

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138656.D
 Acq On : 25 Jul 2024 16:50
 Operator : RC/JU
 Sample : P3357-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-854-J-SO-2-2.5-072024

Quant Time: Jul 25 17:25:37 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	71947	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	297382	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	161671	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	253763	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	120063	20.000	ng	-0.02
86) Perylene-d12	15.468	264	139609	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	375752	82.714	ng	-0.01
7) Phenol-d6	6.487	99	516800	85.517	ng	-0.02
23) Nitrobenzene-d5	7.416	82	326911	53.973	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	117881	78.016	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	555672	53.718	ng	-0.02
79) Terphenyl-d14	12.951	244	434383	58.941	ng	-0.02

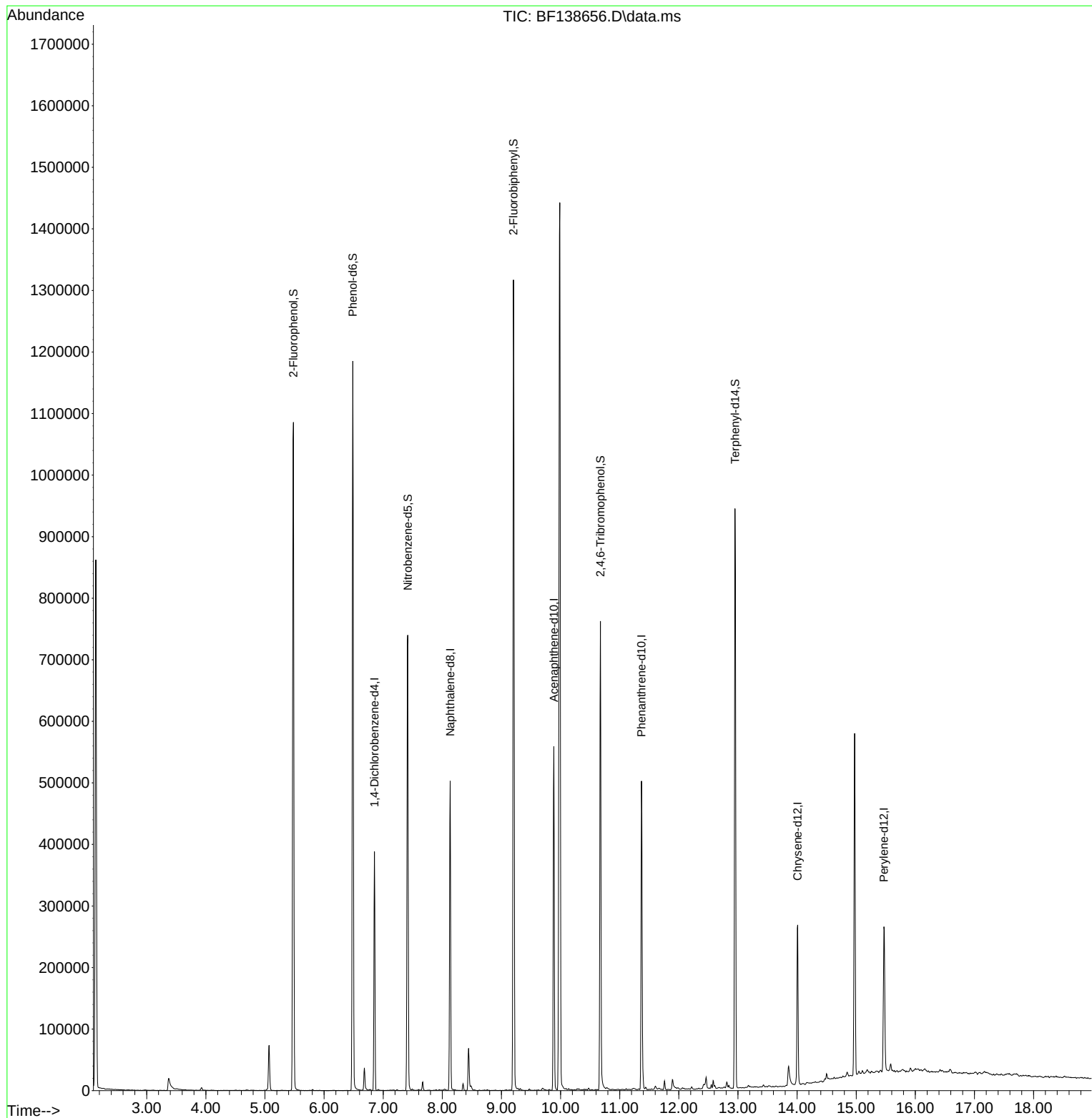
Target Compounds	Qvalue

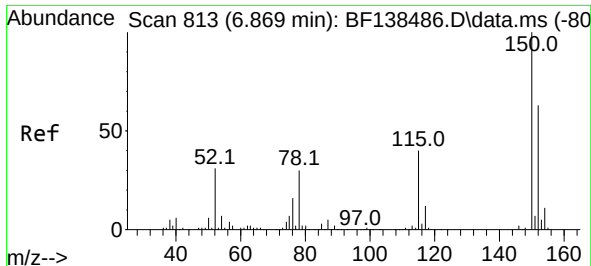
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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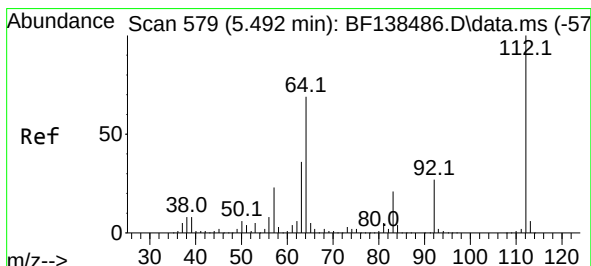
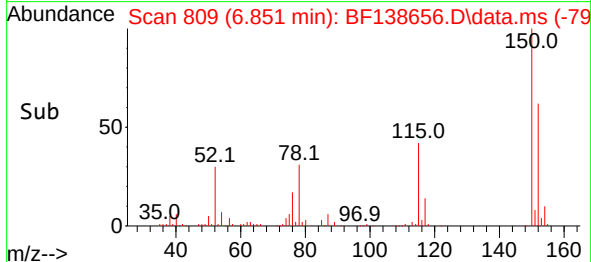
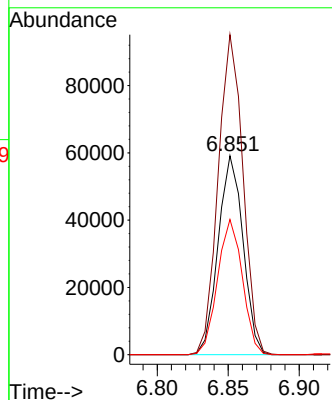
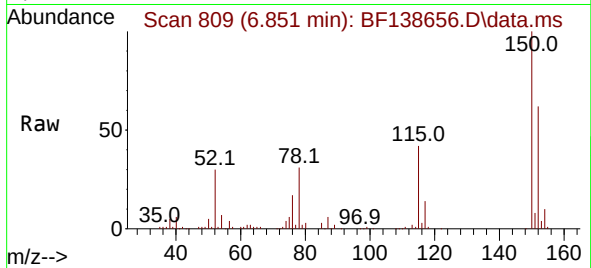




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

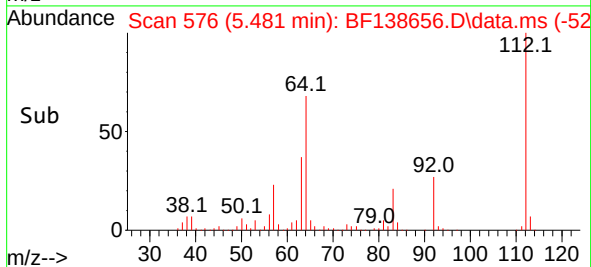
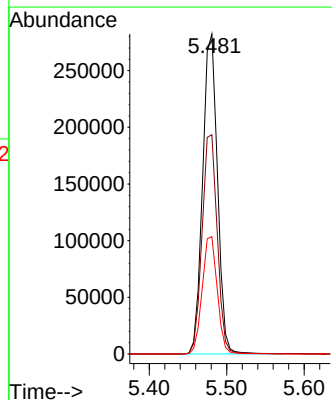
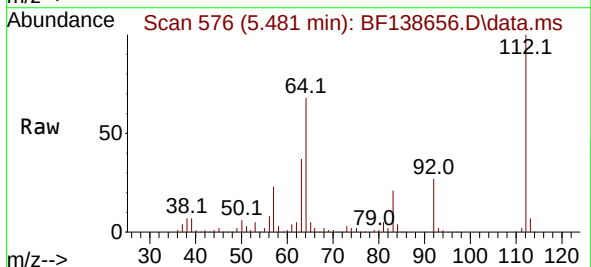
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

