

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
 Data File : BF139824.D
 Acq On : 16 Oct 2024 11:45
 Operator : RC/JU
 Sample : P4396-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-FRAC-TANK

Quant Time: Oct 16 12:11:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	76888	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	288995	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159371	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	271489	20.000	ng	0.00
76) Chrysene-d12	14.010	240	131574	20.000	ng	0.00
86) Perylene-d12	15.474	264	167034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	295096	64.758	ng	0.00
7) Phenol-d6	6.481	99	235441	38.850	ng	-0.01
23) Nitrobenzene-d5	7.416	82	547412	97.495	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	190133	141.457	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	925908	86.896	ng	0.00
79) Terphenyl-d14	12.957	244	701480	111.390	ng	0.00

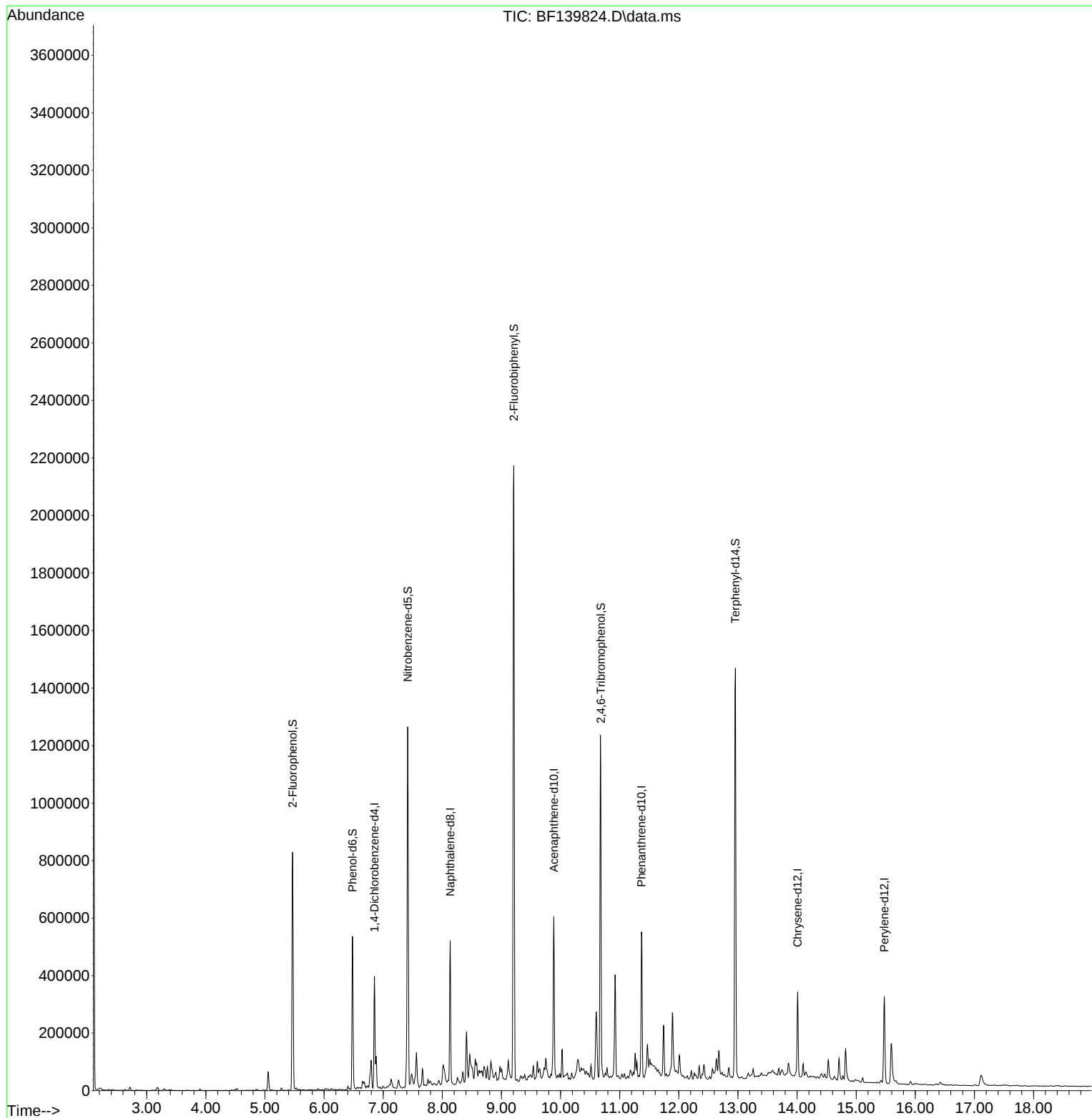
Target Compounds	Qvalue

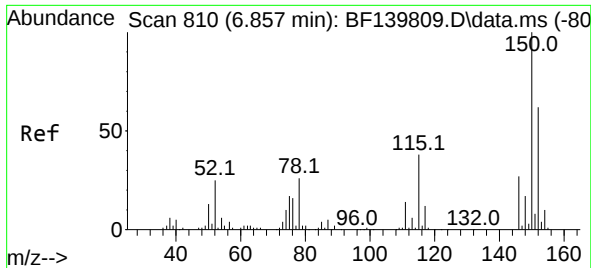
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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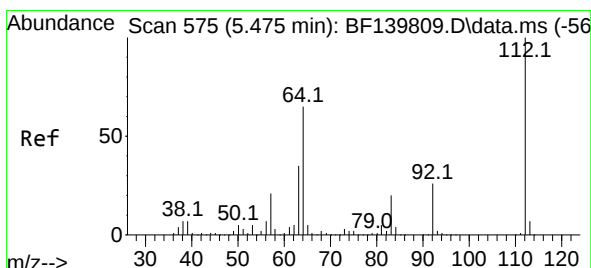
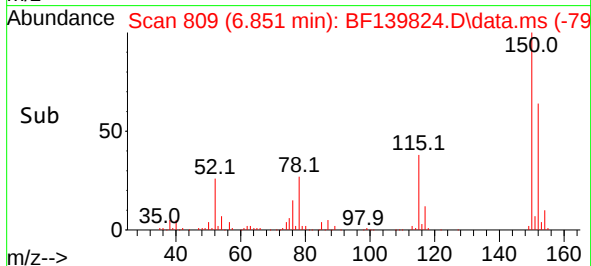
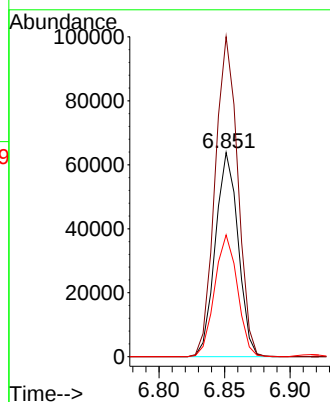
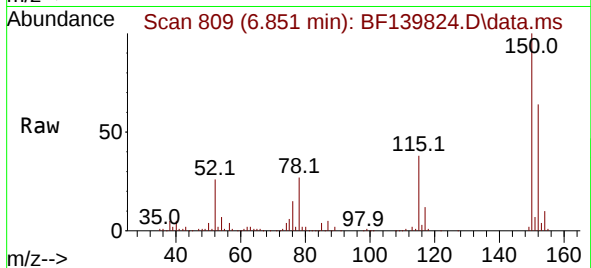




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF139824.D
 Acq: 16 Oct 2024 11:45

