

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135968.D
 Acq On : 26 Oct 2023 17:42
 Operator : CG\JU
 Sample : 04685-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B4A-0-7.5

Quant Time: Oct 26 18:09:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	158876	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	600293	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	269521	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	400314	20.000	ng	0.00
76) Chrysene-d12	14.004	240	344746	20.000	ng	0.00
86) Perylene-d12	15.492	264	286053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	896310	87.115	ng	0.00
7) Phenol-d6	6.451	99	1115833	87.112	ng	0.00
23) Nitrobenzene-d5	7.386	82	614680	68.298	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	205027	86.909	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1068484	63.480	ng	0.00
79) Terphenyl-d14	12.951	244	921370	44.653	ng	0.00

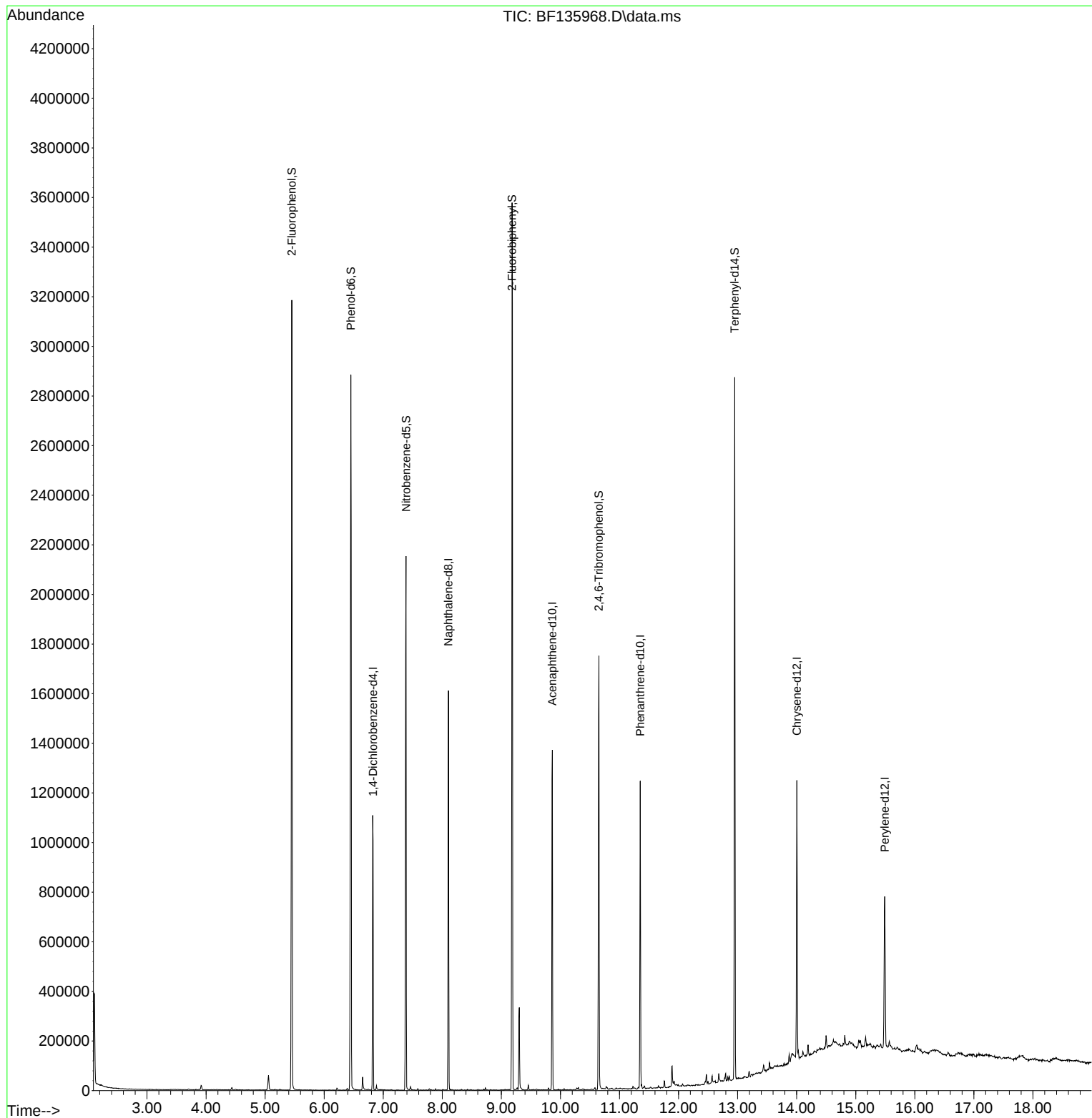
Target Compounds	Qvalue

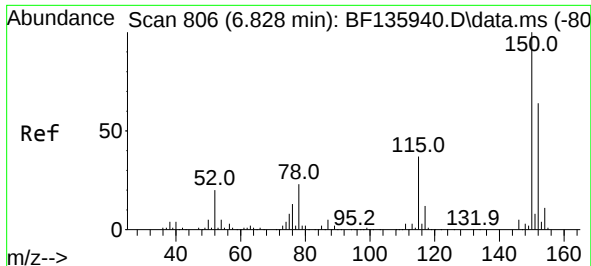
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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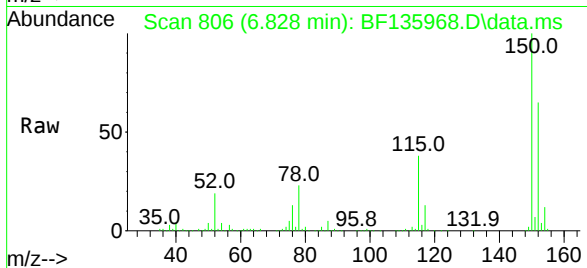
Quant Time: Oct 26 18:09:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
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Response via : Initial Calibration



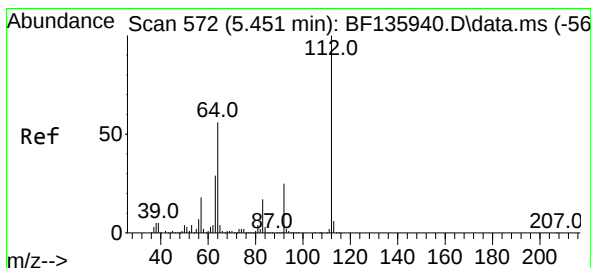
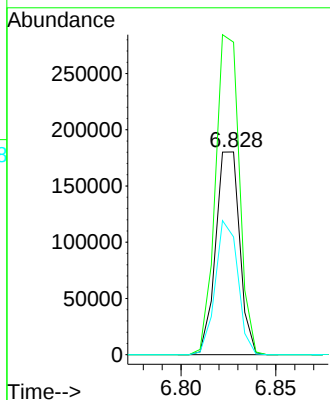
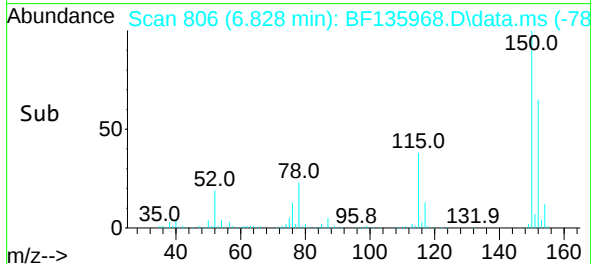


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135968.D
Acq: 26 Oct 2023 17:42

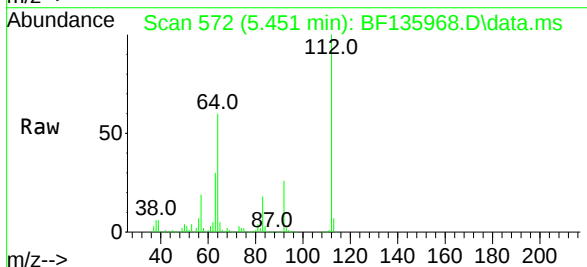
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5



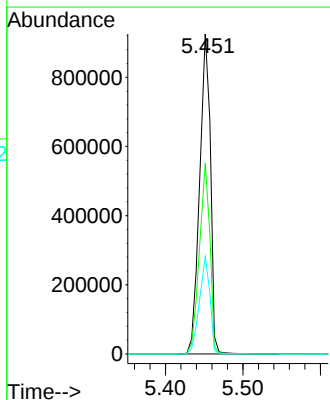
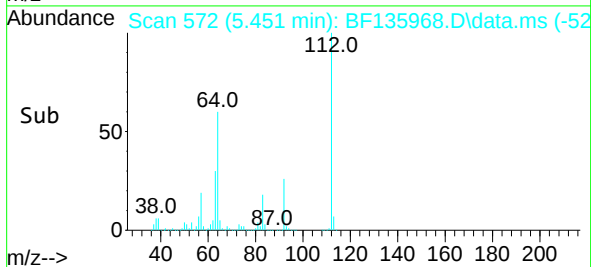
Tgt Ion:152 Resp: 158876
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 58.1 46.6 69.8

