

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130214.D
 Acq On : 12 Sep 2022 20:08
 Operator : CG\JU
 Sample : N4549-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP090822

Quant Time: Sep 13 14:27:46 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)

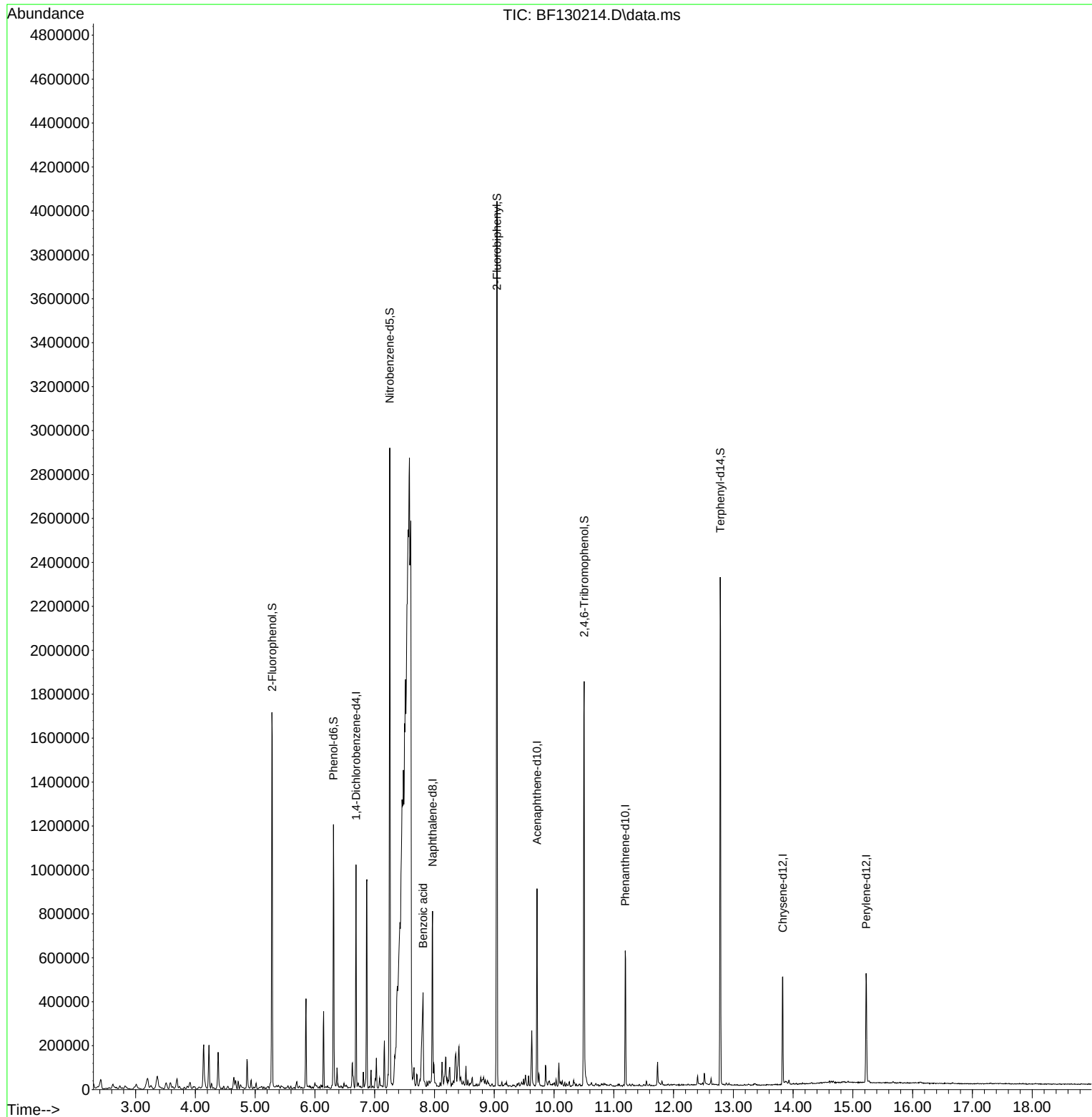
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	126018	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	337442	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	157466	20.000	ng	-0.02
64) Phenanthrene-d10	11.192	188	221601	20.000	ng	-0.02
76) Chrysene-d12	13.827	240	164290	20.000	ng	-0.02
86) Perylene-d12	15.221	264	204132	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	464073	62.518	ng	-0.01
7) Phenol-d6	6.310	99	370657	40.052	ng	-0.02
23) Nitrobenzene-d5	7.251	82	802470	152.831	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	220945	154.143	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1054900	111.070	ng	-0.01
79) Terphenyl-d14	12.780	244	763947	80.637	ng	-0.02
Target Compounds						
32) Benzoic acid	7.810	122	132302	37.934	ng	Qvalue 88

