

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131346.D
 Acq On : 22 Nov 2022 23:53
 Operator : CG\JU
 Sample : N5740-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-12

Quant Time: Nov 23 04:21:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	105385	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	377500	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	199724	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	305034	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	208249	20.000	ng	-0.01
86) Perylene-d12	15.710	264	224300	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	673263	121.589	ng	0.00
7) Phenol-d6	6.581	99	832818	117.882	ng	0.00
23) Nitrobenzene-d5	7.528	82	556952	74.371	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	198962	118.409	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	948309	69.076	ng	0.00
79) Terphenyl-d14	13.110	244	722487	56.733	ng	0.00

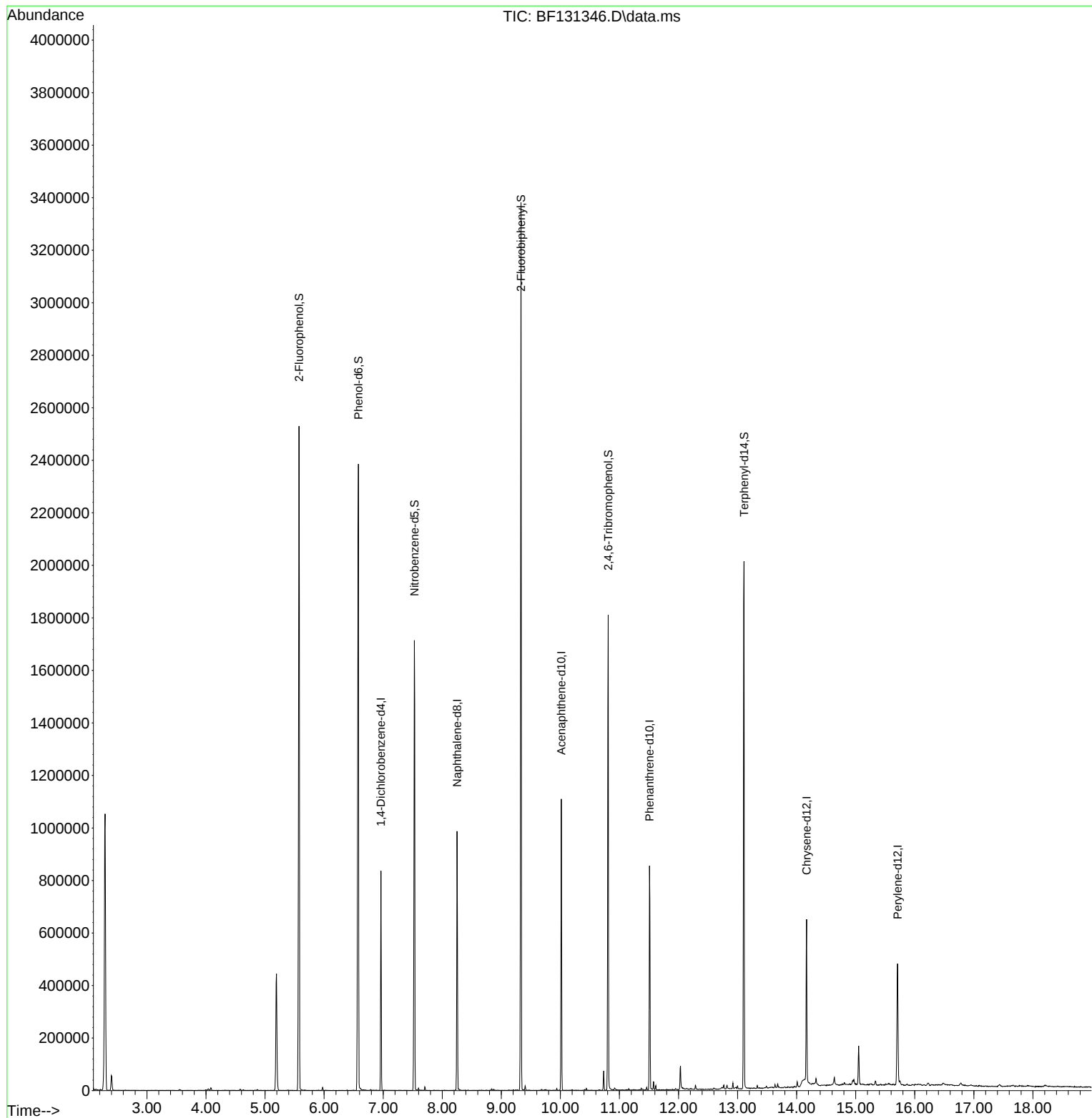
Target Compounds	Qvalue

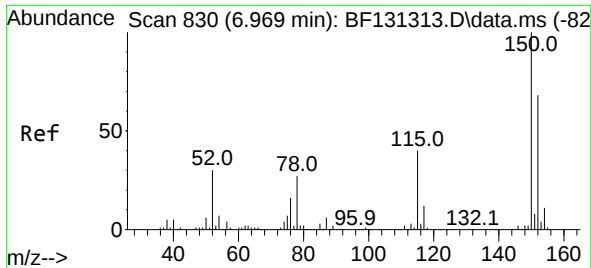
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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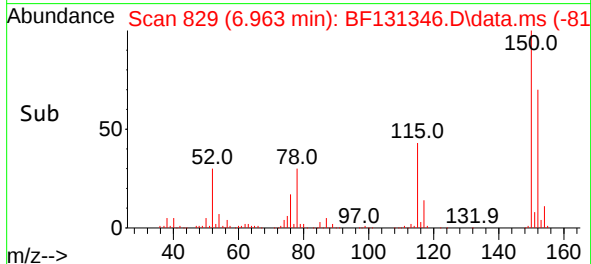
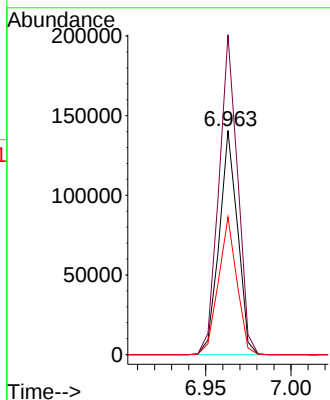
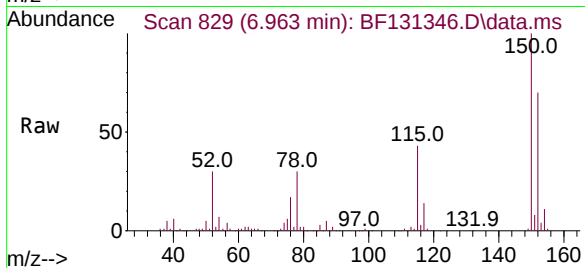




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131346.D
 Acq: 22 Nov 2022 23:53

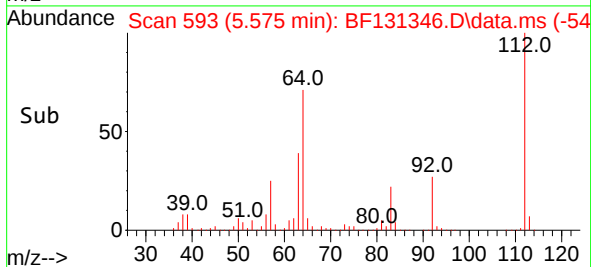
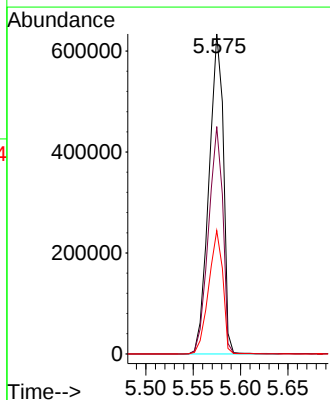
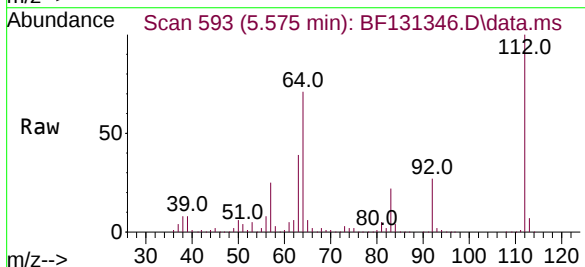
Instrument :
 BNA_F
 ClientSampleId :
 MH-12

