

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130202.D
 Acq On : 09 Sep 2022 19:09
 Operator : CG\JU
 Sample : N4549-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-50

Quant Time: Sep 09 23:49:57 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	6.692	152	119612	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	459259	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	232651	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	354644	20.000	ng	0.00
76) Chrysene-d12	13.833	240	230990	20.000	ng	-0.01
86) Perylene-d12	15.233	264	252902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	534985	75.930	ng	0.00
7) Phenol-d6	6.322	99	398061	45.317	ng	-0.01
23) Nitrobenzene-d5	7.257	82	828927	115.995	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	357726	168.916	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1532550	109.215	ng	0.00
79) Terphenyl-d14	12.792	244	1337400	100.403	ng	0.00

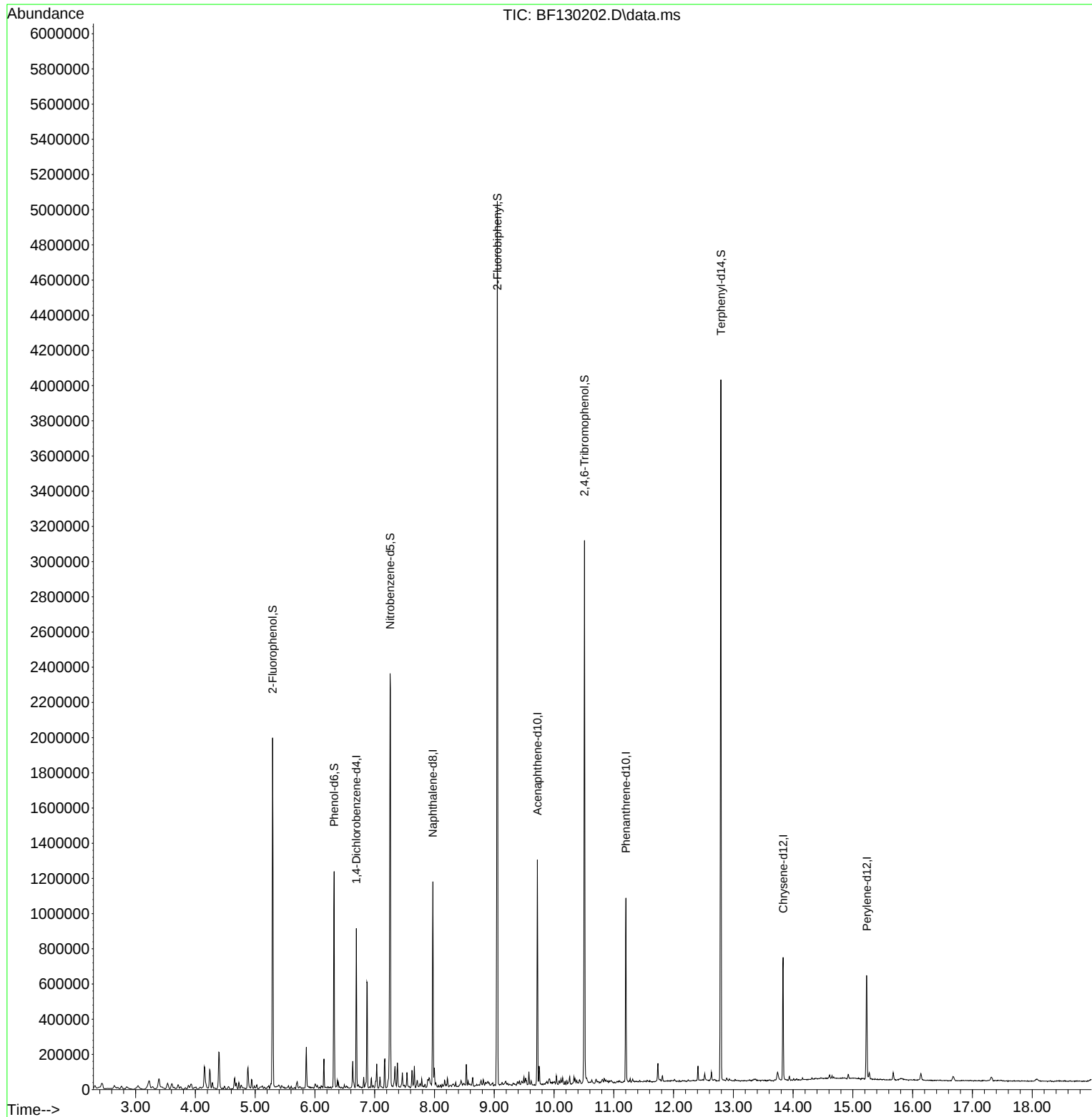
Target Compounds	Qvalue

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

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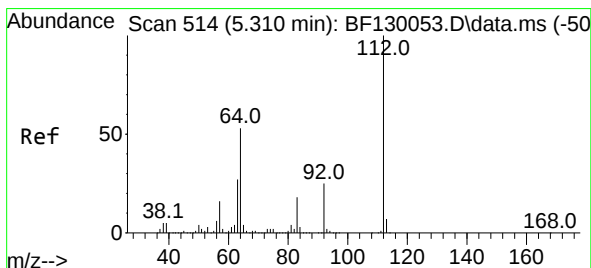
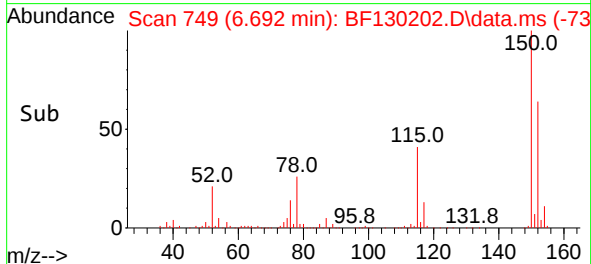
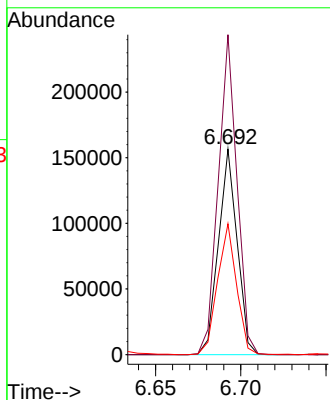
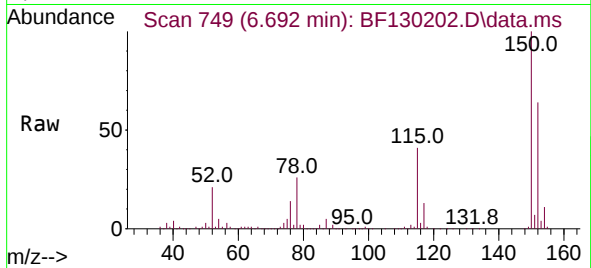




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

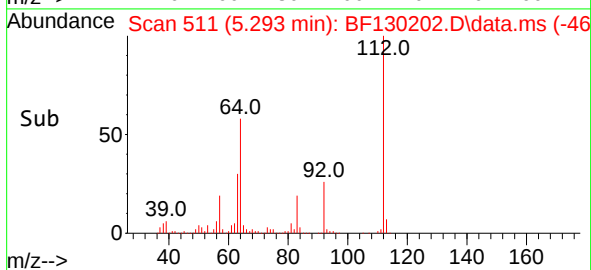
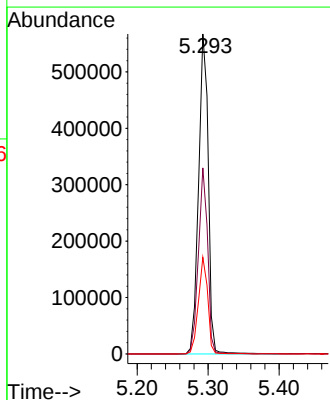
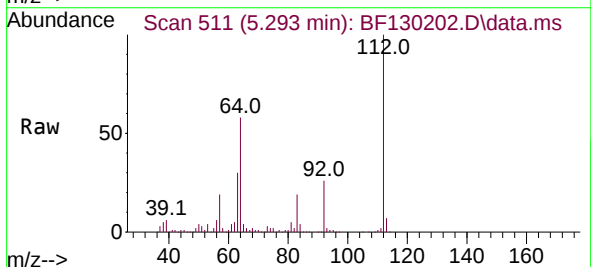
Instrument :
BNA_F
ClientSampleId :
MW-50