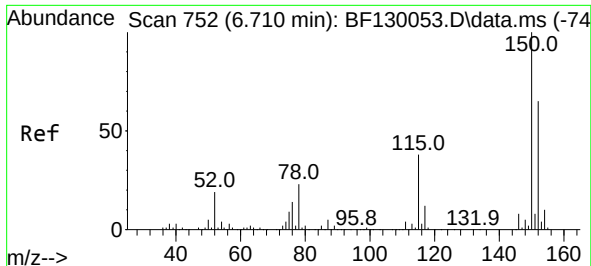
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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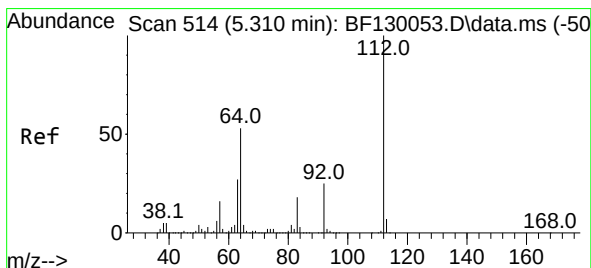
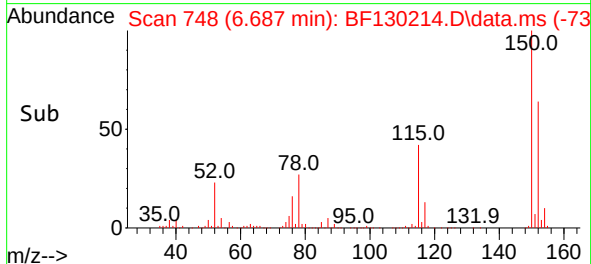
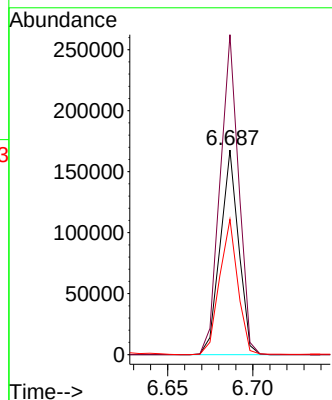
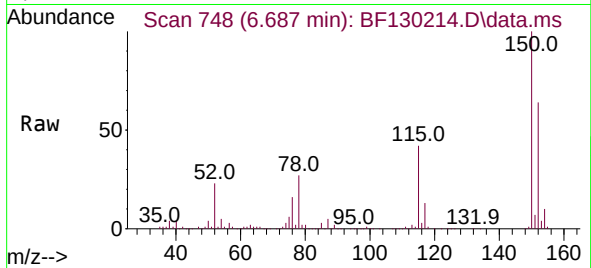




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.011 min
 Lab File: BF130214.D
 Acq: 12 Sep 2022 20:08