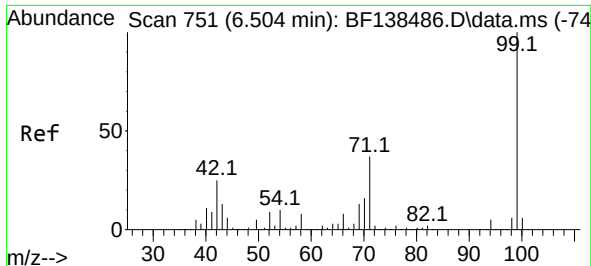
Tgt Ion:152 Resp: 71947
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.4
115 67.9 50.3 75.5



#5
2-Fluorophenol
Concen: 82.714 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion:112 Resp: 375752
Ion Ratio Lower Upper
112 100
64 68.5 55.1 82.7
63 36.7 29.0 43.6

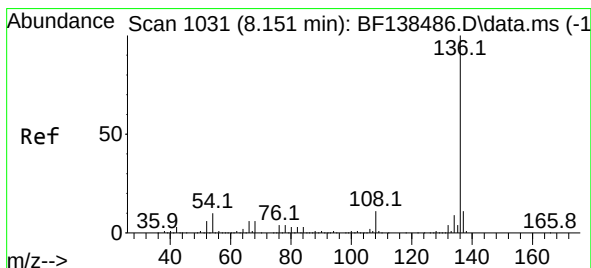
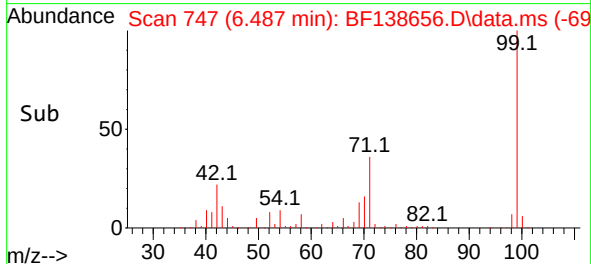
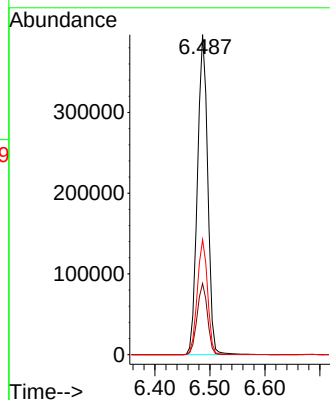
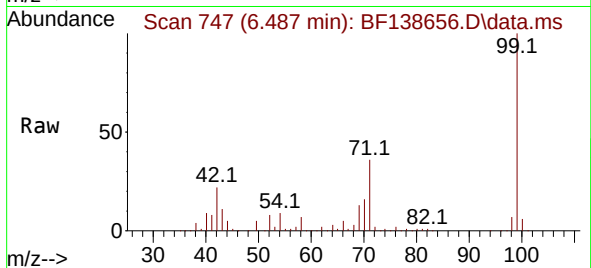




#7
Phenol-d6
Concen: 85.517 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

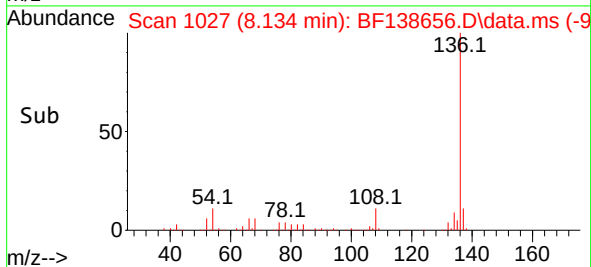
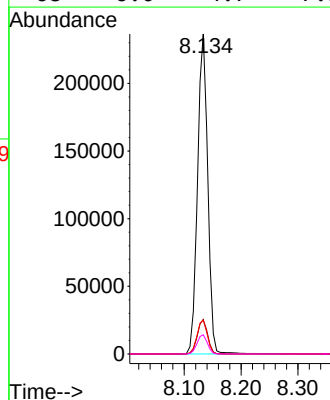
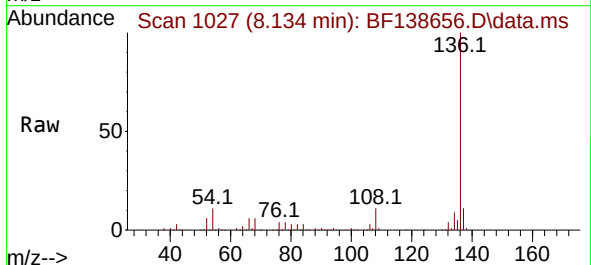
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

