

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138649.D
 Acq On : 25 Jul 2024 12:57
 Operator : RC/JU
 Sample : PB162256BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162256BL

Quant Time: Jul 25 13:42:03 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)

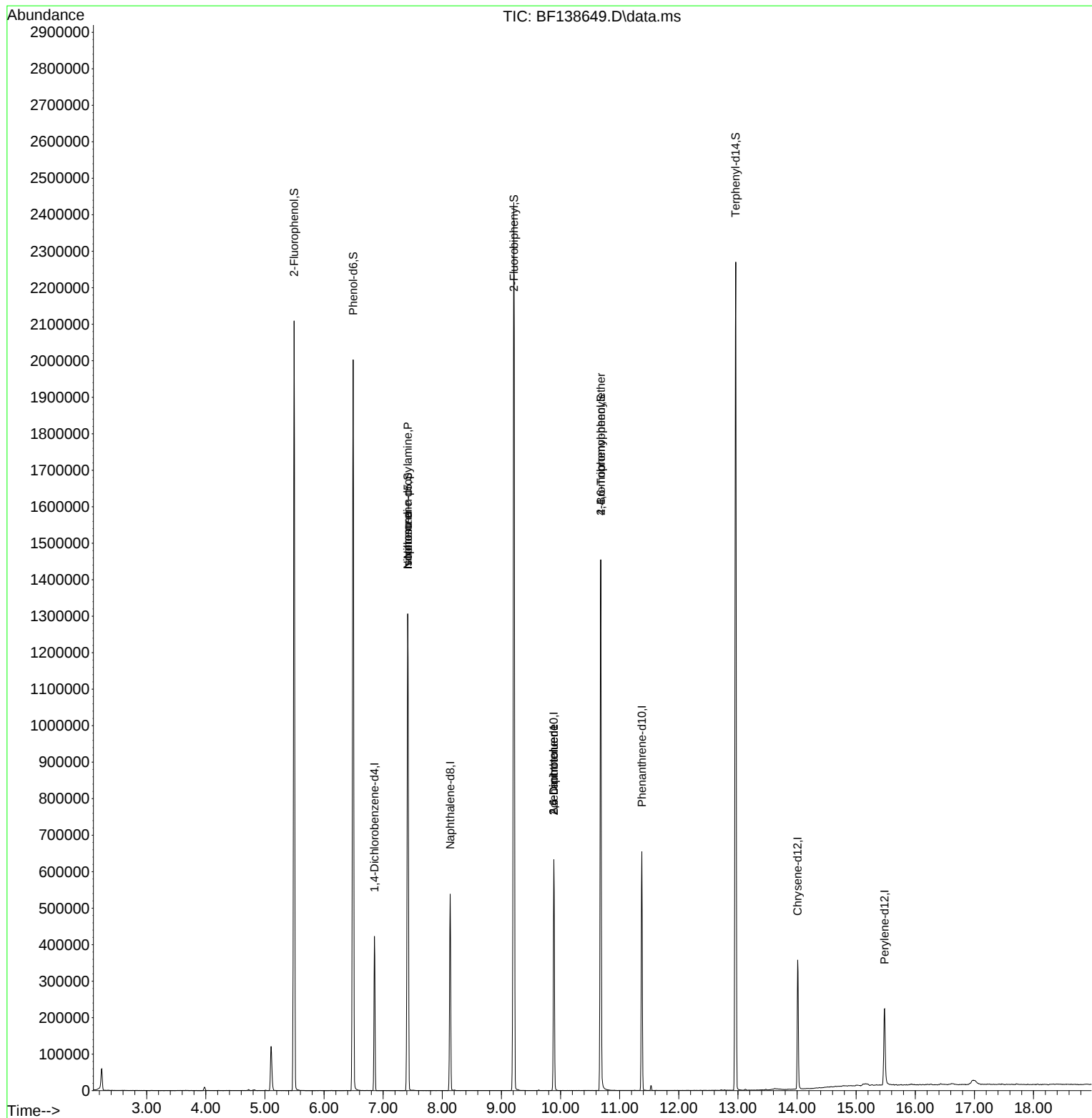
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	82432	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	334294	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	186262	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	326345	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	166278	20.000	ng	-0.02
86) Perylene-d12	15.480	264	140145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	729807	140.217	ng	0.00
7) Phenol-d6	6.493	99	966720	139.619	ng	-0.01
23) Nitrobenzene-d5	7.416	82	641043	94.150	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	238111	136.782	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1113228	93.410	ng	-0.02
79) Terphenyl-d14	12.963	244	1116041	109.345	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	87036	20.343	ng	# 72
25) Isophorone	7.416	82	637798	54.547	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	23353	8.421	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	23353	6.509	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	15950	4.755	ng	# 1