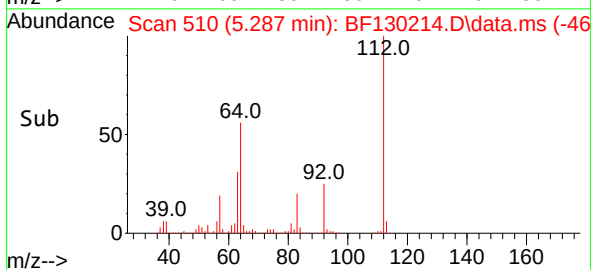
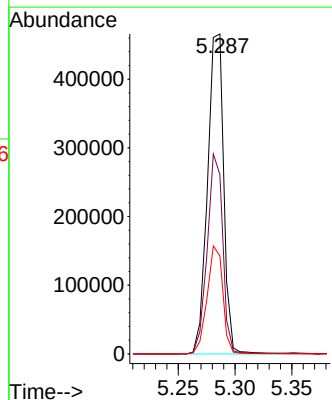
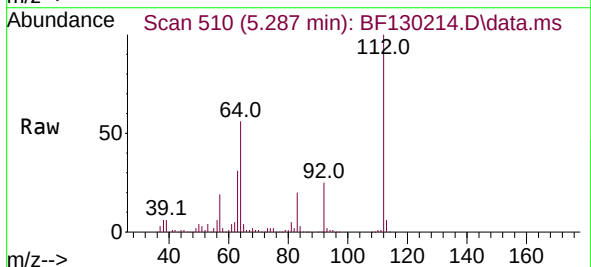
Instrument :
 BNA_F
 ClientSampleId :
 DUP090822

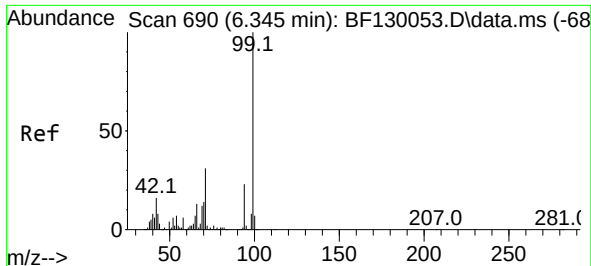
Tgt Ion:152 Resp: 126018
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.9 190.3
 115 66.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 62.518 ng
 RT: 5.287 min Scan# 510
 Delta R.T. -0.012 min
 Lab File: BF130214.D
 Acq: 12 Sep 2022 20:08

Tgt Ion:112 Resp: 464073
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.6 71.4
 63 30.6 24.6 37.0

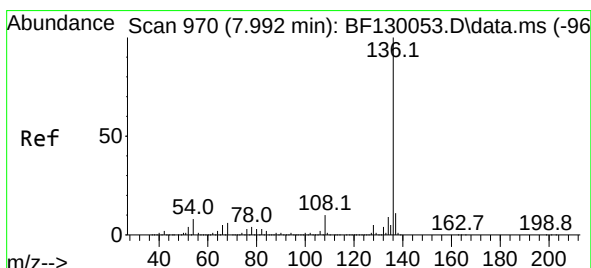
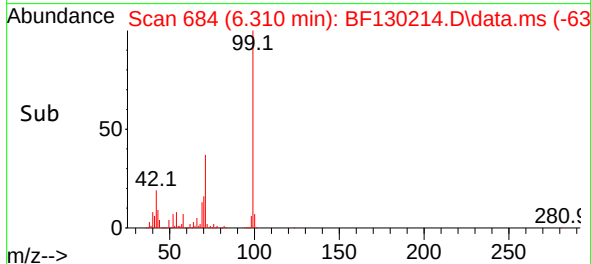
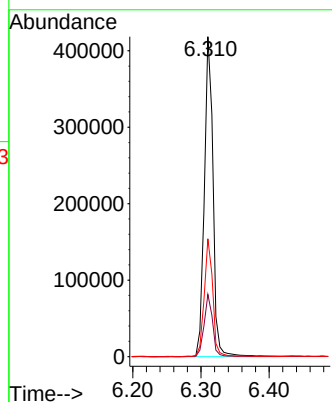
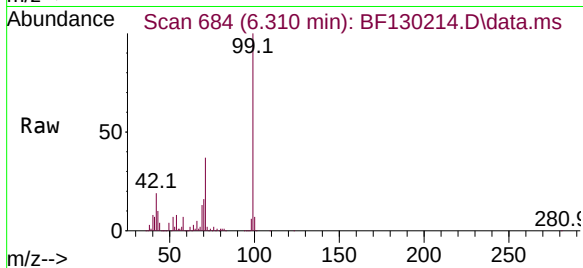




#7
Phenol-d6
Concen: 40.052 ng
RT: 6.310 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

