

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131025.D
 Acq On : 05 Nov 2022 18:12
 Operator : CG\JU
 Sample : N5335-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Nov 07 00:50:29 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	79269	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	292114	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	138862	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	240807	20.000	ng	0.00
76) Chrysene-d12	14.086	240	184337	20.000	ng	0.00
86) Perylene-d12	15.586	264	133159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	405160	88.608	ng	0.00
7) Phenol-d6	6.522	99	523837	88.159	ng	0.00
23) Nitrobenzene-d5	7.463	82	342416	70.682	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	115585	98.880	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	608112	66.209	ng	0.00
79) Terphenyl-d14	13.027	244	516141	51.308	ng	0.00

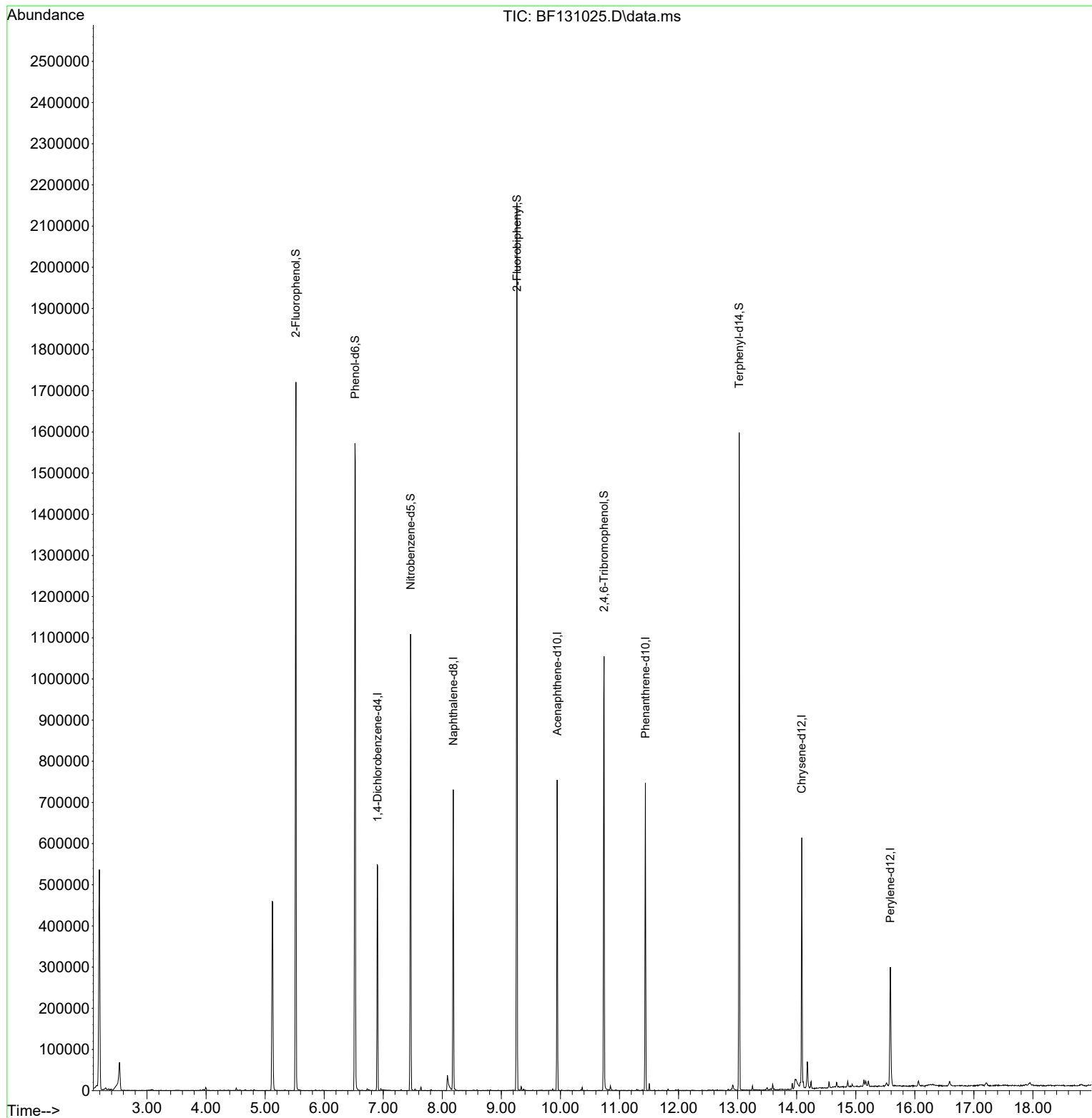
Target Compounds	Qvalue

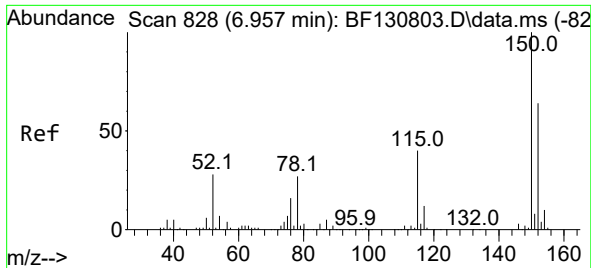
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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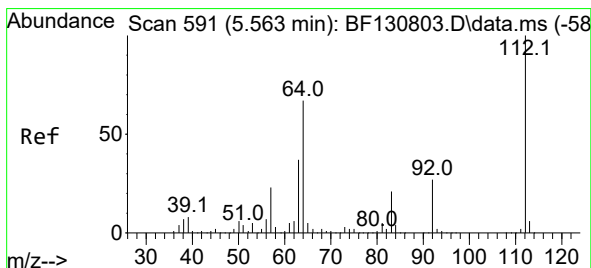
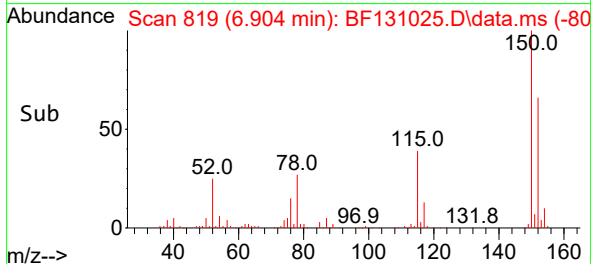
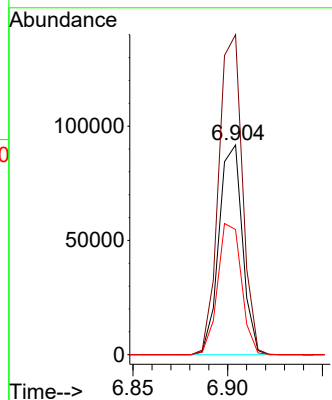
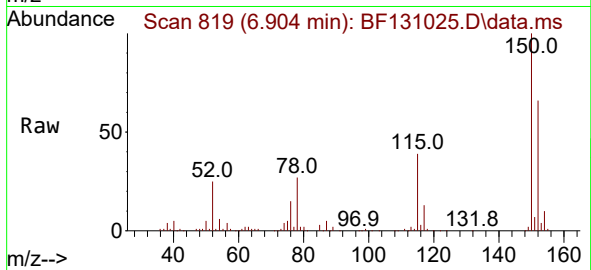




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131025.D
 Acq: 05 Nov 2022 18:12

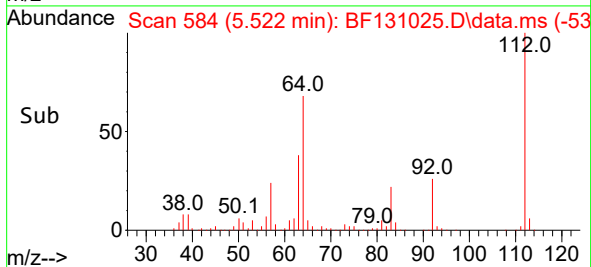
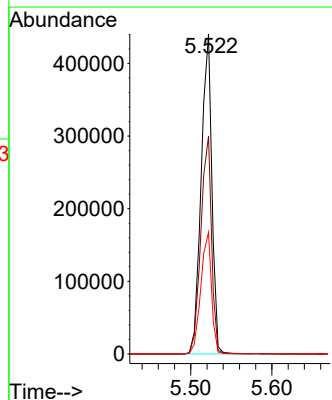
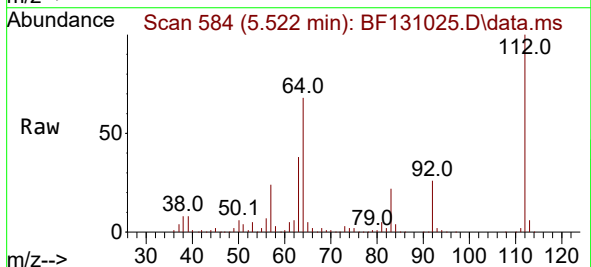
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:152 Resp: 79269
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.1 186.1
 115 59.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 88.608 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.006 min
 Lab File: BF131025.D
 Acq: 05 Nov 2022 18:12

