

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130358.D
 Acq On : 21 Sep 2022 13:01
 Operator : CG\JU
 Sample : PB147377BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147377BL

Quant Time: Sep 21 13:56:23 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	147263	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	599282	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	315931	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	522231	20.000	ng	0.00
76) Chrysene-d12	13.798	240	336933	20.000	ng	0.00
86) Perylene-d12	15.192	264	247253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	1366503	160.947	ng	0.02
7) Phenol-d6	6.304	99	1683852	158.503	ng	0.00
23) Nitrobenzene-d5	7.228	82	1098724	93.666	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	534587	176.593	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	2008925	92.595	ng	0.00
79) Terphenyl-d14	12.763	244	2192507	107.792	ng	0.00

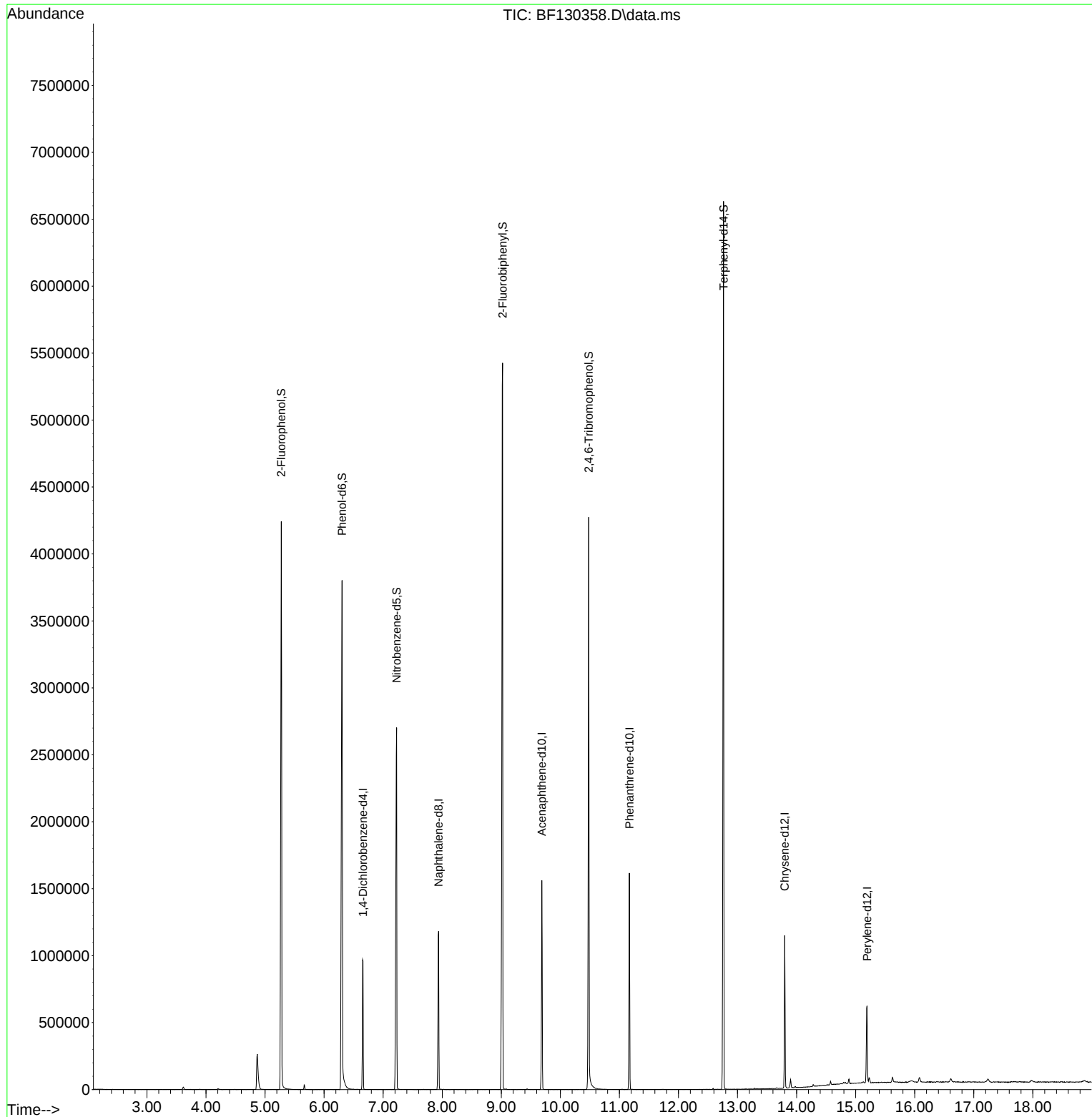
Target Compounds Qvalue

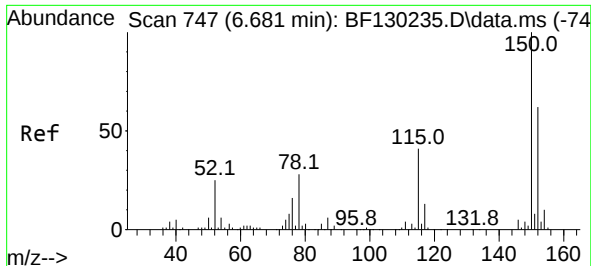
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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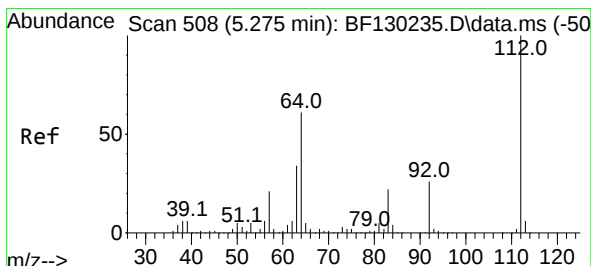
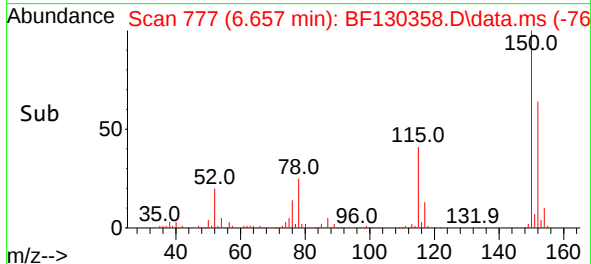
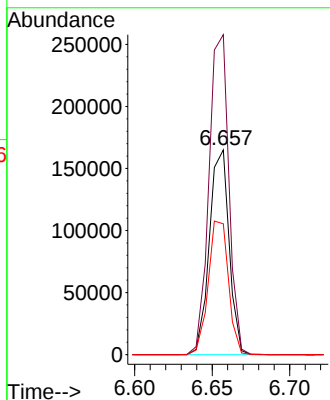
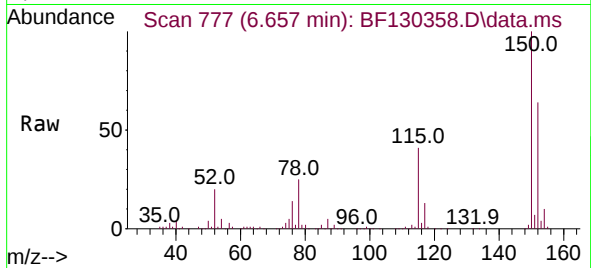




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

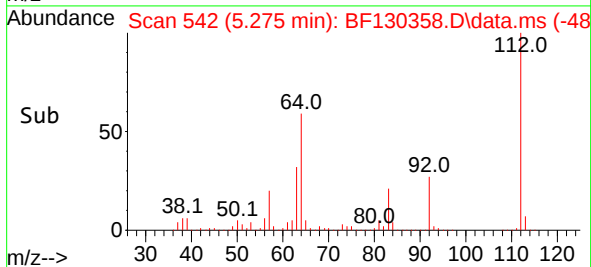
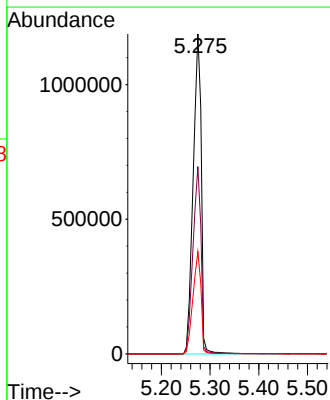
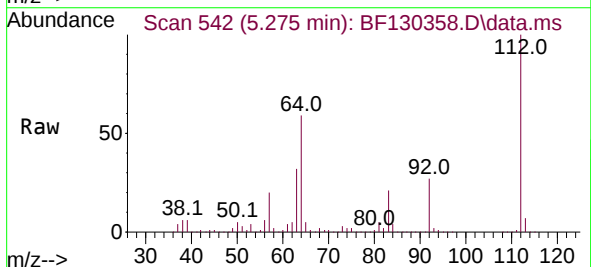
Instrument :
BNA_F
ClientSampleId :
PB147377BL

