

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130211.D
 Acq On : 12 Sep 2022 18:30
 Operator : CG\JU
 Sample : N4553-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256074-1

Quant Time: Sep 13 14:26:21 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	6.686	152	140971	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	417198	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	252797	20.000	ng	-0.02
64) Phenanthrene-d10	11.192	188	344672	20.000	ng	#-0.02
76) Chrysene-d12	13.827	240	228203	20.000	ng	-0.02
86) Perylene-d12	15.221	264	275297	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	667890	80.431	ng	-0.01
7) Phenol-d6	6.310	99	621126	59.997	ng	-0.02
23) Nitrobenzene-d5	7.251	82	737956	113.676	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	298044	129.519	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1508822	98.955	ng	-0.01
79) Terphenyl-d14	12.786	244	1107746	84.178	ng	-0.01

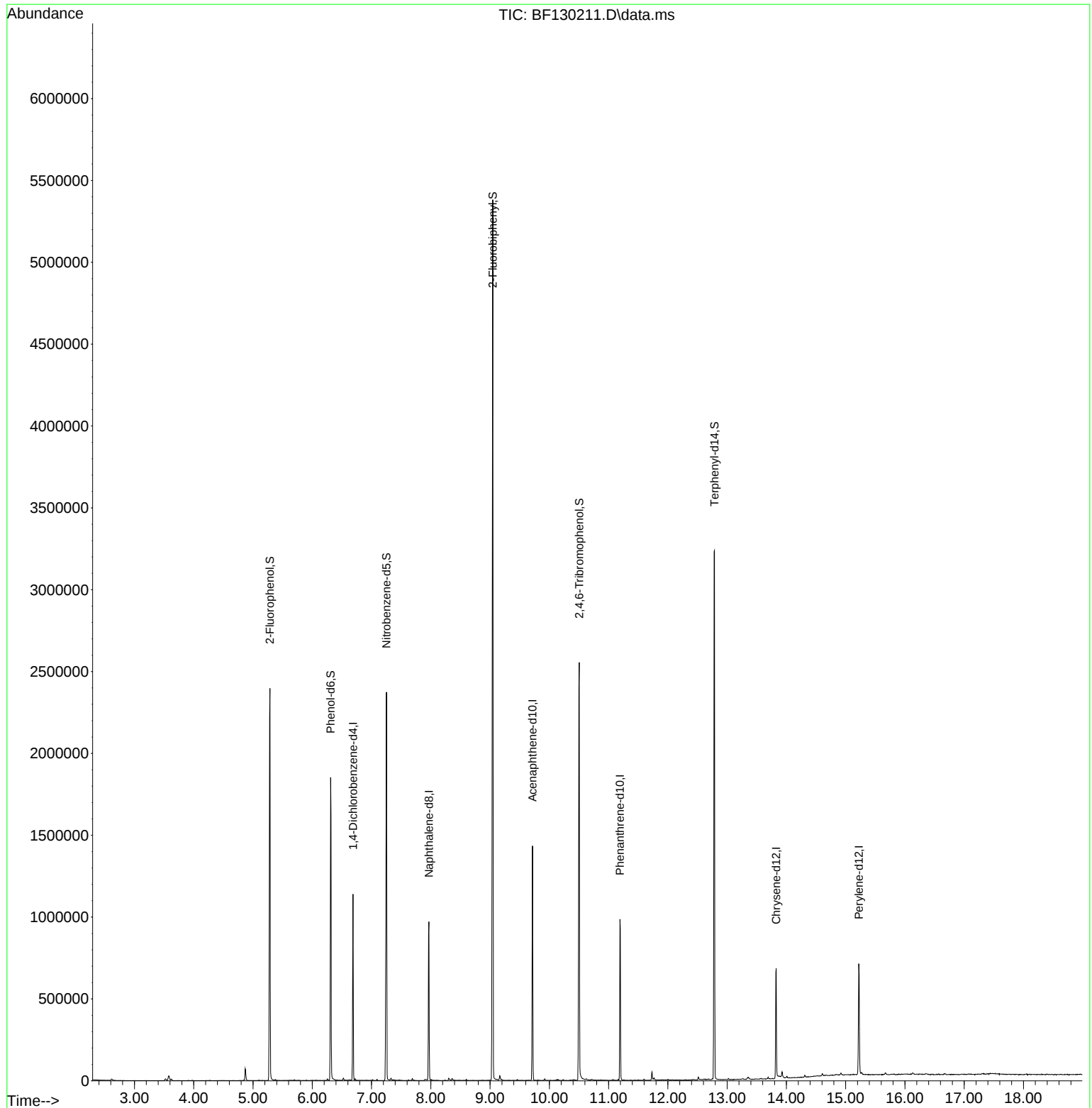
Target Compounds	Qvalue
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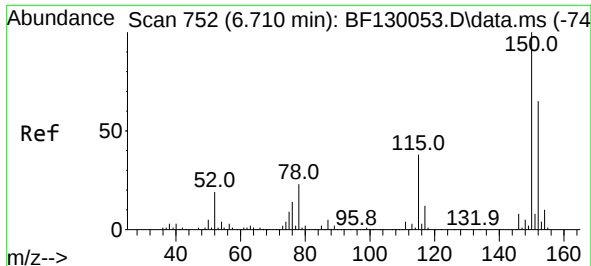
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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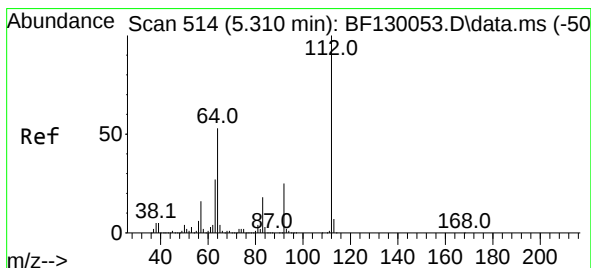
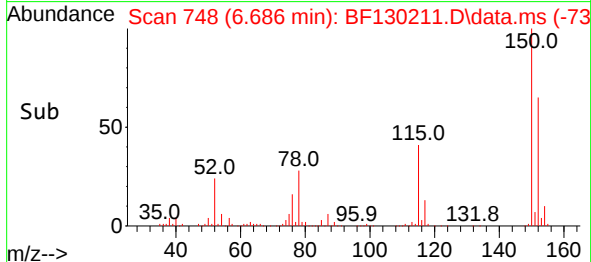
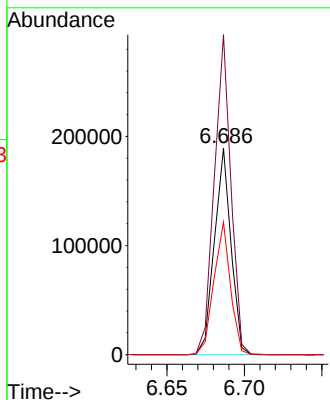
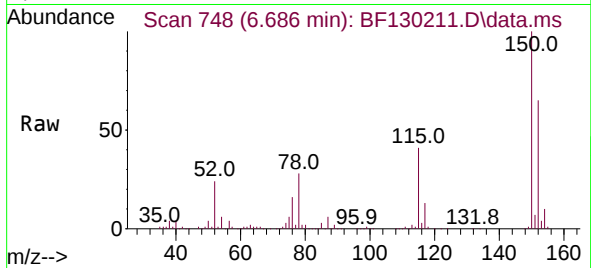




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.686 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

