

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130128.D
 Acq On : 03 Sep 2022 00:11
 Operator : CG\JU
 Sample : N4446-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Sep 03 05:54:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed 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	219392	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	861290	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	454312	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	735498	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	434376	20.000	ng	-0.02
86) Perylene-d12	15.239	264	377280	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	825295	63.861	ng	0.00
7) Phenol-d6	6.328	99	624142	38.739	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1331390	99.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	617287	149.265	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2343647	85.529	ng	0.00
79) Terphenyl-d14	12.804	244	2286996	91.302	ng	0.00

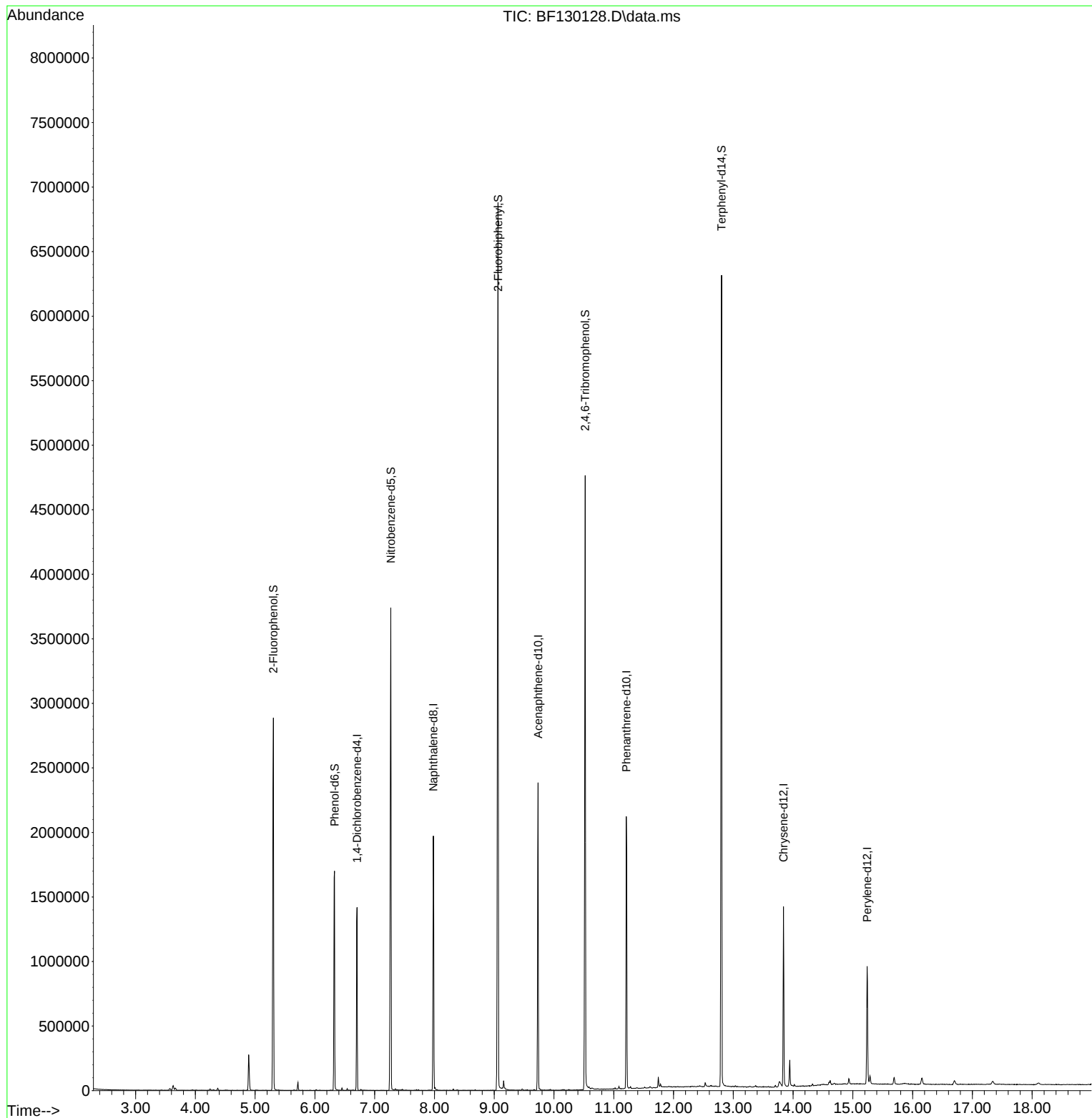
Target Compounds Qvalue

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

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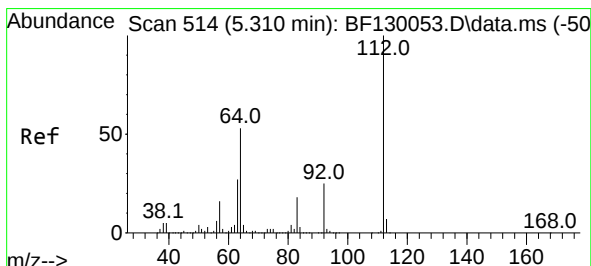
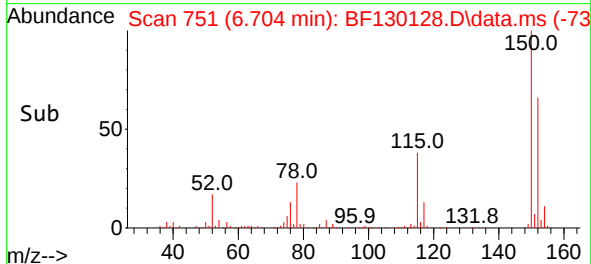
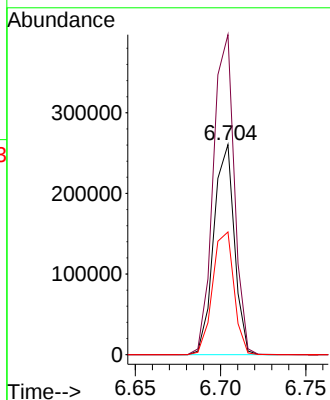
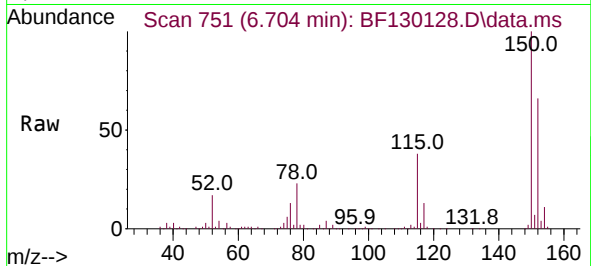




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130128.D
 Acq: 03 Sep 2022 00:11

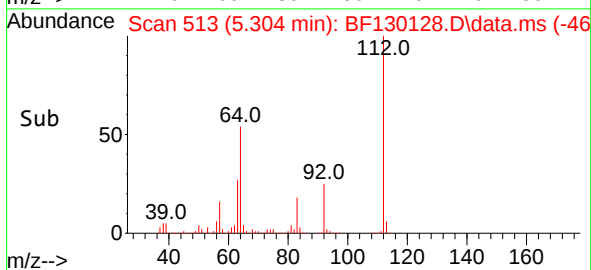
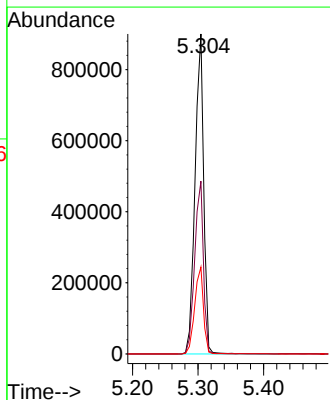
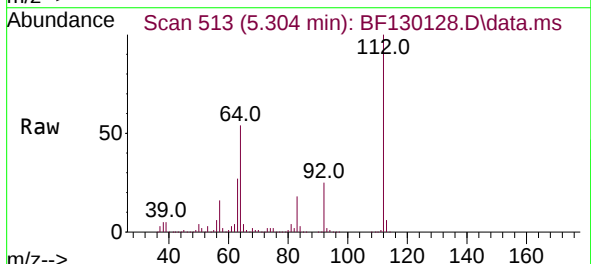
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

