

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130986.D
 Acq On : 04 Nov 2022 11:44
 Operator : CG\JU
 Sample : PB148687BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148687BL

Quant Time: Nov 05 00:35:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	101819	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	392114	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	215191	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	307804	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	233141	20.000	ng	0.00
86) Perylene-d12	15.615	264	157651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	719155	122.446	ng	0.01
7) Phenol-d6	6.539	99	914348	119.801	ng	0.00
23) Nitrobenzene-d5	7.481	82	602418	92.639	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	222656	122.914	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1107104	77.783	ng	0.00
79) Terphenyl-d14	13.051	244	1072702	84.313	ng	0.00

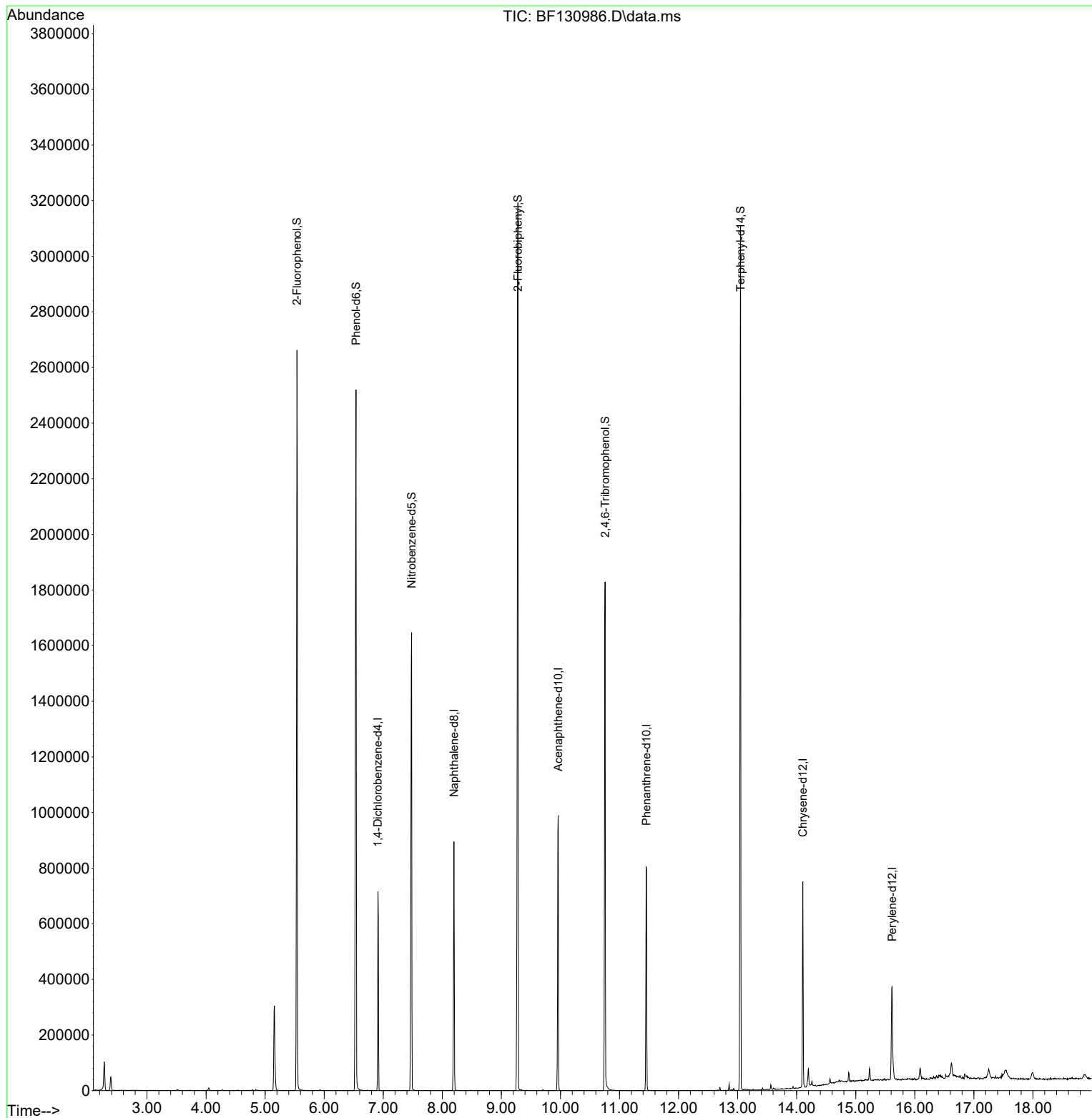
Target Compounds	Qvalue

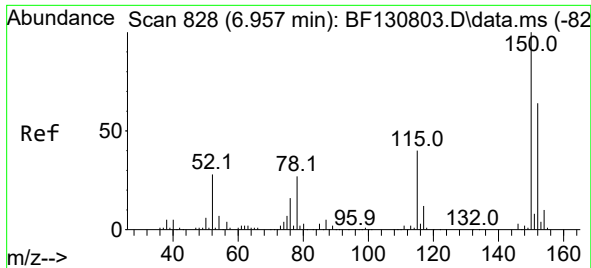
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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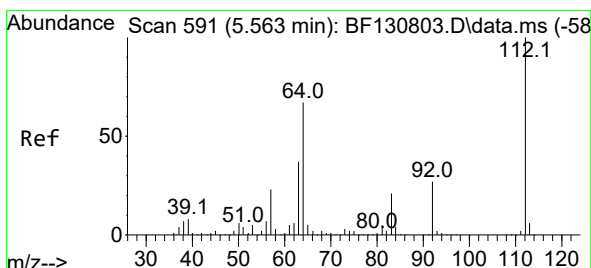
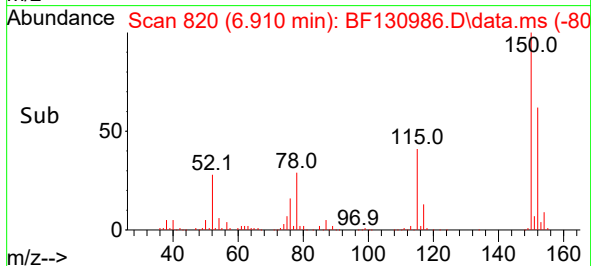
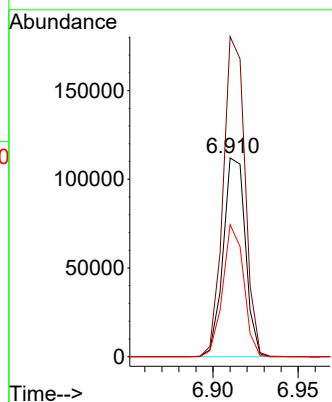
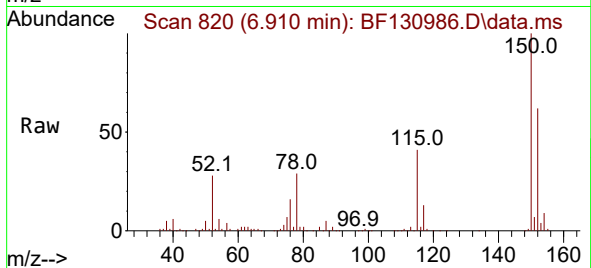




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

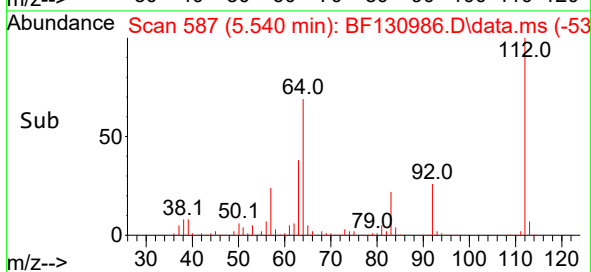
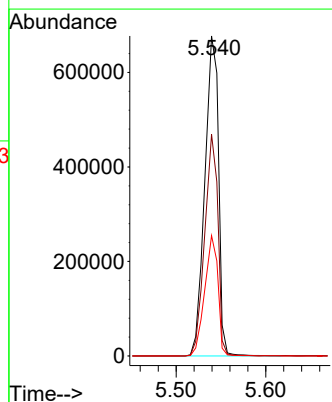
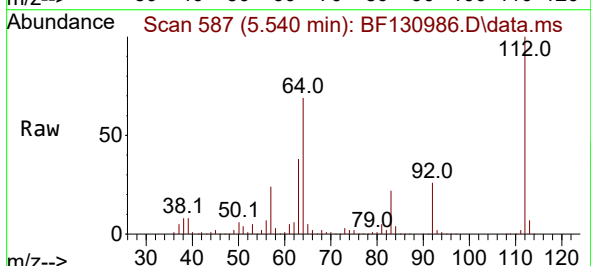
Instrument :
BNA_F
ClientSampleId :
PB148687BL

