

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130843.D
 Acq On : 29 Oct 2022 01:29
 Operator : CG\JU
 Sample : N5284-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-WC

Quant Time: Oct 29 05:48:15 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)

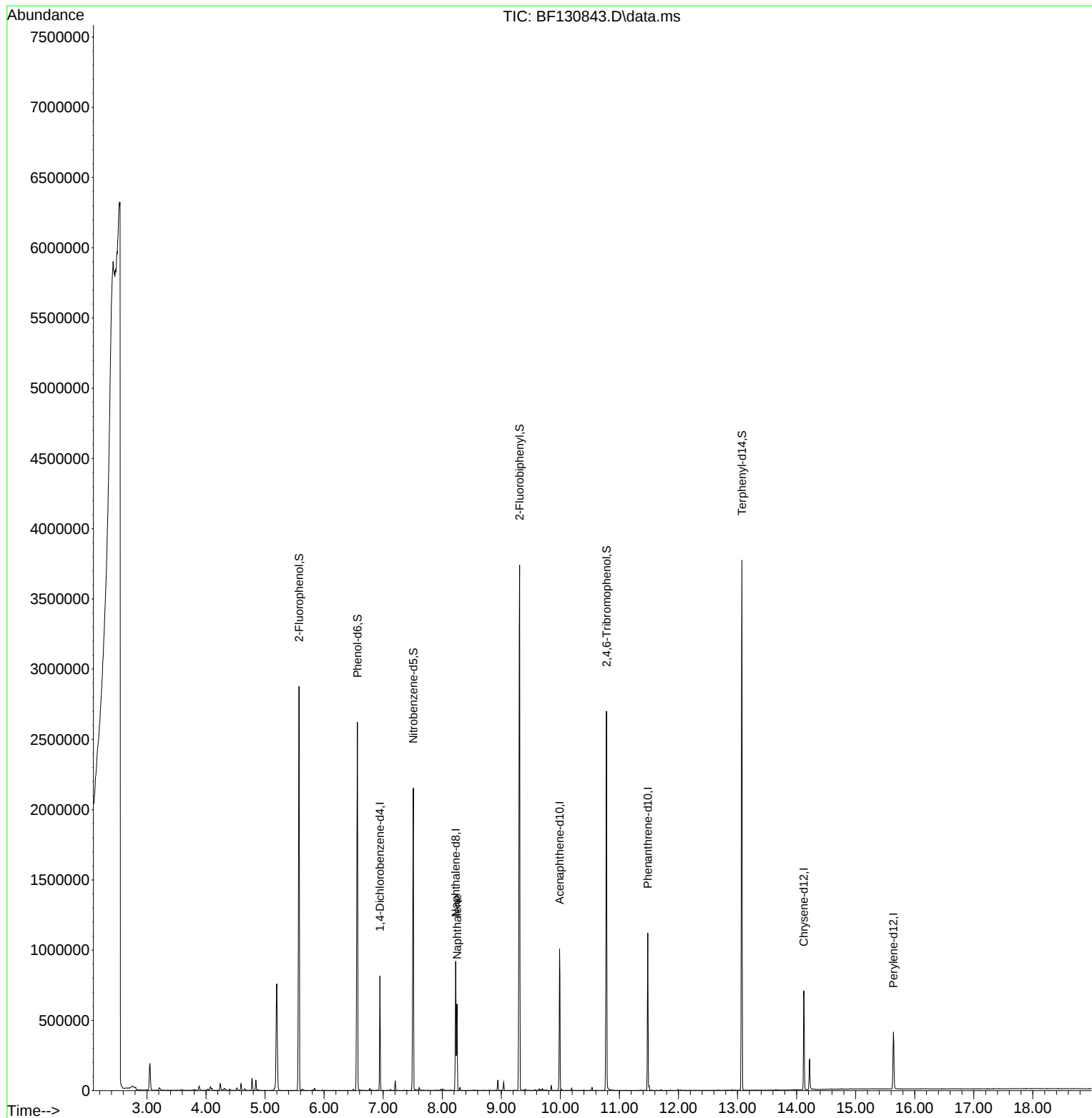
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	97941	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	371161	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	202246	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	362334	20.000	ng	0.00
76) Chrysene-d12	14.121	240	235907	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	183631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	753303	133.339	ng	0.02
7) Phenol-d6	6.563	99	898546	122.392	ng	0.00
23) Nitrobenzene-d5	7.510	82	681985	110.795	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	285093	167.455	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1252687	93.644	ng	0.00
79) Terphenyl-d14	13.075	244	1271630	98.776	ng	0.00
Target Compounds						
31) Naphthalene	8.251	128	253371	13.084	ng	Qvalue 99