Tgt Ion:152 Resp: 105385
 Ion Ratio Lower Upper
 152 100
 150 142.8 117.8 176.8
 115 61.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 121.589 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.006 min
 Lab File: BF131346.D
 Acq: 22 Nov 2022 23:53

Tgt Ion:112 Resp: 673263
 Ion Ratio Lower Upper
 112 100
 64 71.0 58.6 88.0
 63 38.5 31.4 47.0

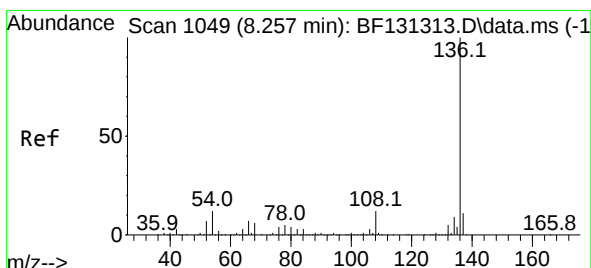
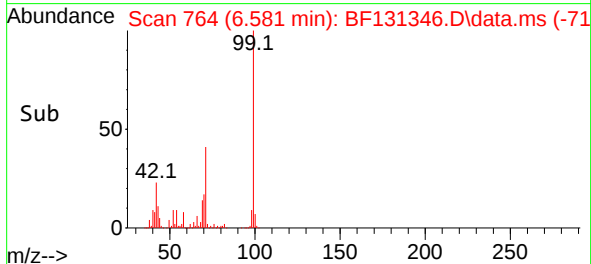
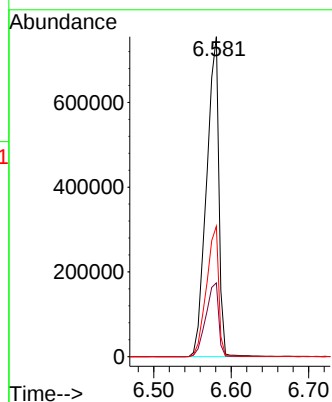
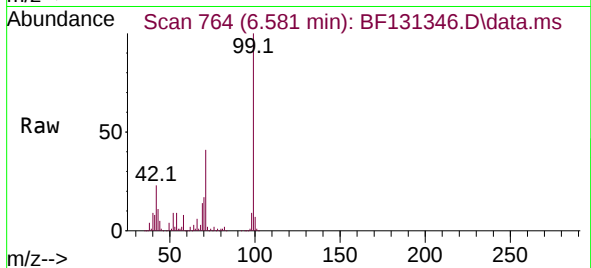




#7
Phenol-d6
Concen: 117.882 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131346.D
Acq: 22 Nov 2022 23:53

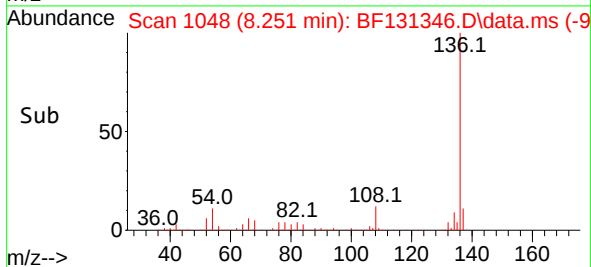
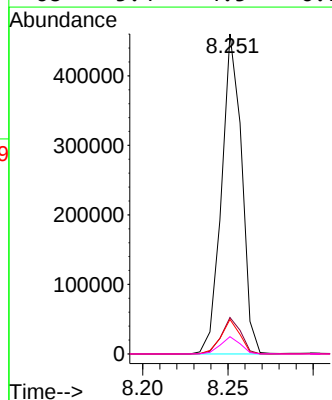
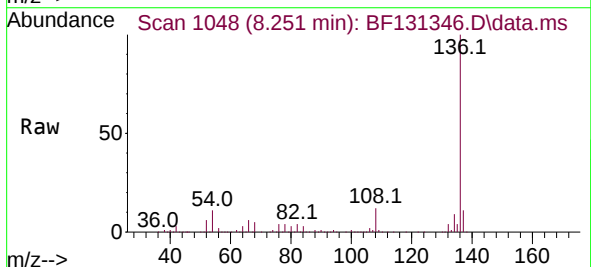
Instrument :
BNA_F
ClientSampleId :
MH-12

