

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130834.D
 Acq On : 28 Oct 2022 20:58
 Operator : CG\JU
 Sample : N5281-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Oct 29 05:46:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	107100	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	419619	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	231087	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	419714	20.000	ng	0.00
76) Chrysene-d12	14.127	240	284185	20.000	ng	0.00
86) Perylene-d12	15.639	264	205459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	632020	102.304	ng	0.00
7) Phenol-d6	6.557	99	821946	102.383	ng	0.00
23) Nitrobenzene-d5	7.504	82	541806	77.857	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	209153	107.518	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1011046	66.148	ng	0.00
79) Terphenyl-d14	13.074	244	1013629	65.360	ng	0.00

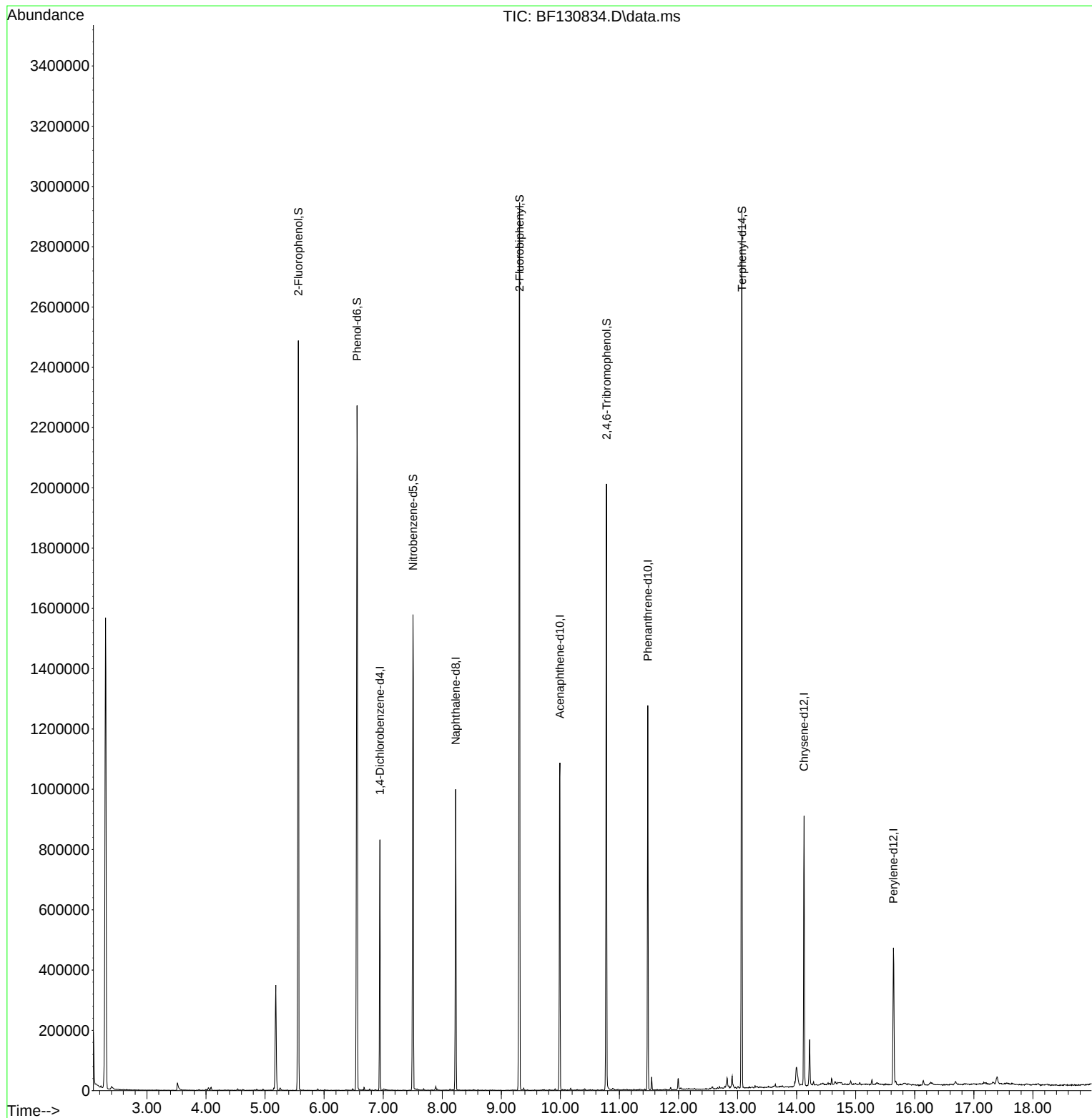
Target Compounds Qvalue

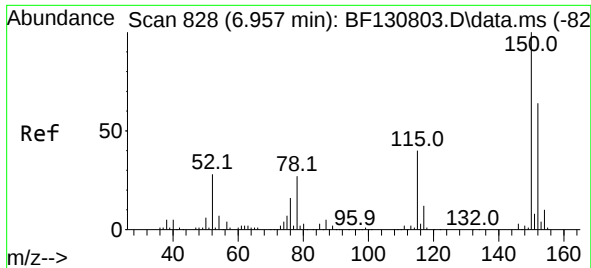
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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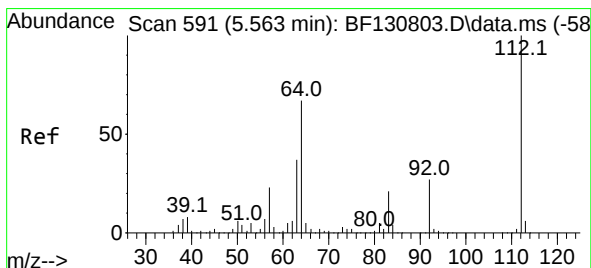
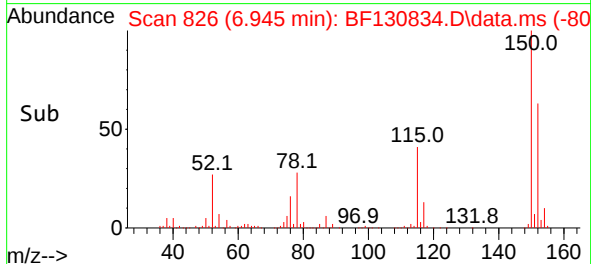
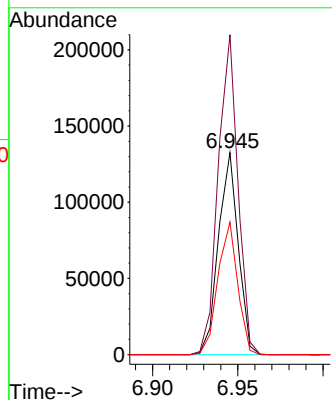
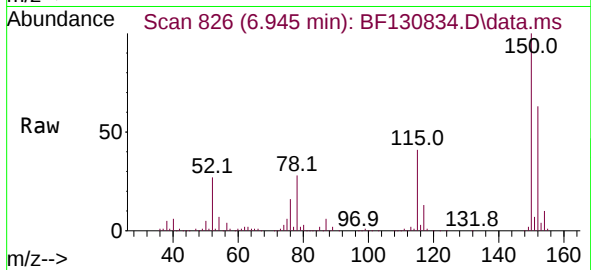




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130834.D
 Acq: 28 Oct 2022 20:58

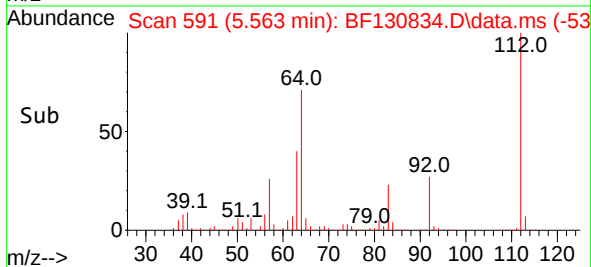
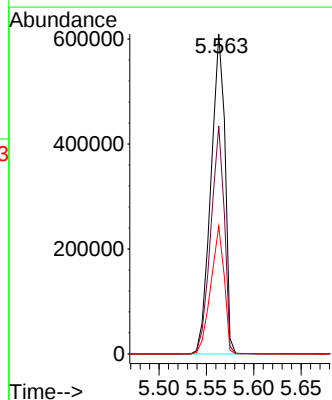
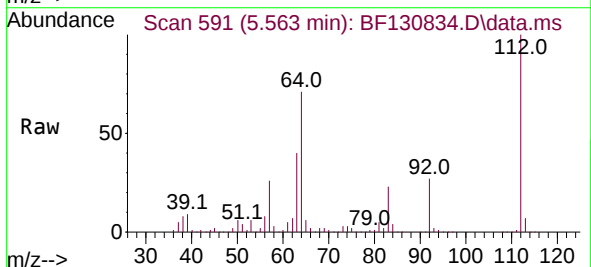
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:152 Resp: 107100
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.1 186.1
 115 65.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 102.304 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF130834.D
 Acq: 28 Oct 2022 20:58

