

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130130.D
 Acq On : 03 Sep 2022 01:14
 Operator : CG\JU
 Sample : N4446-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Sep 03 05:55:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	207845	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	778549	20.000	ng	-0.01
39) Acenaphthene-d10	9.733	164	382202	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	505290	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	176345	20.000	ng	-0.02
86) Perylene-d12	15.239	264	133206	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	853715	69.730	ng	0.00
7) Phenol-d6	6.328	99	644410	42.219	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1238378	102.223	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	449120	129.091	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2083845	90.395	ng	0.00
79) Terphenyl-d14	12.798	244	1228024	120.760	ng	-0.01

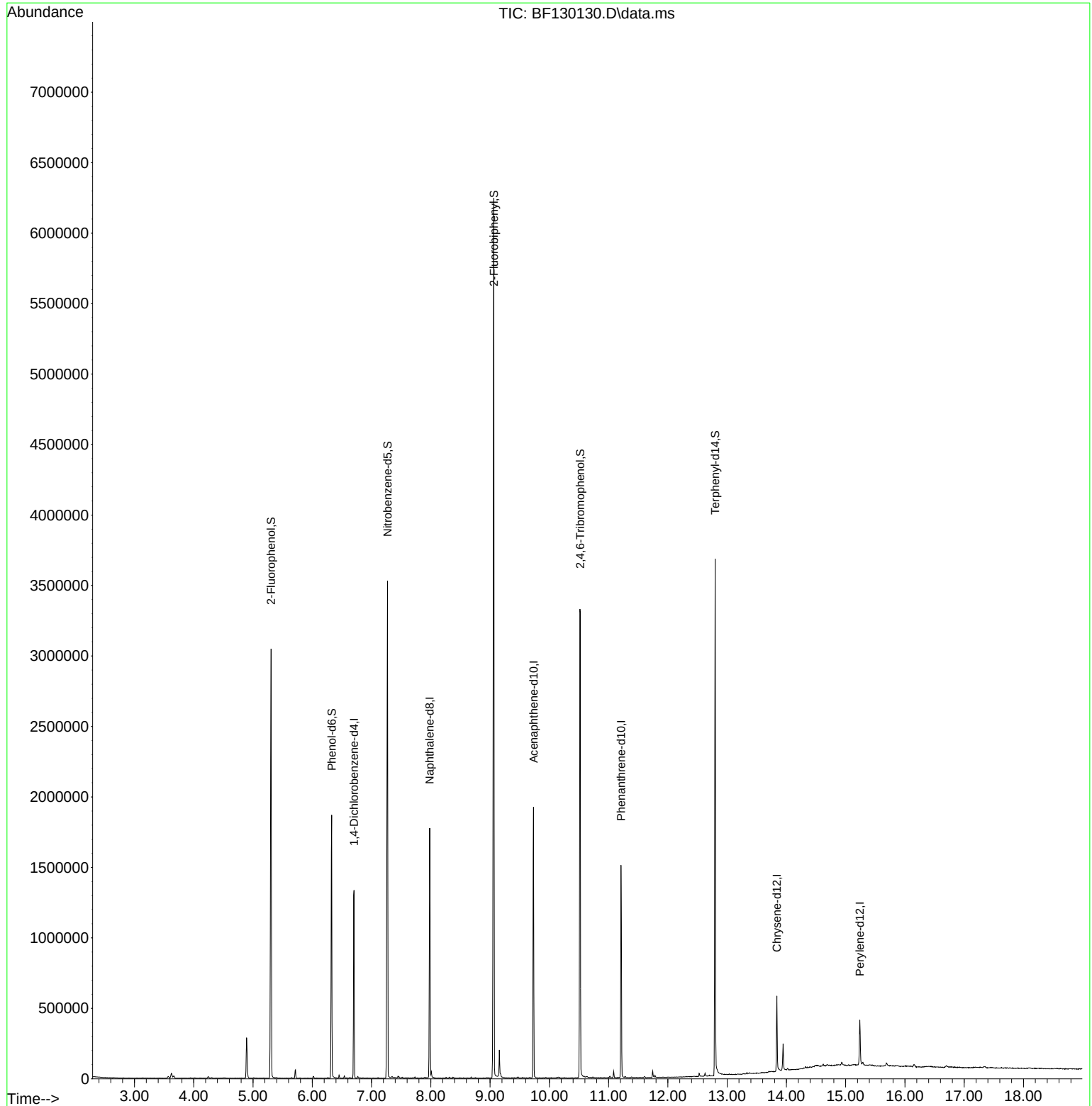
Target Compounds	Qvalue

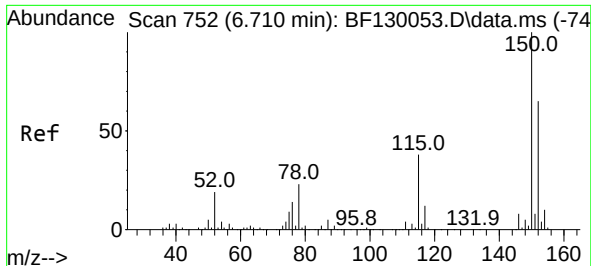
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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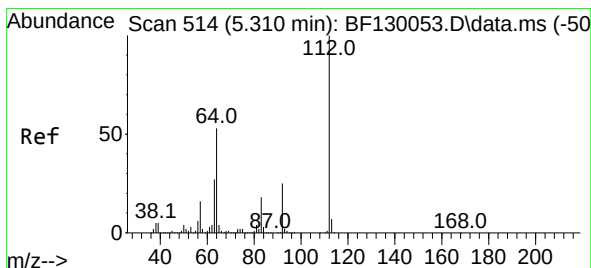
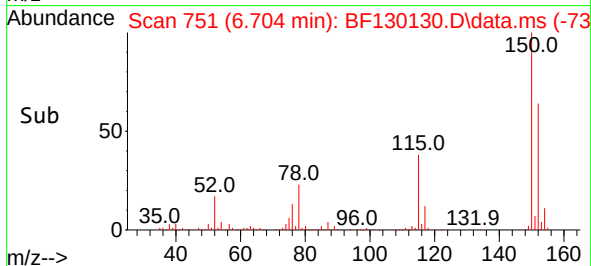
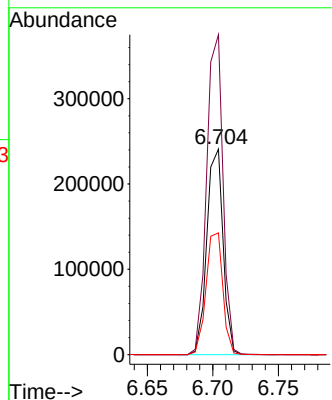
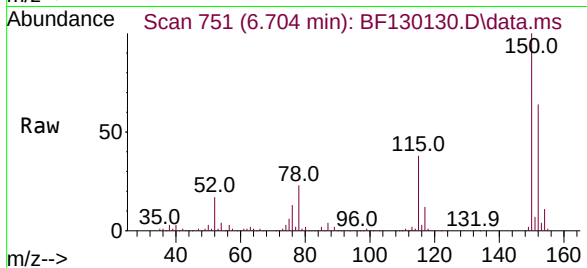




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130130.D
 Acq: 03 Sep 2022 01:14

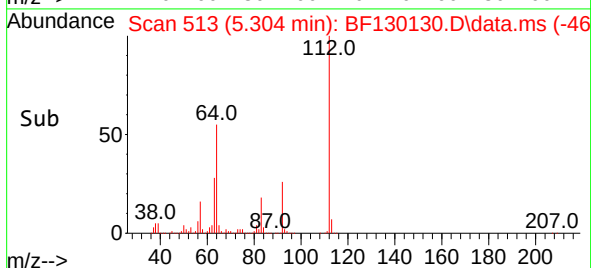
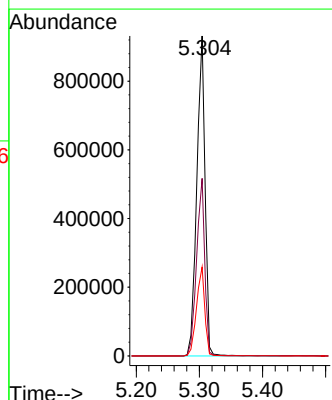
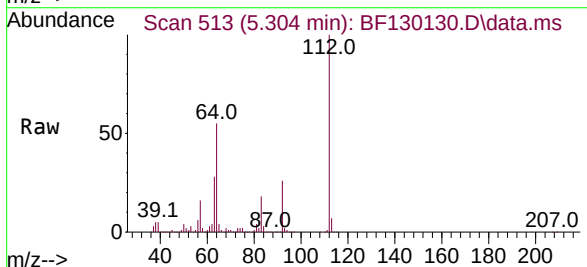
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

