

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138652.D
 Acq On : 25 Jul 2024 14:49
 Operator : RC/JU
 Sample : P3357-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-853-J-SO-3-3.5-072024

Quant Time: Jul 25 15:34:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	67402	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	277064	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	153402	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	249217	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	118232	20.000	ng	-0.02
86) Perylene-d12	15.474	264	133948	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	419357	98.537	ng	-0.01
7) Phenol-d6	6.487	99	567738	100.280	ng	-0.02
23) Nitrobenzene-d5	7.416	82	360098	63.812	ng	-0.02
42) 2,4,6-Tribromophenol	10.681	330	133745	93.287	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	621194	63.289	ng	-0.02
79) Terphenyl-d14	12.957	244	499342	68.804	ng	-0.02

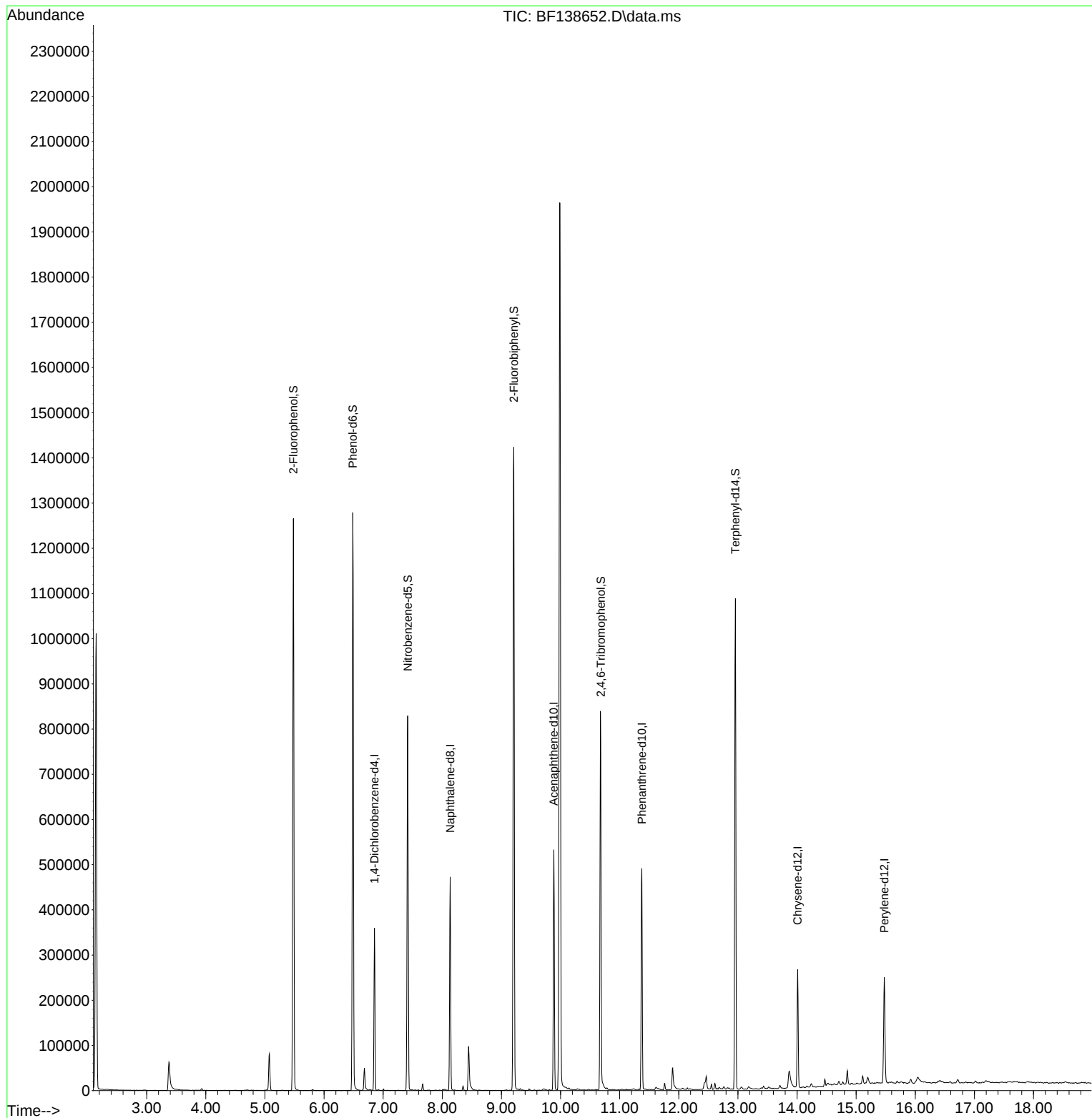
Target Compounds	Qvalue

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

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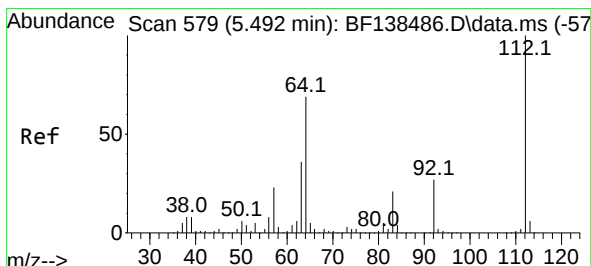
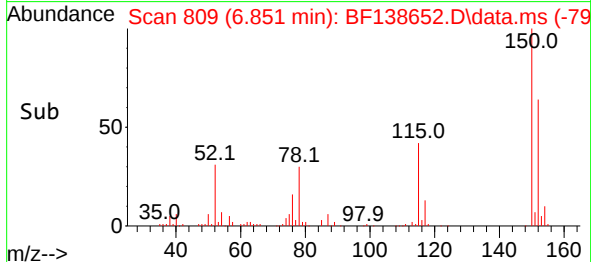
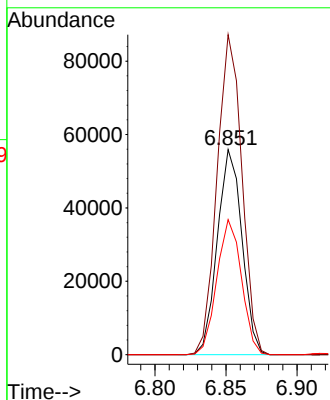
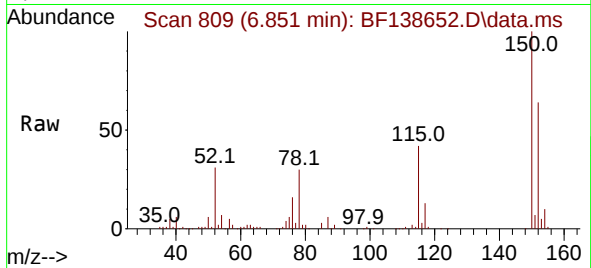




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

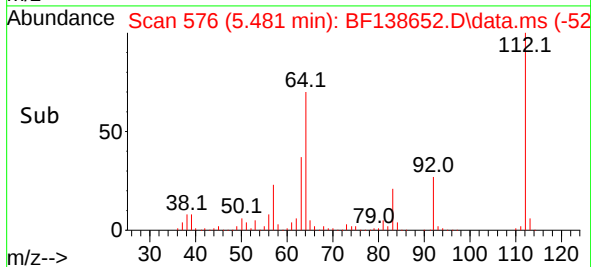
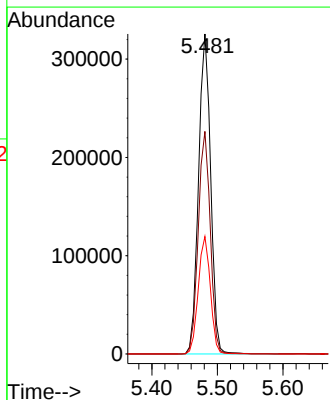
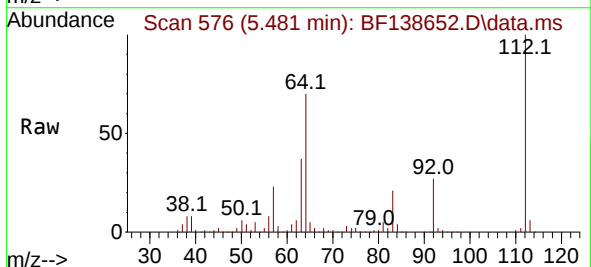
Instrument :
BNA_F
ClientSampleId :
S-853-J-SO-3-3.5-072024

