

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128992.D
 Acq On : 24 Jun 2022 16:29
 Operator : CG\JU
 Sample : N3431-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2

Quant Time: Jun 25 06:14:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	102951	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	394703	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	204585	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	326525	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	221913	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	191564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	775511	119.985	ng	0.01
7) Phenol-d6	6.387	99	873619	110.729	ng	0.00
23) Nitrobenzene-d5	7.293	82	775884	91.522	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	284797	117.817	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1353107	92.648	ng	0.00
79) Terphenyl-d14	12.839	244	1156238	90.536	ng	0.00

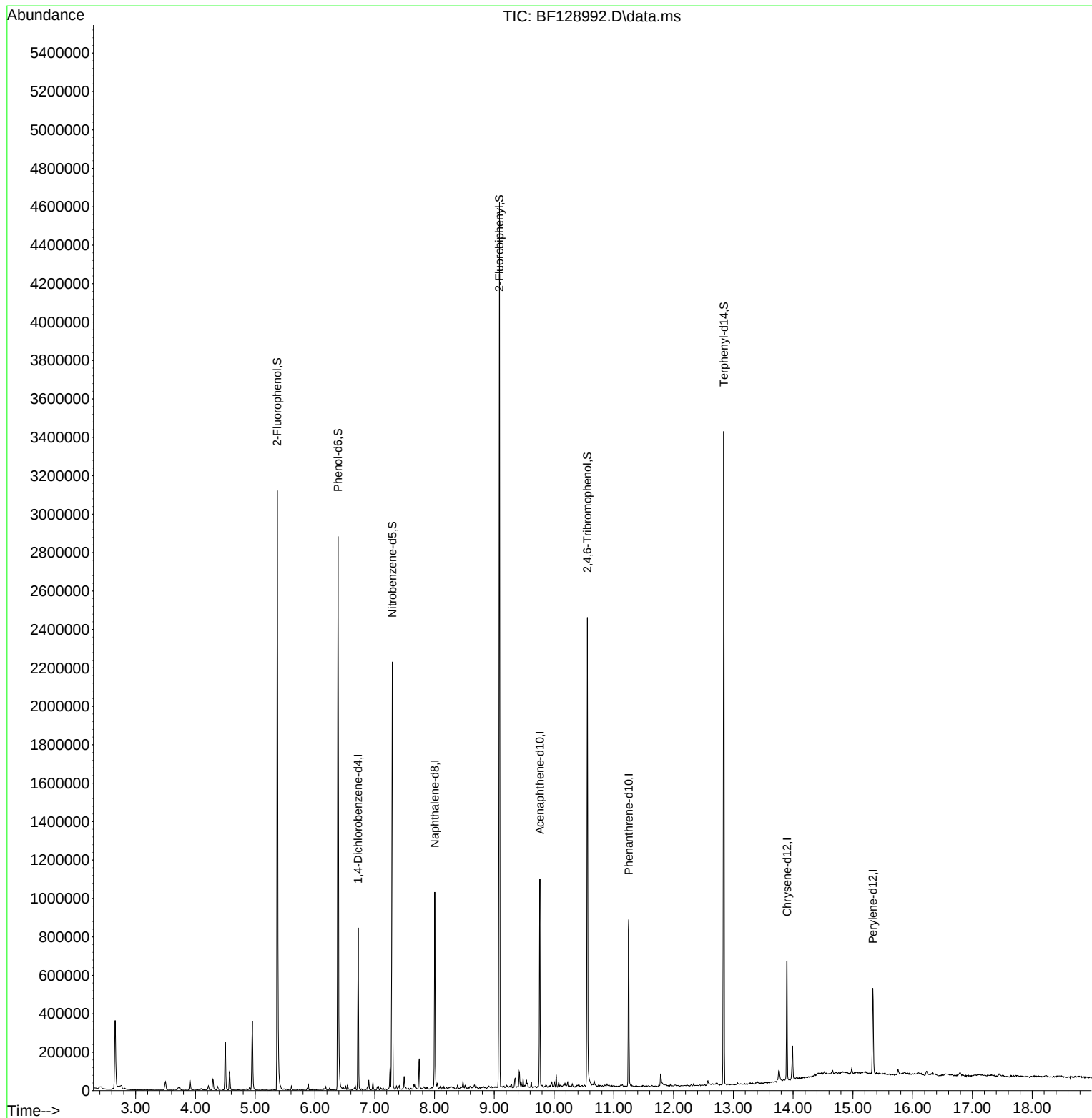
Target Compounds	Qvalue

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

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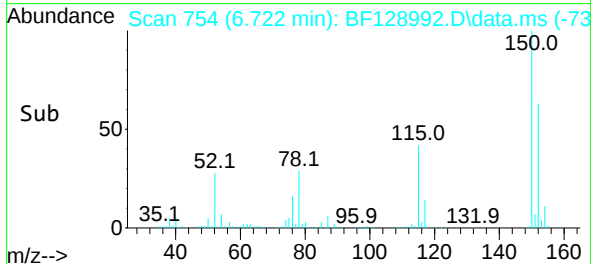
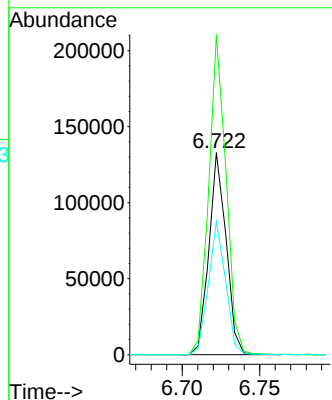
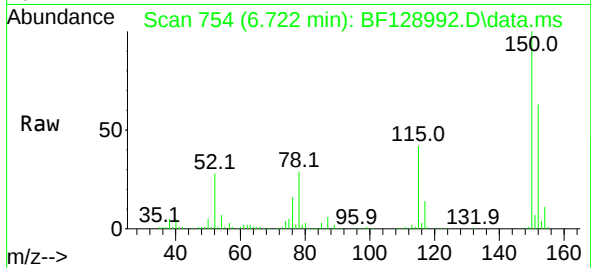




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

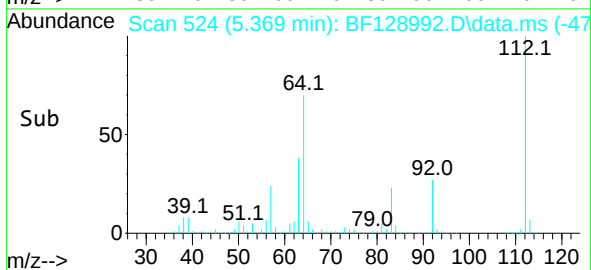
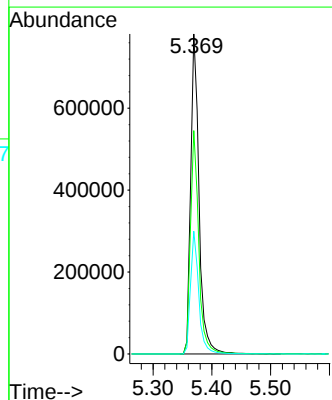
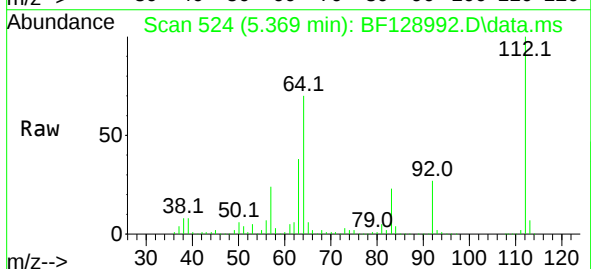
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

Tgt Ion:152 Resp: 102951
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 65.9 49.9 74.9