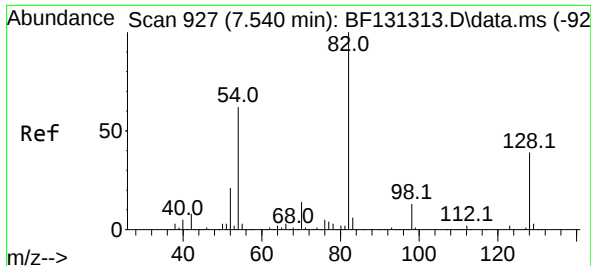
Tgt Ion: 99 Resp: 832818
Ion Ratio Lower Upper
99 100
42 23.0 19.4 29.2
71 40.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131346.D
Acq: 22 Nov 2022 23:53

Tgt Ion: 136 Resp: 377500
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.8 9.4 14.0
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 74.371 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

Instrument :

BNA_F

ClientSampleId :

MH-12

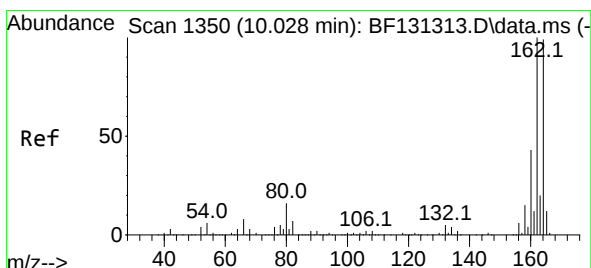
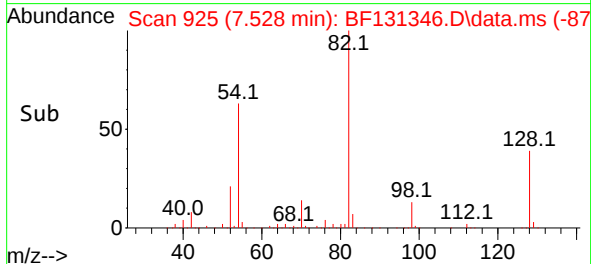
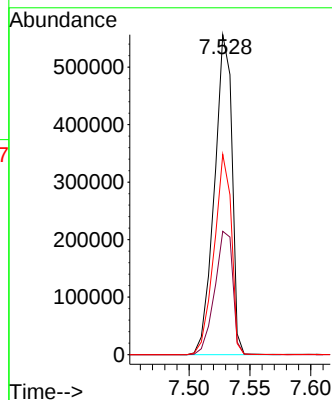
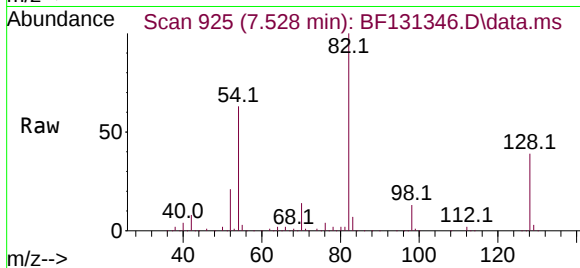
Tgt Ion: 82 Resp: 556952

Ion Ratio Lower Upper

82 100

128 38.5 31.4 47.0

54 62.6 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

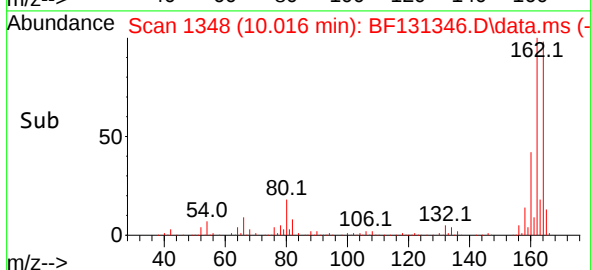
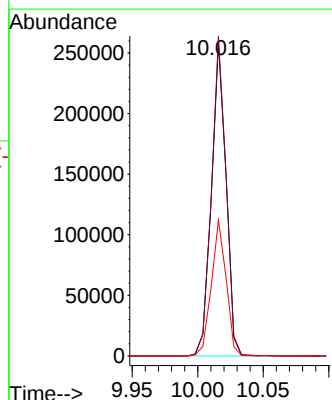
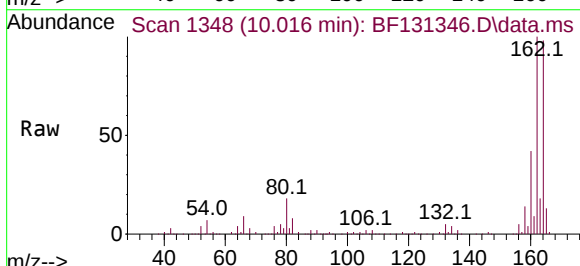
Tgt Ion:164 Resp: 199724