Tgt Ion:112 Resp: 632020
 Ion Ratio Lower Upper
 112 100
 64 71.2 53.9 80.9
 63 39.9 29.4 44.2

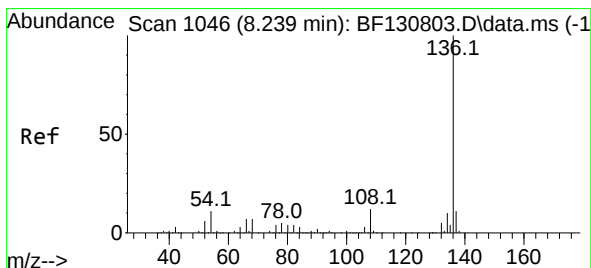
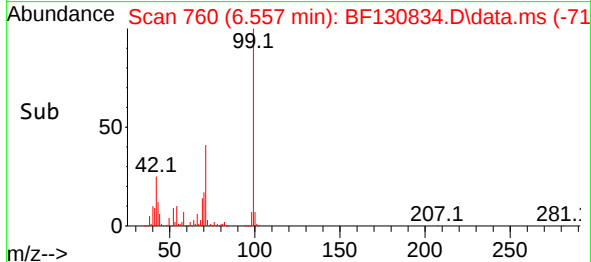
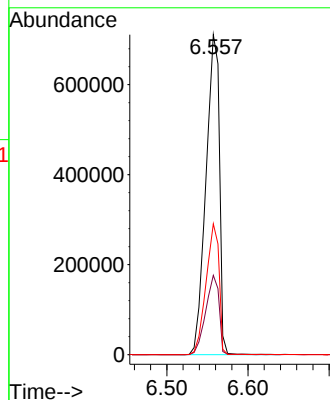
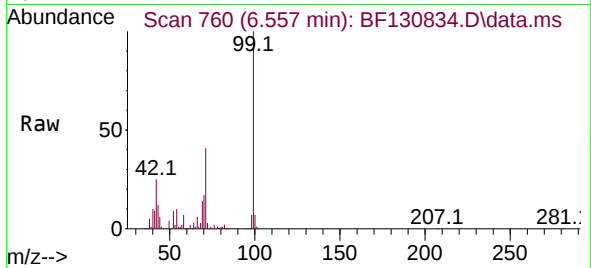




#7
Phenol-d6
Concen: 102.383 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

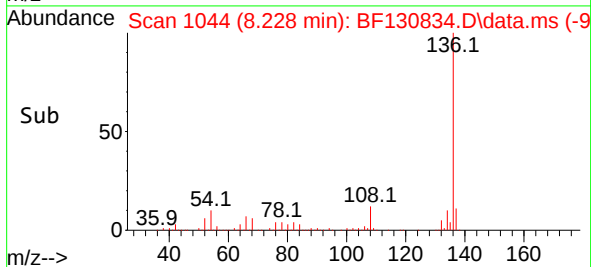
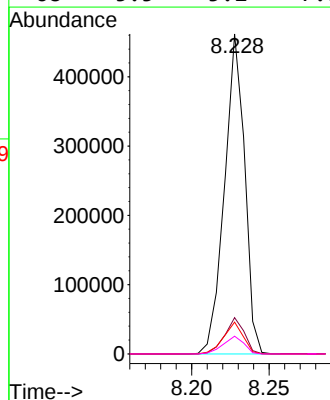
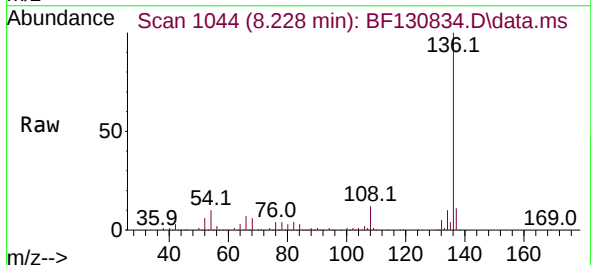
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 99 Resp: 821946
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 40.9 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion: 136 Resp: 419619
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.9 8.8 13.2
68 5.5 5.2 7.8