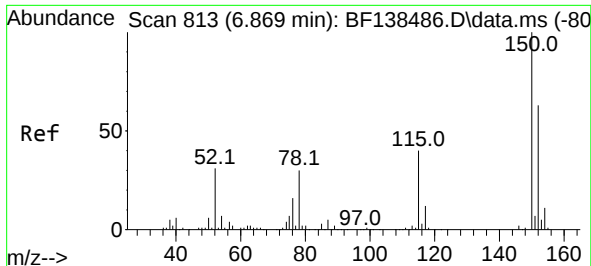
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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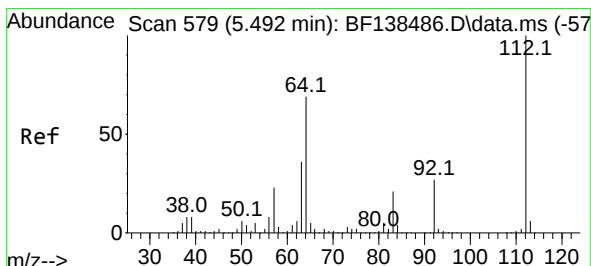
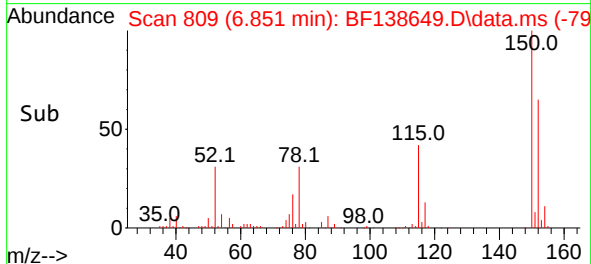
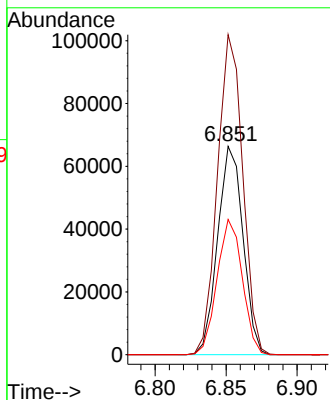
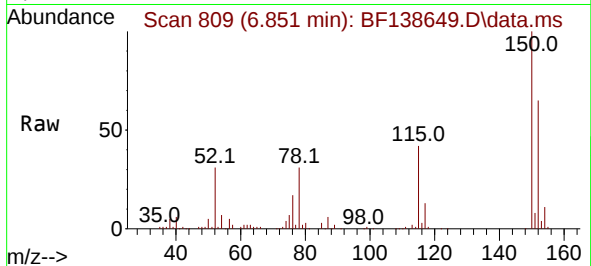




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

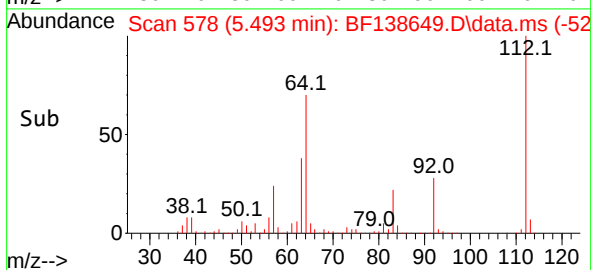
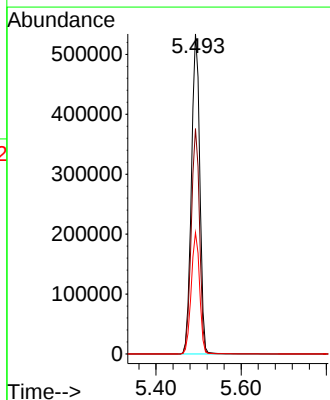
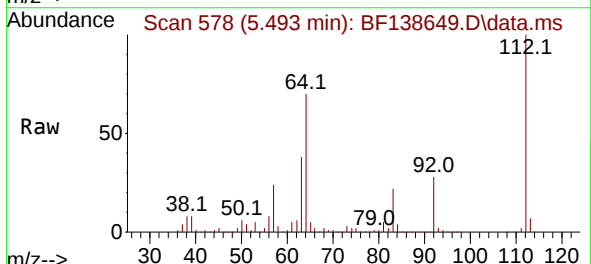
Instrument :
BNA_F
ClientSampleId :
PB162256BL

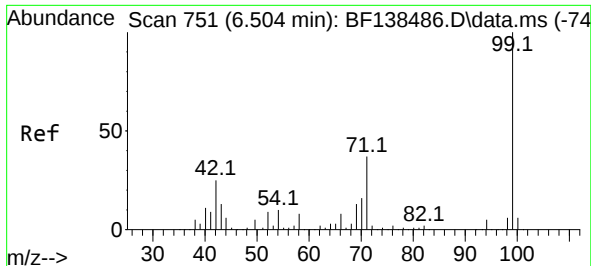
Tgt Ion:152 Resp: 82432
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.4
115 64.9 50.3 75.5



#5
2-Fluorophenol
Concen: 140.217 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

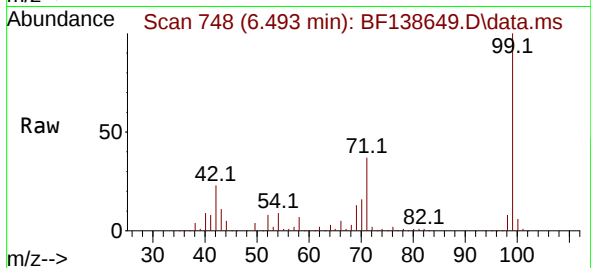
Tgt Ion:112 Resp: 729807
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 37.9 29.0 43.6