#5
2-Fluorophenol
Concen: 119.985 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:112 Resp: 775511
Ion Ratio Lower Upper
112 100
64 69.8 53.3 79.9
63 38.4 28.0 42.0

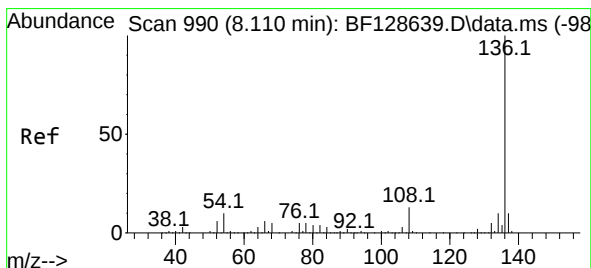
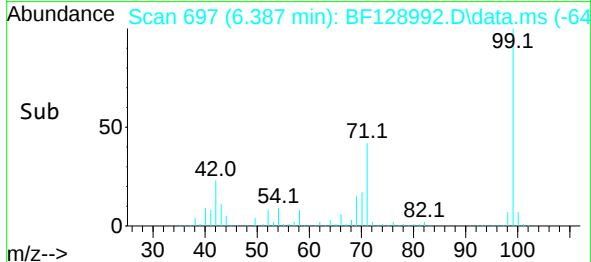
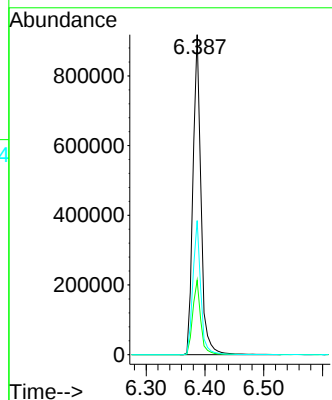
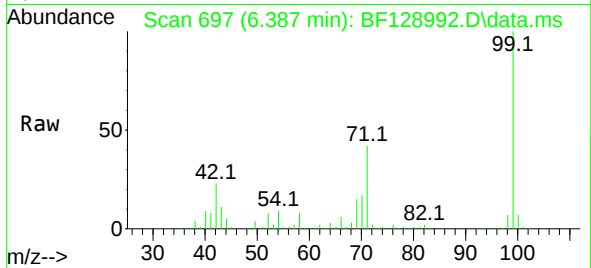




#7
Phenol-d6
Concen: 110.729 ng
RT: 6.387 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

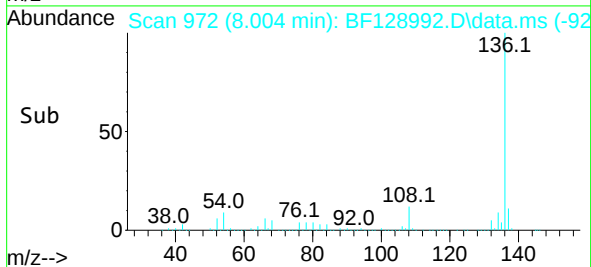
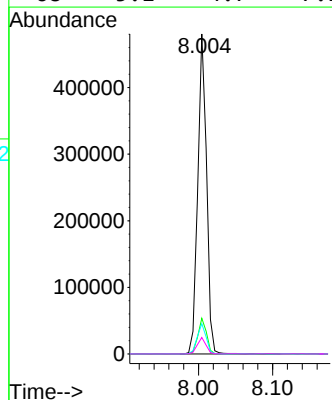
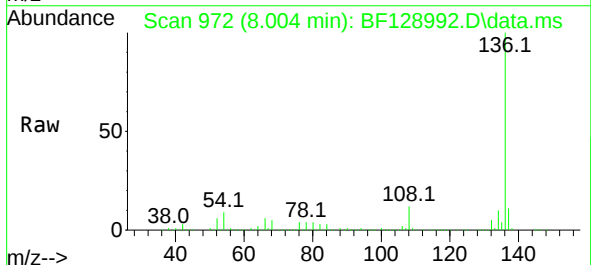
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