Tgt Ion:152 Resp: 67402
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 65.8 50.3 75.5



#5
2-Fluorophenol
Concen: 98.537 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.011 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Tgt Ion:112 Resp: 419357
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 36.7 29.0 43.6

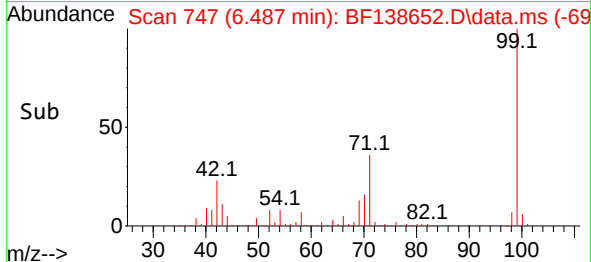
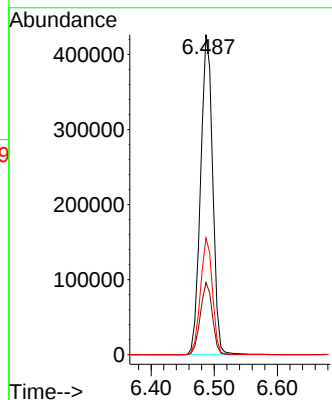
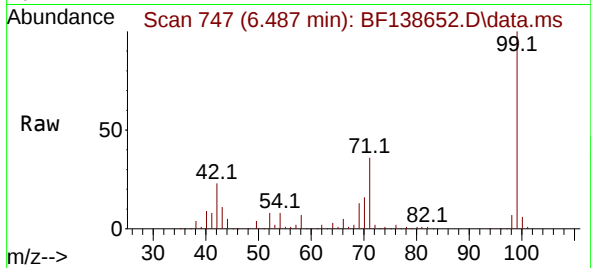




#7
Phenol-d6
Concen: 100.280 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

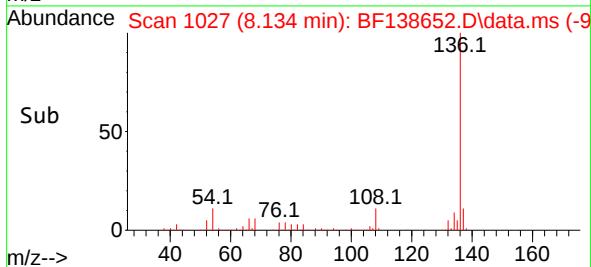
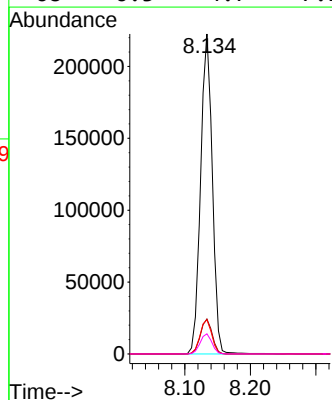
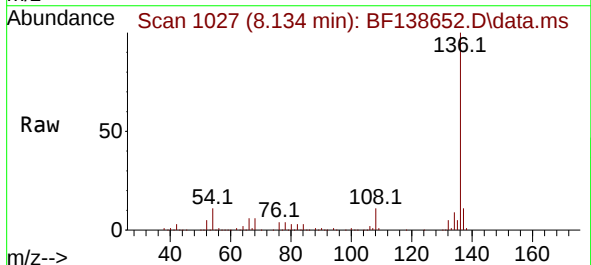
Instrument :
BNA_F
ClientSampleId :
S-853-J-SO-3-3.5-072024

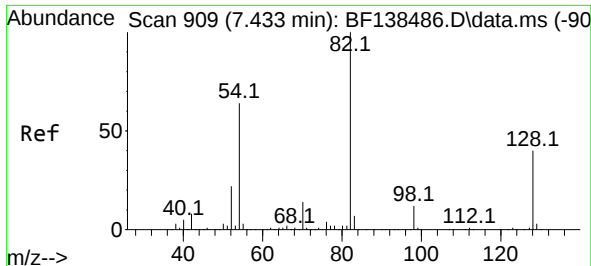
Tgt Ion: 99 Resp: 567738
Ion Ratio Lower Upper
99 100
42 22.6 19.7 29.5
71 36.5 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