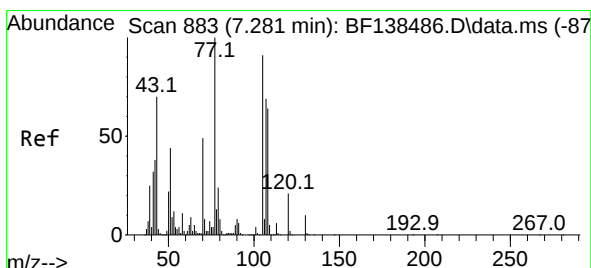
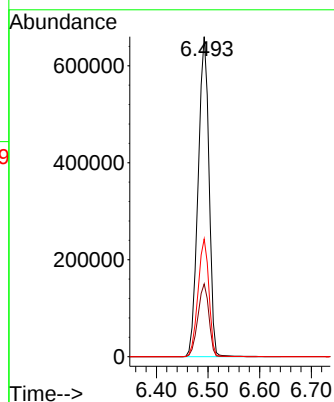
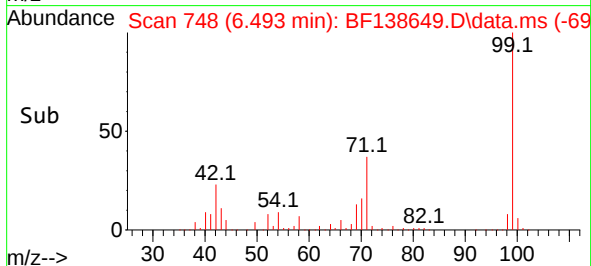


#7
Phenol-d6
Concen: 139.619 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

Instrument :
BNA_F
ClientSampleId :
PB162256BL

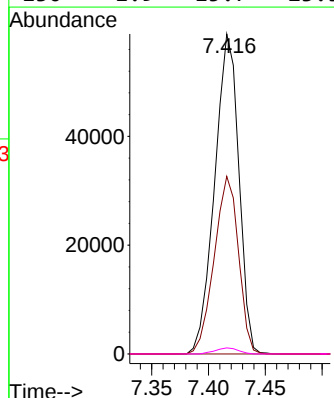
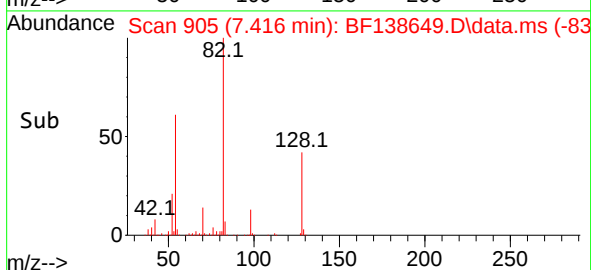
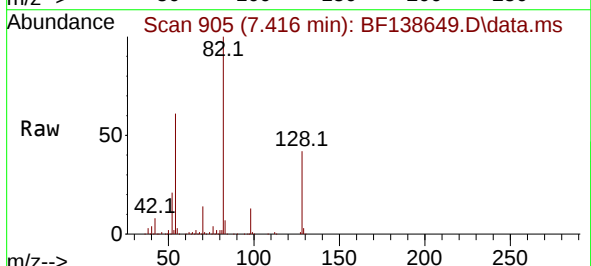


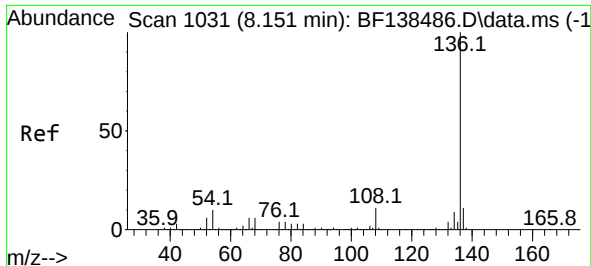
Tgt Ion: 99 Resp: 966720
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 36.8 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.343 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

Tgt Ion: 70 Resp: 87036
Ion Ratio Lower Upper
70 100
42 55.5 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#

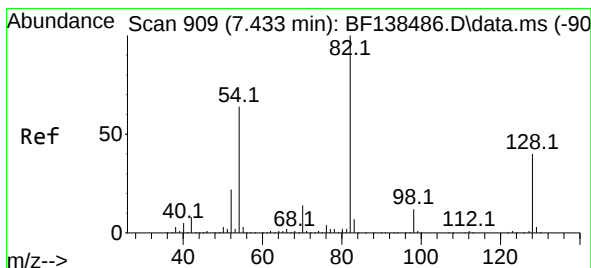
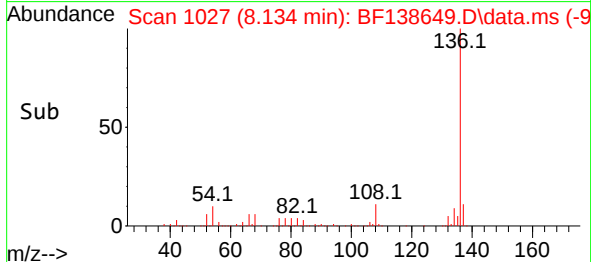
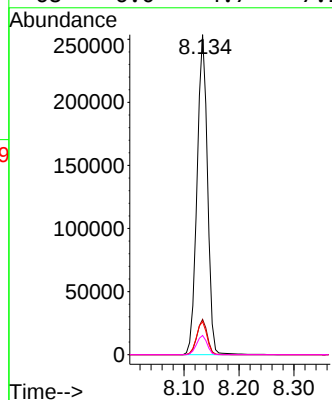
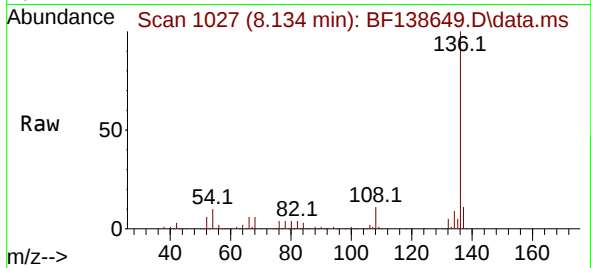