Tgt Ion:112 Resp: 405160
 Ion Ratio Lower Upper
 112 100
 64 68.1 53.9 80.9
 63 38.0 29.4 44.2

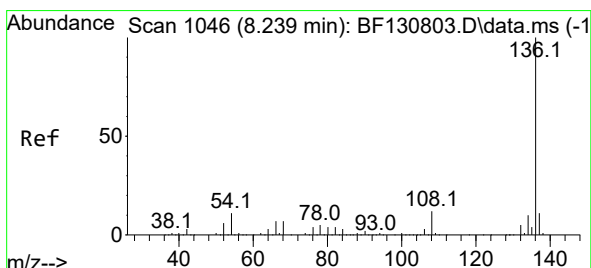
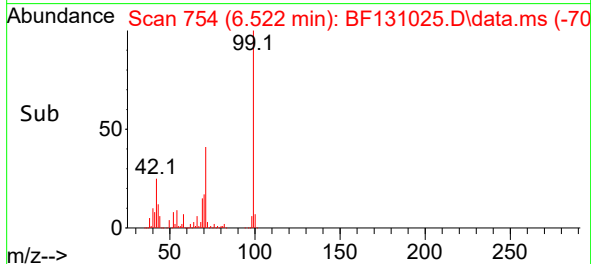
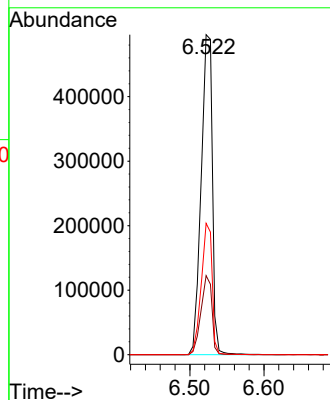
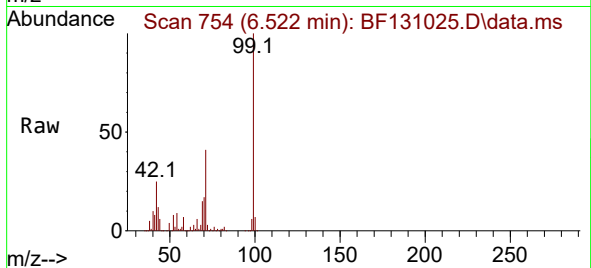




#7
Phenol-d6
Concen: 88.159 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131025.D
Acq: 05 Nov 2022 18:12

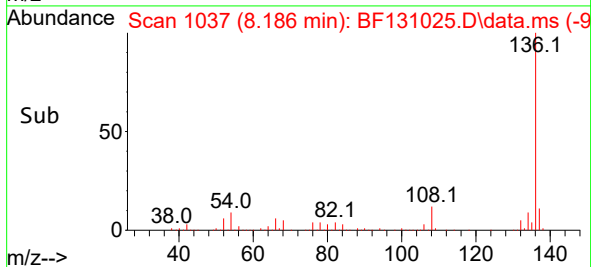
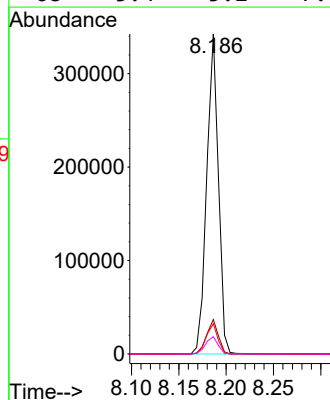
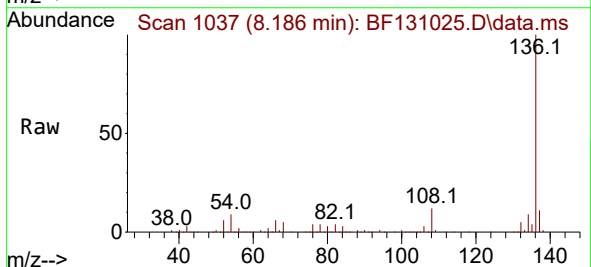
Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion: 99 Resp: 523837
Ion Ratio Lower Upper
99 100
42 24.7 18.8 28.2
71 41.0 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: BF131025.D
Acq: 05 Nov 2022 18:12