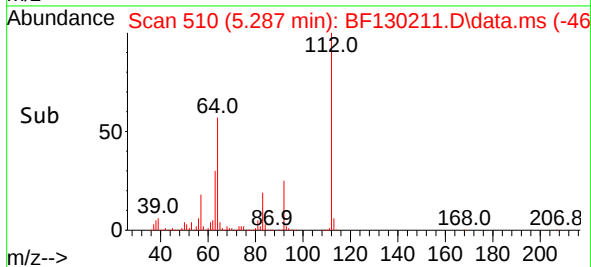
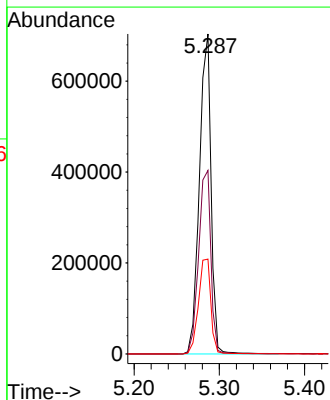
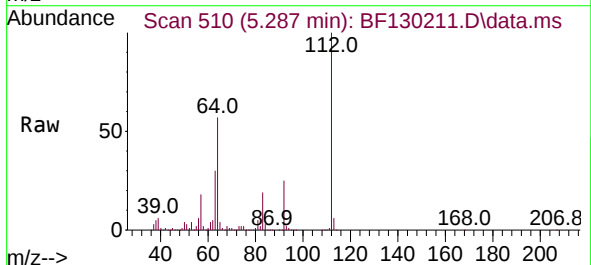
Instrument :
BNA_F
ClientSampleId :
256074-1

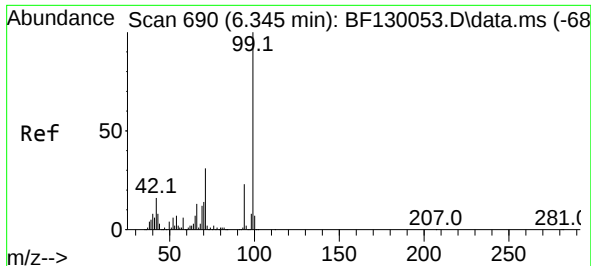
Tgt Ion:152 Resp: 140971
Ion Ratio Lower Upper
152 100
150 154.9 126.9 190.3
115 64.1 53.4 80.0



#5
2-Fluorophenol
Concen: 80.431 ng
RT: 5.287 min Scan# 510
Delta R.T. -0.012 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion:112 Resp: 667890
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 29.6 24.6 37.0

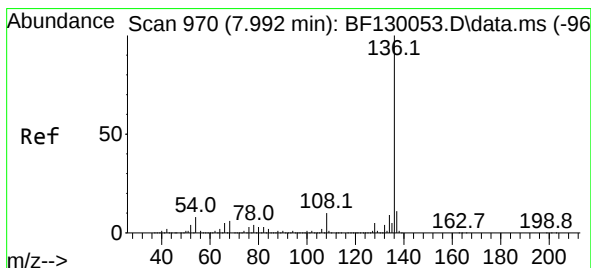
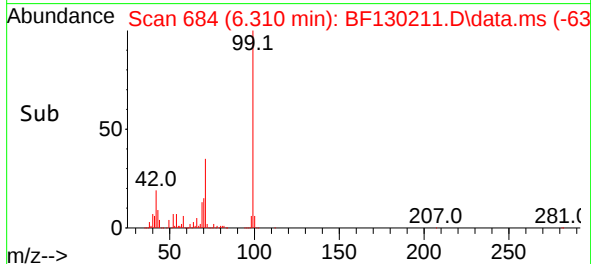
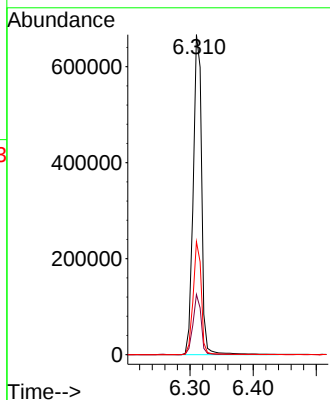
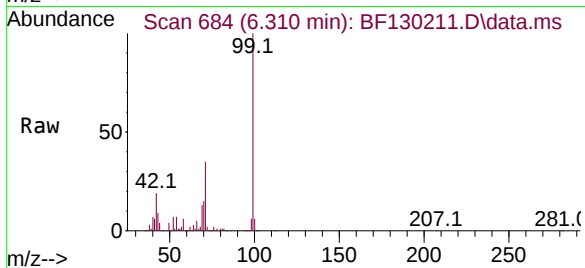




