

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138671.D
 Acq On : 29 Jul 2024 16:11
 Operator : RC/JU
 Sample : P3393-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624

Quant Time: Jul 29 16:35:03 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)

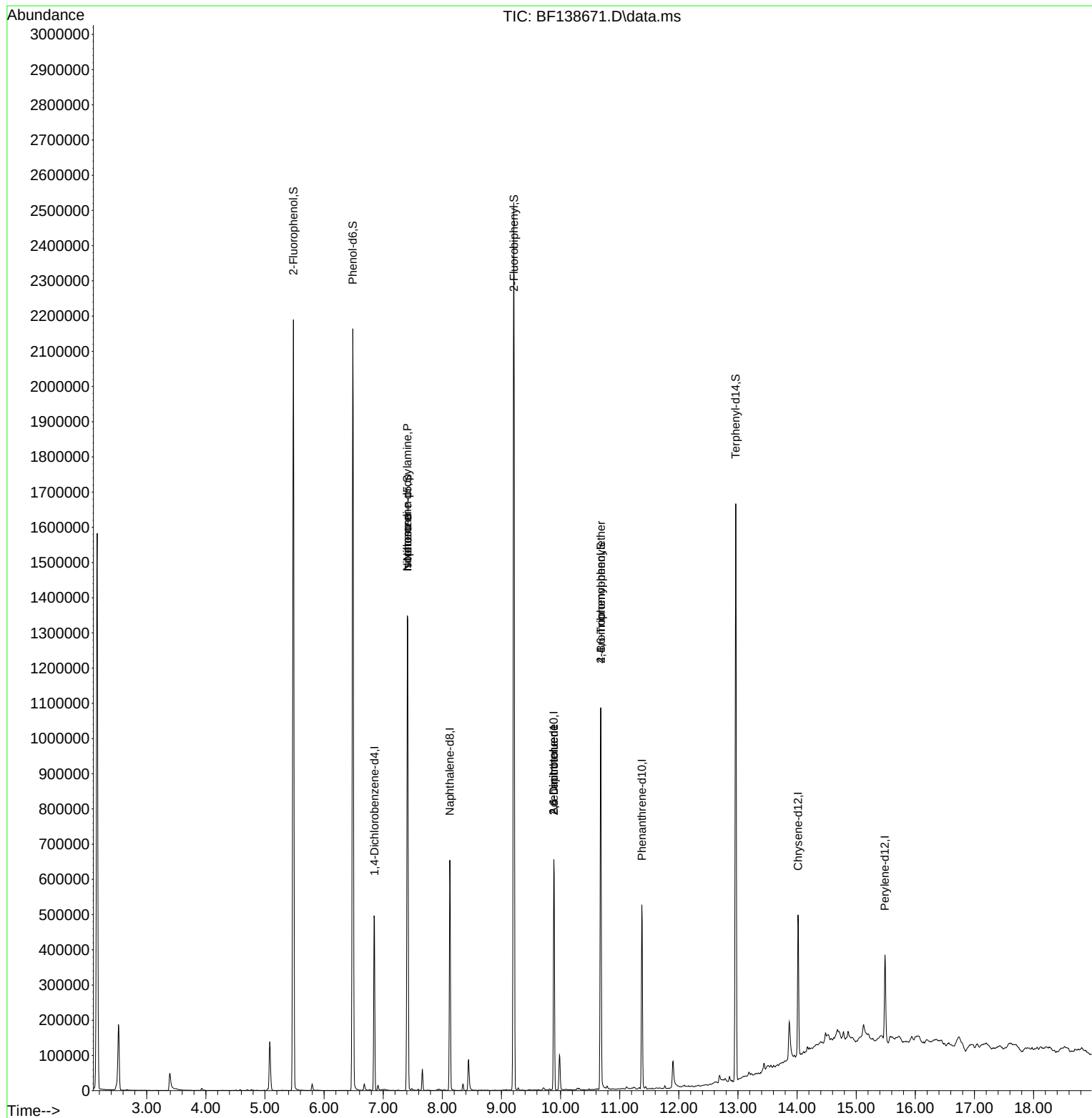
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	100902	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	387638	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	192030	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	264937	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	183739	20.000	ng	-0.01
86) Perylene-d12	15.486	264	137338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	759512	119.213	ng	-0.01
7) Phenol-d6	6.486	99	1027766	121.265	ng	-0.02
23) Nitrobenzene-d5	7.410	82	638981	80.932	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	170927	95.239	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1060367	86.302	ng	-0.02
79) Terphenyl-d14	12.963	244	772977	68.536	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	85117	16.253	ng	# 73
25) Isophorone	7.410	82	638977	47.127	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	24331	8.510	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	24331	6.577	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	10835	3.979	ng	# 1

