

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130398.D
 Acq On : 23 Sep 2022 19:14
 Operator : CG\JU
 Sample : N4765-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-092222

Quant Time: Sep 24 03:19:08 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	6.651	152	68873	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	236129	20.000	ng	#-0.01
39) Acenaphthene-d10	9.687	164	106079	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	183447	20.000	ng	# 0.00
76) Chrysene-d12	13.798	240	197712	20.000	ng	0.00
86) Perylene-d12	15.198	264	178128	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	32317	8.139	ng	-0.01
7) Phenol-d6	6.293	99	37833	7.615	ng	0.00
23) Nitrobenzene-d5	7.210	82	22957	4.967	ng	-0.02
42) 2,4,6-Tribromophenol	10.475	330	8283	8.149	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	43357	5.952	ng	-0.01
79) Terphenyl-d14	12.751	244	50362	4.219	ng	0.00

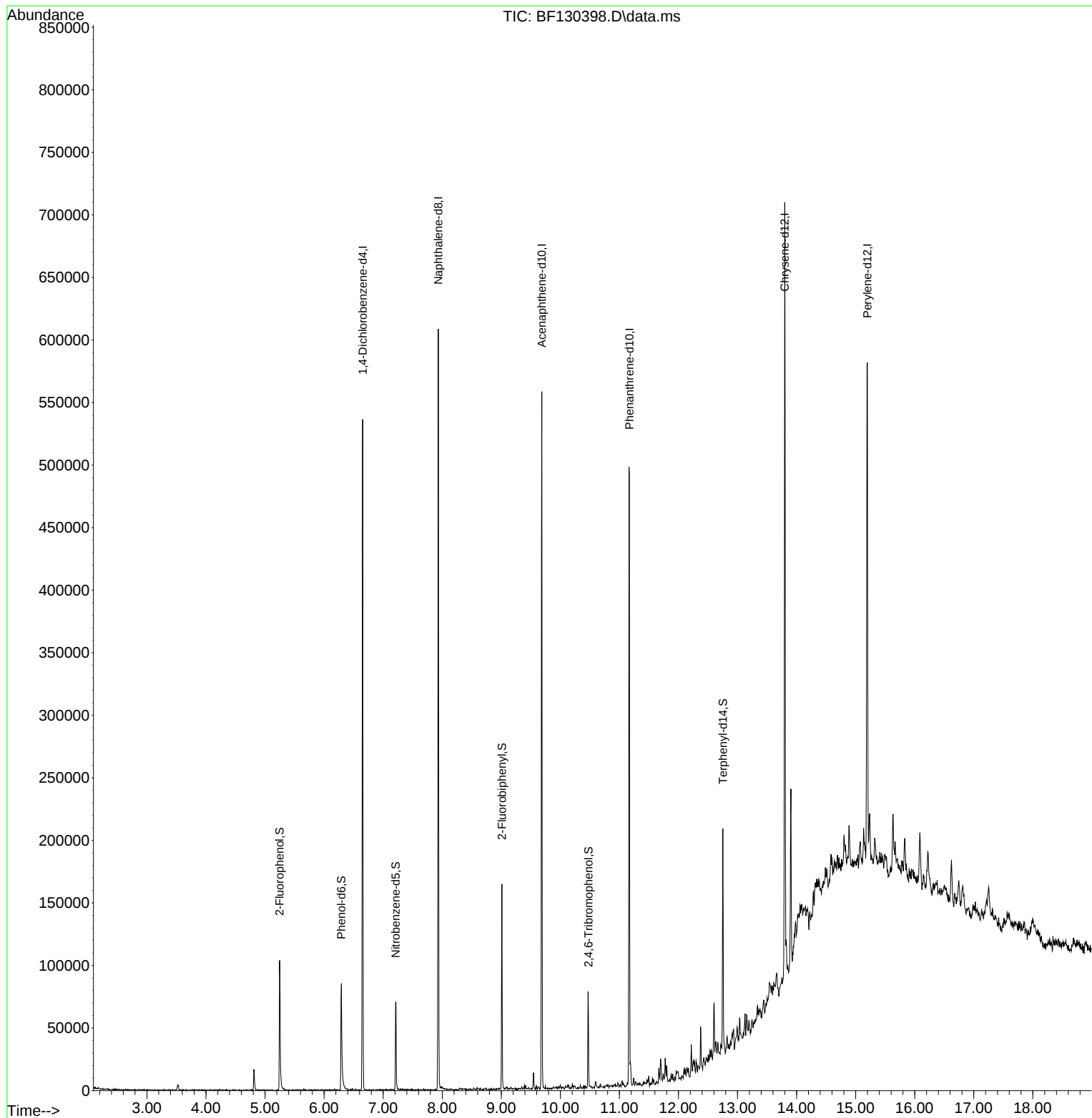
Target Compounds	Qvalue

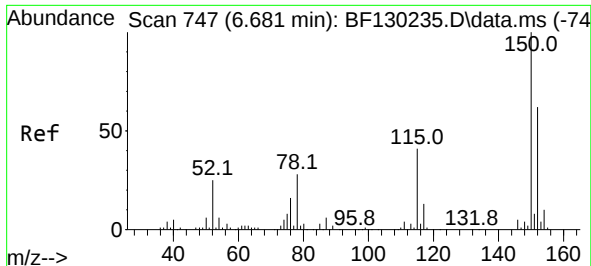
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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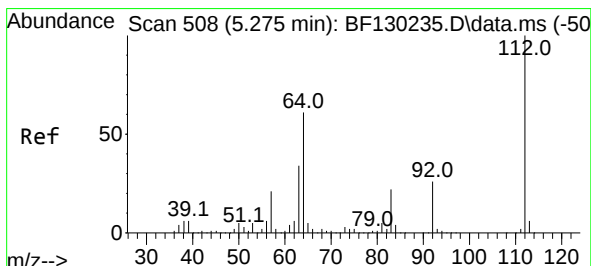
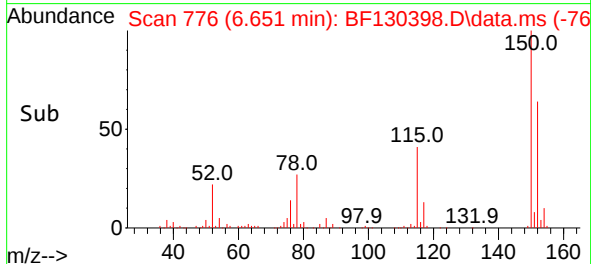
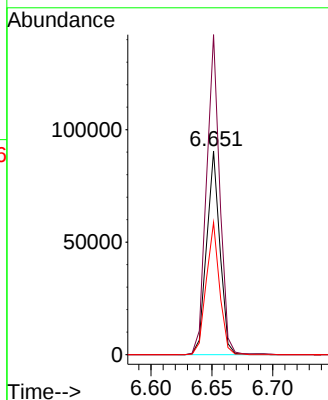
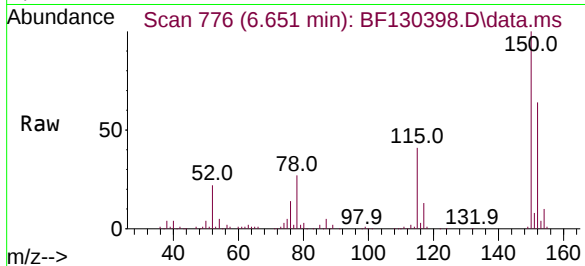




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130398.D
Acq: 23 Sep 2022 19:14

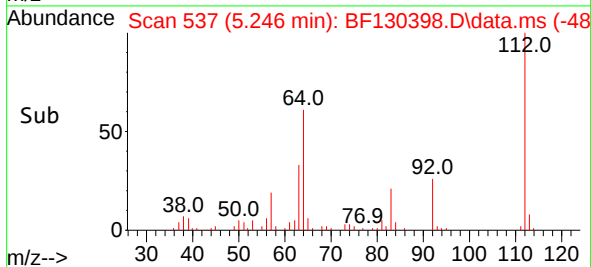
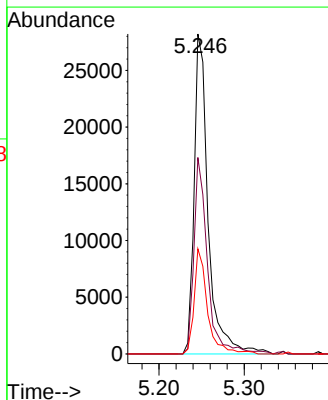
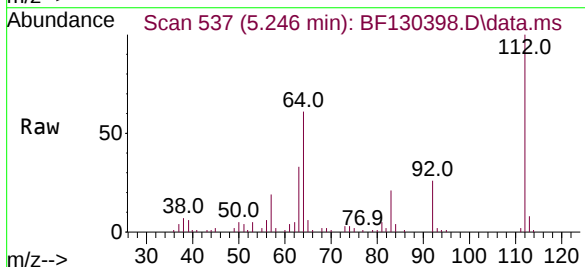
Instrument :
BNA_F
ClientSampleId :
OK-01-092222