Tgt Ion:152 Resp: 147263
Ion Ratio Lower Upper
152 100
150 156.3 122.8 184.2
115 63.8 53.8 80.8



#5
2-Fluorophenol
Concen: 160.947 ng
RT: 5.275 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Tgt Ion:112 Resp: 1366503
Ion Ratio Lower Upper
112 100
64 58.5 51.4 77.0
63 32.0 28.8 43.2

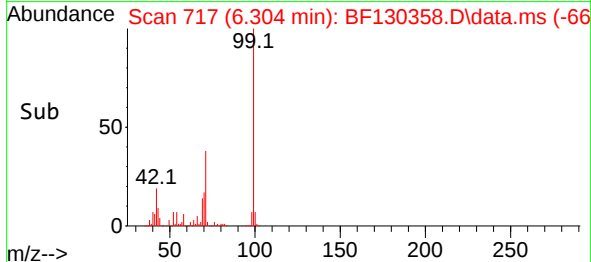
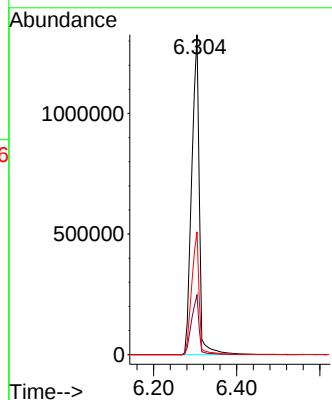
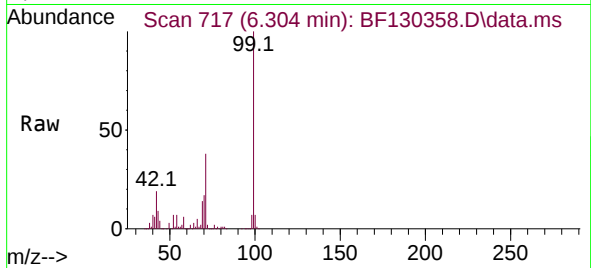




#7
Phenol-d6
Concen: 158.503 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

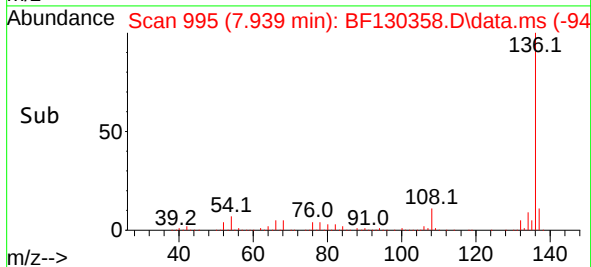
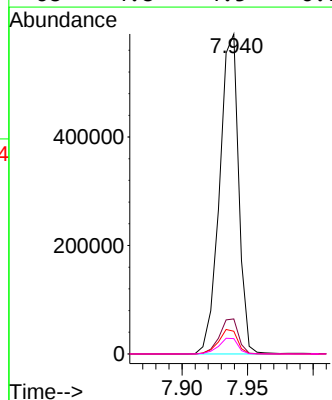
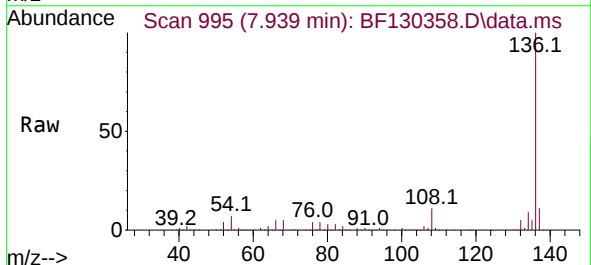
Instrument :
BNA_F
ClientSampleId :
PB147377BL