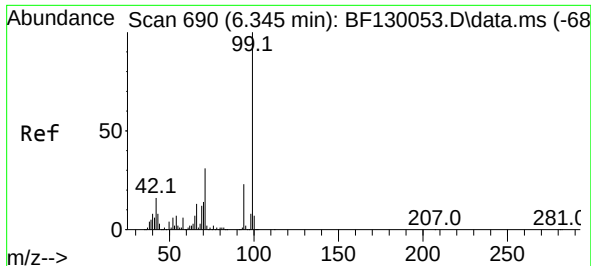
Tgt Ion:152 Resp: 207845
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 59.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 69.730 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130130.D
 Acq: 03 Sep 2022 01:14

Tgt Ion:112 Resp: 853715
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 27.8 24.6 37.0

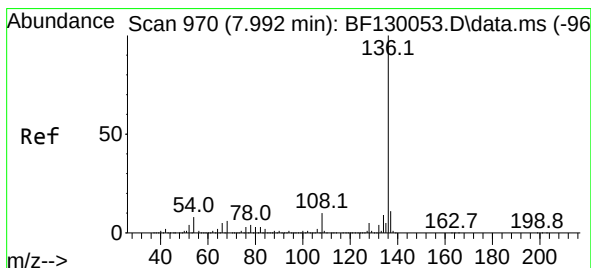
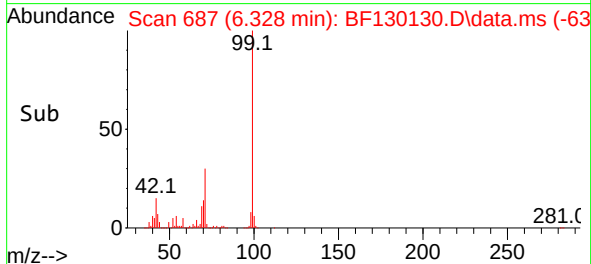
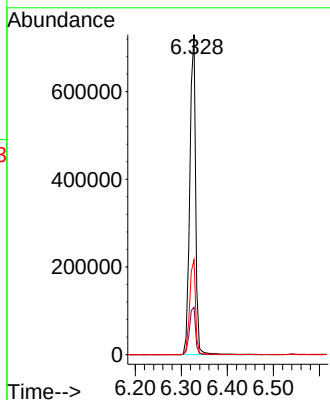
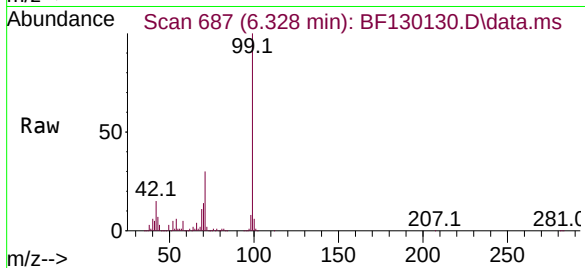




#7
Phenol-d6
Concen: 42.219 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.018 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

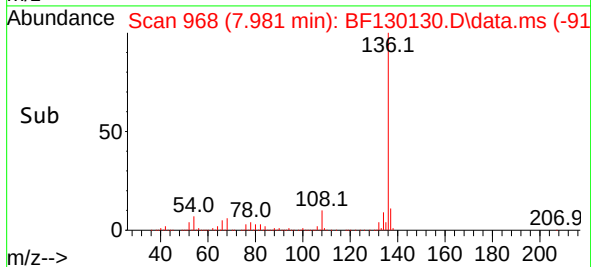
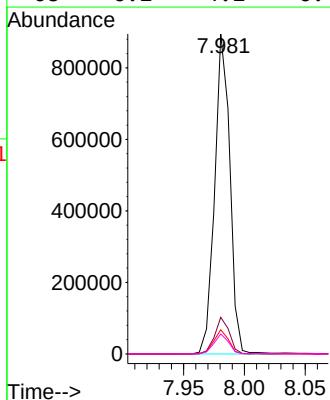
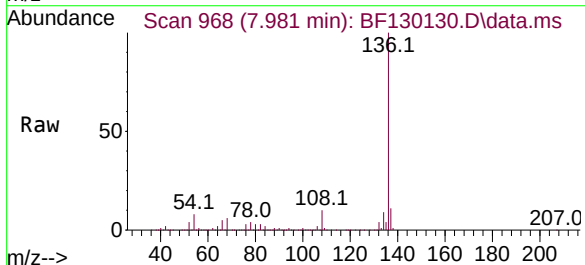
Instrument :
BNA_F
ClientSampleId :
MW-06

