

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130210.D
 Acq On : 12 Sep 2022 17:57
 Operator : CG\JU
 Sample : N4551-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-2

Quant Time: Sep 13 14:25:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	100963	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	393230	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	184979	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	275093	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	252119	20.000	ng	-0.02
86) Perylene-d12	15.221	264	295202	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	348703	58.633	ng	-0.02
7) Phenol-d6	6.310	99	254615	34.340	ng	-0.02
23) Nitrobenzene-d5	7.251	82	645955	105.569	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	218680	129.871	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1092014	97.877	ng	-0.01
79) Terphenyl-d14	12.786	244	1006048	69.198	ng	-0.01

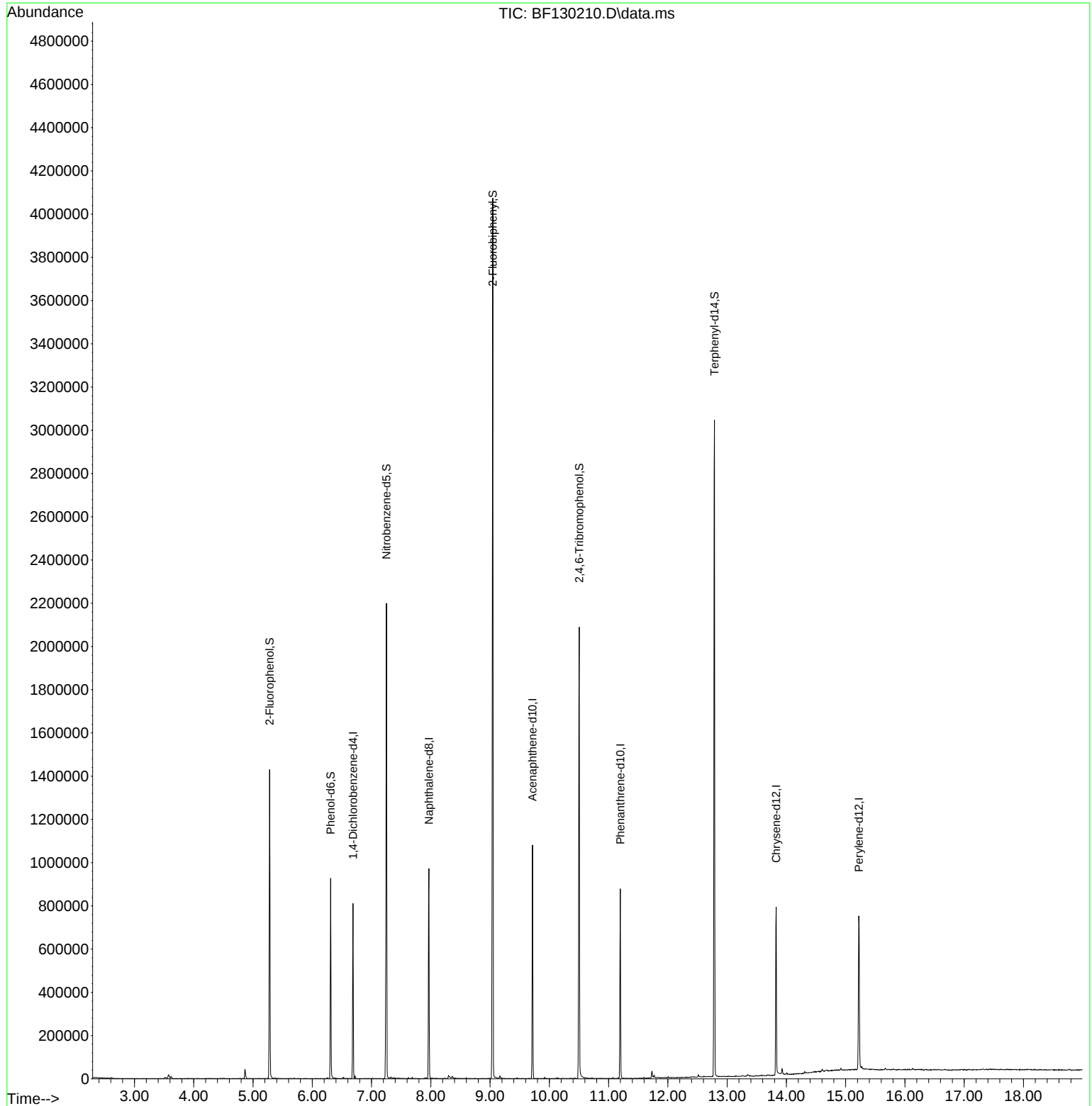
Target Compounds Qvalue

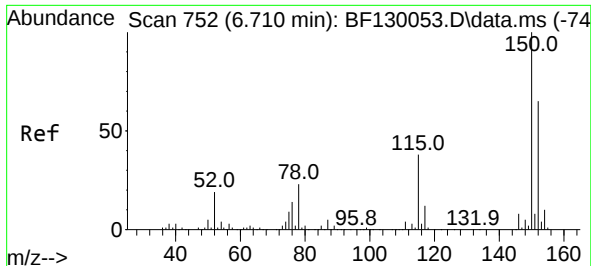
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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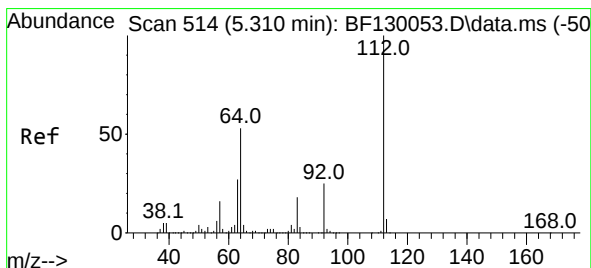
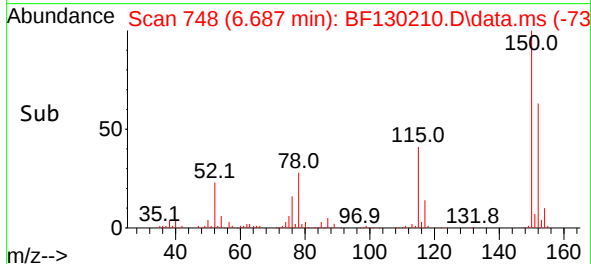
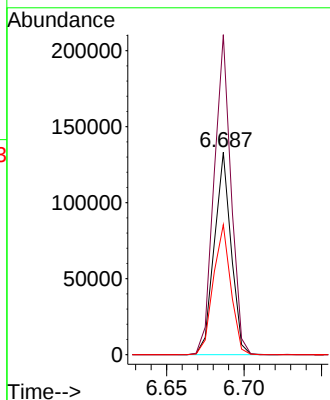
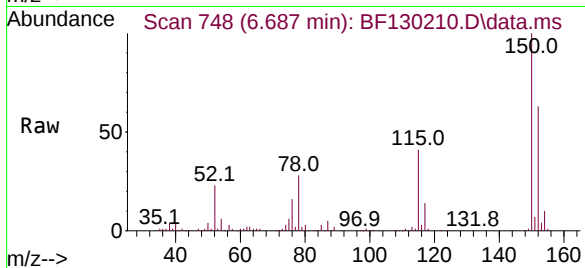




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.011 min
 Lab File: BF130210.D
 Acq: 12 Sep 2022 17:57

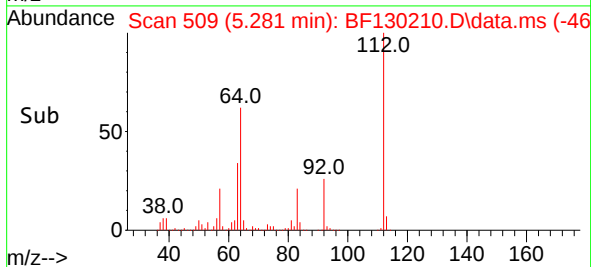
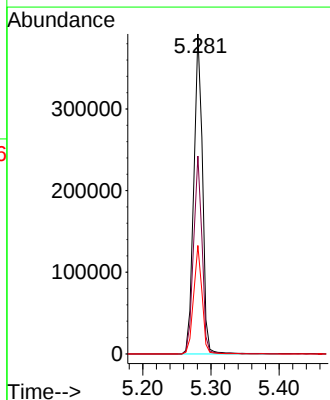
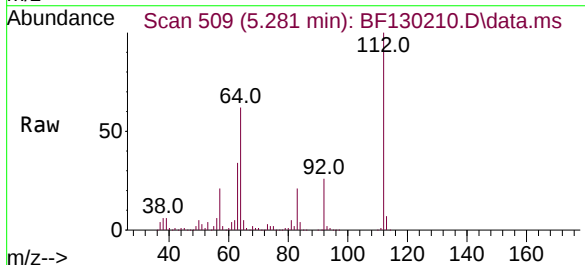
Instrument :
 BNA_F
 ClientSampleId :
 251032-2

