

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130383.D
 Acq On : 22 Sep 2022 19:18
 Operator : CG\JU
 Sample : N4733-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092122

Quant Time: Sep 23 02:58:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	88588	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	302802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	142301	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	243271	20.000	ng	0.00
76) Chrysene-d12	13.804	240	213079	20.000	ng	0.00
86) Perylene-d12	15.192	264	170011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	118172	23.137	ng	0.00
7) Phenol-d6	6.293	99	133674	20.917	ng	0.00
23) Nitrobenzene-d5	7.216	82	79317	13.382	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	27615	20.253	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	143211	14.655	ng	-0.01
79) Terphenyl-d14	12.751	244	165212	12.844	ng	0.00

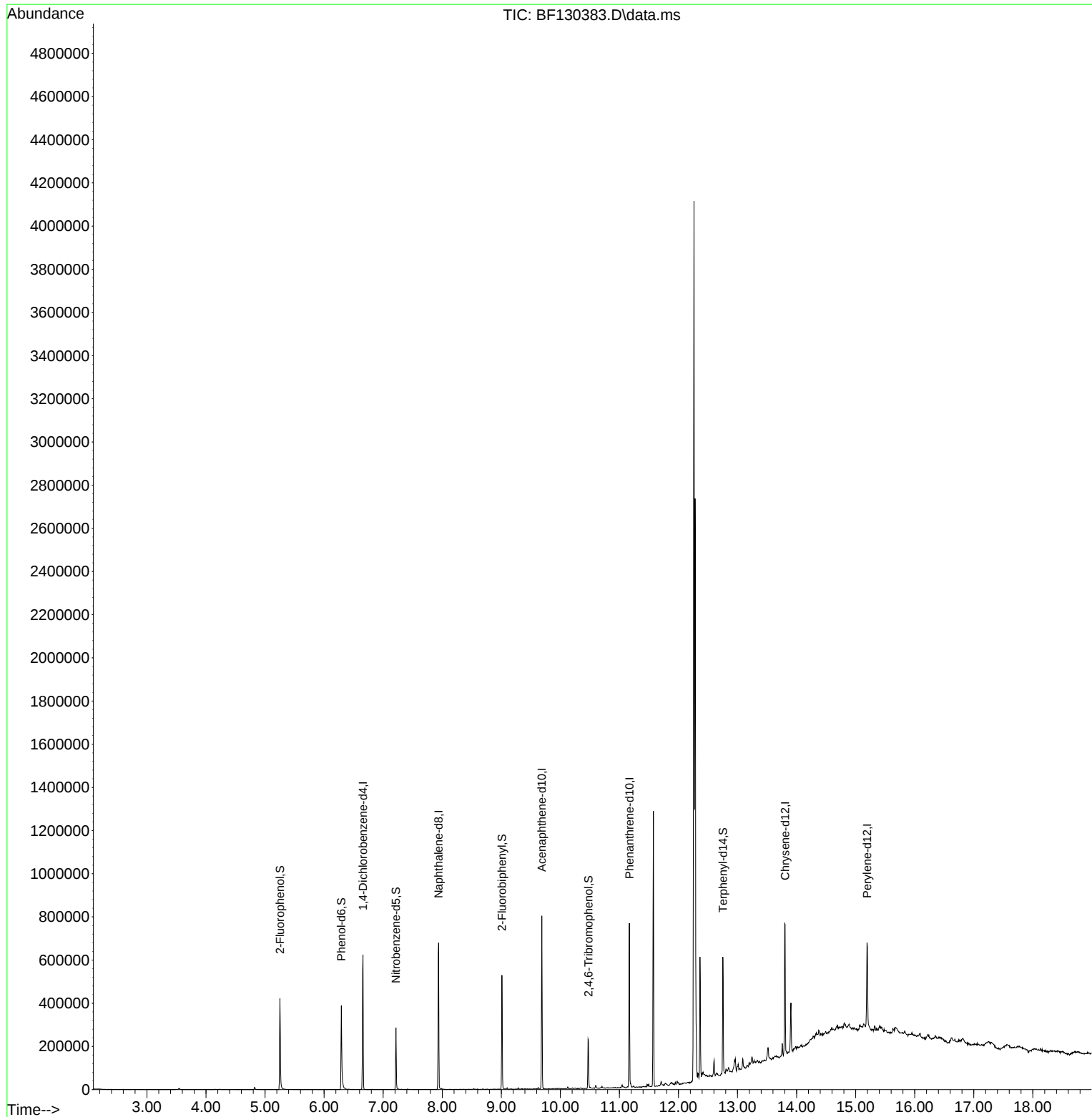
Target Compounds	Qvalue

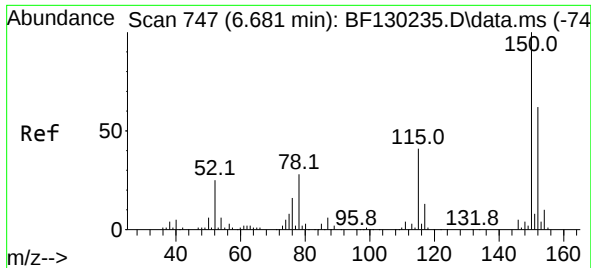
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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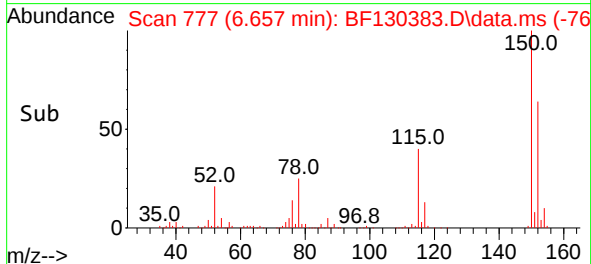
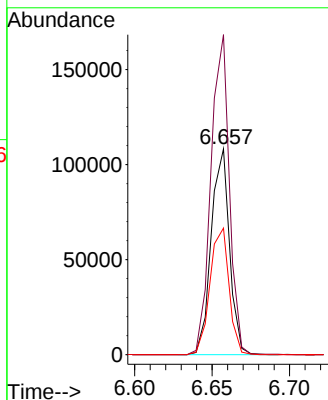
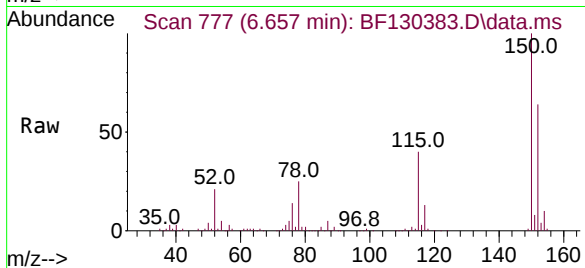




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

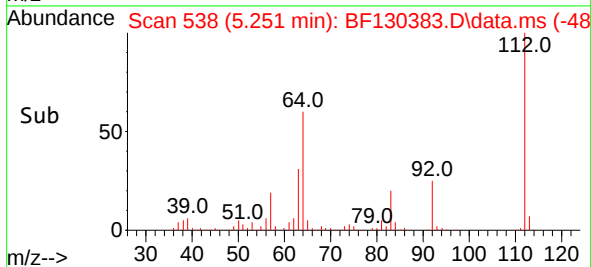
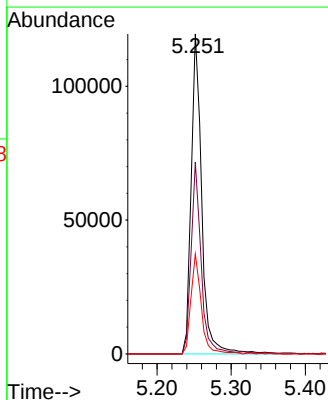
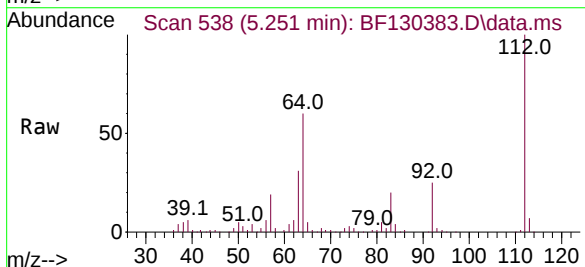
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