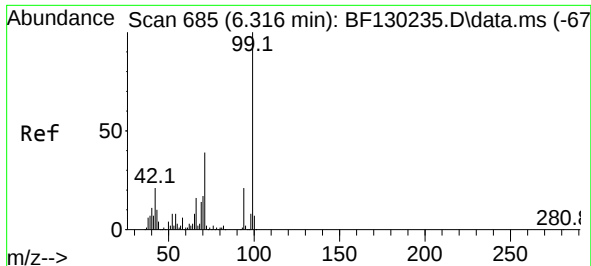
Tgt Ion:152 Resp: 68873
Ion Ratio Lower Upper
152 100
150 157.2 122.8 184.2
115 64.9 53.8 80.8



#5
2-Fluorophenol
Concen: 8.139 ng
RT: 5.246 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF130398.D
Acq: 23 Sep 2022 19:14

Tgt Ion:112 Resp: 32317
Ion Ratio Lower Upper
112 100
64 61.4 51.4 77.0
63 32.8 28.8 43.2

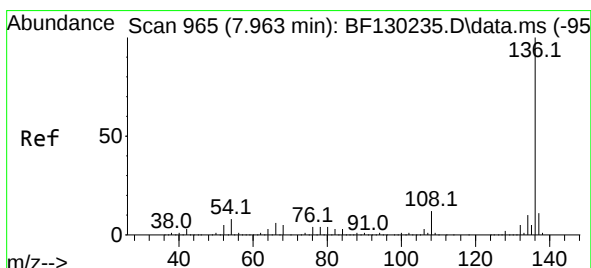
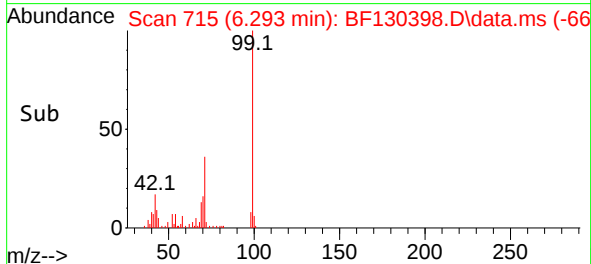
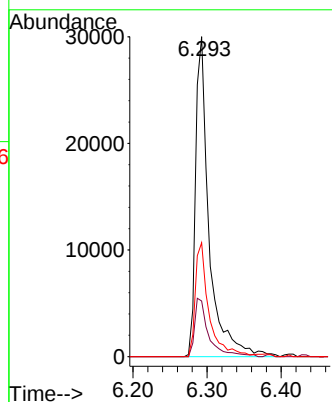
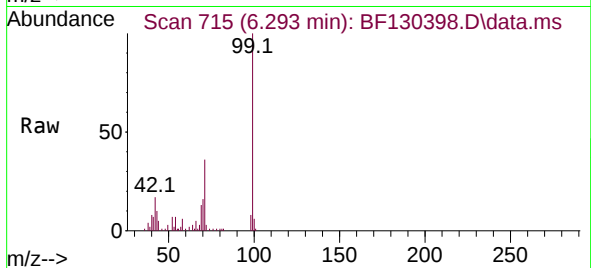




#7
Phenol-d6
Concen: 7.615 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130398.D
Acq: 23 Sep 2022 19:14

