

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131031.D
 Acq On : 05 Nov 2022 21:32
 Operator : CG\JU
 Sample : N5378-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-20221028-10.5-11.5

Quant Time: Nov 07 00:52:20 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)

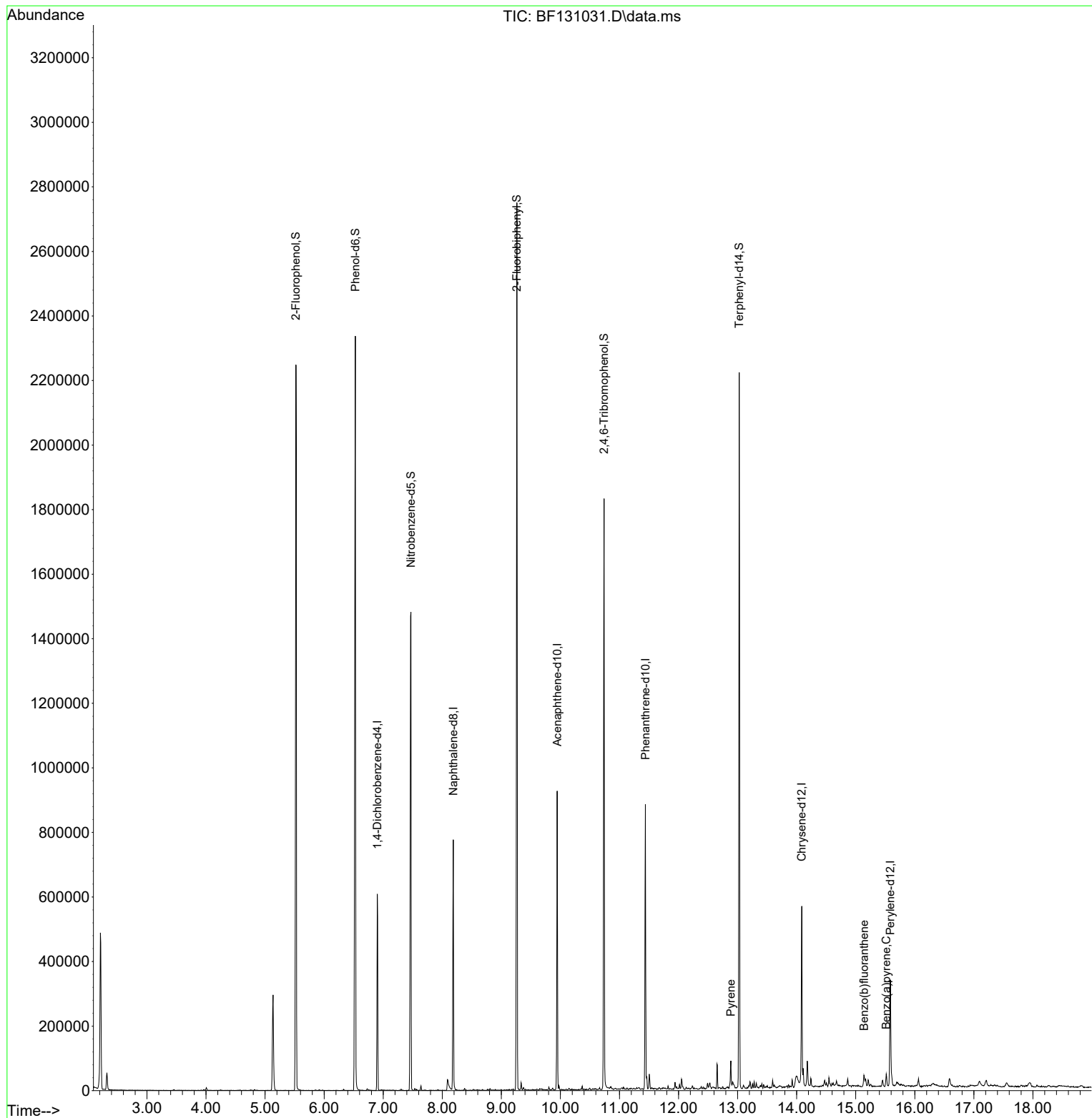
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	84296	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	309695	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	166846	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	289295	20.000	ng	0.00
76) Chrysene-d12	14.086	240	167513	20.000	ng	0.00
86) Perylene-d12	15.586	264	140276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	609156	125.278	ng	0.00
7) Phenol-d6	6.528	99	773413	122.400	ng	0.00
23) Nitrobenzene-d5	7.469	82	519794	101.206	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	195360	139.095	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	809648	73.367	ng	0.00
79) Terphenyl-d14	13.027	244	733985	80.292	ng	0.00
Target Compounds						
						Qvalue
78) Pyrene	12.886	202	33370	2.361	ng	97
88) Benzo(b)fluoranthene	15.139	252	20350	2.244	ng	95
90) Benzo(a)pyrene	15.516	252	17744	2.434	ng	98

