

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138654.D
 Acq On : 25 Jul 2024 15:49
 Operator : RC/JU
 Sample : P3357-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-2-2.5-072024

Quant Time: Jul 25 16:16:32 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	75698	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	309534	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	168340	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	275533	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	126228	20.000	ng	-0.02
86) Perylene-d12	15.474	264	144468	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	445977	93.307	ng	-0.01
7) Phenol-d6	6.487	99	603335	94.889	ng	-0.02
23) Nitrobenzene-d5	7.416	82	383414	60.816	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	136006	86.446	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	597050	55.431	ng	-0.02
79) Terphenyl-d14	12.957	244	449751	58.046	ng	-0.02

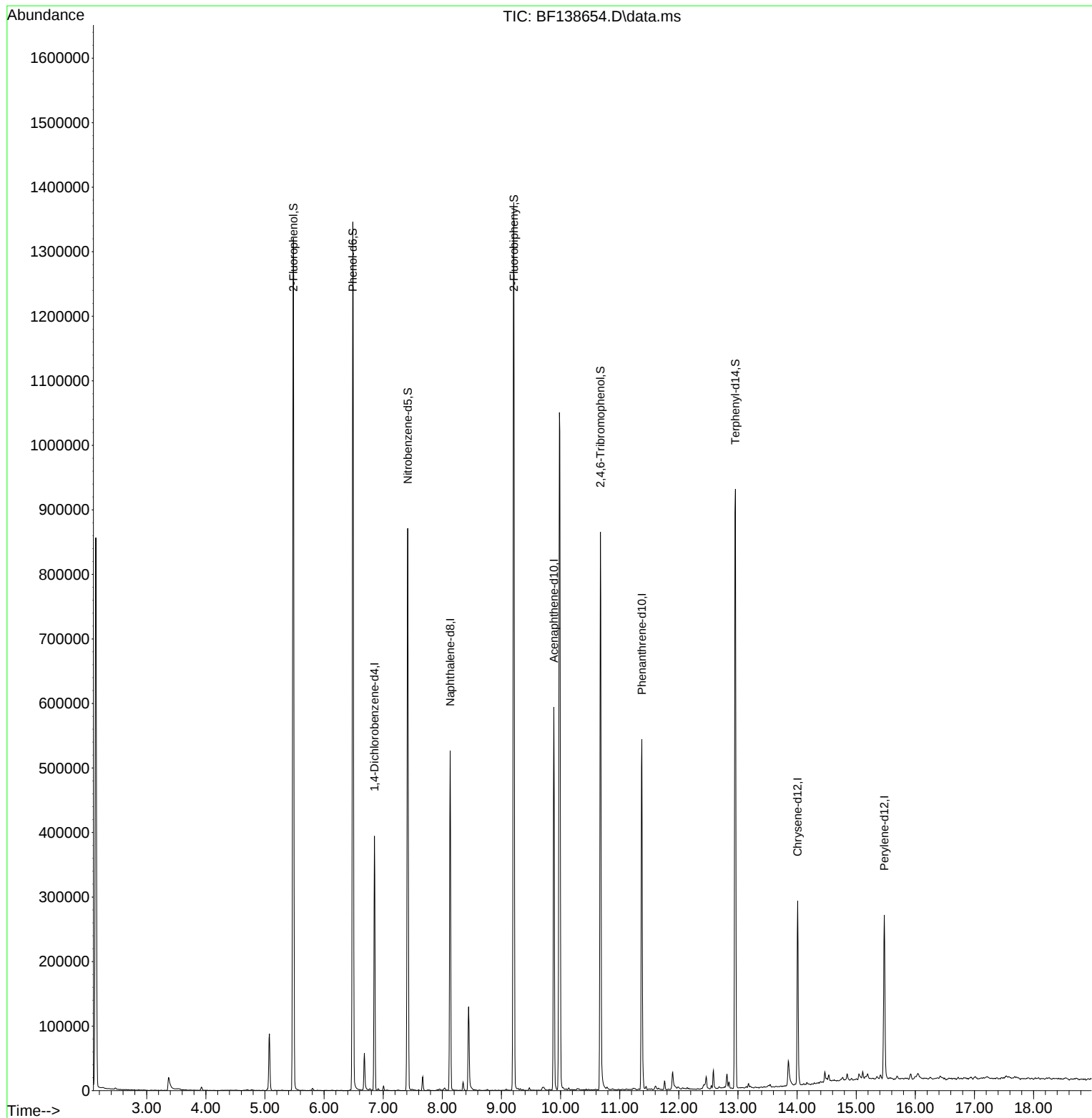
Target Compounds	Qvalue

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

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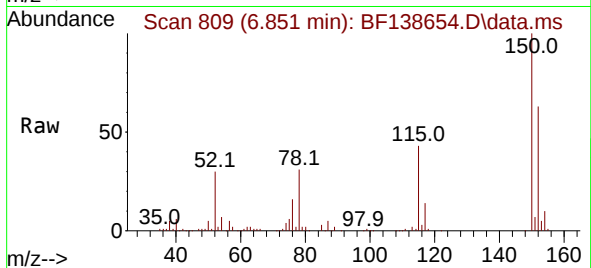
Quant Time: Jul 25 16:16:32 2024
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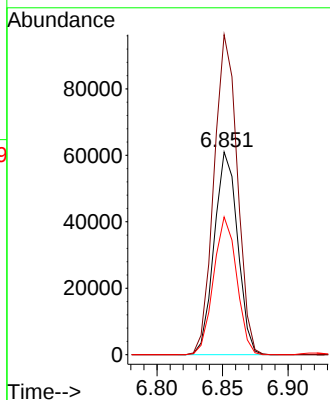
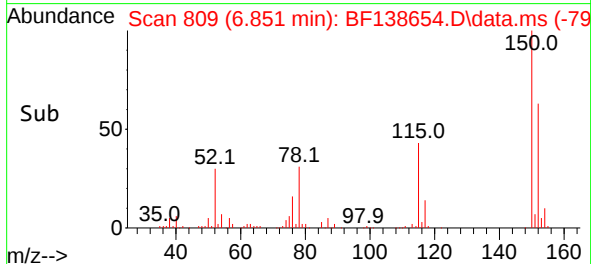


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

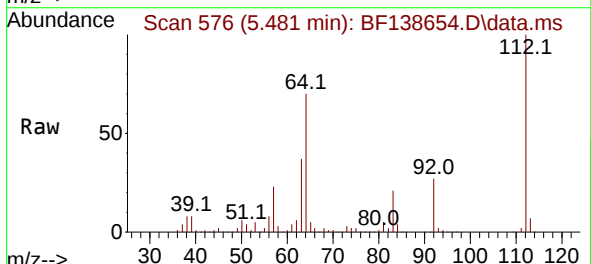
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-2-2.5-072024



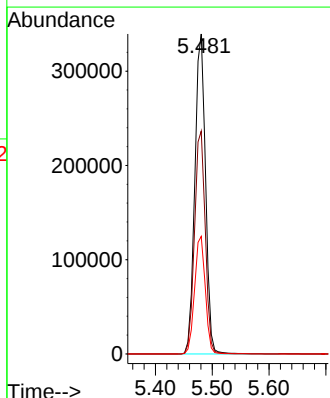
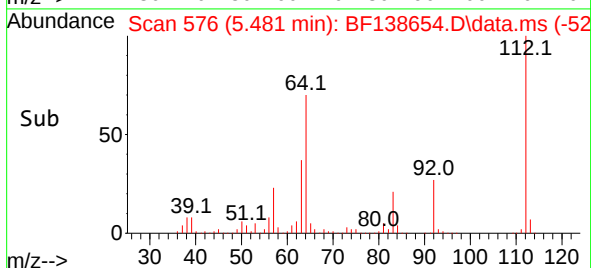
Tgt Ion:152 Resp: 75698
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 68.0 50.3 75.5