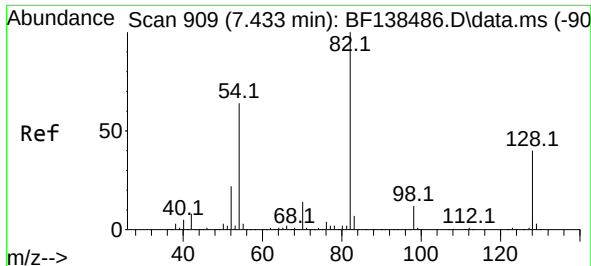
Tgt Ion: 99 Resp: 516800
Ion Ratio Lower Upper
99 100
42 22.2 19.7 29.5
71 35.9 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion: 136 Resp: 297382
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.6 8.1 12.1
68 6.0 4.7 7.1

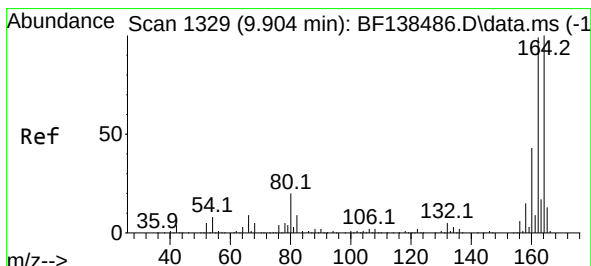
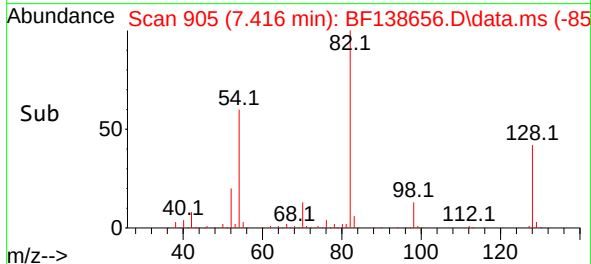
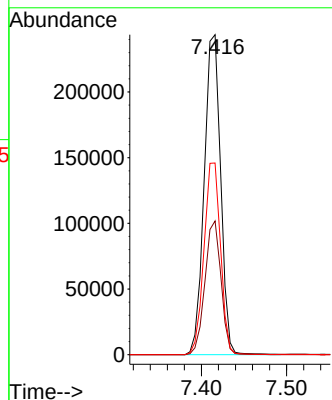
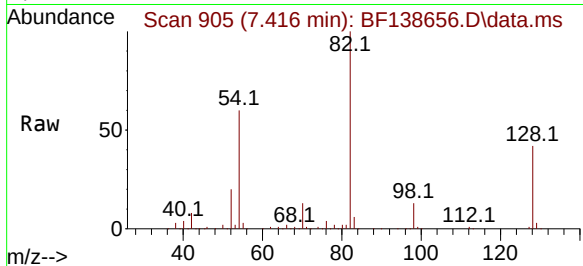




#23
Nitrobenzene-d5
Concen: 53.973 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

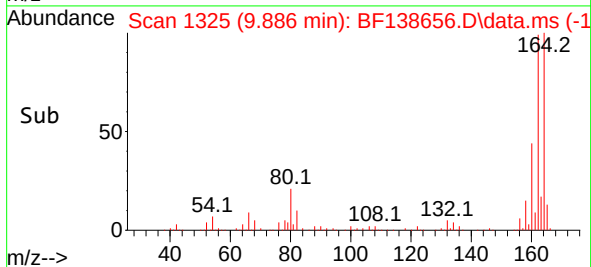
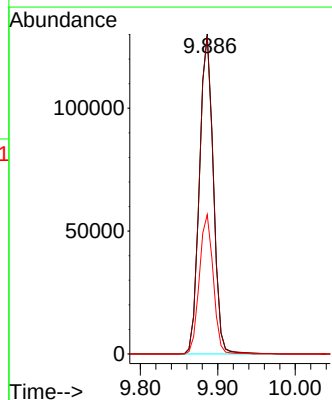
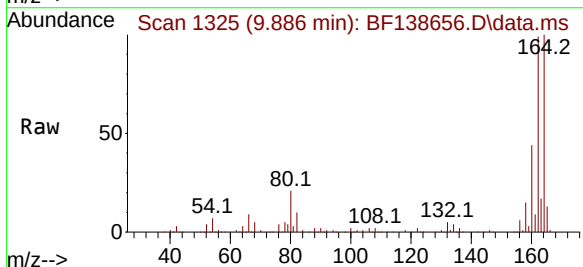
Instrument :
BNA_F
ClientSampleId :
S-854-J-SO-2-2.5-072024