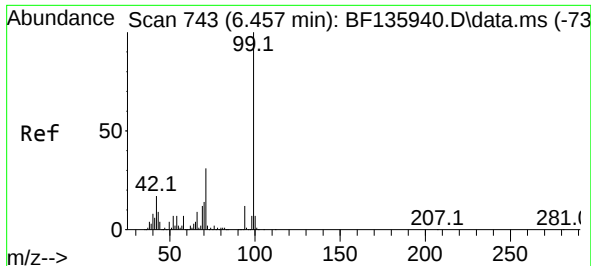


#5
2-Fluorophenol
Concen: 87.115 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF135968.D
Acq: 26 Oct 2023 17:42



Tgt Ion:112 Resp: 896310
Ion Ratio Lower Upper
112 100
64 59.7 45.1 67.7
63 30.5 23.0 34.4

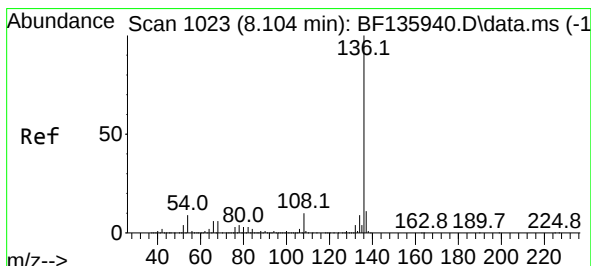
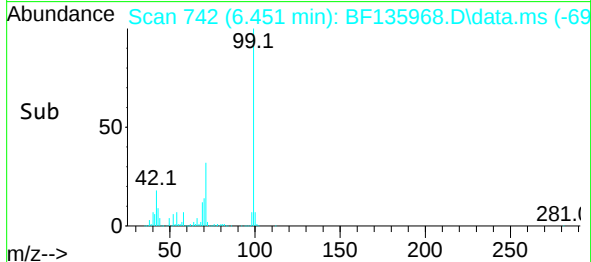
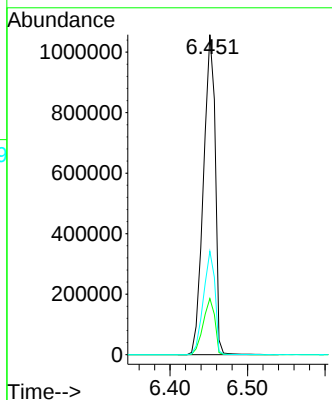
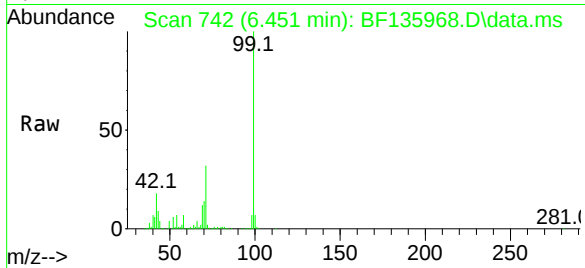




#7
Phenol-d6
Concen: 87.112 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF135968.D
Acq: 26 Oct 2023 17:42

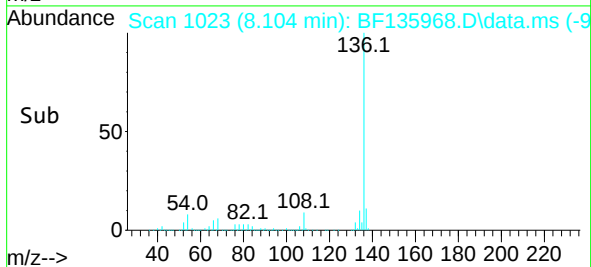
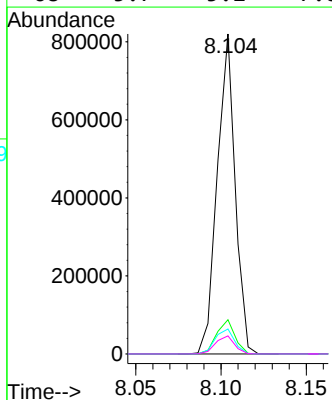
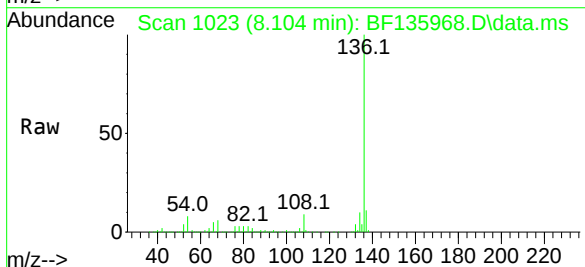
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B4A-0-7.5