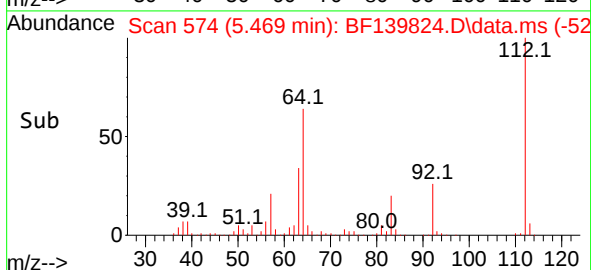
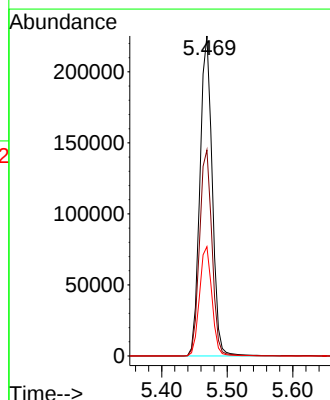
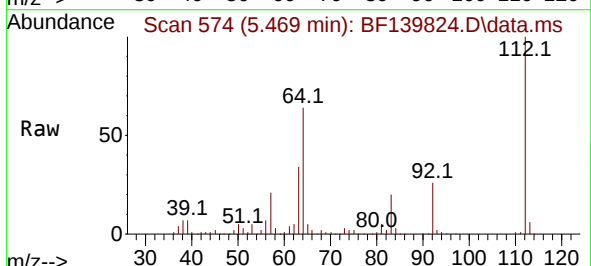
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-FRAC-TANK

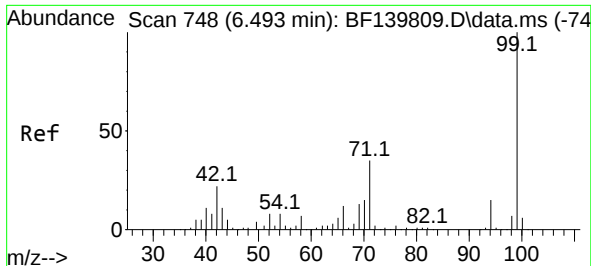
Tgt Ion:152 Resp: 76888
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.2 192.2
 115 59.6 48.1 72.1



#5
 2-Fluorophenol
 Concen: 64.758 ng
 RT: 5.469 min Scan# 574
 Delta R.T. -0.006 min
 Lab File: BF139824.D
 Acq: 16 Oct 2024 11:45

Tgt Ion:112 Resp: 295096
 Ion Ratio Lower Upper
 112 100
 64 64.4 52.1 78.1
 63 34.1 27.6 41.4

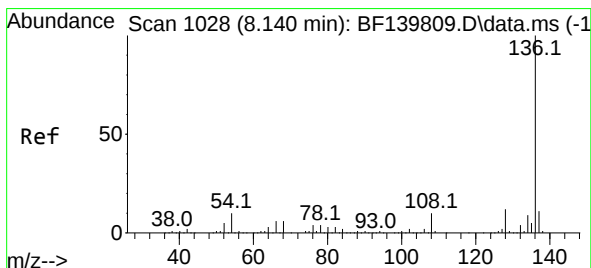
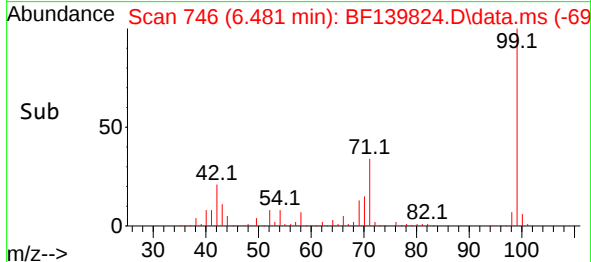
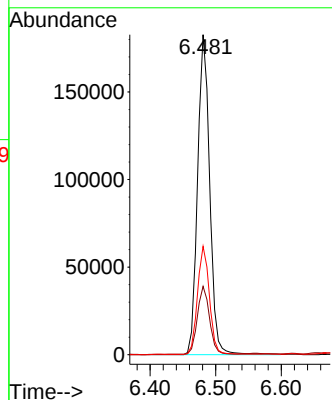
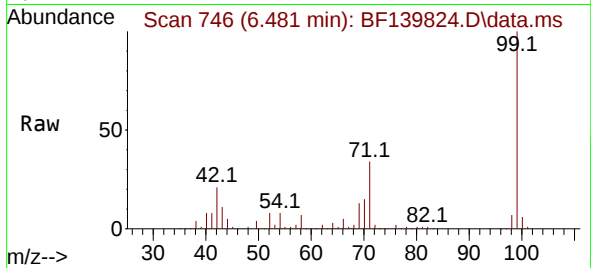




