

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138655.D
 Acq On : 25 Jul 2024 16:19
 Operator : RC/JU
 Sample : P3357-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-3-3.5-072024

Quant Time: Jul 25 16:57:31 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	63279	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	259373	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	141467	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	230844	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	108045	20.000	ng	-0.02
86) Perylene-d12	15.474	264	121846	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	330658	82.758	ng	-0.01
7) Phenol-d6	6.487	99	443968	83.528	ng	-0.02
23) Nitrobenzene-d5	7.410	82	284560	53.865	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	106273	80.379	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	496534	54.856	ng	-0.02
79) Terphenyl-d14	12.951	244	412335	62.172	ng	-0.02

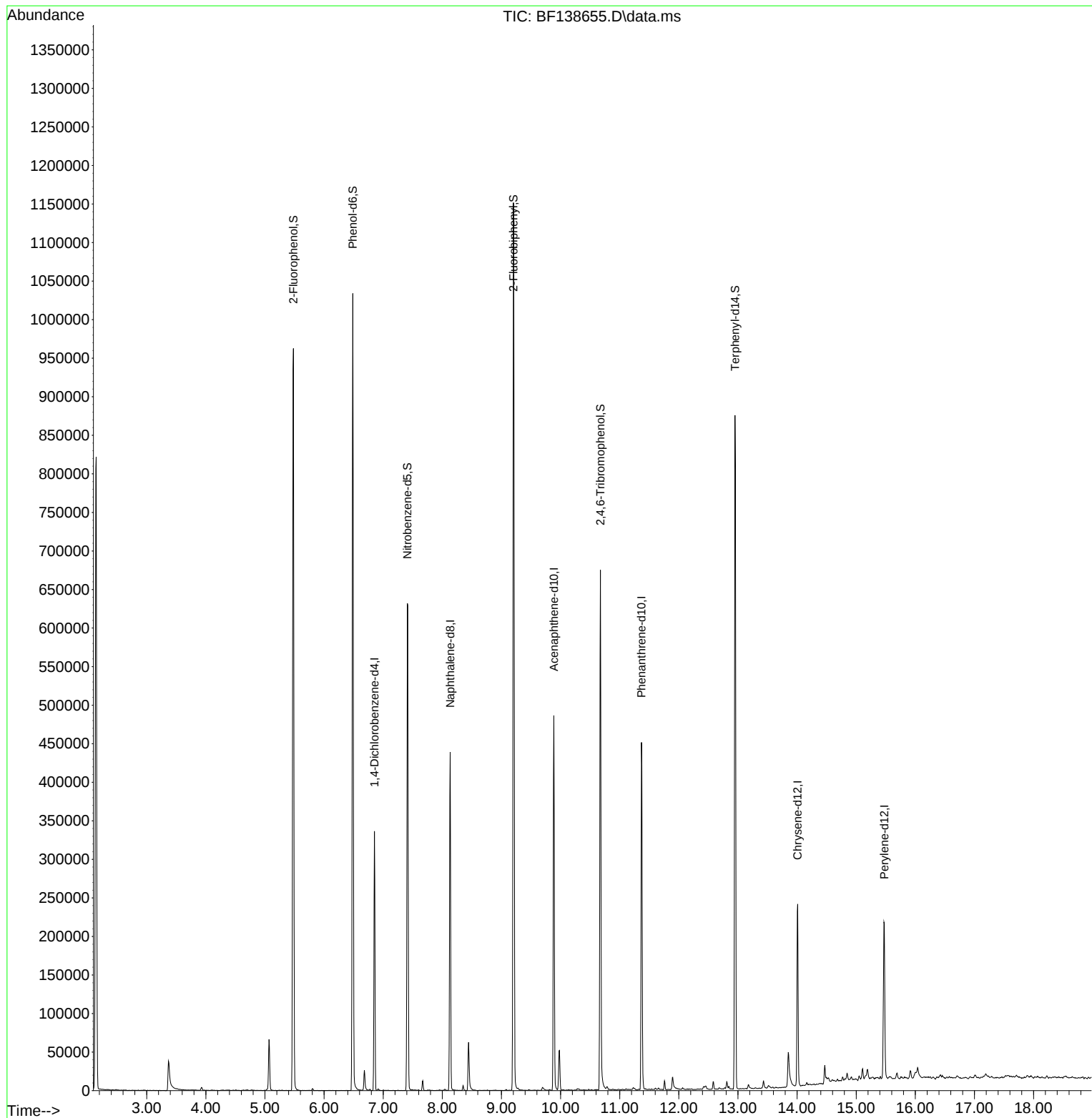
Target Compounds	Qvalue

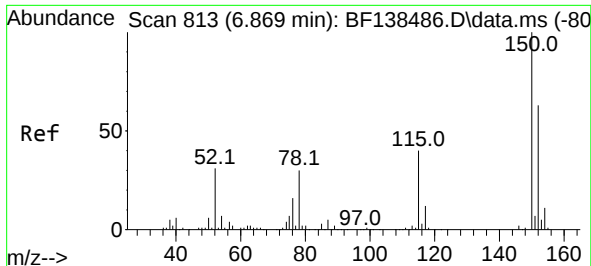
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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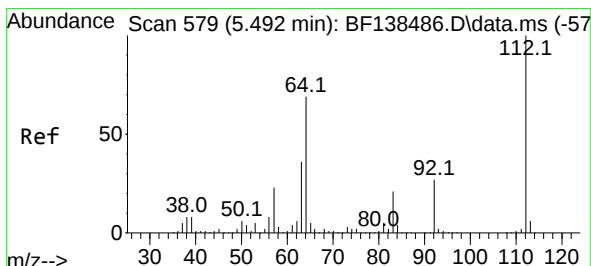
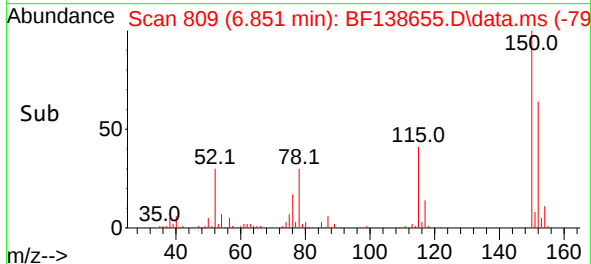
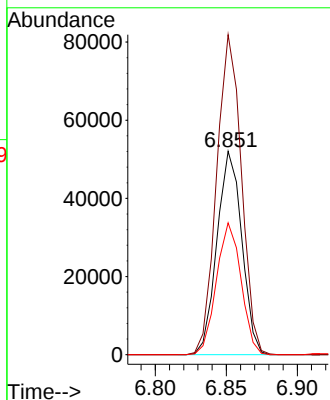
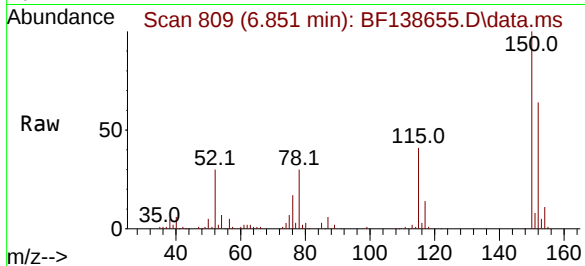




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

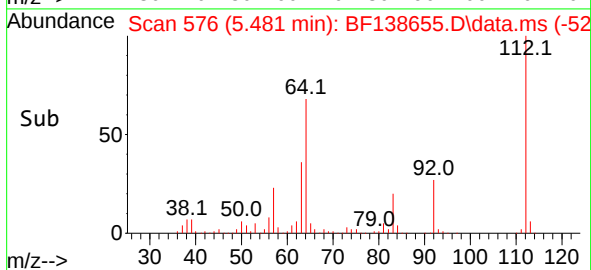
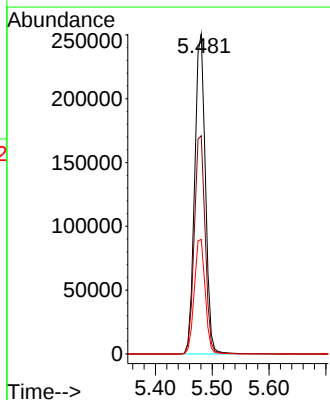
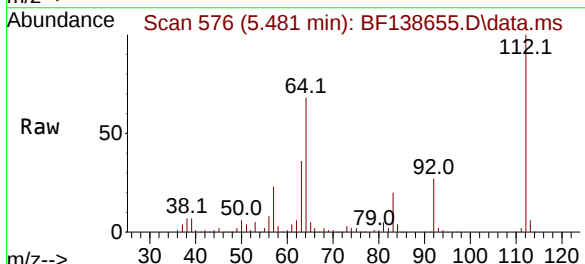
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-3-3.5-072024