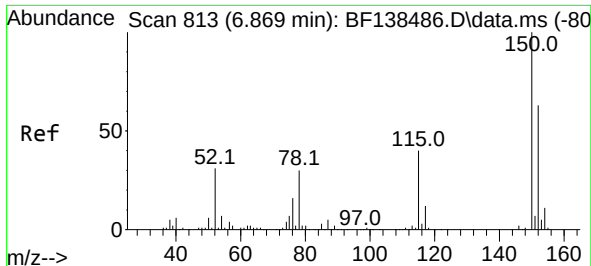
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
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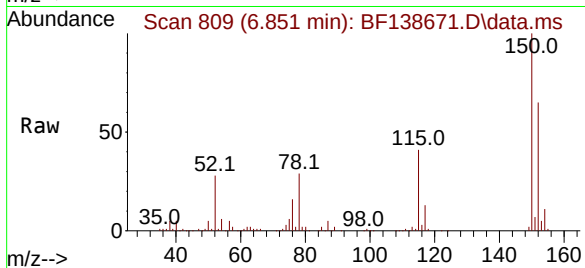
Quant Time: Jul 29 16:35:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
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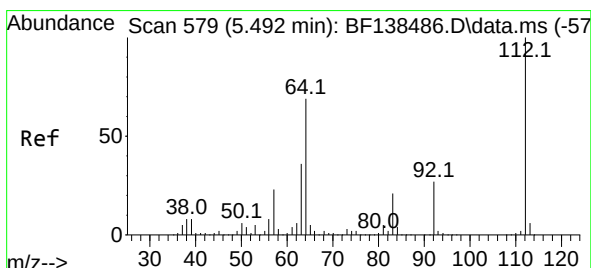
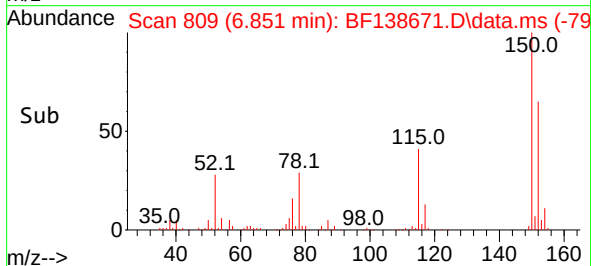
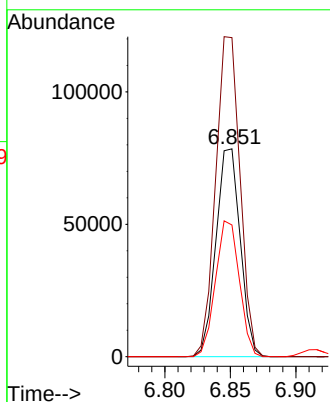


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

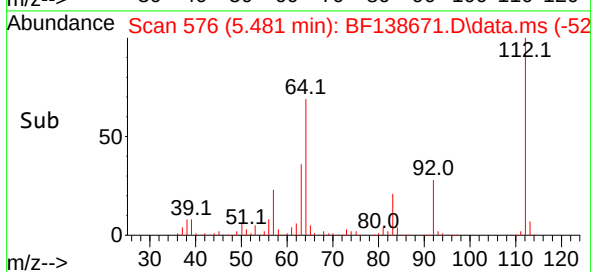
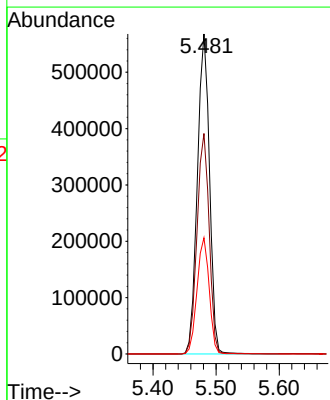
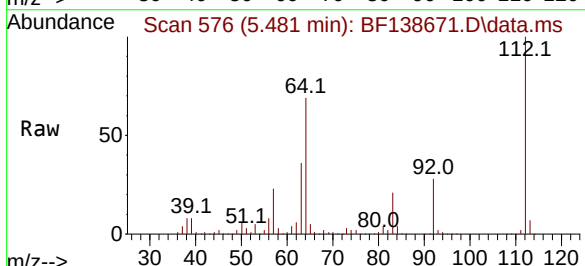


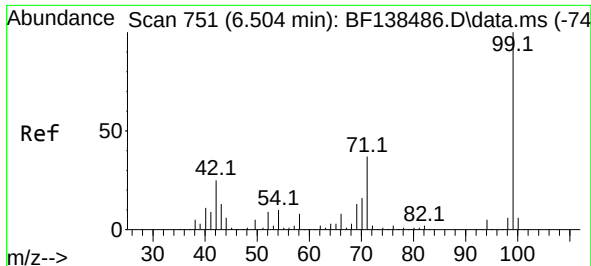
Tgt Ion:152 Resp: 100902
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 63.3 50.3 75.5



#5
2-Fluorophenol
Concen: 119.213 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion:112 Resp: 759512
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 36.3 29.0 43.6