Tgt Ion:152 Resp: 119612
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 63.7 53.4 80.0



#5
2-Fluorophenol
Concen: 75.930 ng
RT: 5.293 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

Tgt Ion:112 Resp: 534985
Ion Ratio Lower Upper
112 100
64 58.1 47.6 71.4
63 30.2 24.6 37.0

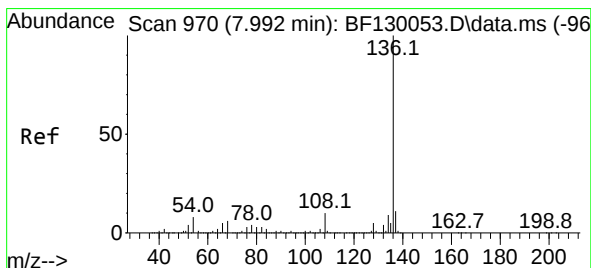
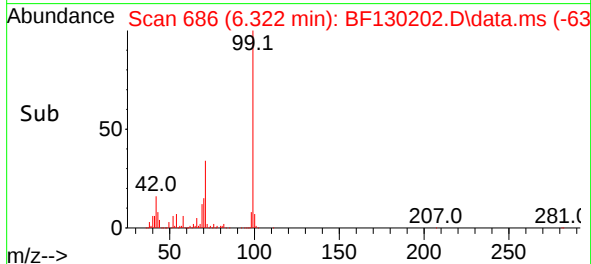
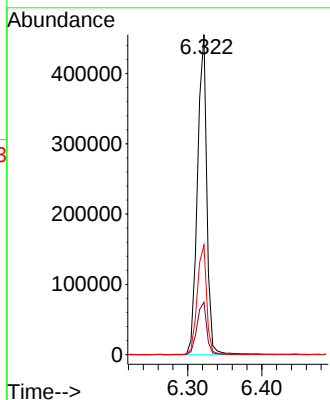
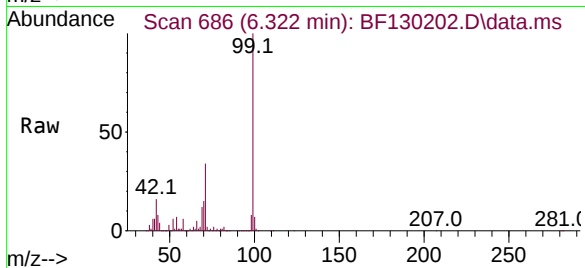




#7
Phenol-d6
Concen: 45.317 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

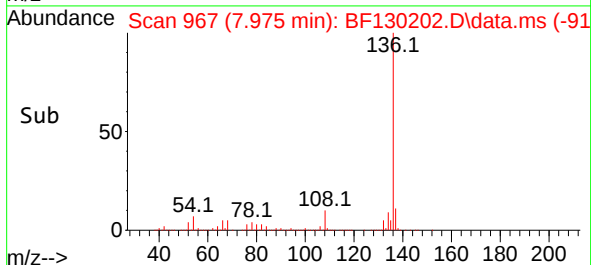
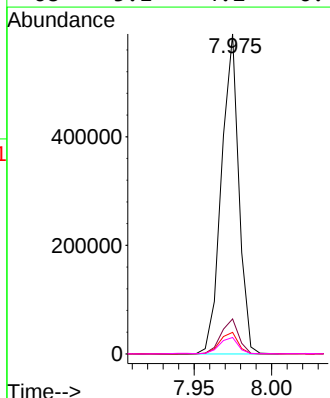
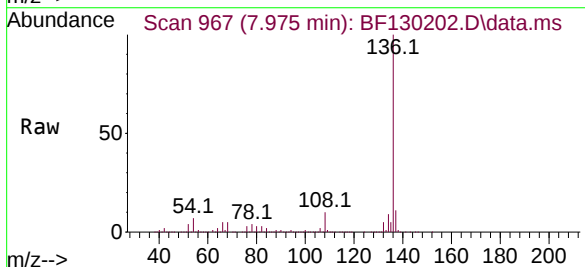
Instrument :
BNA_F
ClientSampleId :
MW-50