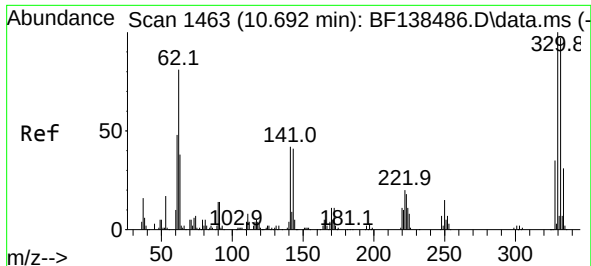
Tgt Ion: 82 Resp: 326911
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 59.9 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

Tgt Ion:164 Resp: 161671
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.6
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 78.016 ng

RT: 10.675 min Scan# 1463

Delta R.T. -0.018 min

Lab File: BF138656.D

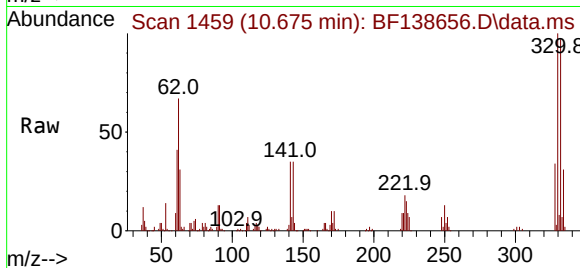
Acq: 25 Jul 2024 16:50

Instrument :

BNA_F

ClientSampleId :

S-854-J-SO-2-2.5-072024



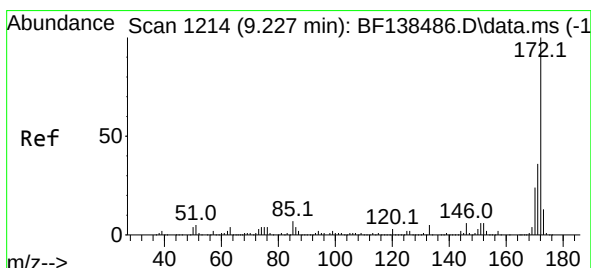
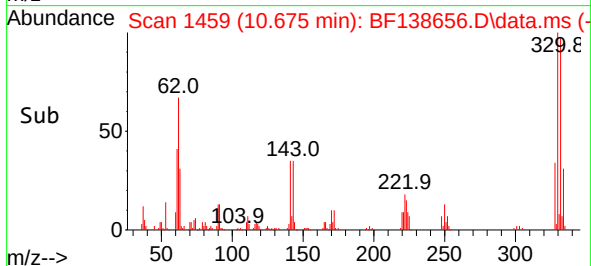
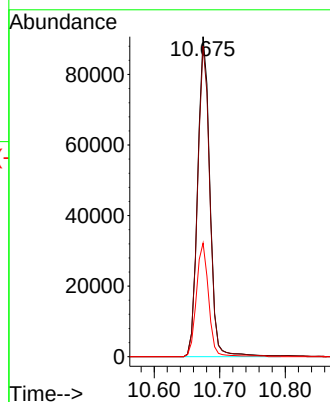
Tgt Ion:330 Resp: 117881

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 35.5 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 53.718 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.023 min

