

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130363.D
 Acq On : 21 Sep 2022 16:01
 Operator : CG\JU
 Sample : N4724-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Sep 22 05:56:39 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	122936	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	489718	20.000	ng	# 0.00
39) Acenaphthene-d10	9.687	164	248618	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	374275	20.000	ng	0.00
76) Chrysene-d12	13.798	240	235990	20.000	ng	0.00
86) Perylene-d12	15.192	264	236138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	902491	127.330	ng	0.01
7) Phenol-d6	6.304	99	1094870	123.456	ng	0.00
23) Nitrobenzene-d5	7.222	82	712997	74.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	301588	126.599	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1335348	78.213	ng	0.00
79) Terphenyl-d14	12.757	244	1094083	76.797	ng	0.00

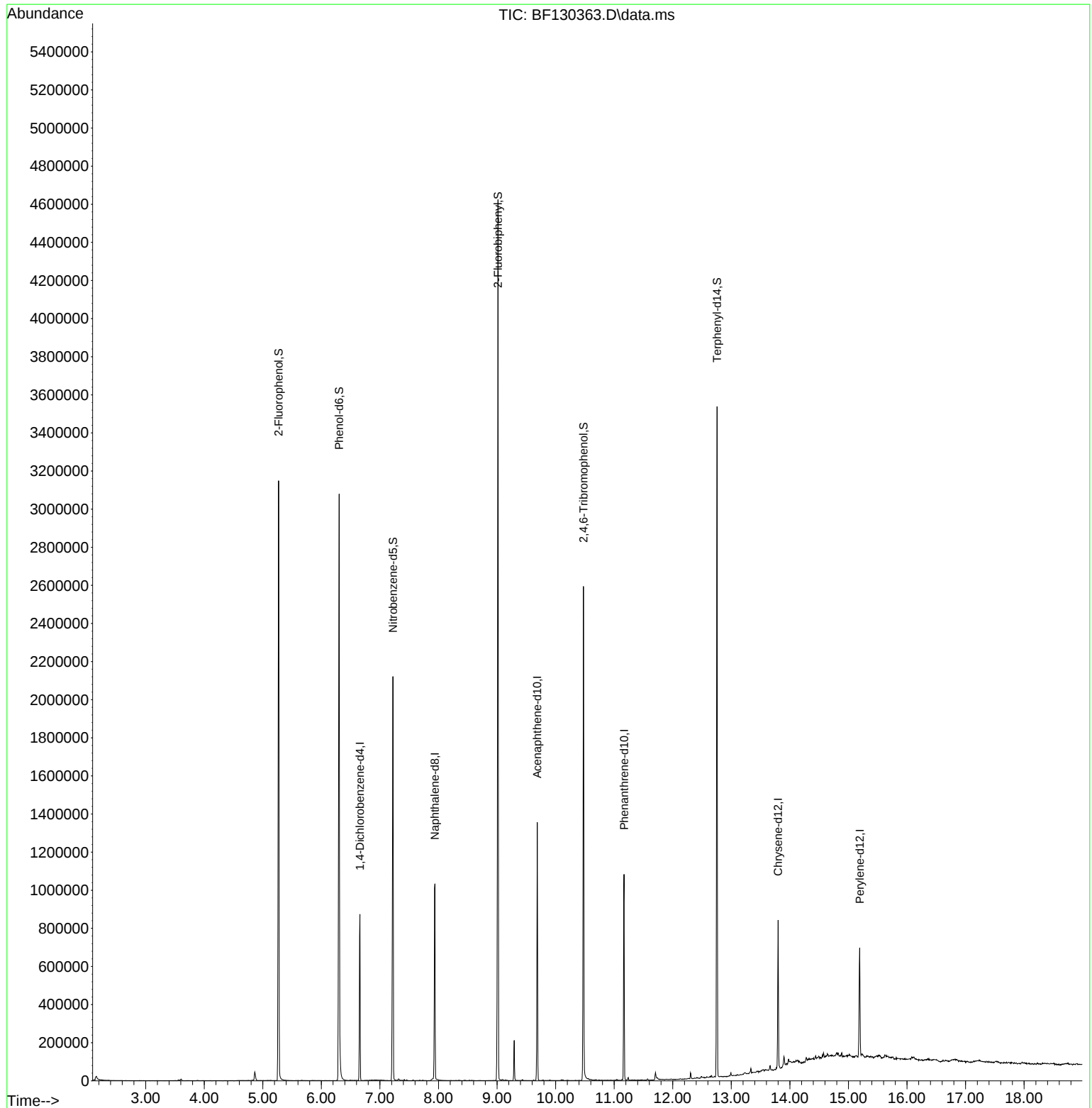
Target Compounds	Qvalue

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

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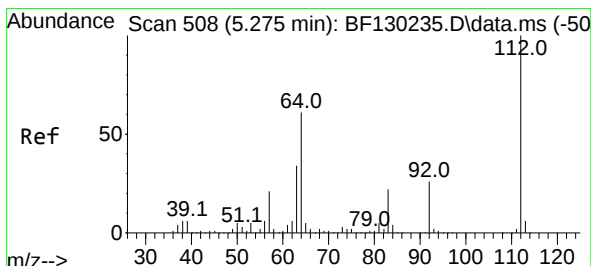
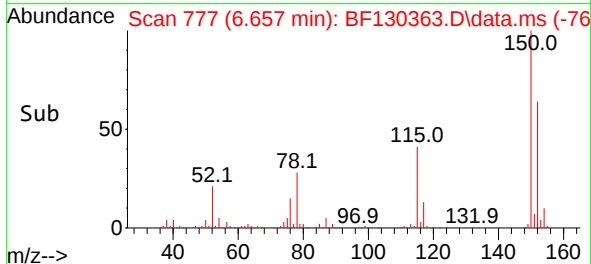
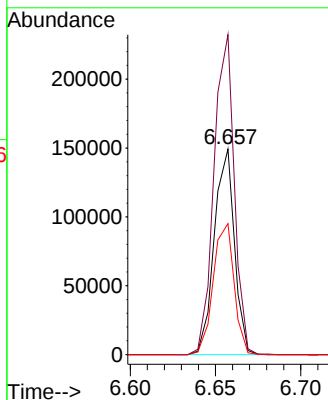
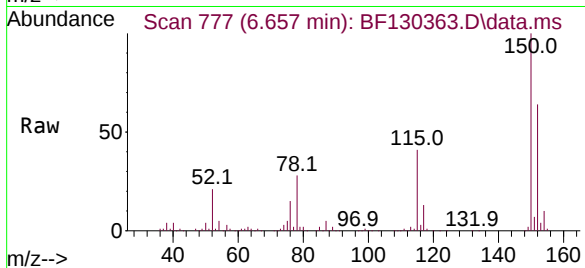




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130363.D
 Acq: 21 Sep 2022 16:01

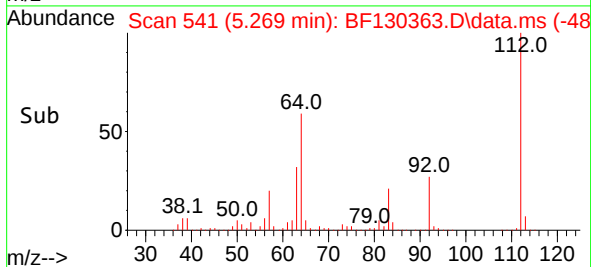
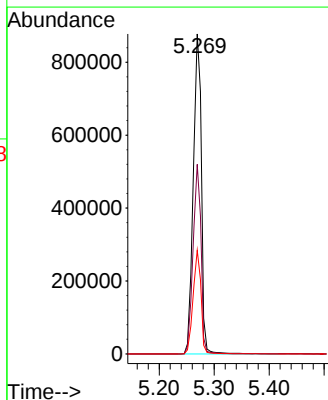
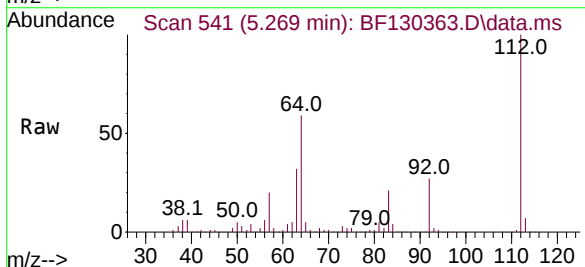
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