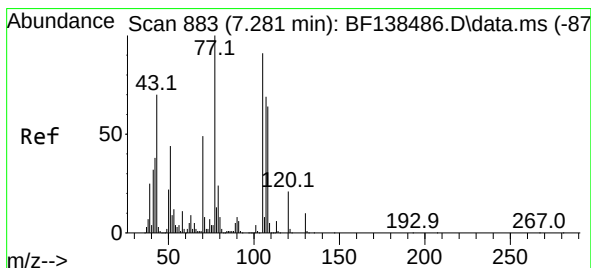
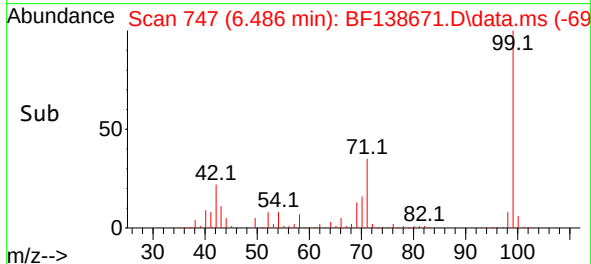
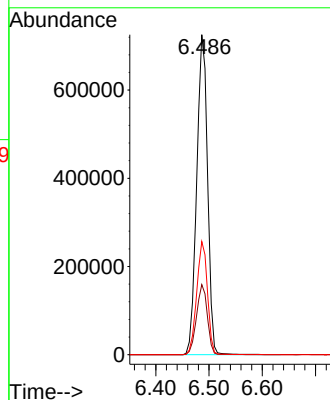
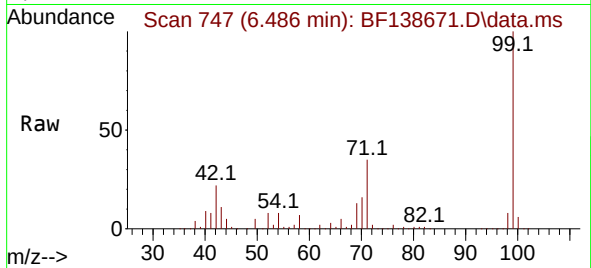




#7
Phenol-d6
Concen: 121.265 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

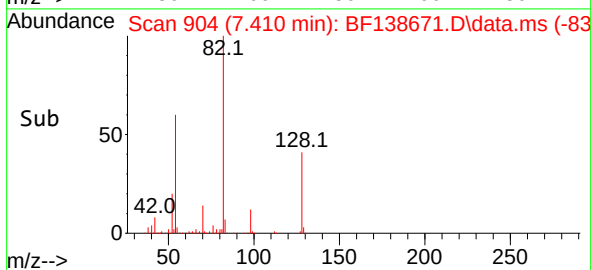
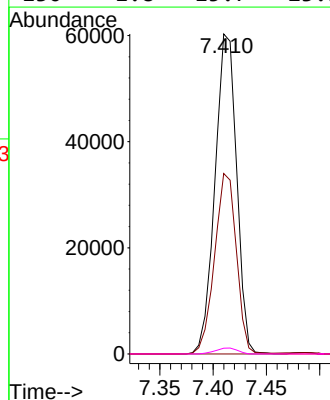
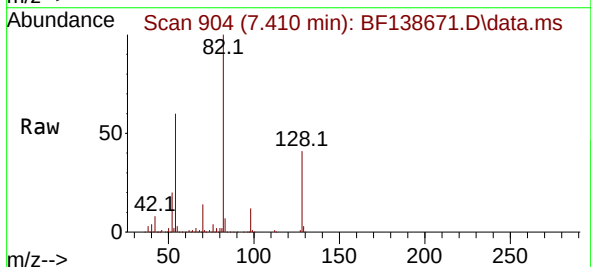
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

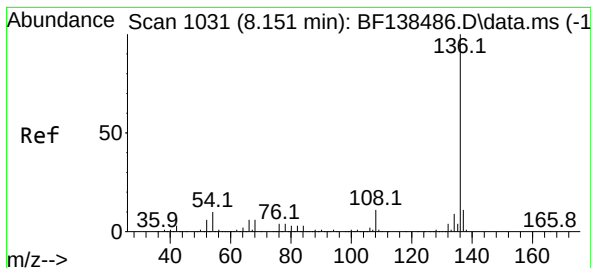
Tgt Ion: 99 Resp: 1027766
Ion Ratio Lower Upper
99 100
42 21.9 19.7 29.5
71 35.3 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.253 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion: 70 Resp: 85117
Ion Ratio Lower Upper
70 100
42 56.4 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.024 min