Tgt Ion:152 Resp: 88588
Ion Ratio Lower Upper
152 100
150 155.6 122.8 184.2
115 61.5 53.8 80.8



#5
2-Fluorophenol
Concen: 23.137 ng
RT: 5.251 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion:112 Resp: 118172
Ion Ratio Lower Upper
112 100
64 60.0 51.4 77.0
63 31.2 28.8 43.2

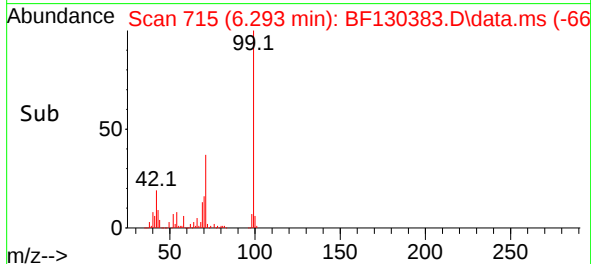
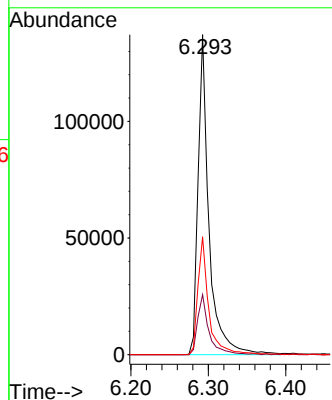
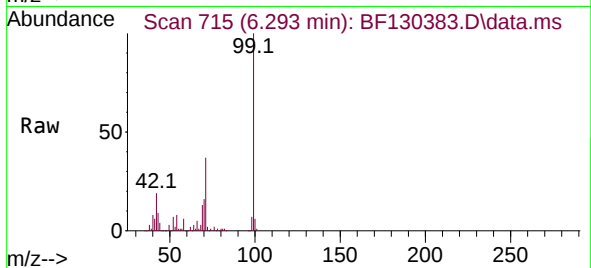




#7
Phenol-d6
Concen: 20.917 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

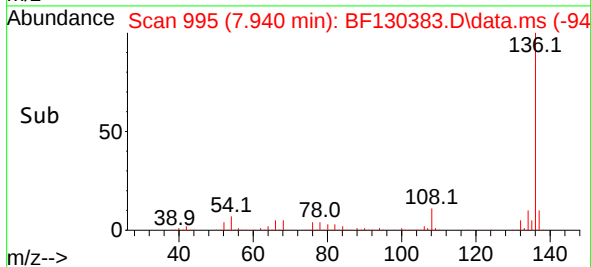
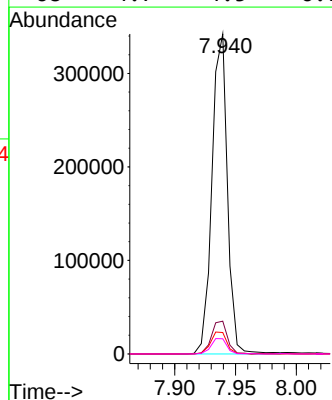
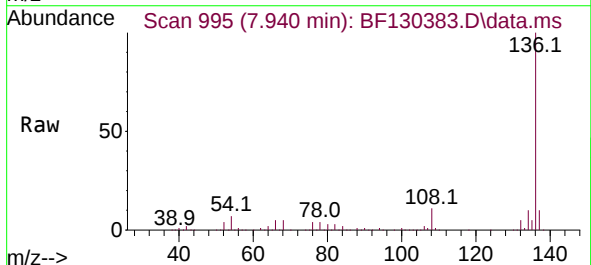
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

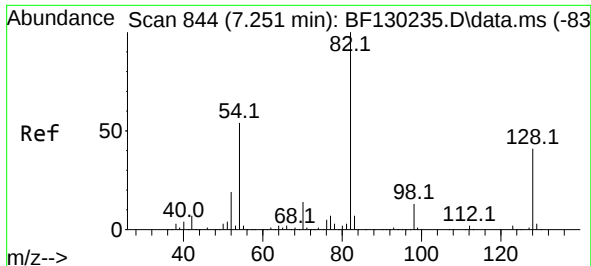
Tgt Ion: 99 Resp: 133674
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 36.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion: 136 Resp: 302802
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 6.7 7.1 10.7#
68 4.7 4.5 6.7

