

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130831.D
 Acq On : 28 Oct 2022 19:25
 Operator : CG\JU
 Sample : N5281-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

Quant Time: Oct 29 05:45:17 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	97239	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	374080	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	205116	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	361974	20.000	ng	0.00
76) Chrysene-d12	14.127	240	240680	20.000	ng	0.00
86) Perylene-d12	15.639	264	177292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	568620	101.376	ng	0.00
7) Phenol-d6	6.557	99	728010	99.879	ng	0.00
23) Nitrobenzene-d5	7.504	82	454500	73.262	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	186976	108.287	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	890363	65.627	ng	0.00
79) Terphenyl-d14	13.074	244	867510	66.049	ng	0.00

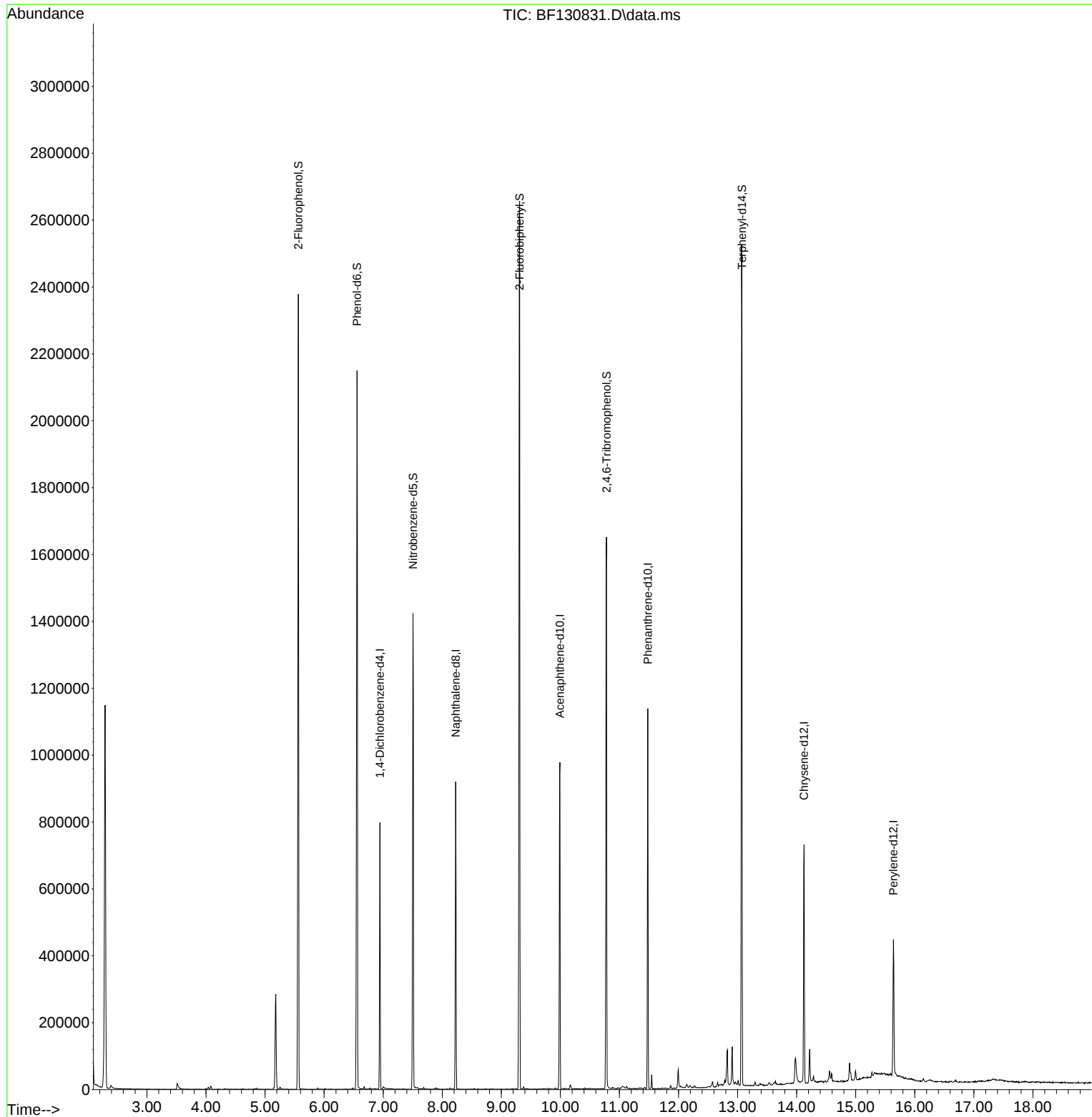
Target Compounds	Qvalue

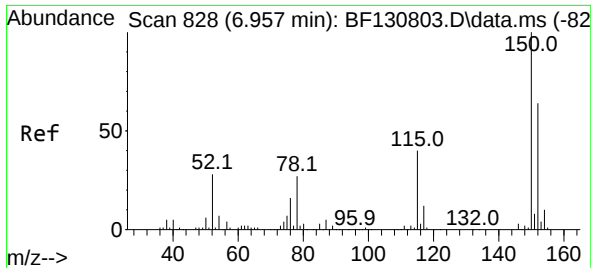
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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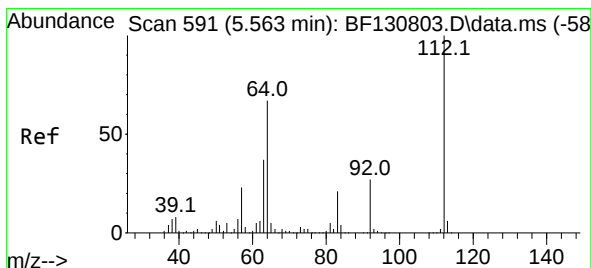
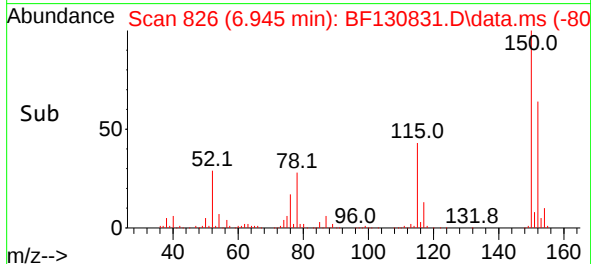
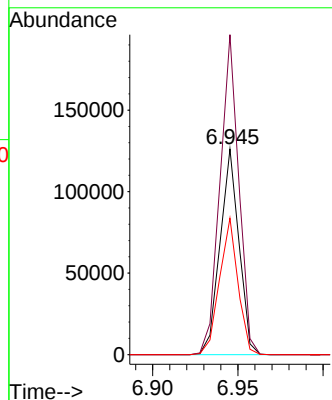
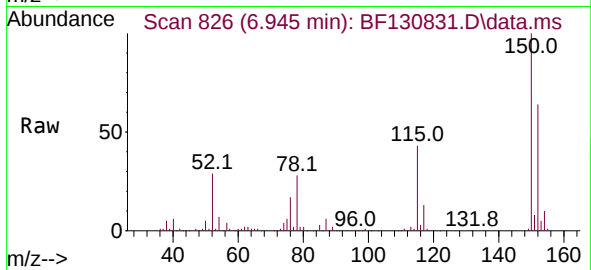




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

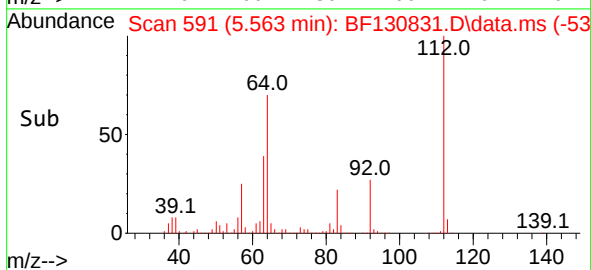
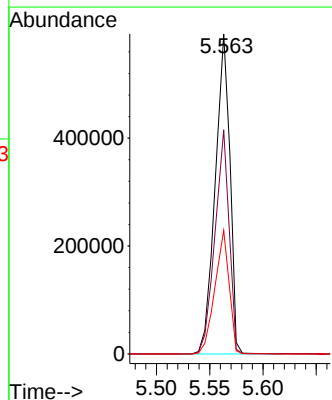
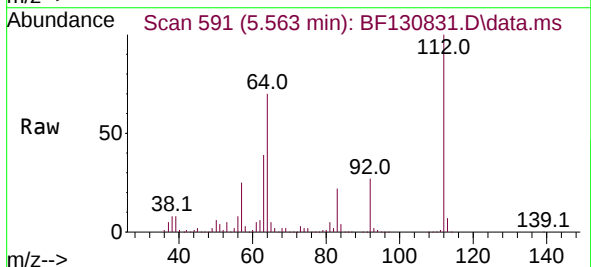
Instrument :
BNA_F
ClientSampleId :
SB-12