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 118.409 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.006 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

Instrument :

BNA_F

ClientSampleId :

MH-12

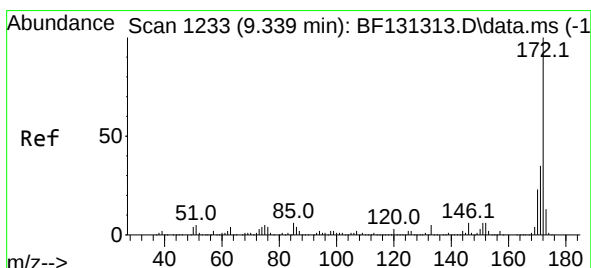
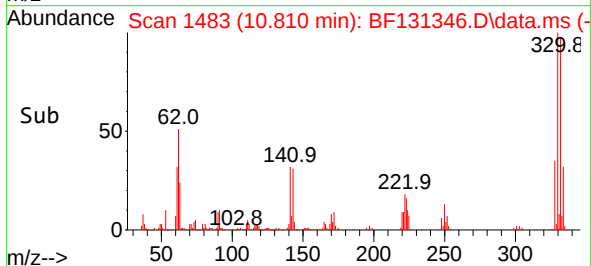
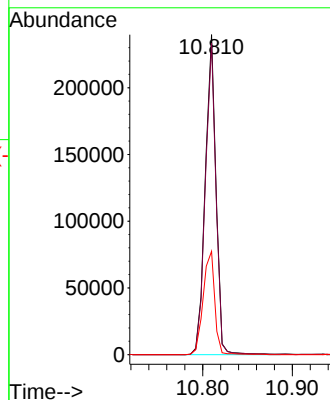
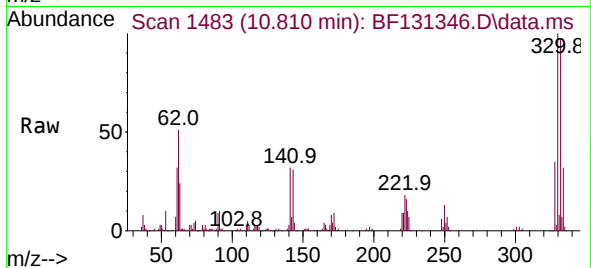
Tgt Ion:330 Resp: 198962

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 34.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 69.076 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

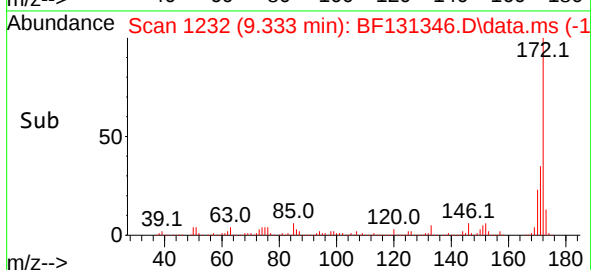
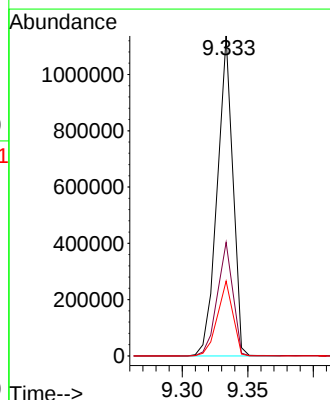
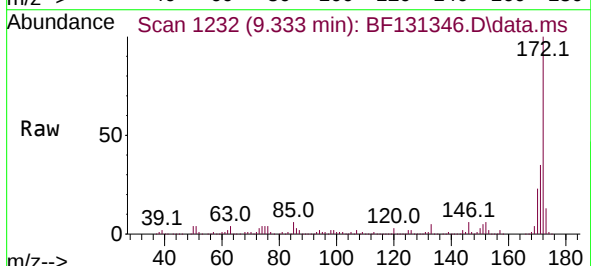
Tgt Ion:172 Resp: 948309