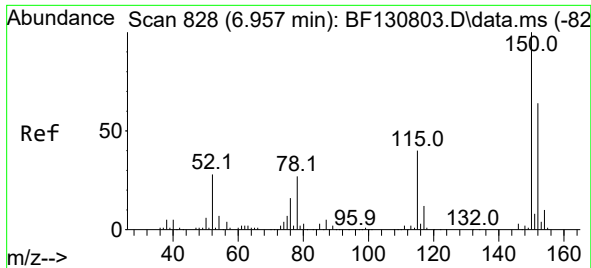
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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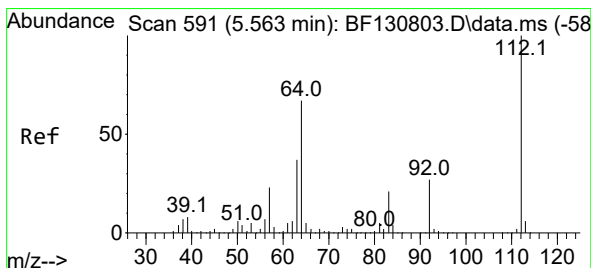
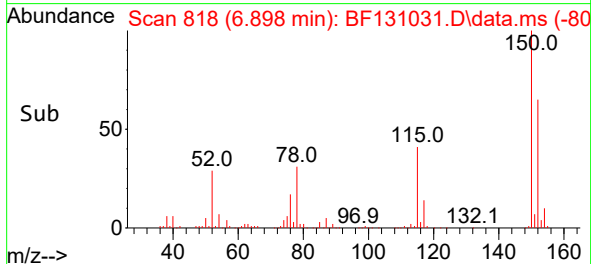
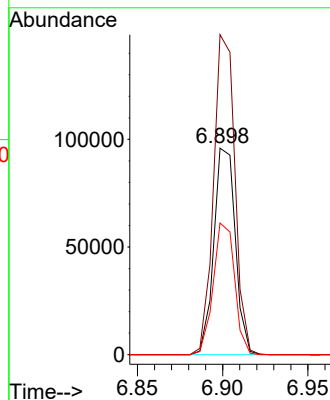
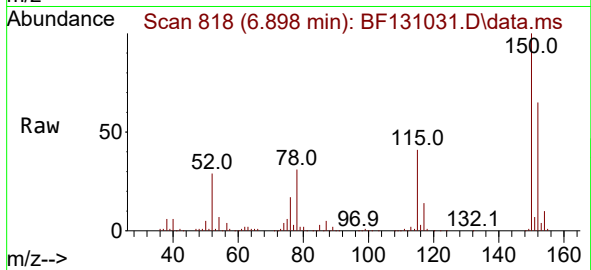




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

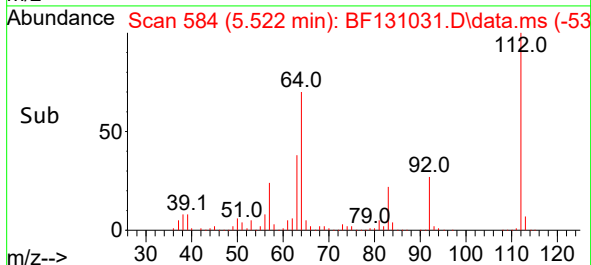
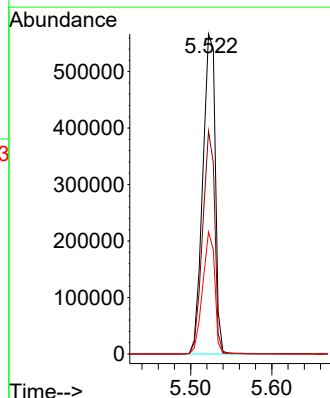
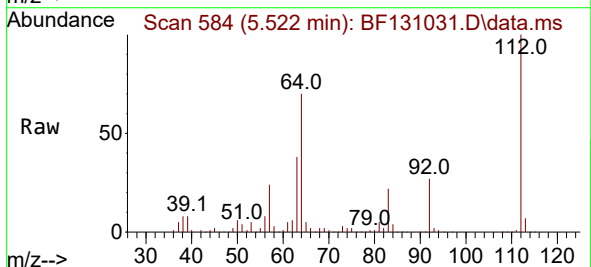
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

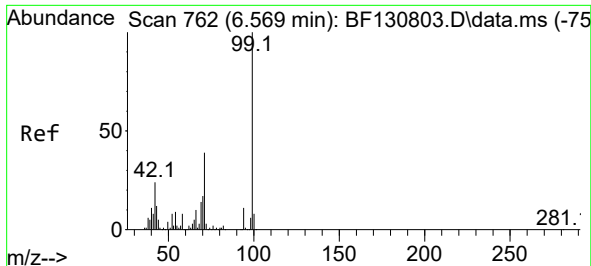
Tgt Ion:152 Resp: 84296
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 63.7 50.1 75.1