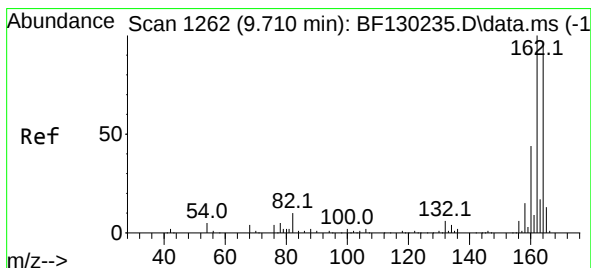
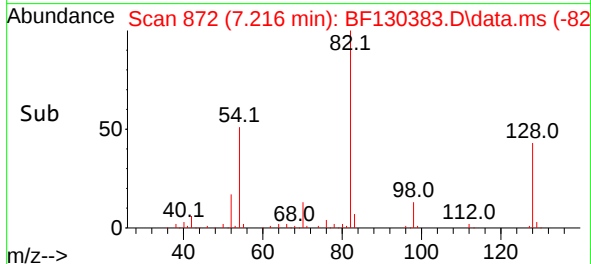
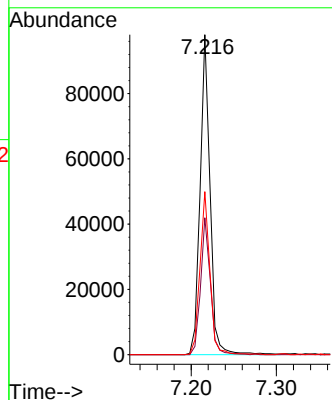
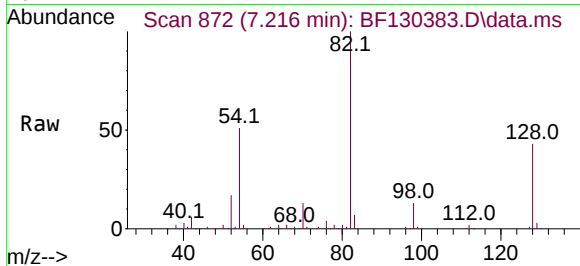




#23
Nitrobenzene-d5
Concen: 13.382 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

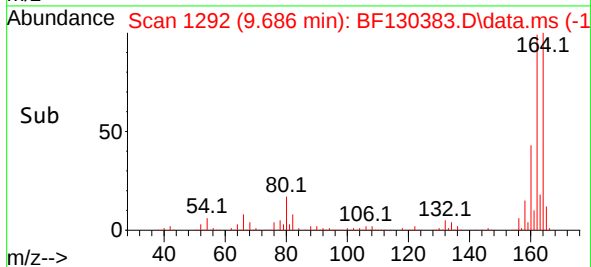
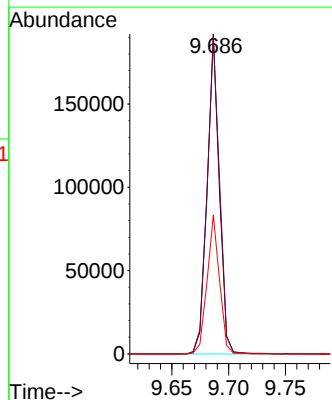
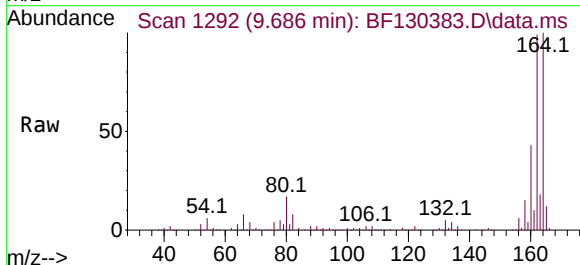
Instrument :
BNA_F
ClientSampleId :
AU-05-092122