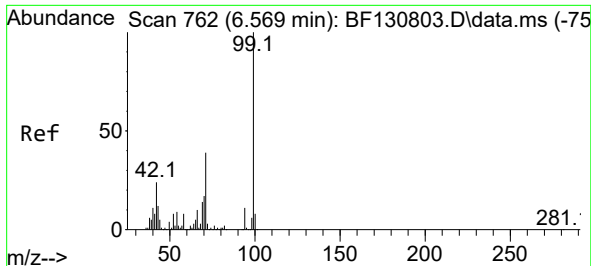
Tgt Ion:152 Resp: 101819
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 66.4 50.1 75.1



#5
2-Fluorophenol
Concen: 122.446 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion:112 Resp: 719155
Ion Ratio Lower Upper
112 100
64 69.2 53.9 80.9
63 37.6 29.4 44.2

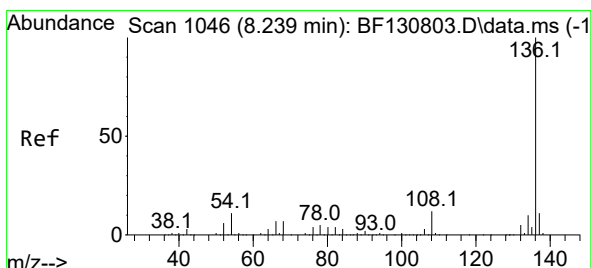
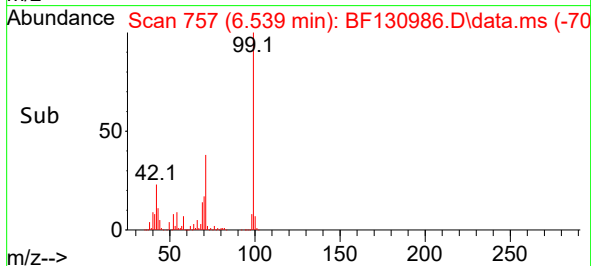
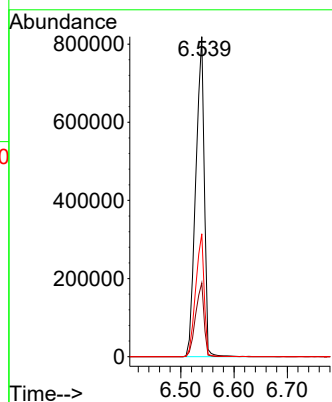
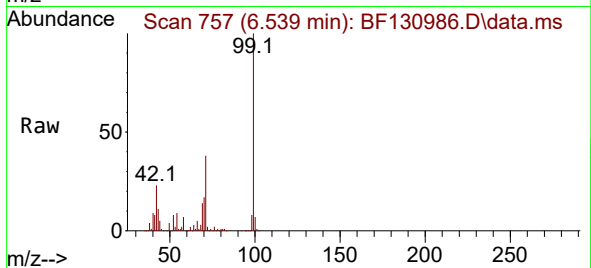




#7
Phenol-d6
Concen: 119.801 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

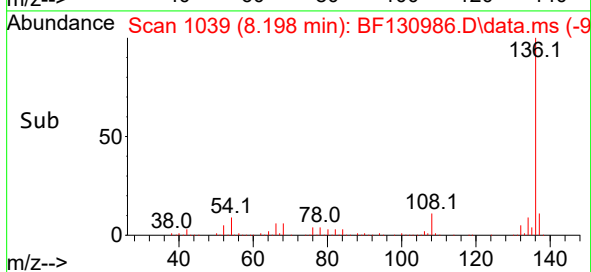
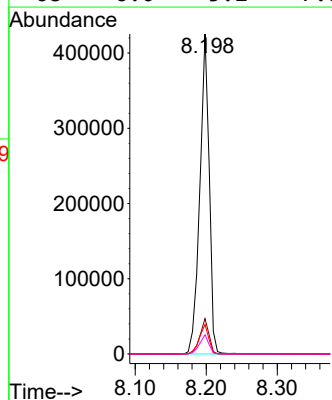
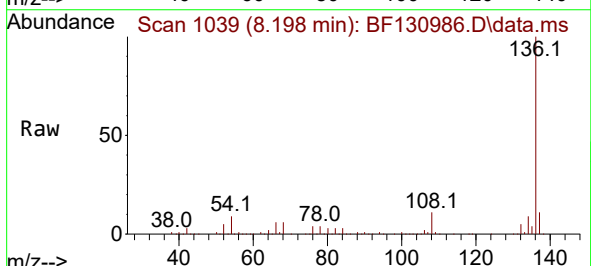
Instrument :
BNA_F
ClientSampleId :
PB148687BL