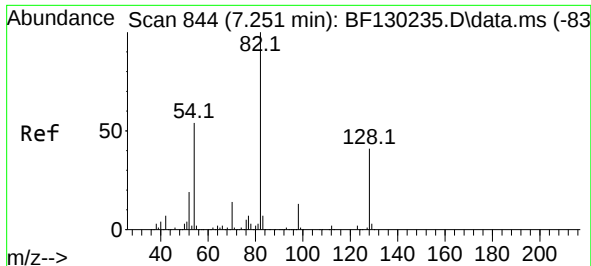
Tgt Ion: 99 Resp: 1683852
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 38.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Tgt Ion: 136 Resp: 599282
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.1 7.1 10.7#
68 4.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.666 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130358.D

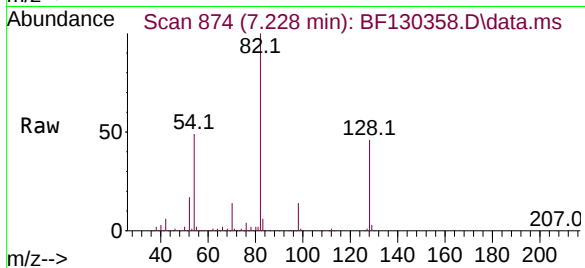
Acq: 21 Sep 2022 13:01

Instrument :

BNA_F

ClientSampleId :

PB147377BL



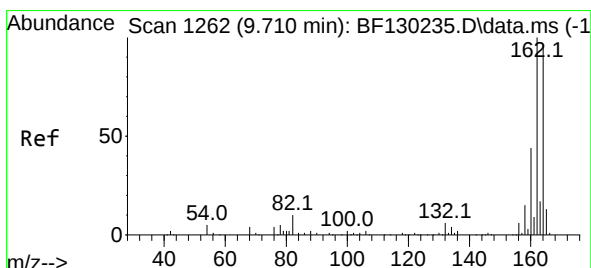
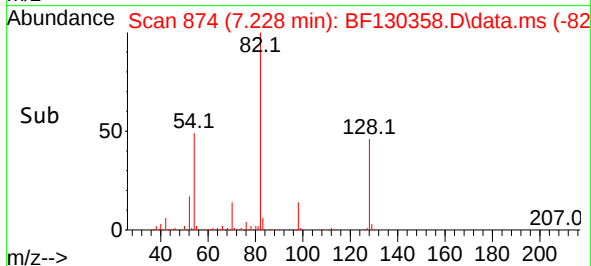
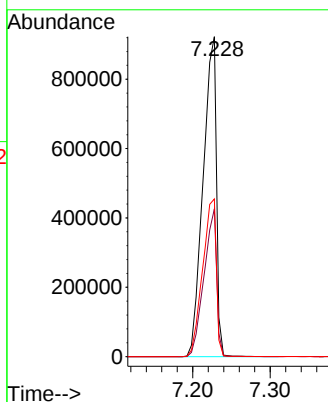
Tgt Ion: 82 Resp: 1098724