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

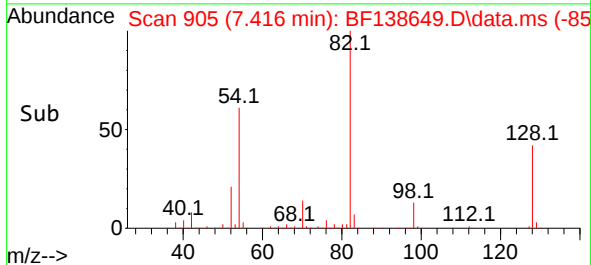
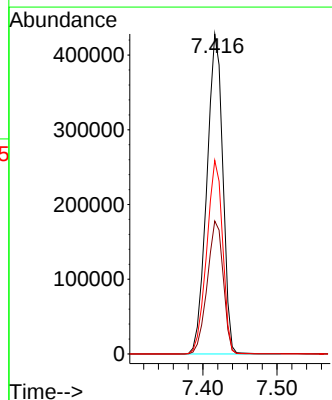
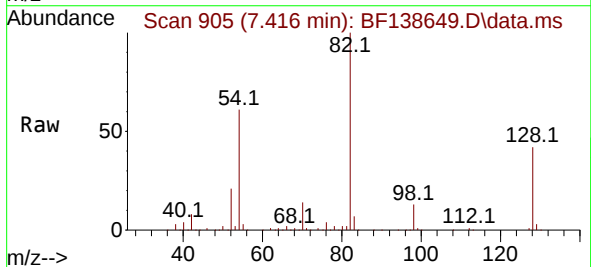
Instrument :
BNA_F
ClientSampleId :
PB162256BL

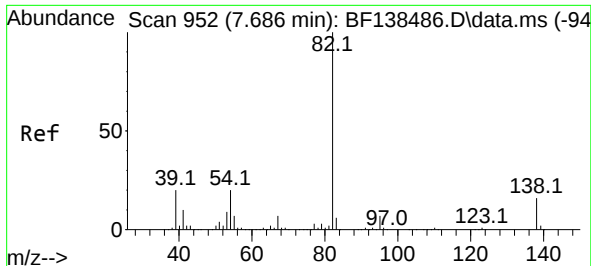
Tgt Ion:	136	Resp:	334294
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.3	8.1	12.1
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 94.150 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

Tgt Ion:	82	Resp:	641043
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.3	48.5
54	60.5	51.4	77.0

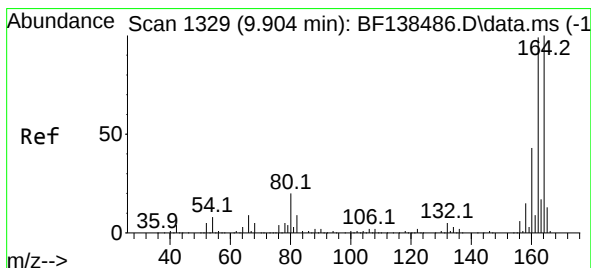
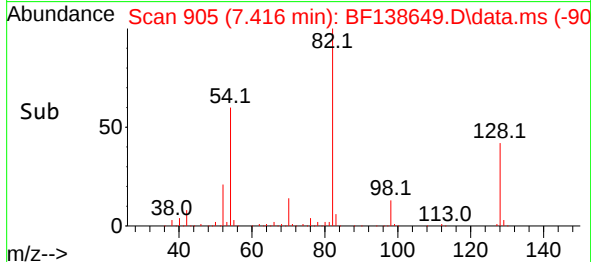
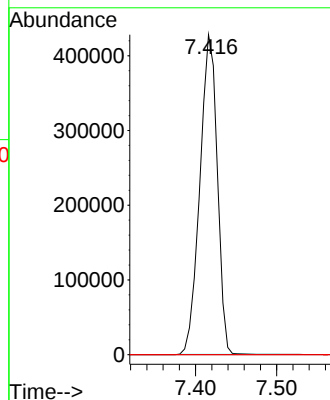
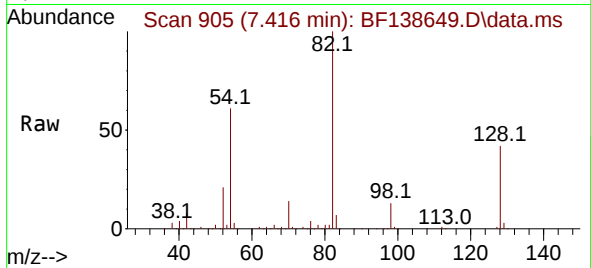




#25
Isophorone
Concen: 54.547 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