Tgt Ion:152 Resp: 100963
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.9 190.3
 115 64.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 58.633 ng
 RT: 5.281 min Scan# 509
 Delta R.T. -0.018 min
 Lab File: BF130210.D
 Acq: 12 Sep 2022 17:57

Tgt Ion:112 Resp: 348703
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.6 71.4
 63 33.9 24.6 37.0

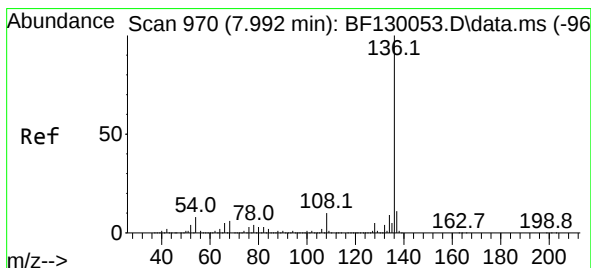
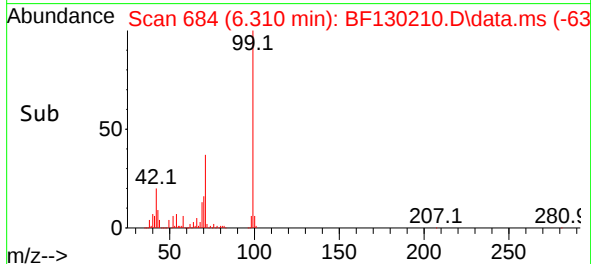
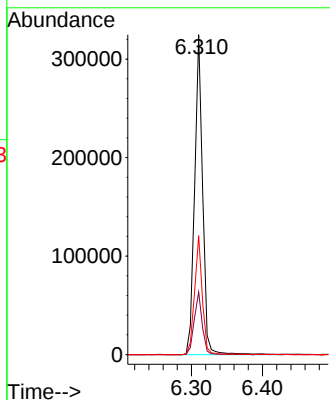
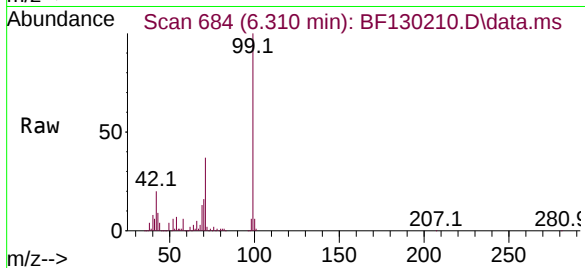




#7
Phenol-d6
Concen: 34.340 ng
RT: 6.310 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

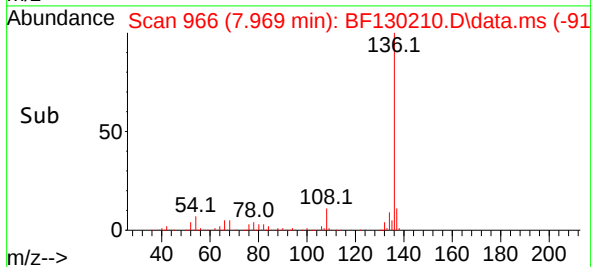
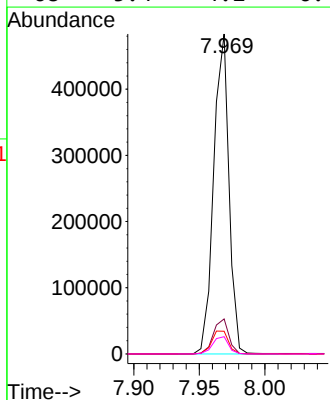
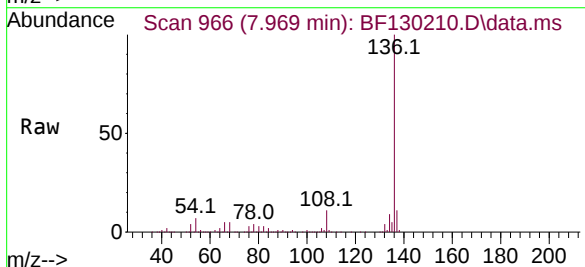
Instrument :
BNA_F
ClientSampleId :
251032-2