Tgt Ion: 99 Resp: 873619
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 41.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion: 136 Resp: 394703
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.5 7.5 11.3
68 5.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 91.522 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

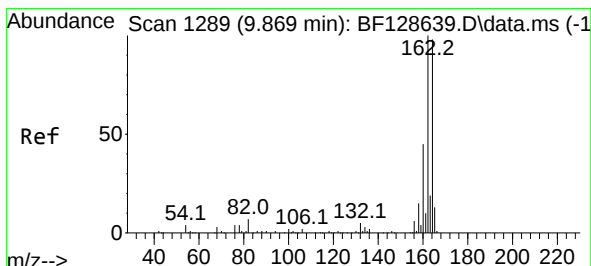
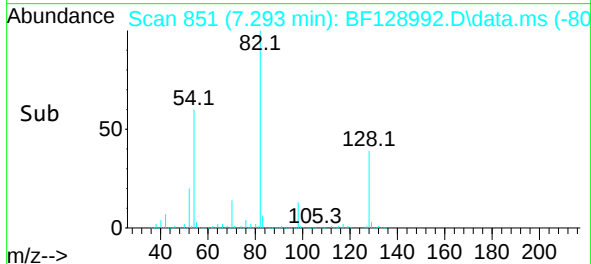
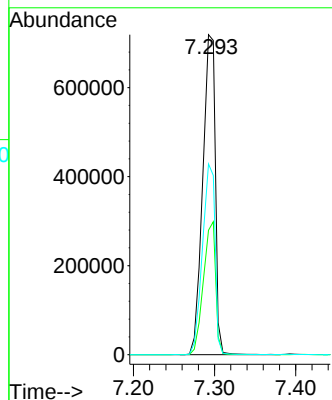
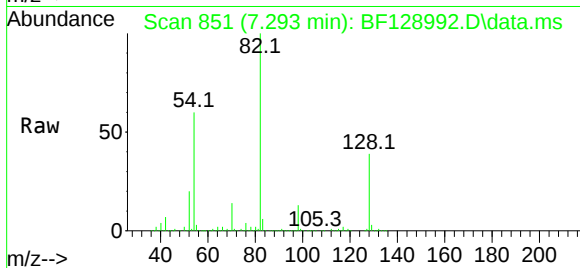
Tgt Ion: 82 Resp: 775884

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 59.6 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

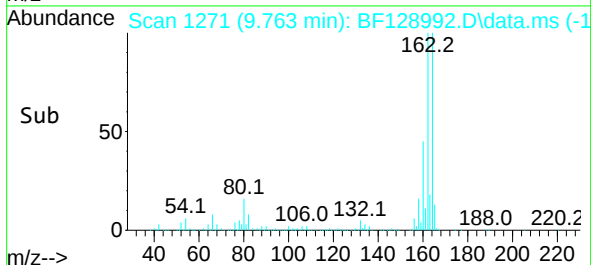
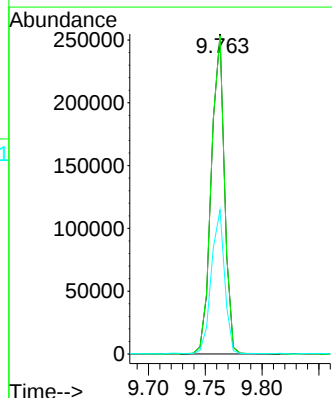
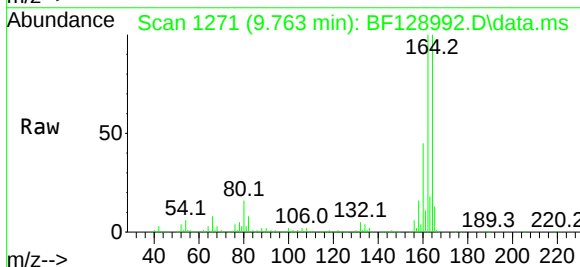
Tgt Ion: 164 Resp: 204585