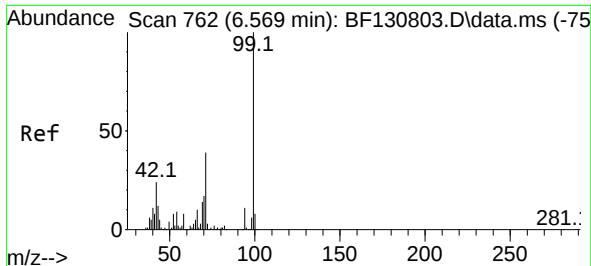
Tgt Ion:152 Resp: 97239
Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 66.3 50.1 75.1



#5
2-Fluorophenol
Concen: 101.376 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:112 Resp: 568620
Ion Ratio Lower Upper
112 100
64 70.0 53.9 80.9
63 38.6 29.4 44.2

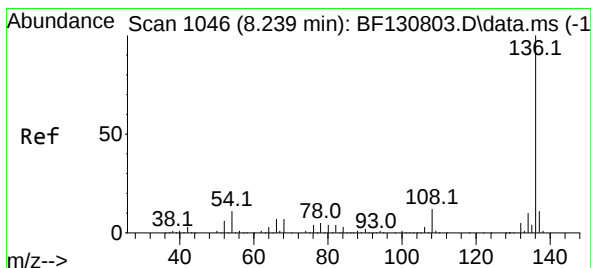
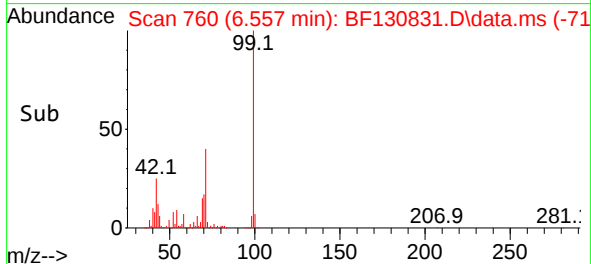
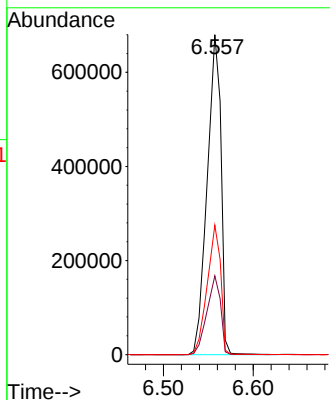
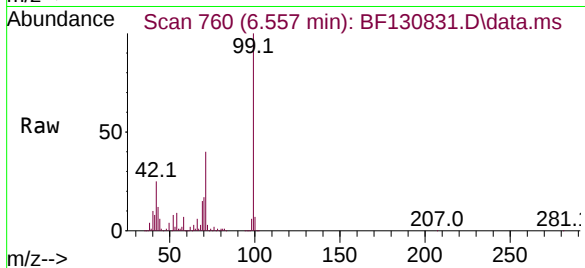




#7
Phenol-d6
Concen: 99.879 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

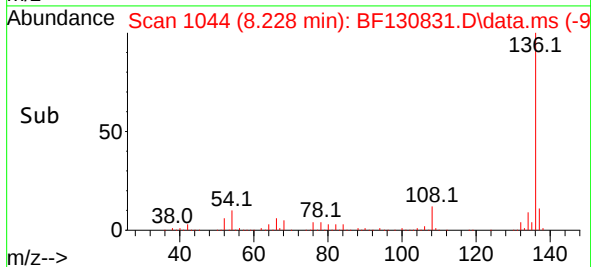
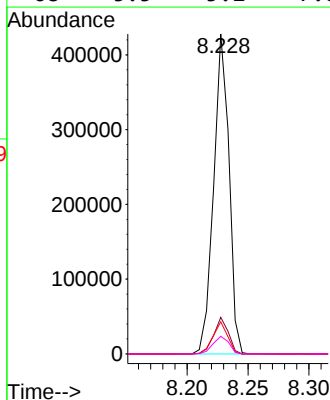
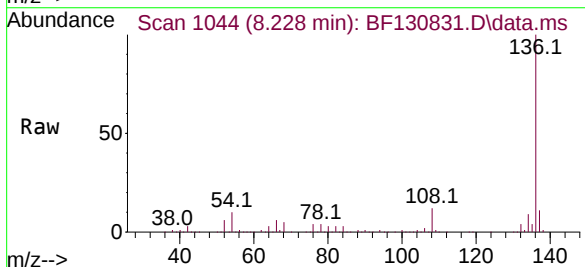
Instrument :
BNA_F
ClientSampleId :
SB-12