Tgt Ion: 99 Resp: 254615
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 37.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion: 136 Resp: 393230
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.1 6.2 9.2
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 105.569 ng

RT: 7.251 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF130210.D

Acq: 12 Sep 2022 17:57

Instrument :

BNA_F

ClientSampleId :

251032-2

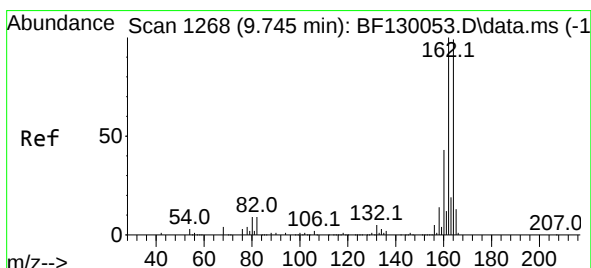
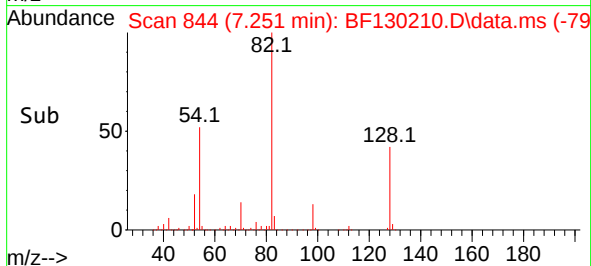
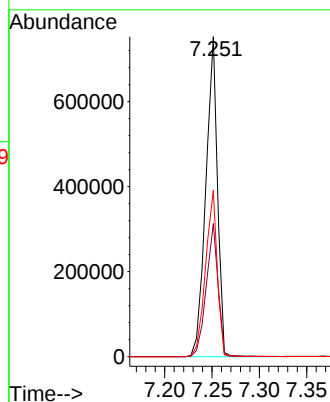
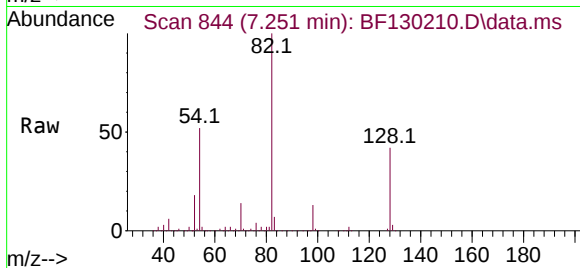
Tgt Ion: 82 Resp: 645955

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

54 51.9 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.018 min

Lab File: BF130210.D

Acq: 12 Sep 2022 17:57

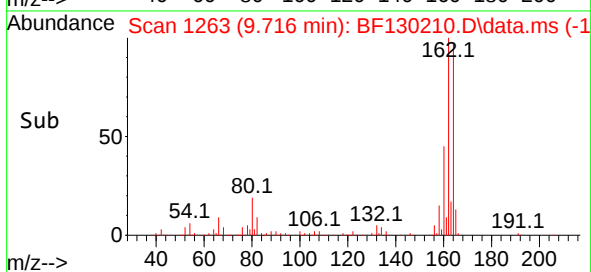
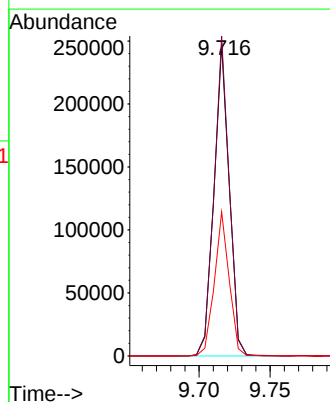
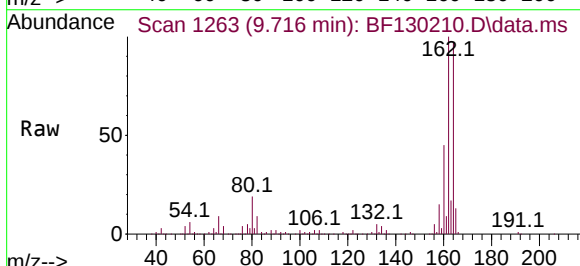
Tgt Ion: 164 Resp: 184979