Ion Ratio Lower Upper

82 100

128 46.1 32.6 49.0

54 49.3 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: BF130358.D

Acq: 21 Sep 2022 13:01

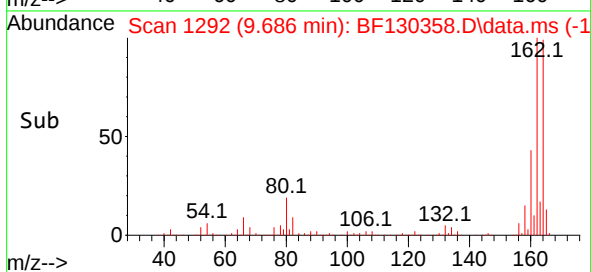
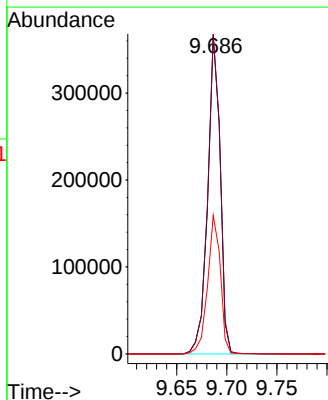
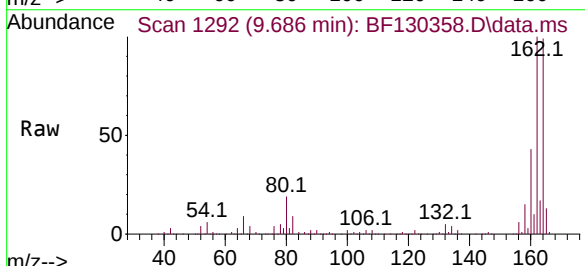
Tgt Ion:164 Resp: 315931

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

160 43.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 176.593 ng

RT: 10.480 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF130358.D

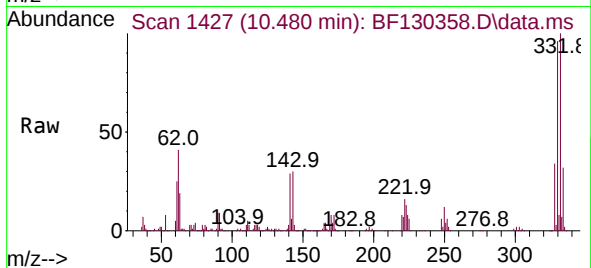
Acq: 21 Sep 2022 13:01

Instrument :

BNA_F

ClientSampleId :

PB147377BL



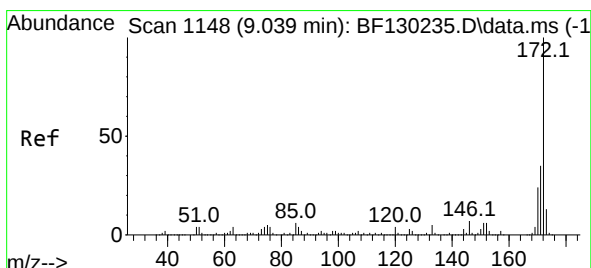
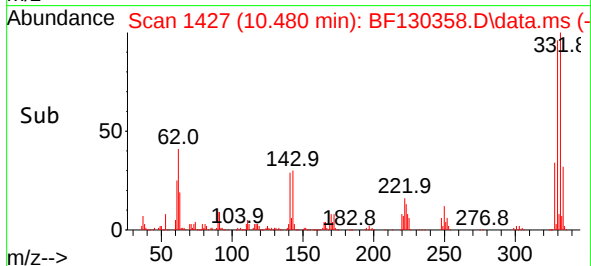
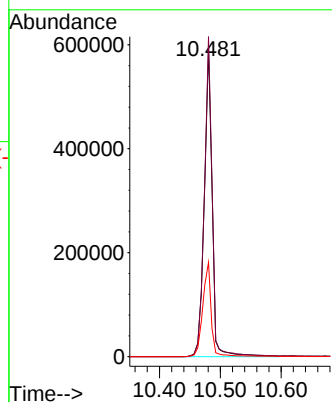
Tgt Ion:330 Resp: 534587

Ion Ratio Lower Upper

330 100

332 103.2 83.4 125.2

141 33.0 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 92.595 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF130358.D