Lab File: BF138671.D

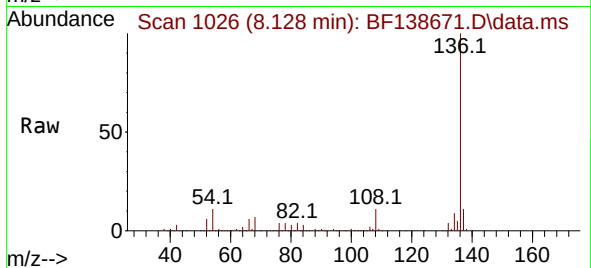
Acq: 29 Jul 2024 16:11

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624



Tgt Ion:136 Resp: 387638

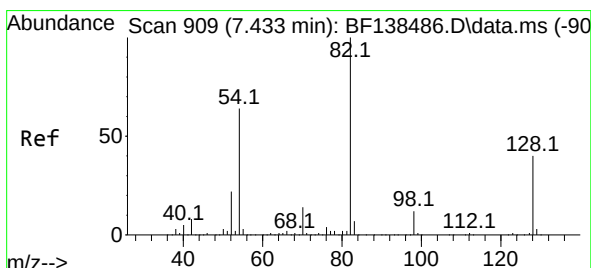
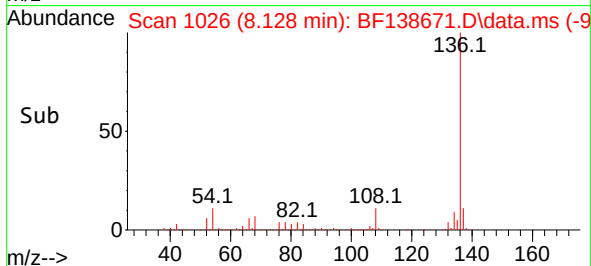
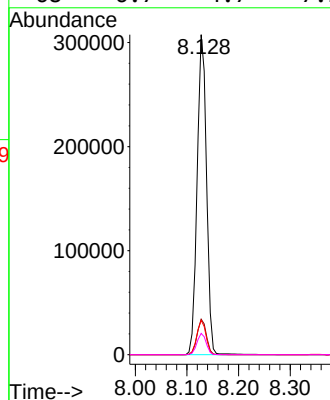
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.8 8.1 12.1

68 6.7 4.7 7.1



#23

Nitrobenzene-d5

Concen: 80.932 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.024 min

Lab File: BF138671.D

Acq: 29 Jul 2024 16:11

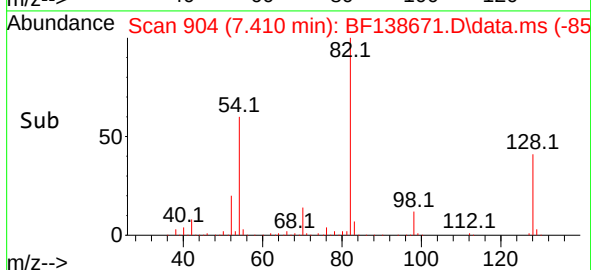
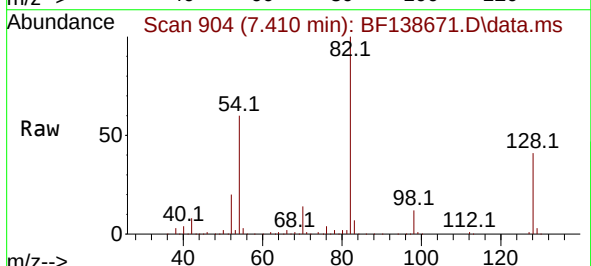
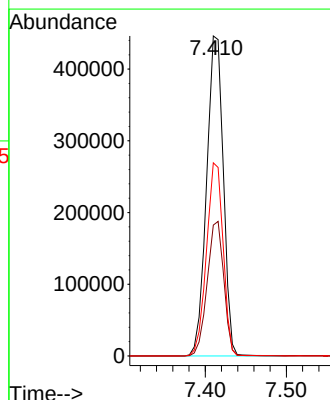
Tgt Ion: 82 Resp: 638981

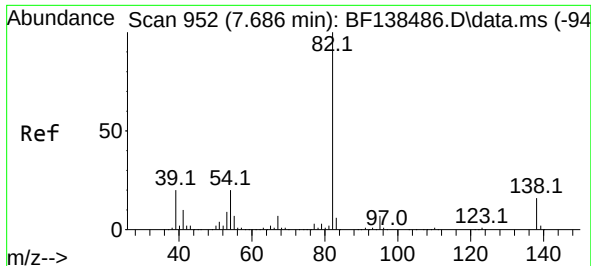
Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

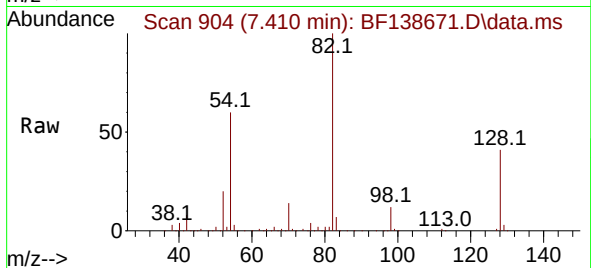
54 60.4 51.4 77.0



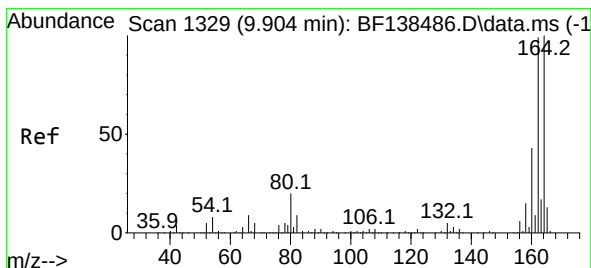
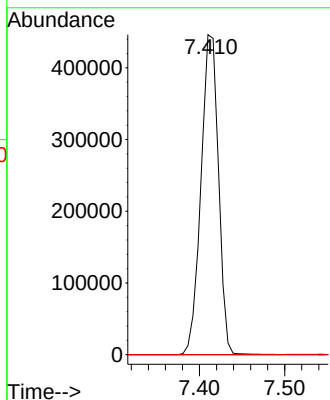
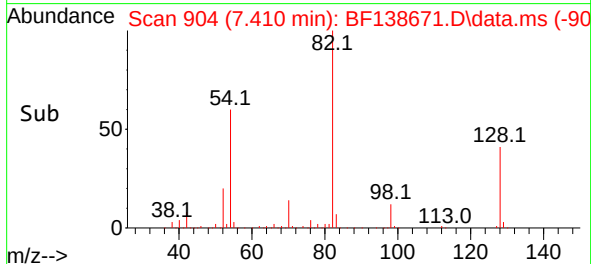