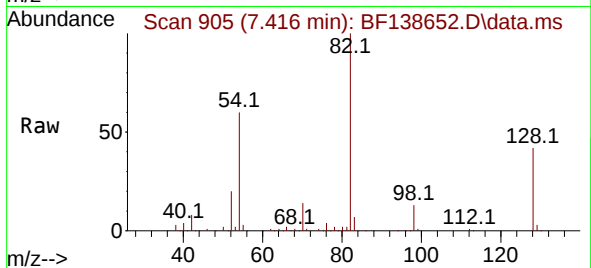
Tgt Ion:136 Resp: 277064
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.7 8.1 12.1
68 6.3 4.7 7.1



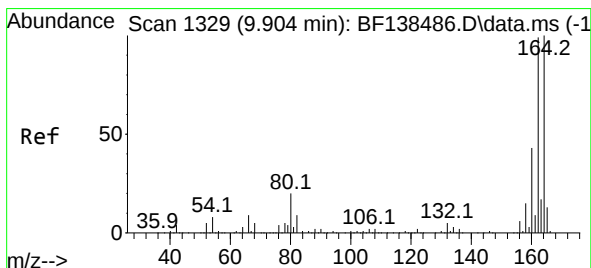
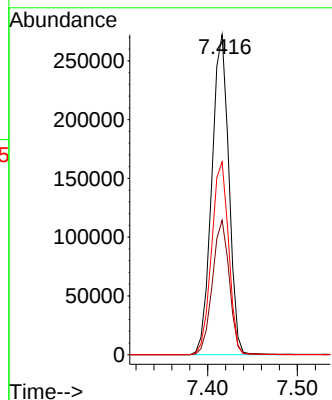
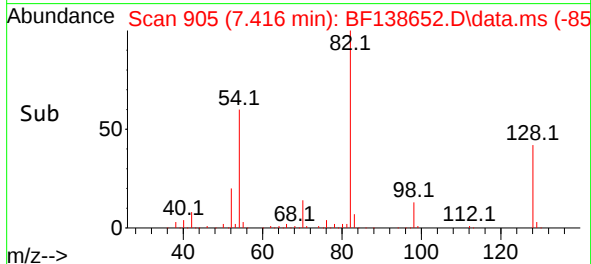


#23
Nitrobenzene-d5
Concen: 63.812 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.017 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

Instrument :
BNA_F
ClientSampleId :
S-853-J-SO-3-3.5-072024

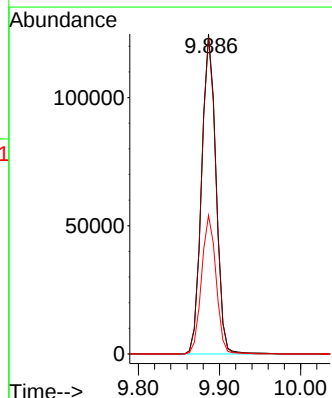
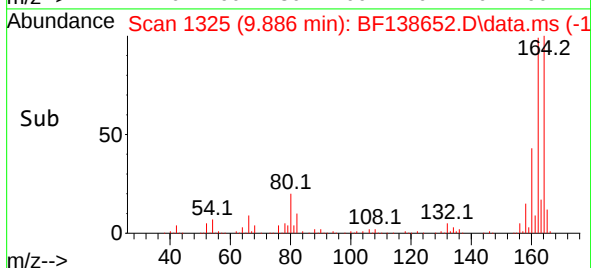
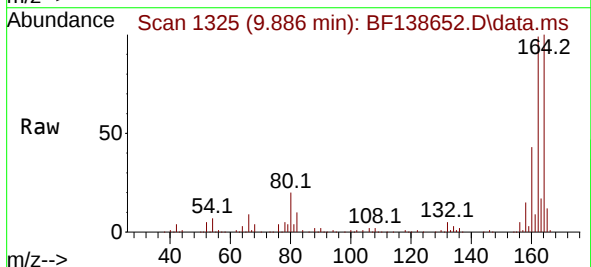