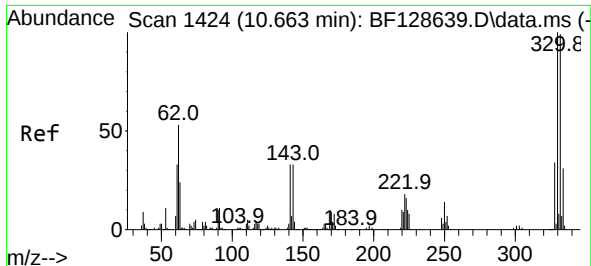
Ion Ratio Lower Upper

164 100

162 99.5 79.5 119.3

160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 117.817 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128992.D

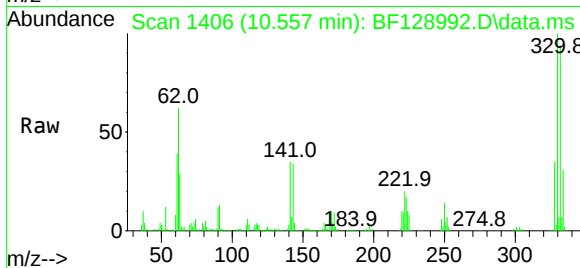
Acq: 24 Jun 2022 16:29

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2



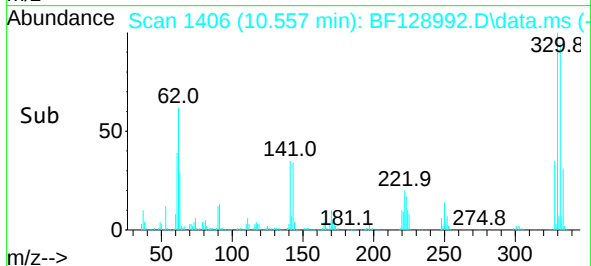
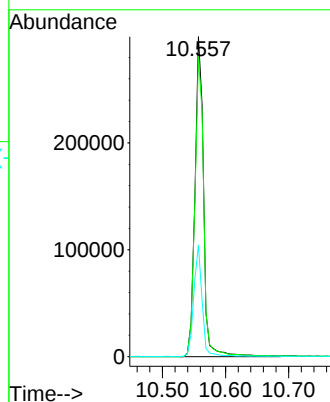
Tgt Ion:330 Resp: 284797

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 34.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 92.648 ng

RT: 9.087 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

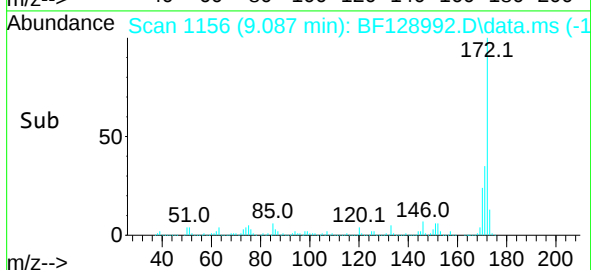
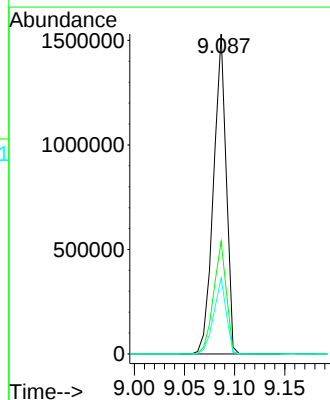
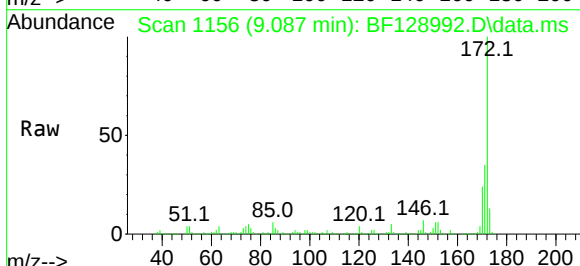
Tgt Ion:172 Resp: 1353107