#25
Isophorone
Concen: 47.127 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

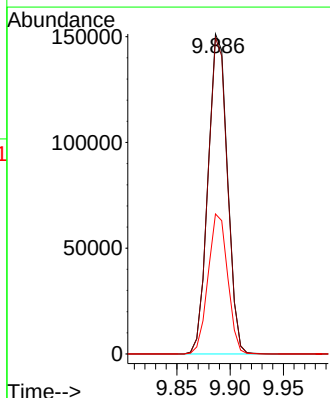
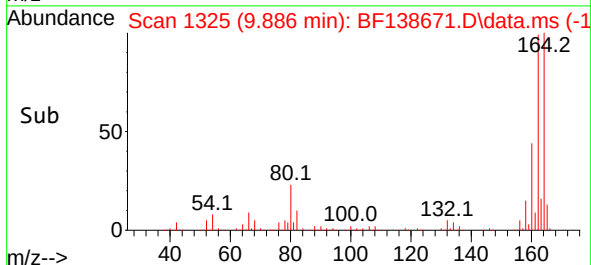
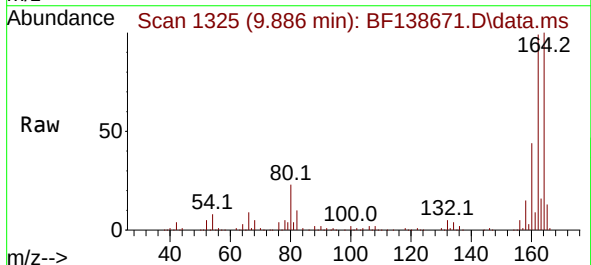


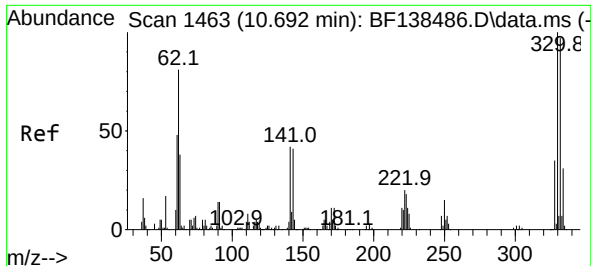
Tgt Ion: 82 Resp: 638977
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

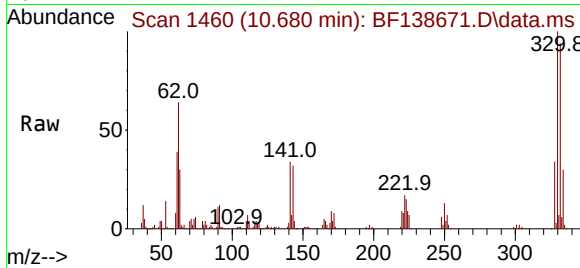
Tgt Ion: 164 Resp: 192030
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 43.7 34.4 51.6



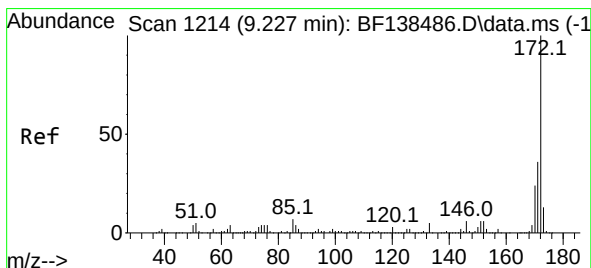
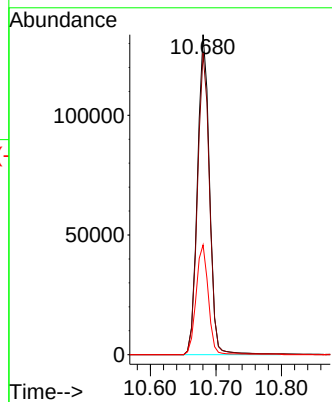
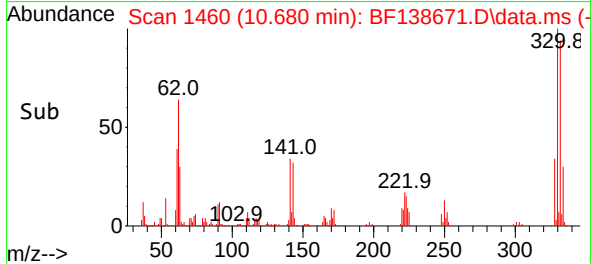


#42
2,4,6-Tribromophenol
Concen: 95.239 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