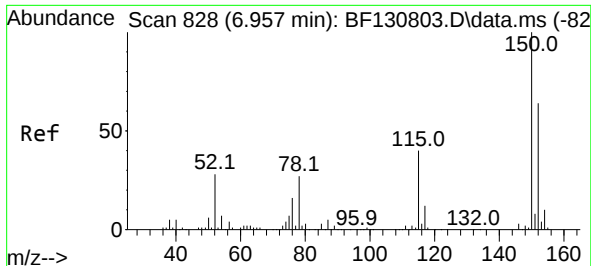
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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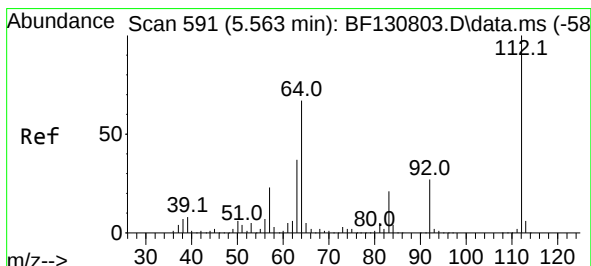
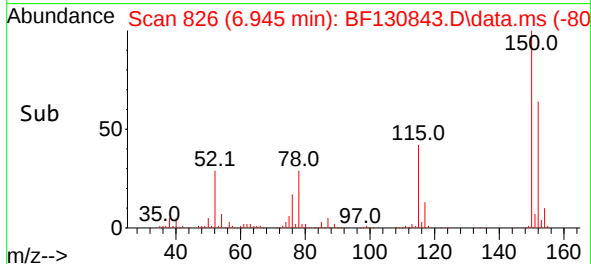
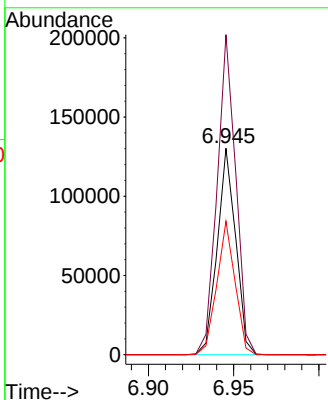
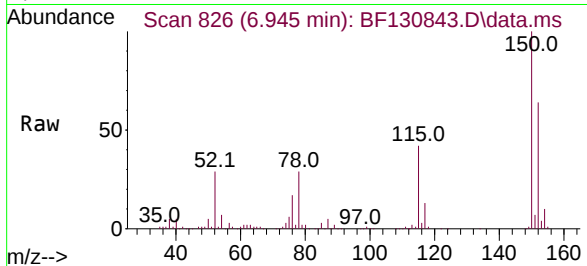




