

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138570.D
 Acq On : 15 Jul 2024 16:09
 Operator : CG\JU
 Sample : P3115-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071

Quant Time: Jul 15 16:42:26 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)

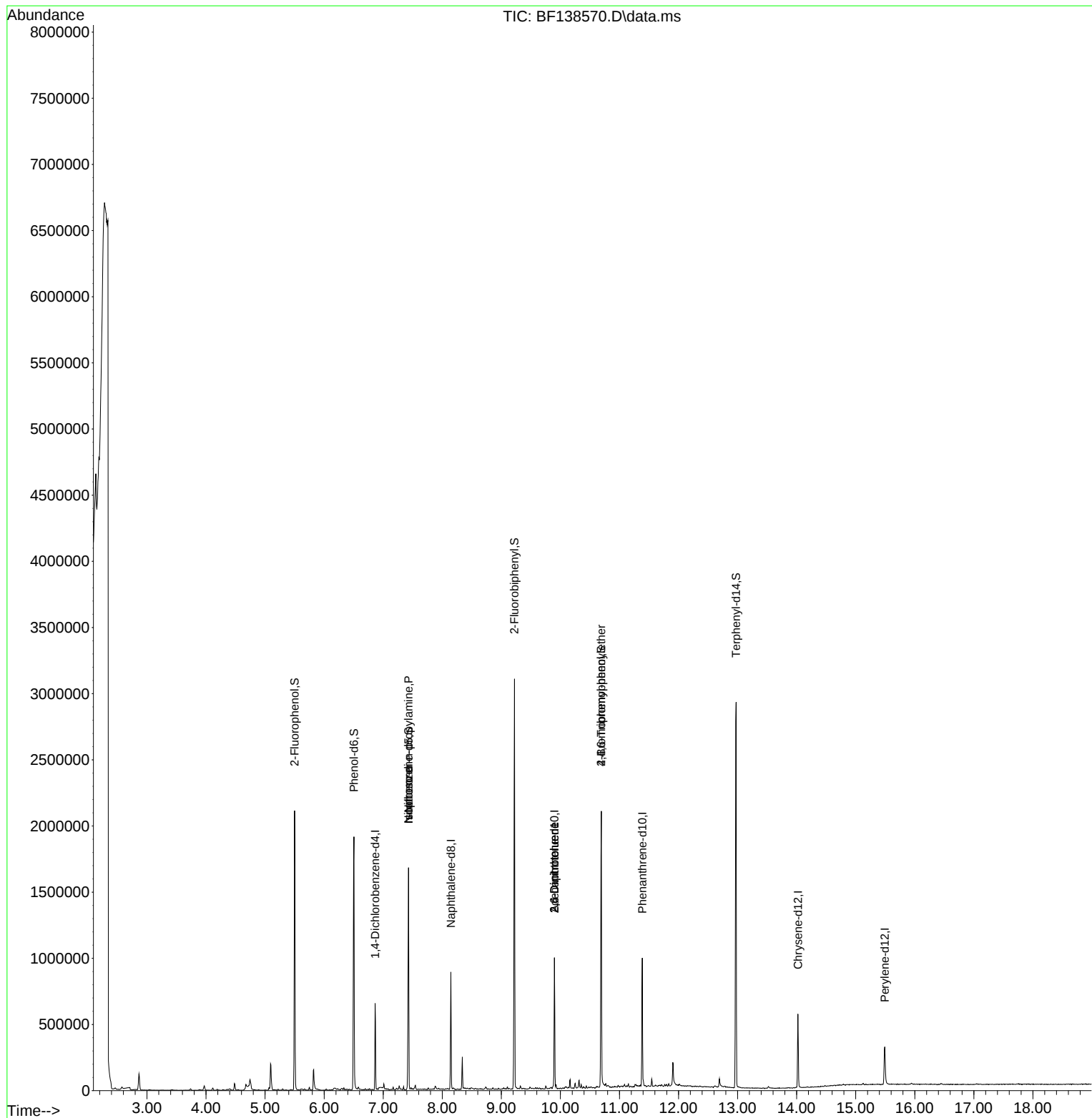
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82272	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	328574	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	186503	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	327479	20.000	ng	0.00
76) Chrysene-d12	14.022	240	167879	20.000	ng	0.00
86) Perylene-d12	15.492	264	143652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	493387	94.978	ng	0.00
7) Phenol-d6	6.504	99	620257	89.755	ng	0.00
23) Nitrobenzene-d5	7.428	82	483868	72.303	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	231776	132.971	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	880412	73.779	ng	0.00
79) Terphenyl-d14	12.975	244	1064175	103.269	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	66116	15.484	ng	# 75
25) Isophorone	7.428	82	483857	42.101	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	24628	8.870	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	24628	6.855	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	15725	4.672	ng	# 1