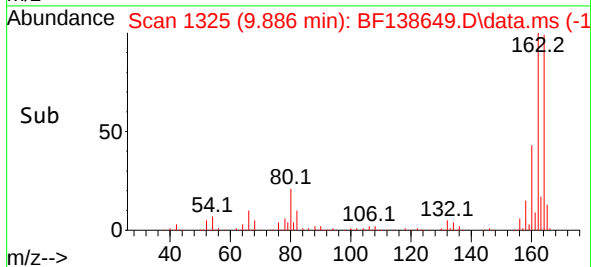
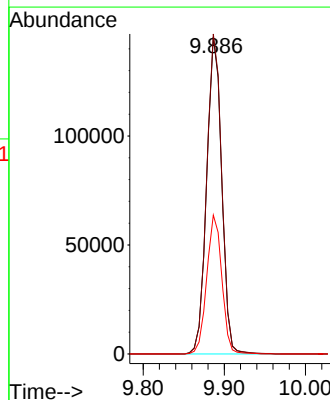
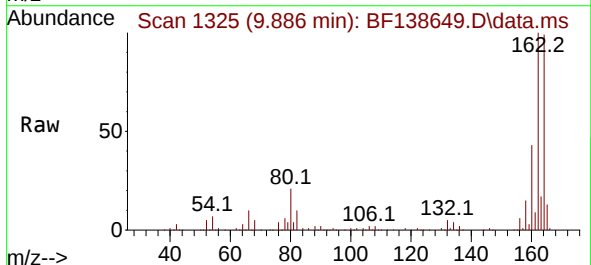
Instrument :
BNA_F
ClientSampleId :
PB162256BL

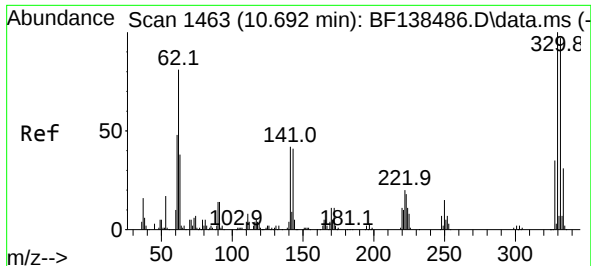
Tgt Ion: 82 Resp: 637798
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

Tgt Ion:164 Resp: 186262
Ion Ratio Lower Upper
164 100
162 101.0 79.0 118.6
160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.782 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF138649.D

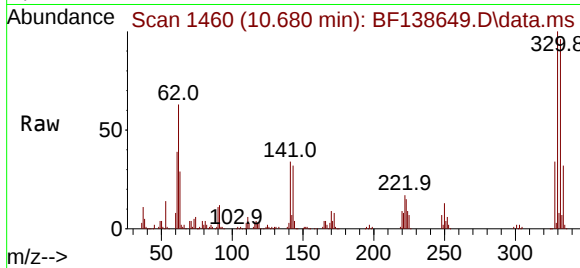
Acq: 25 Jul 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB162256BL



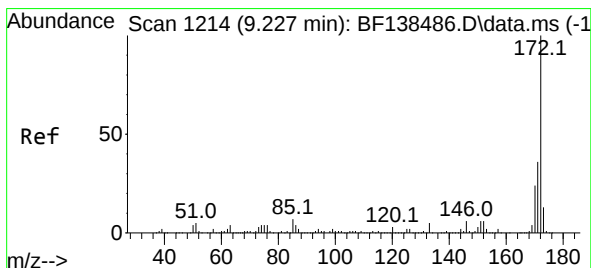
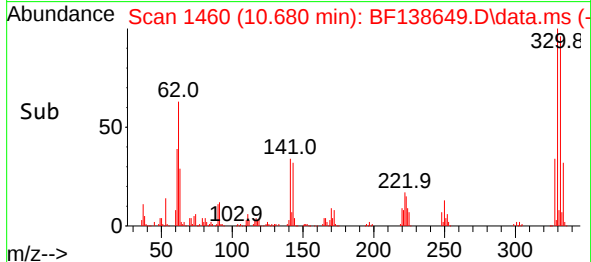
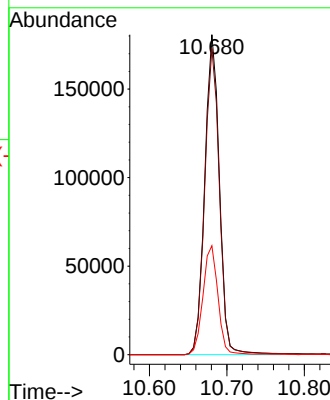
Tgt Ion:330 Resp: 238111

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 35.0 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 93.410 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.017 min