#7
Phenol-d6
Concen: 59.997 ng
RT: 6.310 min Scan# 681
Delta R.T. -0.024 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

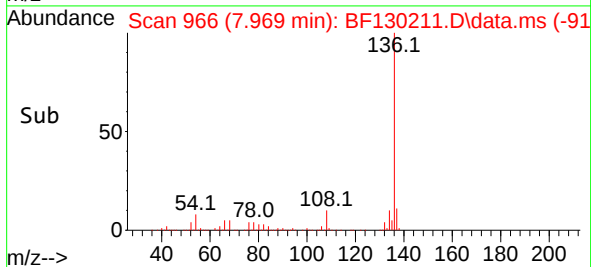
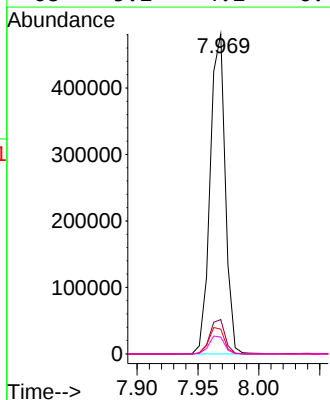
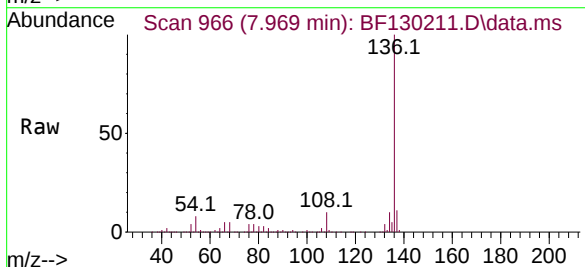
Instrument :
BNA_F
ClientSampleId :
256074-1

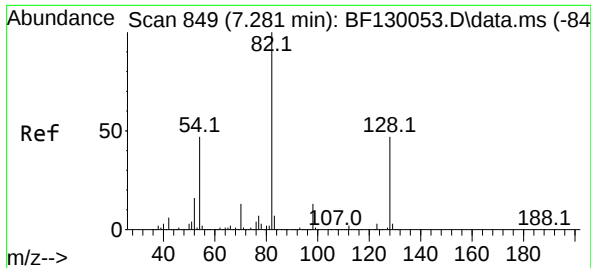
Tgt Ion: 99 Resp: 621126
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 35.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion: 136 Resp: 417198
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 6.2 9.2
68 5.2 4.2 6.4