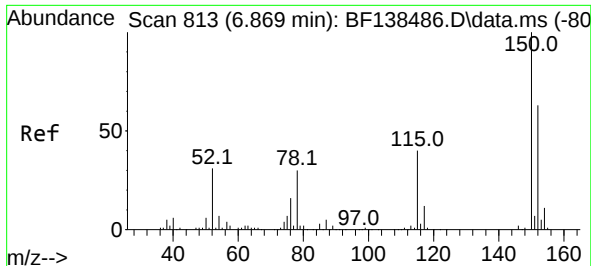
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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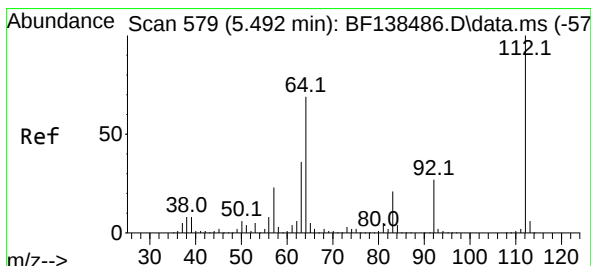
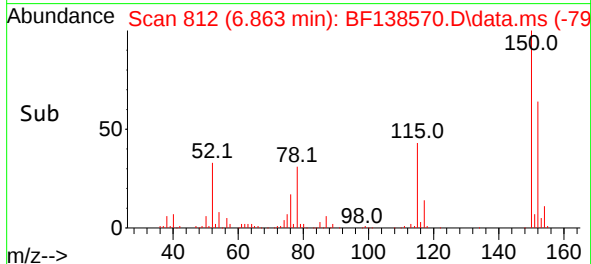
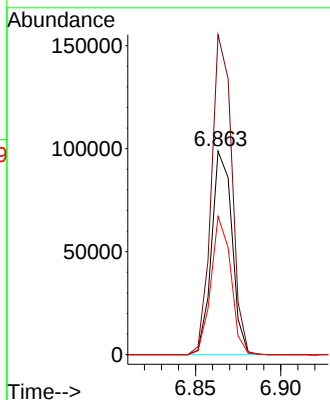
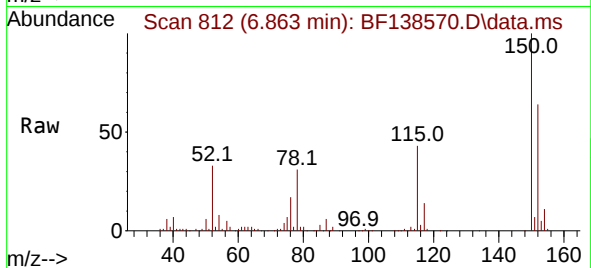