#7
Phenol-d6
Concen: 38.850 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139824.D
Acq: 16 Oct 2024 11:45

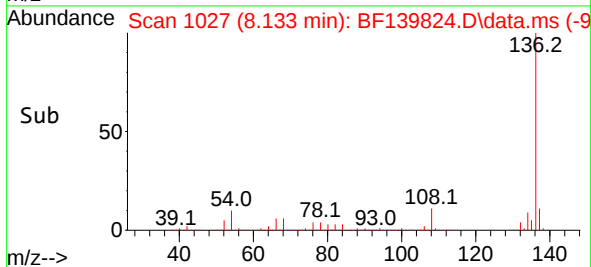
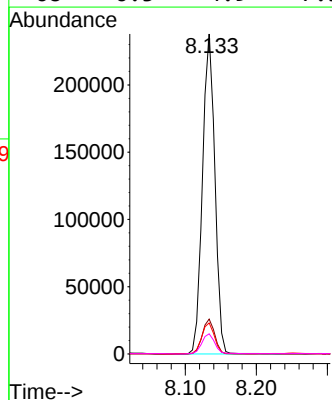
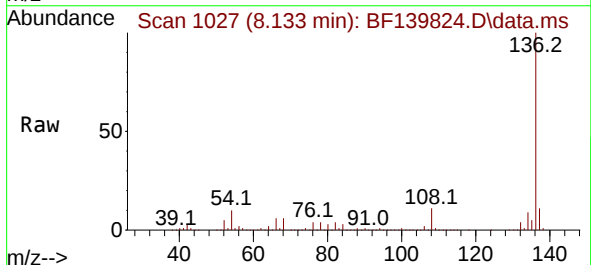
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-FRAC-TANK

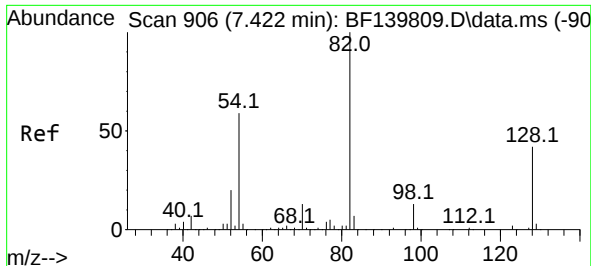
Tgt Ion: 99 Resp: 235441
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 33.8 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BF139824.D
Acq: 16 Oct 2024 11:45

Tgt Ion: 136 Resp: 288995
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.7 7.7 11.5
68 6.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 97.495 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139824.D

