

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130886.D
 Acq On : 31 Oct 2022 18:47
 Operator : CG\JU
 Sample : N5355-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5518-2

Quant Time: Nov 01 02:30:45 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	6.939	152	72741	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	261843	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	126759	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	203887	20.000	ng	0.00
76) Chrysene-d12	14.127	240	161184	20.000	ng	0.00
86) Perylene-d12	15.645	264	128688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	312012	74.361	ng	0.00
7) Phenol-d6	6.551	99	260974	47.862	ng	-0.01
23) Nitrobenzene-d5	7.504	82	538307	123.965	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	175254	164.241	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	901523	107.527	ng	0.00
79) Terphenyl-d14	13.074	244	807742	91.830	ng	0.00

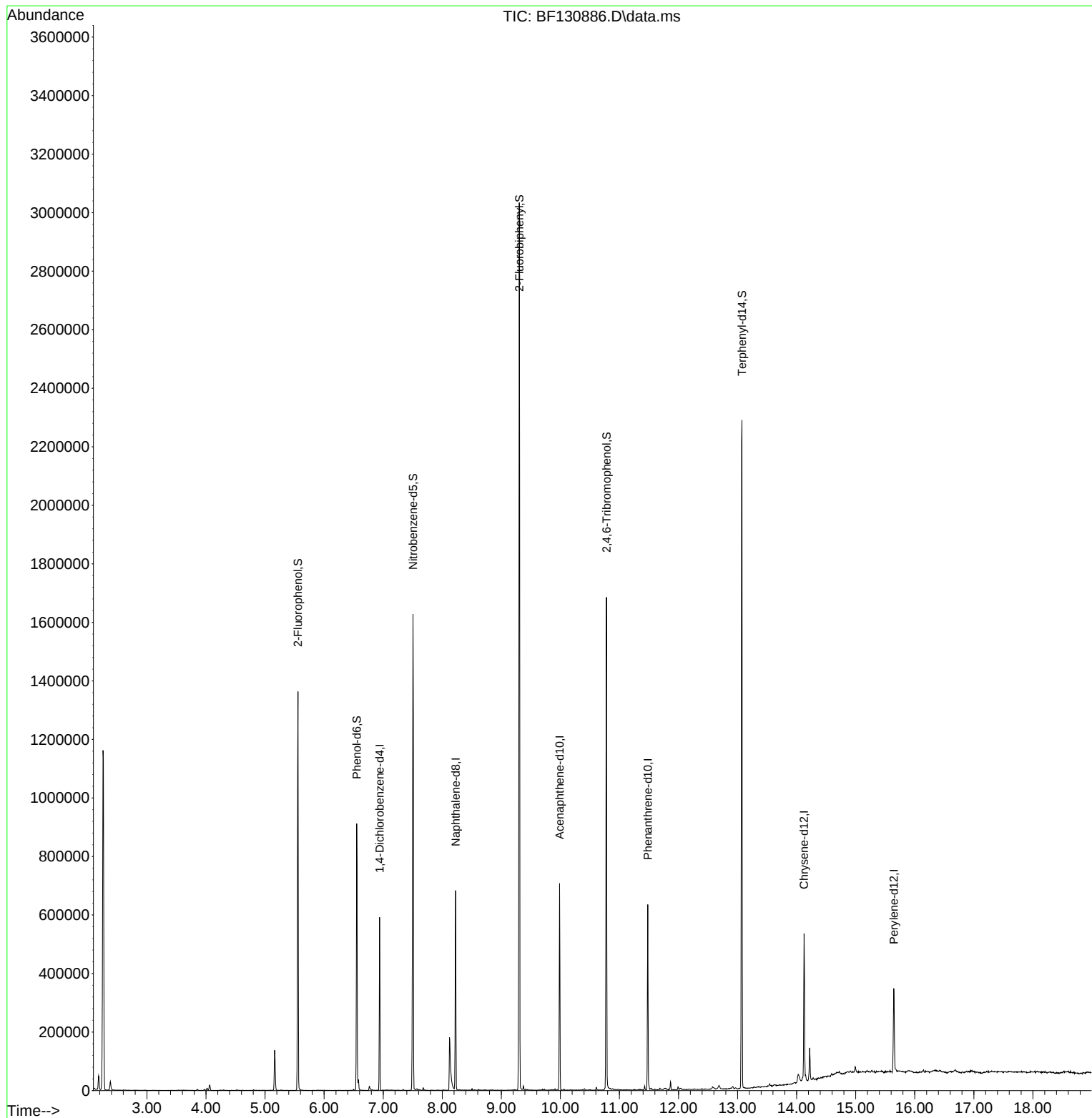
Target Compounds	Qvalue

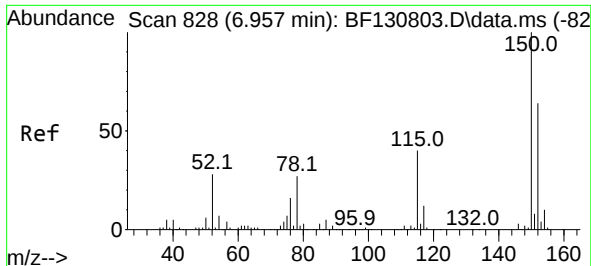
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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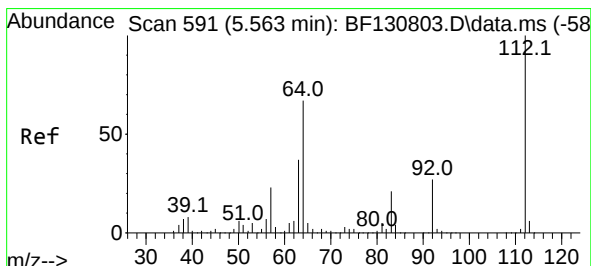
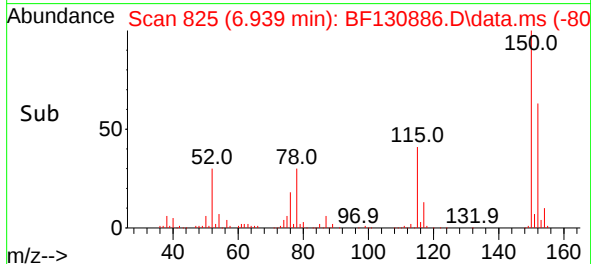
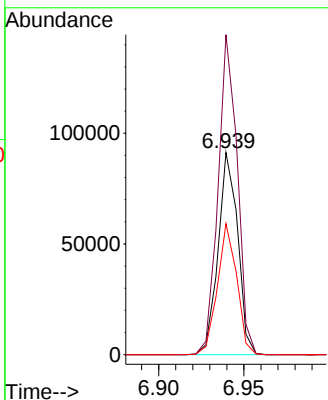
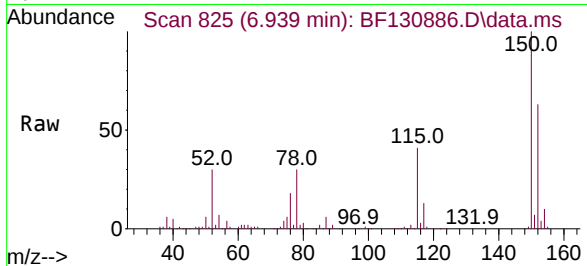




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

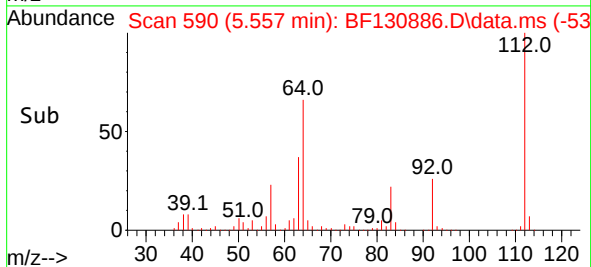
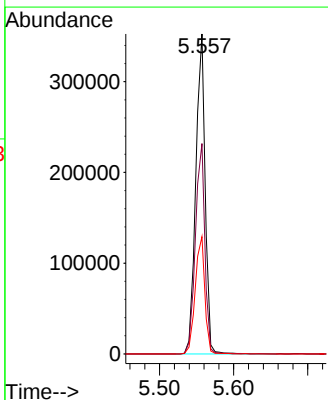
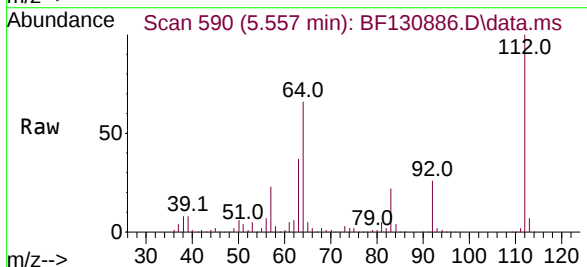
Instrument :
BNA_F
ClientSampleId :
5518-2