Ion Ratio Lower Upper

164 100

162 102.8 82.0 123.0

160 46.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 129.871 ng

RT: 10.504 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF130210.D

Acq: 12 Sep 2022 17:57

Instrument :

BNA_F

ClientSampleId :

251032-2

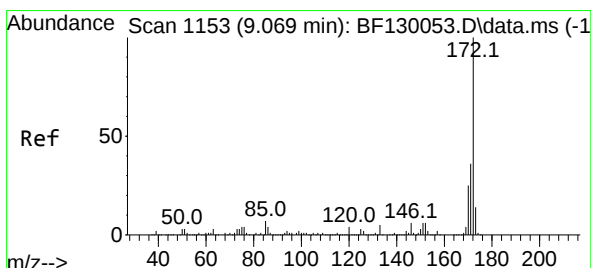
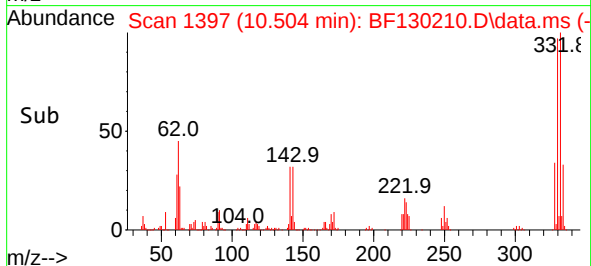
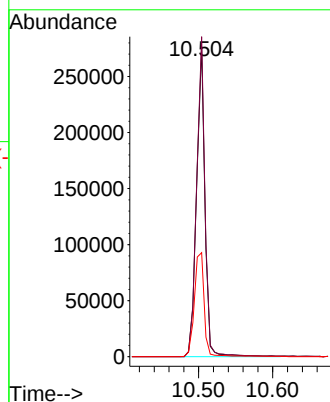
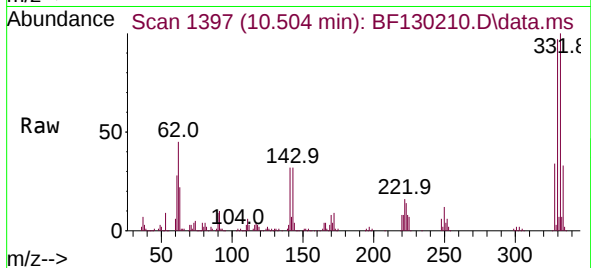
Tgt Ion:330 Resp: 218680

Ion Ratio Lower Upper

330 100

332 102.7 82.6 124.0

141 39.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 97.877 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130210.D

Acq: 12 Sep 2022 17:57

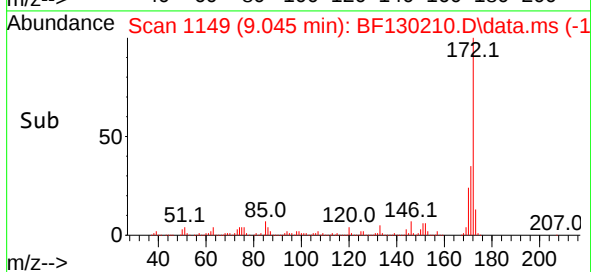
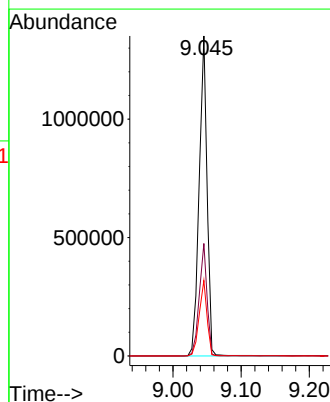
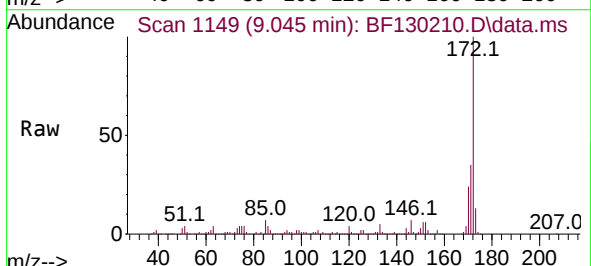
Tgt Ion:172 Resp: 1092014