#5
2-Fluorophenol
Concen: 125.278 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion:112 Resp: 609156
Ion Ratio Lower Upper
112 100
64 69.6 53.9 80.9
63 38.1 29.4 44.2

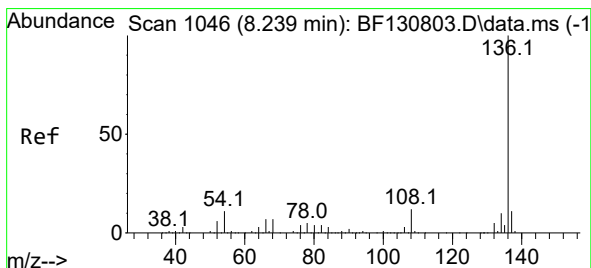
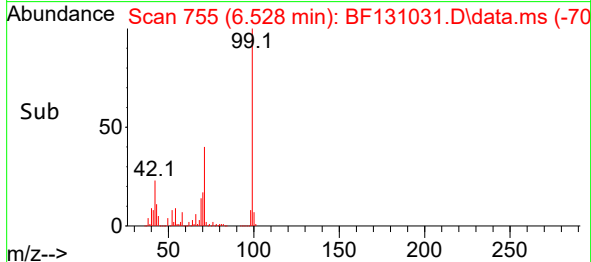
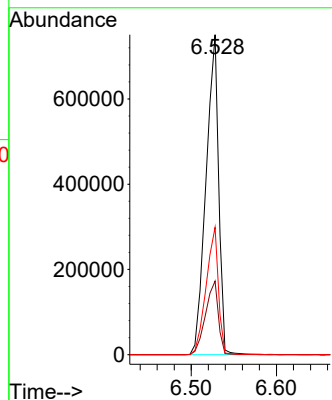
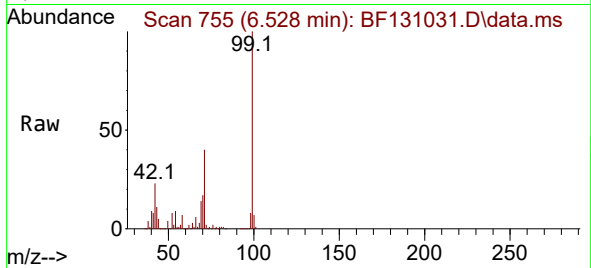




#7
Phenol-d6
Concen: 122.400 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

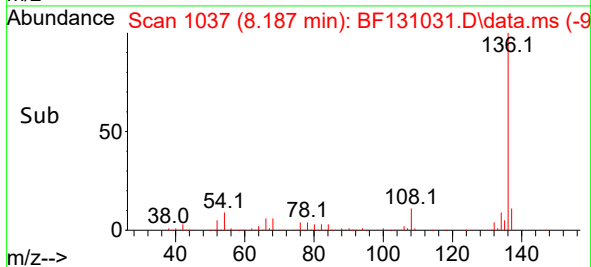
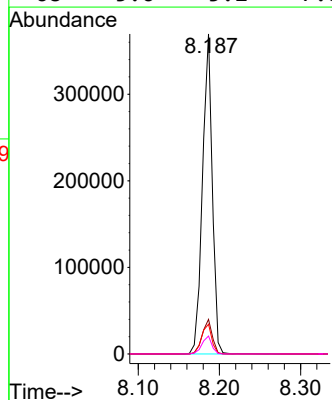
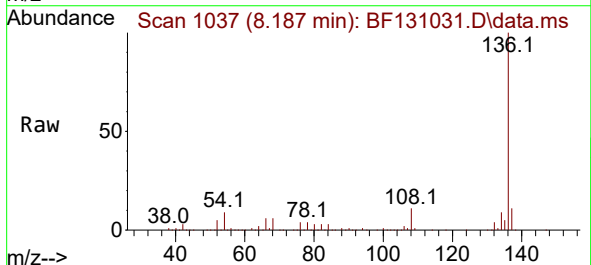
Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5

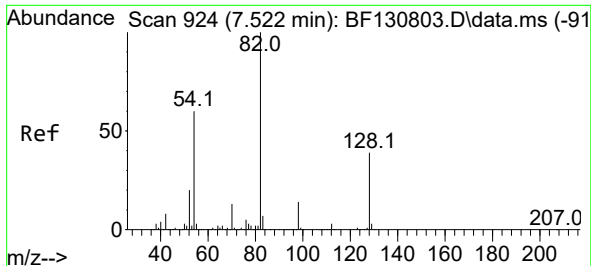
Tgt Ion: 99 Resp: 773413
Ion Ratio Lower Upper
99 100
42 23.0 18.8 28.2
71 39.8 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion: 136 Resp: 309695
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.3 8.8 13.2
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 101.206 ng

