

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131023.D
 Acq On : 05 Nov 2022 17:05
 Operator : CG\JU
 Sample : N5335-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Nov 07 00:50:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	61184	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	272202	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	151809	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	245612	20.000	ng	0.00
76) Chrysene-d12	14.086	240	154464	20.000	ng	0.00
86) Perylene-d12	15.586	264	140745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	354226	100.368	ng	0.00
7) Phenol-d6	6.528	99	466403	101.695	ng	0.00
23) Nitrobenzene-d5	7.463	82	319453	70.766	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	127845	100.041	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	600567	59.811	ng	0.00
79) Terphenyl-d14	13.027	244	564064	66.917	ng	0.00

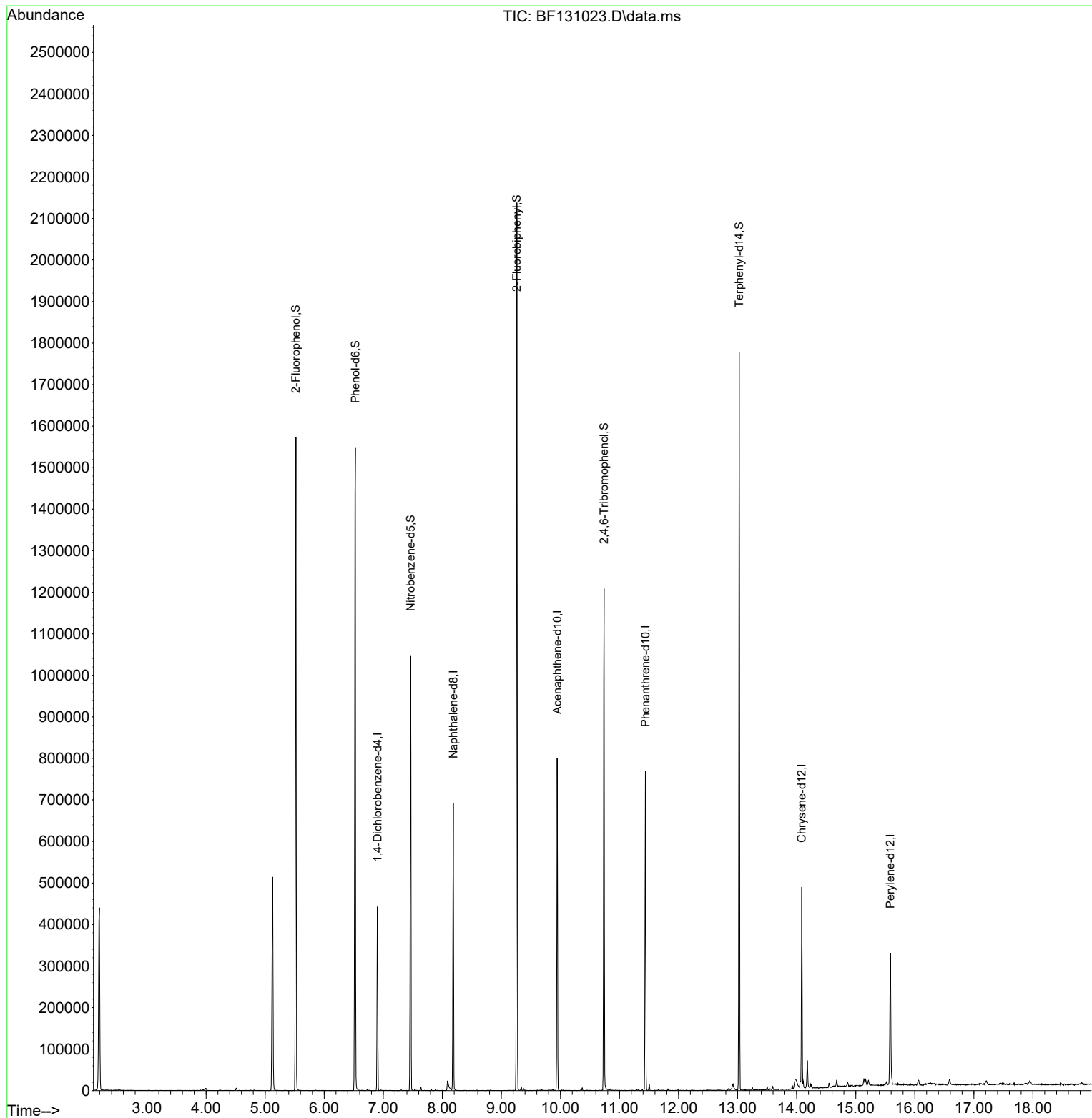
Target Compounds	Qvalue
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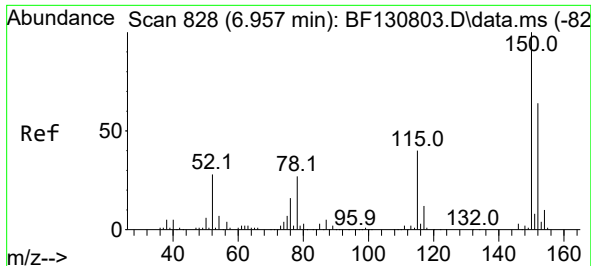
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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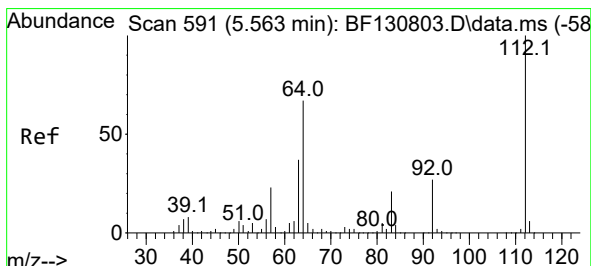
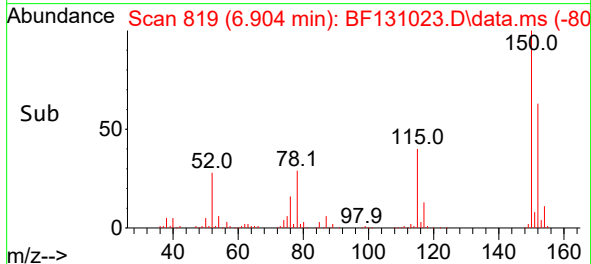
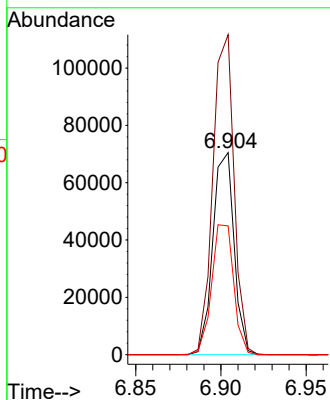
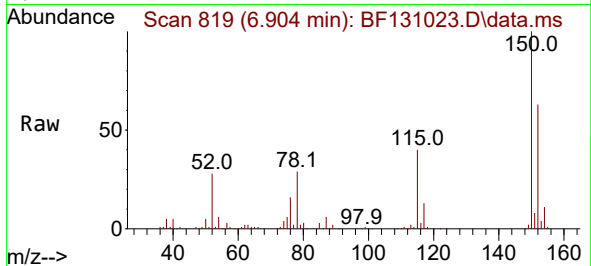