Tgt Ion: 99 Resp: 398061
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.4
71 34.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

Tgt Ion: 136 Resp: 459259
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.7 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 115.995 ng

RT: 7.257 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

Instrument :

BNA_F

ClientSampleId :

MW-50

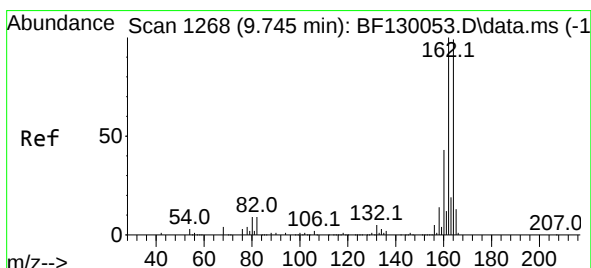
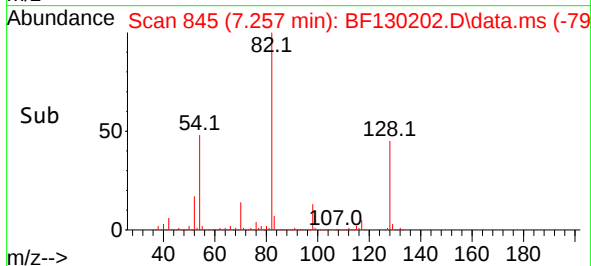
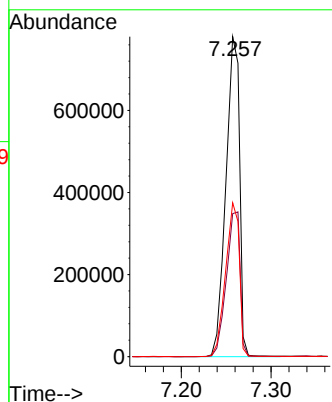
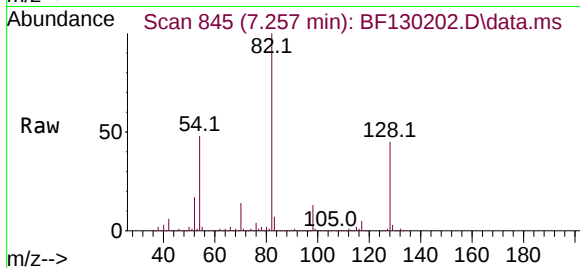
Tgt Ion: 82 Resp: 828927

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

54 48.1 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.012 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

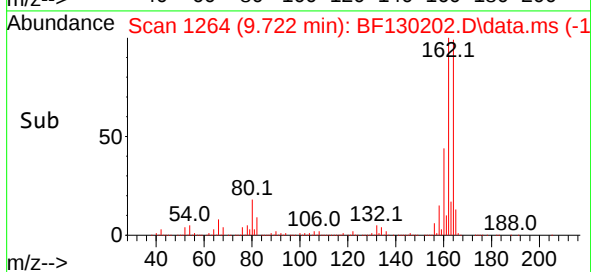
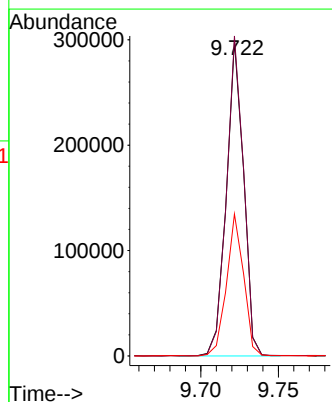
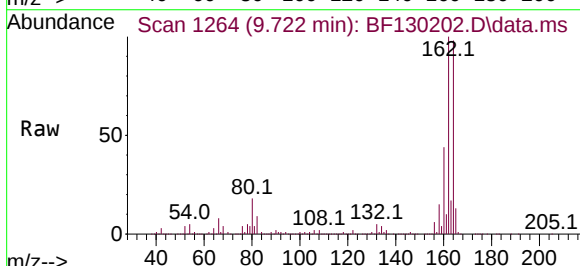
Tgt Ion: 164 Resp: 232651