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

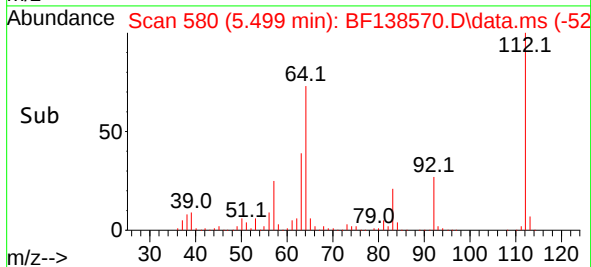
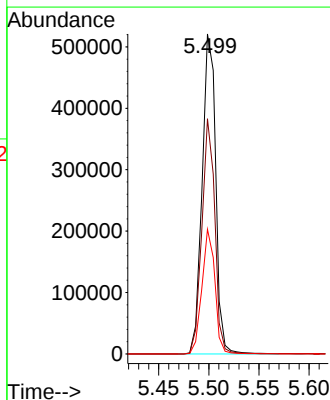
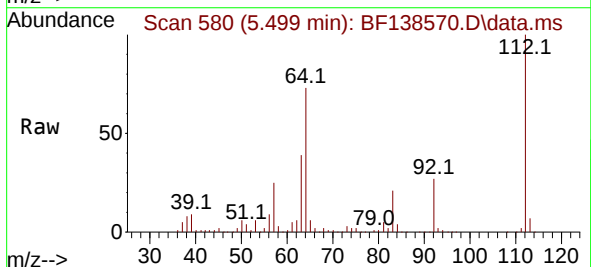
Instrument :
BNA_F
ClientSampleId :
20071

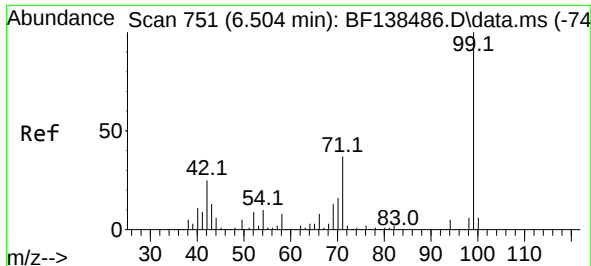
Tgt Ion:152 Resp: 82272
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.4
115 67.9 50.3 75.5



#5
2-Fluorophenol
Concen: 94.978 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

Tgt Ion:112 Resp: 493387
Ion Ratio Lower Upper
112 100
64 73.5 55.1 82.7
63 39.0 29.0 43.6

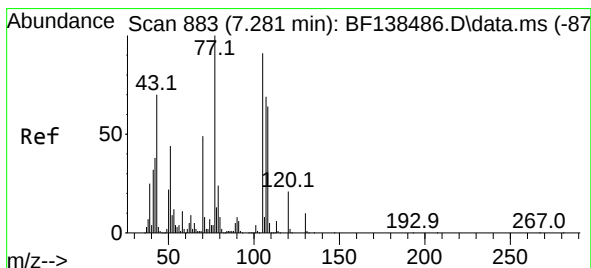
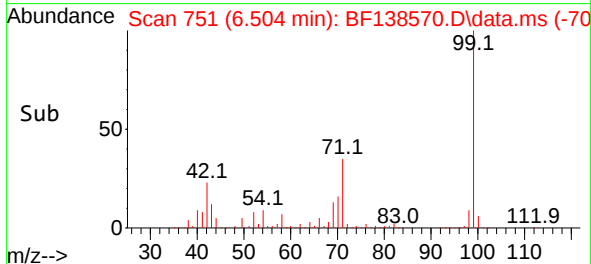
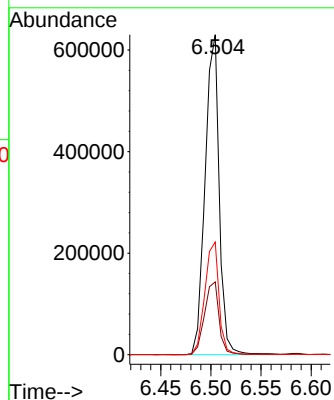
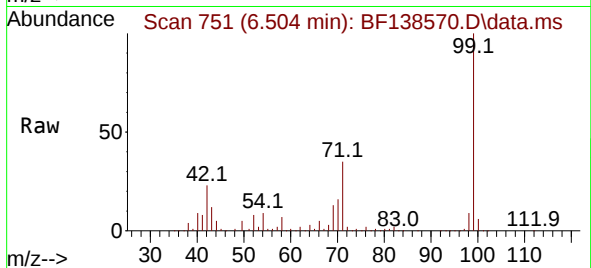




#7
Phenol-d6
Concen: 89.755 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