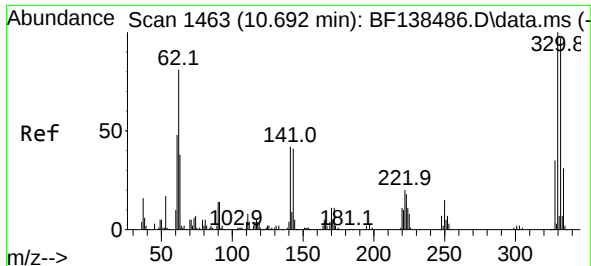
Tgt Ion: 82 Resp: 360098
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 60.3 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138652.D
Acq: 25 Jul 2024 14:49

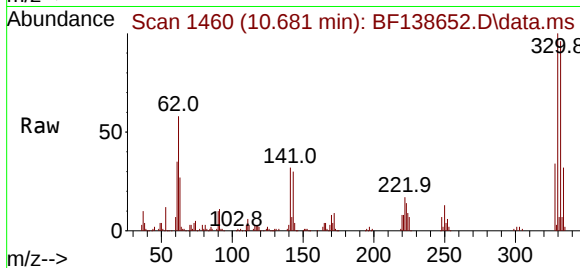
Tgt Ion: 164 Resp: 153402
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.6
160 43.3 34.4 51.6



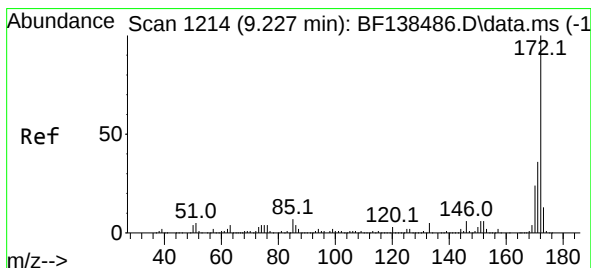
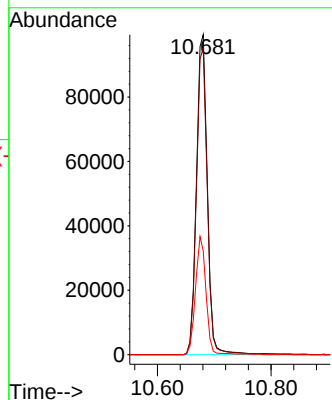
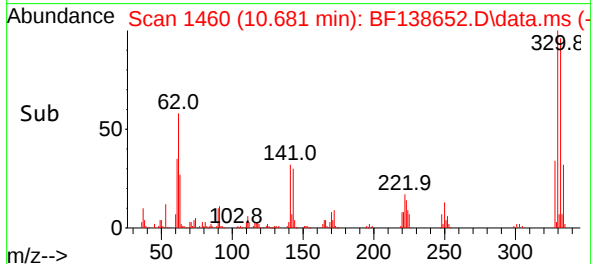


#42
 2,4,6-Tribromophenol
 Concen: 93.287 ng
 RT: 10.681 min Scan# 1460
 Delta R.T. -0.011 min
 Lab File: BF138652.D
 Acq: 25 Jul 2024 14:49

Instrument :
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 S-853-J-SO-3-3.5-072024

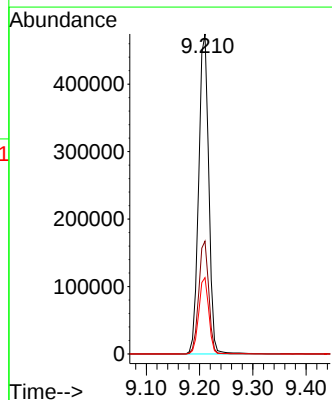
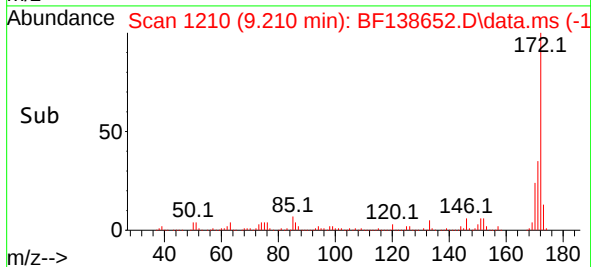
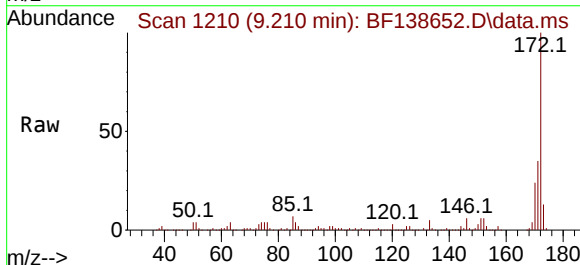