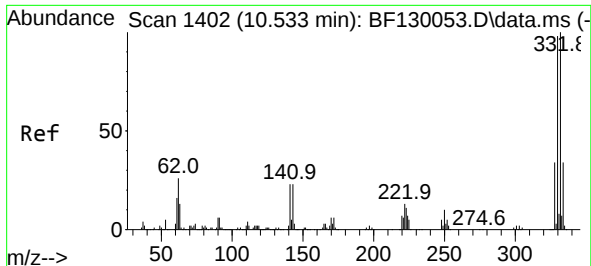
Ion Ratio Lower Upper

164 100

162 101.6 82.0 123.0

160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 168.916 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

Instrument :

BNA_F

ClientSampleId :

MW-50

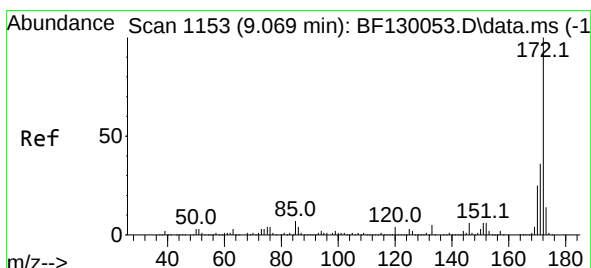
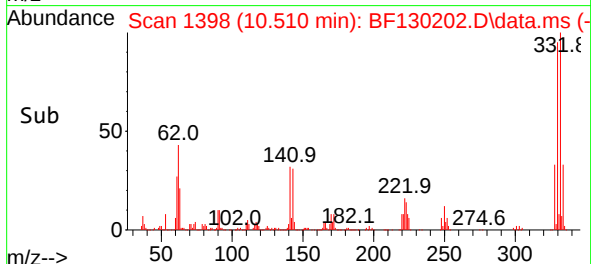
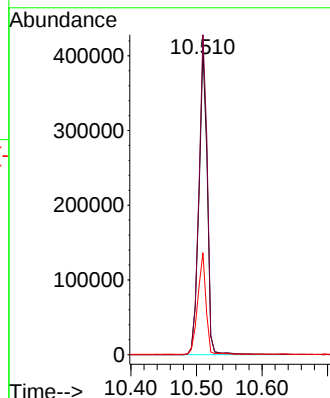
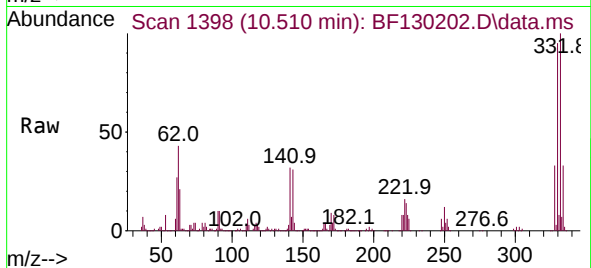
Tgt Ion:330 Resp: 357726

Ion Ratio Lower Upper

330 100

332 105.4 82.6 124.0

141 33.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 109.215 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