Tgt Ion: 136 Resp: 292114
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.5 8.8 13.2
68 5.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 70.682 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131025.D

Acq: 05 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

SB-1

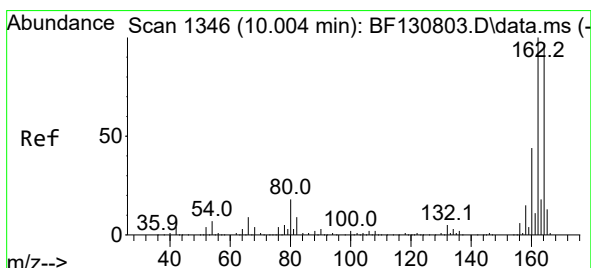
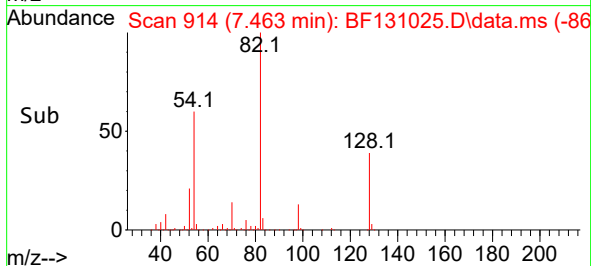
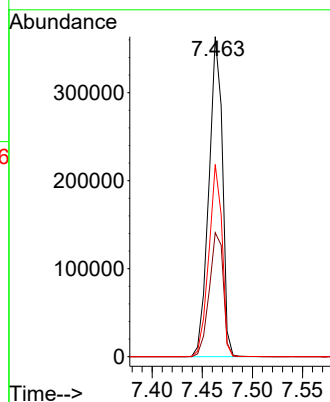
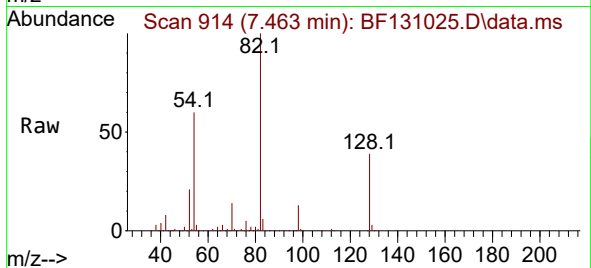
Tgt Ion: 82 Resp: 342416

Ion Ratio Lower Upper

82 100

128 38.8 31.2 46.8

54 60.0 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: BF131025.D

Acq: 05 Nov 2022 18:12

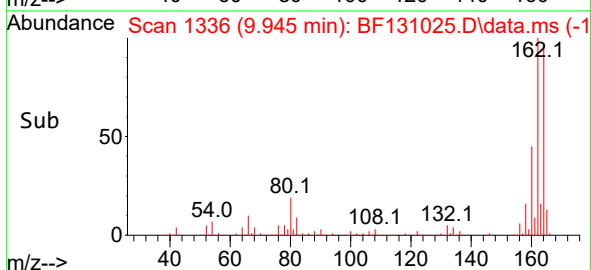
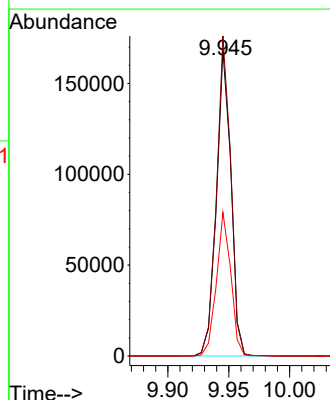
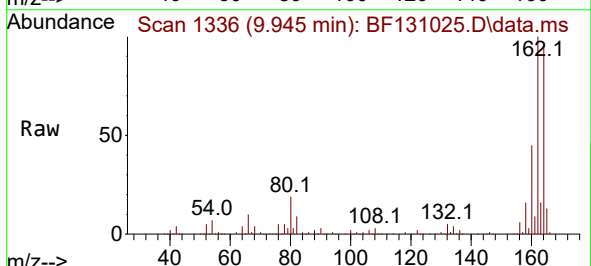
Tgt Ion:164 Resp: 138862