Acq: 21 Sep 2022 13:01

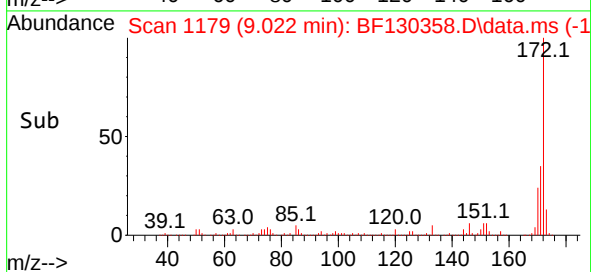
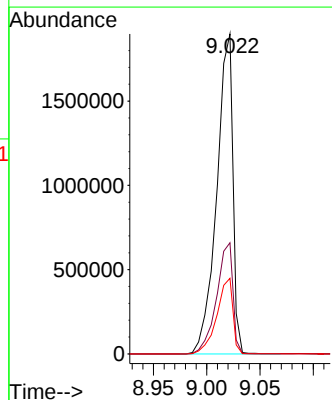
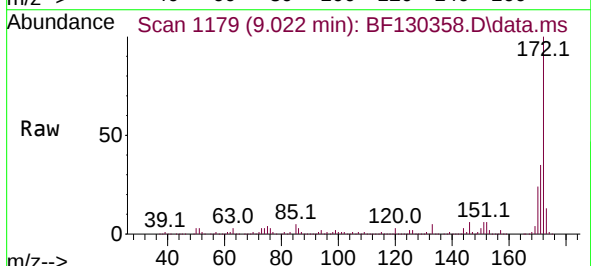
Tgt Ion:172 Resp: 2008925

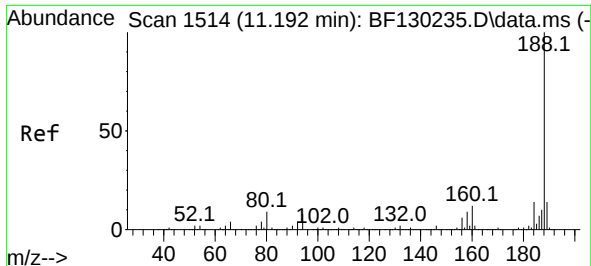
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.7 18.7 28.1

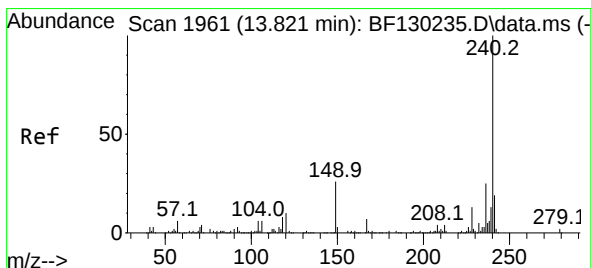
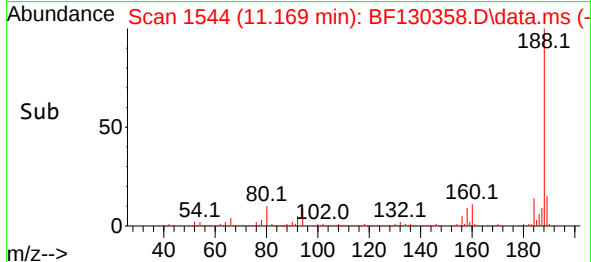
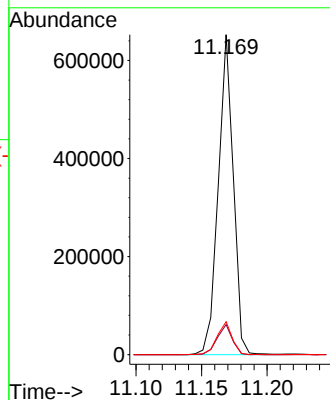
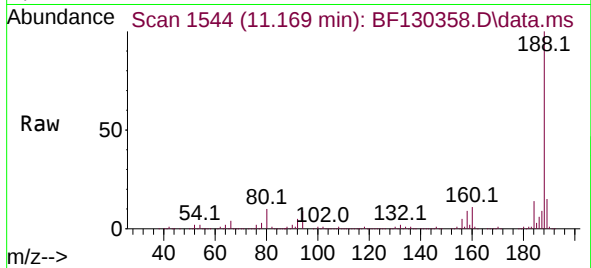