RT: 7.469 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131031.D

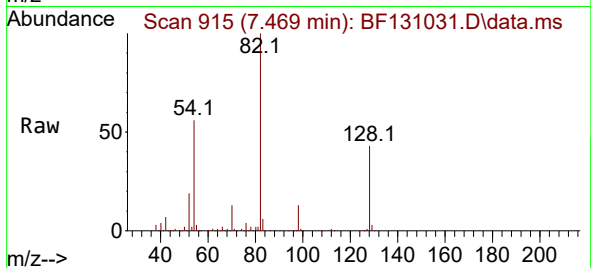
Acq: 05 Nov 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5



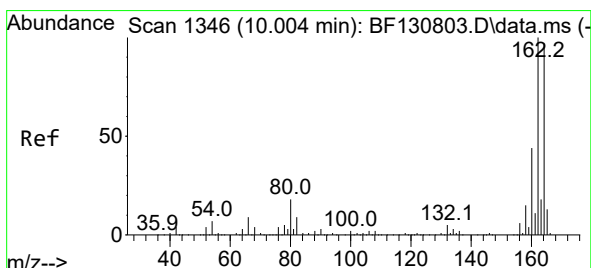
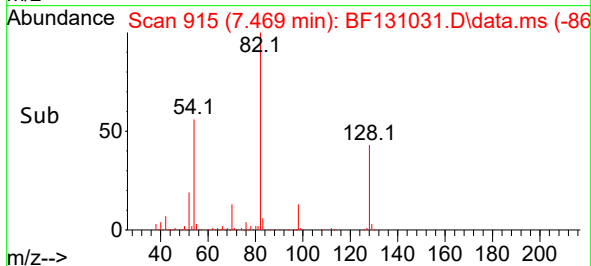
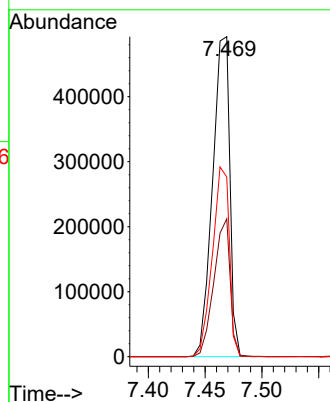
Tgt Ion: 82 Resp: 519794

Ion Ratio Lower Upper

82 100

128 43.1 31.2 46.8

54 56.1 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: BF131031.D

Acq: 05 Nov 2022 21:32

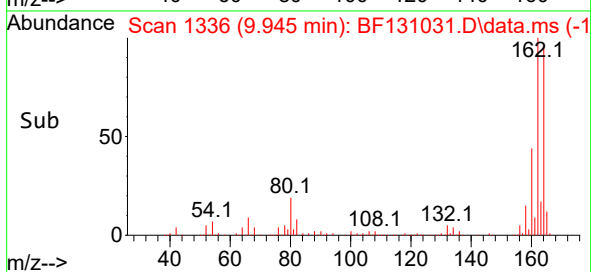
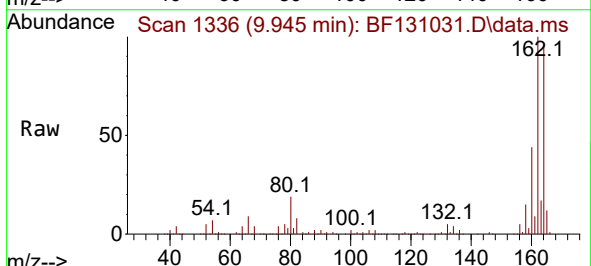
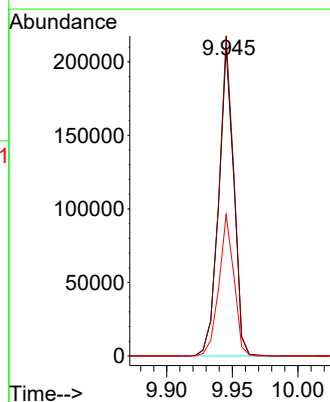
Tgt Ion: 164 Resp: 166846

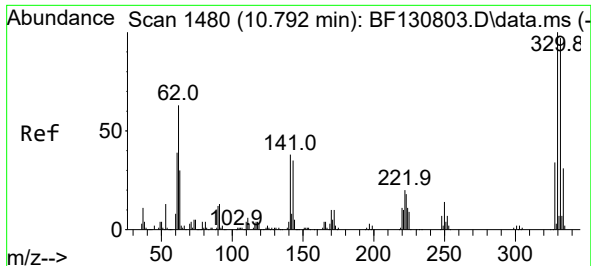
Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 139.095 ng