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

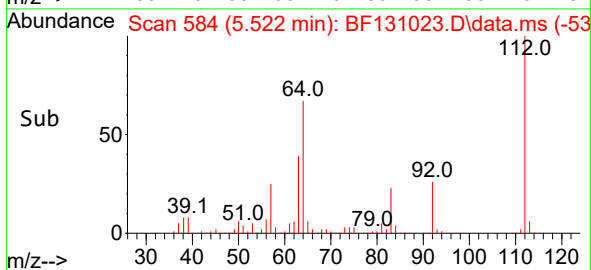
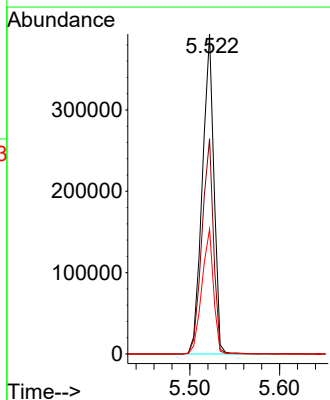
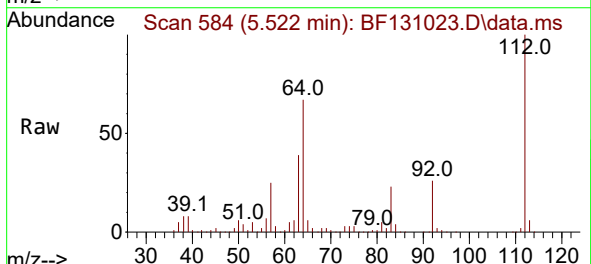
Instrument :
BNA_F
ClientSampleId :
SB-4