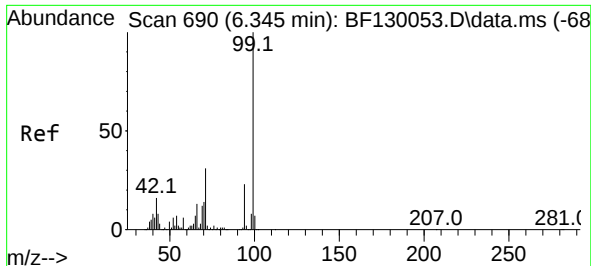
Tgt Ion:152 Resp: 219392
 Ion Ratio Lower Upper
 152 100
 150 152.4 126.9 190.3
 115 58.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 63.861 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130128.D
 Acq: 03 Sep 2022 00:11

Tgt Ion:112 Resp: 825295
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.6 71.4
 63 27.1 24.6 37.0

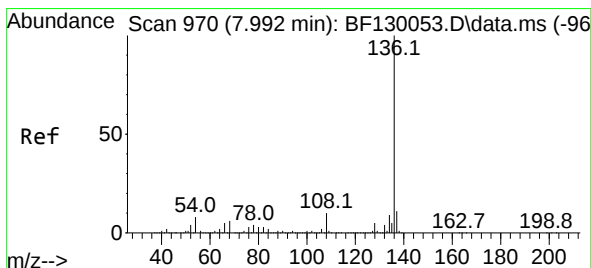
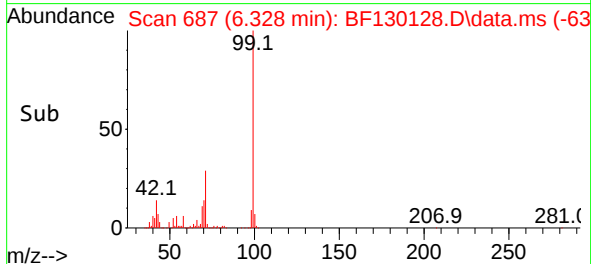
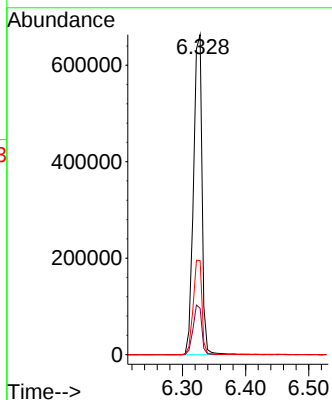
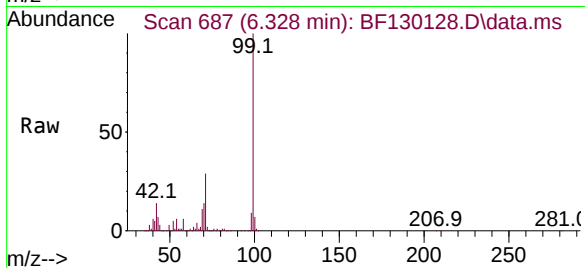




#7
Phenol-d6
Concen: 38.739 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.018 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

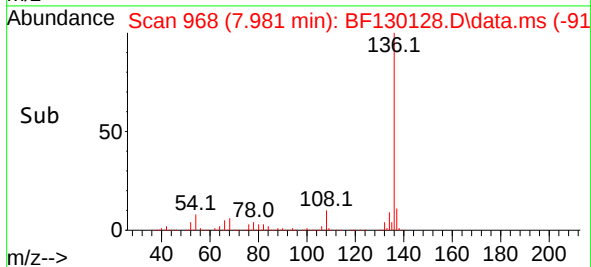
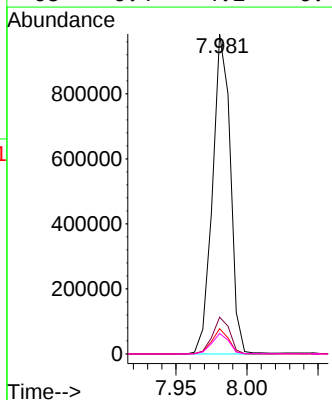
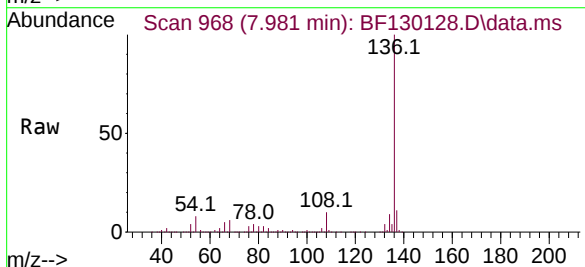
Instrument :
BNA_F
ClientSampleId :
MW-05