RT: 10.739 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131031.D

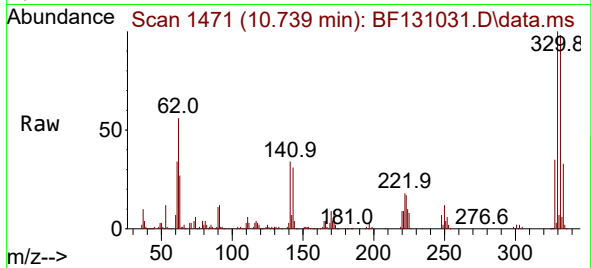
Acq: 05 Nov 2022 21:32

Instrument :

BNA_F

ClientSampleId :

SB-16-20221028-10.5-11.5



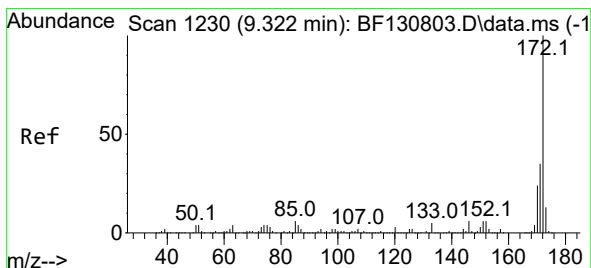
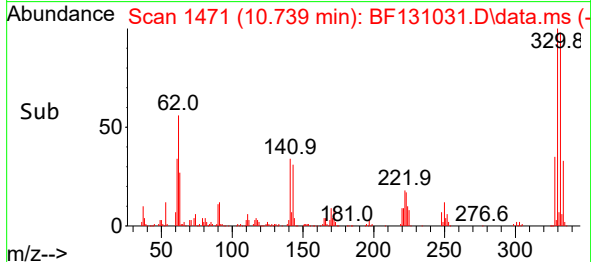
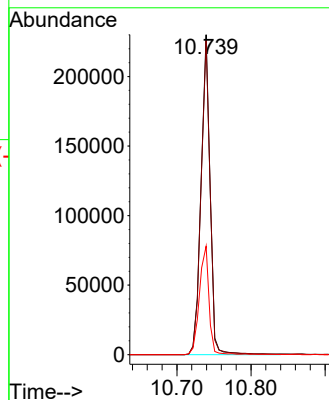
Tgt Ion:330 Resp: 195360

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 35.8 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 73.367 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131031.D

Acq: 05 Nov 2022 21:32

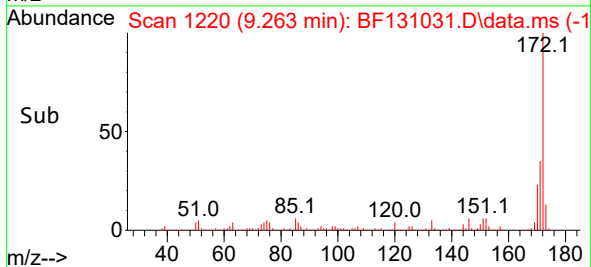
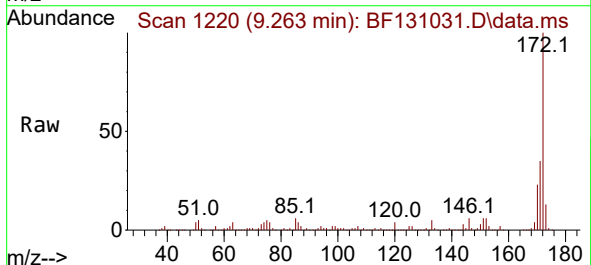
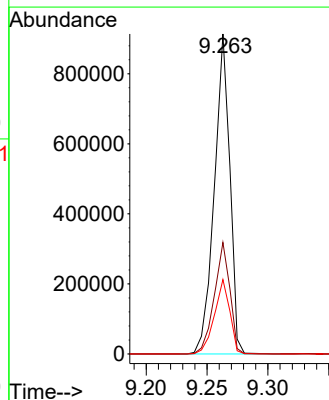
Tgt Ion:172 Resp: 809648

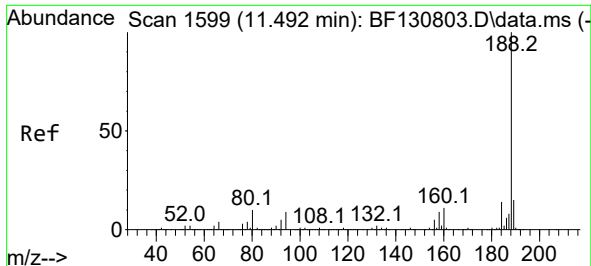
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.2 19.0 28.4

