

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130838.D
 Acq On : 28 Oct 2022 22:59
 Operator : CG\JU
 Sample : N5281-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Quant Time: Oct 29 05:47:15 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	108205	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	418460	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	230348	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	419960	20.000	ng	0.00
76) Chrysene-d12	14.127	240	290819	20.000	ng	0.00
86) Perylene-d12	15.639	264	209678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	605356	96.987	ng	0.00
7) Phenol-d6	6.557	99	777225	95.824	ng	0.00
23) Nitrobenzene-d5	7.504	82	500894	72.177	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	200917	103.615	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	922377	60.540	ng	0.00
79) Terphenyl-d14	13.075	244	964735	60.788	ng	0.00

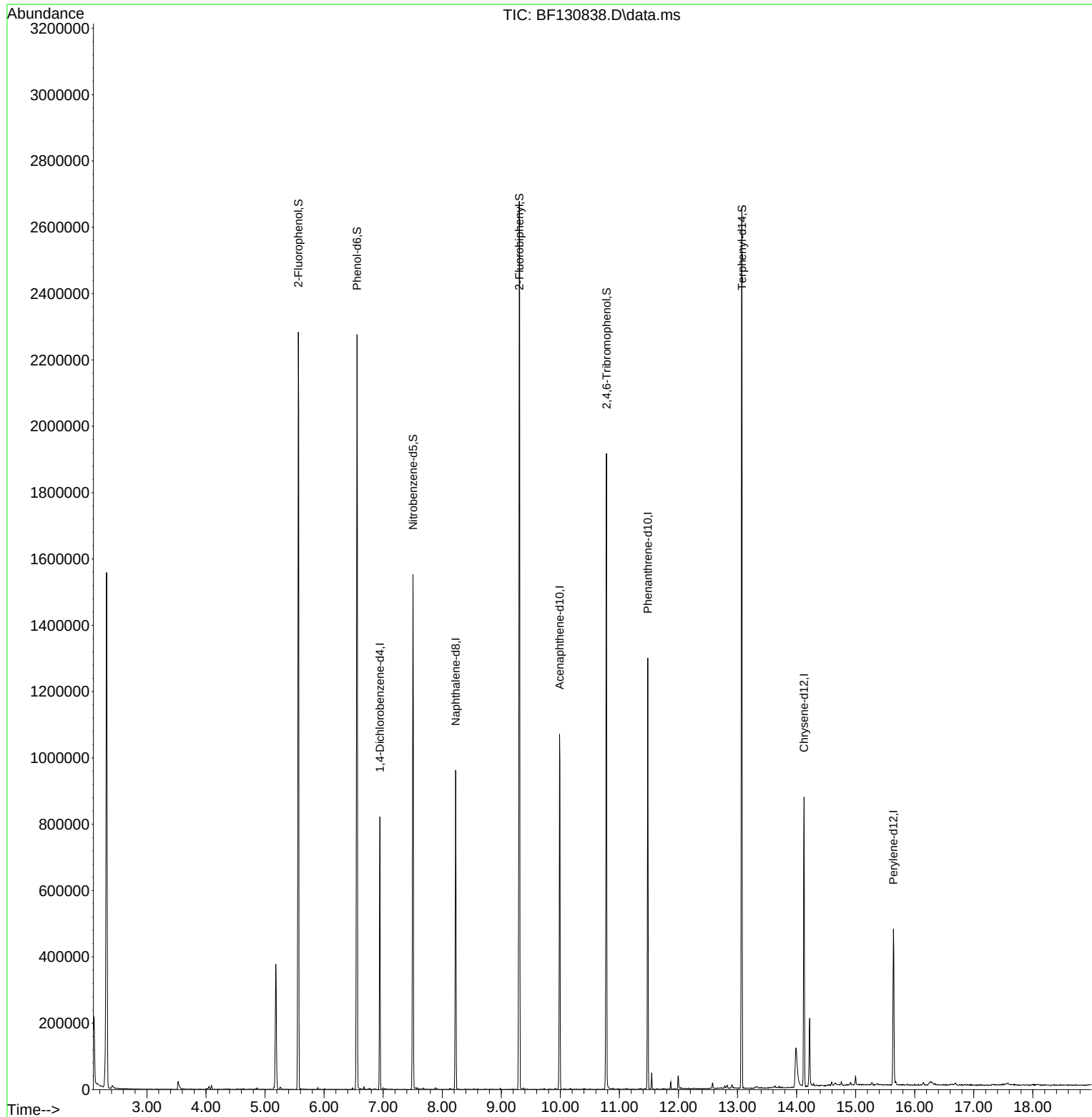
Target Compounds	Qvalue

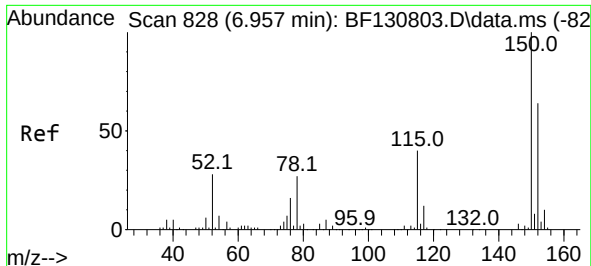
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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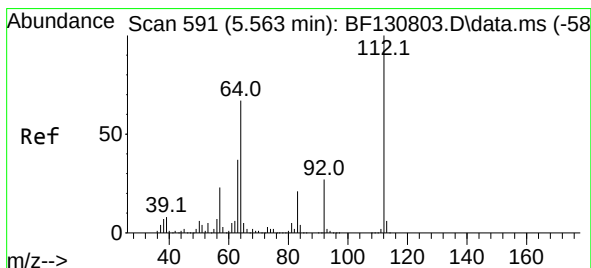
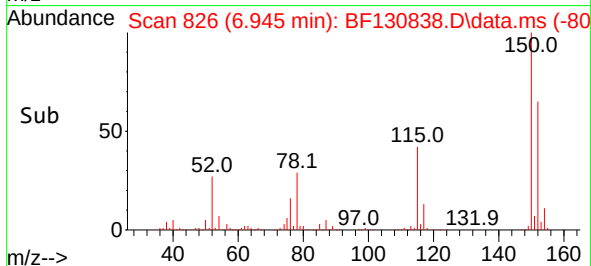
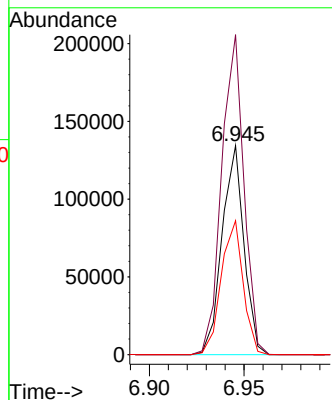
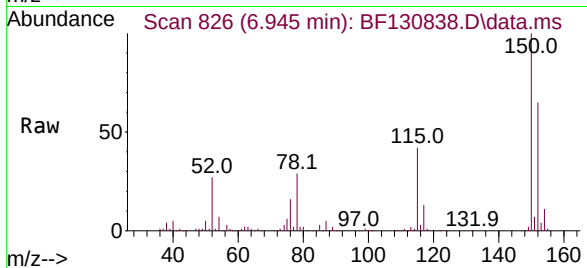




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

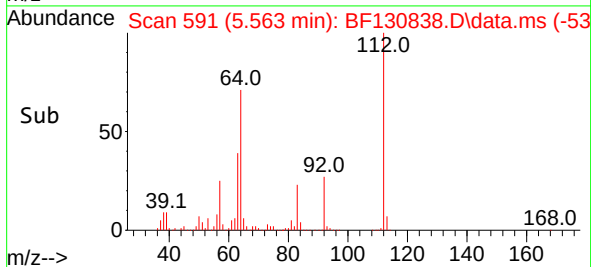
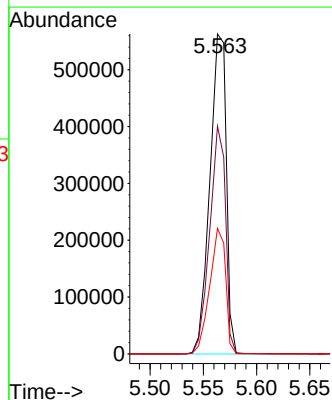
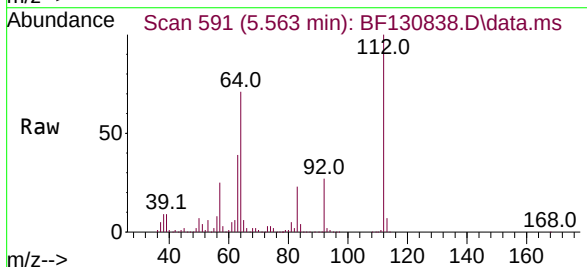
Instrument :
BNA_F
ClientSampleId :
SB-5S