Acq: 16 Oct 2024 11:45

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-FRAC-TANK

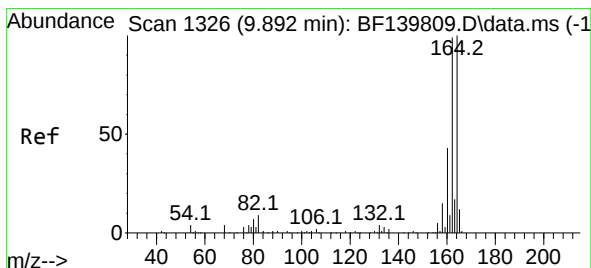
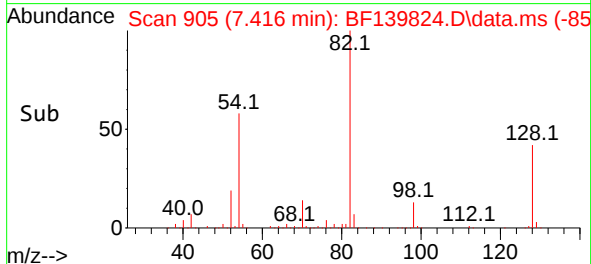
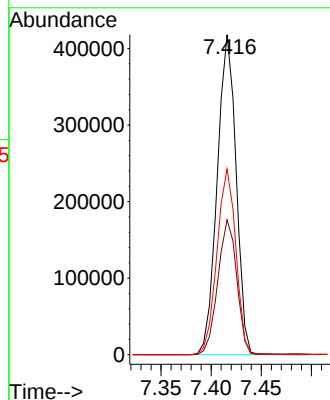
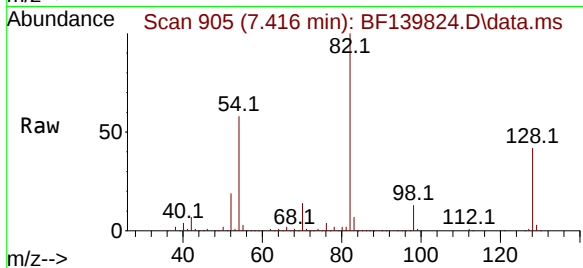
Tgt Ion: 82 Resp: 547412

Ion Ratio Lower Upper

82 100

128 42.2 33.9 50.9

54 58.0 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF139824.D

Acq: 16 Oct 2024 11:45

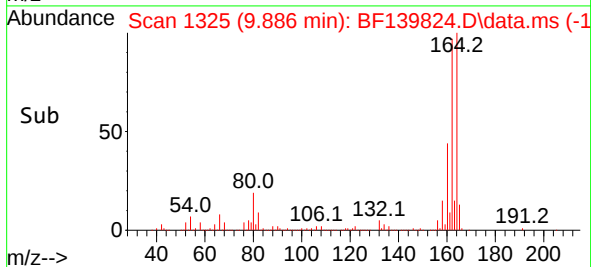
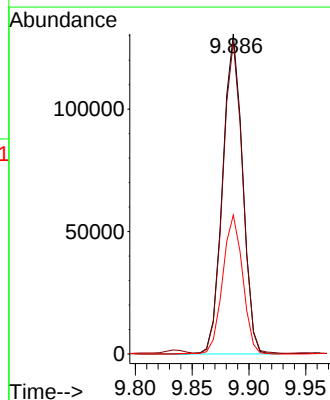
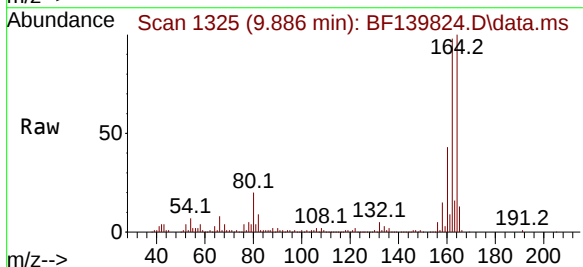
Tgt Ion:164 Resp: 159371

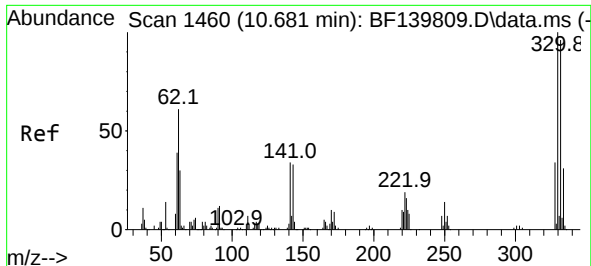
Ion Ratio Lower Upper

164 100

162 97.6 79.1 118.7

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 141.457 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF139824.D