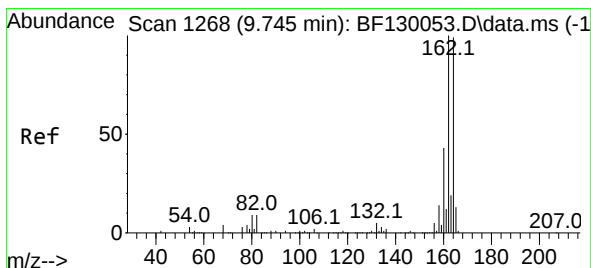
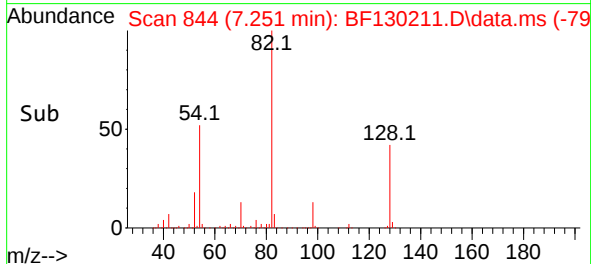
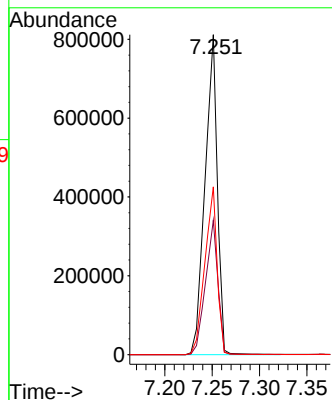
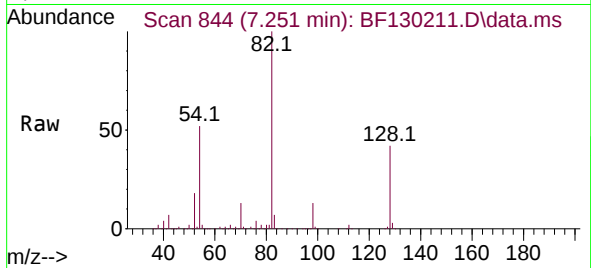




#23
Nitrobenzene-d5
Concen: 113.676 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

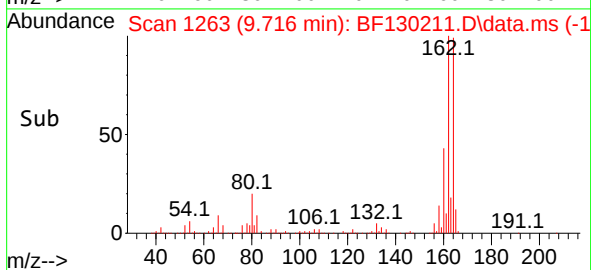
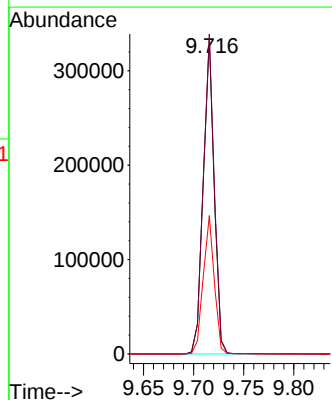
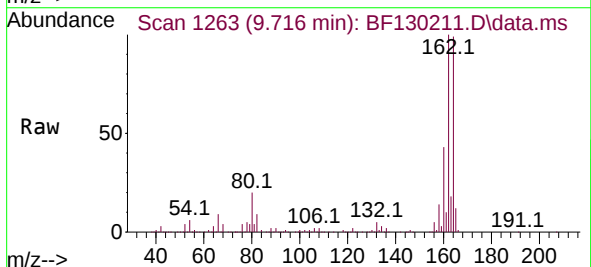
Instrument :
BNA_F
ClientSampleId :
256074-1

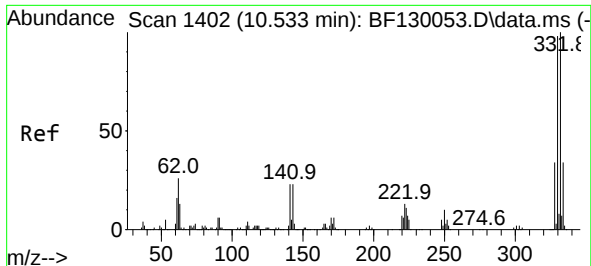
Tgt Ion: 82 Resp: 737956
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 52.4 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion: 164 Resp: 252797
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 129.519 ng

RT: 10.504 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF130211.D

Acq: 12 Sep 2022 18:30

Instrument :

BNA_F

ClientSampleId :