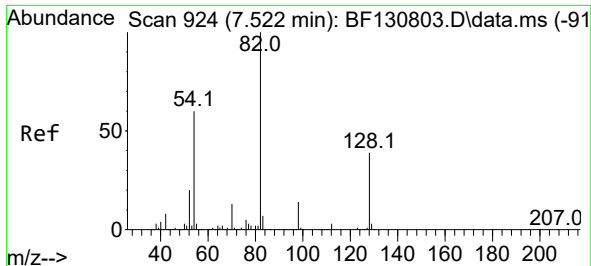
Tgt Ion: 99 Resp: 914348
Ion Ratio Lower Upper
99 100
42 23.1 18.8 28.2
71 38.4 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion: 136 Resp: 392114
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.2 8.8 13.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.639 ng

RT: 7.481 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130986.D

Acq: 04 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB148687BL

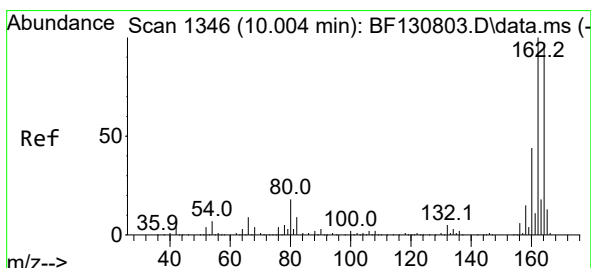
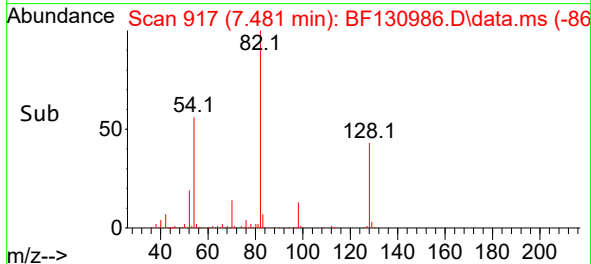
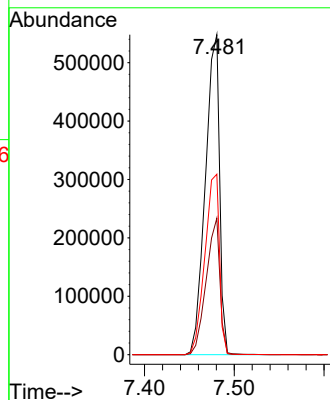
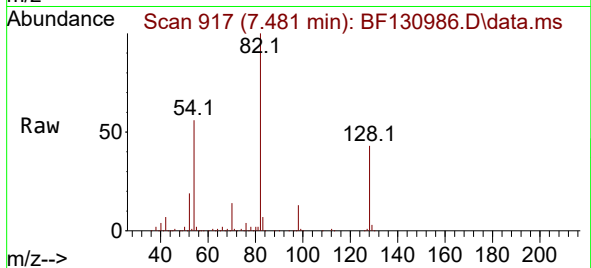
Tgt Ion: 82 Resp: 602418