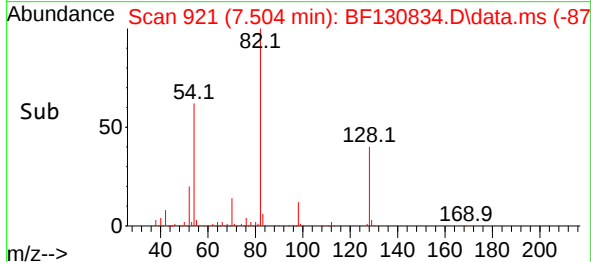
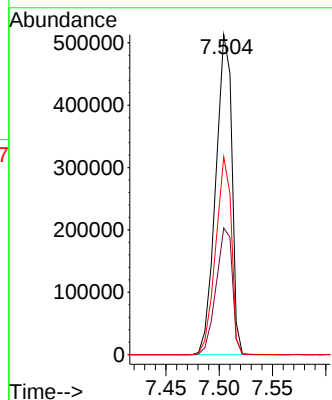
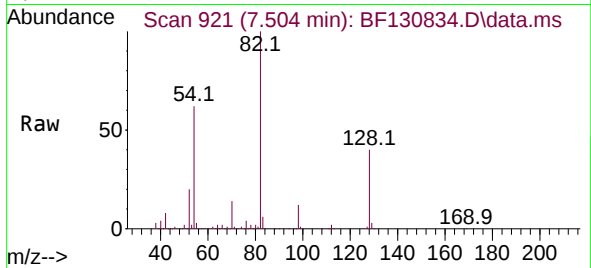




#23
Nitrobenzene-d5
Concen: 77.857 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

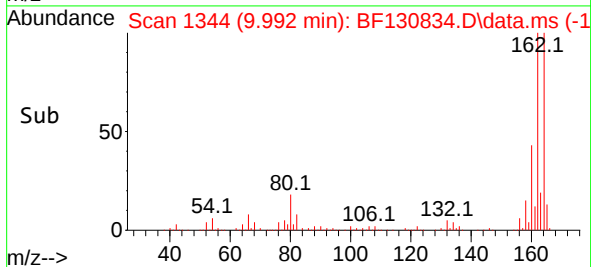
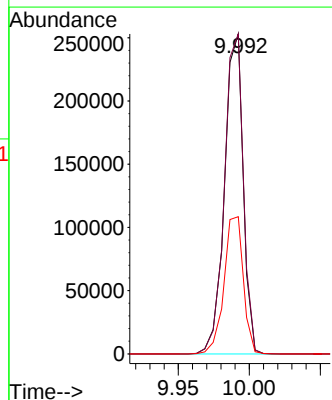
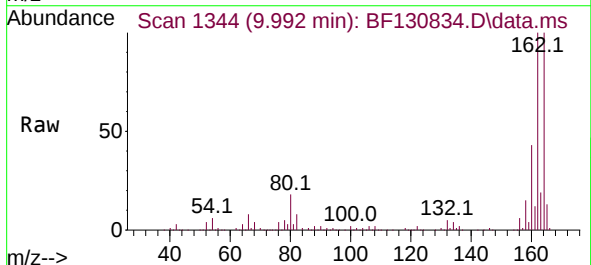
Instrument :
BNA_F
ClientSampleId :
SB-2