256074-1

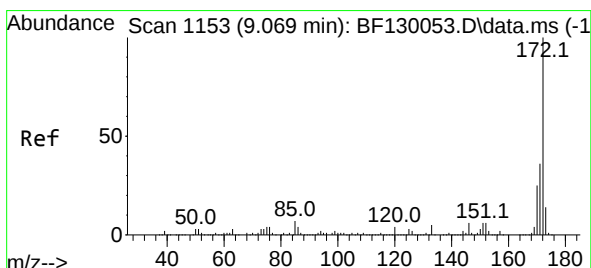
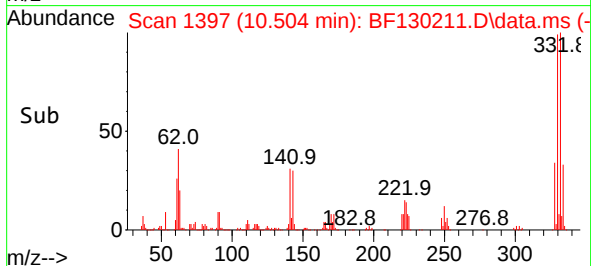
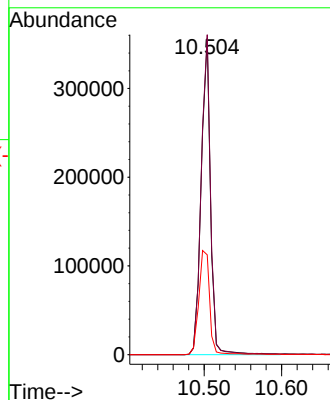
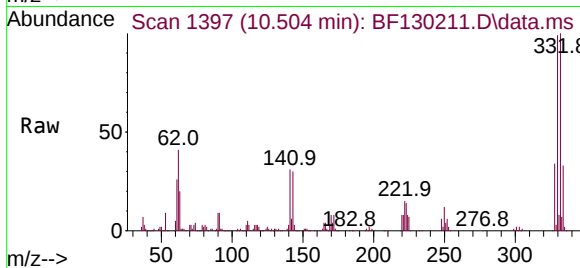
Tgt Ion:330 Resp: 298044

Ion Ratio Lower Upper

330 100

332 101.7 82.6 124.0

141 38.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 98.955 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130211.D

Acq: 12 Sep 2022 18:30

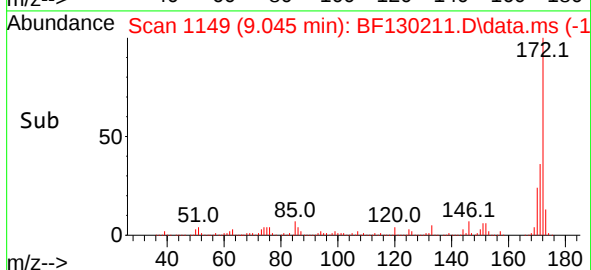
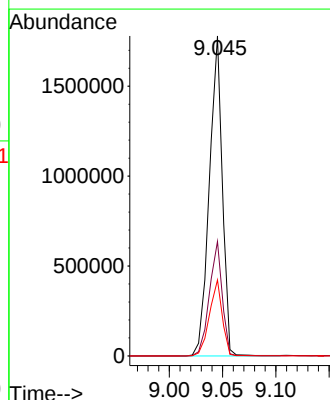
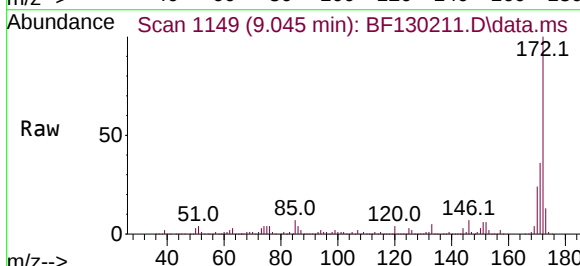
Tgt Ion:172 Resp: 1508822