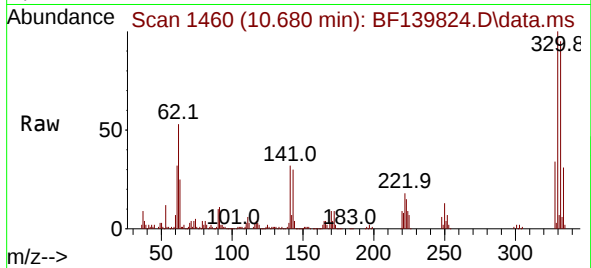
Acq: 16 Oct 2024 11:45

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-FRAC-TANK



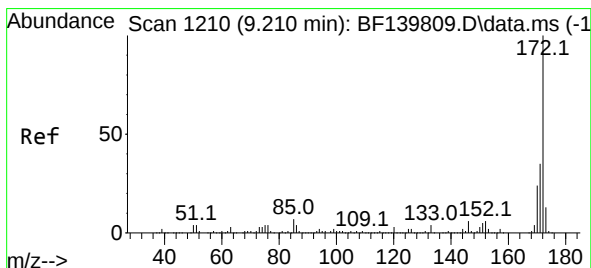
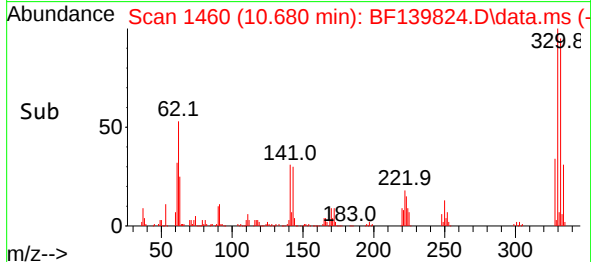
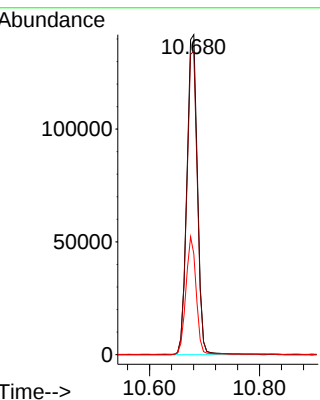
Tgt Ion:330 Resp: 190133

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

141 35.2 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 86.896 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF139824.D

Acq: 16 Oct 2024 11:45

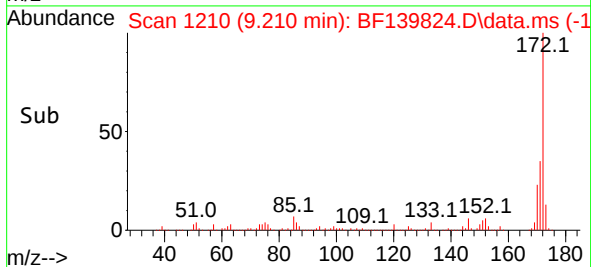
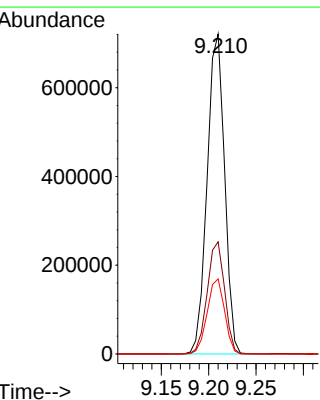
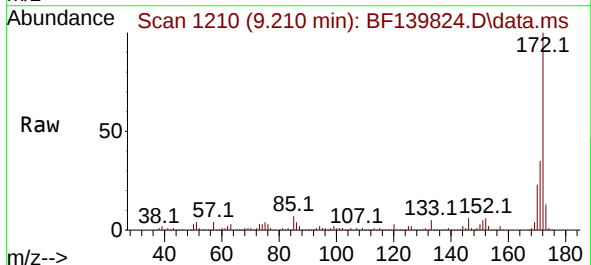
Tgt Ion:172 Resp: 925908