#5
2-Fluorophenol
Concen: 93.307 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49



Tgt Ion:112 Resp: 445977
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 36.7 29.0 43.6

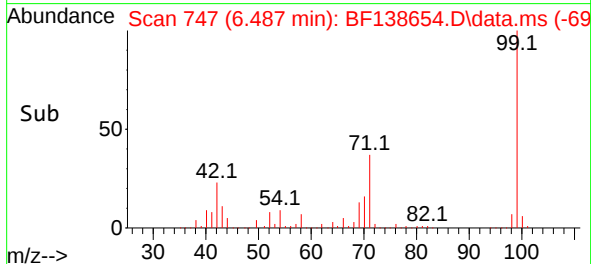
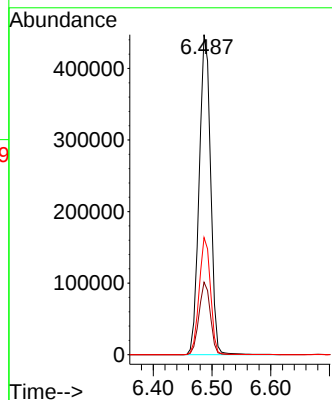
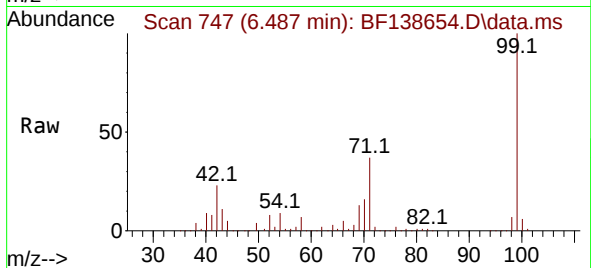




#7
Phenol-d6
Concen: 94.889 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

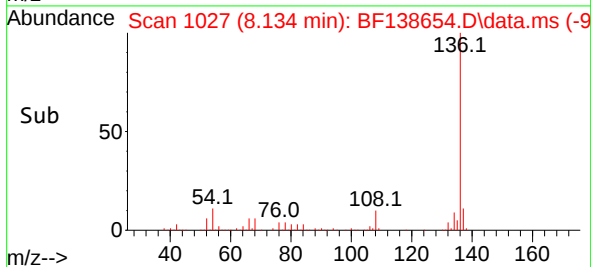
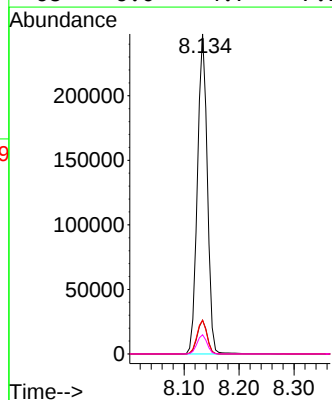
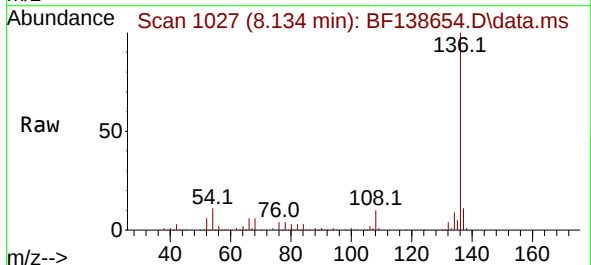
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-2-2.5-072024

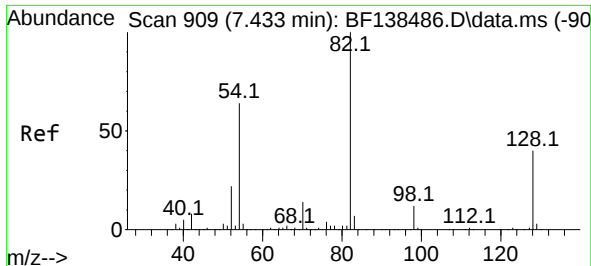
Tgt Ion: 99 Resp: 603335
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 36.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Tgt Ion: 136 Resp: 309534
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.5 8.1 12.1
68 6.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 60.816 ng