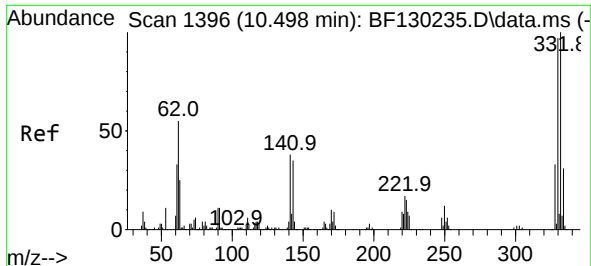
Tgt Ion: 82 Resp: 79317
Ion Ratio Lower Upper
82 100
128 42.8 32.6 49.0
54 50.9 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130383.D
Acq: 22 Sep 2022 19:18

Tgt Ion:164 Resp: 142301
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 43.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 20.253 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130383.D

Acq: 22 Sep 2022 19:18

Instrument :

BNA_F

ClientSampleId :

AU-05-092122

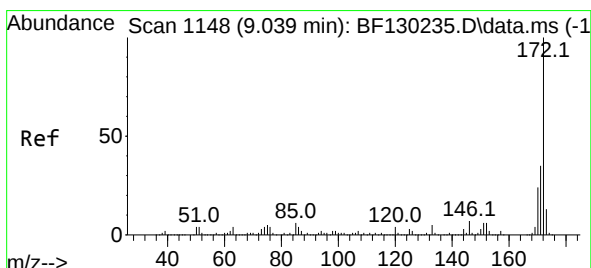
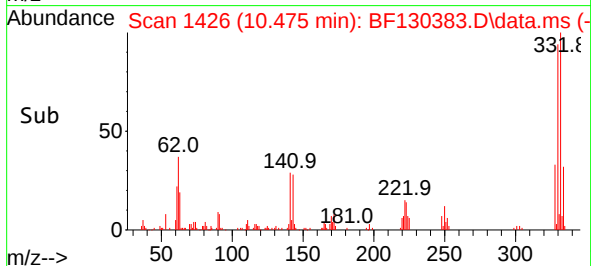
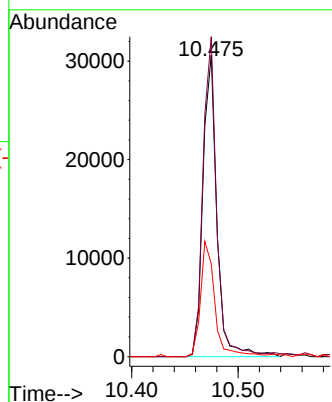
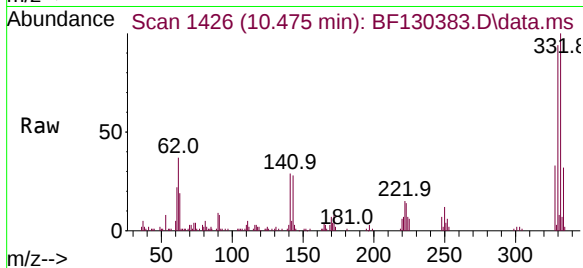
Tgt Ion:330 Resp: 27615

Ion Ratio Lower Upper

330 100

332 104.1 83.4 125.2

141 39.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 14.655 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130383.D

Acq: 22 Sep 2022 19:18

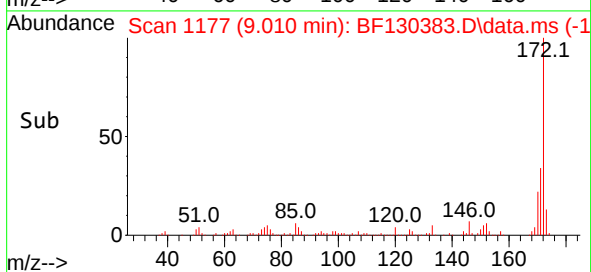
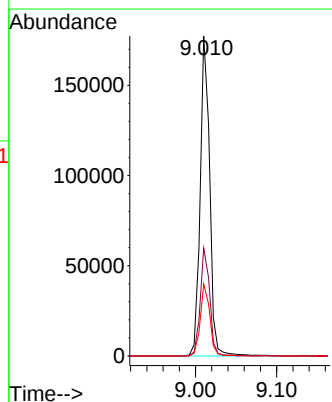
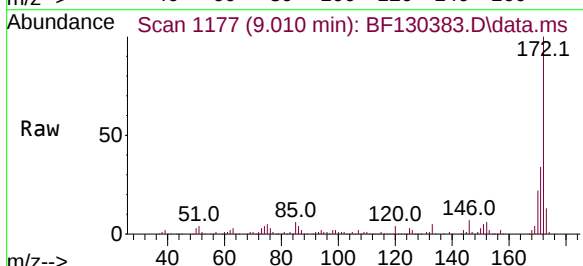
Tgt Ion:172 Resp: 143211