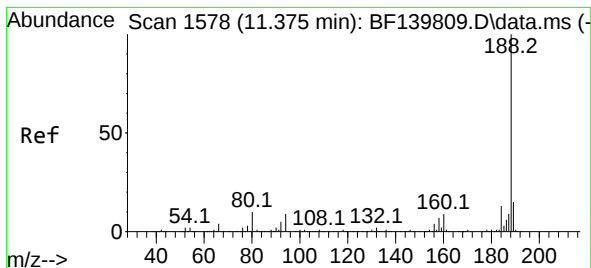
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139824.D

Acq: 16 Oct 2024 11:45

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-FRAC-TANK

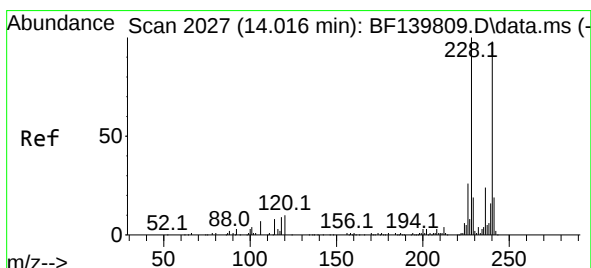
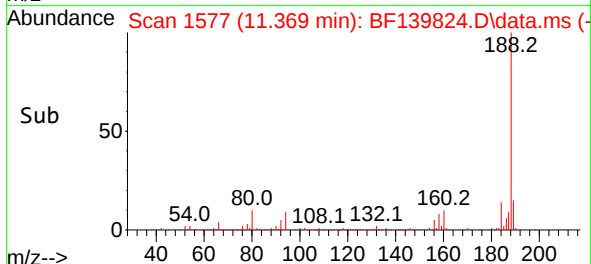
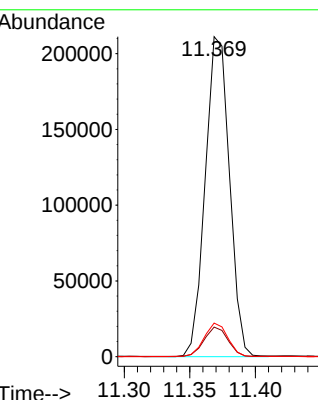
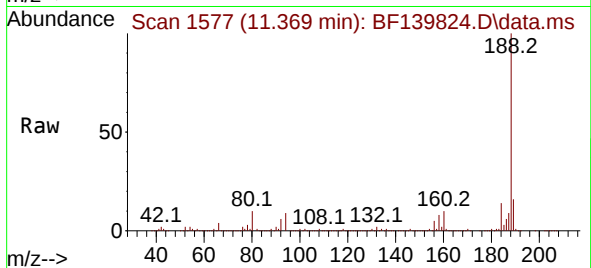
Tgt Ion:188 Resp: 271489

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 10.5 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF139824.D