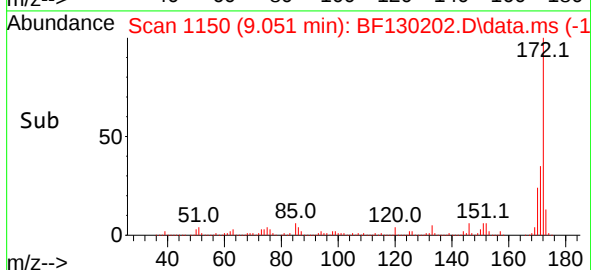
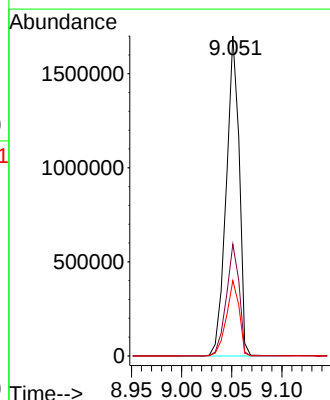
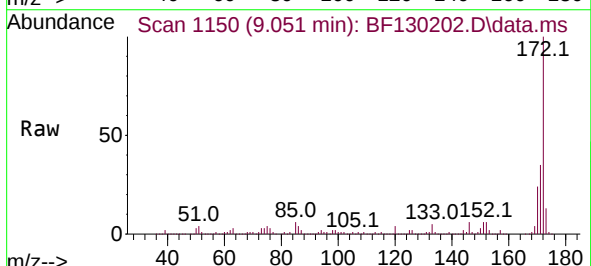
Tgt Ion:172 Resp: 1532550

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.5 19.1 28.7

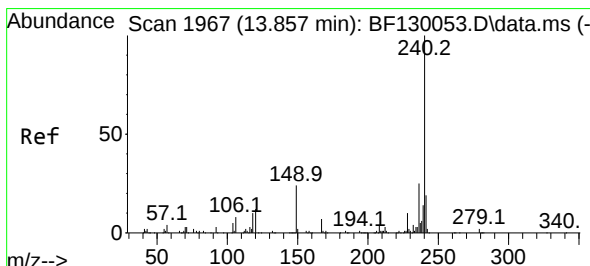
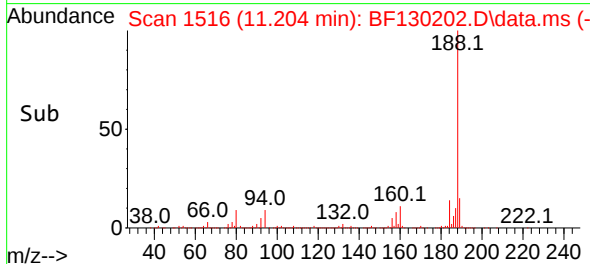
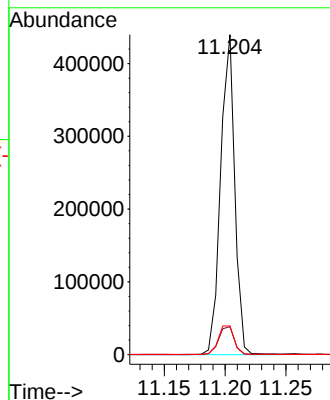
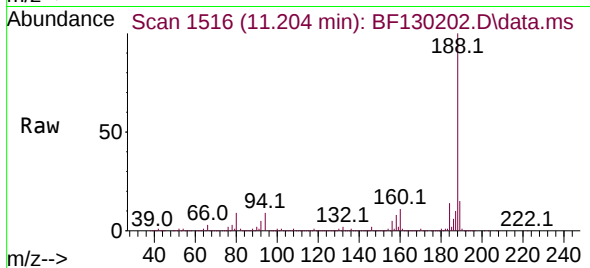