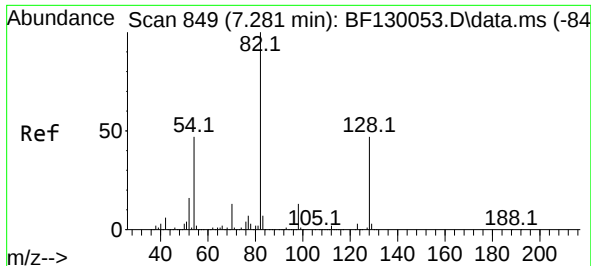
Tgt Ion: 99 Resp: 624142
Ion Ratio Lower Upper
99 100
42 14.5 15.0 22.4#
71 29.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion: 136 Resp: 861290
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 7.9 6.2 9.2
68 6.4 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 99.343 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130128.D

Acq: 03 Sep 2022 00:11

Instrument :

BNA_F

ClientSampleId :

MW-05

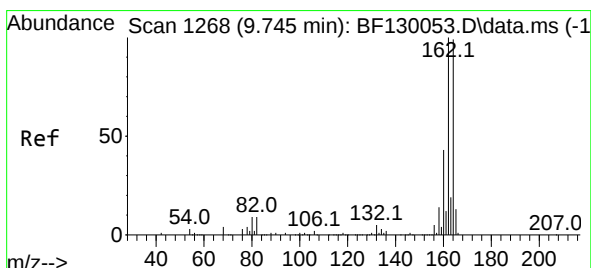
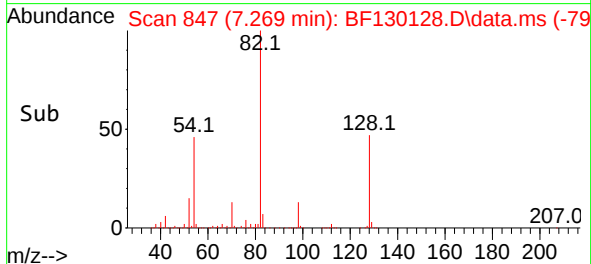
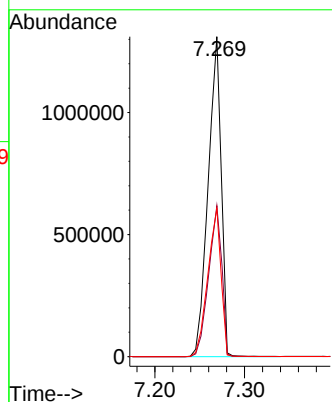
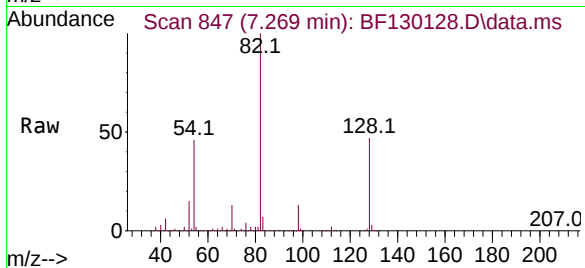
Tgt Ion: 82 Resp: 1331390