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

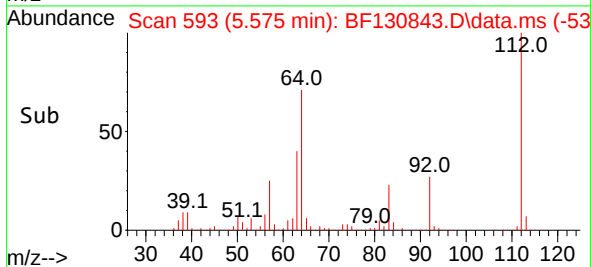
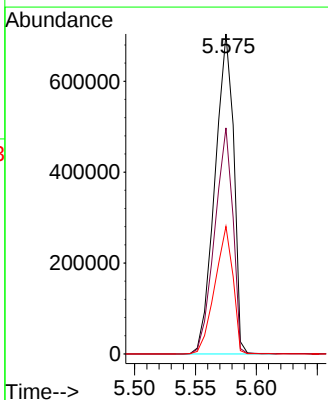
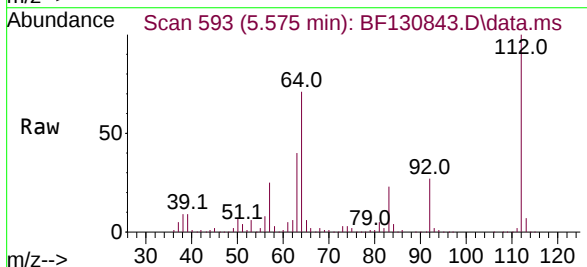
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

Tgt Ion:152 Resp: 97941
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 64.6 50.1 75.1



#5
2-Fluorophenol
Concen: 133.339 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:112 Resp: 753303
Ion Ratio Lower Upper
112 100
64 70.6 53.9 80.9
63 39.8 29.4 44.2

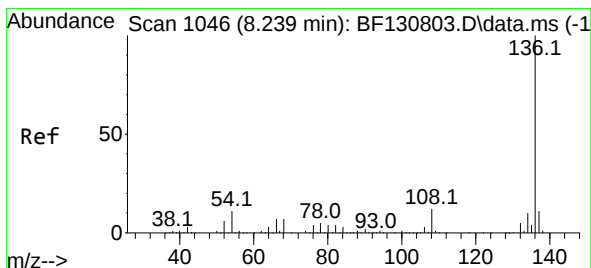
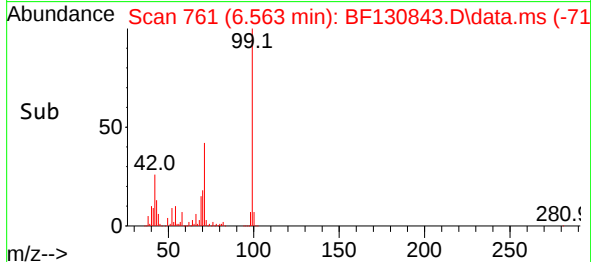
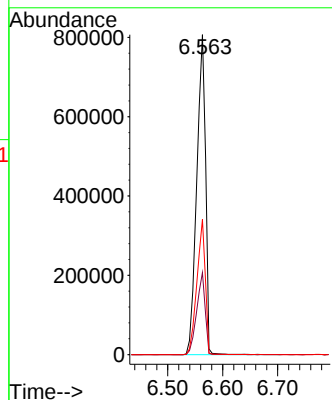
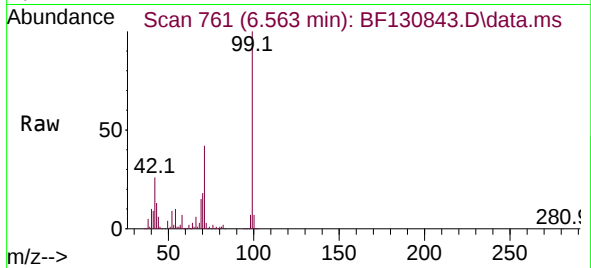




#7
Phenol-d6
Concen: 122.392 ng
RT: 6.563 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