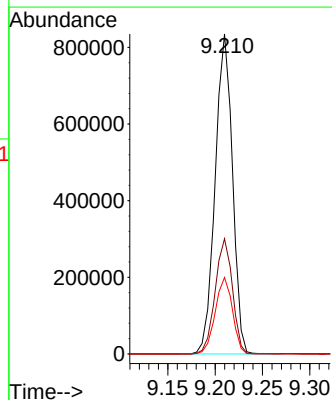
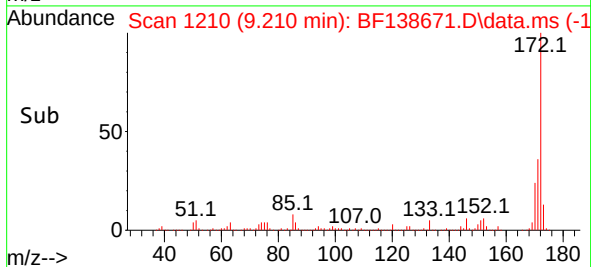
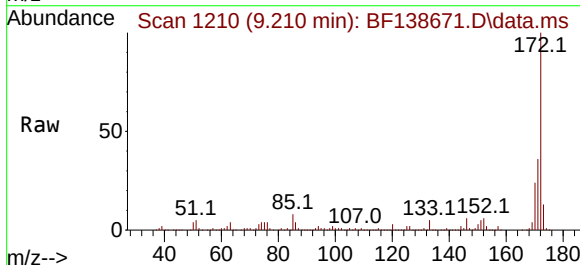


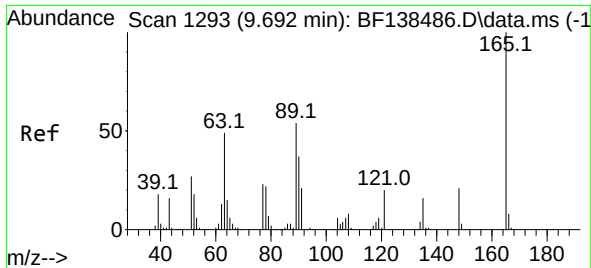
Tgt Ion:330 Resp: 170927
Ion Ratio Lower Upper
330 100
332 94.8 76.8 115.2
141 34.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 86.302 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion:172 Resp: 1060367
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.9 18.9 28.3

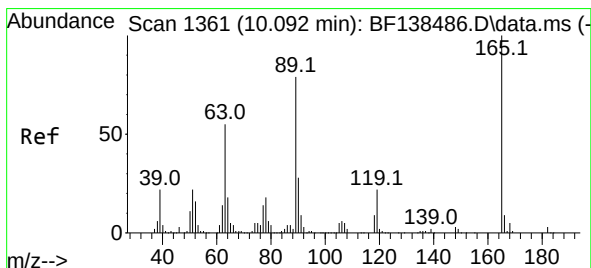
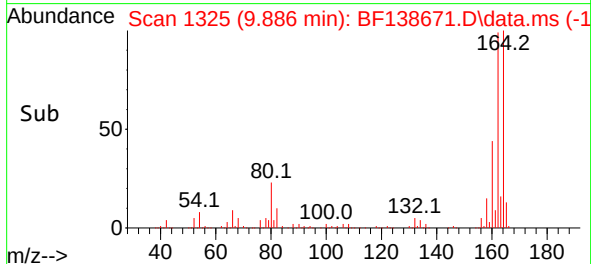
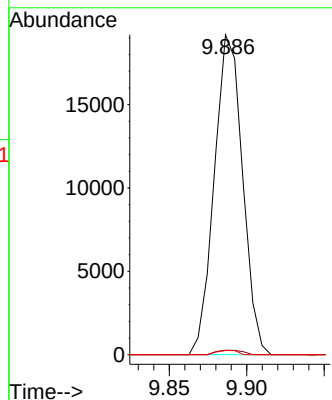
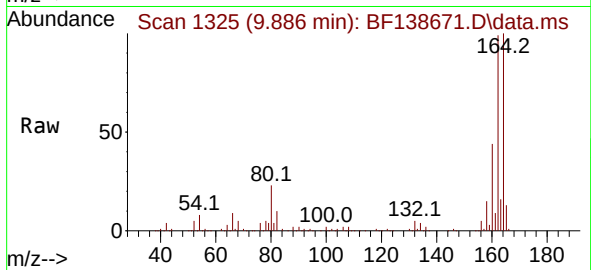




#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

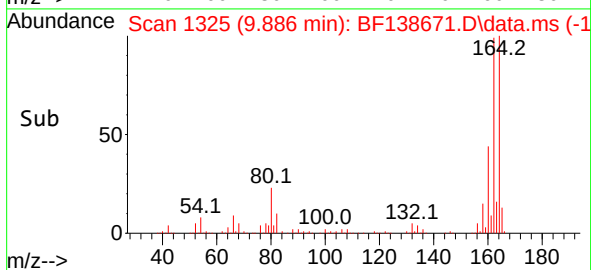
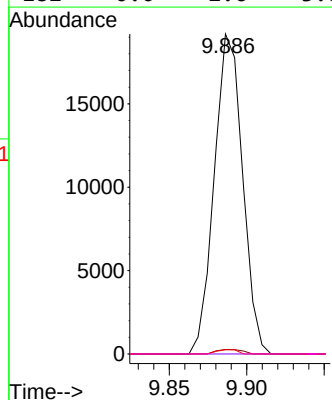
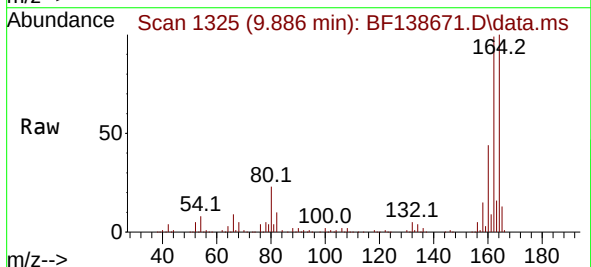
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