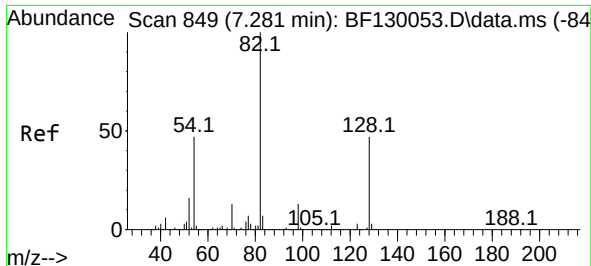
Tgt Ion: 99 Resp: 644410
Ion Ratio Lower Upper
99 100
42 14.8 15.0 22.4#
71 29.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion: 136 Resp: 778549
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.5 6.2 9.2
68 6.2 4.2 6.4

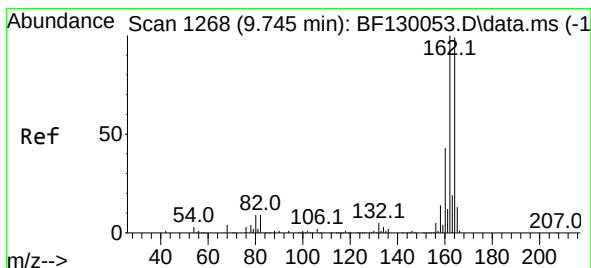
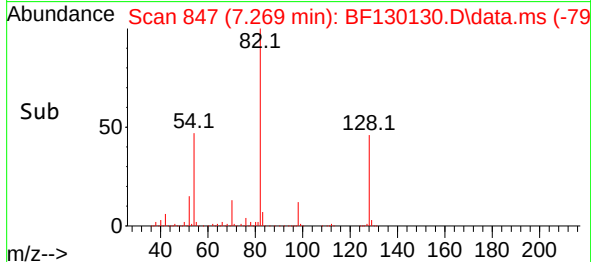
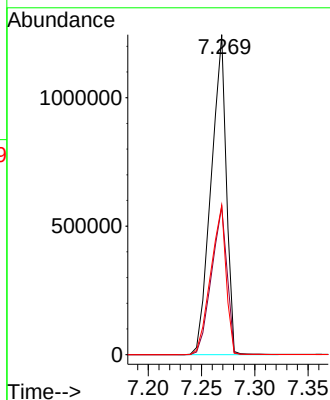
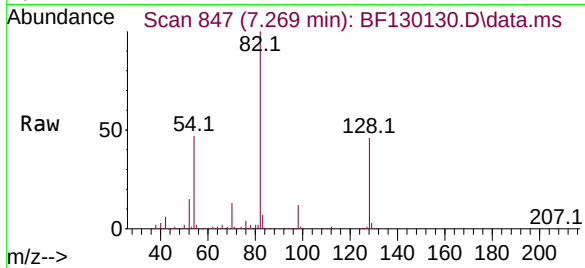




#23
Nitrobenzene-d5
Concen: 102.223 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

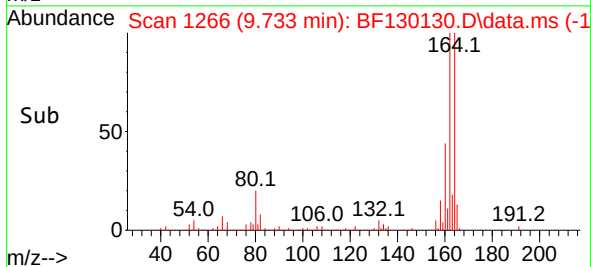
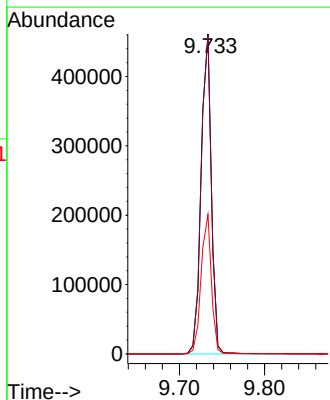
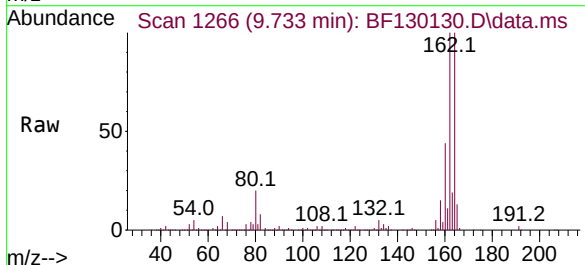
Instrument :
BNA_F
ClientSampleId :
MW-06