Ion Ratio Lower Upper

82 100

128 42.6 31.2 46.8

54 56.4 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF130986.D

Acq: 04 Nov 2022 11:44

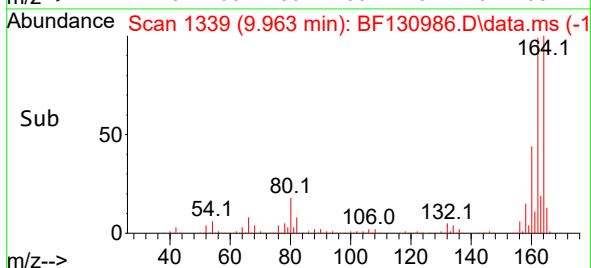
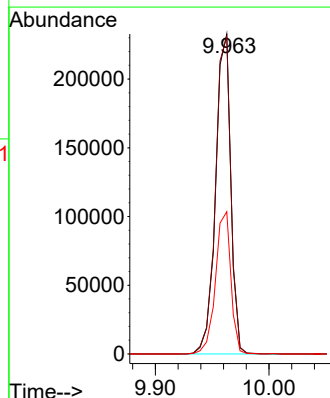
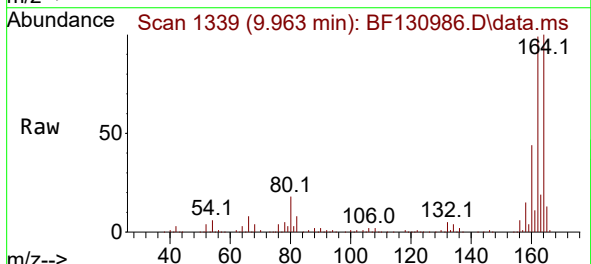
Tgt Ion:164 Resp: 215191

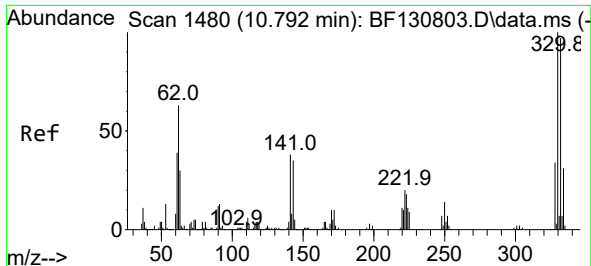
Ion Ratio Lower Upper

164 100

162 99.2 82.2 123.2

160 44.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 122.914 ng

RT: 10.757 min Scan# 1480

Delta R.T. -0.000 min

Lab File: BF130986.D

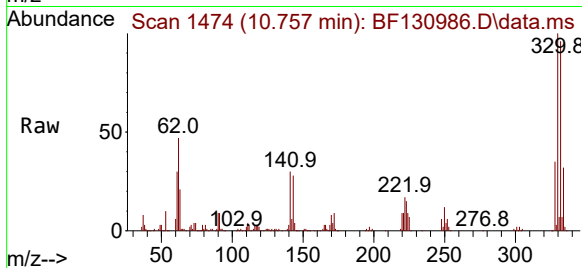
Acq: 04 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB148687BL



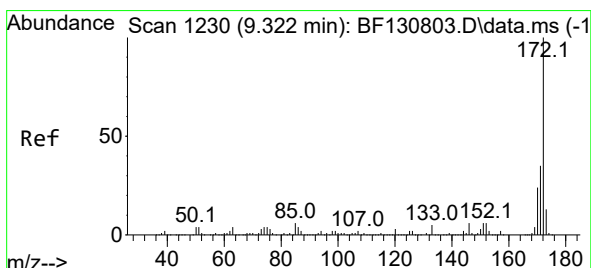
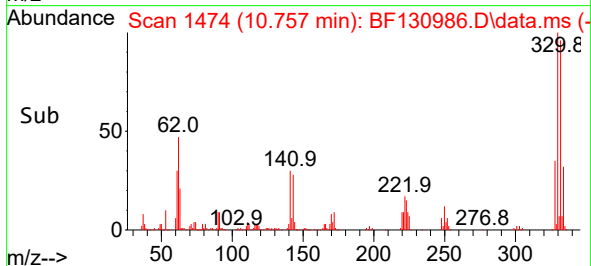
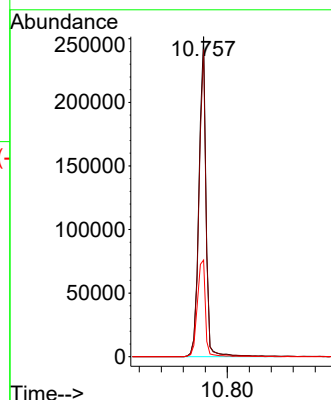
Tgt Ion:330 Resp: 222656

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 34.7 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 77.783 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF130986.D