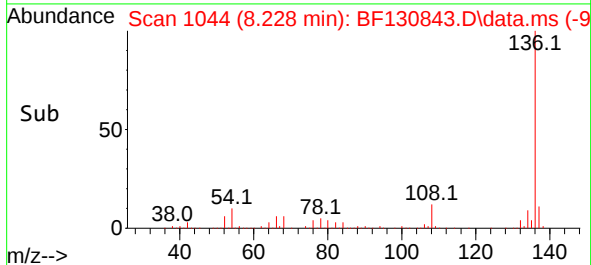
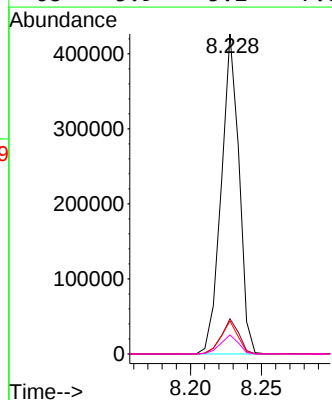
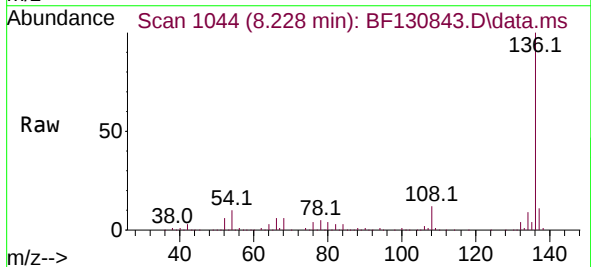
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

Tgt Ion: 99 Resp: 898546
Ion Ratio Lower Upper
99 100
42 25.6 18.8 28.2
71 42.2 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: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 136 Resp: 371161
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 10.3 8.8 13.2
68 5.9 5.2 7.8

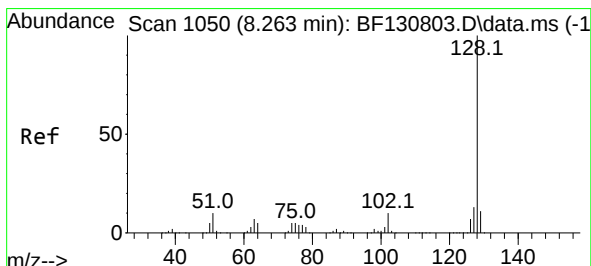
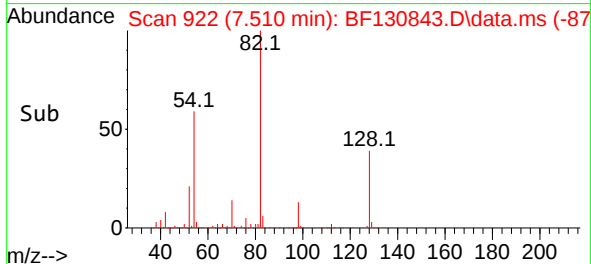
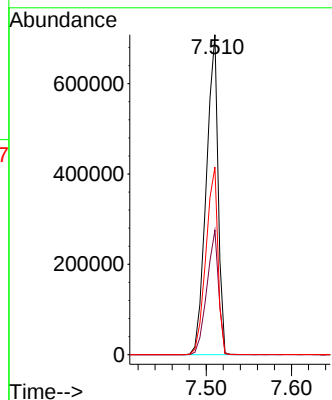
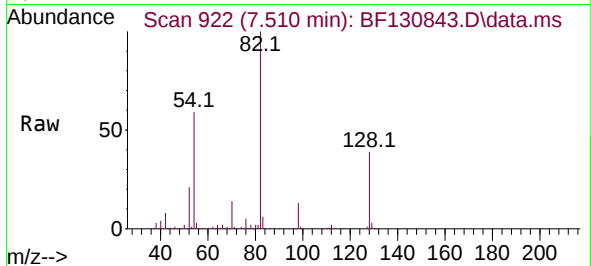




#23
Nitrobenzene-d5
Concen: 110.795 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