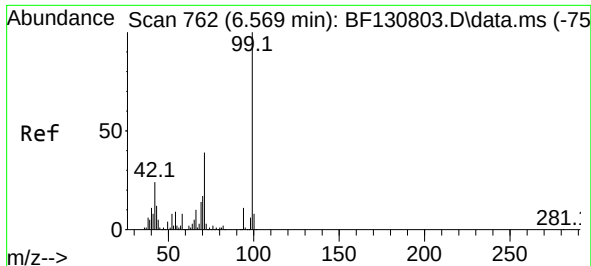
Tgt Ion:152 Resp: 108205
Ion Ratio Lower Upper
152 100
150 153.1 124.1 186.1
115 64.0 50.1 75.1



#5
2-Fluorophenol
Concen: 96.987 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion:112 Resp: 605356
Ion Ratio Lower Upper
112 100
64 71.2 53.9 80.9
63 39.2 29.4 44.2

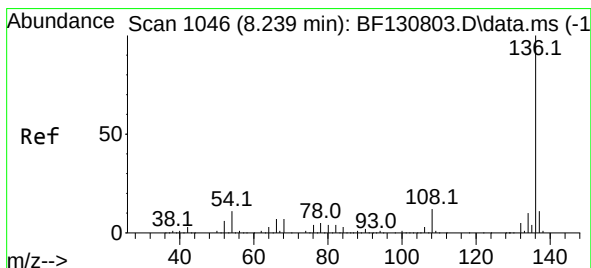
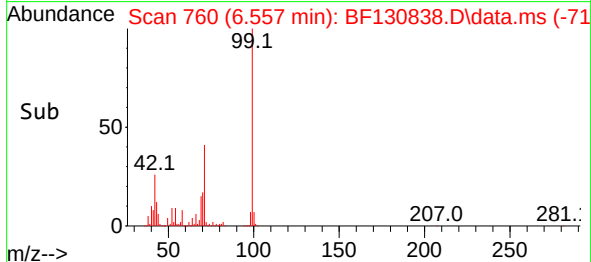
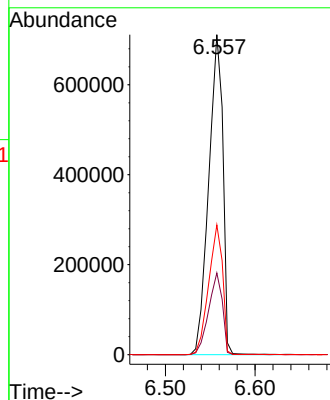
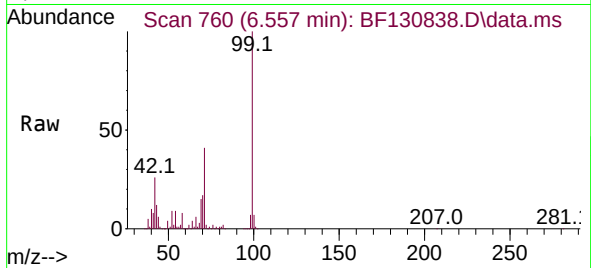




#7
Phenol-d6
Concen: 95.824 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

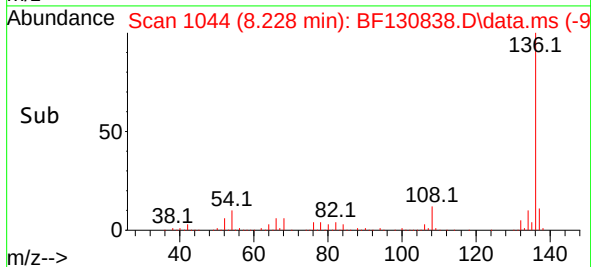
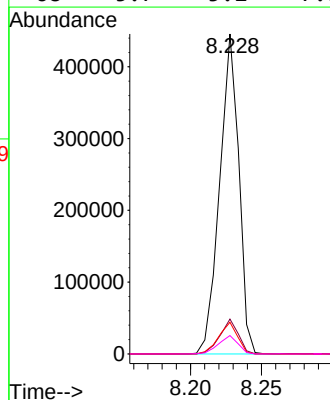
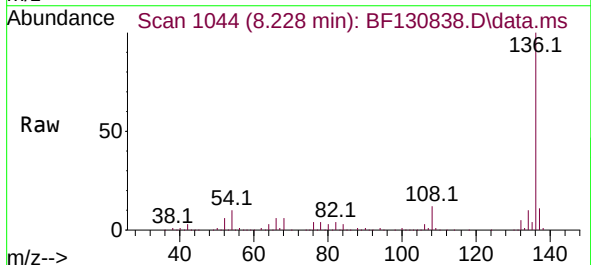
Instrument :
BNA_F
ClientSampleId :
SB-5S