Lab File: BF138649.D

Acq: 25 Jul 2024 12:57

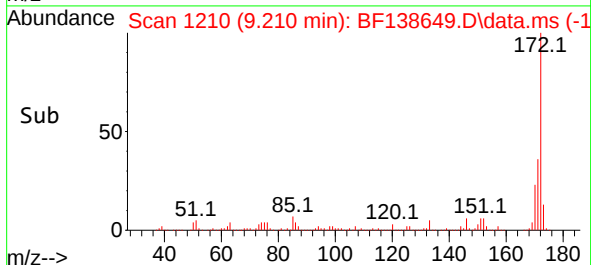
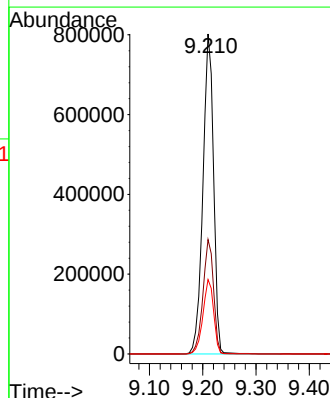
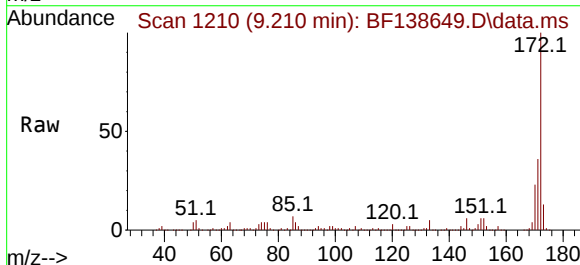
Tgt Ion:172 Resp: 1113228

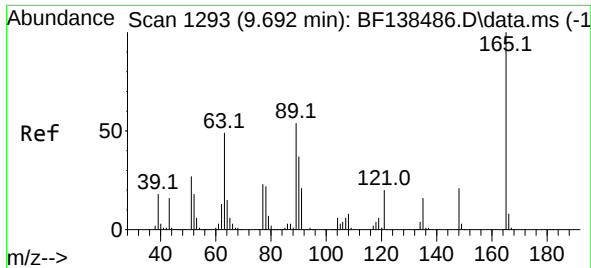
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.3 18.9 28.3

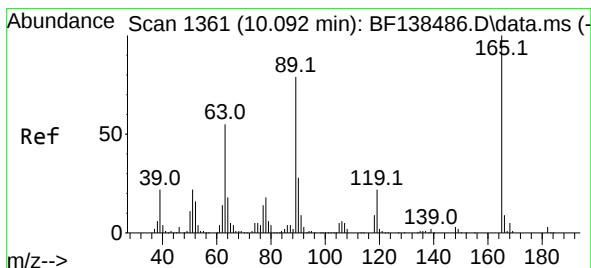
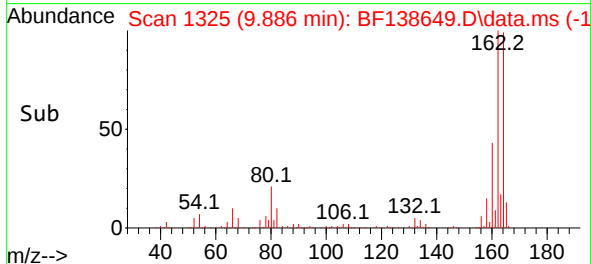
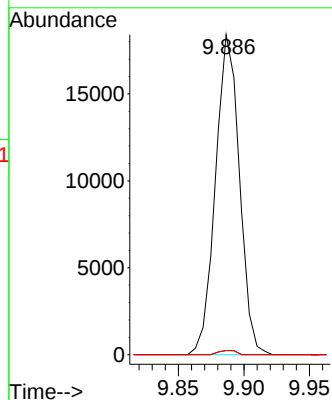
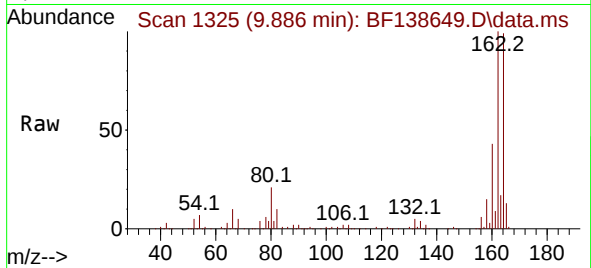




#51
2,6-Dinitrotoluene
Concen: 8.421 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

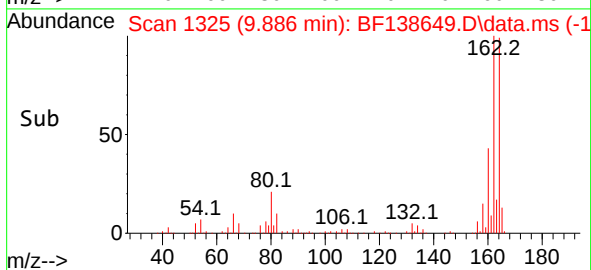
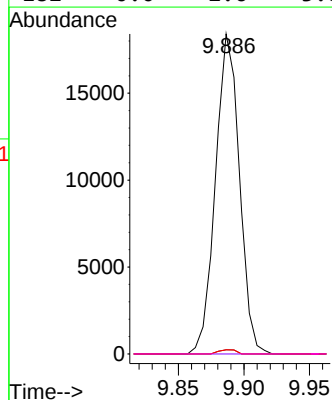
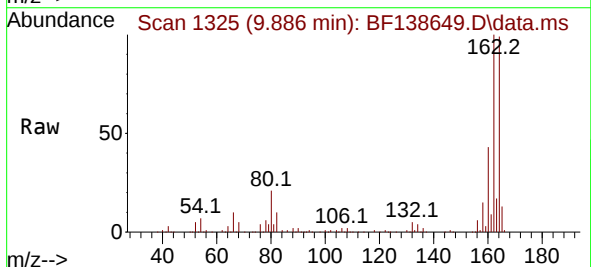
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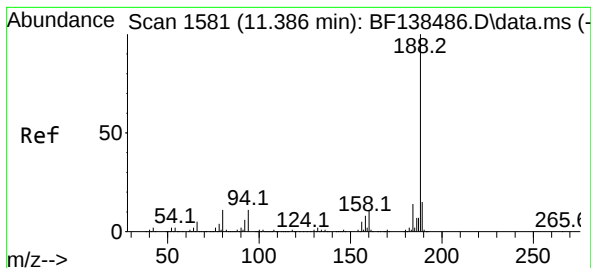
Tgt Ion:165 Resp: 23353
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.3 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