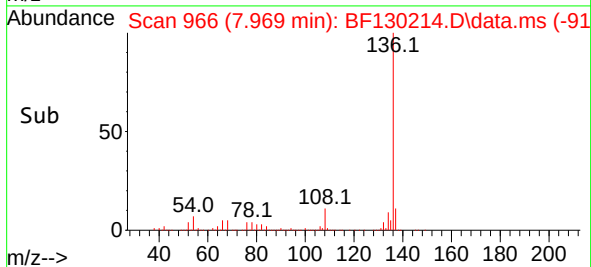
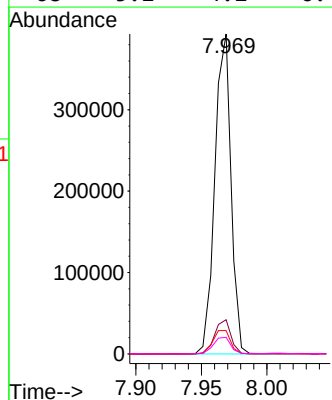
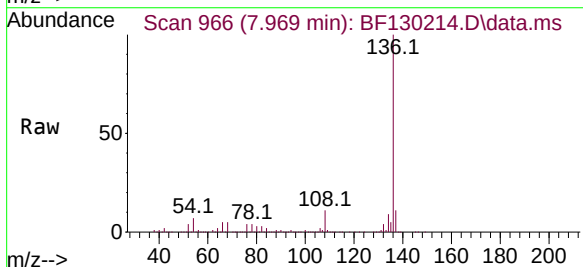
Instrument :
BNA_F
ClientSampleId :
DUP090822

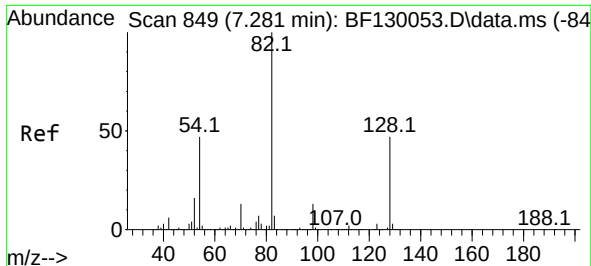
Tgt Ion: 99 Resp: 370657
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 36.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion: 136 Resp: 337442
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.3 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 152.831 ng

RT: 7.251 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

Instrument :

BNA_F

ClientSampleId :

DUP090822

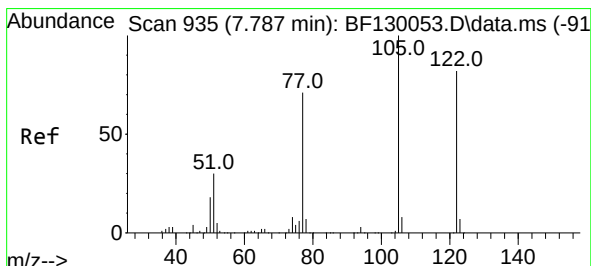
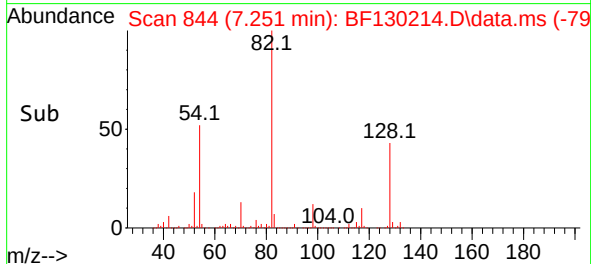
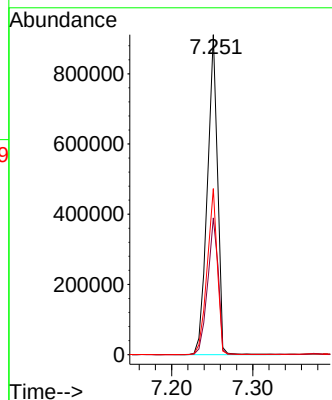
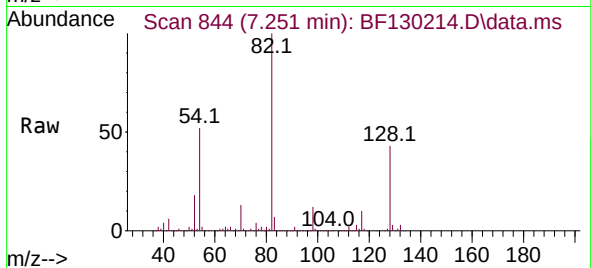
Tgt Ion: 82 Resp: 802470