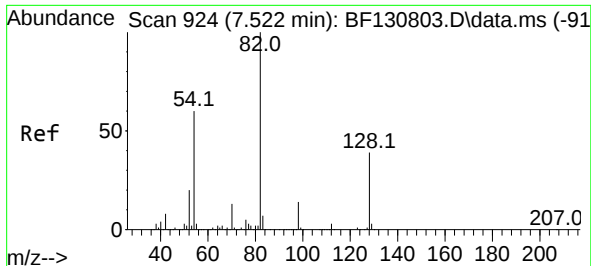
Tgt Ion: 99 Resp: 728010
Ion Ratio Lower Upper
99 100
42 24.6 18.8 28.2
71 40.4 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion: 136 Resp: 374080
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 10.0 8.8 13.2
68 5.5 5.2 7.8

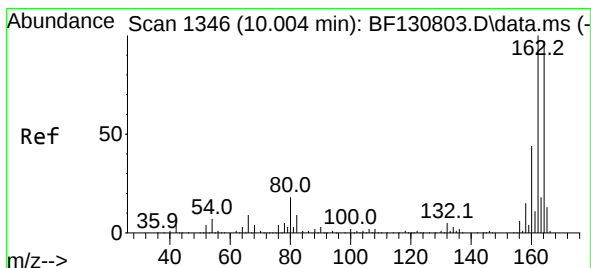
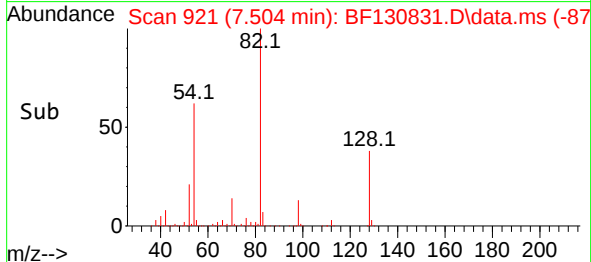
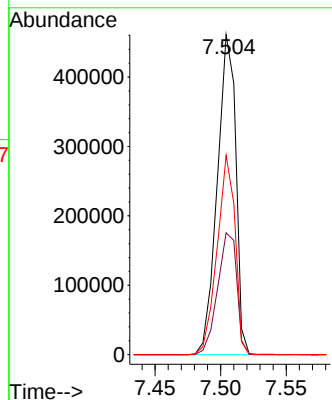
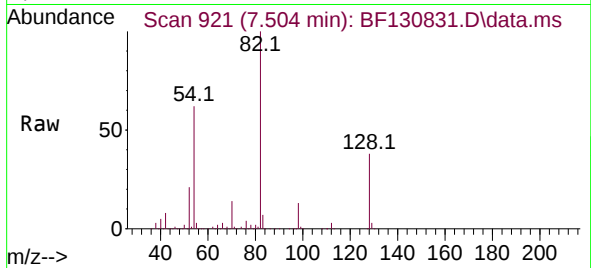




#23
Nitrobenzene-d5
Concen: 73.262 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

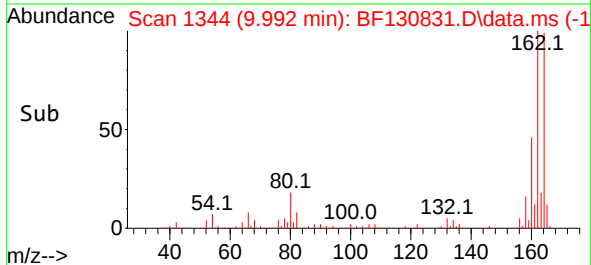
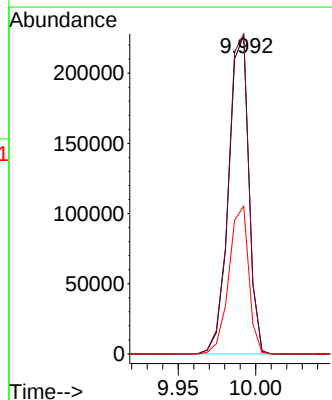
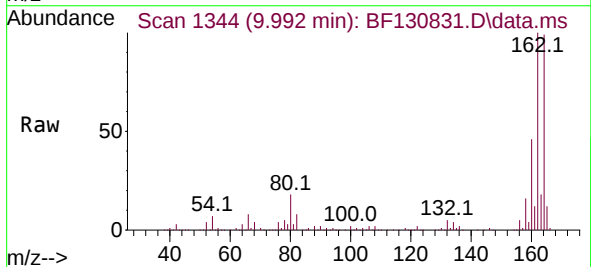
Instrument :
BNA_F
ClientSampleId :
SB-12