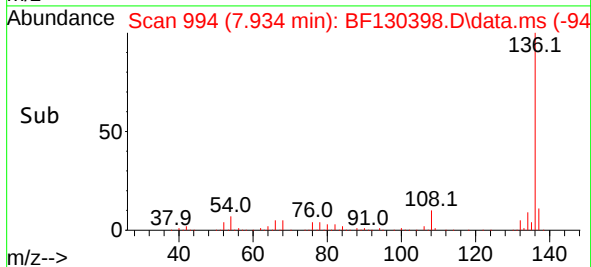
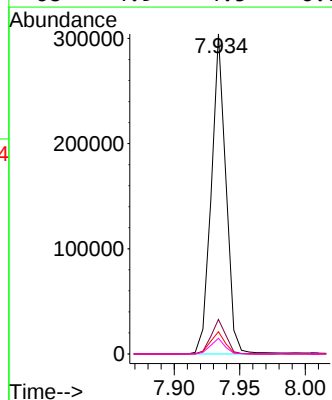
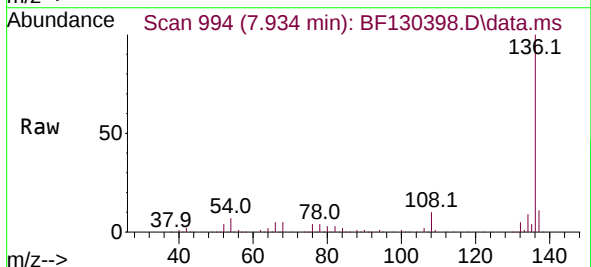
Instrument :
BNA_F
ClientSampleId :
OK-01-092222

Tgt Ion: 99 Resp: 37833
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 35.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130398.D
Acq: 23 Sep 2022 19:14

Tgt Ion: 136 Resp: 236129
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.9 7.1 10.7#
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 4.967 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.023 min

Lab File: BF130398.D

Acq: 23 Sep 2022 19:14

Instrument :

BNA_F

ClientSampleId :

OK-01-092222

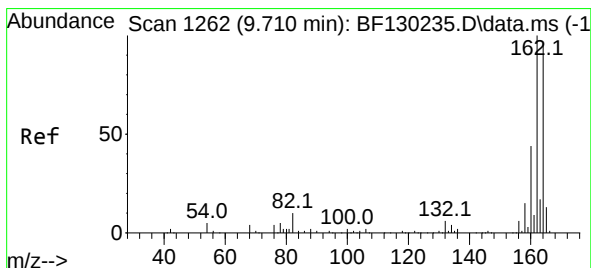
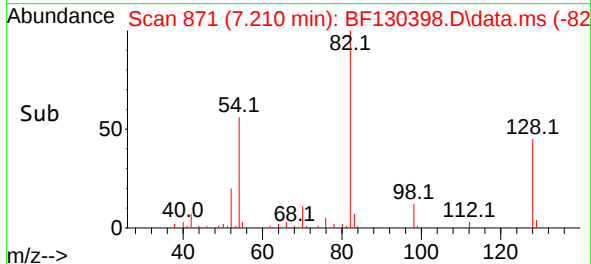
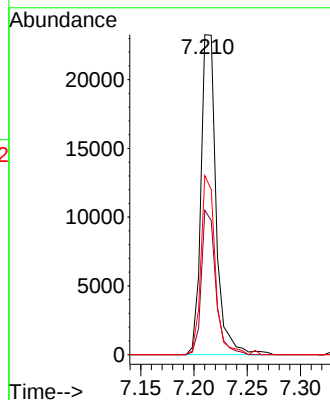
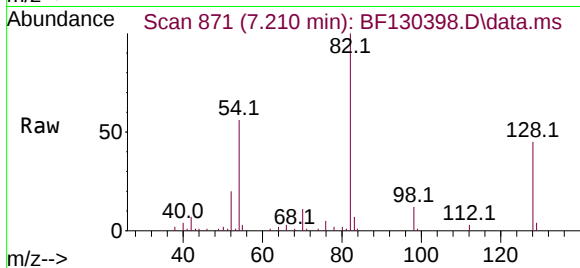
Tgt Ion: 82 Resp: 22957

Ion Ratio Lower Upper

82 100

128 45.1 32.6 49.0

54 55.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.687 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF130398.D