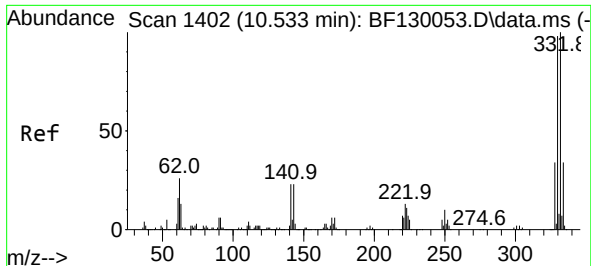
Tgt Ion: 82 Resp: 1238378
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 46.7 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion:164 Resp: 382202
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 129.091 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

Instrument :

BNA_F

ClientSampleId :

MW-06

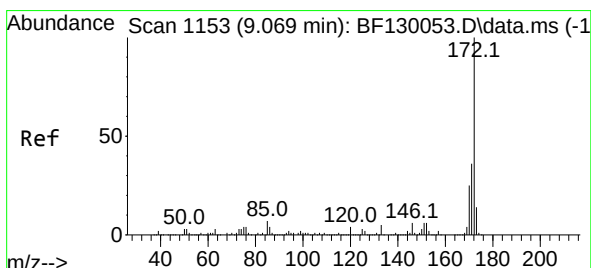
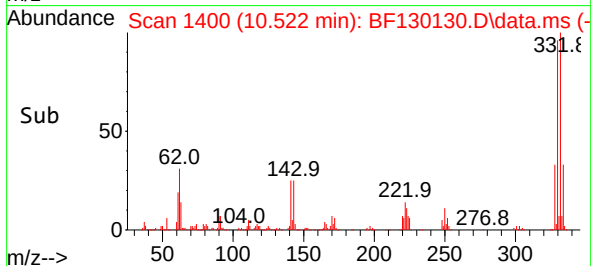
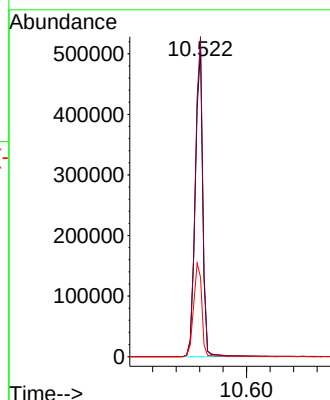
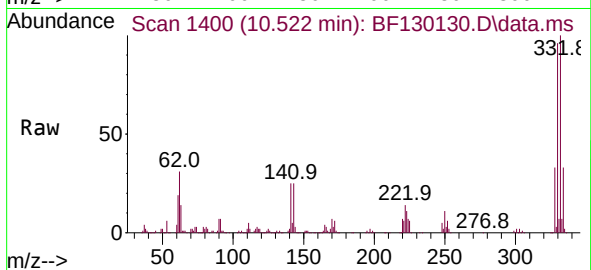
Tgt Ion:330 Resp: 449120

Ion Ratio Lower Upper

330 100

332 103.7 82.6 124.0

141 33.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 90.395 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