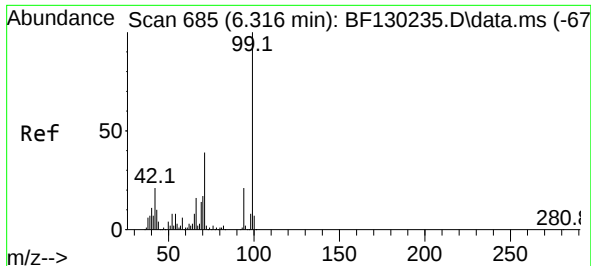
Tgt Ion:152 Resp: 122936
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.8 184.2
 115 63.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 127.330 ng
 RT: 5.269 min Scan# 541
 Delta R.T. 0.012 min
 Lab File: BF130363.D
 Acq: 21 Sep 2022 16:01

Tgt Ion:112 Resp: 902491
 Ion Ratio Lower Upper
 112 100
 64 59.2 51.4 77.0
 63 32.4 28.8 43.2

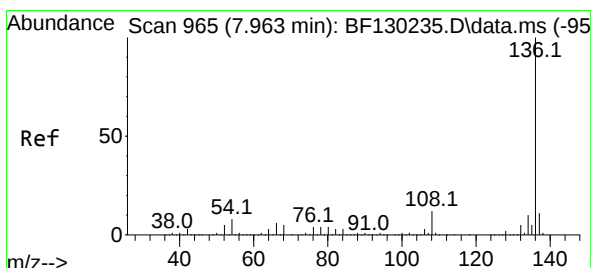
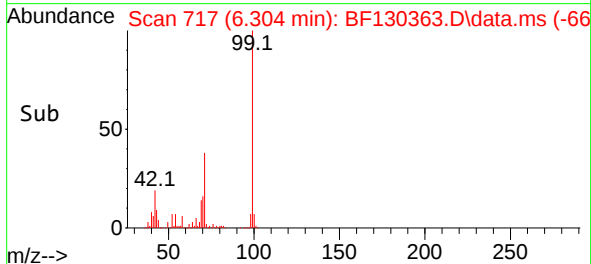
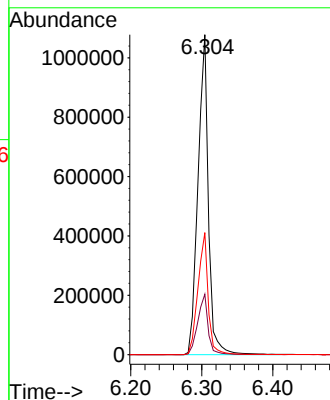
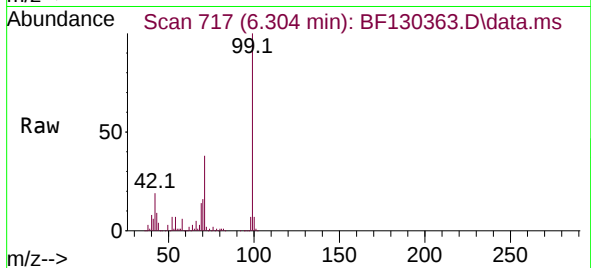




#7
Phenol-d6
Concen: 123.456 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130363.D
Acq: 21 Sep 2022 16:01

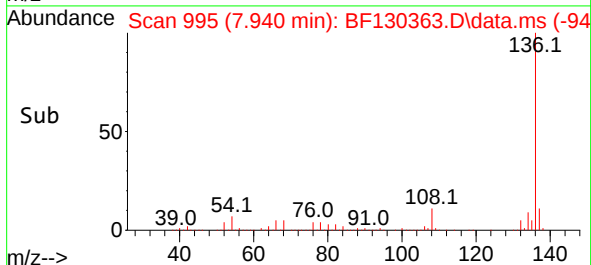
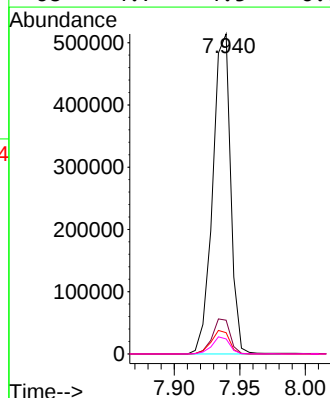
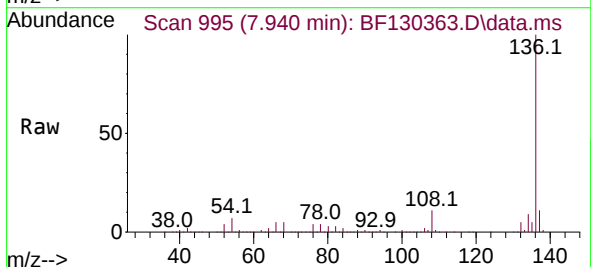
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion: 99 Resp: 1094870
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 38.1 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: BF130363.D
Acq: 21 Sep 2022 16:01