Acq: 23 Sep 2022 19:14

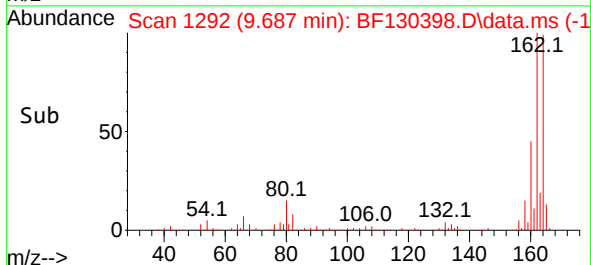
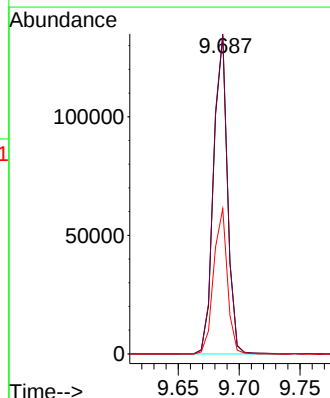
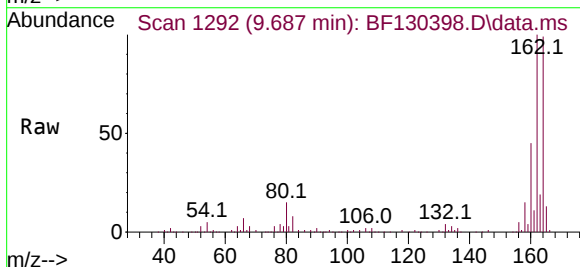
Tgt Ion: 164 Resp: 106079

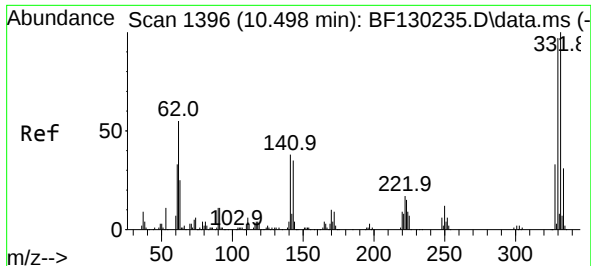
Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 8.149 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130398.D

Acq: 23 Sep 2022 19:14

Instrument :

BNA_F

ClientSampleId :

OK-01-092222

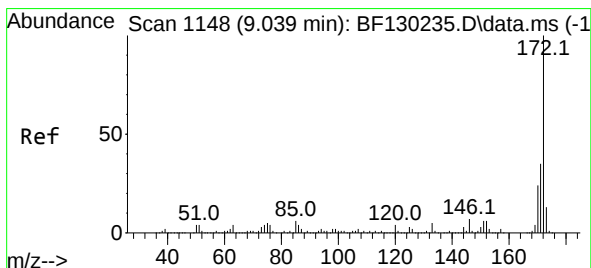
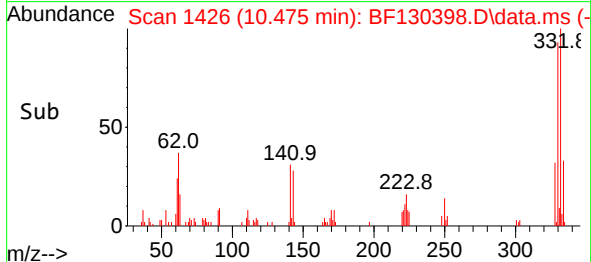
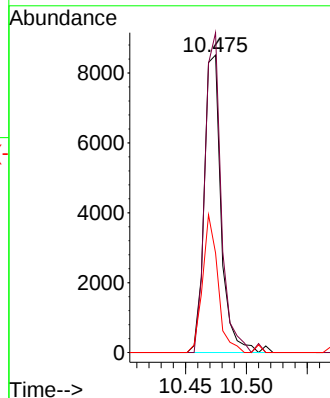
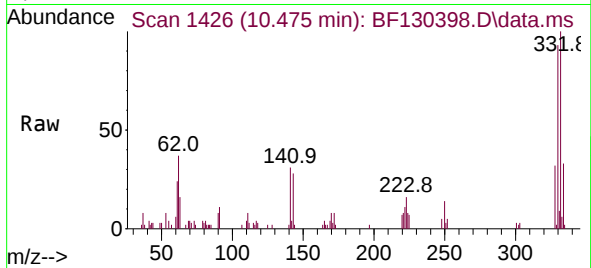
Tgt Ion:330 Resp: 8283

Ion Ratio Lower Upper

330 100

332 103.5 83.4 125.2

141 41.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 5.952 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF130398.D