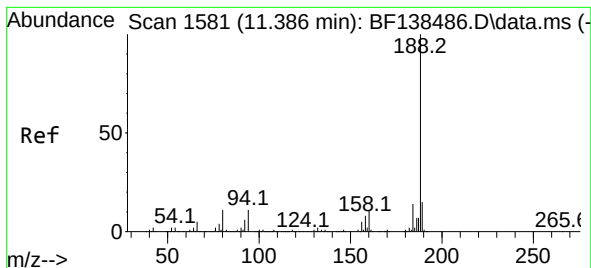
Tgt Ion:165 Resp: 24331
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.3 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.577 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion:165 Resp: 24331
Ion Ratio Lower Upper
165 100
63 1.4 44.6 66.8#
89 1.3 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138671.D

Acq: 29 Jul 2024 16:11

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624

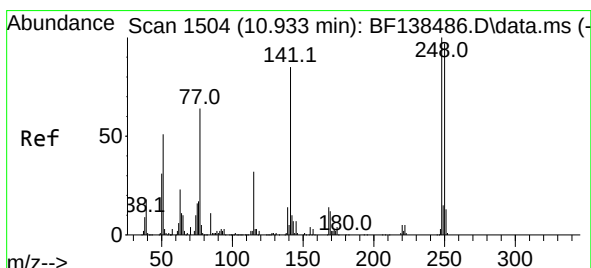
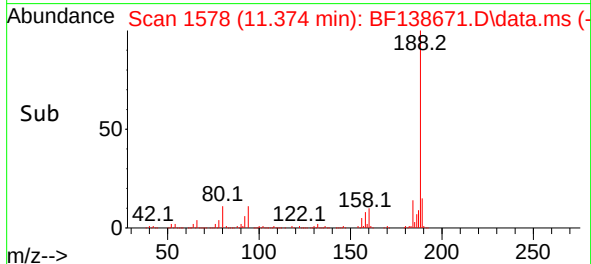
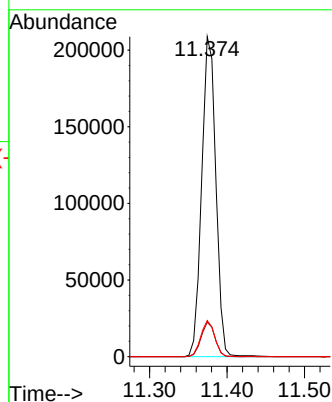
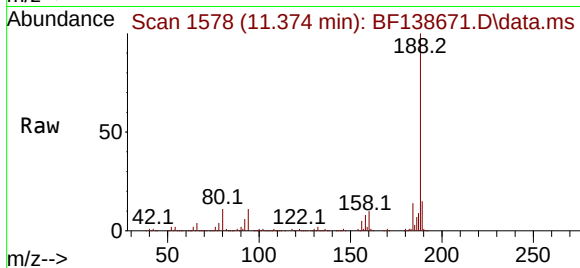
Tgt Ion:188 Resp: 264937

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

80 11.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.979 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138671.D

Acq: 29 Jul 2024 16:11

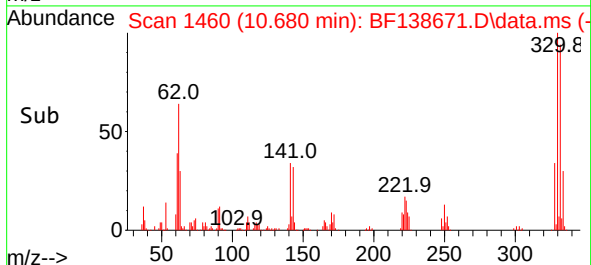
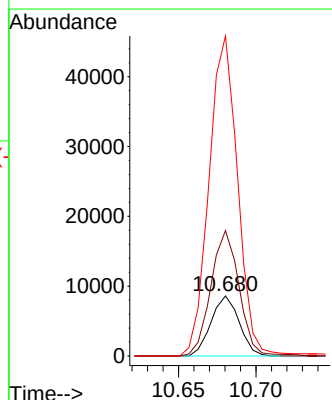
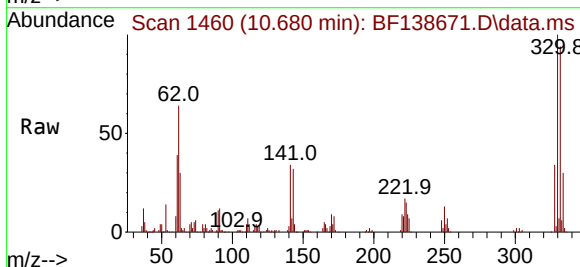
Tgt Ion:248 Resp: 10835