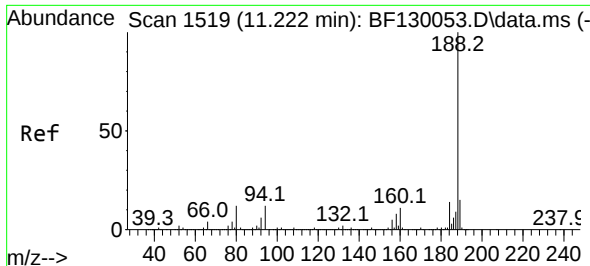
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.7 19.1 28.7

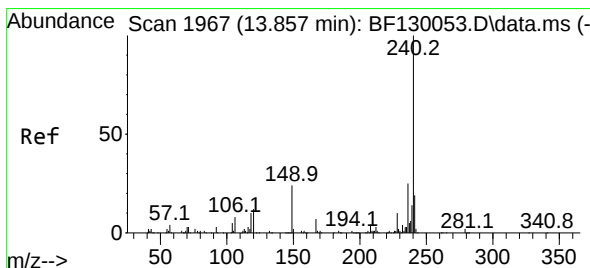
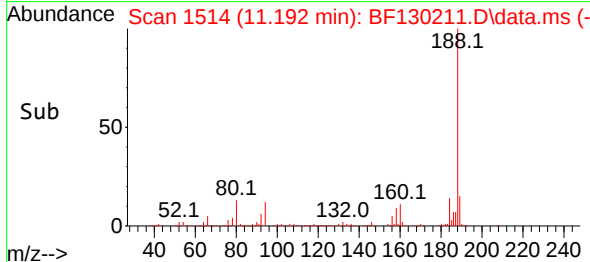
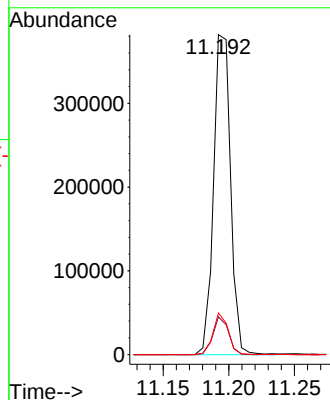
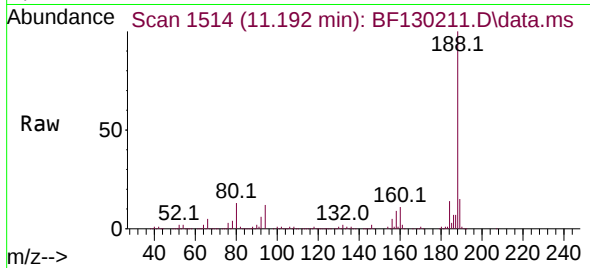