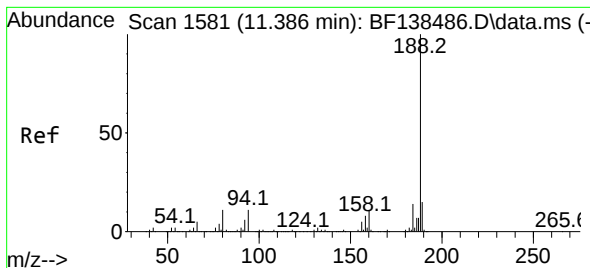
Tgt Ion:330 Resp: 133745
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.8 115.2
 141 35.6 29.4 44.2



#45
 2-Fluorobiphenyl
 Concen: 63.289 ng
 RT: 9.210 min Scan# 1210
 Delta R.T. -0.017 min
 Lab File: BF138652.D
 Acq: 25 Jul 2024 14:49

Tgt Ion:172 Resp: 621194
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF138652.D

Acq: 25 Jul 2024 14:49

Instrument :

BNA_F

ClientSampleId :

S-853-J-SO-3-3.5-072024

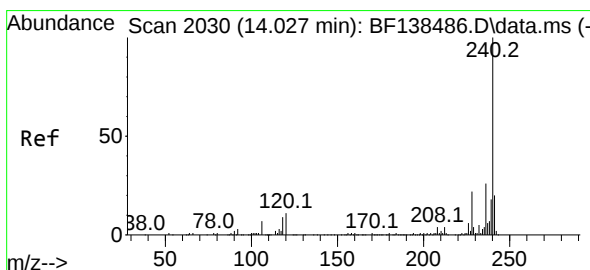
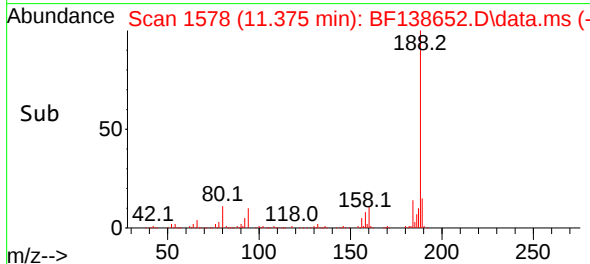
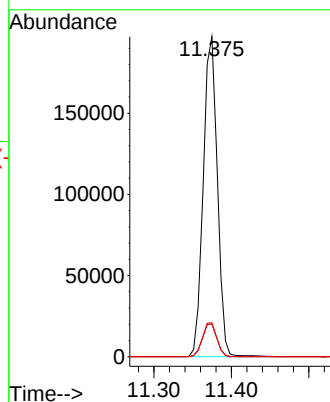
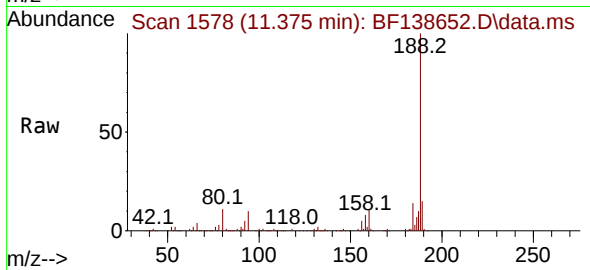
Tgt Ion:188 Resp: 249217