Acq: 04 Nov 2022 11:44

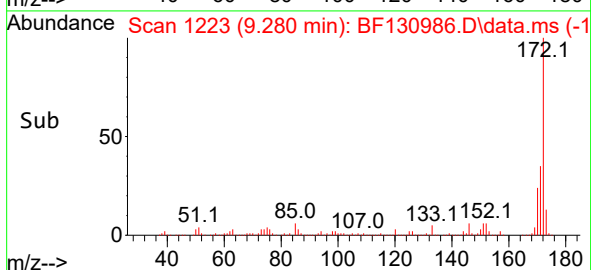
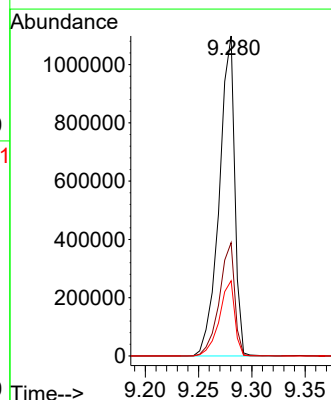
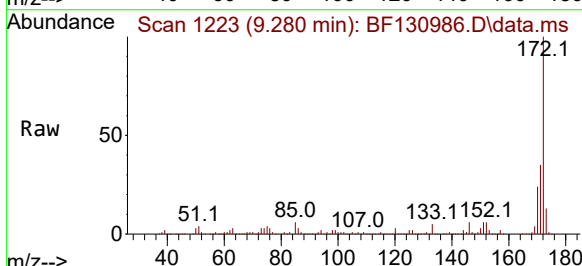
Tgt Ion:172 Resp: 1107104

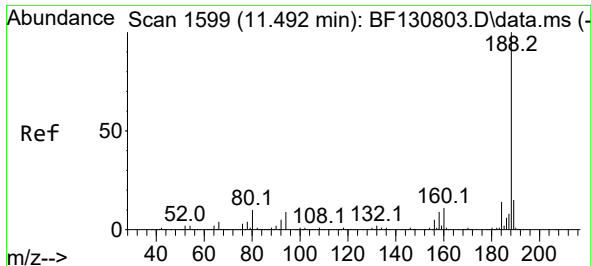
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.5 19.0 28.4

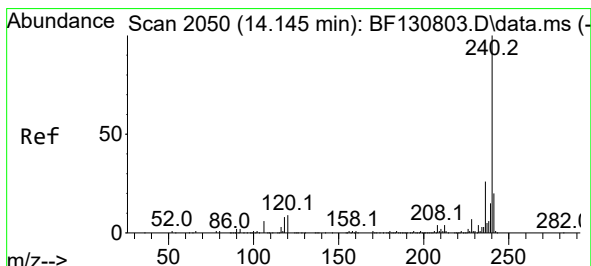
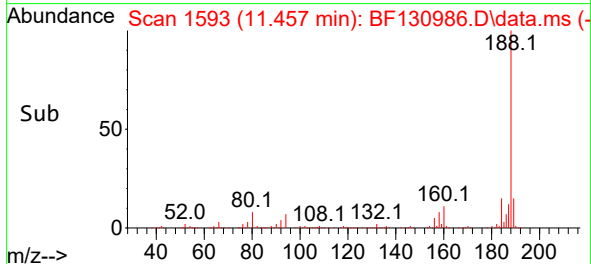
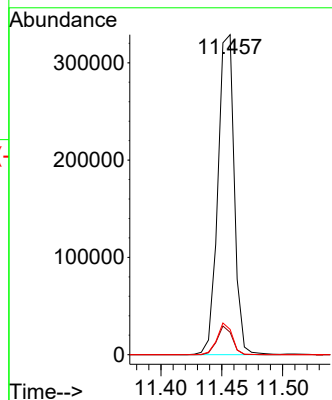
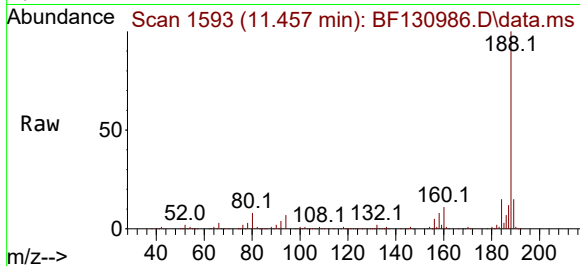