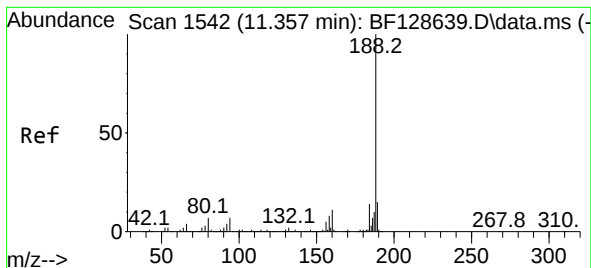
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

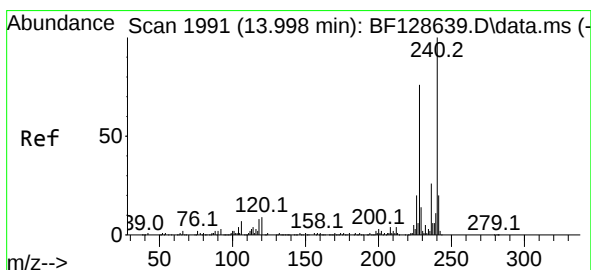
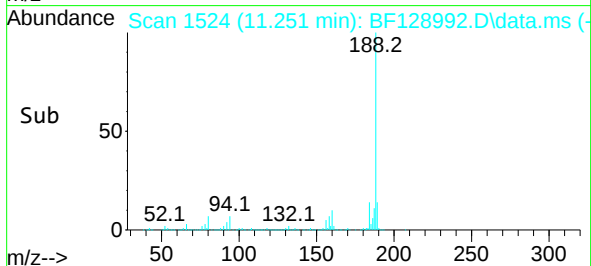
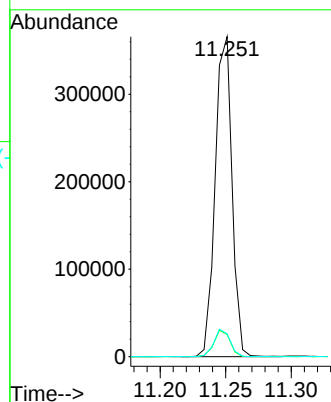
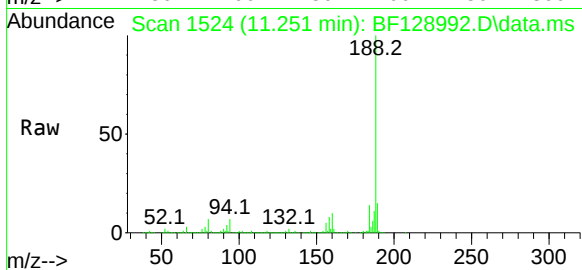
Tgt Ion:188 Resp: 326525

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

80 7.2 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

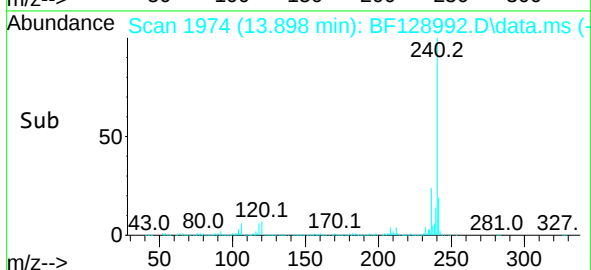
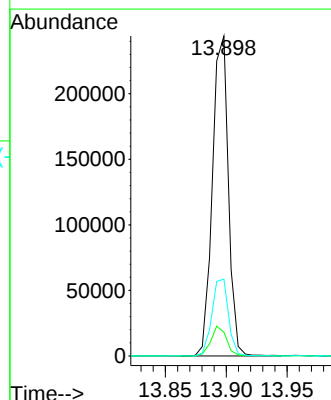
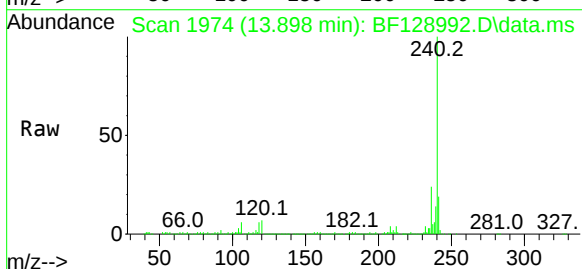
Tgt Ion:240 Resp: 221913