Acq: 23 Sep 2022 19:14

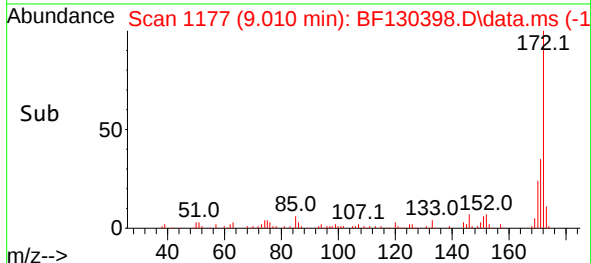
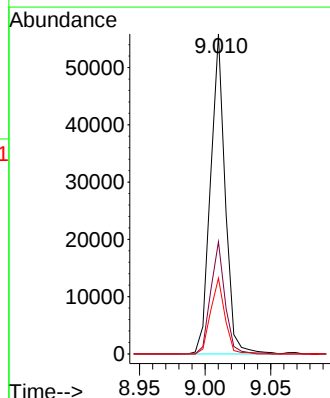
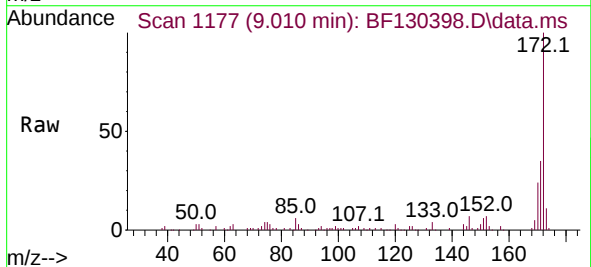
Tgt Ion:172 Resp: 43357

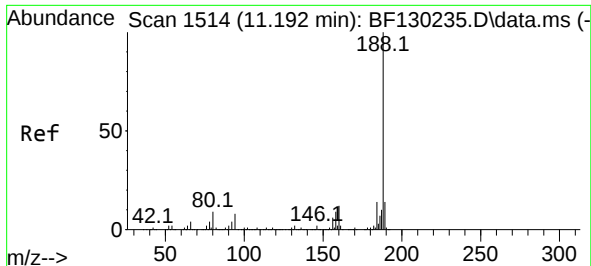
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.7 18.7 28.1

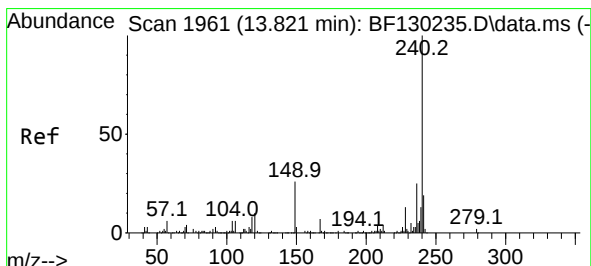
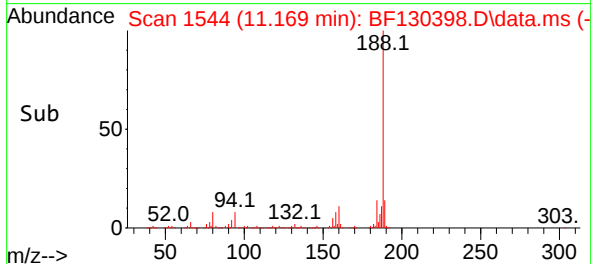
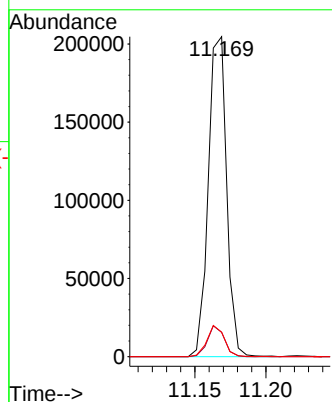
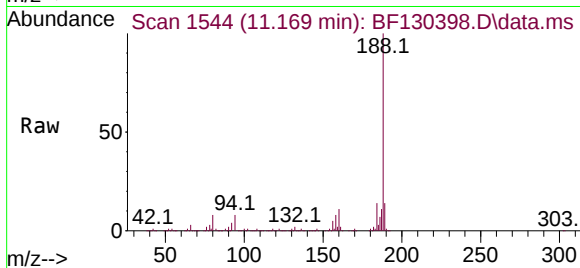




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130398.D
Acq: 23 Sep 2022 19:14