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.017 min

Lab File: BF138652.D

Acq: 25 Jul 2024 14:49

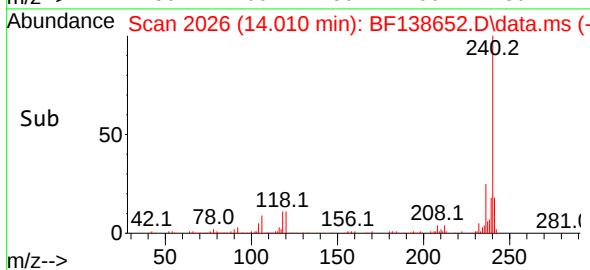
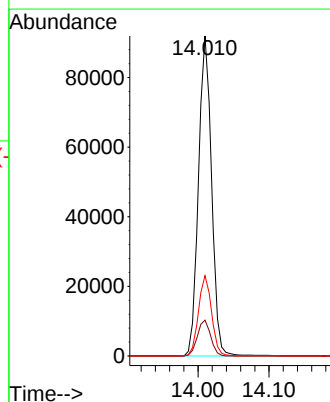
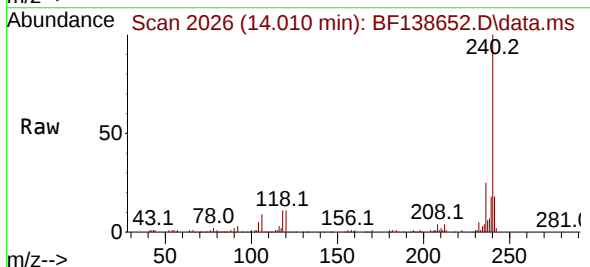
Tgt Ion:240 Resp: 118232

Ion Ratio Lower Upper

240 100

120 11.2 8.6 12.8

236 25.1 21.0 31.6

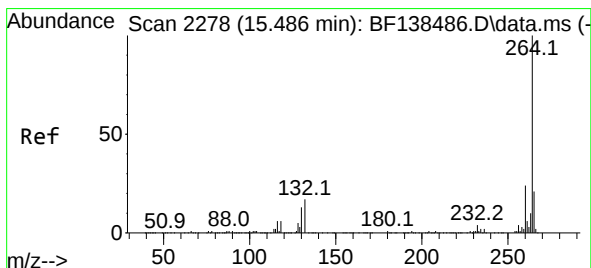
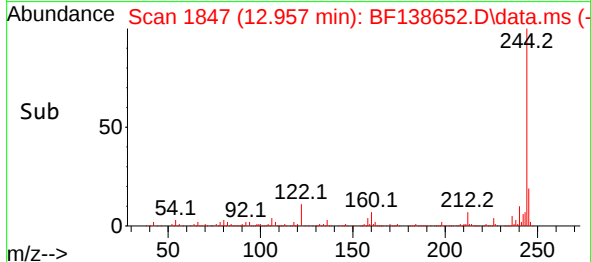
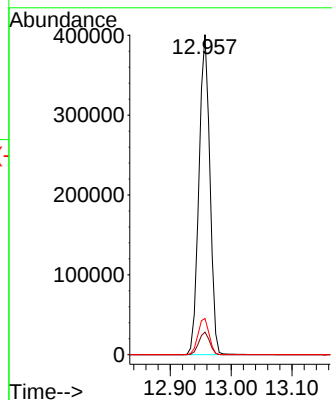
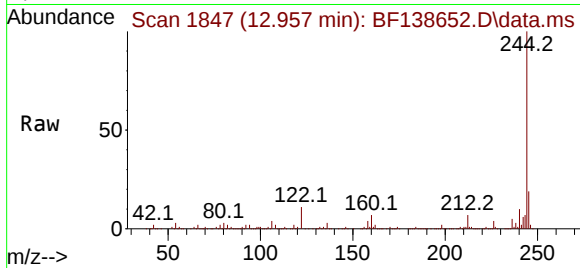




#79
 Terphenyl-d14
 Concen: 68.804 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BF138652.D
 Acq: 25 Jul 2024 14:49

Instrument :
 BNA_F
 ClientSampleId :
 S-853-J-SO-3-3.5-072024

Tgt Ion:244 Resp: 499342
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.011 min
 Lab File: BF138652.D
 Acq: 25 Jul 2024 14:49

Tgt Ion:264 Resp: 133948
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.6 17.0 25.4