Lab File: BF138656.D

Acq: 25 Jul 2024 16:50

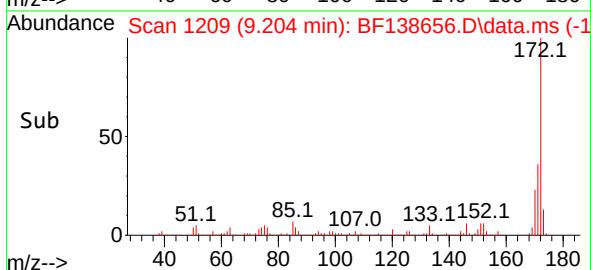
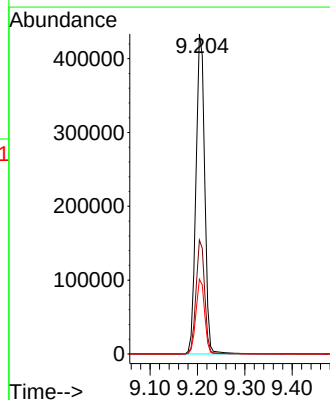
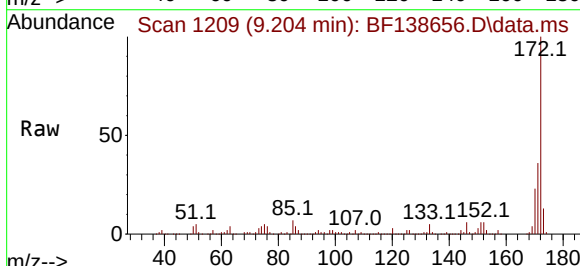
Tgt Ion:172 Resp: 555672

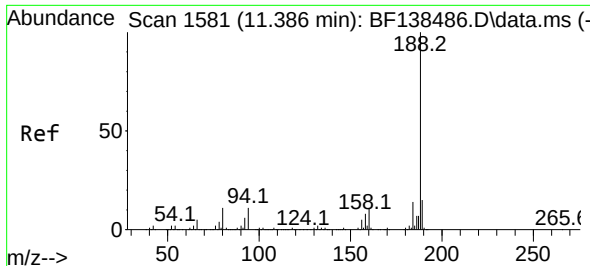
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.3 18.9 28.3

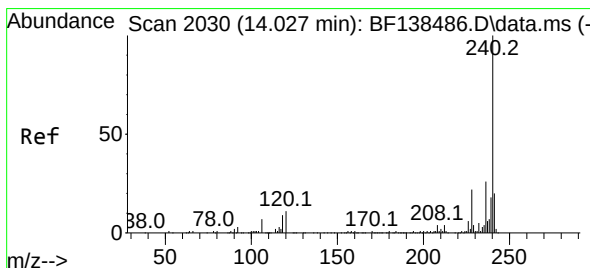
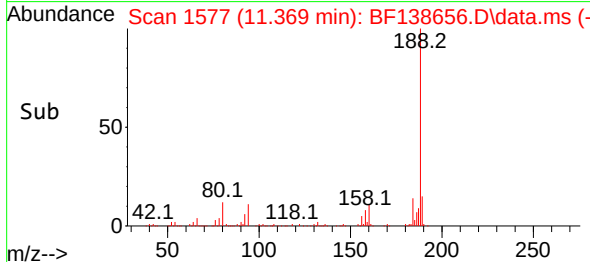
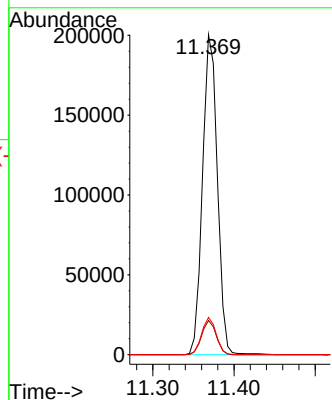
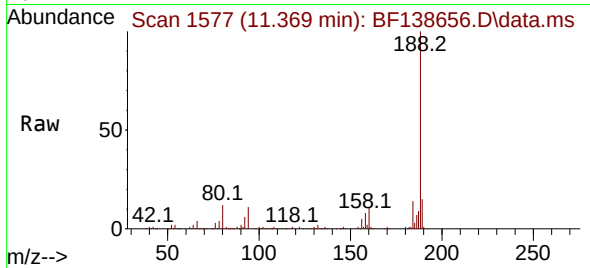