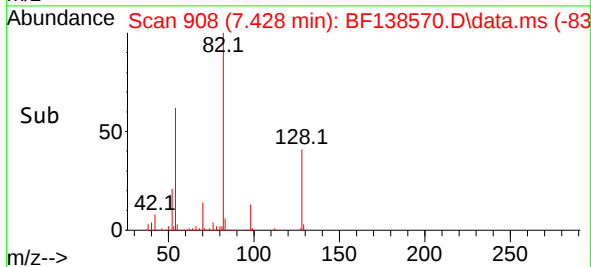
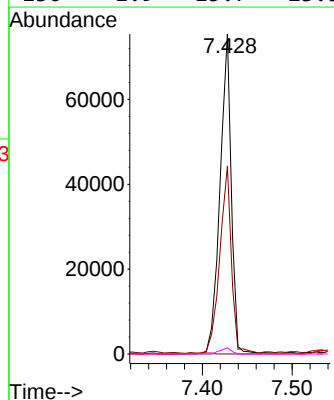
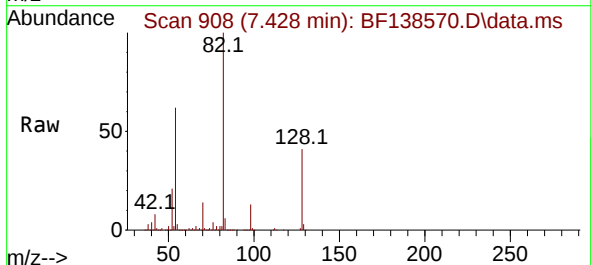
Instrument :
BNA_F
ClientSampleId :
20071

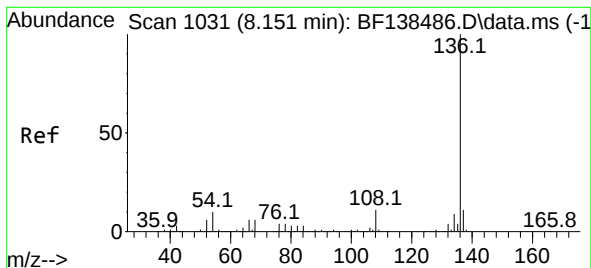
Tgt Ion: 99 Resp: 620257
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 35.2 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.484 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

Tgt Ion: 70 Resp: 66116
Ion Ratio Lower Upper
70 100
42 58.8 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: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138570.D

Acq: 15 Jul 2024 16:09

Instrument :

BNA_F

ClientSampleId :

20071

Tgt Ion:136 Resp: 328574

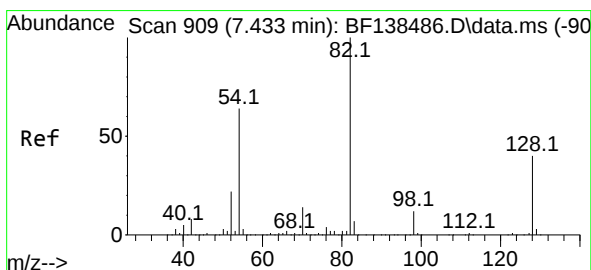
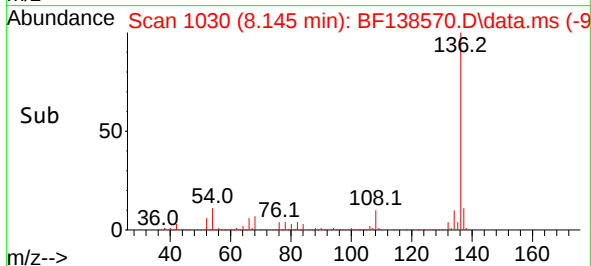
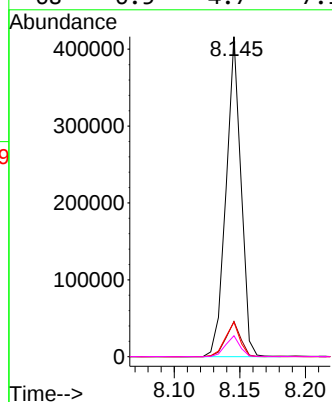
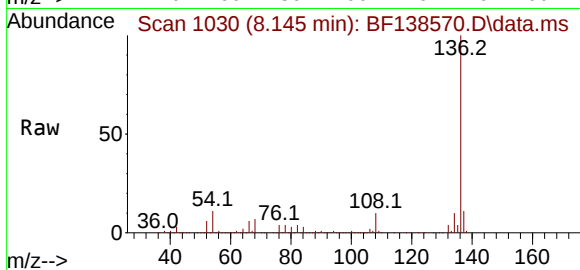
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 8.1 12.1