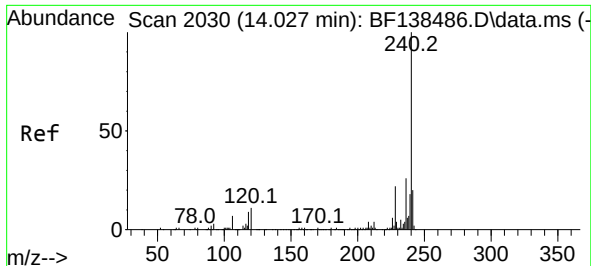
Ion Ratio Lower Upper

248 100

250 209.0 77.9 116.9#

141 533.1 67.7 101.5#

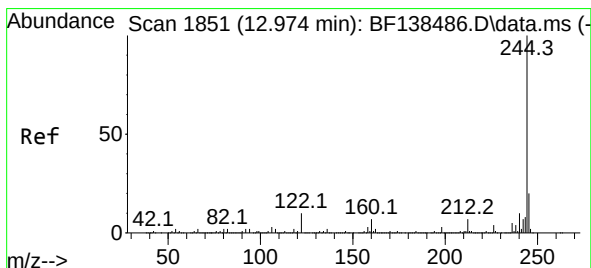
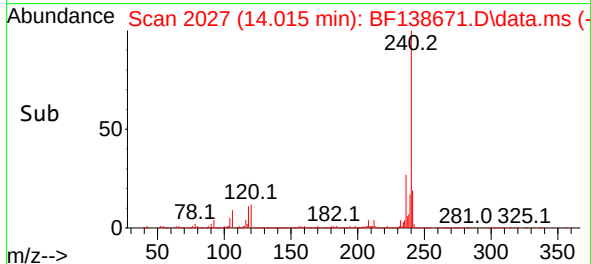
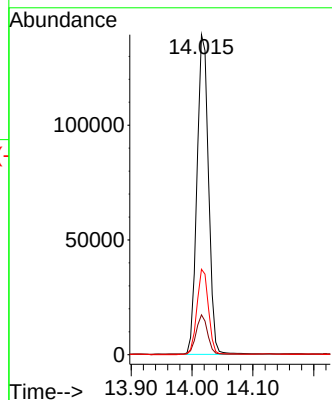
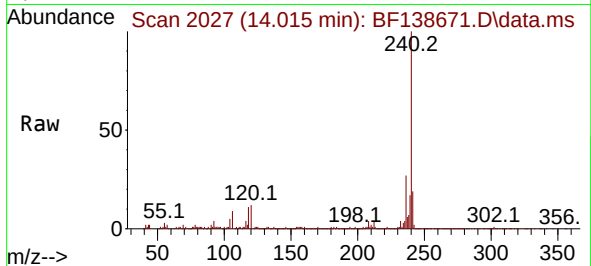




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

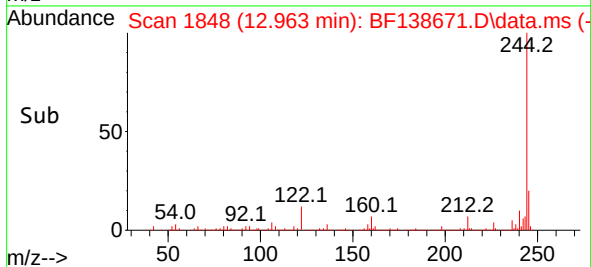
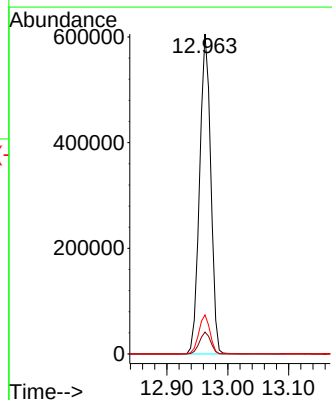
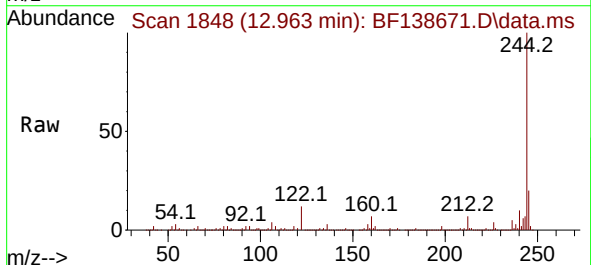
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

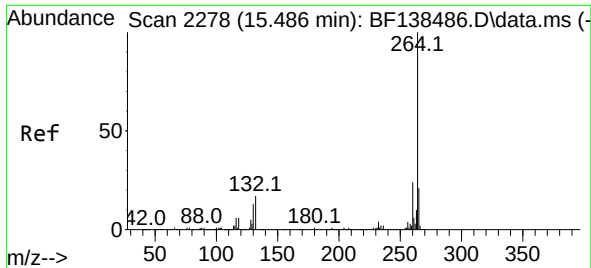
Tgt Ion:240 Resp: 183739
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 26.7 21.0 31.6



#79
Terphenyl-d14
Concen: 68.536 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion:244 Resp: 772977
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 12.2 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

Tgt Ion:264 Resp: 137338

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.8	17.0	25.4