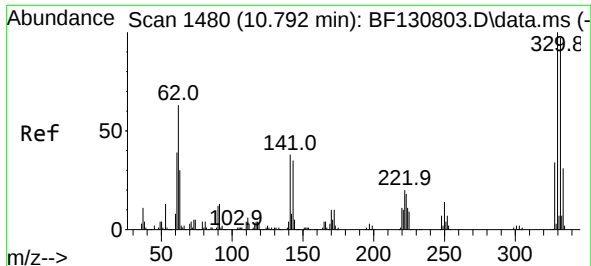
Tgt Ion: 82 Resp: 541806
Ion Ratio Lower Upper
82 100
128 39.6 31.2 46.8
54 61.8 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion:164 Resp: 231087
Ion Ratio Lower Upper
164 100
162 100.0 82.2 123.2
160 42.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 107.518 ng

RT: 10.780 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF130834.D

Acq: 28 Oct 2022 20:58

Instrument :

BNA_F

ClientSampleId :

SB-2

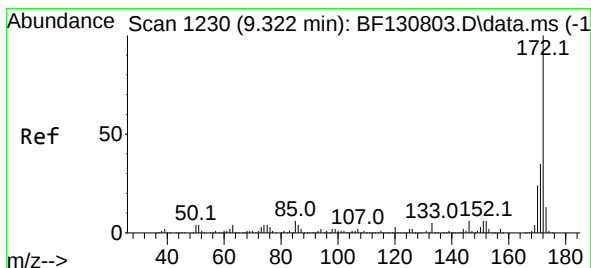
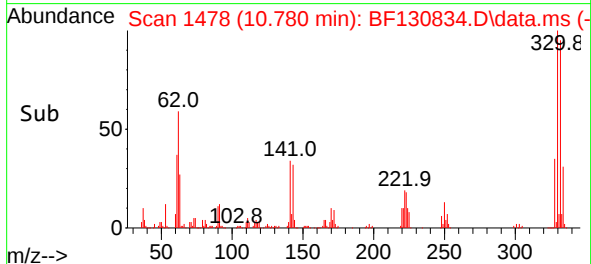
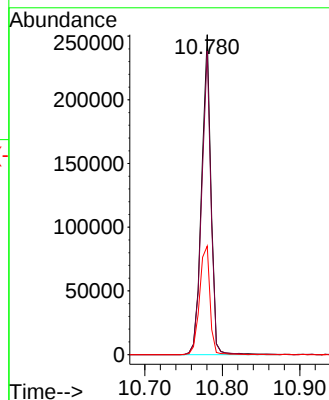
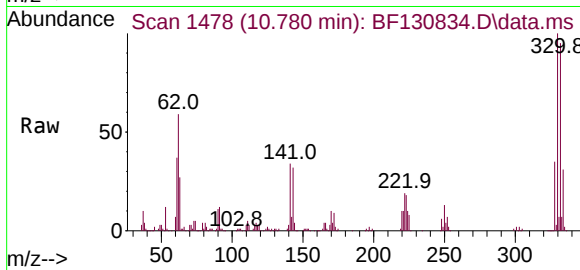
Tgt Ion:330 Resp: 209153

Ion Ratio Lower Upper

330 100

332 94.6 76.2 114.4

141 37.8 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 66.148 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130834.D

Acq: 28 Oct 2022 20:58

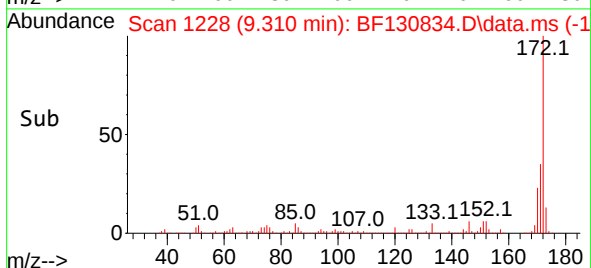
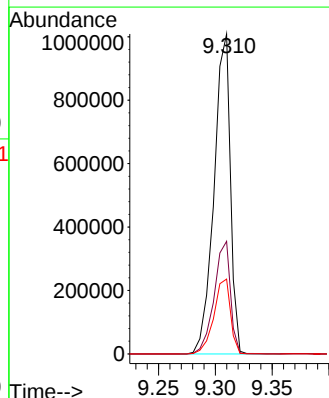
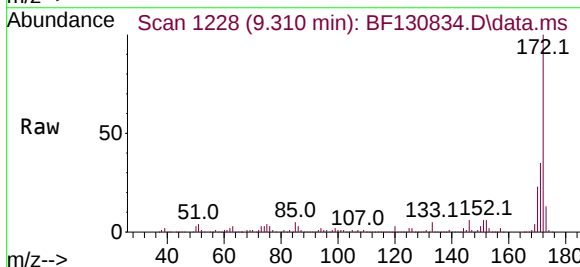
Tgt Ion:172 Resp: 1011046