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 72.303 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138570.D

Acq: 15 Jul 2024 16:09

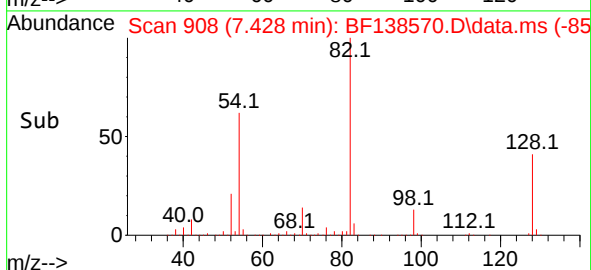
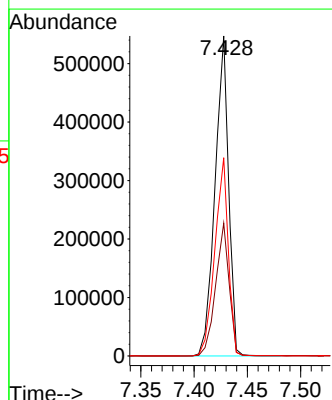
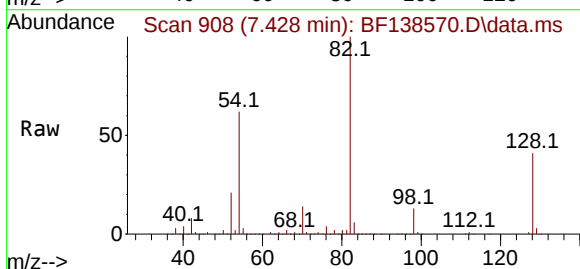
Tgt Ion: 82 Resp: 483868

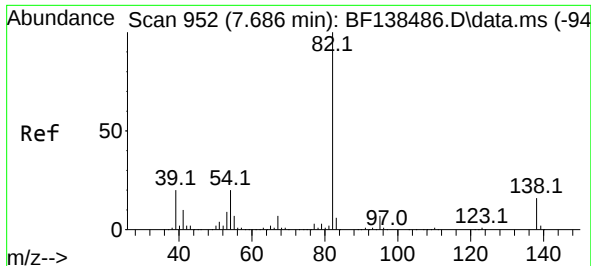
Ion Ratio Lower Upper

82 100

128 41.5 32.3 48.5

54 61.9 51.4 77.0

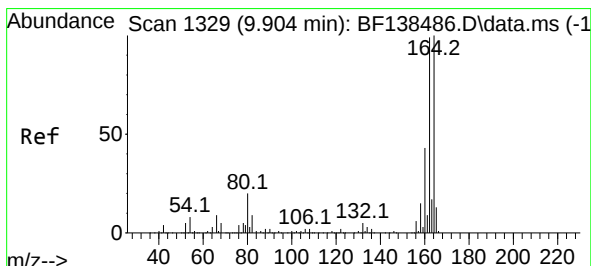
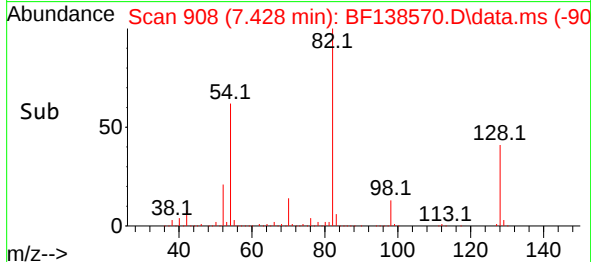
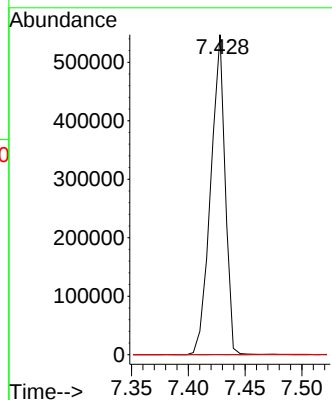
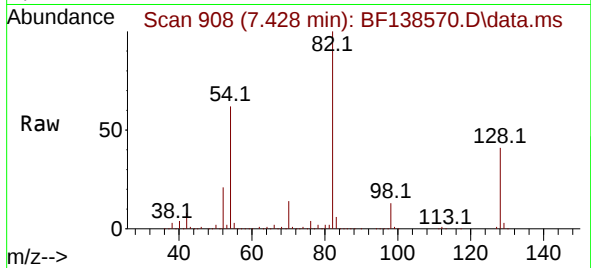