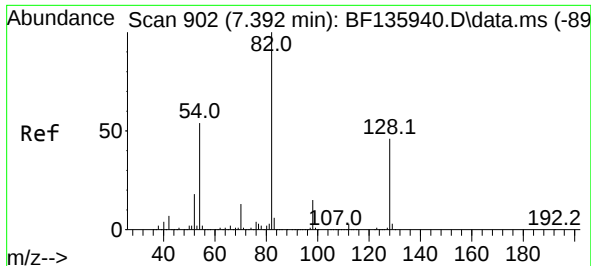
Tgt Ion: 99 Resp: 1115833
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 32.3 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135968.D
Acq: 26 Oct 2023 17:42

Tgt Ion: 136 Resp: 600293
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.8 7.1 10.7
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 68.298 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF135968.D

Acq: 26 Oct 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B4A-0-7.5

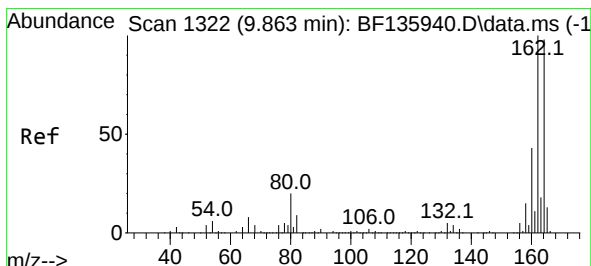
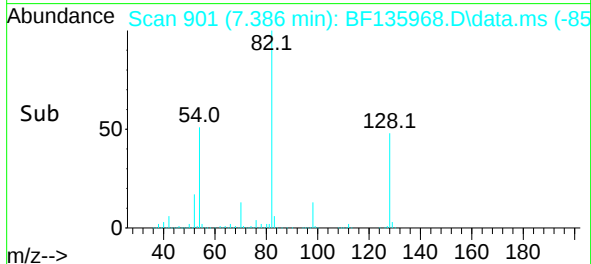
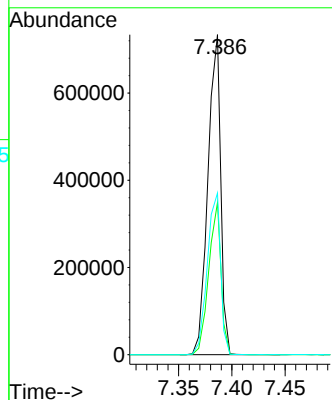
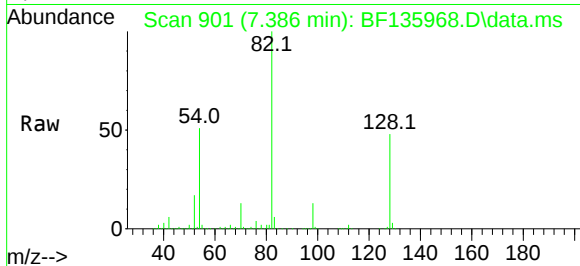
Tgt Ion: 82 Resp: 614680