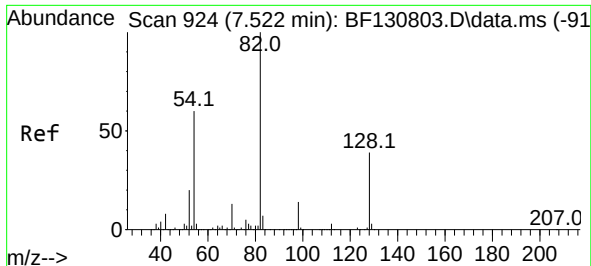
Tgt Ion: 99 Resp: 777225
Ion Ratio Lower Upper
99 100
42 25.5 18.8 28.2
71 40.5 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion: 136 Resp: 418460
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 9.9 8.8 13.2
68 5.7 5.2 7.8

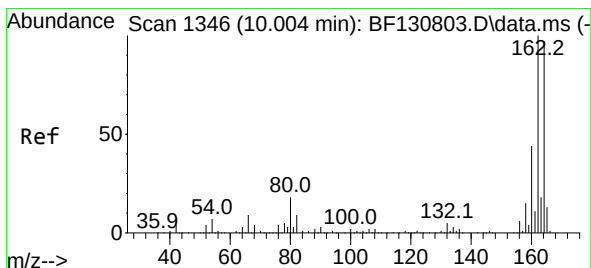
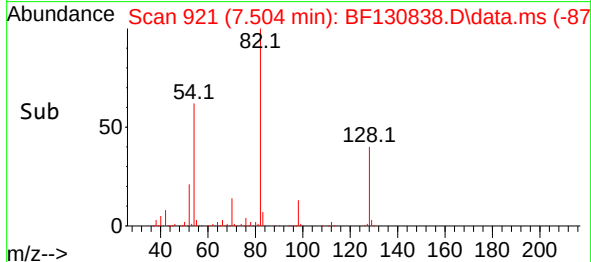
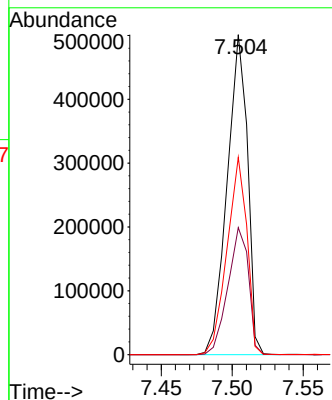
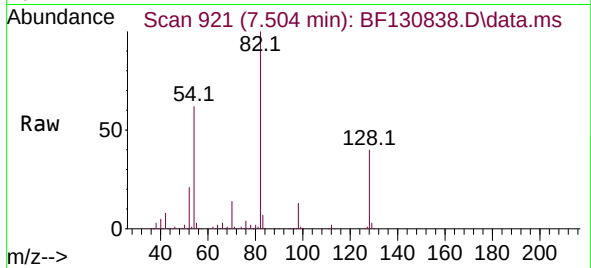




#23
Nitrobenzene-d5
Concen: 72.177 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