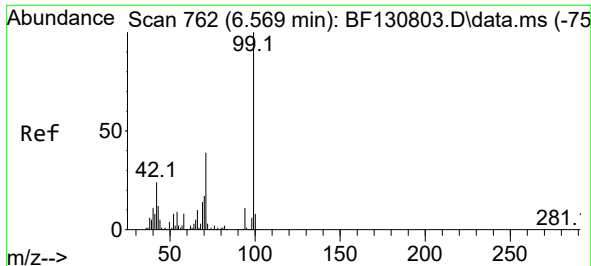
Tgt Ion:152 Resp: 61184
Ion Ratio Lower Upper
152 100
150 158.4 124.1 186.1
115 63.8 50.1 75.1



#5
2-Fluorophenol
Concen: 100.368 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion:112 Resp: 354226
Ion Ratio Lower Upper
112 100
64 67.3 53.9 80.9
63 39.0 29.4 44.2

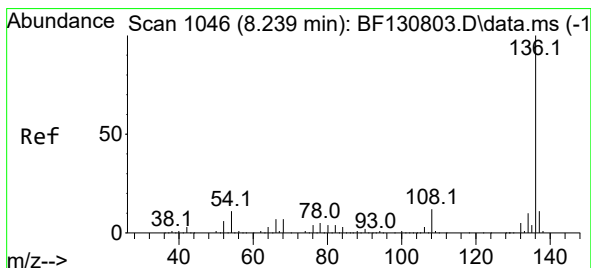
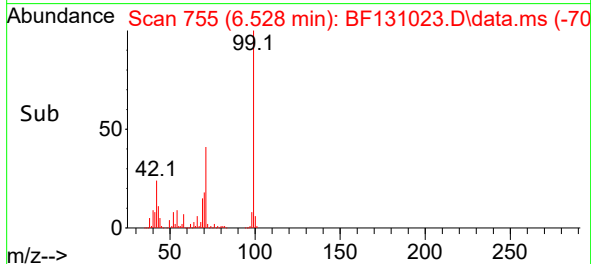
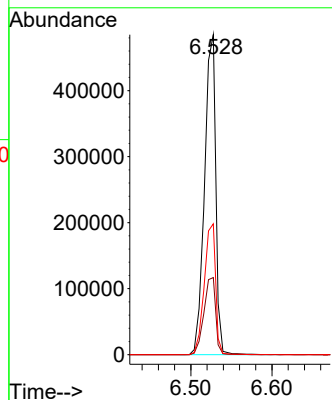
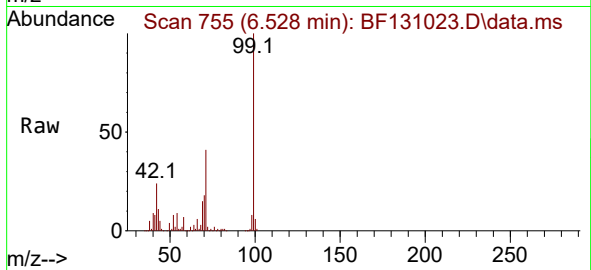




#7
Phenol-d6
Concen: 101.695 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