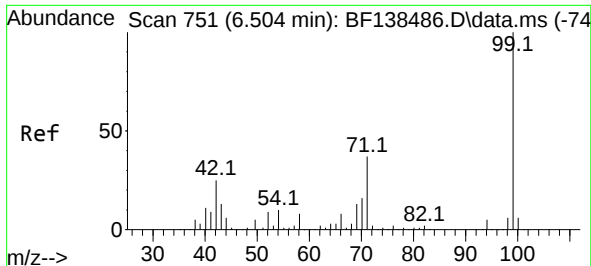
Tgt Ion:152 Resp: 63279
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 64.9 50.3 75.5



#5
2-Fluorophenol
Concen: 82.758 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion:112 Resp: 330658
Ion Ratio Lower Upper
112 100
64 68.2 55.1 82.7
63 35.8 29.0 43.6

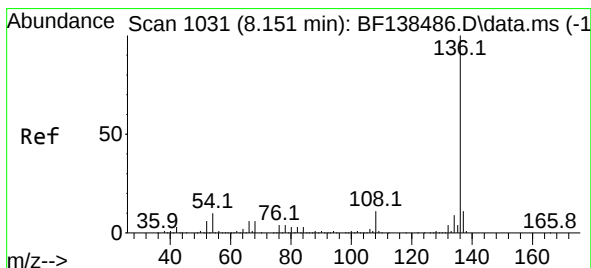
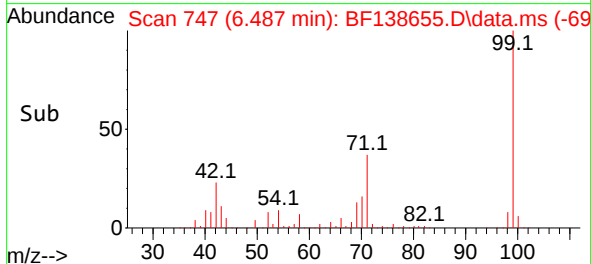
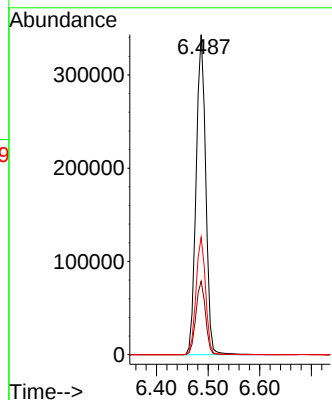
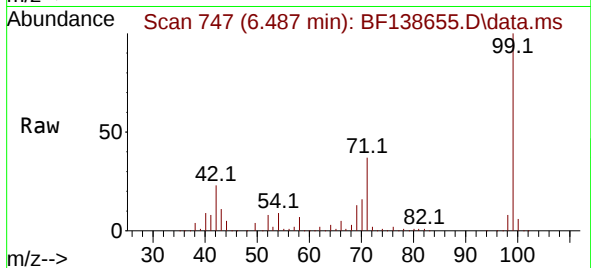




#7
Phenol-d6
Concen: 83.528 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

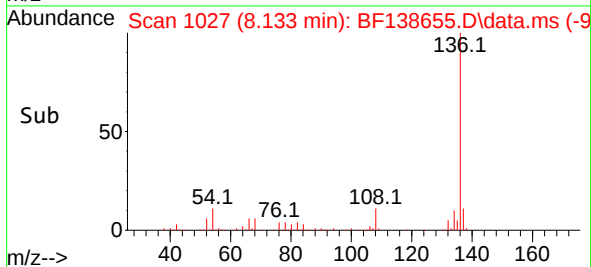
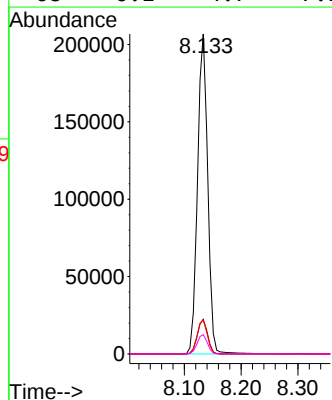
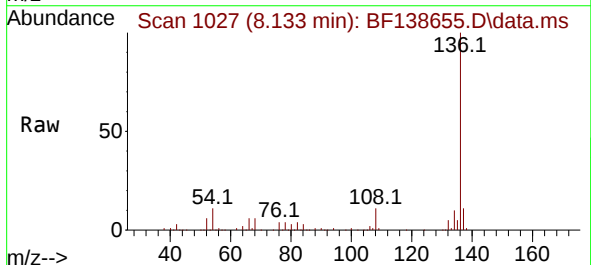
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-3-3.5-072024