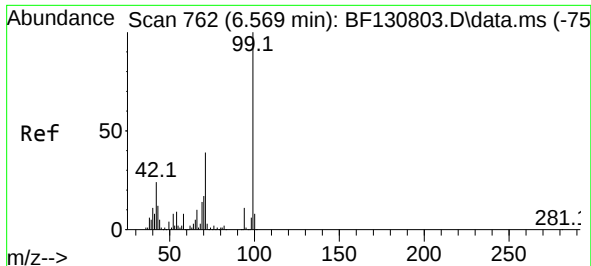
Tgt Ion:152 Resp: 72741
Ion Ratio Lower Upper
152 100
150 158.4 124.1 186.1
115 64.8 50.1 75.1



#5
2-Fluorophenol
Concen: 74.361 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion:112 Resp: 312012
Ion Ratio Lower Upper
112 100
64 65.7 53.9 80.9
63 36.7 29.4 44.2

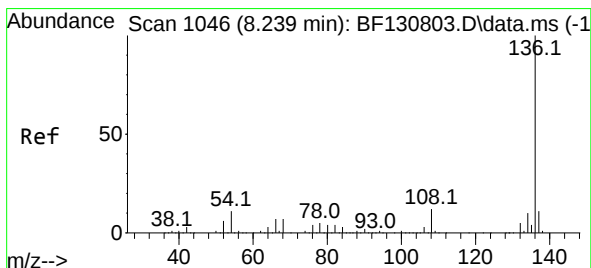
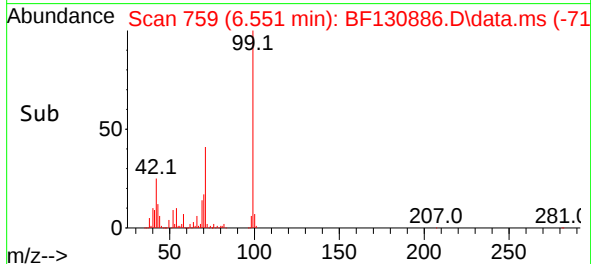
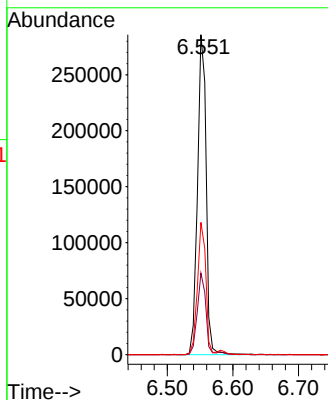
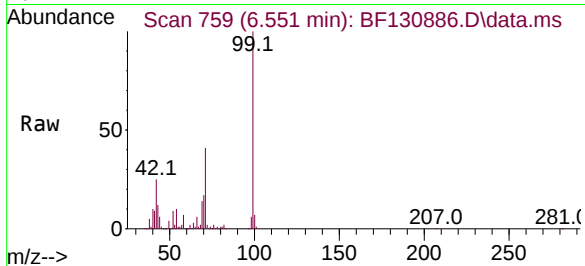




#7
Phenol-d6
Concen: 47.862 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

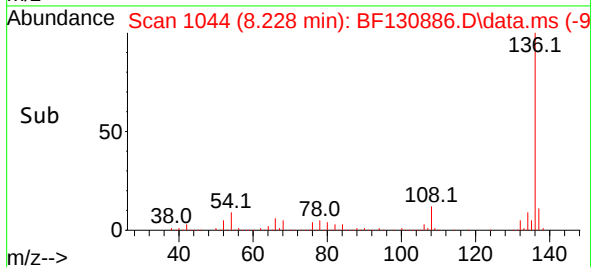
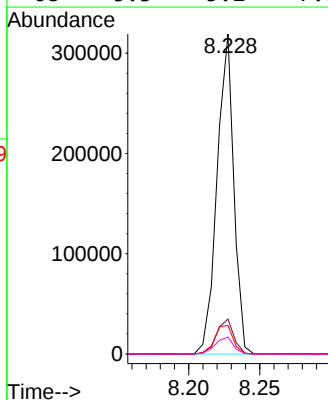
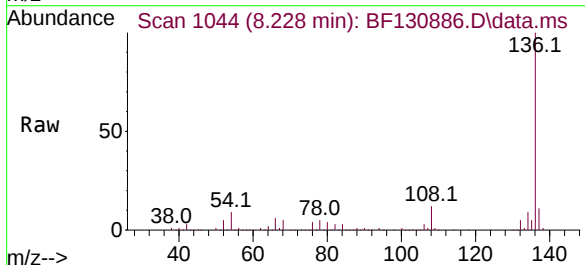
Instrument :
BNA_F
ClientSampleId :
5518-2