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 19.1 28.7

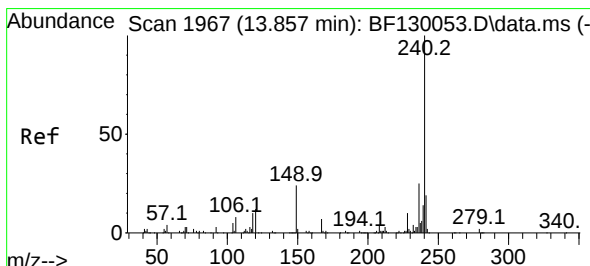
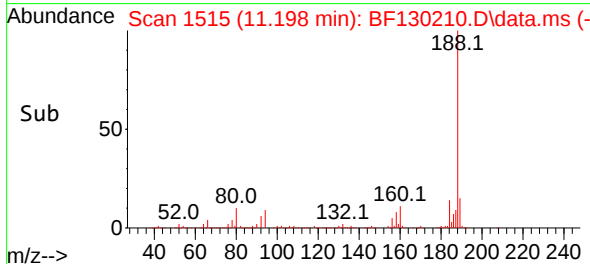
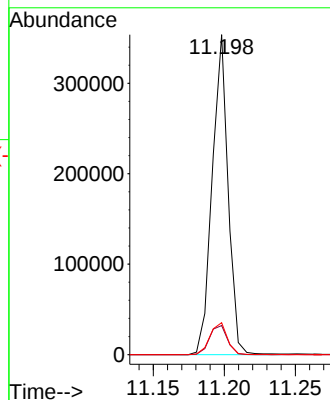
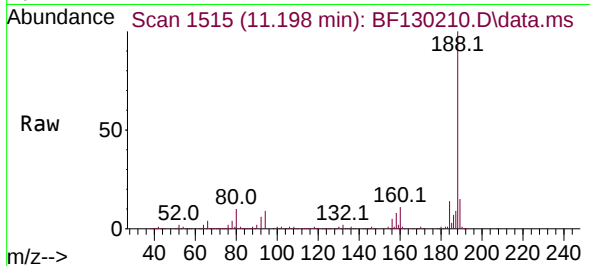




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.198 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

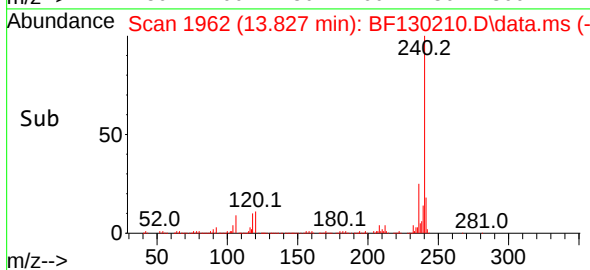
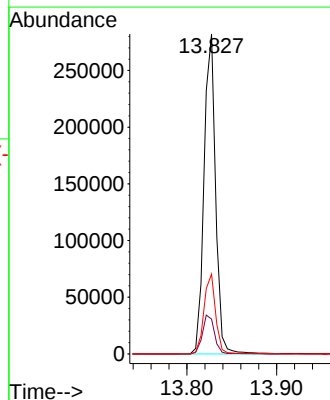
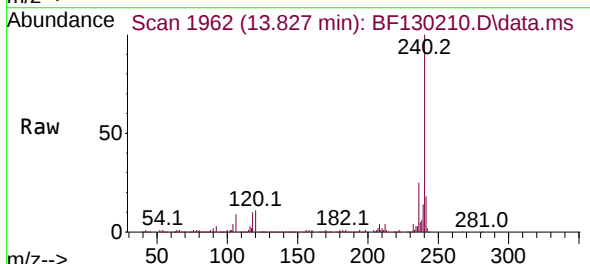
Instrument :
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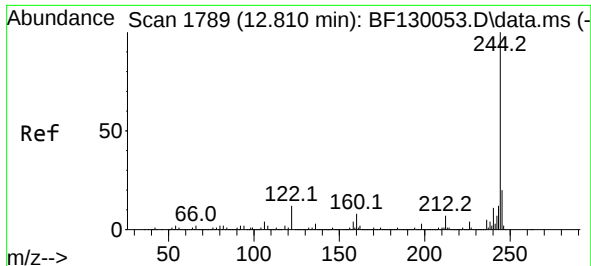
Tgt Ion:188 Resp: 275093
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