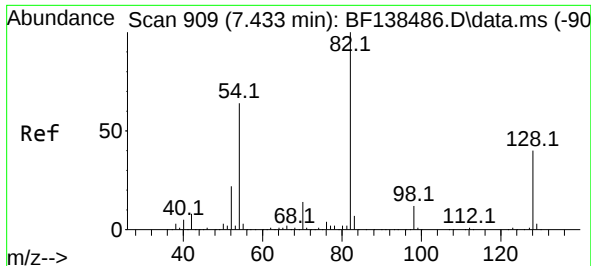
Tgt Ion: 99 Resp: 443968
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion: 136 Resp: 259373
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.6 8.1 12.1
68 6.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 53.865 ng

RT: 7.410 min Scan# 909

Delta R.T. -0.023 min

Lab File: BF138655.D

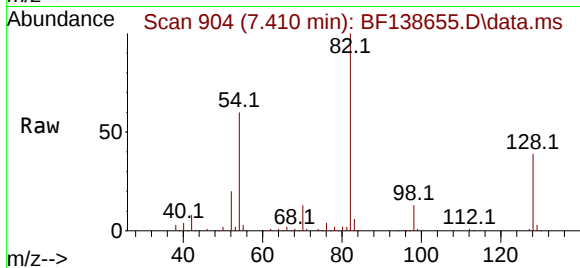
Acq: 25 Jul 2024 16:19

Instrument :

BNA_F

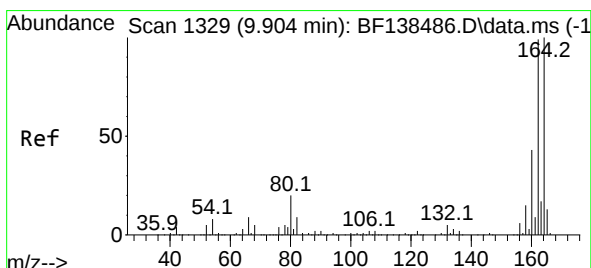
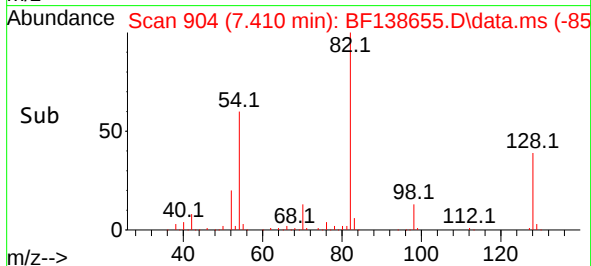
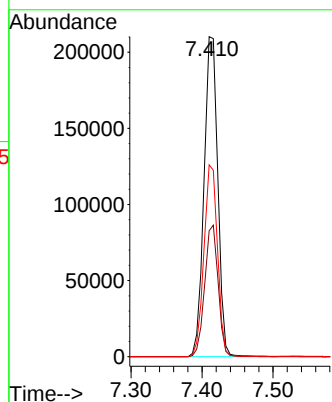
ClientSampleId :

S-857-J-SO-3-3.5-072024



Tgt Ion: 82 Resp: 284560

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.3	48.5
54	60.0	51.4	77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