Ion Ratio Lower Upper

82 100

128 47.5 36.8 55.2

54 50.5 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF135968.D

Acq: 26 Oct 2023 17:42

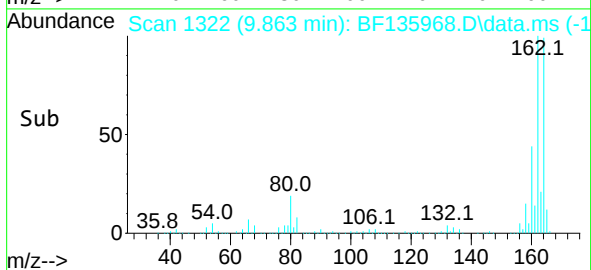
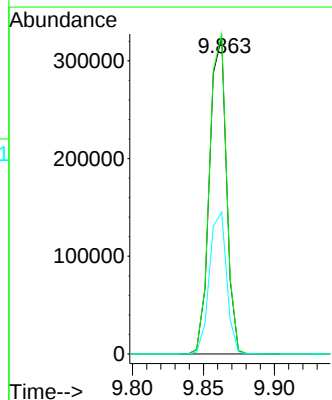
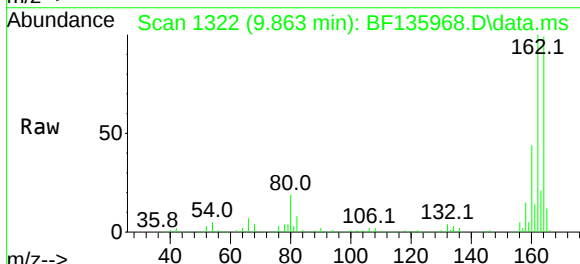
Tgt Ion: 164 Resp: 269521

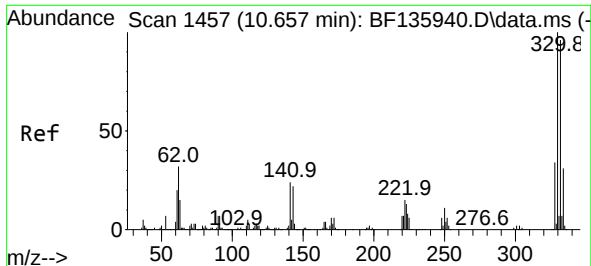
Ion Ratio Lower Upper

164 100

162 101.0 82.0 123.0

160 44.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 86.909 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF135968.D

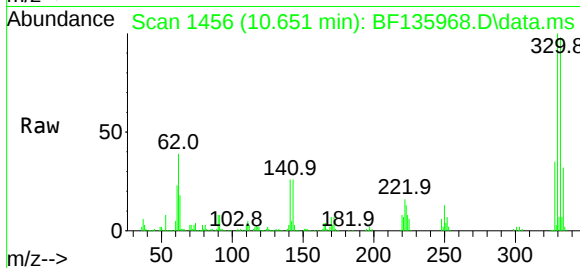
Acq: 26 Oct 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B4A-0-7.5



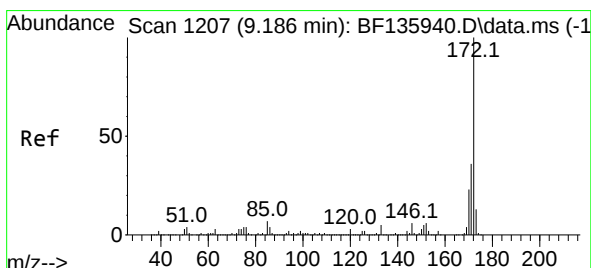
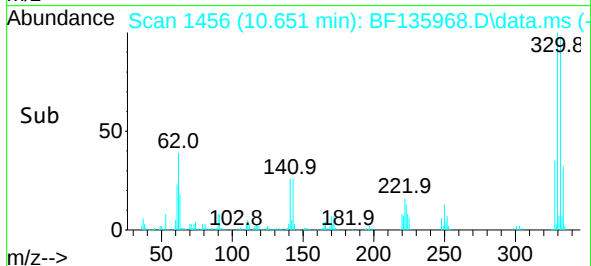
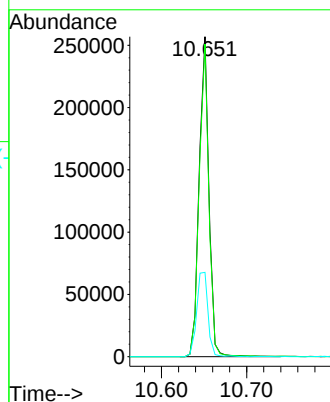
Tgt Ion:330 Resp: 205027

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 30.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 63.480 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF135968.D