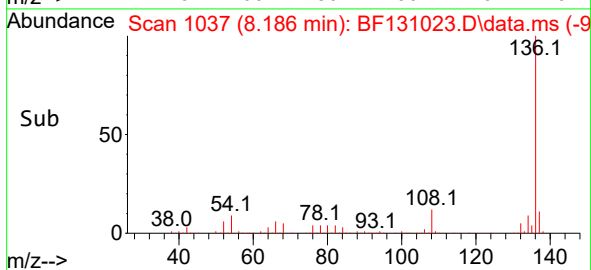
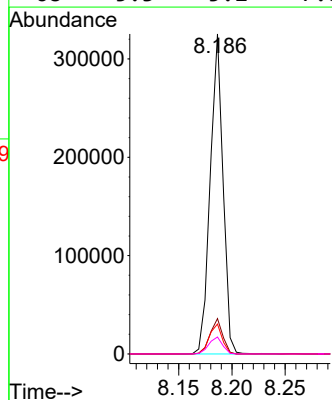
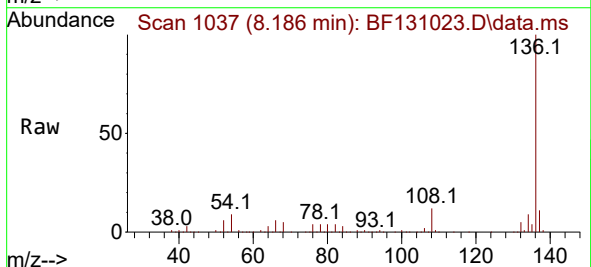
Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 99 Resp: 466403
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 40.9 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131023.D
Acq: 05 Nov 2022 17:05

Tgt Ion: 136 Resp: 272202
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.4 8.8 13.2
68 5.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 70.766 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131023.D

Acq: 05 Nov 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-4

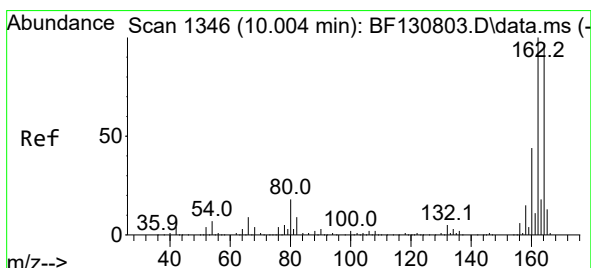
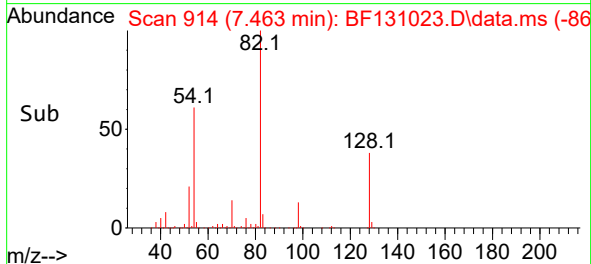
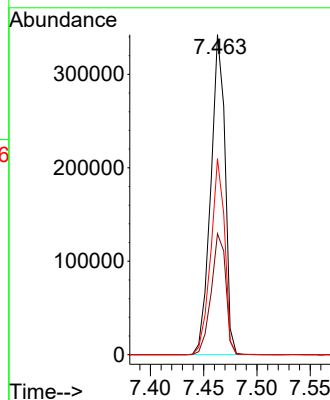
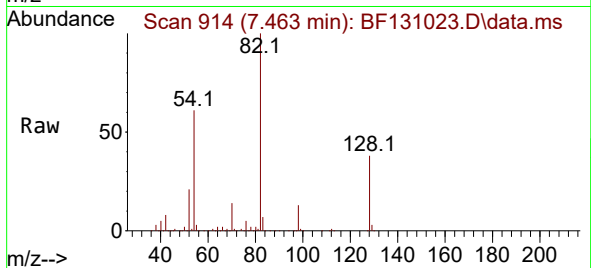
Tgt Ion: 82 Resp: 319453

Ion Ratio Lower Upper

82 100

128 37.8 31.2 46.8

54 61.2 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131023.D

Acq: 05 Nov 2022 17:05

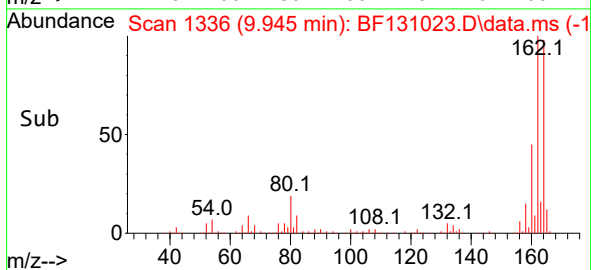
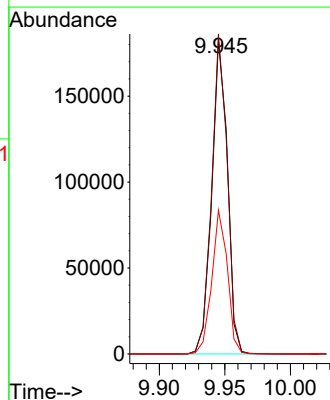
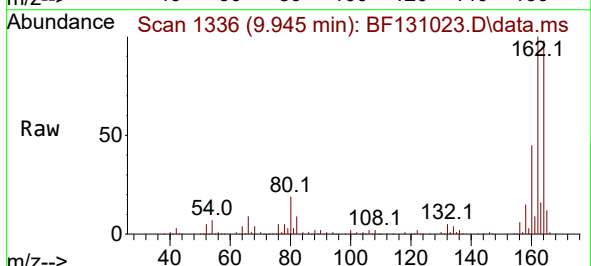
Tgt Ion:164 Resp: 151809