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

54 46.4 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.734 min Scan# 1266

Delta R.T. -0.011 min

Lab File: BF130128.D

Acq: 03 Sep 2022 00:11

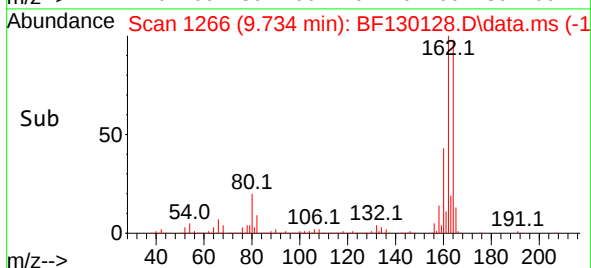
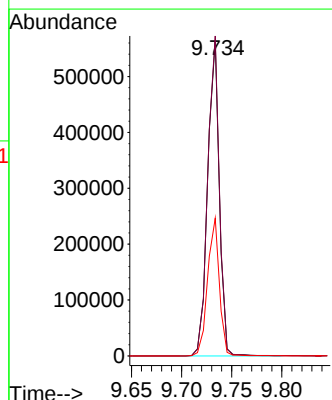
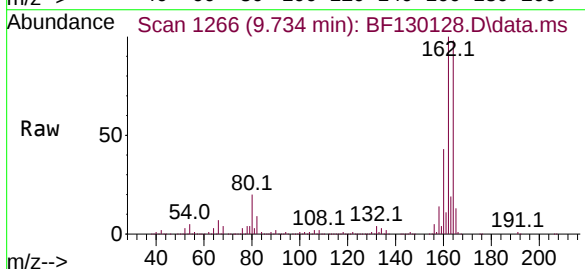
Tgt Ion:164 Resp: 454312

Ion Ratio Lower Upper

164 100

162 101.6 82.0 123.0

160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 149.265 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130128.D

Acq: 03 Sep 2022 00:11

Instrument :

BNA_F

ClientSampleId :

MW-05

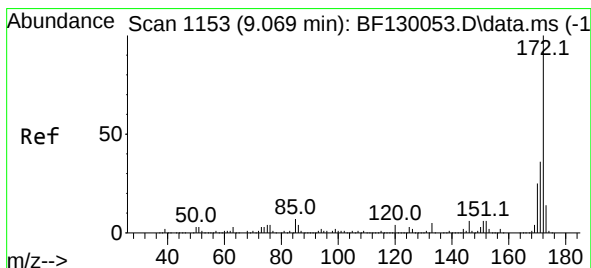
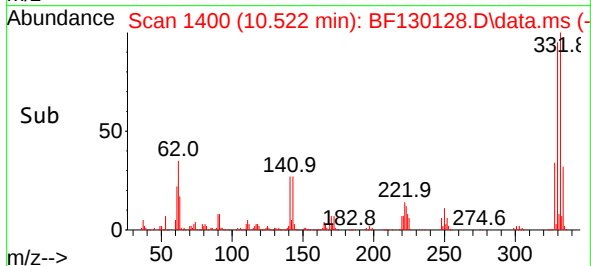
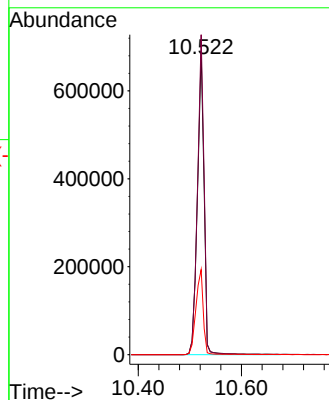
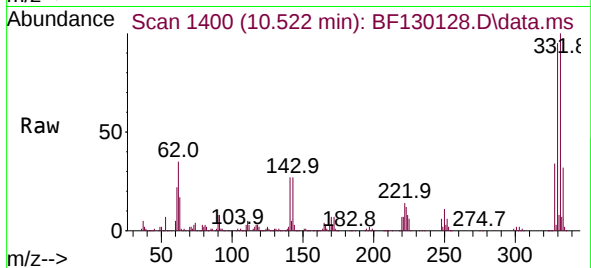
Tgt Ion:330 Resp: 617287

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 30.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.529 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130128.D

Acq: 03 Sep 2022 00:11

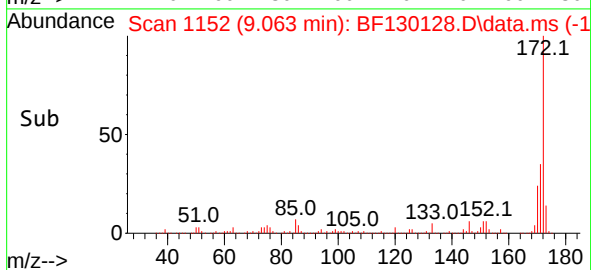
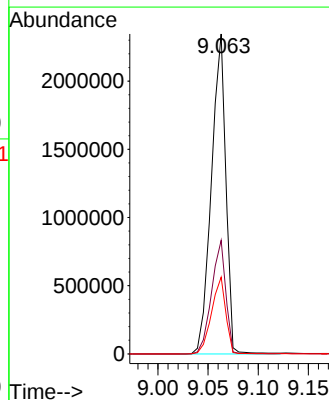
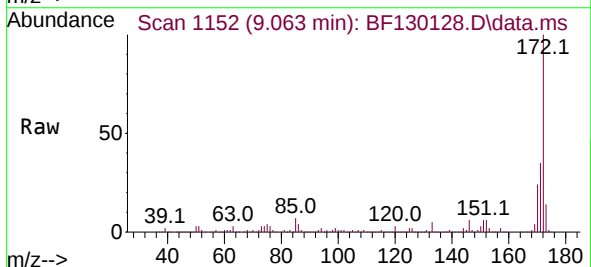
Tgt Ion:172 Resp: 2343647