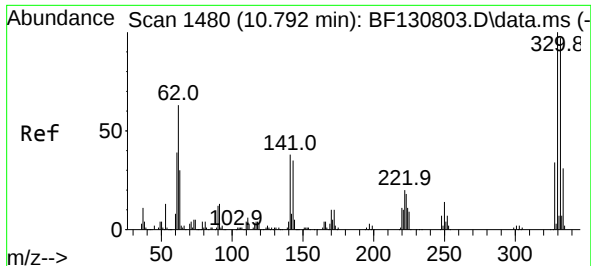
Tgt Ion: 82 Resp: 454500
Ion Ratio Lower Upper
82 100
128 38.1 31.2 46.8
54 62.2 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:164 Resp: 205116
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 46.4 36.6 54.8

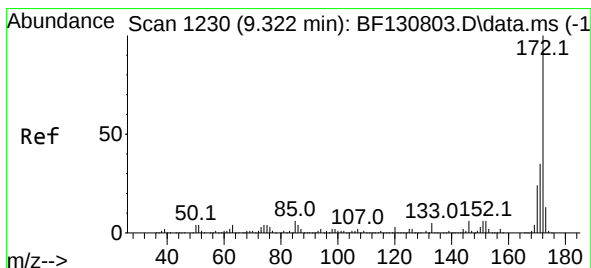
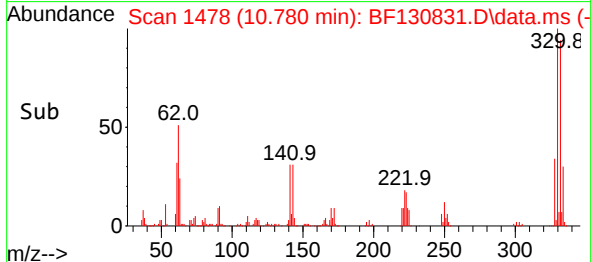
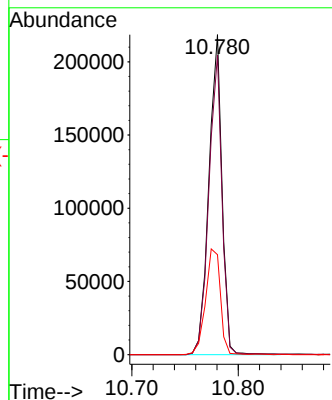
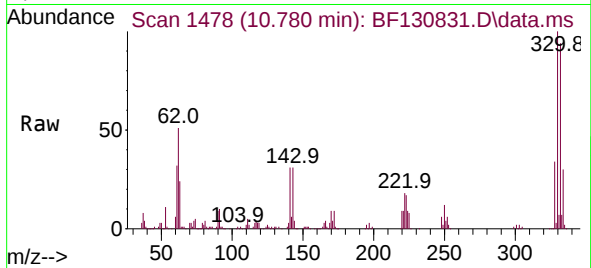




#42
2,4,6-Tribromophenol
Concen: 108.287 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