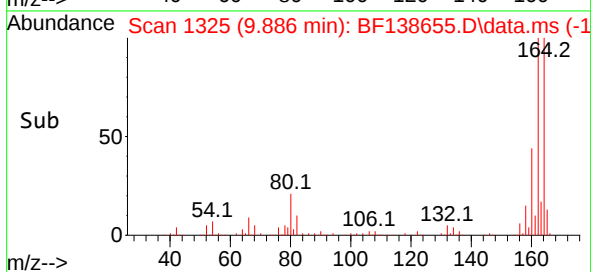
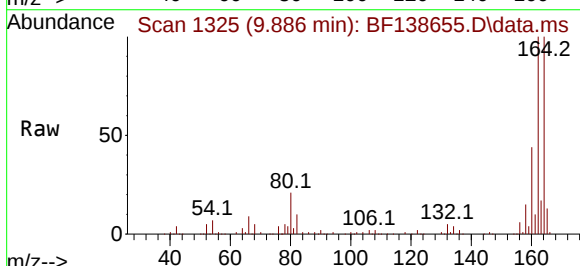
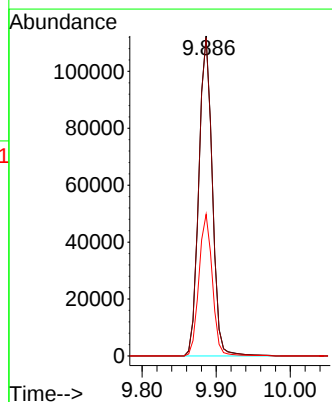
Delta R.T. -0.018 min

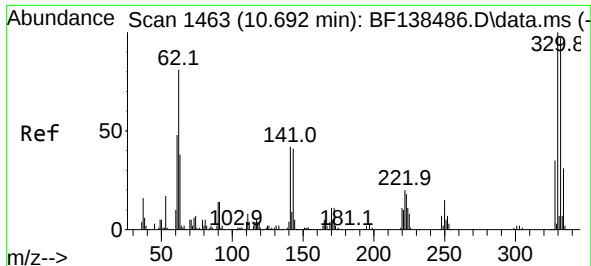
Lab File: BF138655.D

Acq: 25 Jul 2024 16:19

Tgt Ion: 164 Resp: 141467

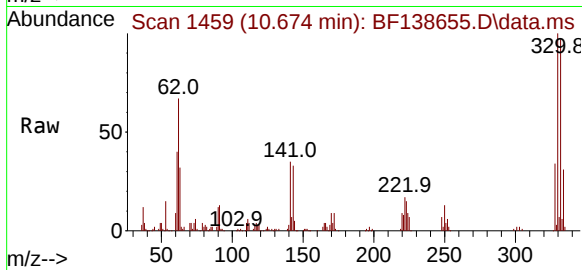
Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.0	118.6
160	44.3	34.4	51.6



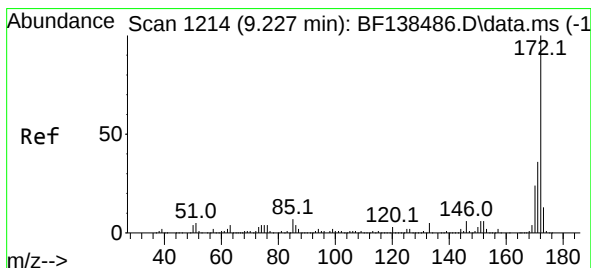
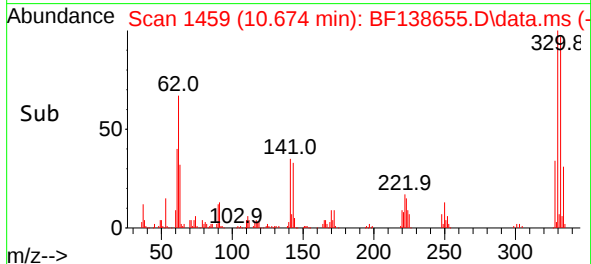
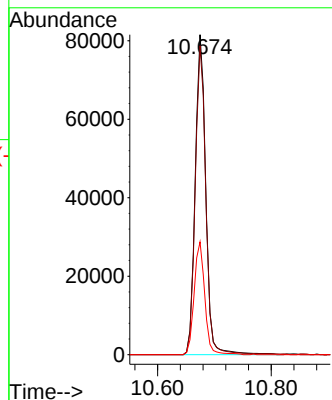


#42
2,4,6-Tribromophenol
Concen: 80.379 ng
RT: 10.674 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