Tgt Ion: 136 Resp: 489718
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.6 7.1 10.7#
68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 74.381 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130363.D

Acq: 21 Sep 2022 16:01

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

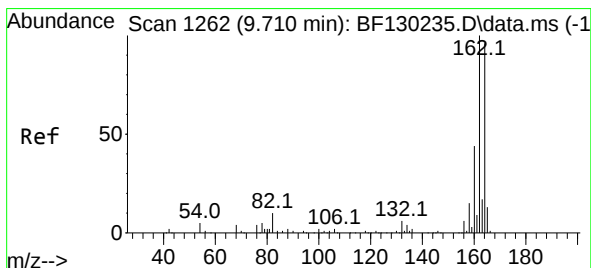
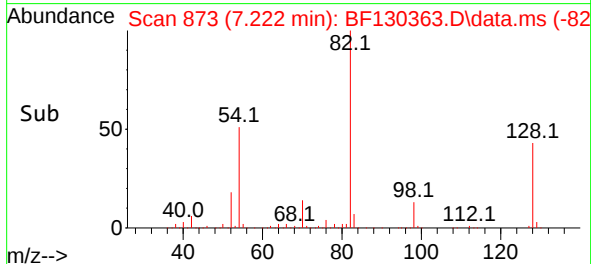
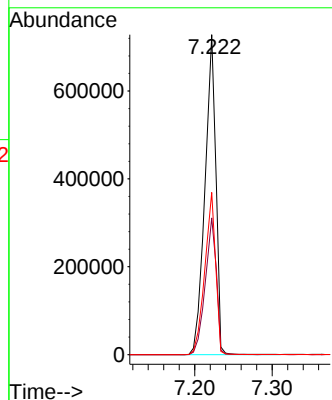
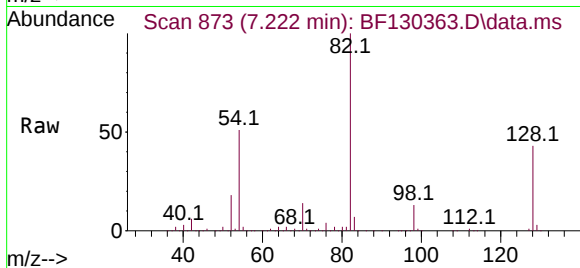
Tgt Ion: 82 Resp: 712997

Ion Ratio Lower Upper

82 100

128 42.7 32.6 49.0

54 50.7 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: BF130363.D

Acq: 21 Sep 2022 16:01

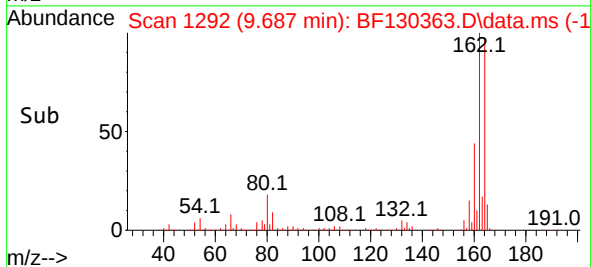
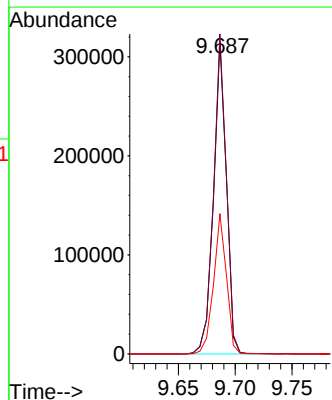
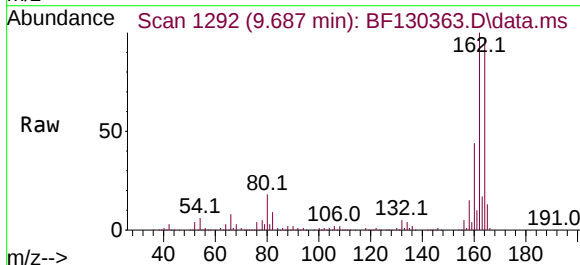
Tgt Ion:164 Resp: 248618