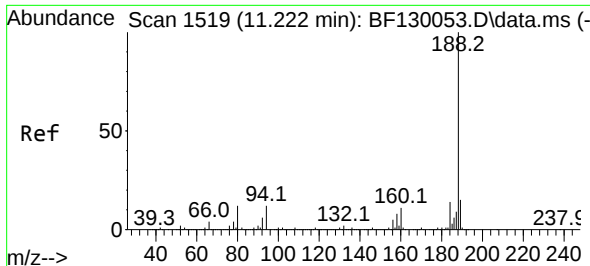
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.0 19.1 28.7

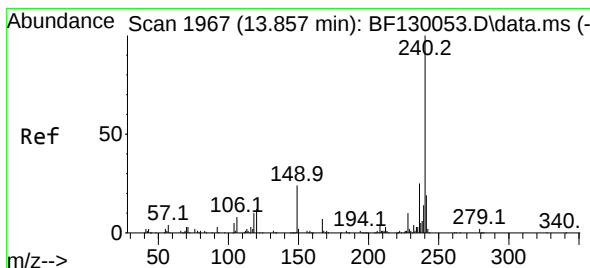
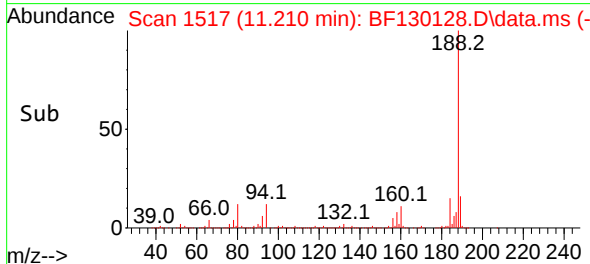
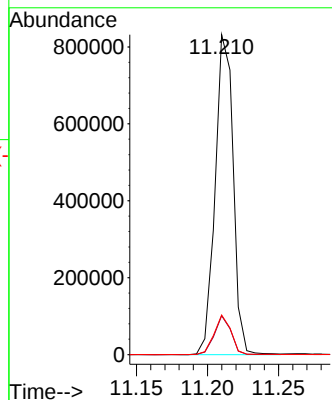
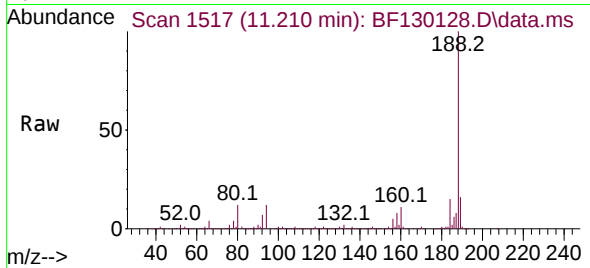