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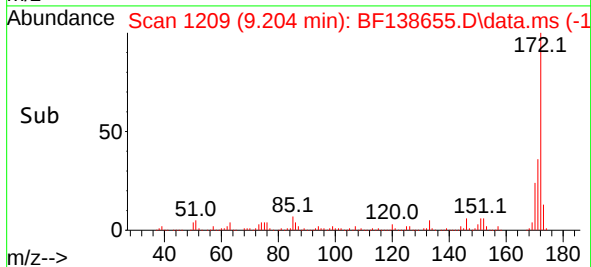
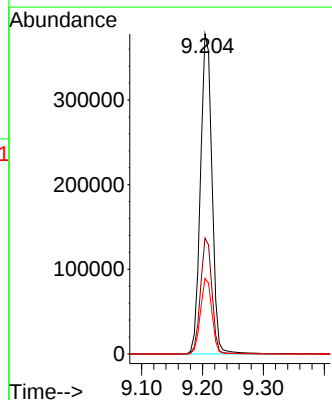
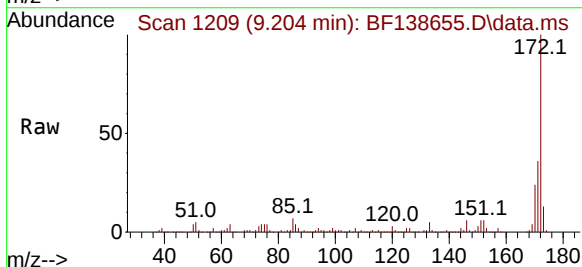


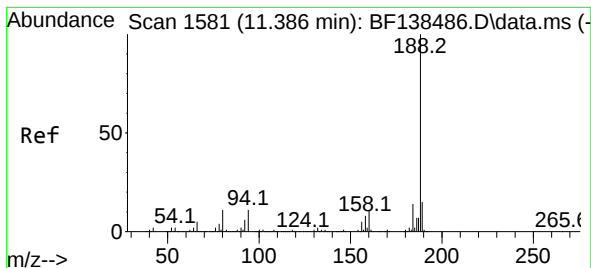
Tgt Ion:330 Resp: 106273
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 35.3 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 54.856 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.023 min
Lab File: BF138655.D
Acq: 25 Jul 2024 16:19

Tgt Ion:172 Resp: 496534
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138655.D

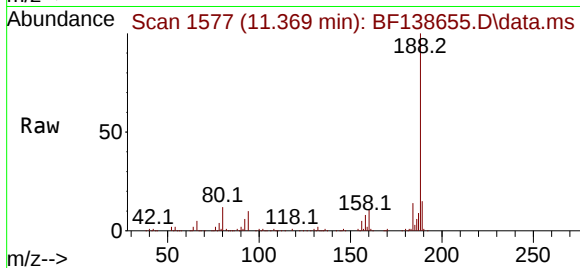
Acq: 25 Jul 2024 16:19

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-3-3.5-072024



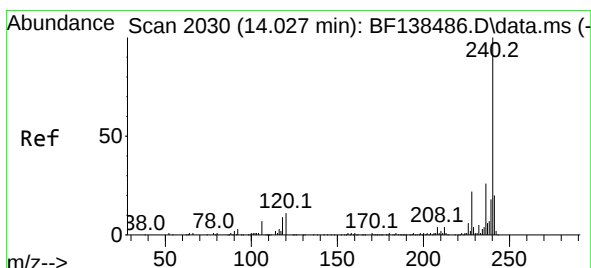
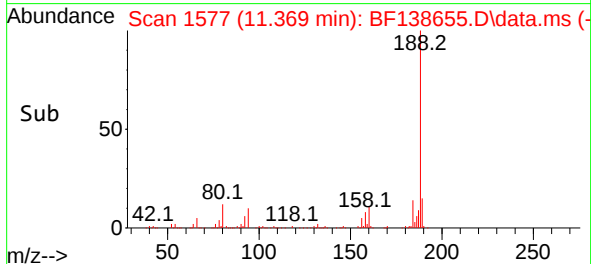
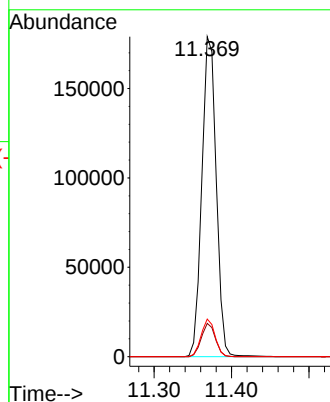
Tgt Ion:188 Resp: 230844

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 11.7 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: BF138655.D