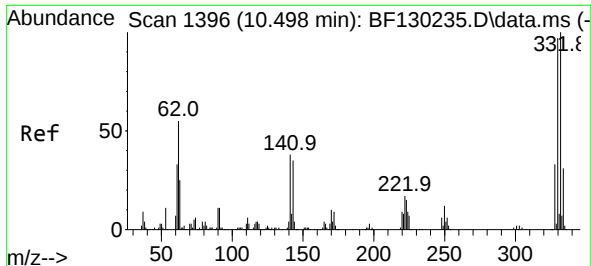
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 126.599 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130363.D

Acq: 21 Sep 2022 16:01

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

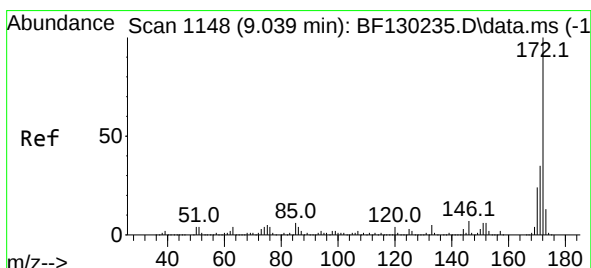
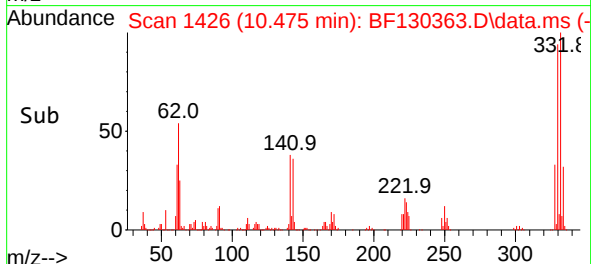
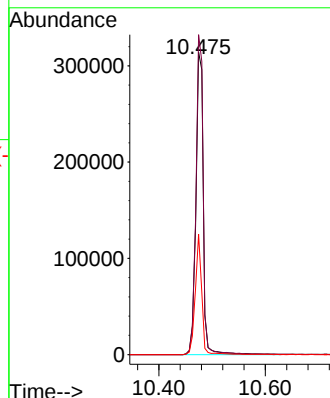
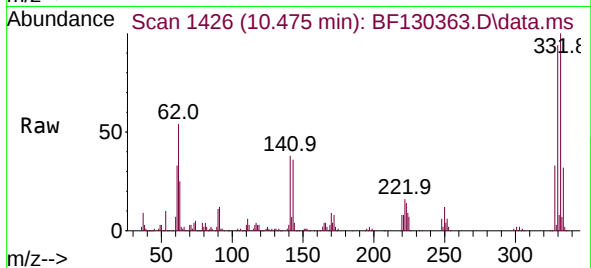
Tgt Ion:330 Resp: 301588

Ion Ratio Lower Upper

330 100

332 104.5 83.4 125.2

141 35.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 78.213 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130363.D