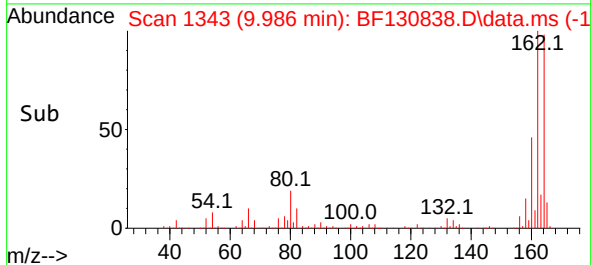
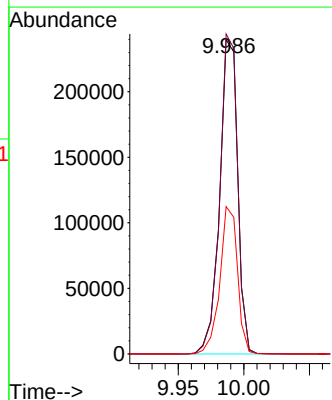
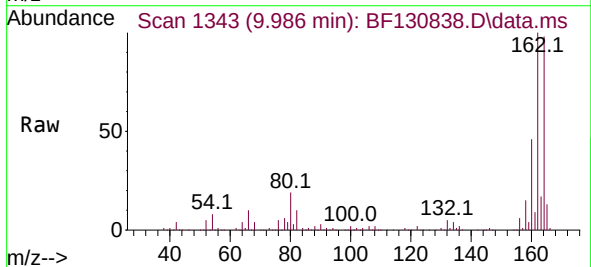
Instrument :
BNA_F
ClientSampleId :
SB-5S

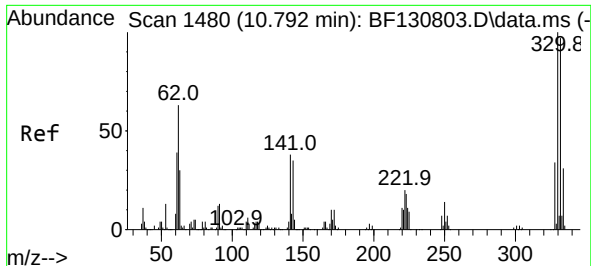
Tgt Ion: 82 Resp: 500894
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 61.6 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion:164 Resp: 230348
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 46.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 103.615 ng

RT: 10.781 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF130838.D

Acq: 28 Oct 2022 22:59

Instrument :

BNA_F

ClientSampleId :

SB-5S

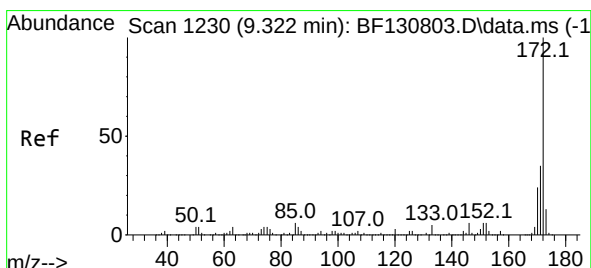
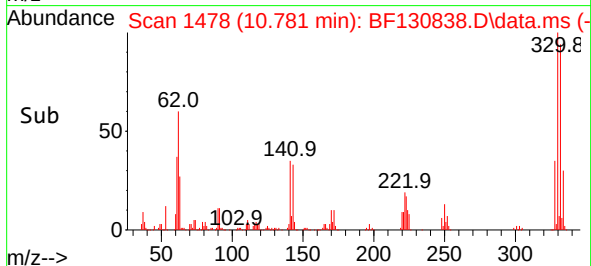
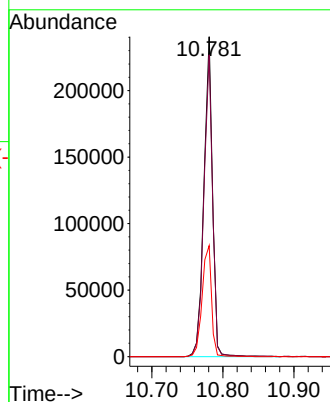
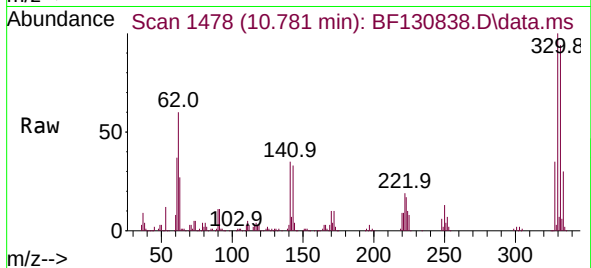
Tgt Ion:330 Resp: 200917

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 38.0 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 60.540 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130838.D