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

54 51.9 40.0 60.0



#32

Benzoic acid

Concen: 37.934 ng

RT: 7.810 min Scan# 939

Delta R.T. 0.041 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

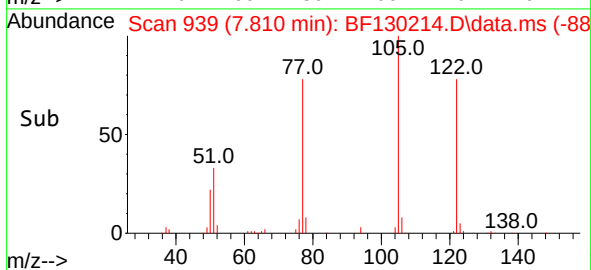
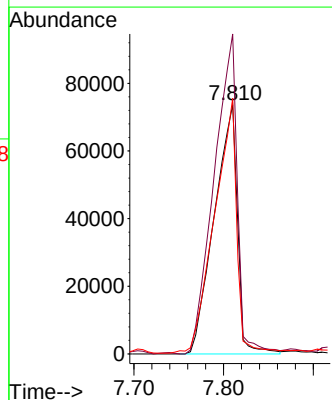
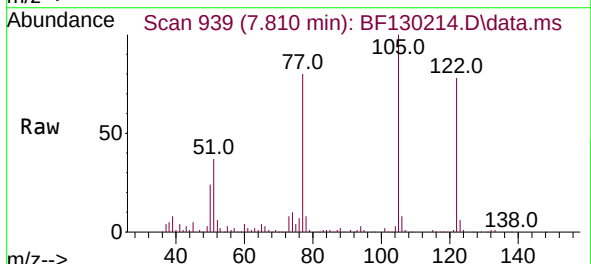
Tgt Ion:122 Resp: 132302