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

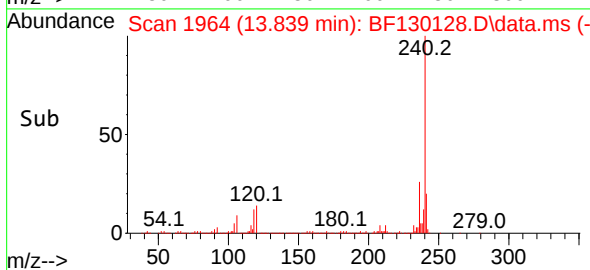
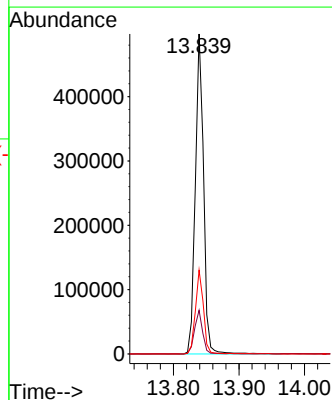
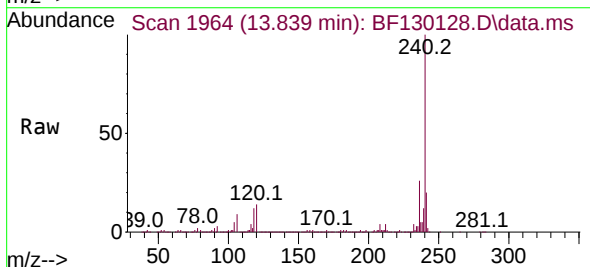
Instrument :
BNA_F
ClientSampleId :
MW-05

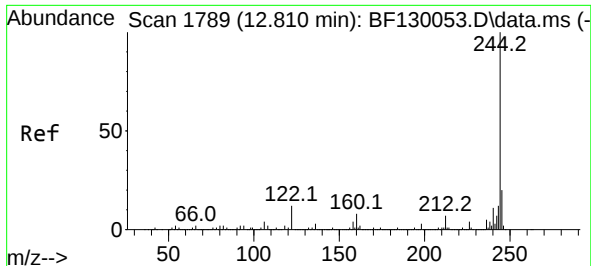
Tgt Ion:188 Resp: 735498
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.4 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion:240 Resp: 434376
Ion Ratio Lower Upper
240 100
120 13.6 9.2 13.8
236 26.2 20.7 31.1

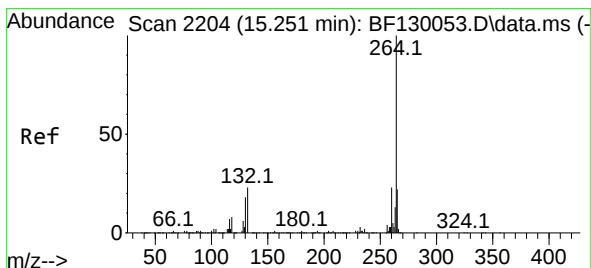
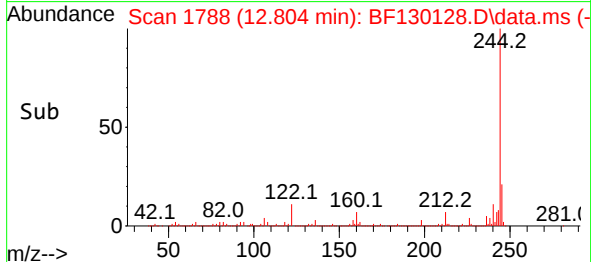
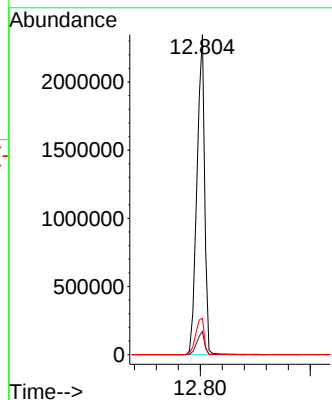
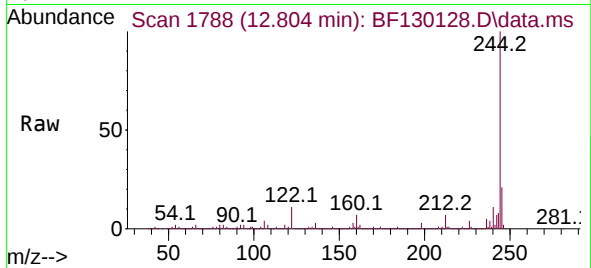




#79
 Terphenyl-d14
 Concen: 91.302 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130128.D
 Acq: 03 Sep 2022 00:11

Instrument :
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 ClientSampleId :
 MW-05

Tgt Ion:244 Resp: 2286996
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.4 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: BF130128.D
 Acq: 03 Sep 2022 00:11

Tgt Ion:264 Resp: 377280
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 16.7 25.1

