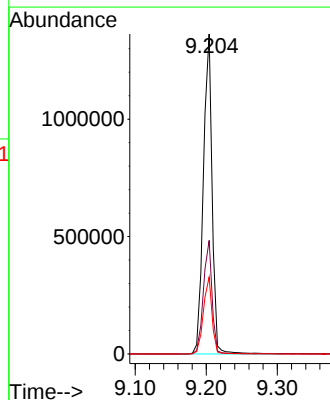
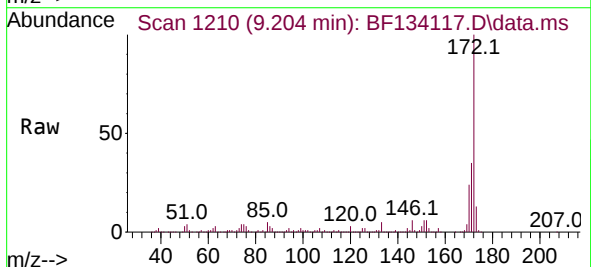
Tgt Ion:172 Resp: 1173086

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.0 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

Instrument :

BNA_F

ClientSampleId :

TW-1

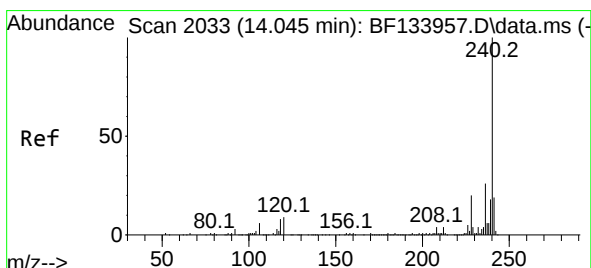
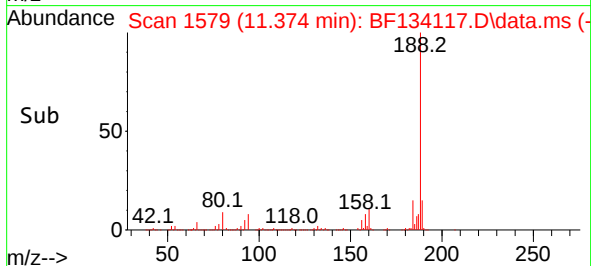
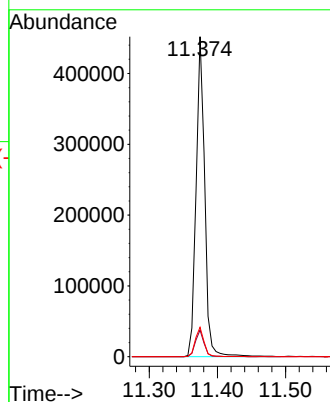
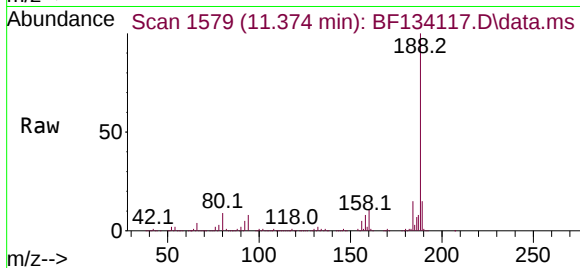
Tgt Ion:188 Resp: 396432

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134117.D

Acq: 07 Jul 2023 02:29

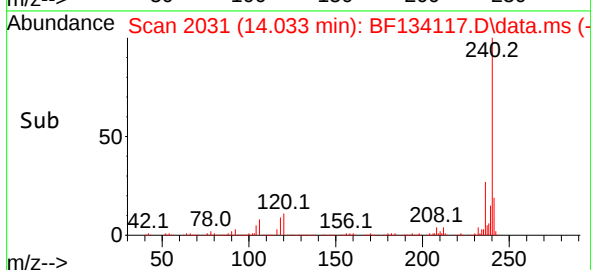
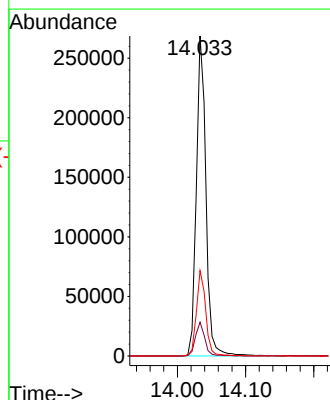
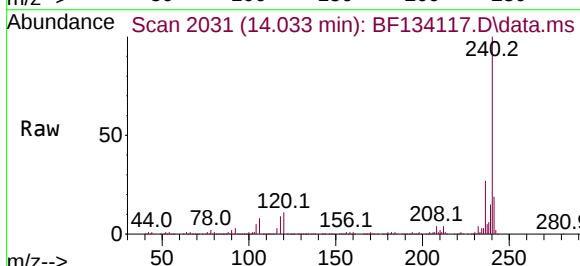
Tgt Ion:240 Resp: 262392

Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.0

236 26.7 21.0 31.6

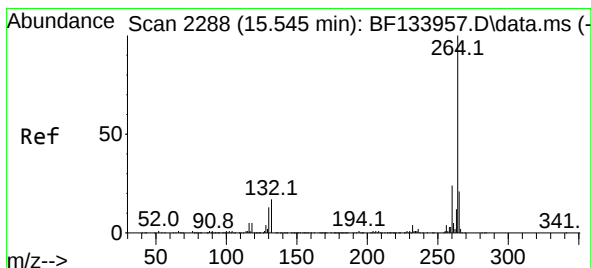
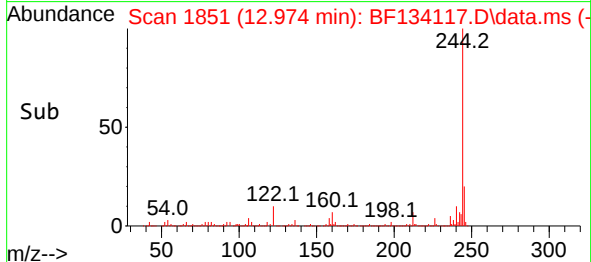
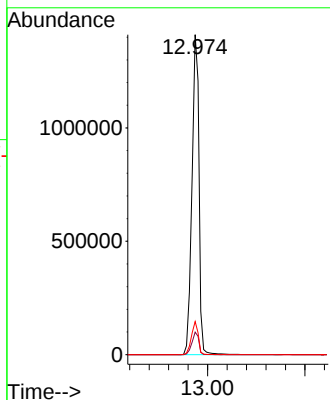
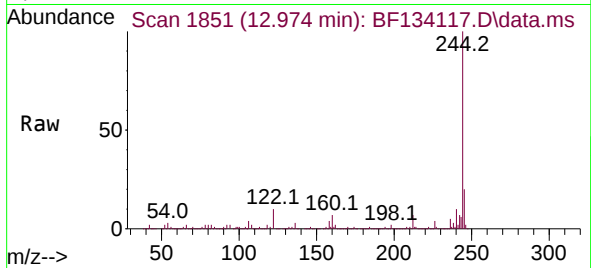




#79
 Terphenyl-d14
 Concen: 86.846 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134117.D
 Acq: 07 Jul 2023 02:29

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:244 Resp: 1415897
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134117.D
 Acq: 07 Jul 2023 02:29

Tgt Ion:264 Resp: 218553
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.0 16.6 25.0