Tgt Ion:165 Resp: 23353
Ion Ratio Lower Upper
165 100
63 1.3 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: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138649.D

Acq: 25 Jul 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB162256BL

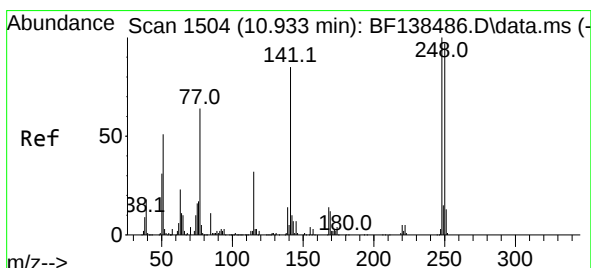
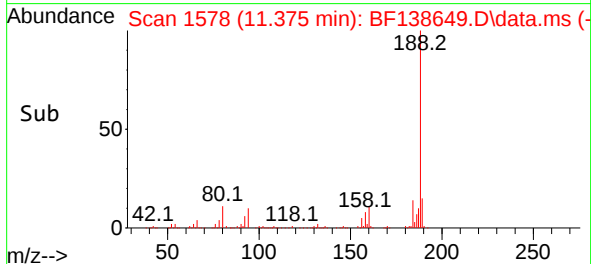
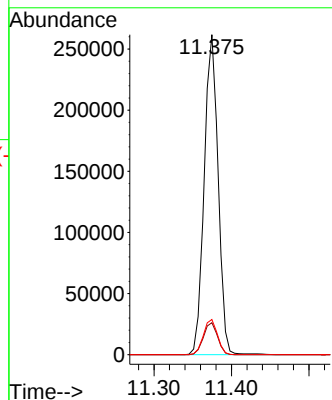
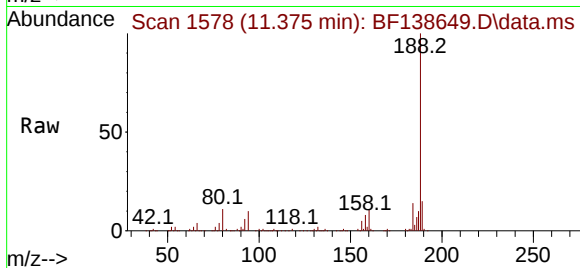
Tgt Ion:188 Resp: 326345

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.755 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138649.D

Acq: 25 Jul 2024 12:57

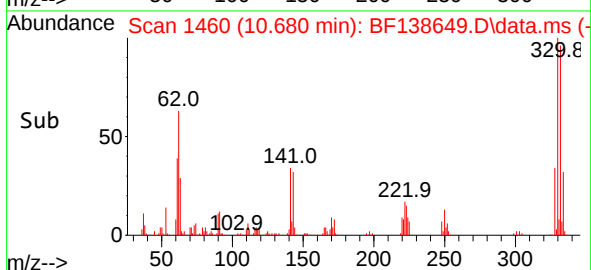
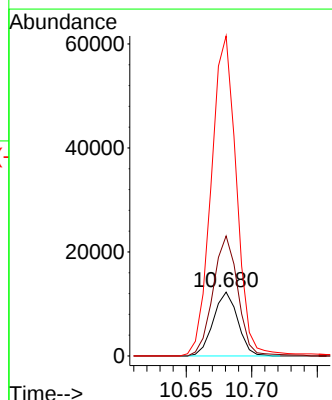
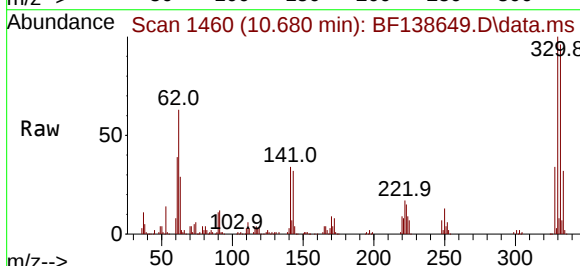
Tgt Ion:248 Resp: 15950