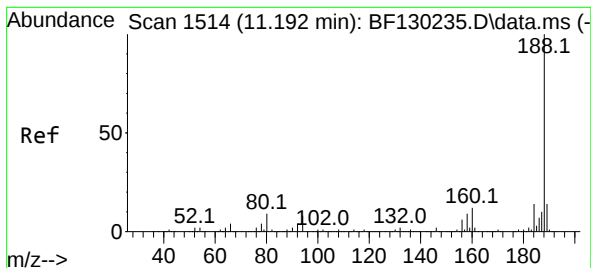
Ion Ratio Lower Upper

172 100

171 33.7 28.3 42.5

170 22.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130383.D

Acq: 22 Sep 2022 19:18

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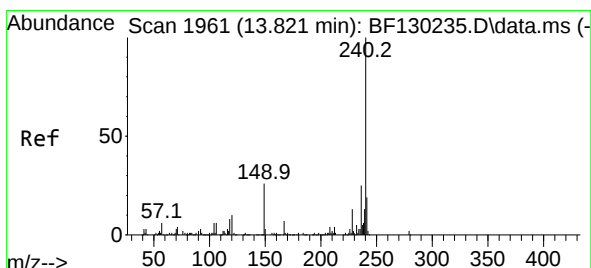
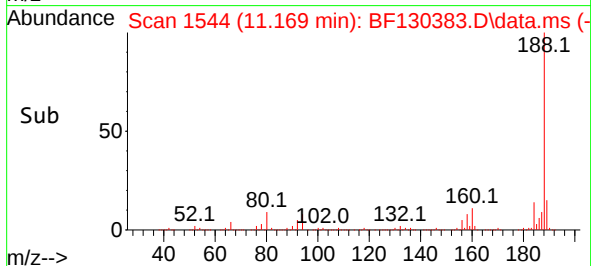
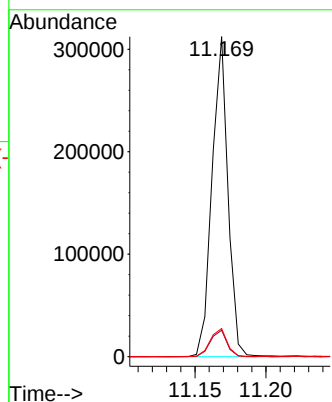
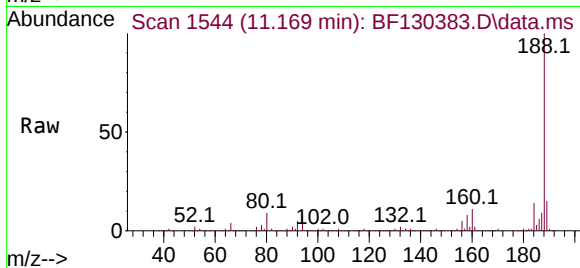
Tgt Ion:188 Resp: 243271