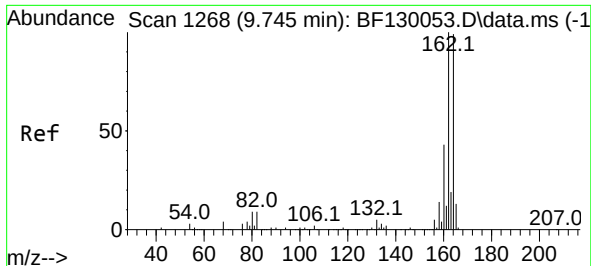
Ion Ratio Lower Upper

122 100

105 128.5 99.9 139.9

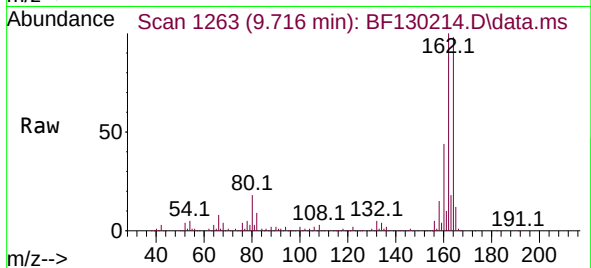
77 102.6 65.9 105.9



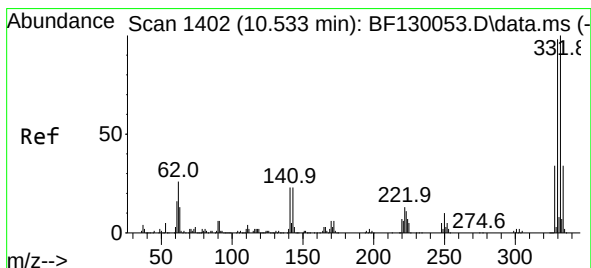
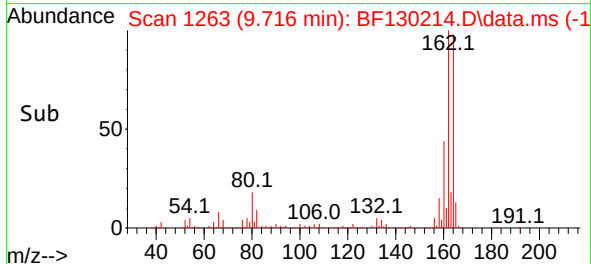
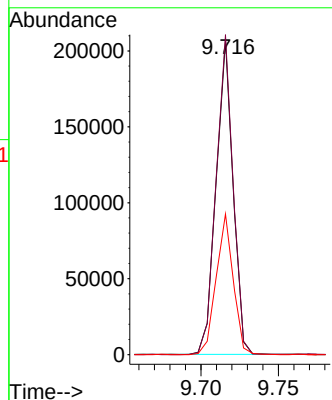


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Instrument :
BNA_F
ClientSampleId :
DUP090822

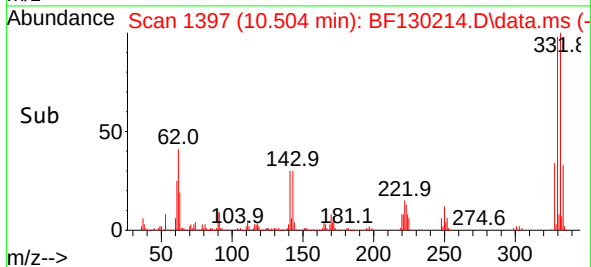
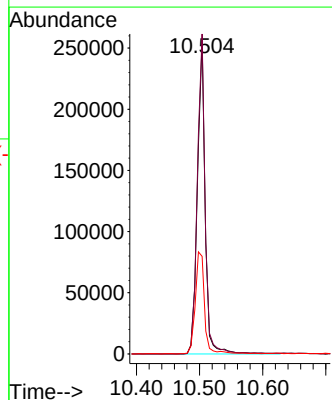
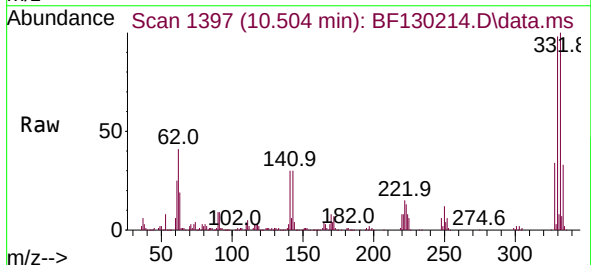


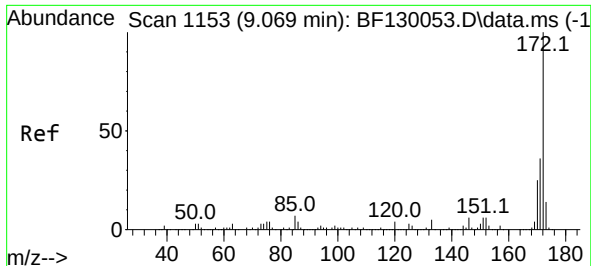
Tgt Ion:164 Resp: 157466
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 154.143 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:330 Resp: 220945
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 38.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 111.070 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

Instrument :

BNA_F

ClientSampleId :