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

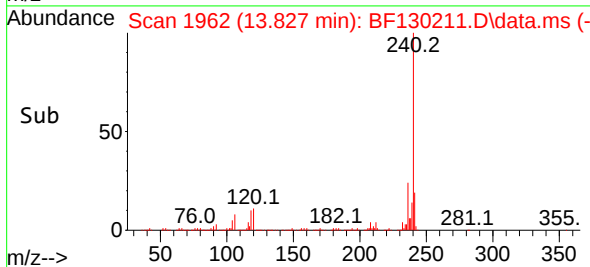
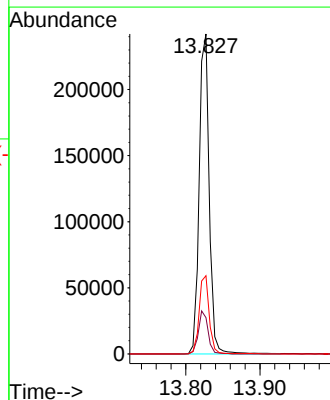
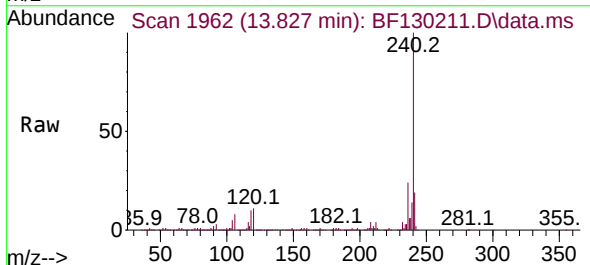
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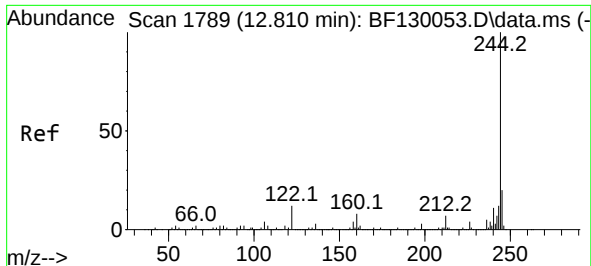
Tgt Ion:188 Resp: 344672
Ion Ratio Lower Upper
188 100
94 11.8 7.4 11.2#
80 13.0 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130211.D
Acq: 12 Sep 2022 18:30

Tgt Ion:240 Resp: 228203
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 24.4 20.7 31.1

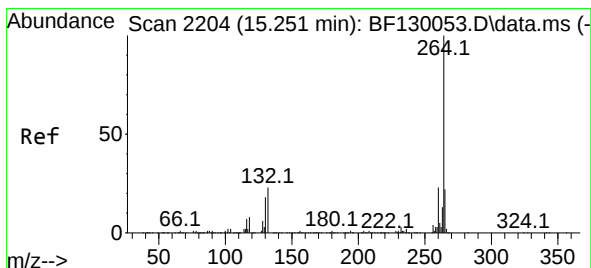
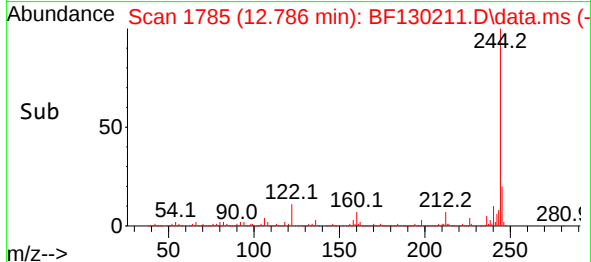
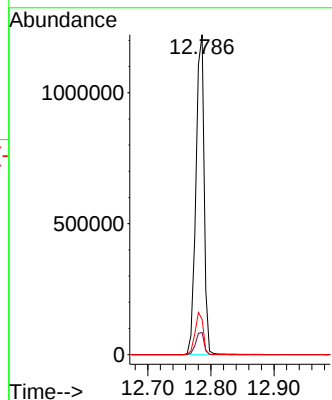
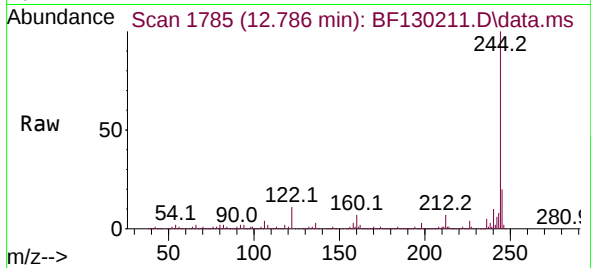




#79
 Terphenyl-d14
 Concen: 84.178 ng
 RT: 12.786 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130211.D
 Acq: 12 Sep 2022 18:30

Instrument :
 BNA_F
 ClientSampleId :
 256074-1

Tgt Ion:244 Resp: 1107746
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.0 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: BF130211.D
 Acq: 12 Sep 2022 18:30

Tgt Ion:264 Resp: 275297
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.7 16.7 25.1