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

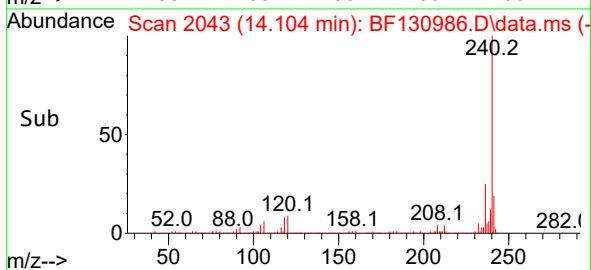
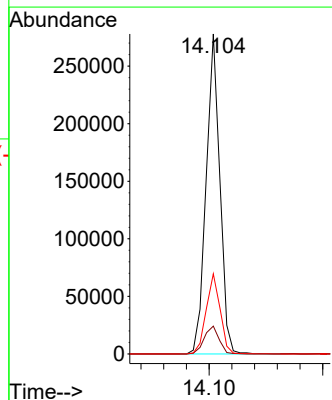
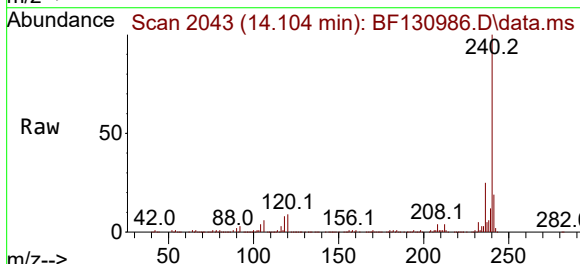
Instrument :
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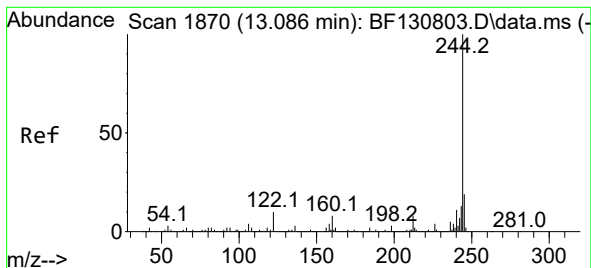
Tgt Ion:188 Resp: 307804
Ion Ratio Lower Upper
188 100
94 7.0 7.4 11.2#
80 7.9 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130986.D
Acq: 04 Nov 2022 11:44

Tgt Ion:240 Resp: 233141
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.0 20.5 30.7





#79

Terphenyl-d14

Concen: 84.313 ng

RT: 13.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130986.D

Acq: 04 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB148687BL

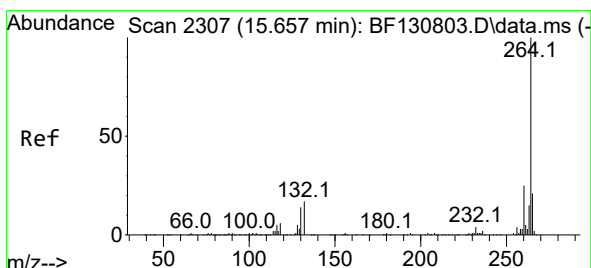
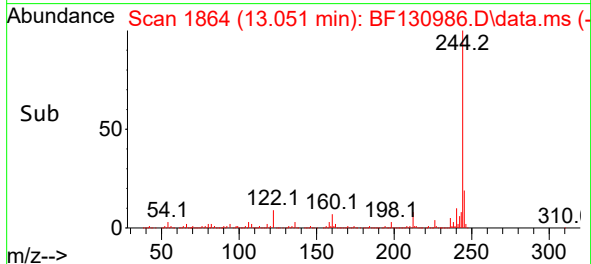
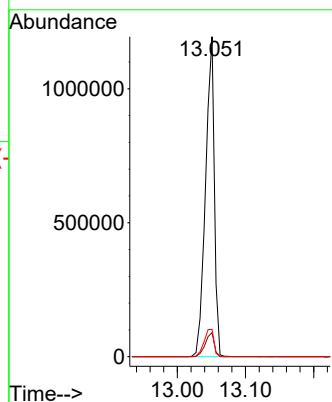
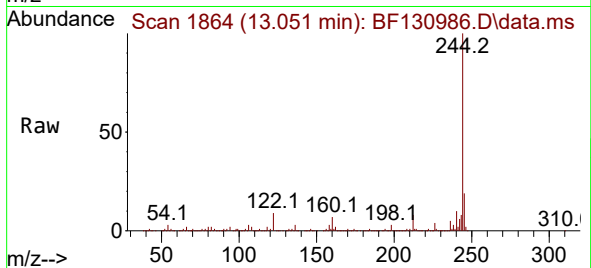
Tgt Ion:244 Resp: 1072702

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 8.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2300

Delta R.T. 0.006 min

Lab File: BF130986.D

Acq: 04 Nov 2022 11:44

Tgt Ion:264 Resp: 157651

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 21.2 17.0 25.6