#25
Isophorone
Concen: 42.101 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

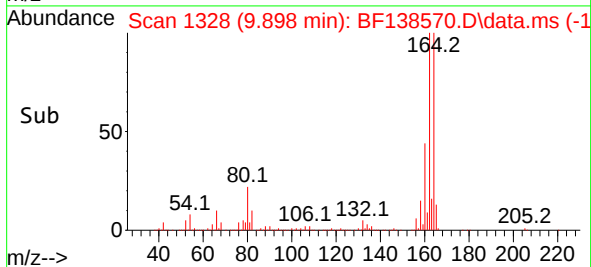
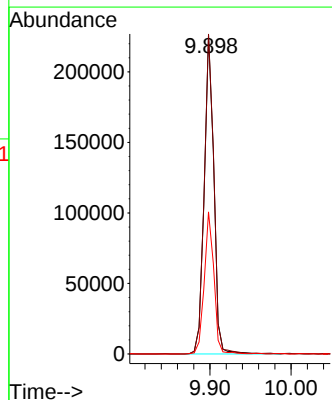
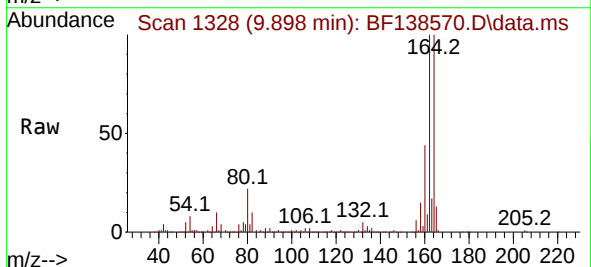
Instrument :
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ClientSampleId :
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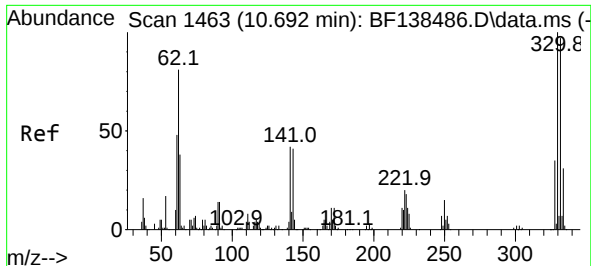
Tgt Ion: 82 Resp: 483857
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

Tgt Ion:164 Resp: 186503
Ion Ratio Lower Upper
164 100
162 100.4 79.0 118.6
160 44.6 34.4 51.6