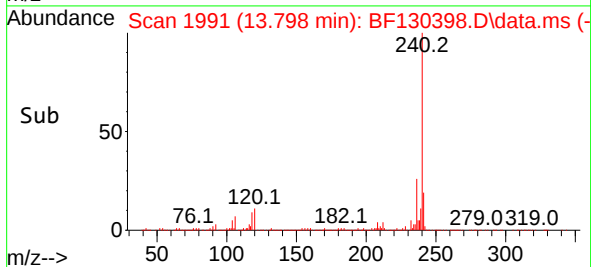
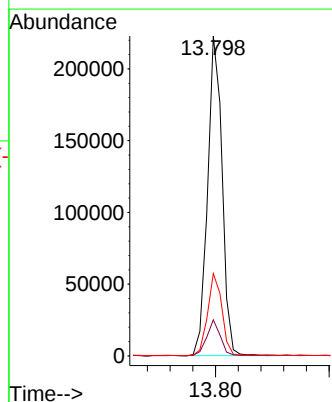
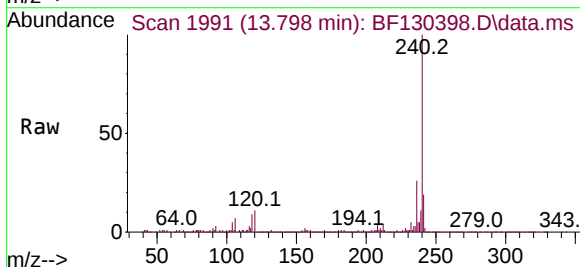
Instrument :
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OK-01-092222

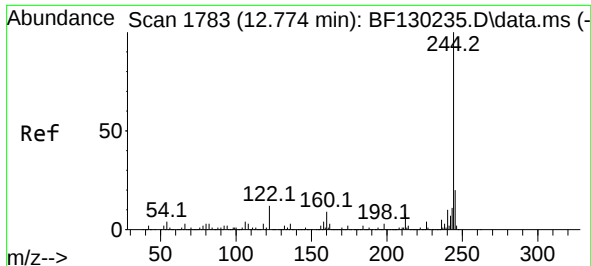
Tgt Ion:188 Resp: 183447
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 7.6 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130398.D
Acq: 23 Sep 2022 19:14

Tgt Ion:240 Resp: 197712
Ion Ratio Lower Upper
240 100
120 11.3 8.7 13.1
236 25.7 20.9 31.3

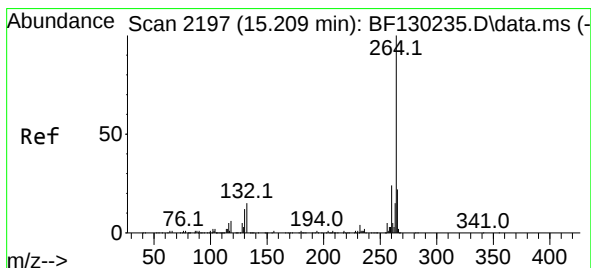
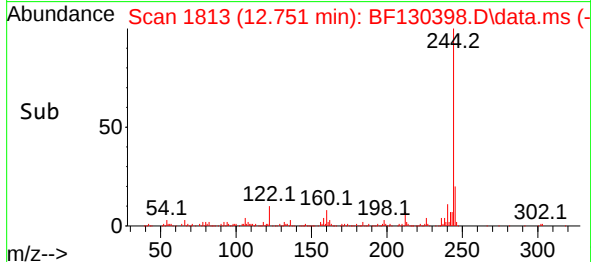
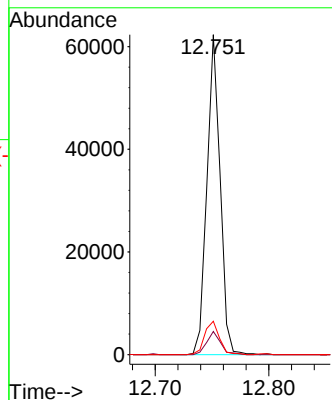
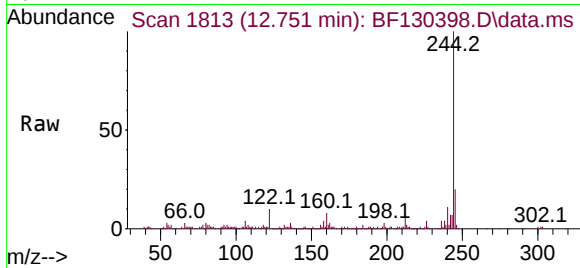




#79
 Terphenyl-d14
 Concen: 4.219 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130398.D
 Acq: 23 Sep 2022 19:14

Instrument :
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Tgt Ion:244 Resp: 50362
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.012 min
 Lab File: BF130398.D
 Acq: 23 Sep 2022 19:14

Tgt Ion:264 Resp: 178128
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.3 28.9
 265 21.6 17.0 25.4