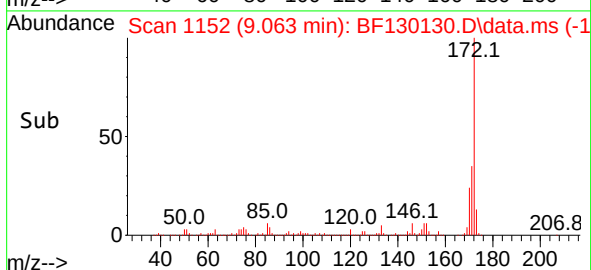
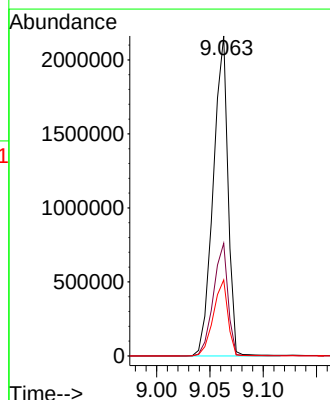
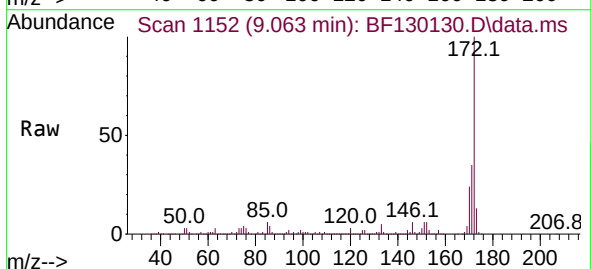
Tgt Ion:172 Resp: 2083845

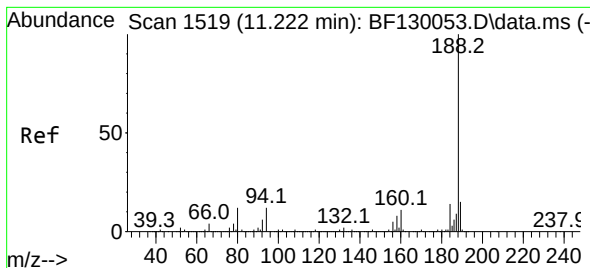
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.210 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

Instrument :

BNA_F

ClientSampleId :

MW-06

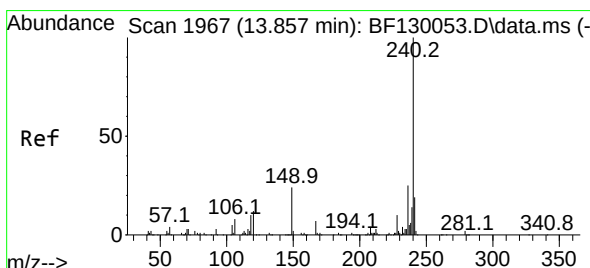
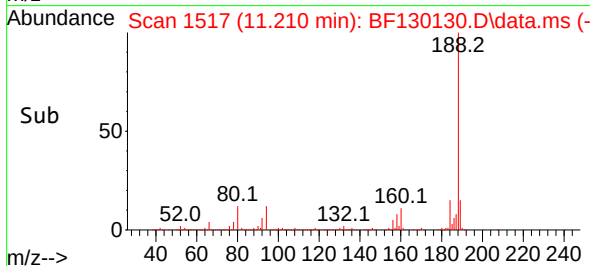
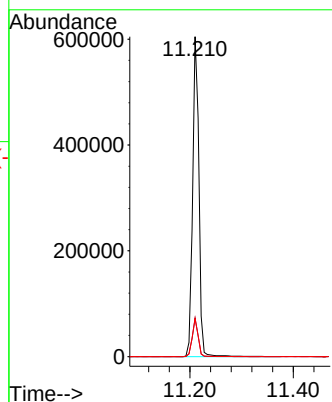
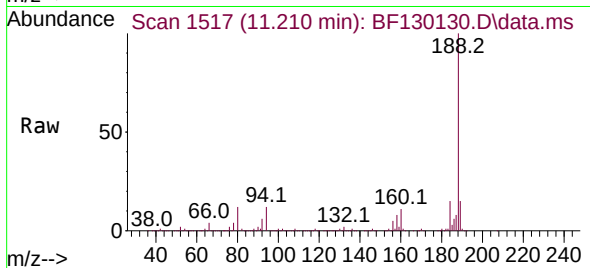
Tgt Ion:188 Resp: 505290