RT: 7.416 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF138654.D

Acq: 25 Jul 2024 15:49

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-2-2.5-072024

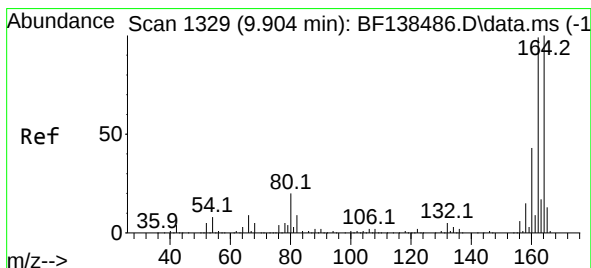
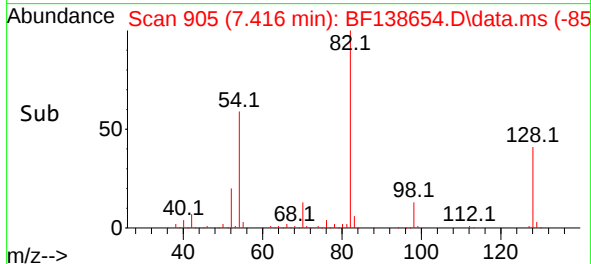
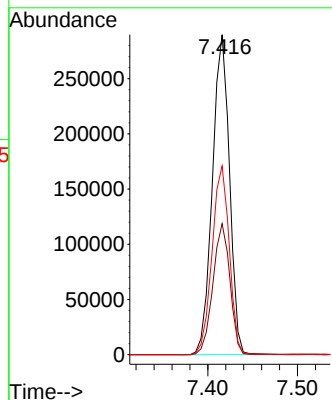
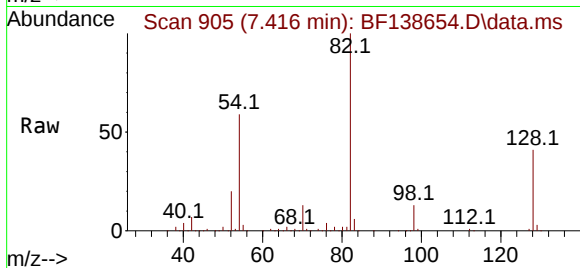
Tgt Ion: 82 Resp: 383414

Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

54 59.0 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.018 min

Lab File: BF138654.D

Acq: 25 Jul 2024 15:49

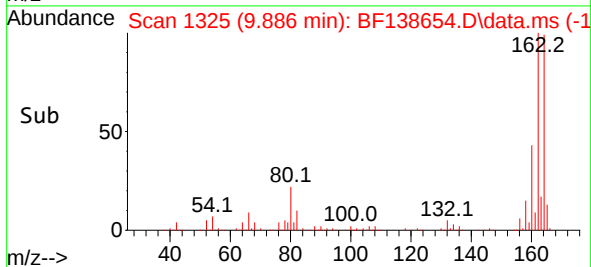
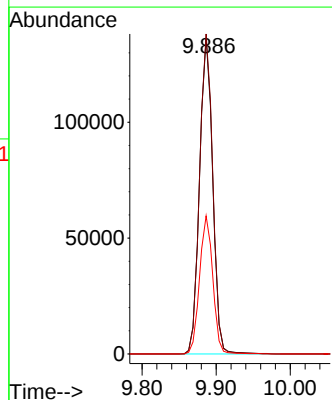
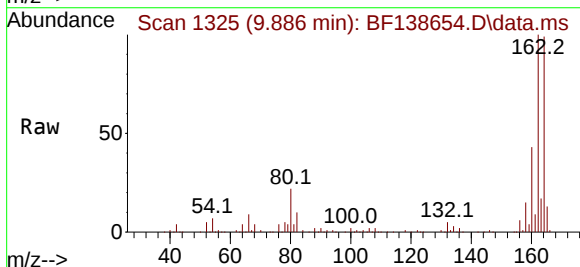
Tgt Ion: 164 Resp: 168340