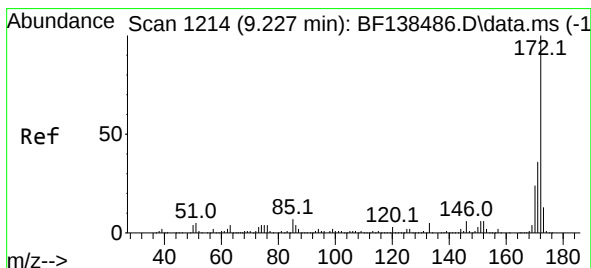
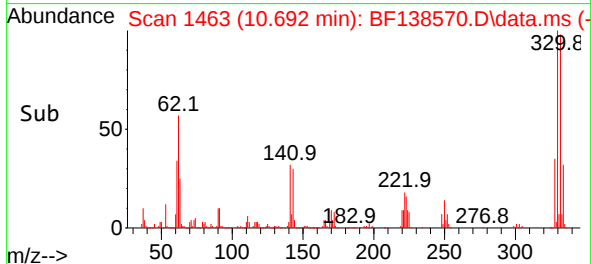
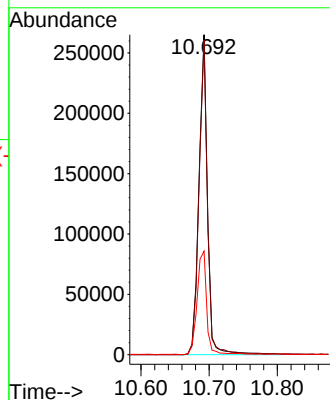
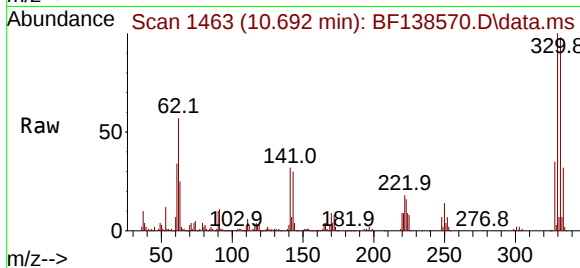




#42
2,4,6-Tribromophenol
Concen: 132.971 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

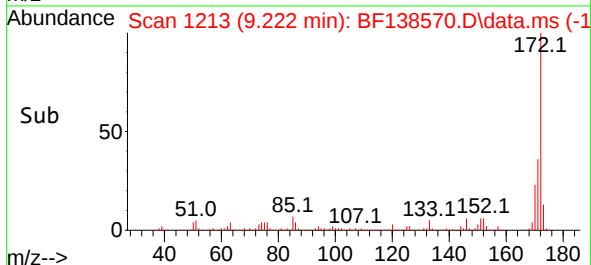
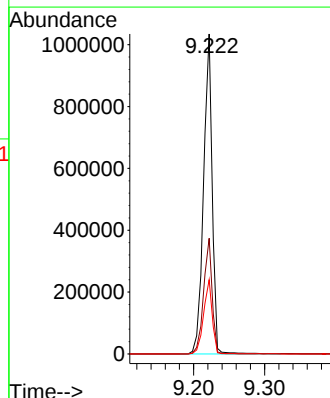
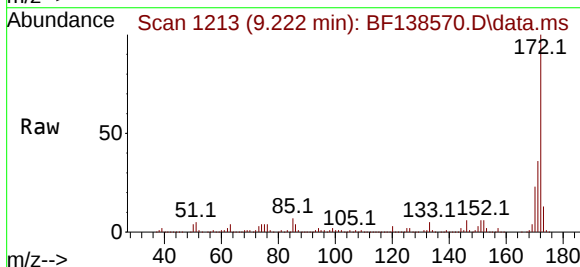
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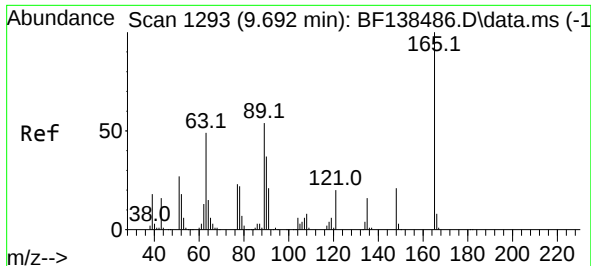
Tgt Ion: 330 Resp: 231776
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 36.1 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 73.779 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

Tgt Ion: 172 Resp: 880412
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.2 18.9 28.3