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF130383.D

Acq: 22 Sep 2022 19:18

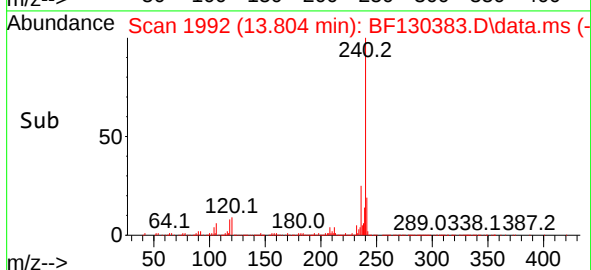
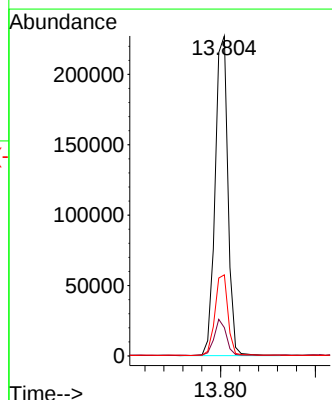
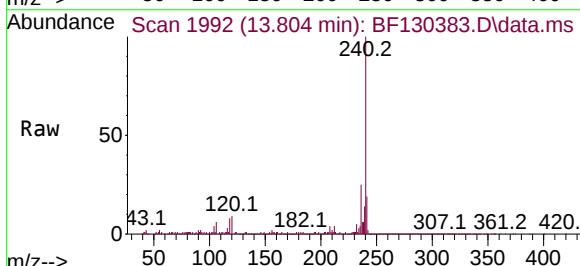
Tgt Ion:240 Resp: 213079

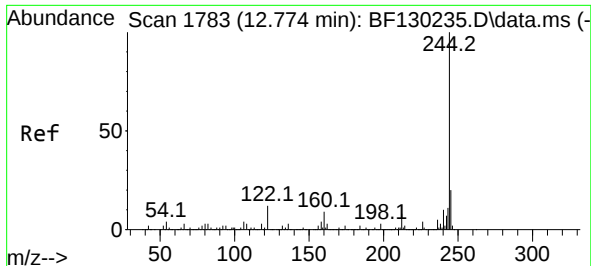
Ion Ratio Lower Upper

240 100

120 8.8 8.7 13.1

236 25.3 20.9 31.3

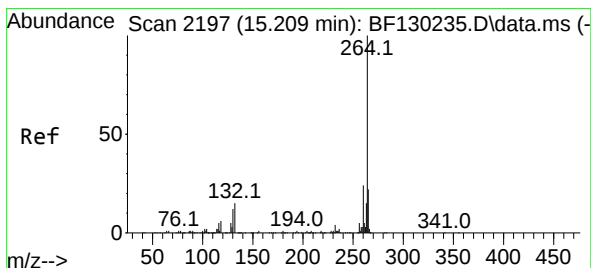
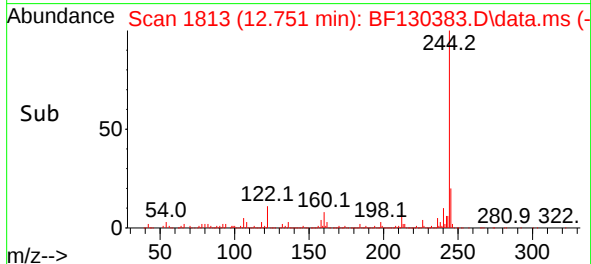
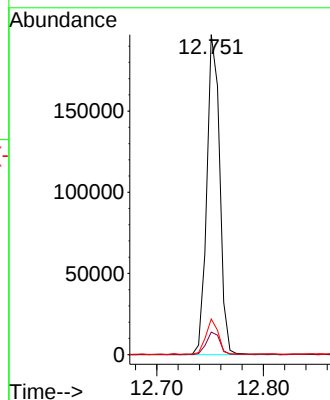
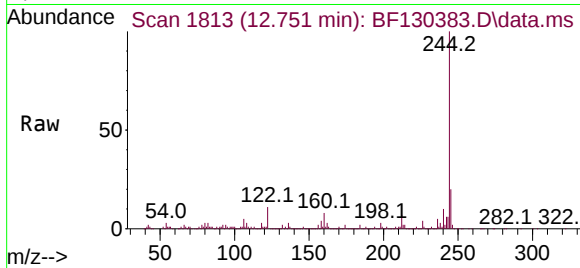




#79
 Terphenyl-d14
 Concen: 12.844 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130383.D
 Acq: 22 Sep 2022 19:18

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-092122

Tgt Ion:244 Resp: 165212
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130383.D
 Acq: 22 Sep 2022 19:18

Tgt Ion:264 Resp: 170011
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 22.0 17.0 25.4