Acq: 25 Jul 2024 16:19

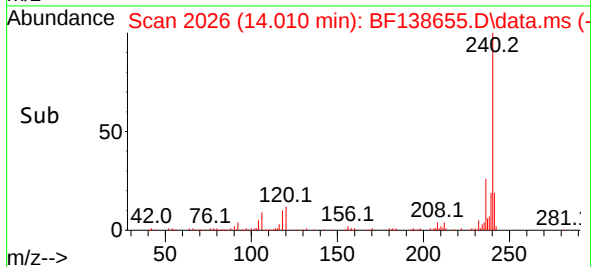
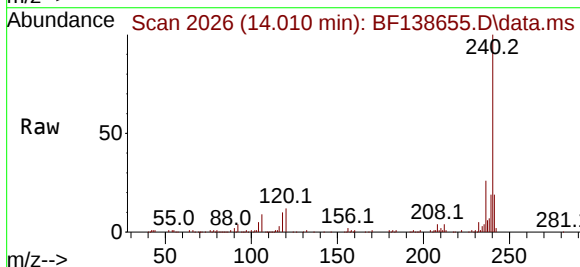
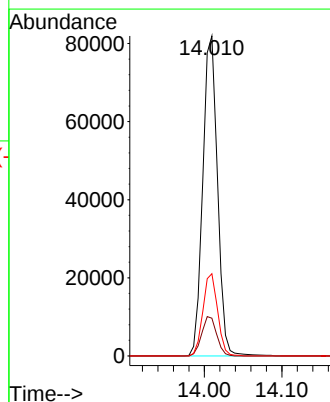
Tgt Ion:240 Resp: 108045

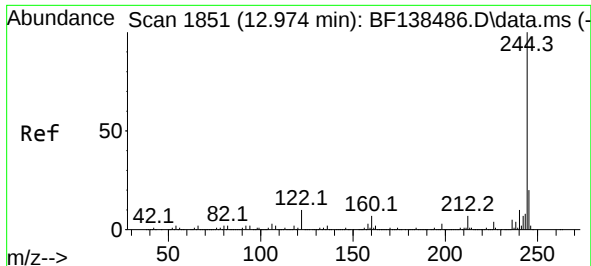
Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

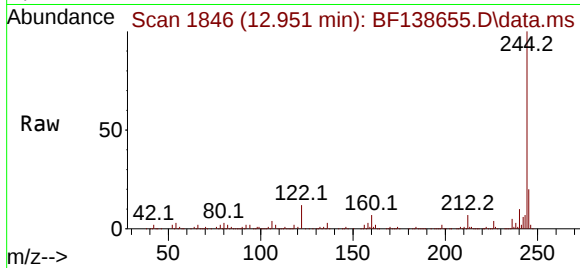
236 25.7 21.0 31.6



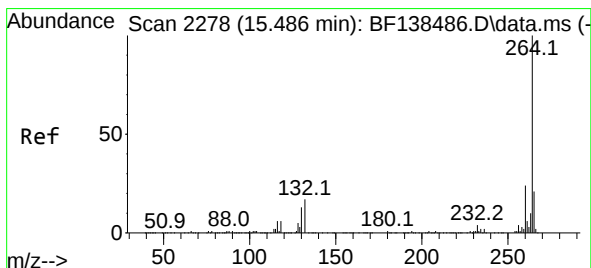
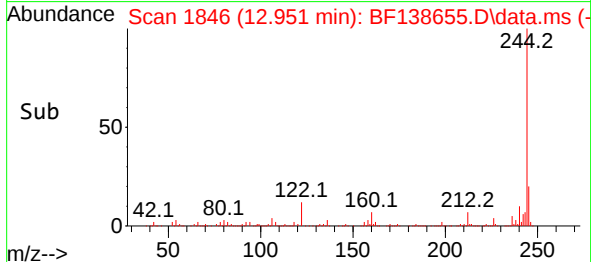
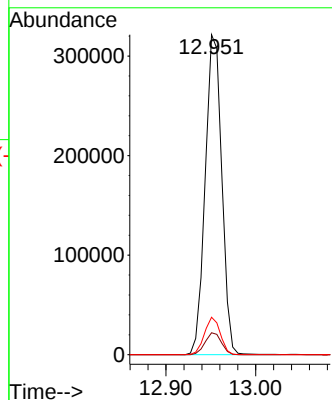


#79
 Terphenyl-d14
 Concen: 62.172 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. -0.023 min
 Lab File: BF138655.D
 Acq: 25 Jul 2024 16:19

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-3-3.5-072024



Tgt Ion:244 Resp: 412335
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.7 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: BF138655.D
 Acq: 25 Jul 2024 16:19

Tgt Ion:264 Resp: 121846
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.0 17.0 25.4