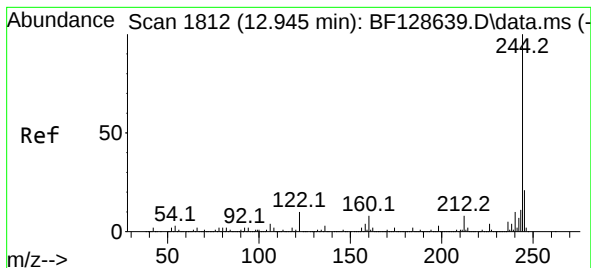
Ion Ratio Lower Upper

240 100

120 7.4 8.9 13.3#

236 24.0 20.8 31.2





#79

Terphenyl-d14

Concen: 90.536 ng

RT: 12.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

Instrument :

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ClientSampleId :

WC-14B-2-2

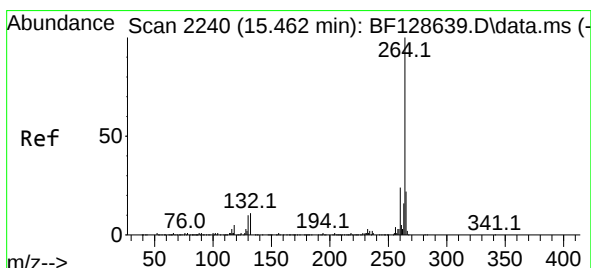
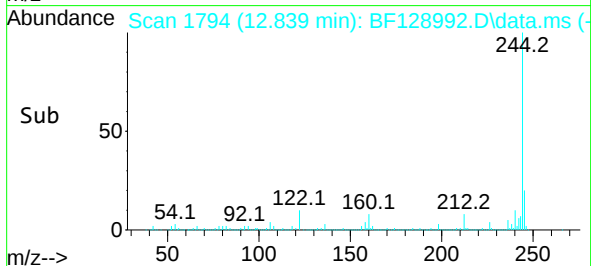
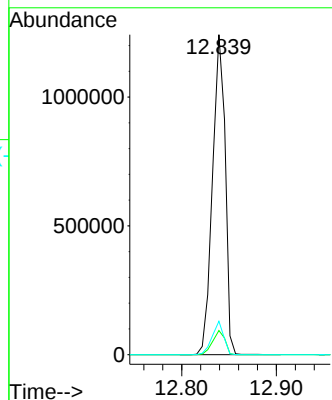
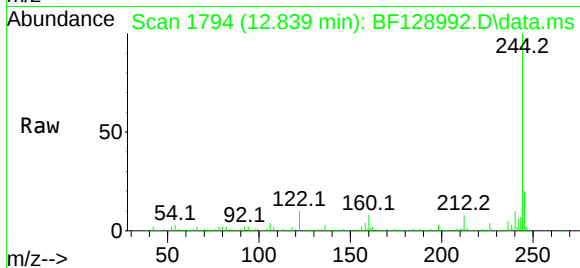
Tgt Ion:244 Resp: 1156238

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 10.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.333 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

Tgt Ion:264 Resp: 191564

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.7 17.2 25.8