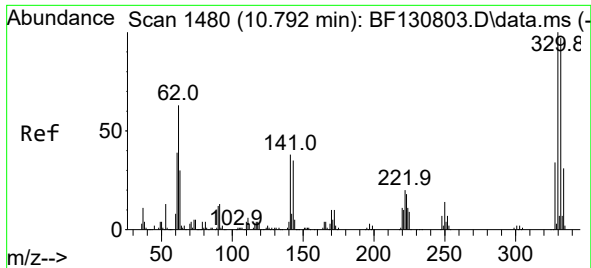
Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.2

160 45.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 100.041 ng

RT: 10.739 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF131023.D

Acq: 05 Nov 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-4

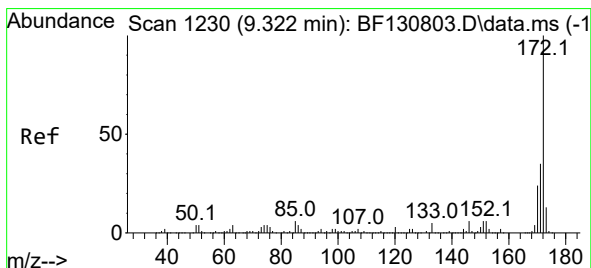
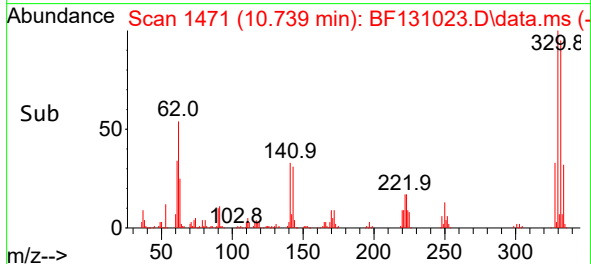
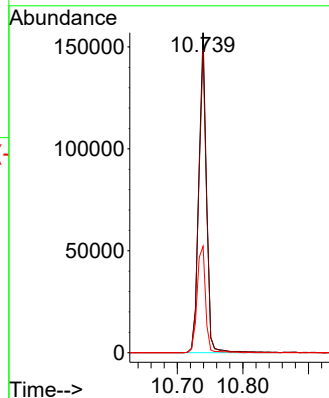
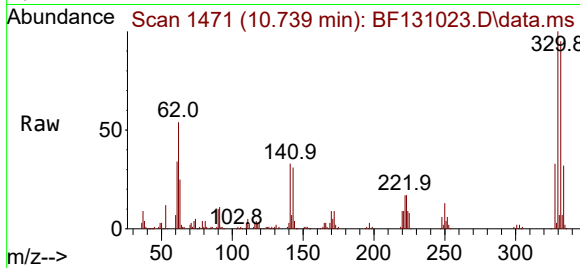
Tgt Ion:330 Resp: 127845

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 36.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 59.811 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131023.D