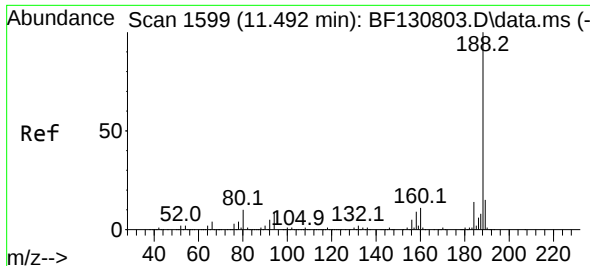
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.4 19.0 28.4

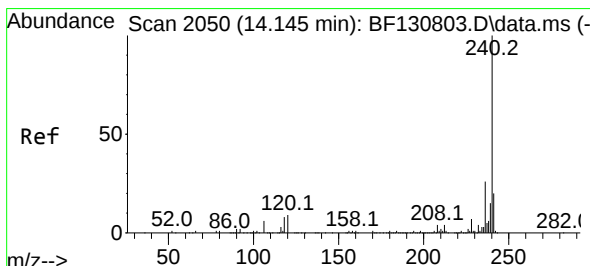
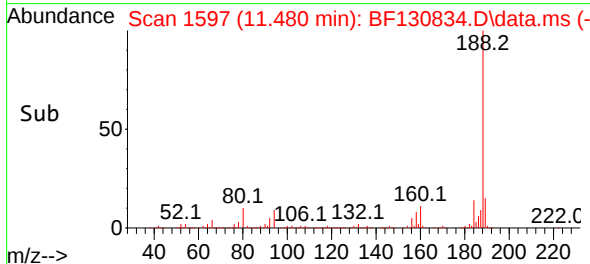
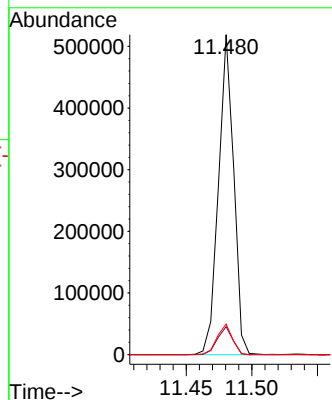
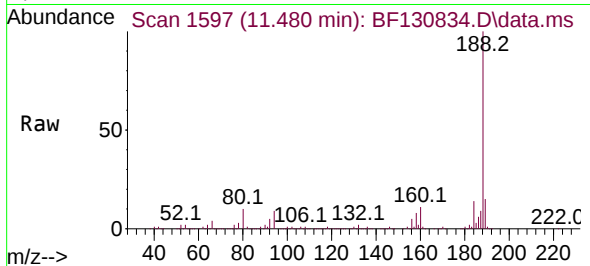