DUP090822

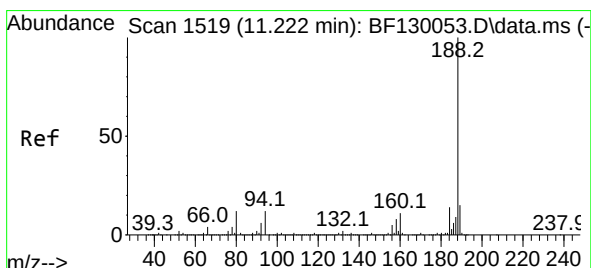
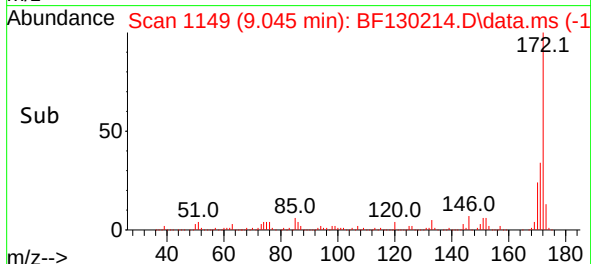
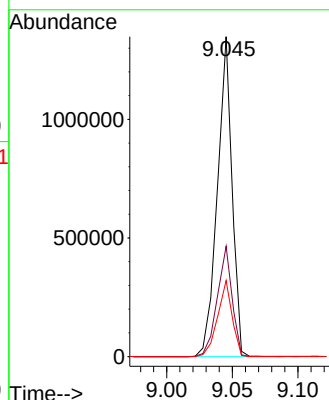
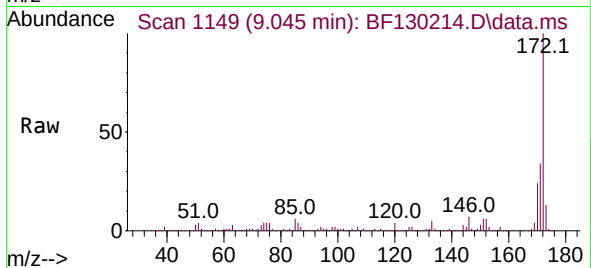
Tgt Ion:172 Resp: 1054900

Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 23.8 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.192 min Scan# 1514

Delta R.T. -0.018 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

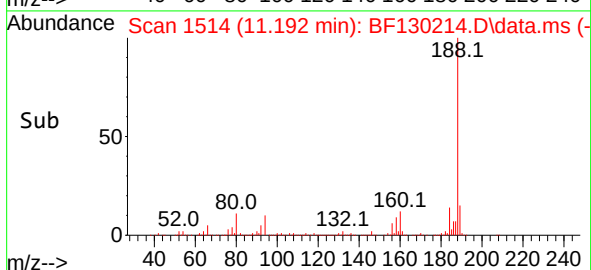
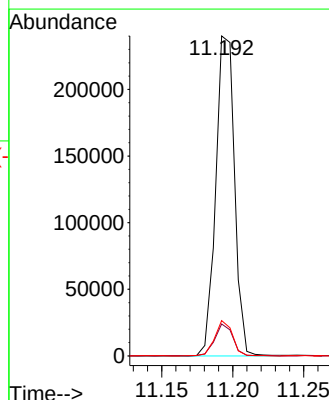
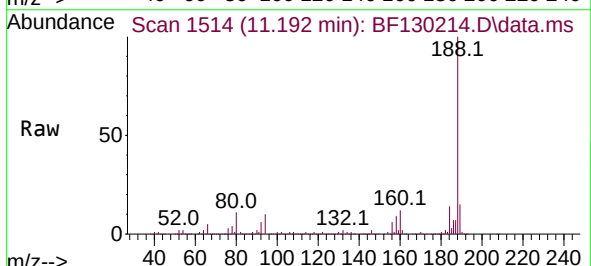
Tgt Ion:188 Resp: 221601

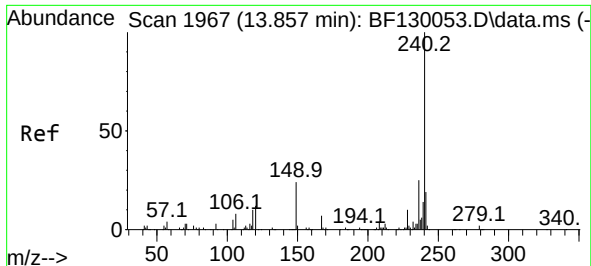
Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