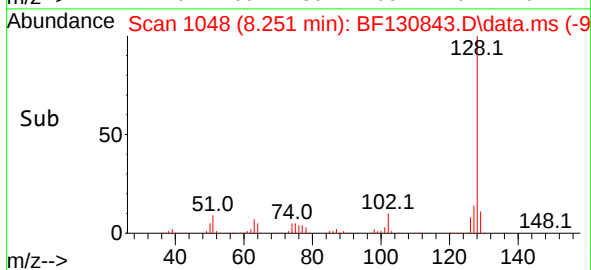
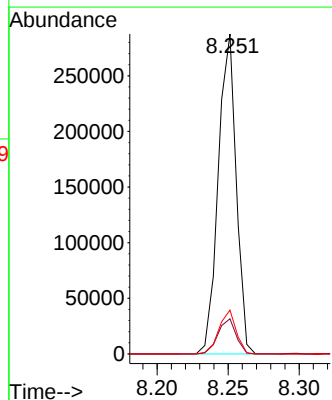
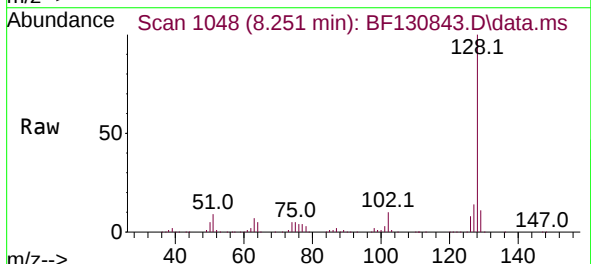
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

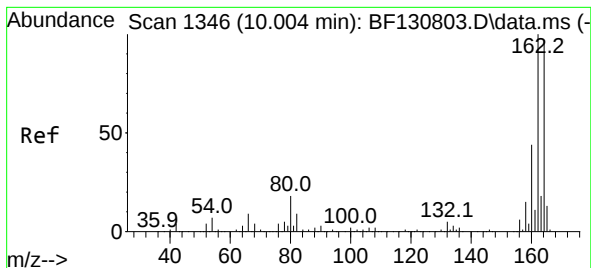
Tgt Ion: 82 Resp: 681985
Ion Ratio Lower Upper
82 100
128 38.9 31.2 46.8
54 58.6 48.0 72.0



#31
Naphthalene
Concen: 13.084 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion: 128 Resp: 253371
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1346

Delta R.T. -0.012 min

Lab File: BF130843.D

Acq: 29 Oct 2022 01:29

Instrument :

BNA_F

ClientSampleId :

MH-1-WC

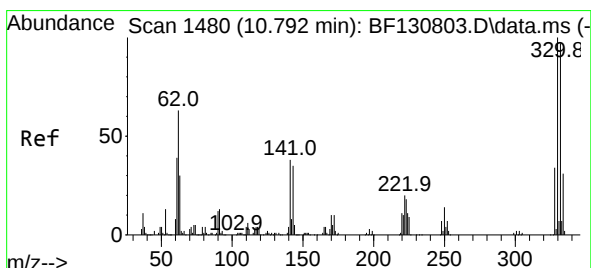
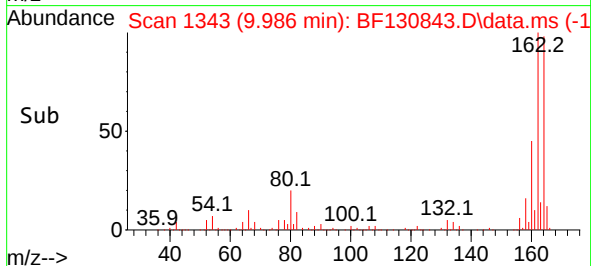
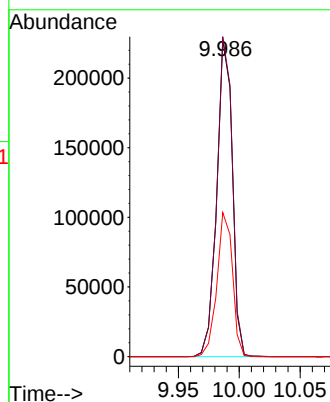
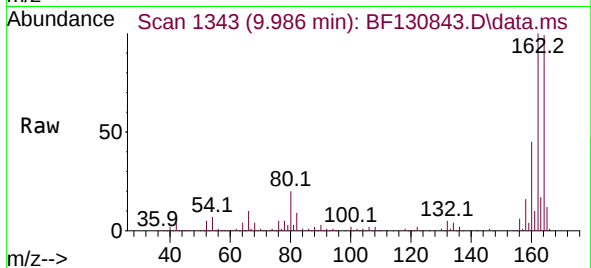
Tgt Ion:164 Resp: 202246