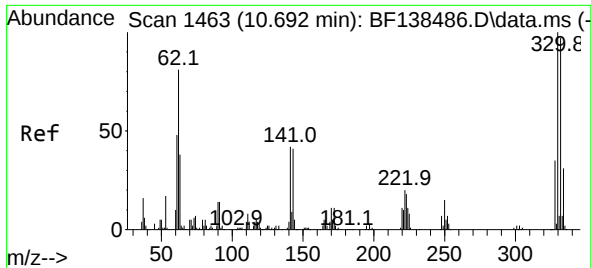
Ion Ratio Lower Upper

164 100

162 101.2 79.0 118.6

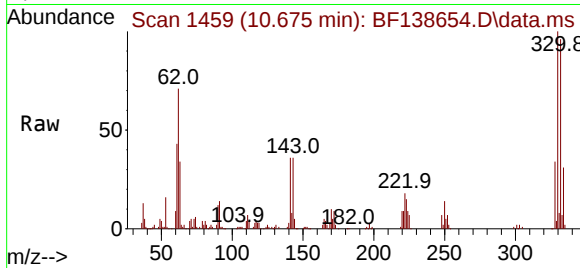
160 43.7 34.4 51.6



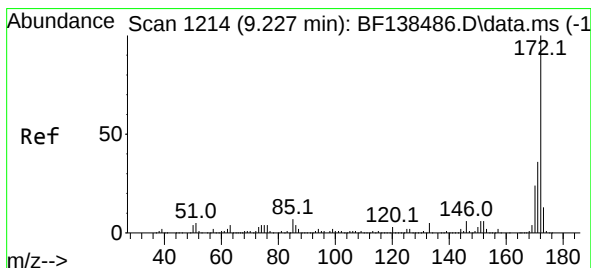
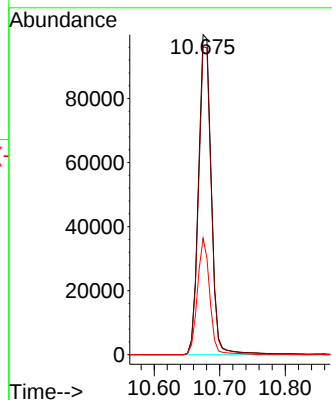
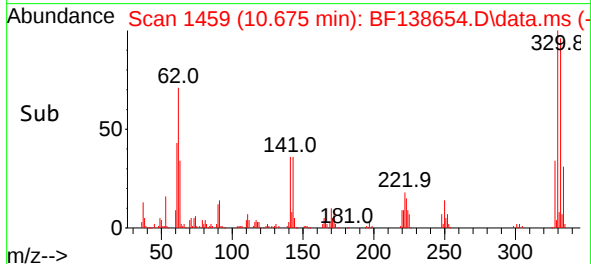


#42
2,4,6-Tribromophenol
Concen: 86.446 ng
RT: 10.675 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-2-2.5-072024

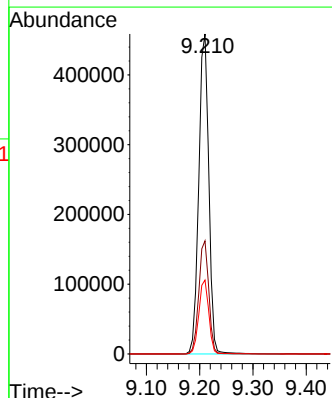
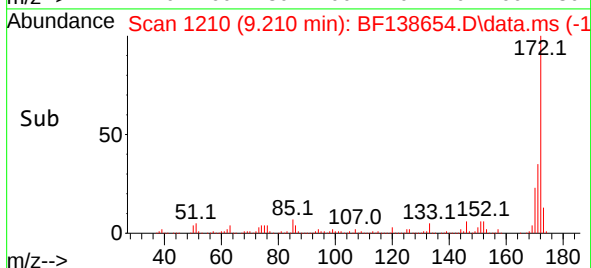
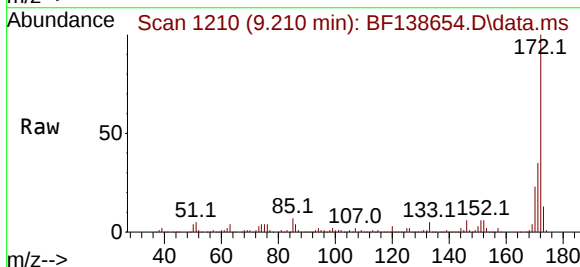