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

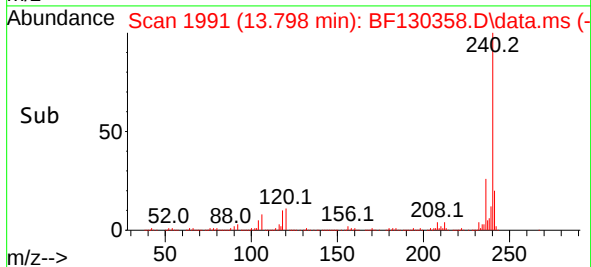
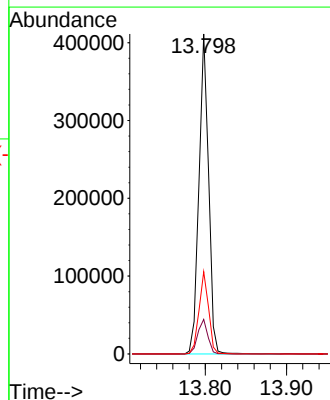
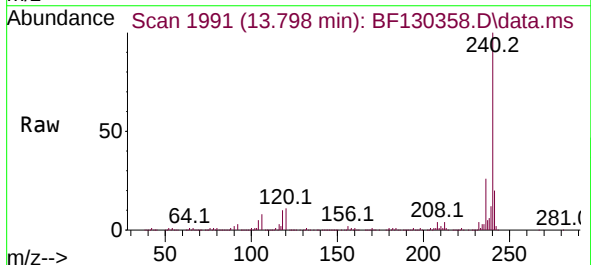
Instrument :
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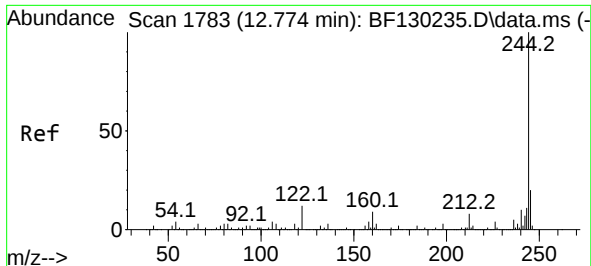
Tgt Ion:188 Resp: 522231
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

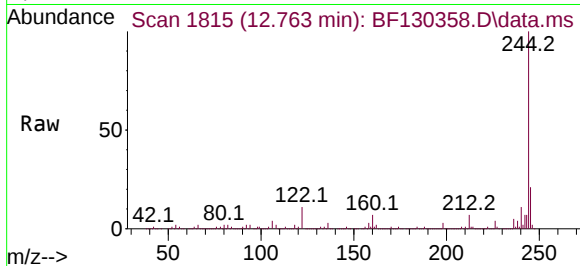
Tgt Ion:240 Resp: 336933
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 25.7 20.9 31.3



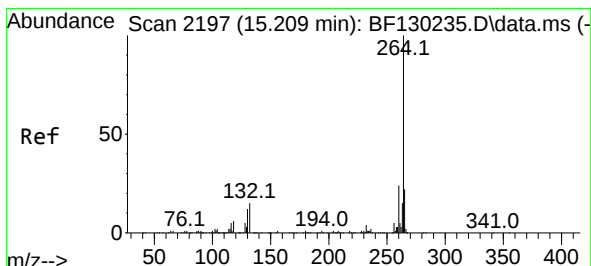
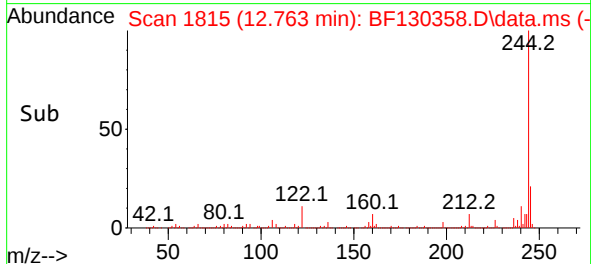
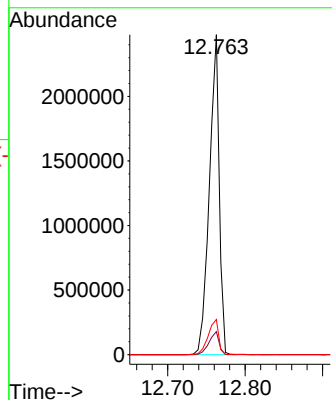


#79
 Terphenyl-d14
 Concen: 107.792 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF130358.D
 Acq: 21 Sep 2022 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB147377BL



Tgt Ion:244 Resp: 2192507
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.0 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: BF130358.D
 Acq: 21 Sep 2022 13:01

Tgt Ion:264 Resp: 247253
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 22.5 17.0 25.4