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

160 45.6 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 167.455 ng

RT: 10.781 min Scan# 1478

Delta R.T. -0.006 min

Lab File: BF130843.D

Acq: 29 Oct 2022 01:29

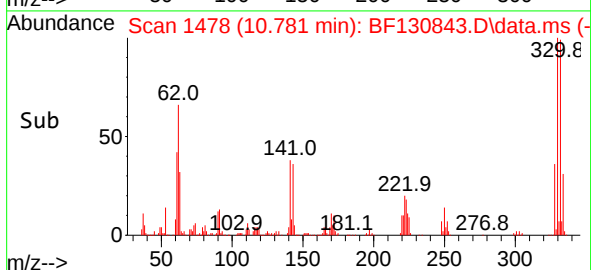
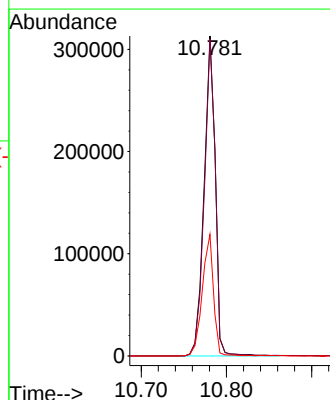
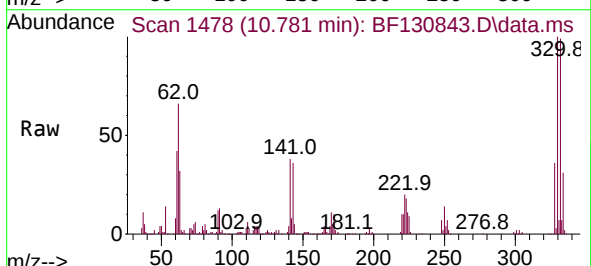
Tgt Ion:330 Resp: 285093

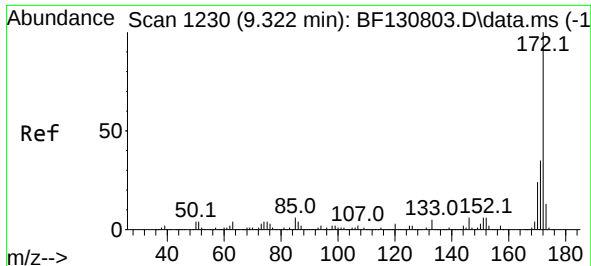
Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 38.1 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 93.644 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130843.D

Acq: 29 Oct 2022 01:29

Instrument :

BNA_F

ClientSampleId :

MH-1-WC

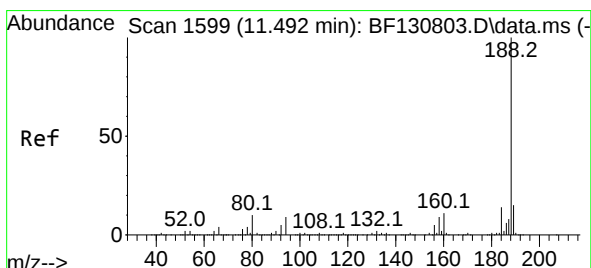
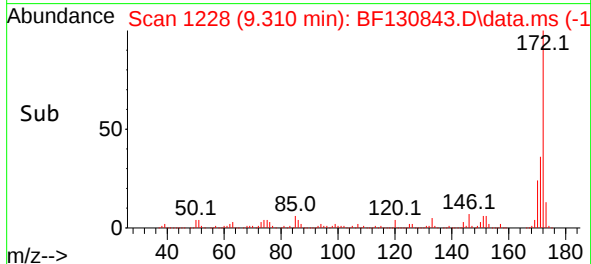
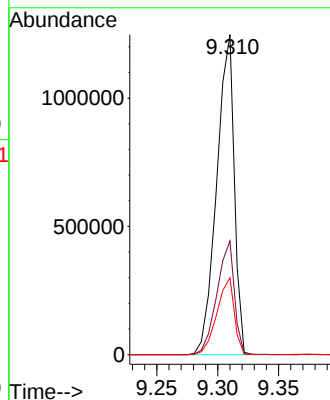
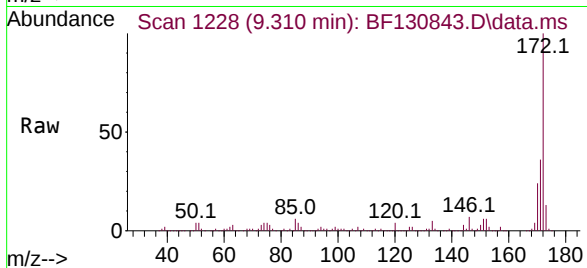
Tgt Ion:172 Resp: 1252687