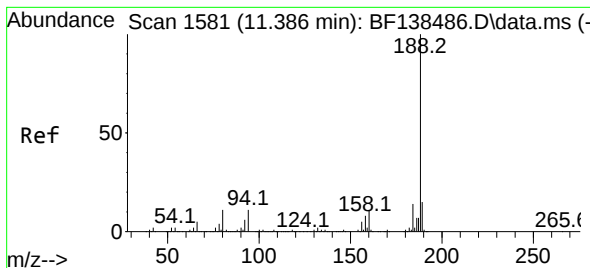
Tgt Ion: 330 Resp: 136006
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 34.7 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 55.431 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138654.D
Acq: 25 Jul 2024 15:49

Tgt Ion: 172 Resp: 597050
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138654.D

Acq: 25 Jul 2024 15:49

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-2-2.5-072024

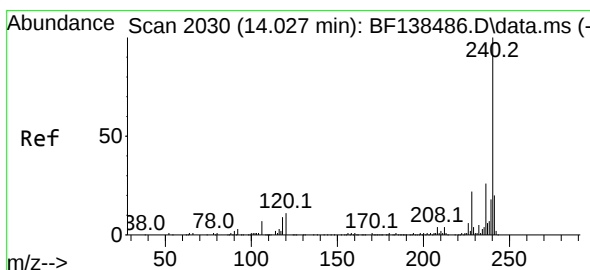
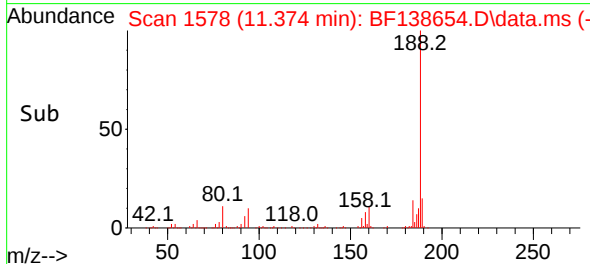
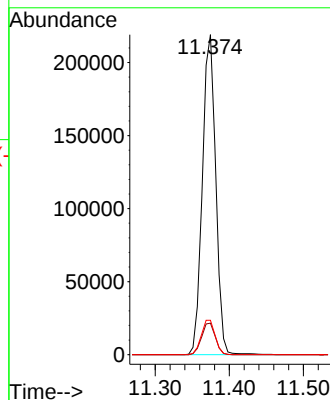
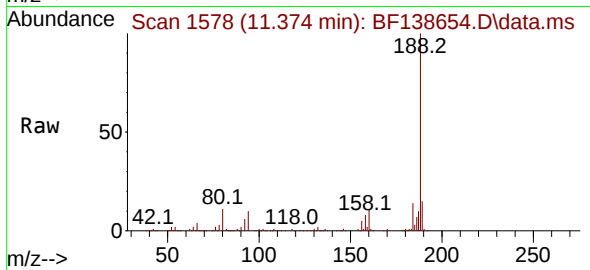
Tgt Ion:188 Resp: 275533