Acq: 26 Oct 2023 17:42

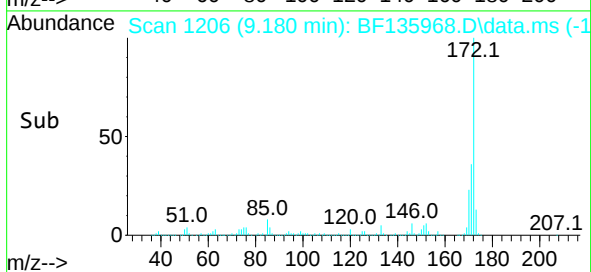
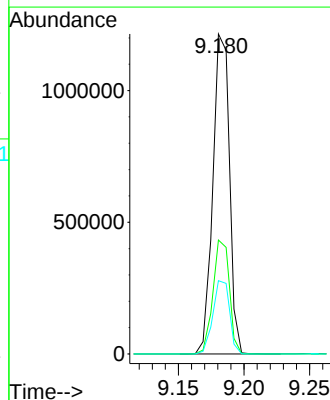
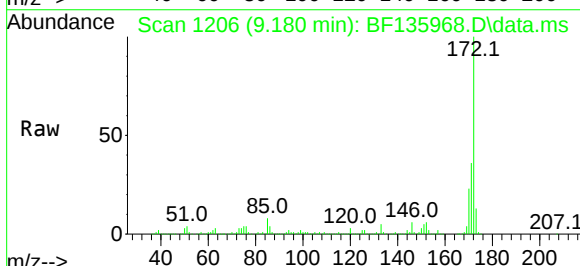
Tgt Ion:172 Resp: 1068484

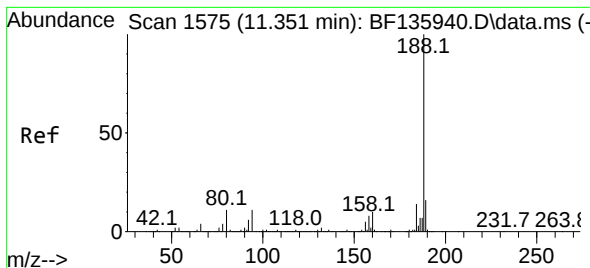
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135968.D

Acq: 26 Oct 2023 17:42

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B4A-0-7.5

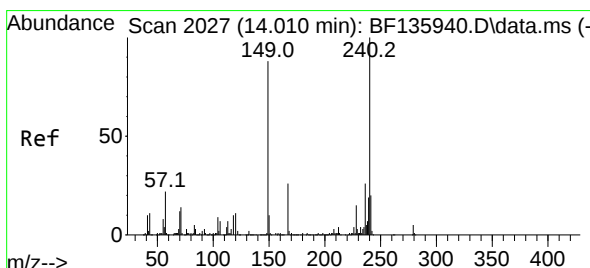
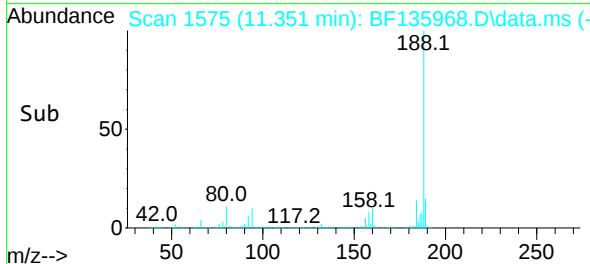
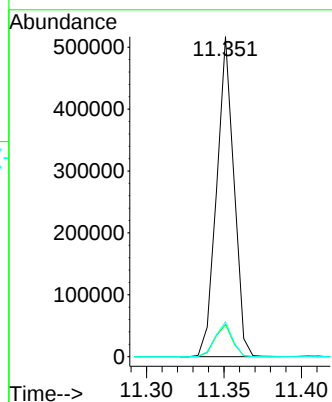
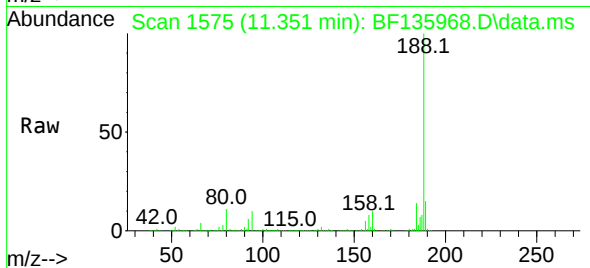
Tgt Ion:188 Resp: 400314