80 11.1 7.9 11.9

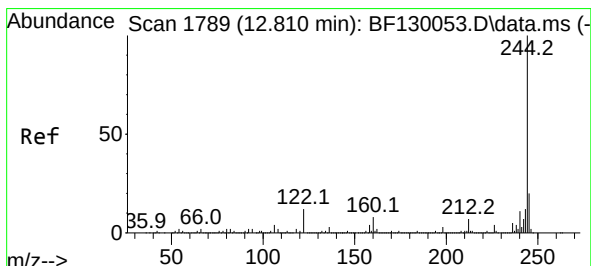
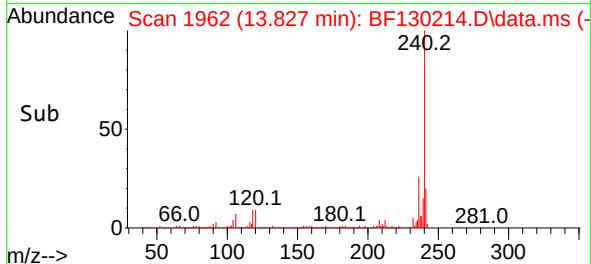
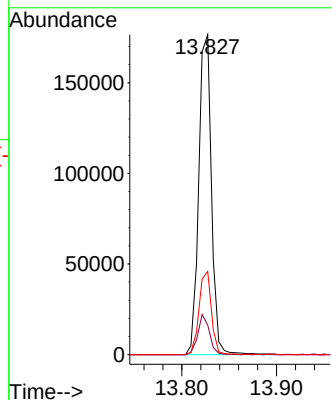
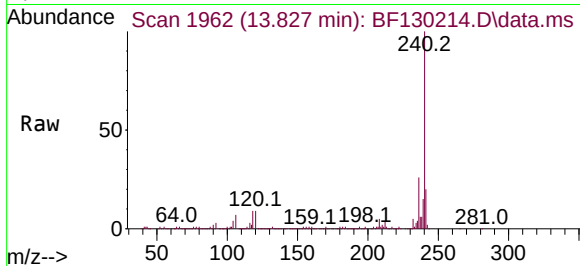




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

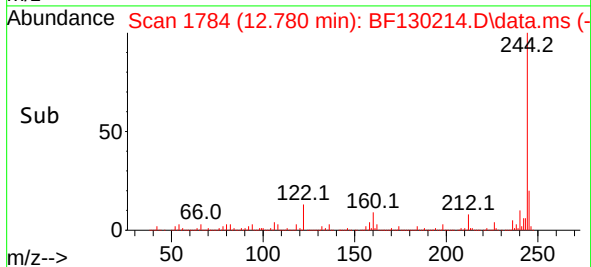
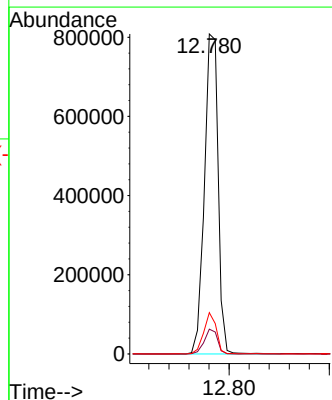
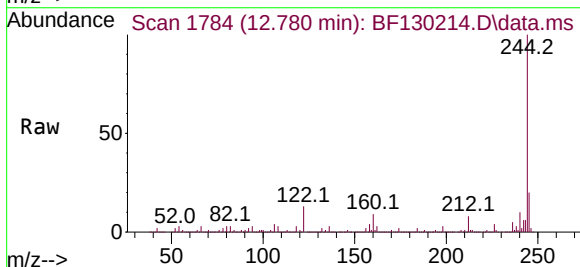
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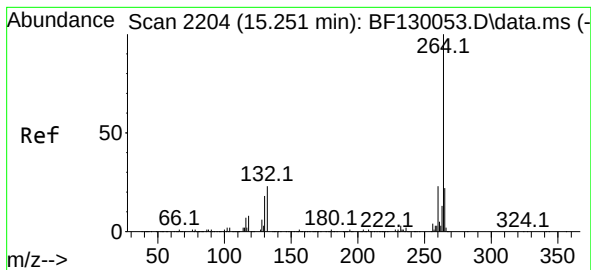
Tgt Ion:240 Resp: 164290
Ion Ratio Lower Upper
240 100
120 9.2 9.2 13.8
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 80.637 ng
RT: 12.780 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:244 Resp: 763947
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 12.9 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.221 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF130214.D
 Acq: 12 Sep 2022 20:08

Instrument :
 BNA_F
 ClientSampleId :
 DUP090822

Tgt Ion:264 Resp: 204132
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.0 16.7 25.1