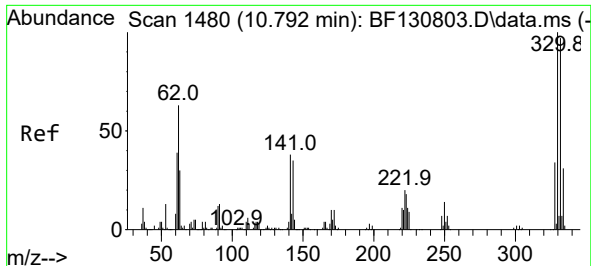
Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

160 46.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 98.880 ng

RT: 10.739 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF131025.D

Acq: 05 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

SB-1

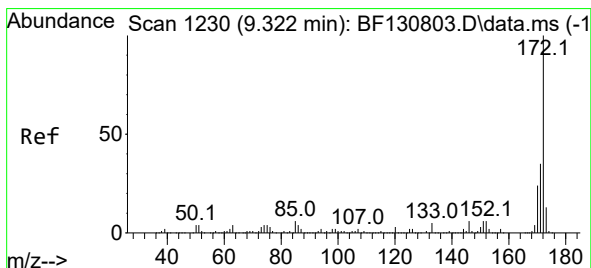
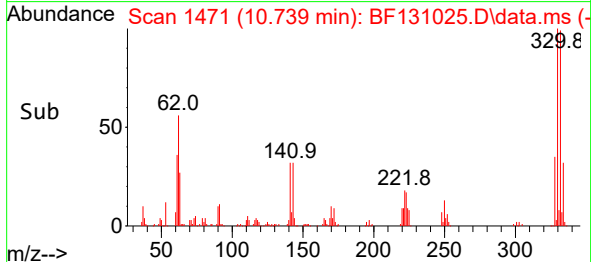
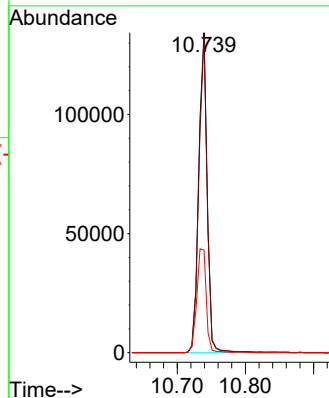
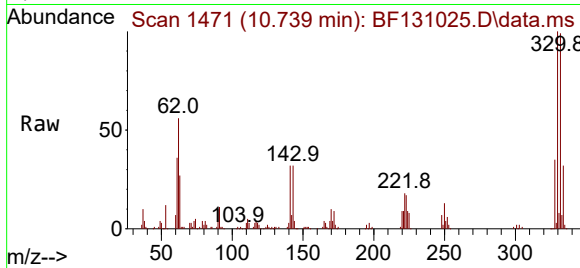
Tgt Ion:330 Resp: 115585

Ion Ratio Lower Upper

330 100

332 97.3 76.2 114.4

141 36.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 66.209 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131025.D

Acq: 05 Nov 2022 18:12

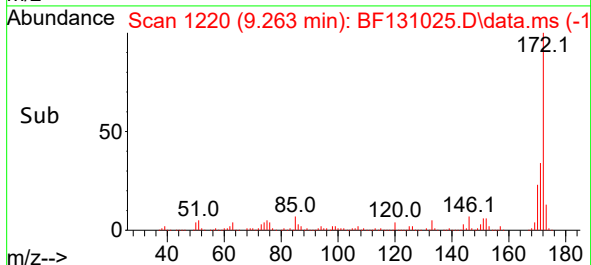
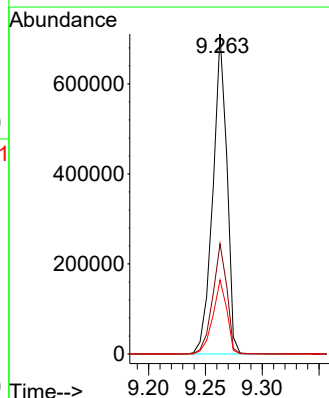
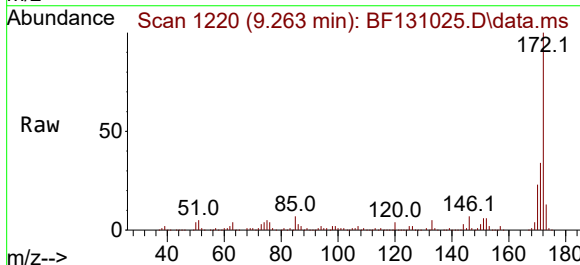
Tgt Ion:172 Resp: 608112