Acq: 28 Oct 2022 22:59

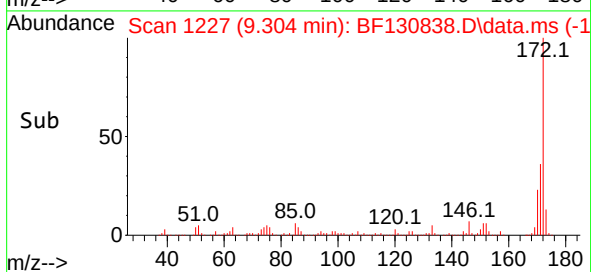
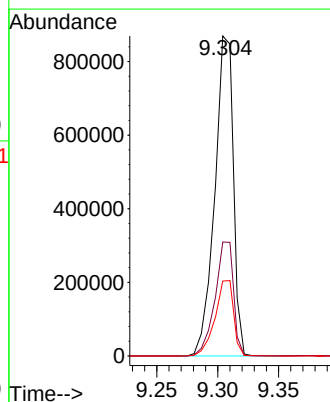
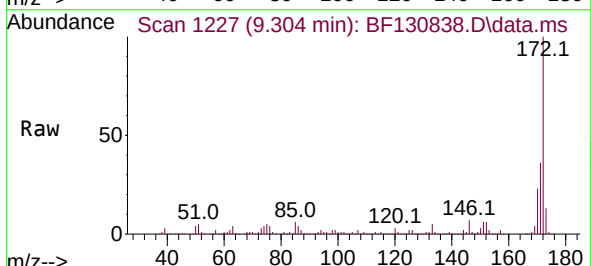
Tgt Ion:172 Resp: 922377

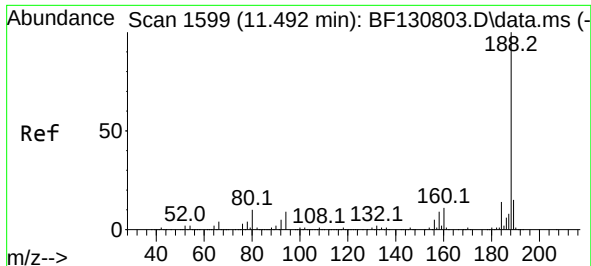
Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.4 19.0 28.4

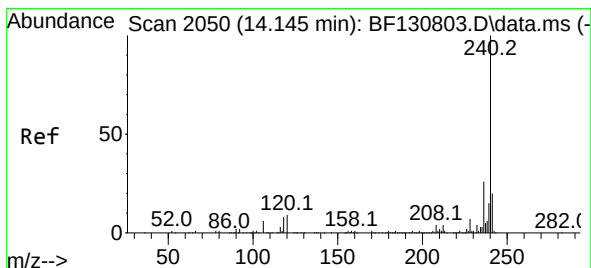
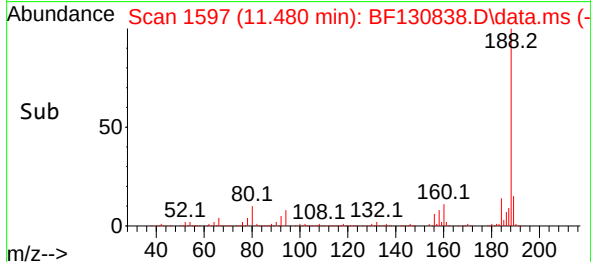
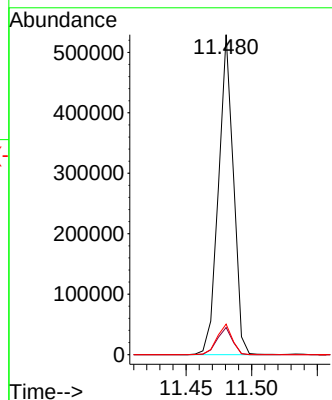
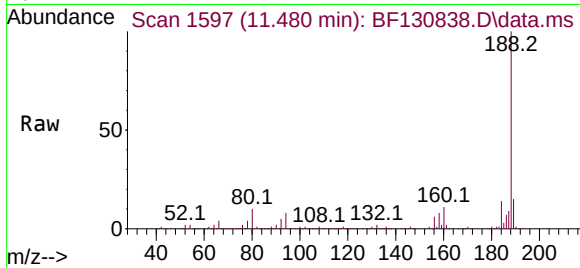