Acq: 05 Nov 2022 17:05

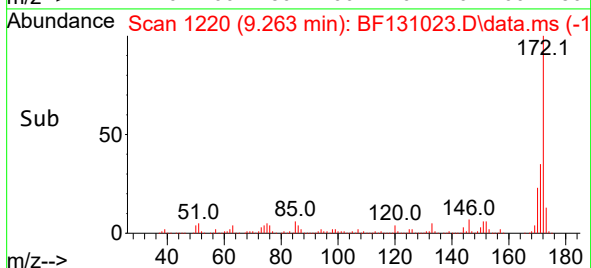
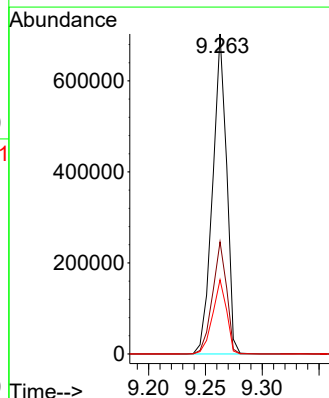
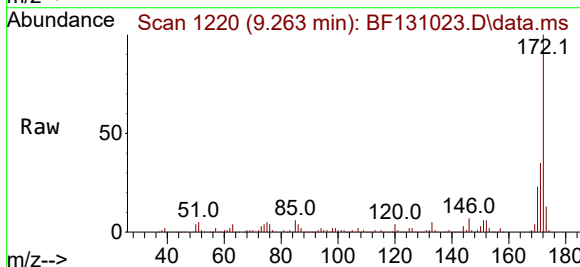
Tgt Ion:172 Resp: 600567

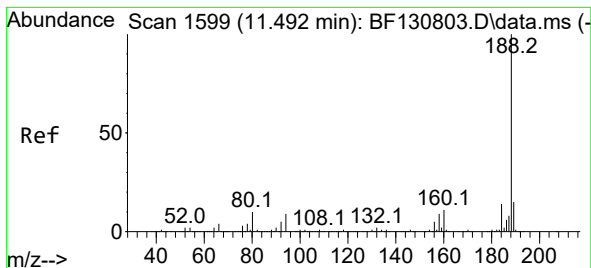
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131023.D

Acq: 05 Nov 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-4

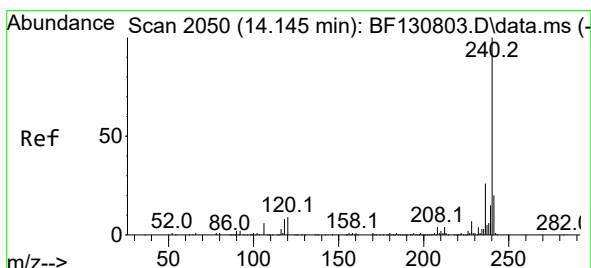
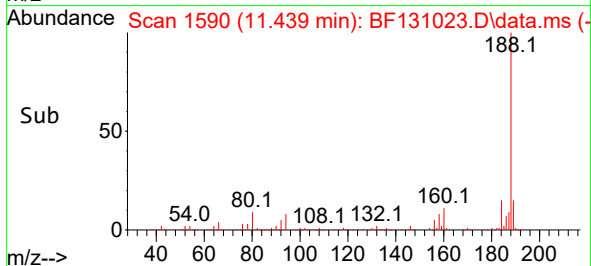
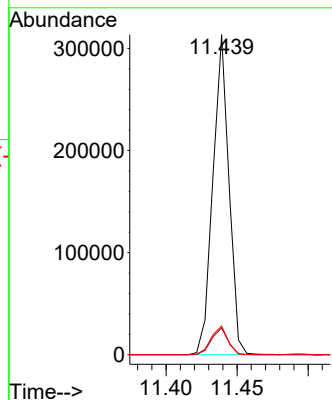
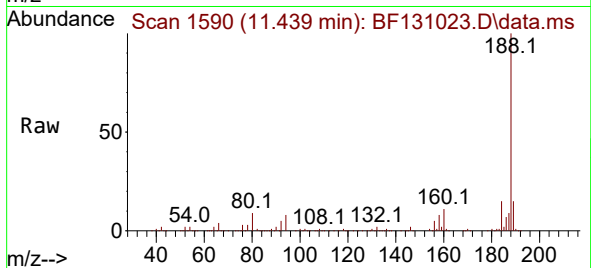
Tgt Ion:188 Resp: 245612

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.0 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BF131023.D