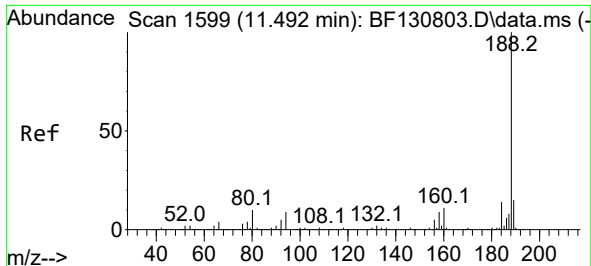
Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.1 19.0 28.4

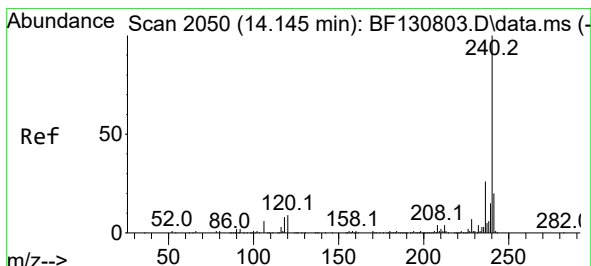
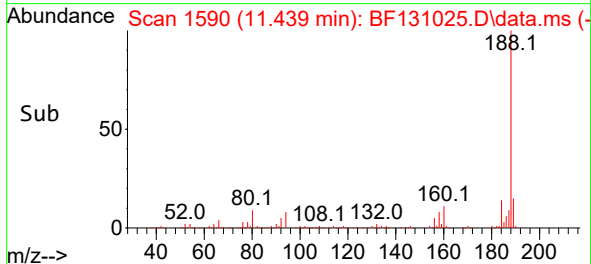
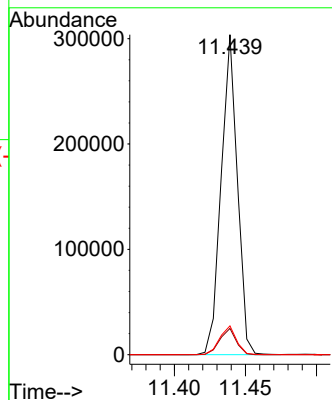
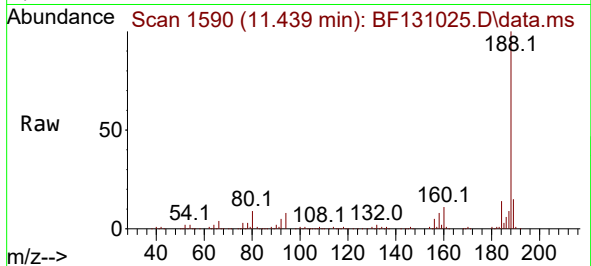




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131025.D
Acq: 05 Nov 2022 18:12