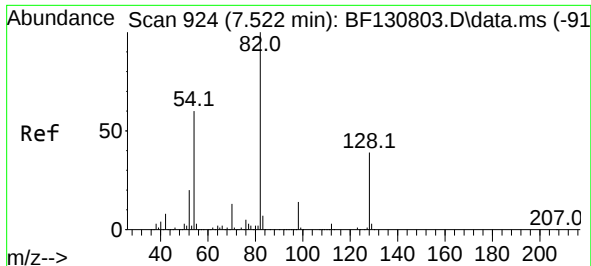
Tgt Ion: 99 Resp: 260974
Ion Ratio Lower Upper
99 100
42 25.5 18.8 28.2
71 41.3 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion: 136 Resp: 261843
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.9 8.8 13.2
68 5.3 5.2 7.8

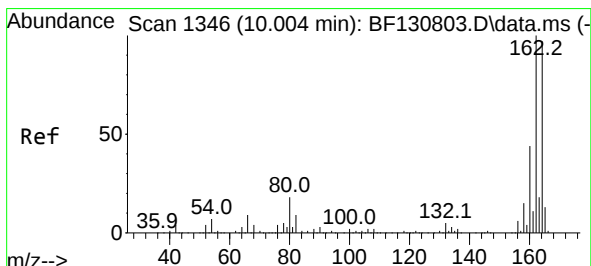
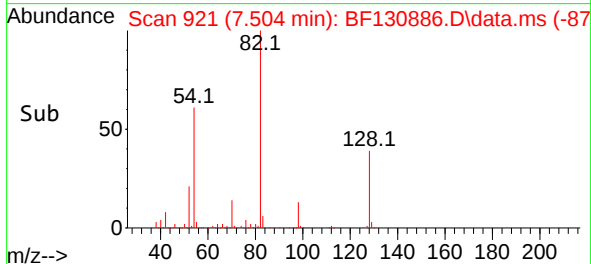
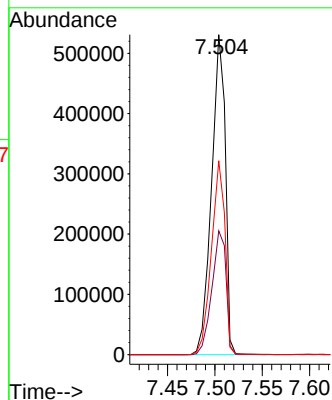
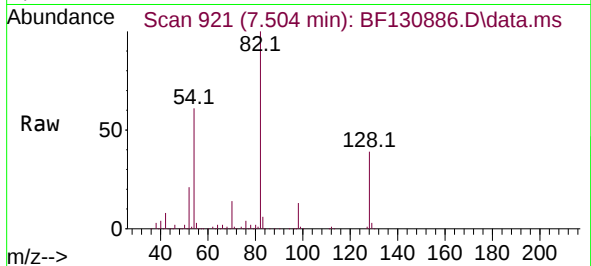




#23
Nitrobenzene-d5
Concen: 123.965 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

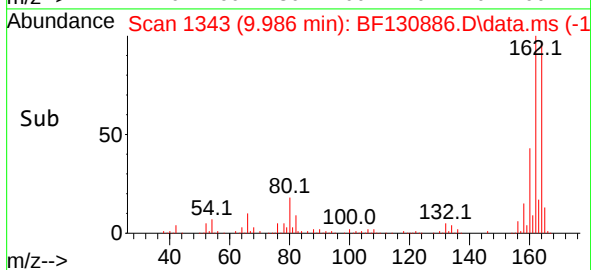
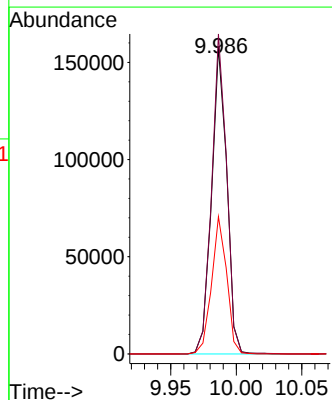
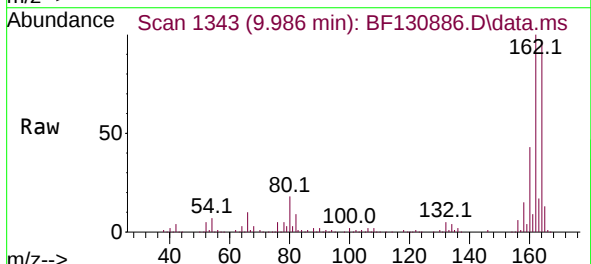
Instrument :
BNA_F
ClientSampleId :
5518-2