Acq: 21 Sep 2022 16:01

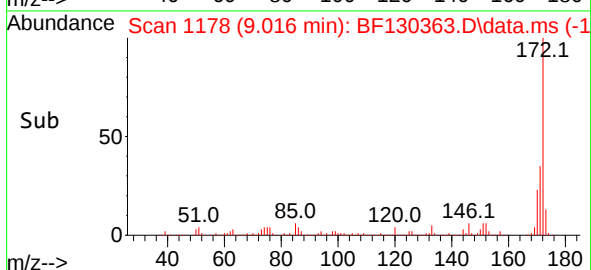
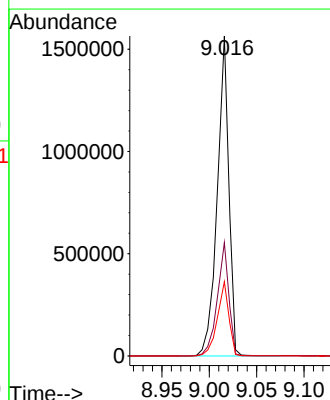
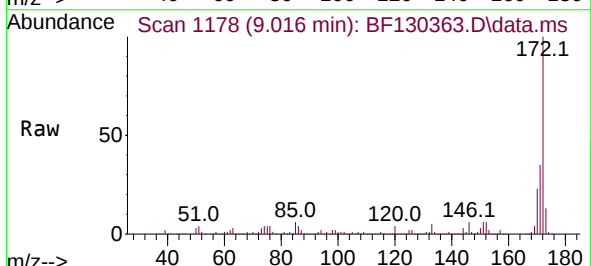
Tgt Ion:172 Resp: 1335348

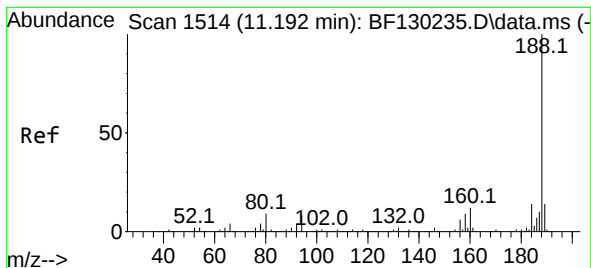
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF130363.D

Acq: 21 Sep 2022 16:01

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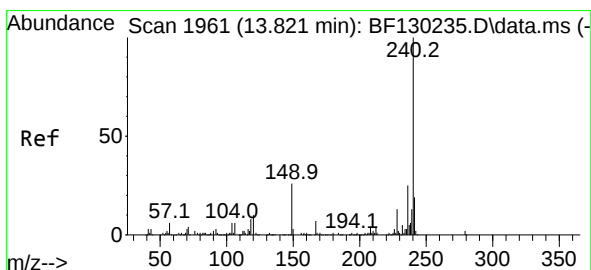
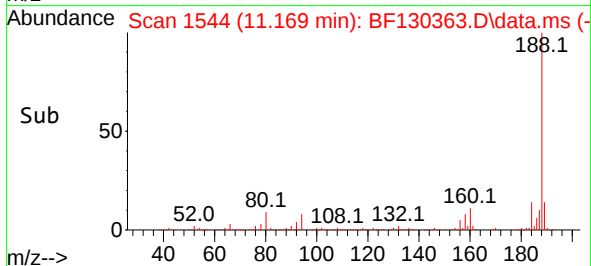
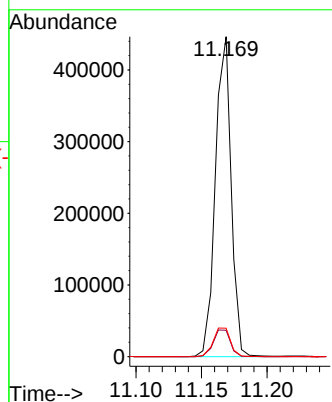
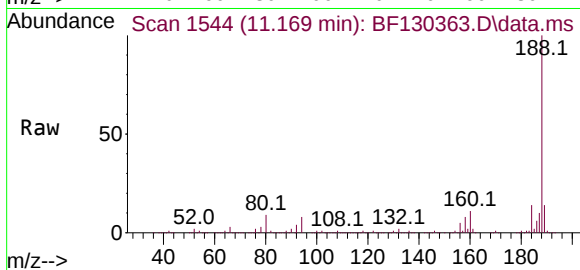
Tgt Ion:188 Resp: 374275

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.9 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: BF130363.D