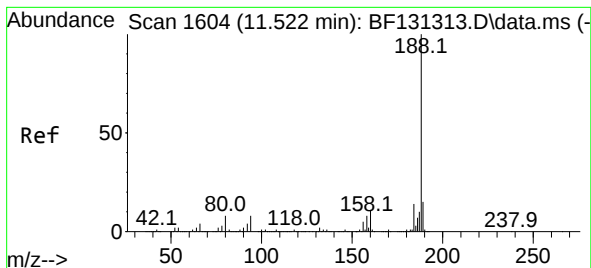
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

Instrument :

BNA_F

ClientSampleId :

MH-12

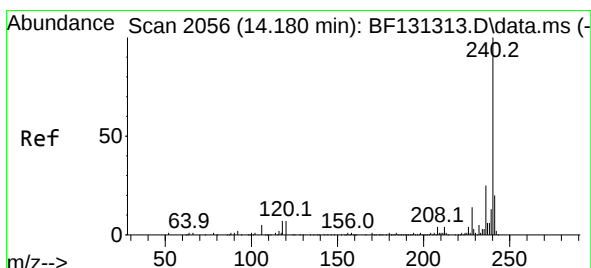
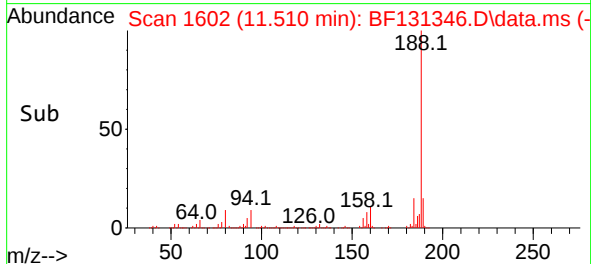
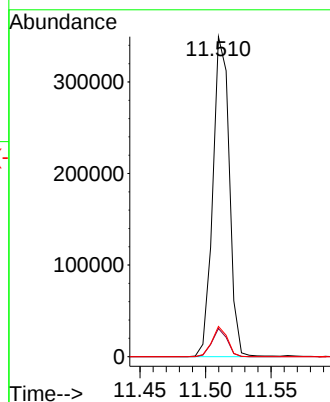
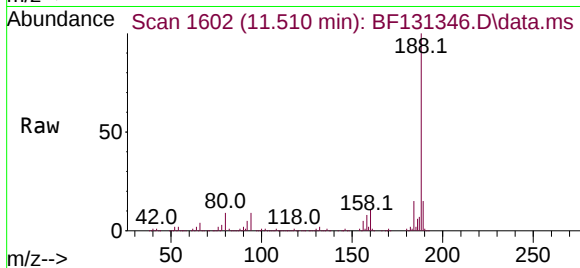
Tgt Ion:188 Resp: 305034