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.018 min

Lab File: BF138654.D

Acq: 25 Jul 2024 15:49

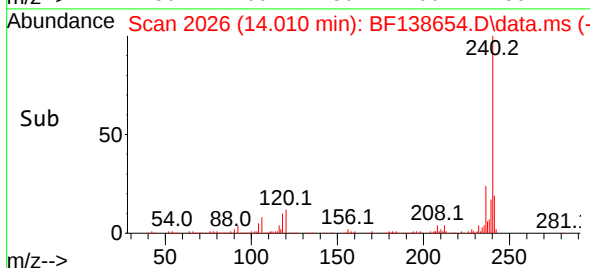
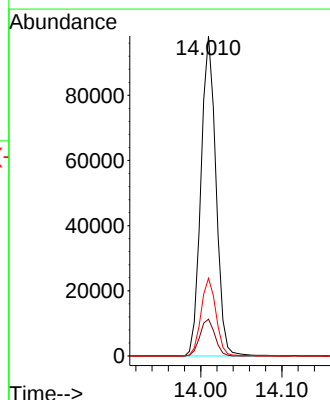
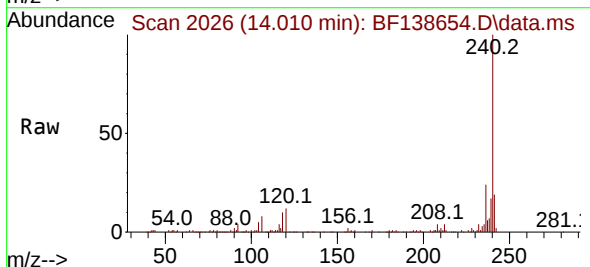
Tgt Ion:240 Resp: 126228

Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

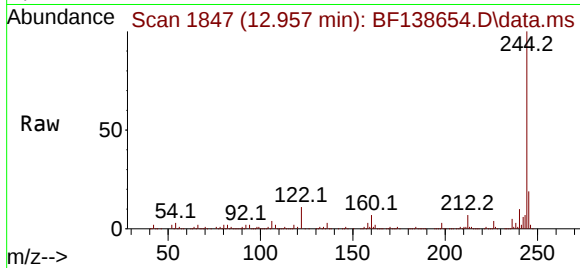
236 24.3 21.0 31.6



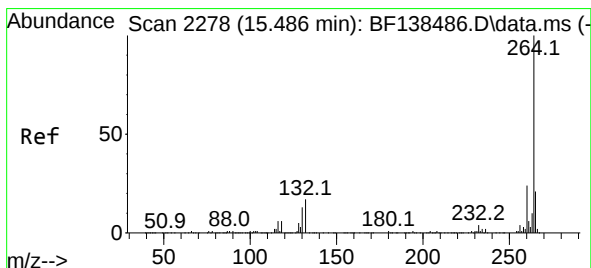
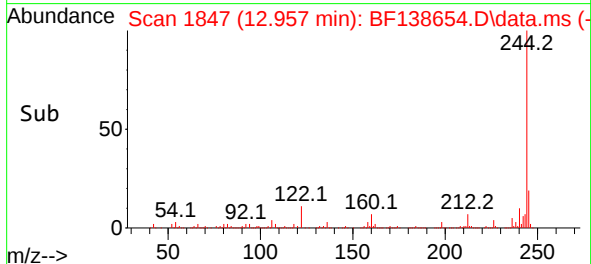
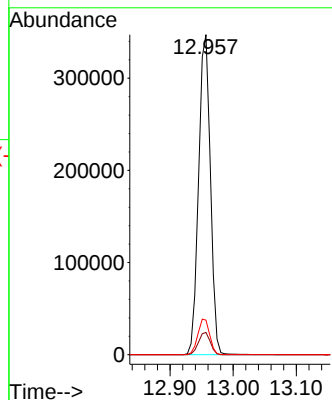


#79
 Terphenyl-d14
 Concen: 58.046 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.018 min
 Lab File: BF138654.D
 Acq: 25 Jul 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-2-2.5-072024



Tgt Ion:244 Resp: 449751
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138654.D
 Acq: 25 Jul 2024 15:49

Tgt Ion:264 Resp: 144468
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.2 17.0 25.4