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

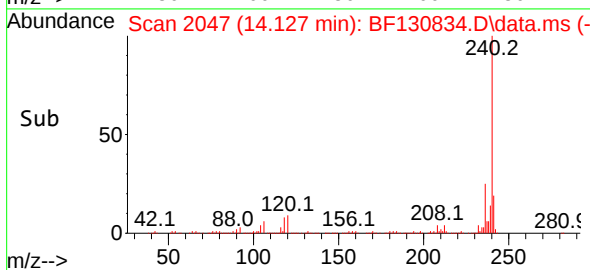
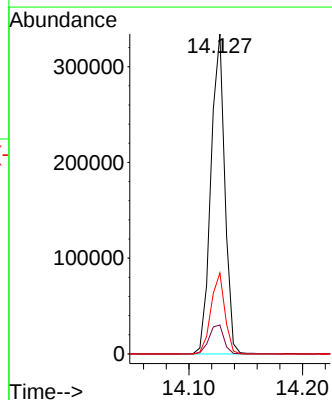
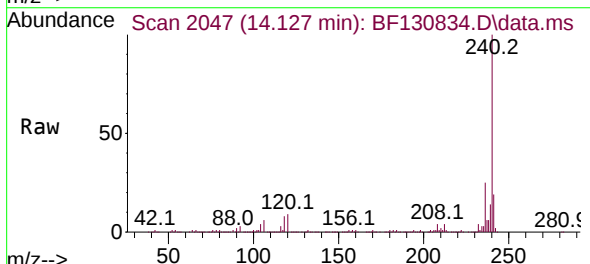
Instrument :
BNA_F
ClientSampleId :
SB-2

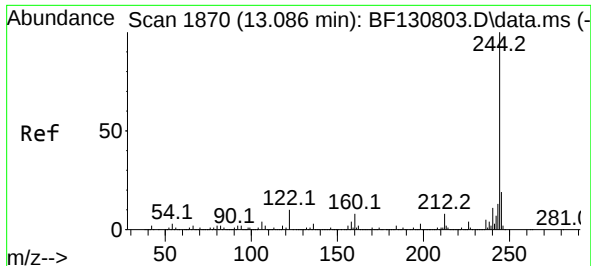
Tgt Ion:188 Resp: 419714
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130834.D
Acq: 28 Oct 2022 20:58

Tgt Ion:240 Resp: 284185
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 25.3 20.5 30.7

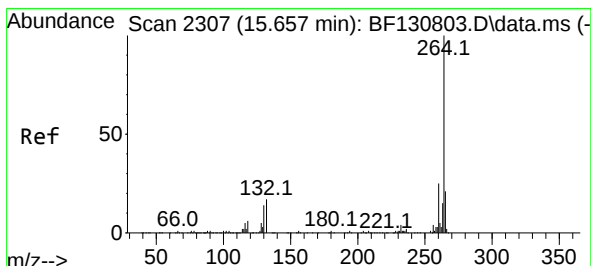
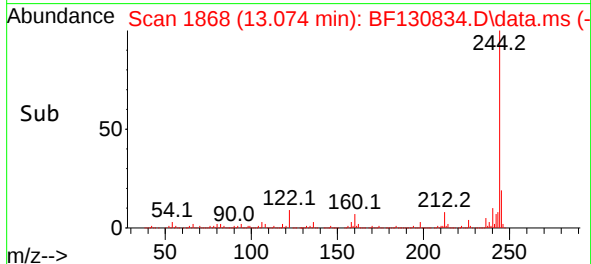
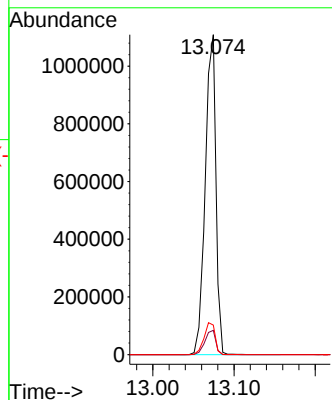
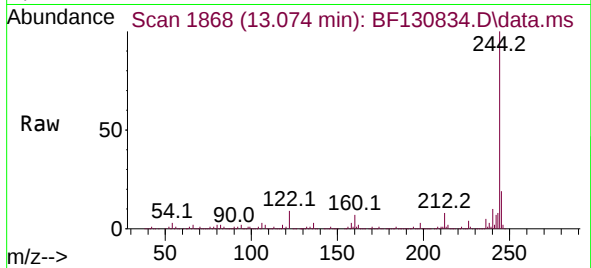




#79
 Terphenyl-d14
 Concen: 65.360 ng
 RT: 13.074 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130834.D
 Acq: 28 Oct 2022 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 1013629
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.2 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130834.D
 Acq: 28 Oct 2022 20:58

Tgt Ion:264 Resp: 205459
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.9 29.9
 265 22.5 17.0 25.6