Ion Ratio Lower Upper

188 100

94 8.8 6.3 9.5

80 9.4 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.012 min

Lab File: BF131346.D

Acq: 22 Nov 2022 23:53

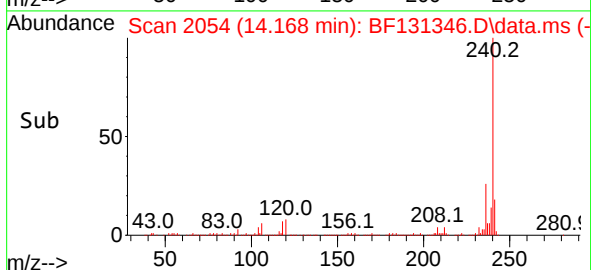
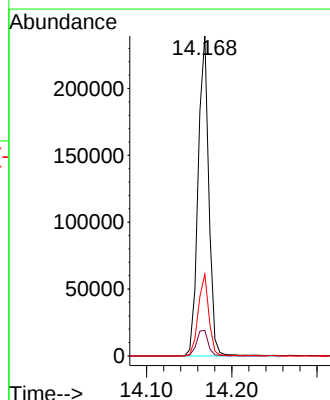
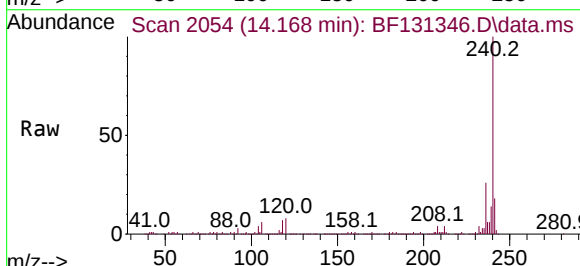
Tgt Ion:240 Resp: 208249

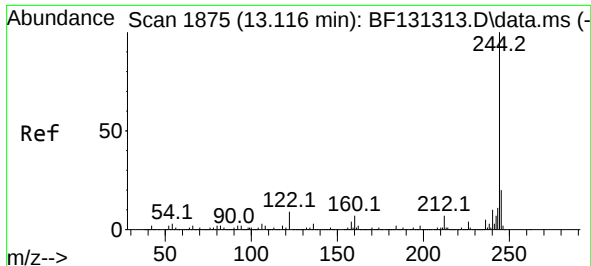
Ion Ratio Lower Upper

240 100

120 8.0 5.8 8.8

236 25.5 20.3 30.5

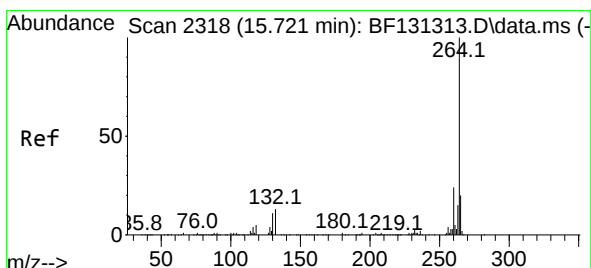
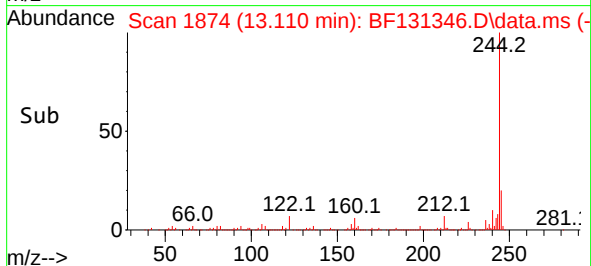
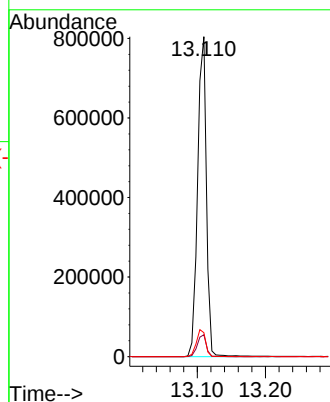
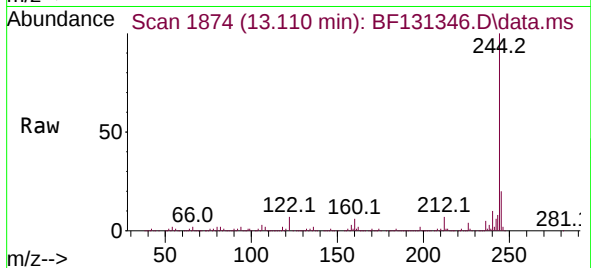




#79
 Terphenyl-d14
 Concen: 56.733 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131346.D
 Acq: 22 Nov 2022 23:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-12

Tgt Ion:244 Resp: 722487
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 7.5 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.710 min Scan# 2316
 Delta R.T. -0.012 min
 Lab File: BF131346.D
 Acq: 22 Nov 2022 23:53

Tgt Ion:264 Resp: 224300
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 21.7 16.4 24.6