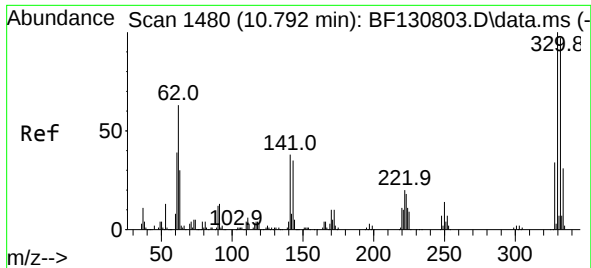
Tgt Ion: 82 Resp: 538307
Ion Ratio Lower Upper
82 100
128 38.7 31.2 46.8
54 60.6 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion:164 Resp: 126759
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.2
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 164.241 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130886.D

Acq: 31 Oct 2022 18:47

Instrument :

BNA_F

ClientSampleId :

5518-2

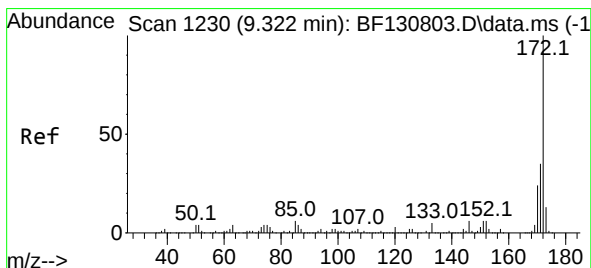
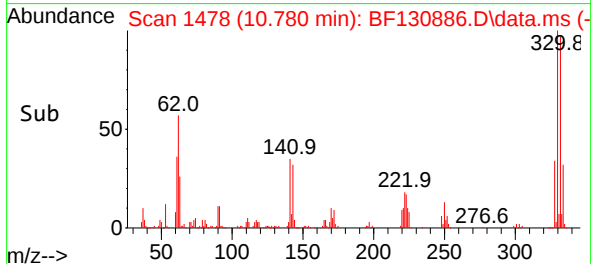
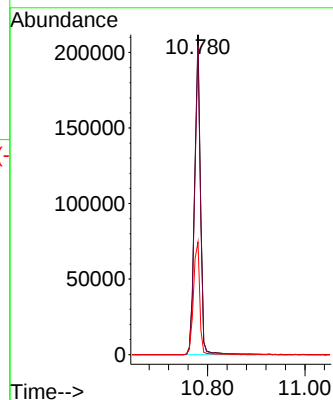
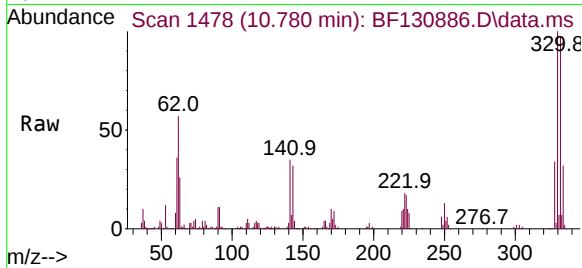
Tgt Ion:330 Resp: 175254

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 37.6 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 107.527 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130886.D