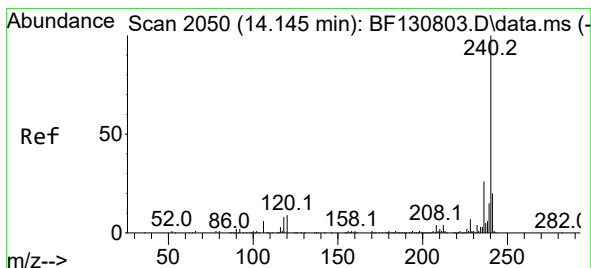
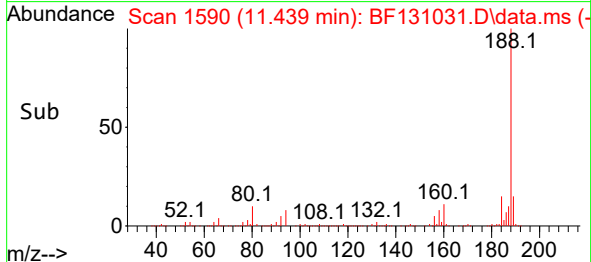
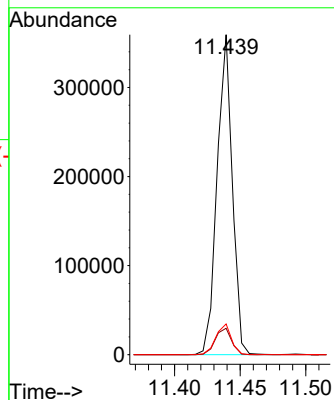
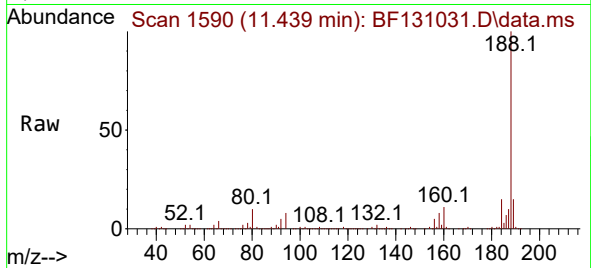




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

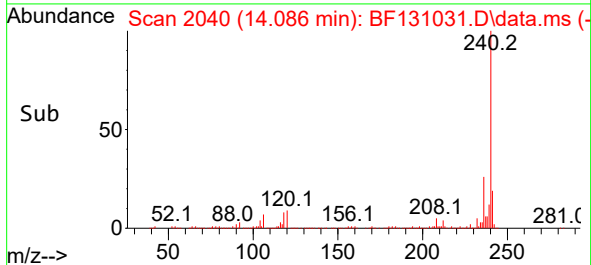
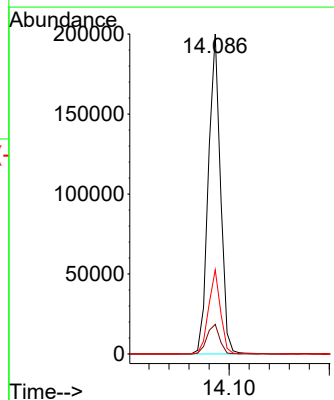
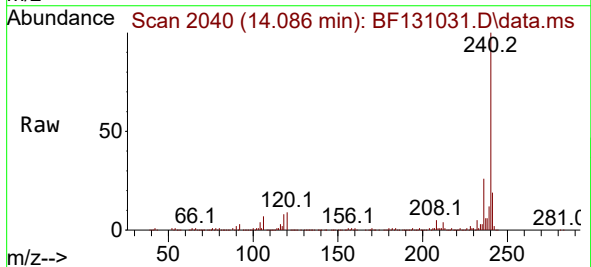
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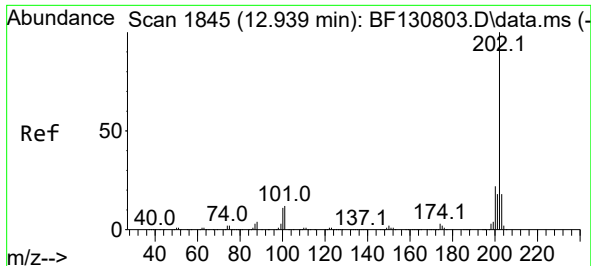
Tgt Ion:188 Resp: 289295
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion:240 Resp: 167513
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 26.3 20.5 30.7