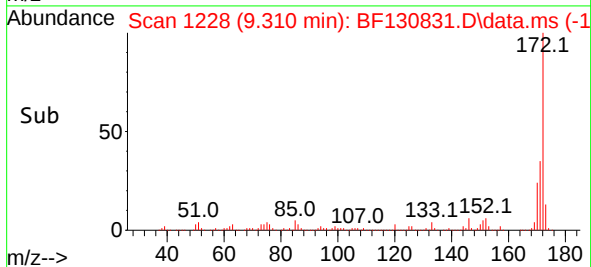
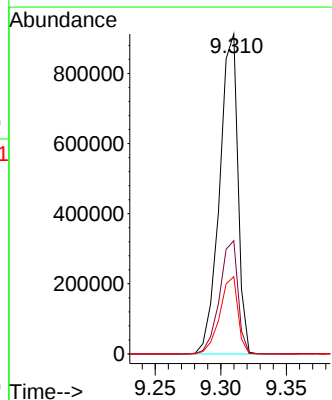
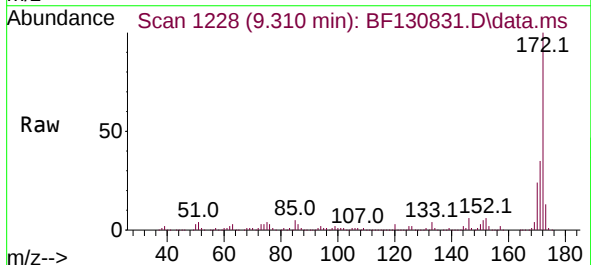
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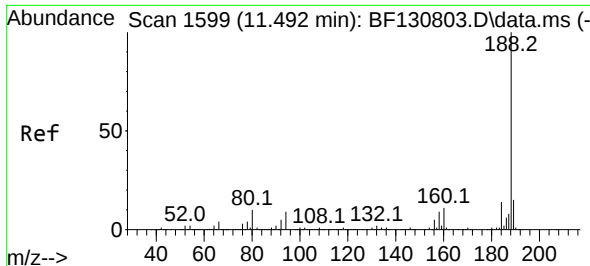
Tgt Ion:330 Resp: 186976
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 37.1 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 65.627 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:172 Resp: 890363
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.1 19.0 28.4

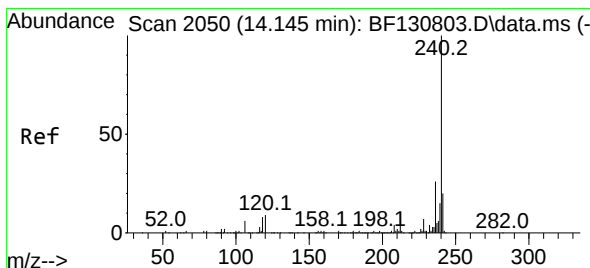
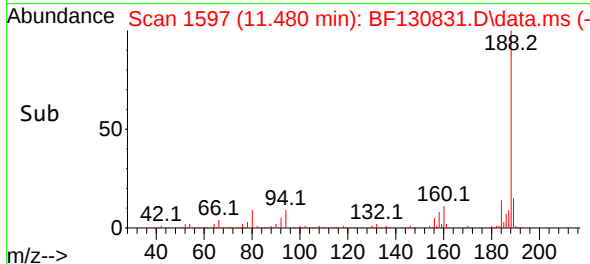
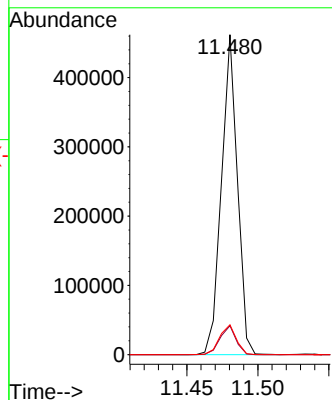
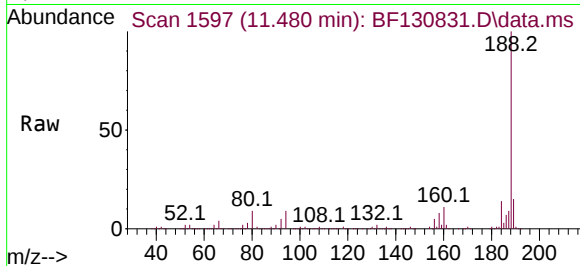