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 24.0 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF130843.D

Acq: 29 Oct 2022 01:29

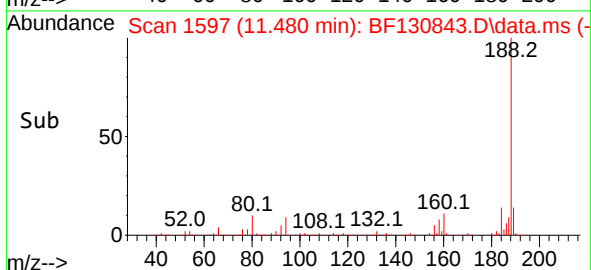
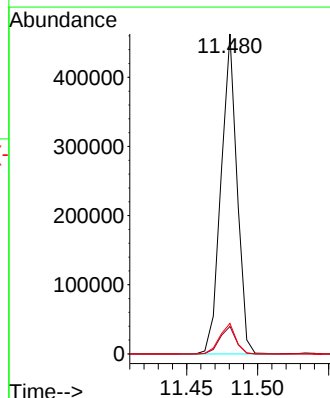
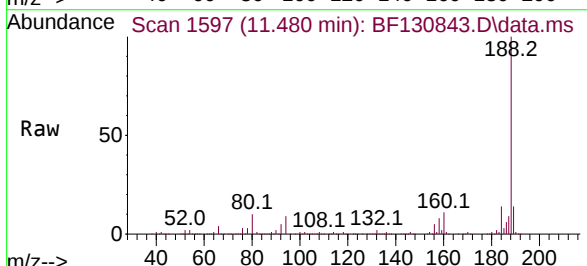
Tgt Ion:188 Resp: 362334

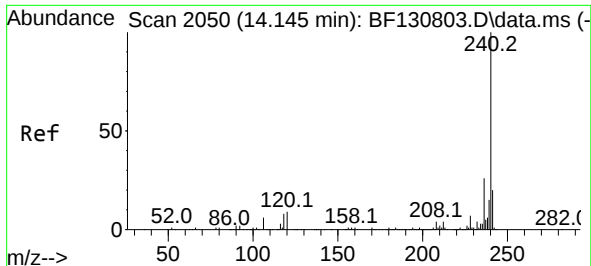
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.5 8.0 12.0