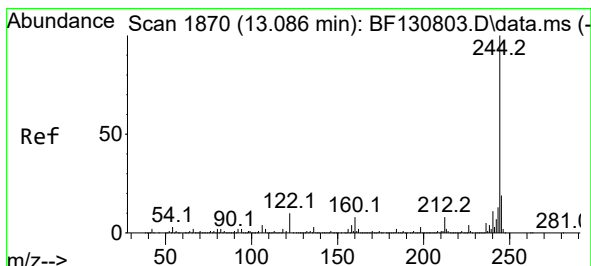
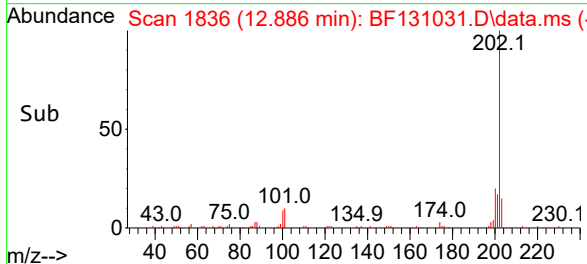
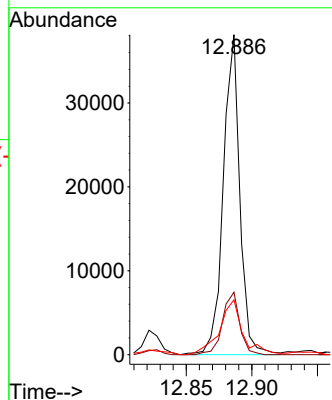
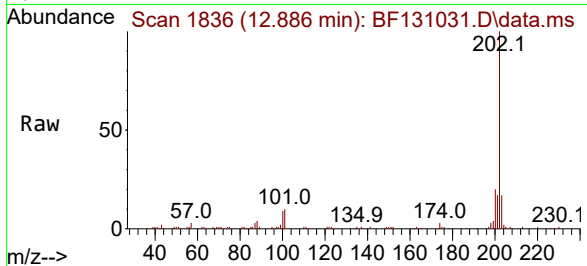




#78
Pyrene
Concen: 2.361 ng
RT: 12.886 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

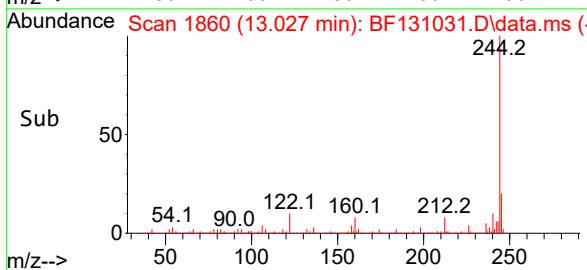
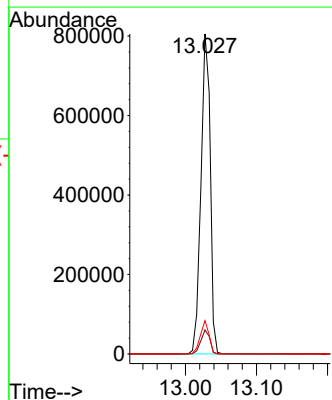
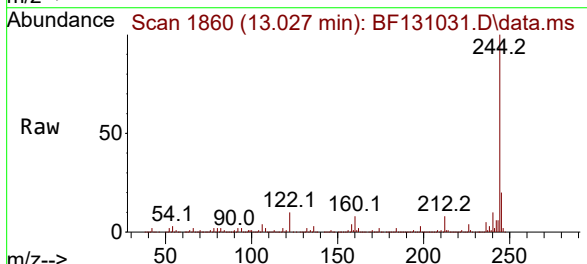
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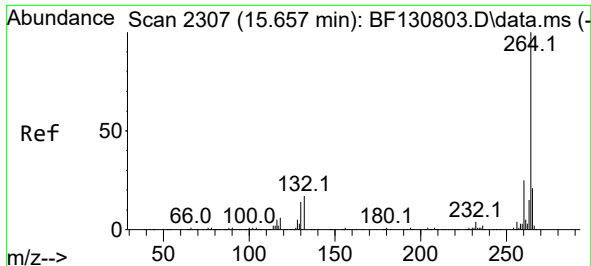
Tgt Ion:202 Resp: 33370
Ion Ratio Lower Upper
202 100
200 19.5 17.2 25.8
203 17.1 14.5 21.7



#79
Terphenyl-d14
Concen: 80.292 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Tgt Ion:244 Resp: 733985
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.4 7.9 11.9