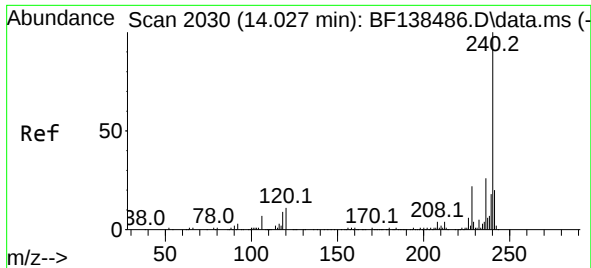
Ion Ratio Lower Upper

248 100

250 188.0 77.9 116.9#

141 501.4 67.7 101.5#

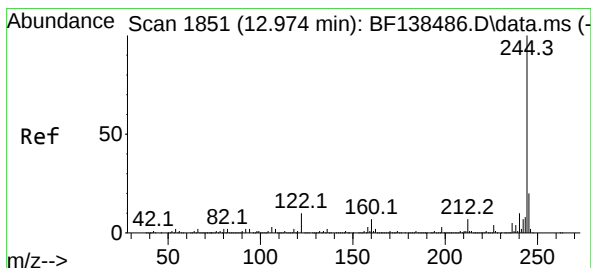
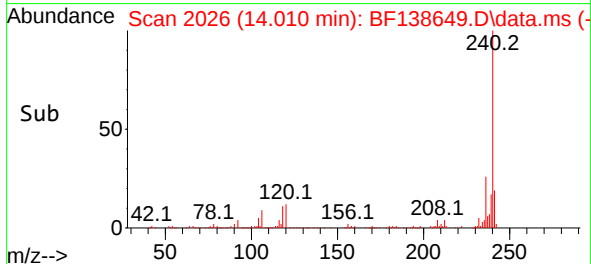
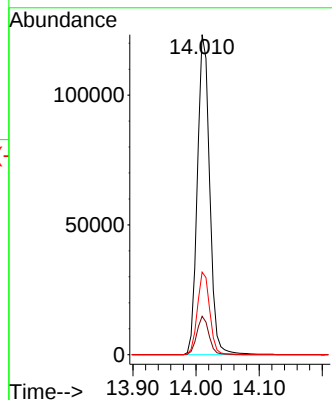
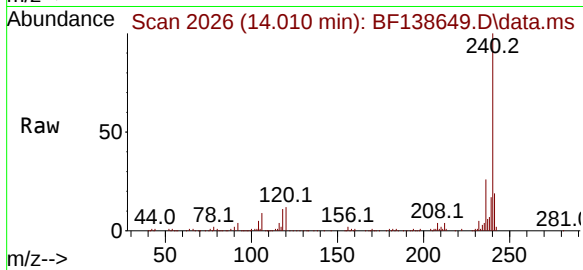




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2030
Delta R.T. -0.017 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

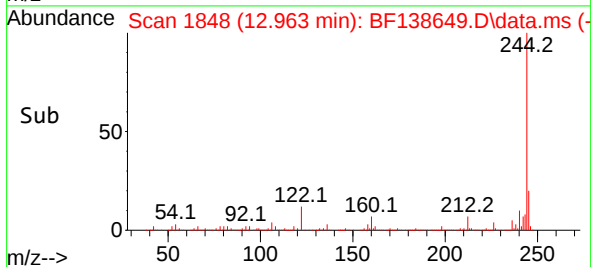
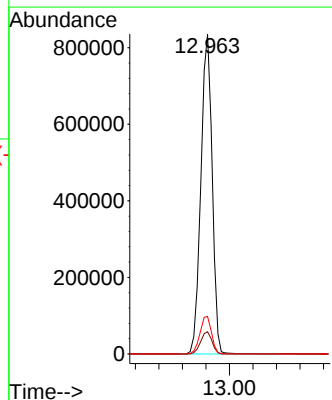
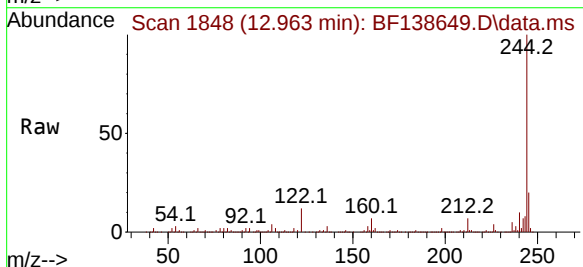
Instrument :
BNA_F
ClientSampleId :
PB162256BL

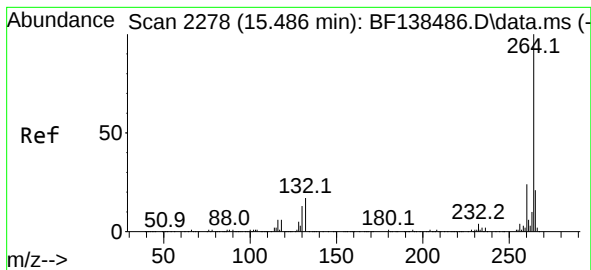
Tgt Ion:240 Resp: 166278
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.8 21.0 31.6



#79
Terphenyl-d14
Concen: 109.345 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138649.D
Acq: 25 Jul 2024 12:57

Tgt Ion:244 Resp: 1116041
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.7 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138649.D

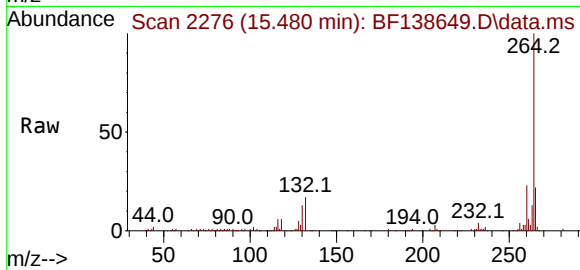
Acq: 25 Jul 2024 12:57

Instrument :

BNA_F

ClientSampleId :

PB162256BL



Tgt Ion:264 Resp: 140145

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.6

265 21.7 17.0 25.4