Ion Ratio Lower Upper

188 100

94 12.0 7.4 11.2#

80 11.9 7.9 11.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

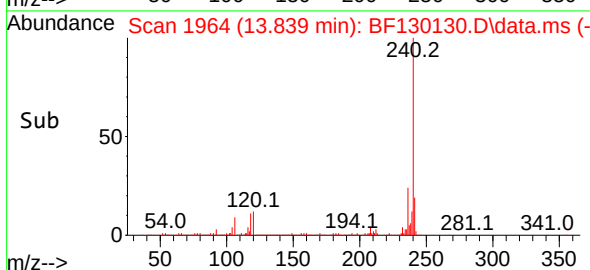
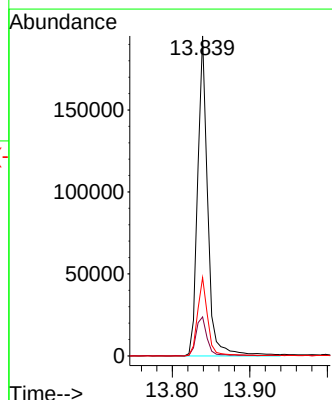
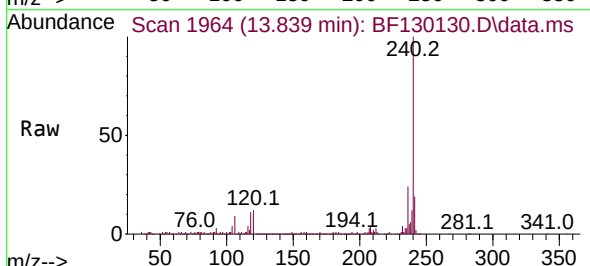
Tgt Ion:240 Resp: 176345

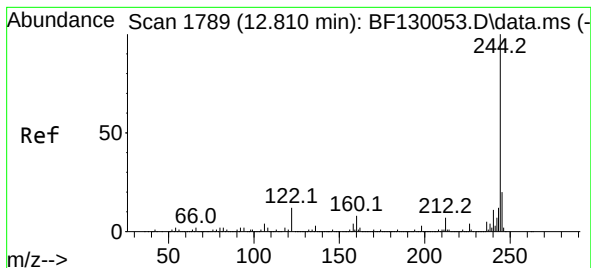
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 24.5 20.7 31.1





#79

Terphenyl-d14

Concen: 120.760 ng

RT: 12.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

Instrument :

BNA_F

ClientSampleId :

MW-06

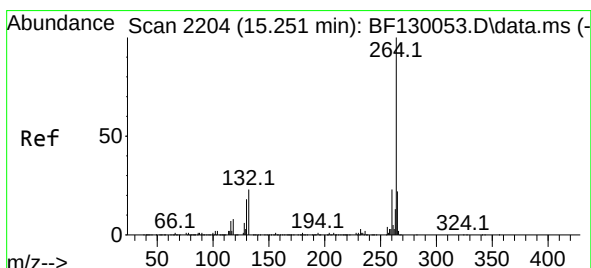
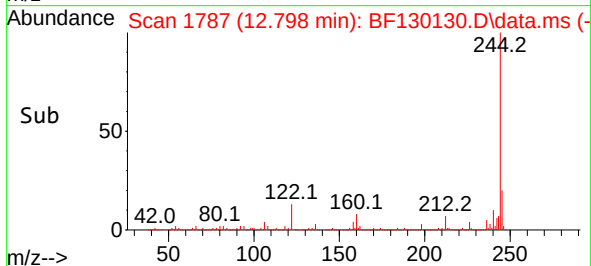
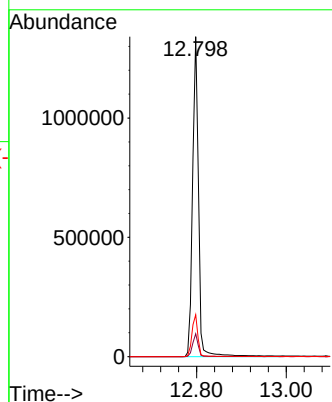
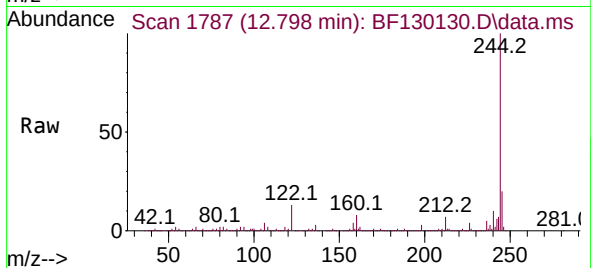
Tgt Ion:244 Resp: 1228024

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 13.1 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.239 min Scan# 2202

Delta R.T. -0.012 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

Tgt Ion:264 Resp: 133206

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.1 16.7 25.1