Acq: 16 Oct 2024 11:45

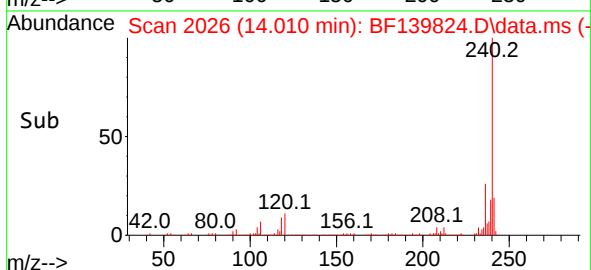
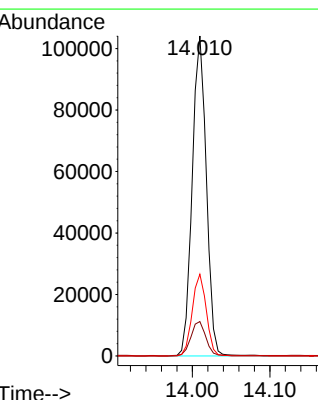
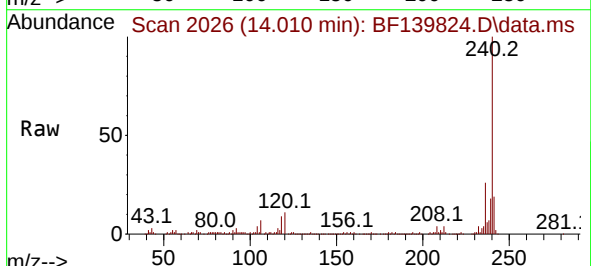
Tgt Ion:240 Resp: 131574

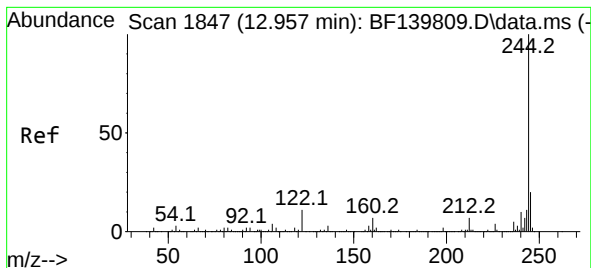
Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 25.6 20.0 30.0





#79

Terphenyl-d14

Concen: 111.390 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139824.D

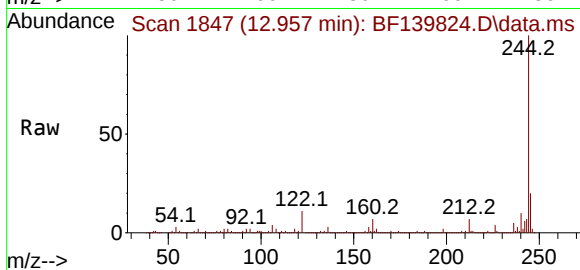
Acq: 16 Oct 2024 11:45

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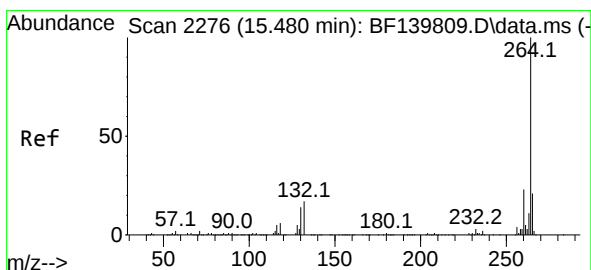
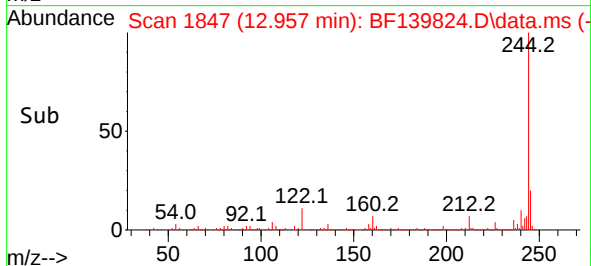
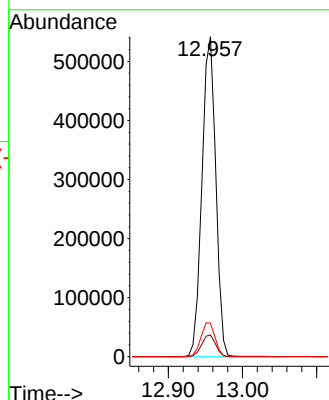
Tgt Ion:244 Resp: 701480

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF139824.D

Acq: 16 Oct 2024 11:45

Tgt Ion:264 Resp: 167034

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 20.9 17.2 25.8