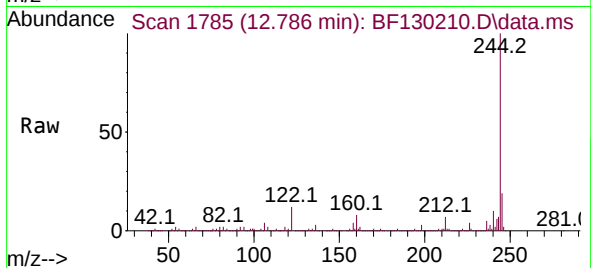
Tgt Ion:240 Resp: 252119
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 24.9 20.7 31.1



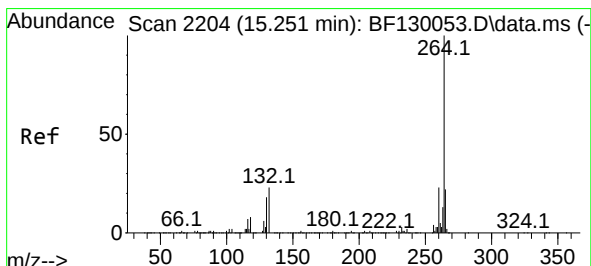
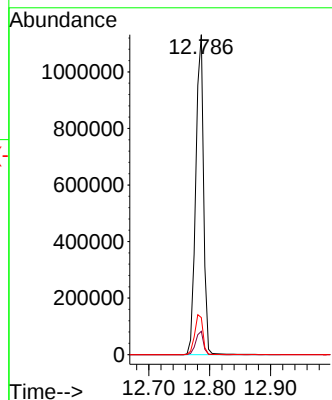
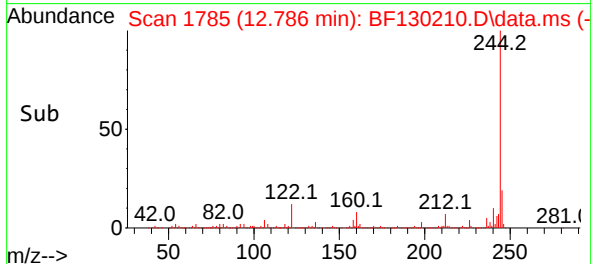


#79
 Terphenyl-d14
 Concen: 69.198 ng
 RT: 12.786 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130210.D
 Acq: 12 Sep 2022 17:57

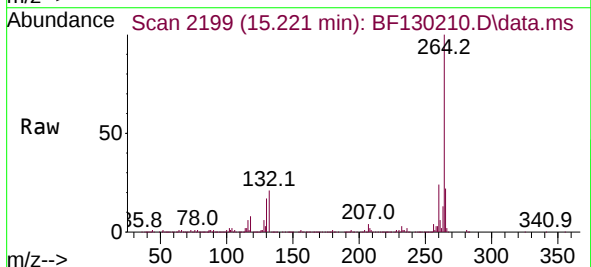
Instrument :
 BNA_F
 ClientSampleId :
 251032-2



Tgt Ion:244 Resp: 1006048
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.221 min Scan# 2199
 Delta R.T. -0.018 min
 Lab File: BF130210.D
 Acq: 12 Sep 2022 17:57



Tgt Ion:264 Resp: 295202
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.5 16.7 25.1