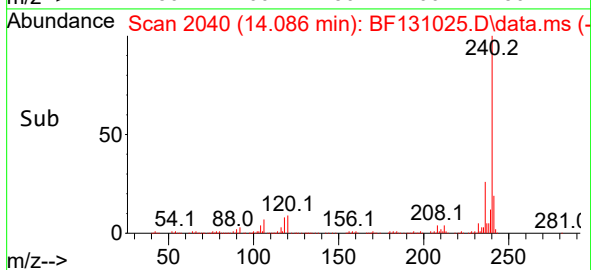
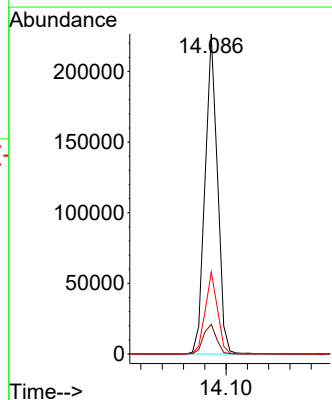
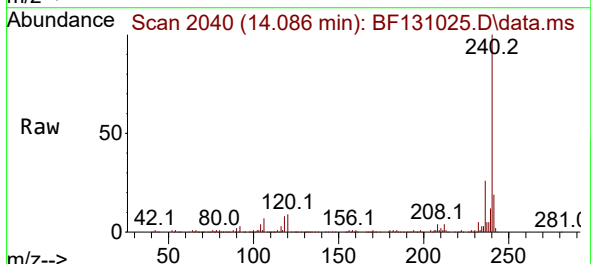
Instrument :
BNA_F
ClientSampleId :
SB-1

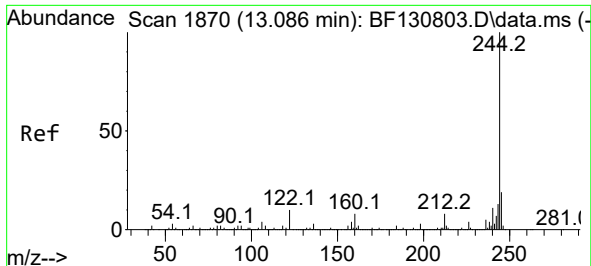
Tgt Ion:188 Resp: 240807
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131025.D
Acq: 05 Nov 2022 18:12

Tgt Ion:240 Resp: 184337
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 25.6 20.5 30.7

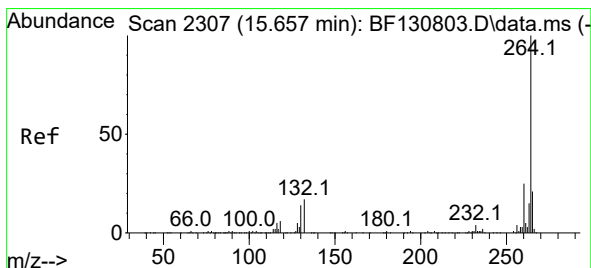
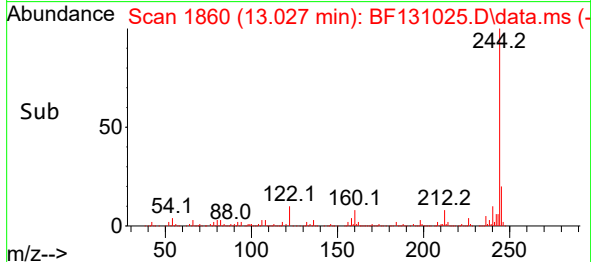
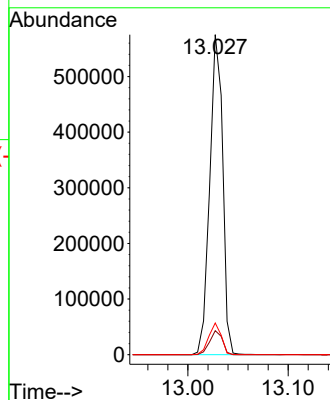
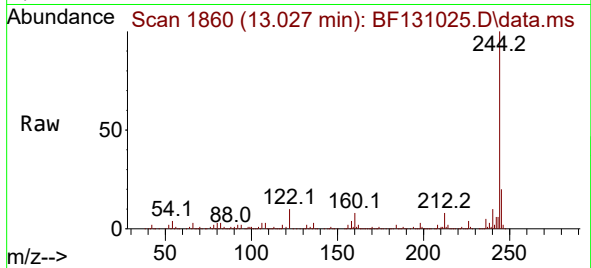




#79
 Terphenyl-d14
 Concen: 51.308 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131025.D
 Acq: 05 Nov 2022 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tgt Ion:244 Resp: 516141
 Ion Ratio Lower Upper
 244 100
 212 7.5 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: BF131025.D
 Acq: 05 Nov 2022 18:12

Tgt Ion:264 Resp: 133159
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.9 29.9
 265 21.5 17.0 25.6