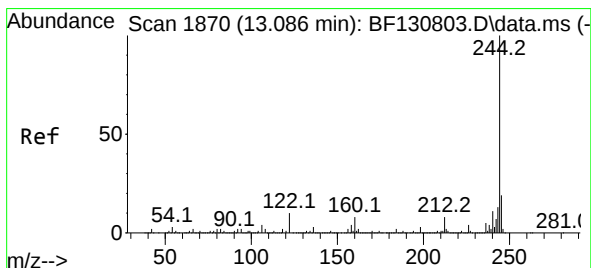
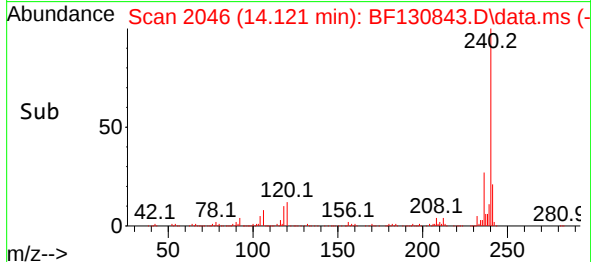
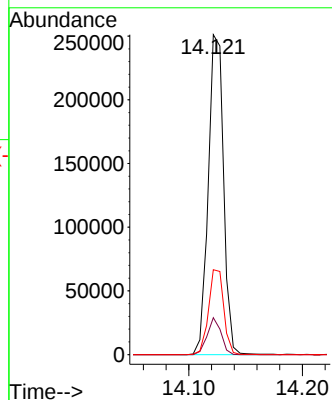
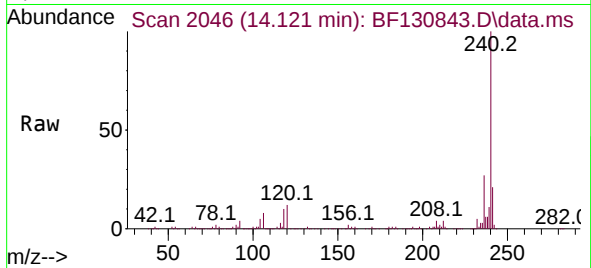




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

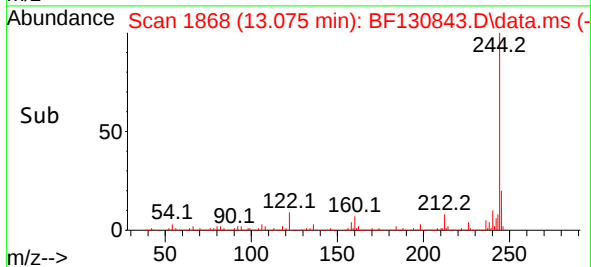
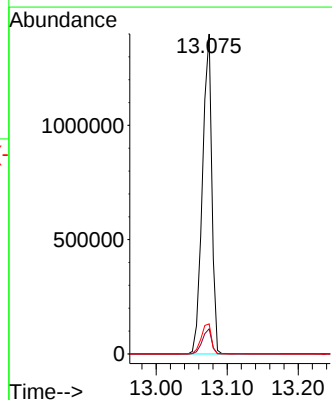
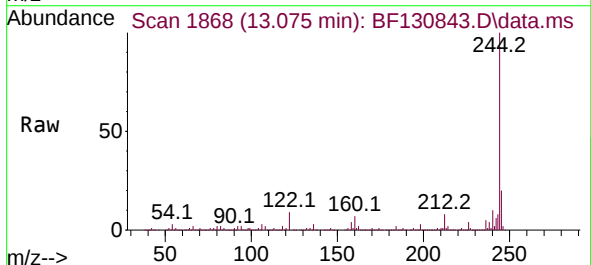
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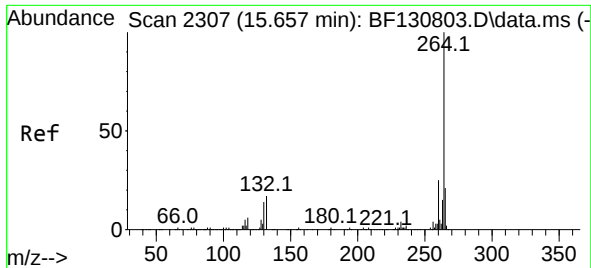
Tgt Ion:240 Resp: 235907
Ion Ratio Lower Upper
240 100
120 11.5 7.0 10.4#
236 26.5 20.5 30.7



#79
Terphenyl-d14
Concen: 98.776 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130843.D
Acq: 29 Oct 2022 01:29

Tgt Ion:244 Resp: 1271630
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.4 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: BF130843.D
Acq: 29 Oct 2022 01:29

Instrument :
BNA_F
ClientSampleId :
MH-1-WC

Tgt Ion:264 Resp: 183631
Ion Ratio Lower Upper
264 100
260 22.4 19.9 29.9
265 20.6 17.0 25.6