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

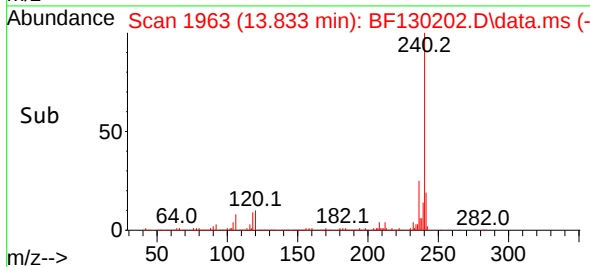
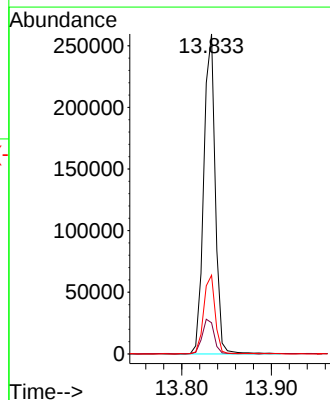
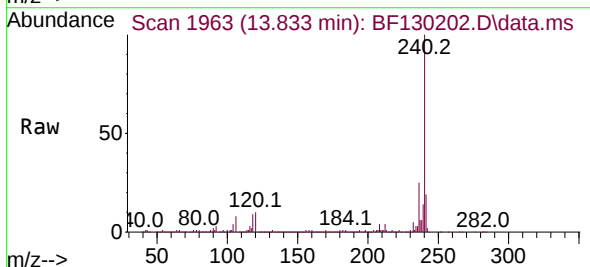
Instrument :
BNA_F
ClientSampleId :
MW-50

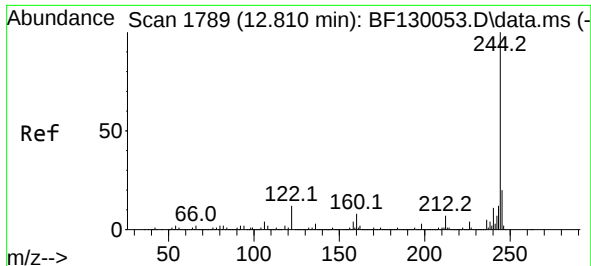
Tgt Ion:188 Resp: 354644
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

Tgt Ion:240 Resp: 230990
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 24.6 20.7 31.1

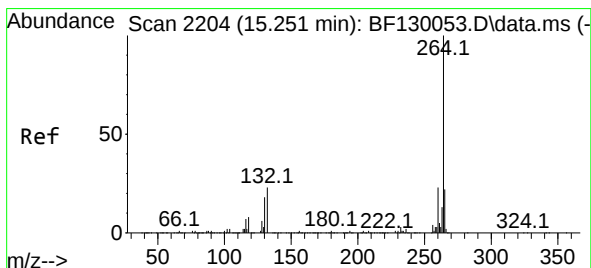
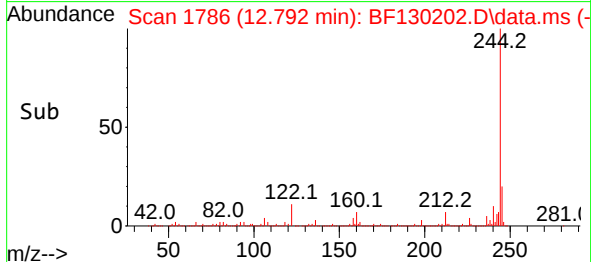
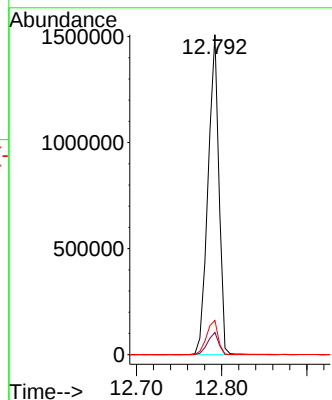
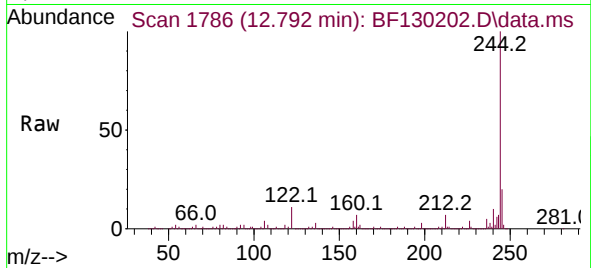




#79
 Terphenyl-d14
 Concen: 100.403 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130202.D
 Acq: 09 Sep 2022 19:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-50

Tgt Ion:244 Resp: 1337400
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130202.D
 Acq: 09 Sep 2022 19:09

Tgt Ion:264 Resp: 252902
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 16.7 25.1