Acq: 21 Sep 2022 16:01

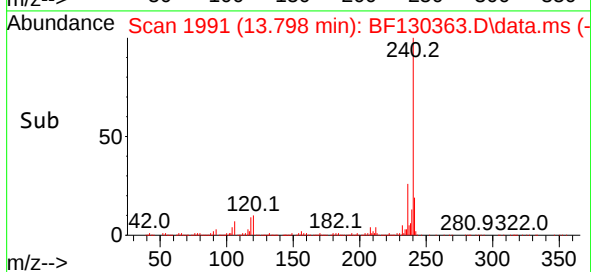
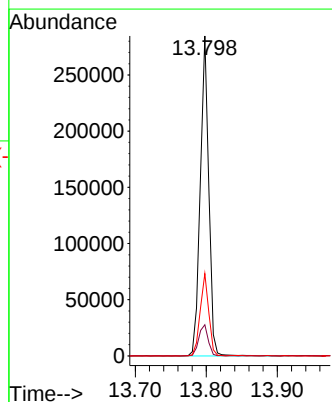
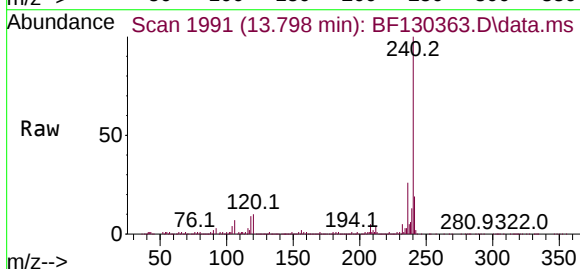
Tgt Ion:240 Resp: 235990

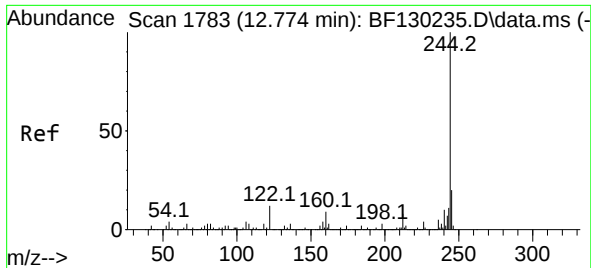
Ion Ratio Lower Upper

240 100

120 9.7 8.7 13.1

236 25.7 20.9 31.3

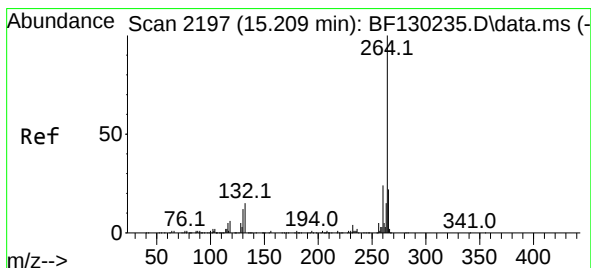
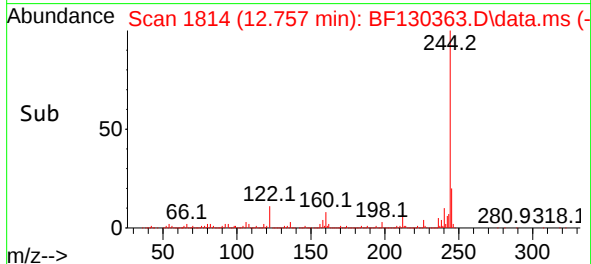
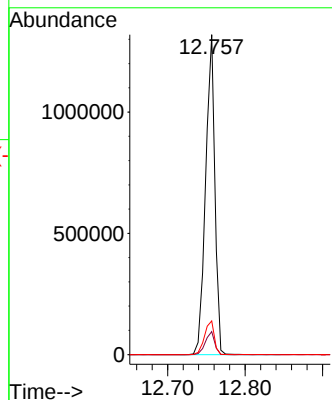
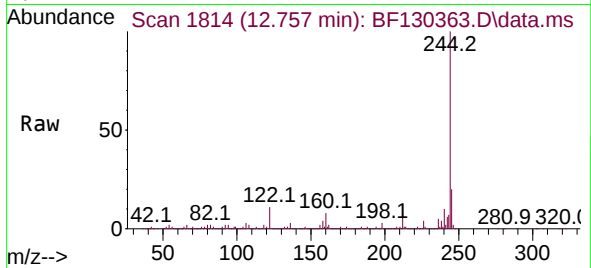




#79
 Terphenyl-d14
 Concen: 76.797 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130363.D
 Acq: 21 Sep 2022 16:01

Instrument :
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Tgt Ion:244 Resp: 1094083
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.6 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: BF130363.D
 Acq: 21 Sep 2022 16:01

Tgt Ion:264 Resp: 236138
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 20.6 17.0 25.4