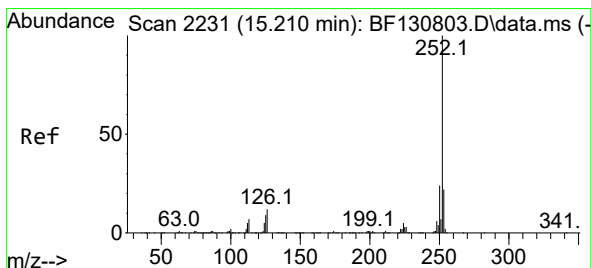
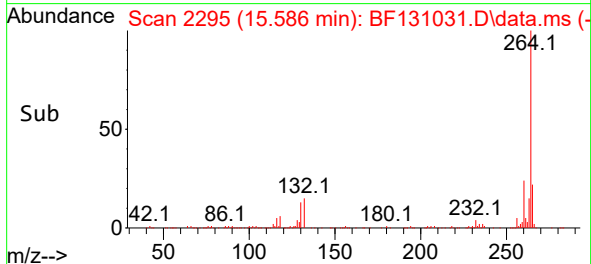
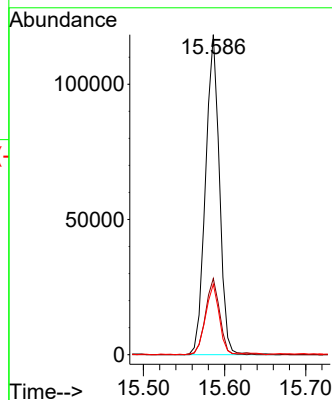
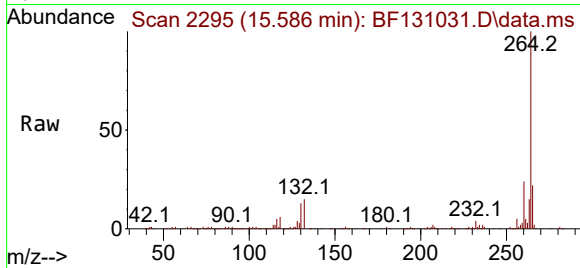




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

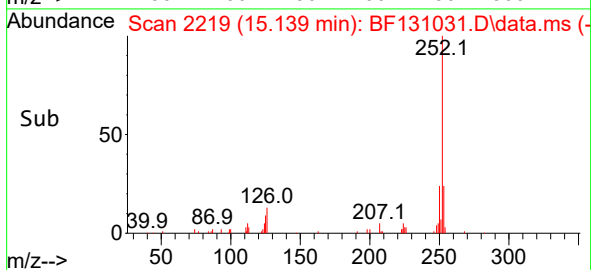
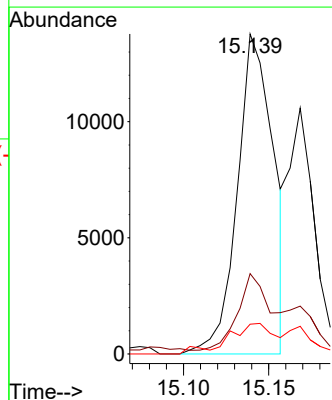
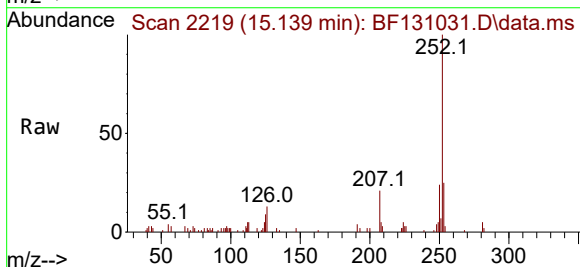
Instrument :
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SB-16-20221028-10.5-11.5

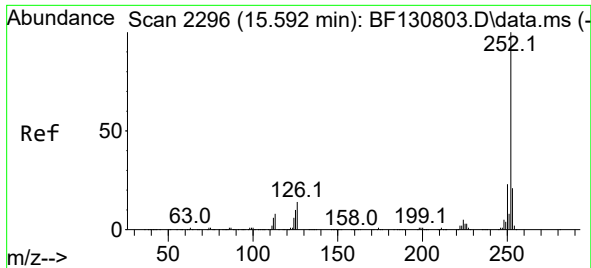
Tgt Ion:264 Resp: 140276
Ion Ratio Lower Upper
264 100
260 23.8 19.9 29.9
265 22.0 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 2.244 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.012 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

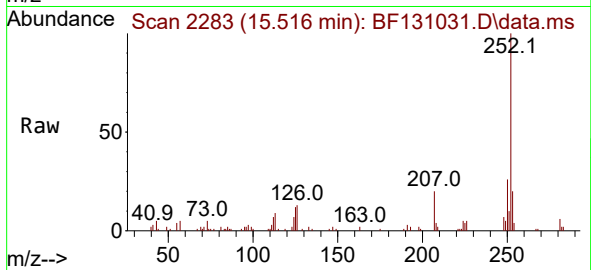
Tgt Ion:252 Resp: 20350
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 9.3 7.0 10.4





#90
Benzo(a)pyrene
Concen: 2.434 ng
RT: 15.516 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131031.D
Acq: 05 Nov 2022 21:32

Instrument :
BNA_F
ClientSampleId :
SB-16-20221028-10.5-11.5



Tgt Ion:252 Resp: 17744
Ion Ratio Lower Upper
252 100
253 20.3 16.8 25.2
125 12.0 8.3 12.5