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

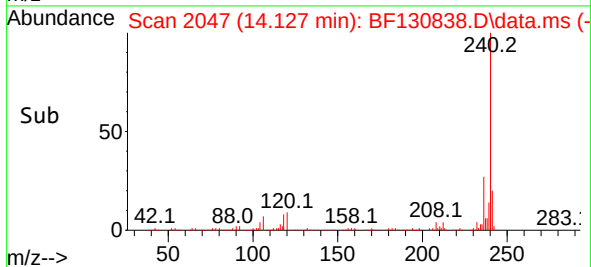
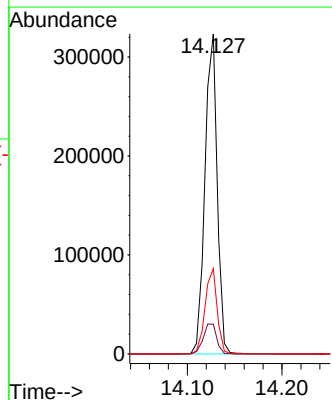
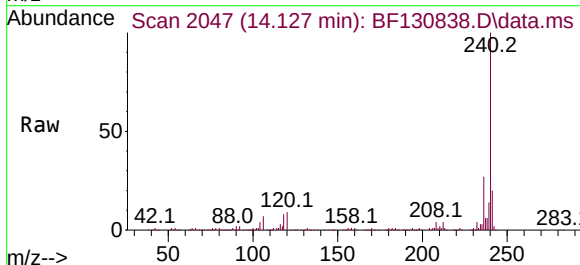
Instrument :
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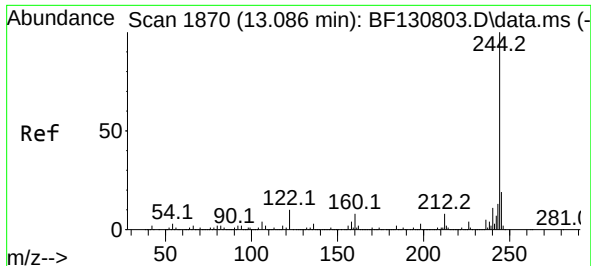
Tgt Ion:188 Resp: 419960
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130838.D
Acq: 28 Oct 2022 22:59

Tgt Ion:240 Resp: 290819
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 26.6 20.5 30.7

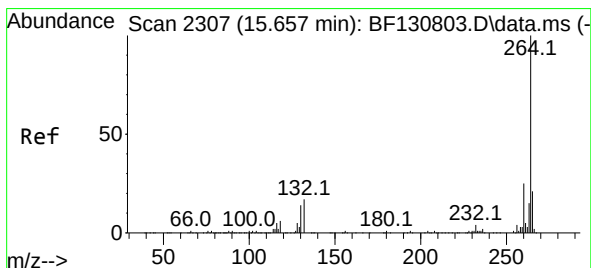
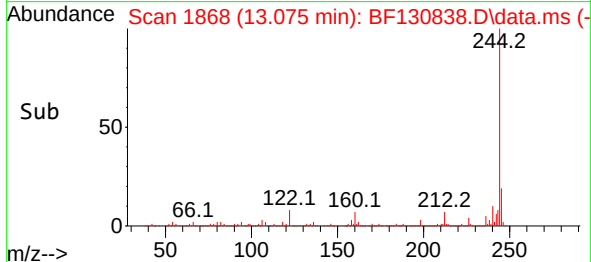
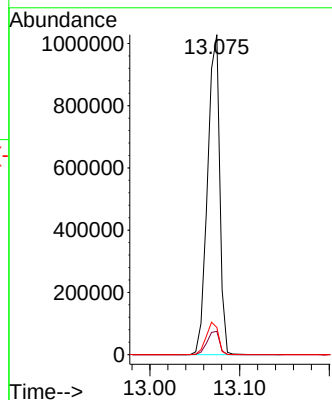
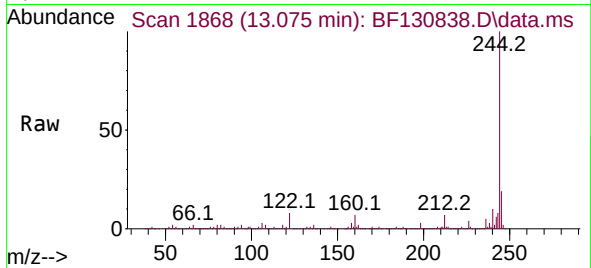




#79
 Terphenyl-d14
 Concen: 60.788 ng
 RT: 13.075 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130838.D
 Acq: 28 Oct 2022 22:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Tgt Ion:244 Resp: 964735
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.5 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: BF130838.D
 Acq: 28 Oct 2022 22:59

Tgt Ion:264 Resp: 209678
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 21.5 17.0 25.6