Acq: 05 Nov 2022 17:05

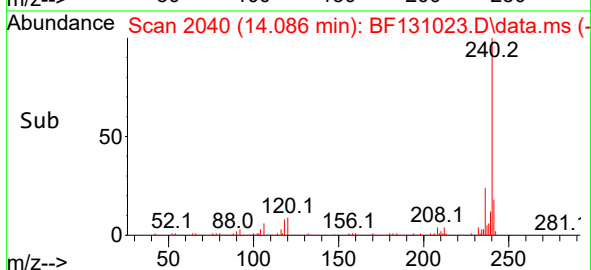
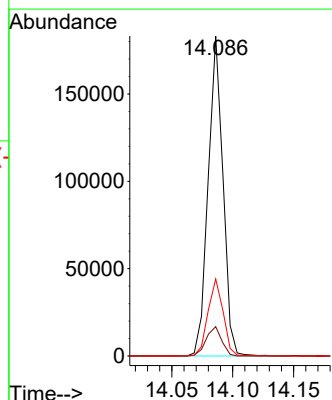
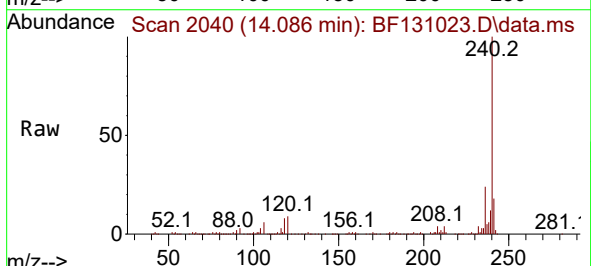
Tgt Ion:240 Resp: 154464

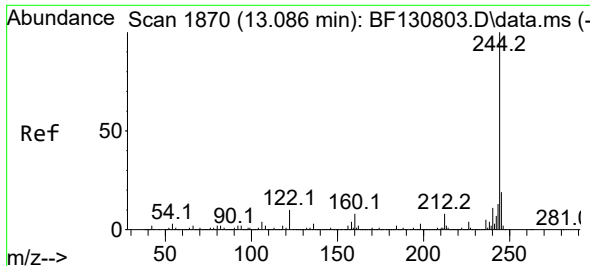
Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.4

236 24.1 20.5 30.7

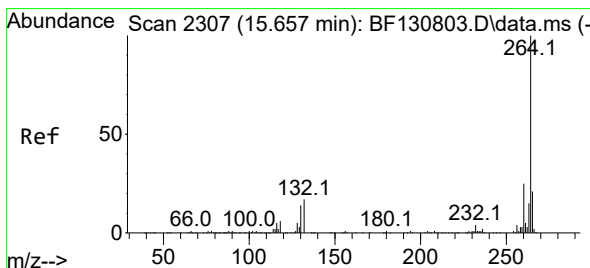
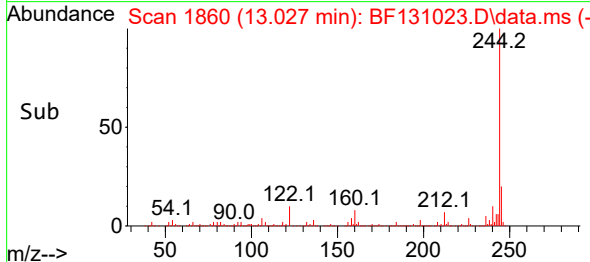
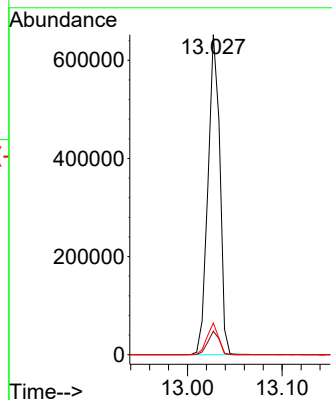
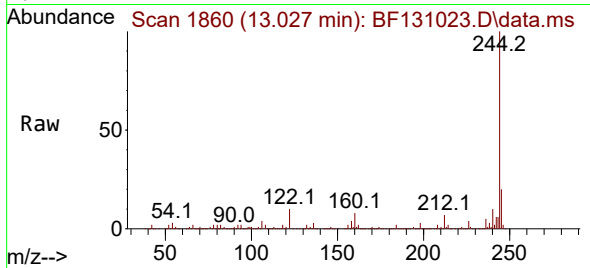




#79
 Terphenyl-d14
 Concen: 66.917 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131023.D
 Acq: 05 Nov 2022 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:244 Resp: 564064
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131023.D
 Acq: 05 Nov 2022 17:05

Tgt Ion:264 Resp: 140745
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 20.8 17.0 25.6