Acq: 31 Oct 2022 18:47

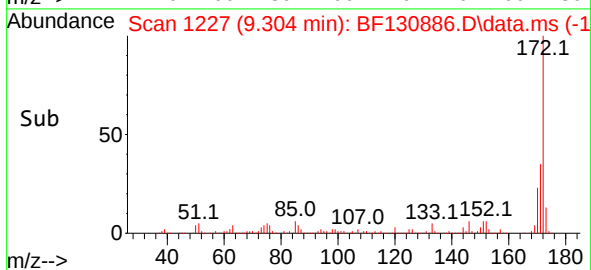
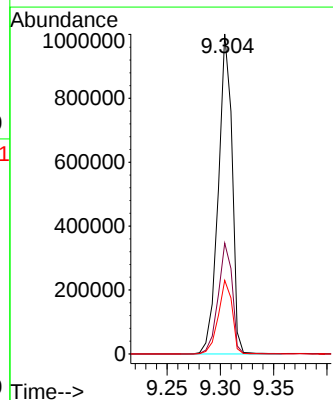
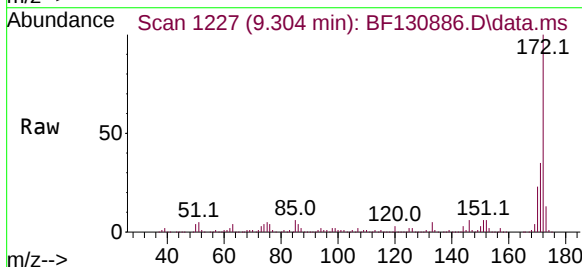
Tgt Ion:172 Resp: 901523

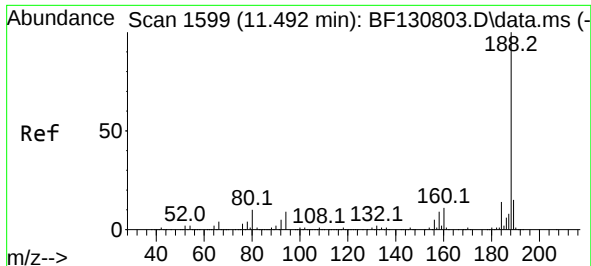
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.0 19.0 28.4

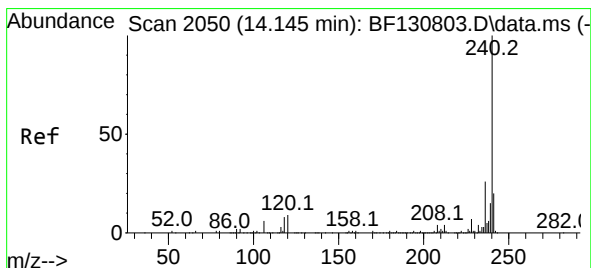
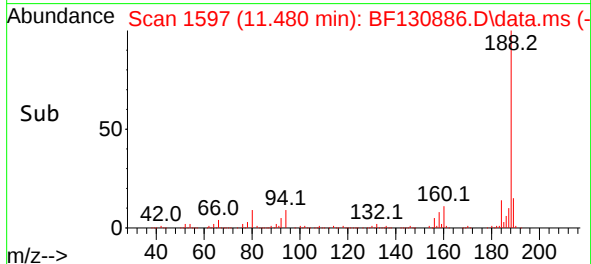
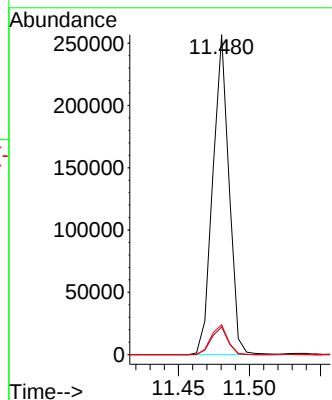
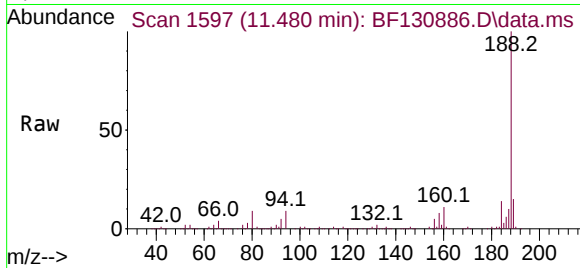