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

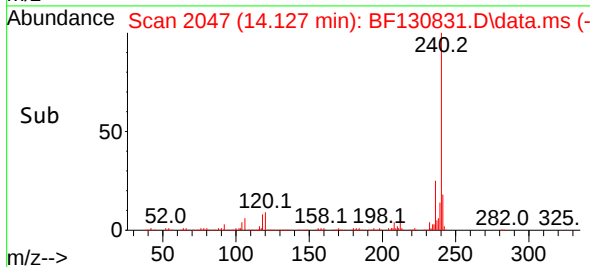
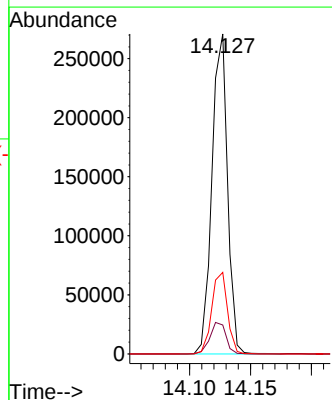
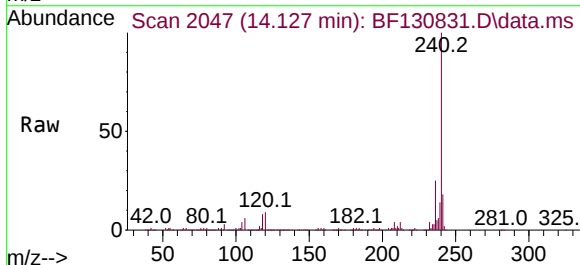
Instrument :
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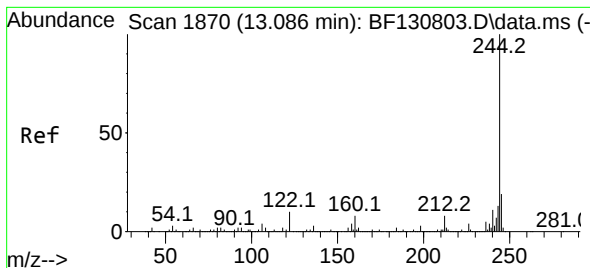
Tgt Ion:188 Resp: 361974
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130831.D
Acq: 28 Oct 2022 19:25

Tgt Ion:240 Resp: 240680
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 66.049 ng

RT: 13.074 min Scan# 1868

Delta R.T. -0.000 min

Lab File: BF130831.D

Acq: 28 Oct 2022 19:25

Instrument :

BNA_F

ClientSampleId :

SB-12

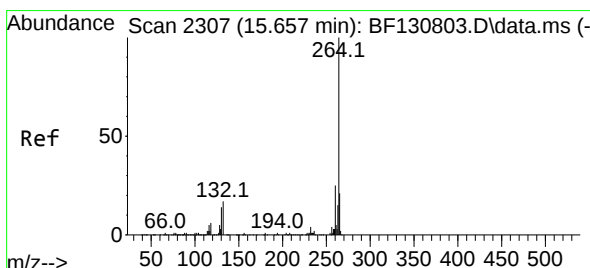
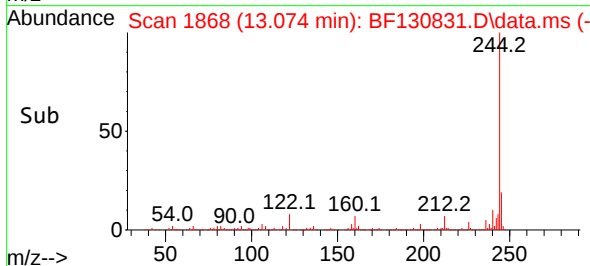
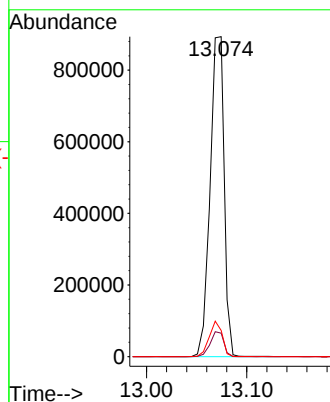
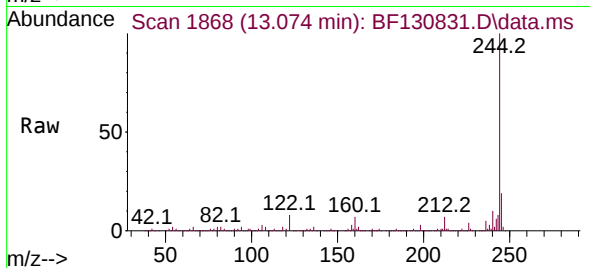
Tgt Ion:244 Resp: 867510

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 8.2 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: BF130831.D

Acq: 28 Oct 2022 19:25

Tgt Ion:264 Resp: 177292

Ion Ratio Lower Upper

264 100

260 24.1 19.9 29.9

265 21.7 17.0 25.6