Ion Ratio Lower Upper

188 100

94 10.0 8.6 13.0

80 10.9 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF135968.D

Acq: 26 Oct 2023 17:42

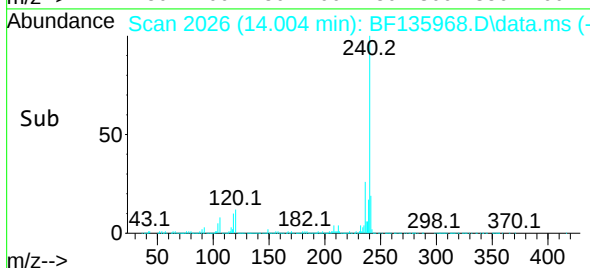
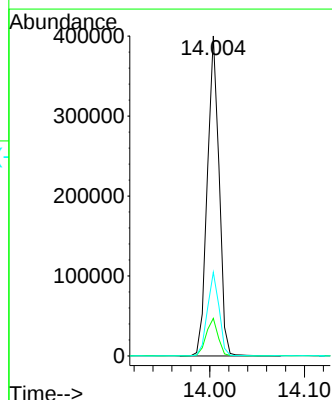
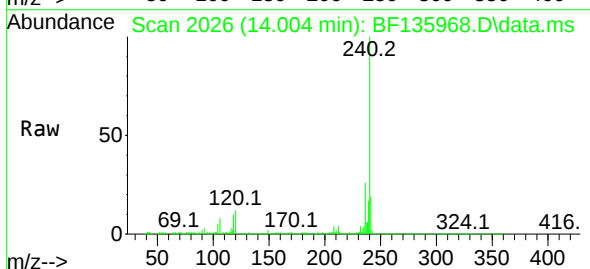
Tgt Ion:240 Resp: 344746

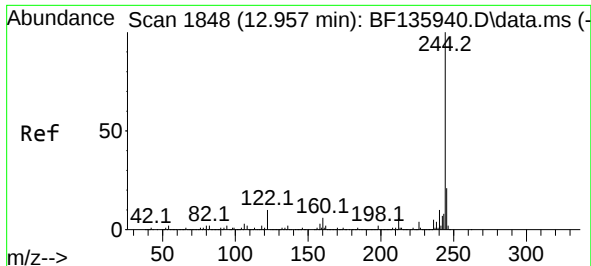
Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

236 26.2 20.6 30.8

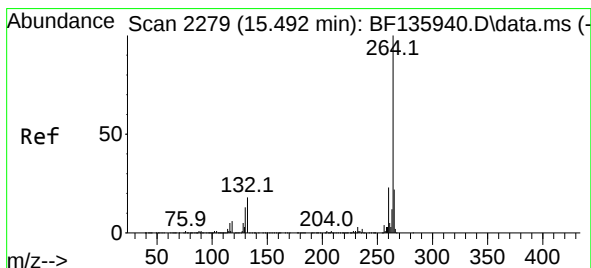
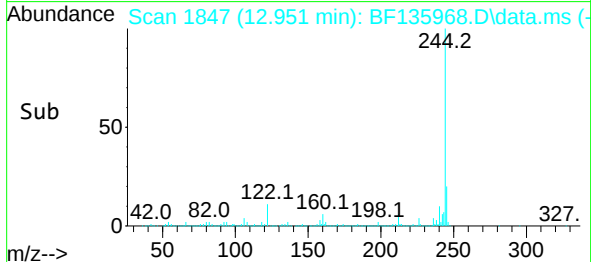
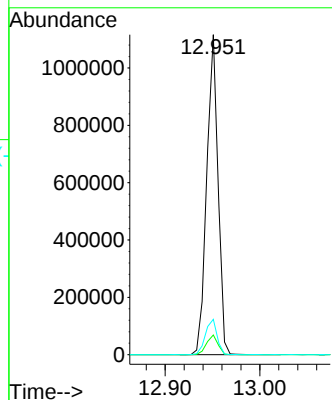
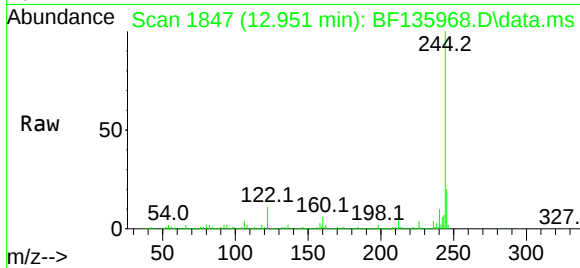




#79
 Terphenyl-d14
 Concen: 44.653 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF135968.D
 Acq: 26 Oct 2023 17:42

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Tgt Ion:244 Resp: 921370
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 11.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF135968.D
 Acq: 26 Oct 2023 17:42

Tgt Ion:264 Resp: 286053
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.5 17.3 25.9