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

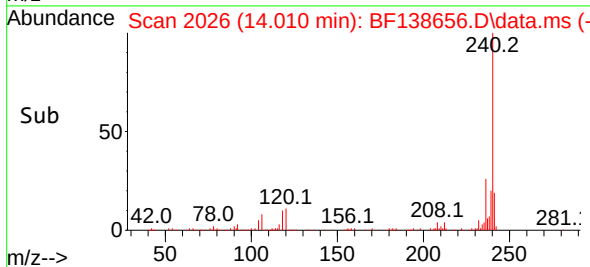
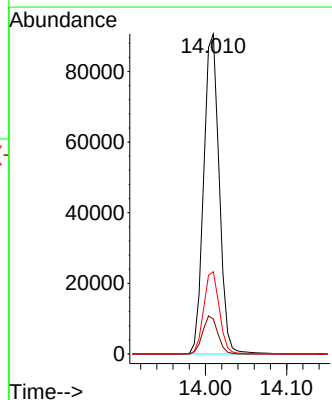
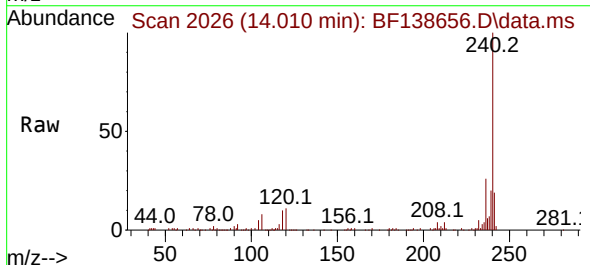
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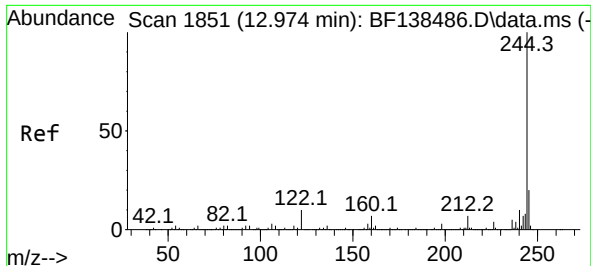
Tgt Ion:188 Resp: 253763
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138656.D
Acq: 25 Jul 2024 16:50

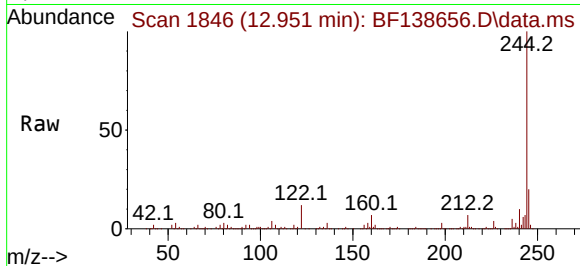
Tgt Ion:240 Resp: 120063
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.7 21.0 31.6



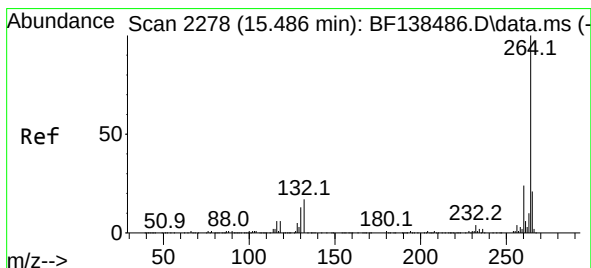
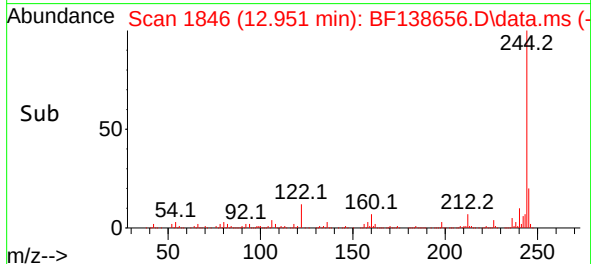
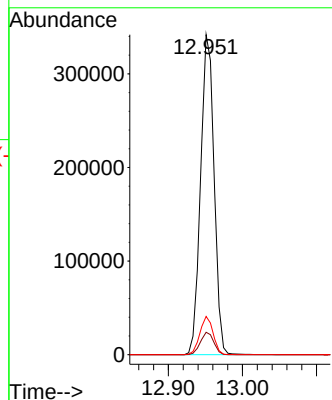


#79
 Terphenyl-d14
 Concen: 58.941 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF138656.D
 Acq: 25 Jul 2024 16:50

Instrument :
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Tgt Ion:244 Resp: 434383
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.9 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.018 min
 Lab File: BF138656.D
 Acq: 25 Jul 2024 16:50

Tgt Ion:264 Resp: 139609
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.1 17.0 25.4