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

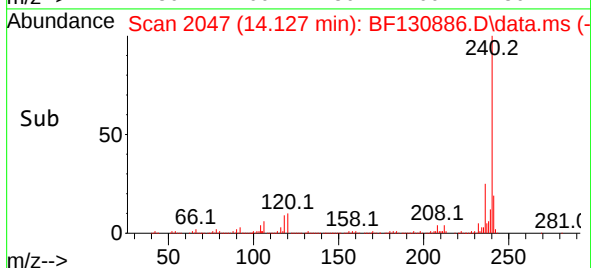
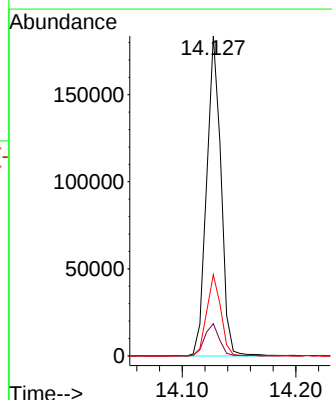
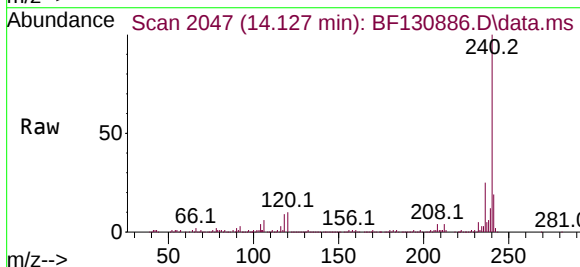
Instrument :
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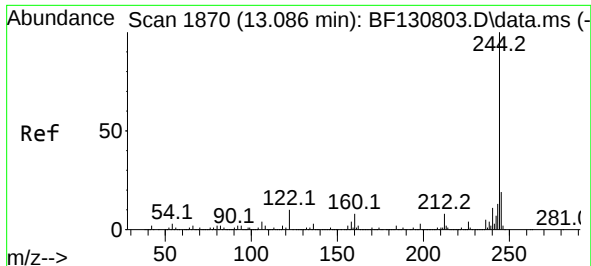
Tgt Ion:188 Resp: 203887
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130886.D
Acq: 31 Oct 2022 18:47

Tgt Ion:240 Resp: 161184
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.4
236 25.4 20.5 30.7

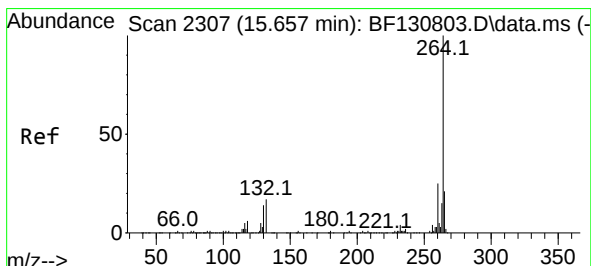
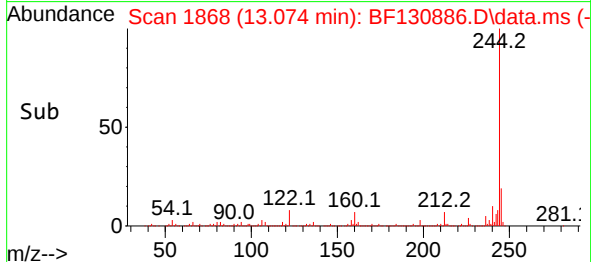
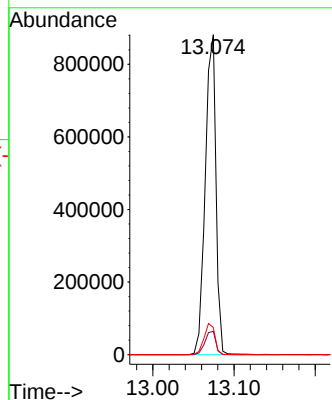
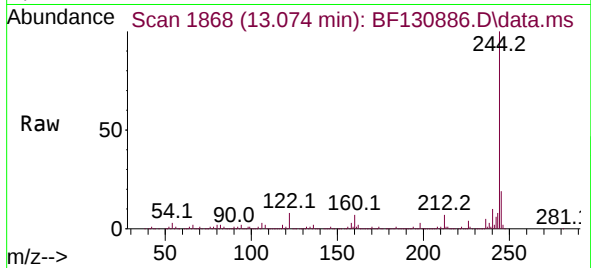




#79
 Terphenyl-d14
 Concen: 91.830 ng
 RT: 13.074 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130886.D
 Acq: 31 Oct 2022 18:47

Instrument :
 BNA_F
 ClientSampleId :
 5518-2

Tgt Ion:244 Resp: 807742
 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: 15.645 min Scan# 2305
 Delta R.T. -0.000 min
 Lab File: BF130886.D
 Acq: 31 Oct 2022 18:47

Tgt Ion:264 Resp: 128688
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 22.0 17.0 25.6