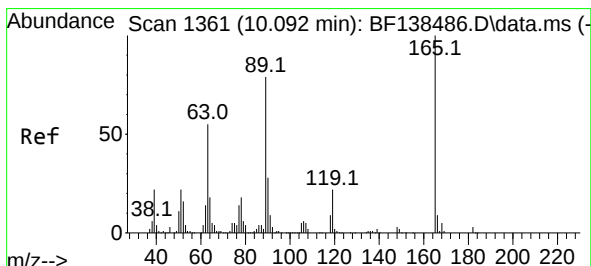
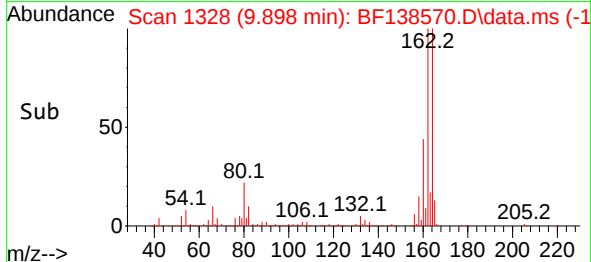
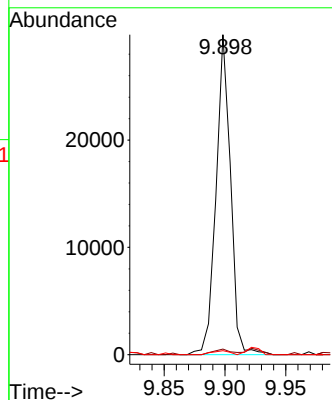
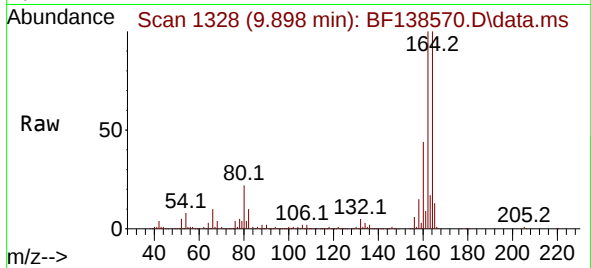




#51
2,6-Dinitrotoluene
Concen: 8.870 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

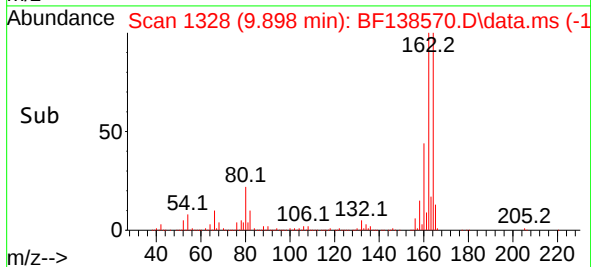
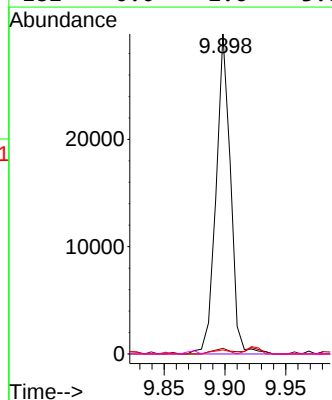
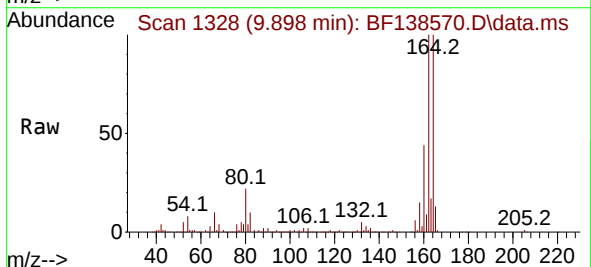
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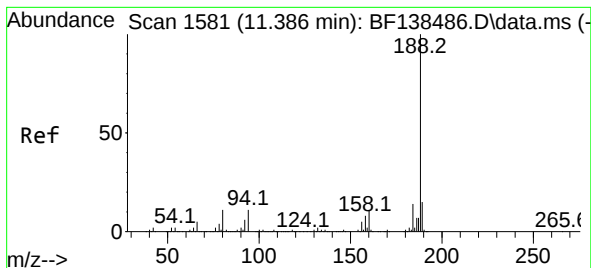
Tgt Ion:165 Resp: 24628
Ion Ratio Lower Upper
165 100
63 1.8 48.1 72.1#
89 1.2 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.855 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138570.D
Acq: 15 Jul 2024 16:09

Tgt Ion:165 Resp: 24628
Ion Ratio Lower Upper
165 100
63 1.8 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138570.D

Acq: 15 Jul 2024 16:09

Instrument :

BNA_F

ClientSampleId :

20071

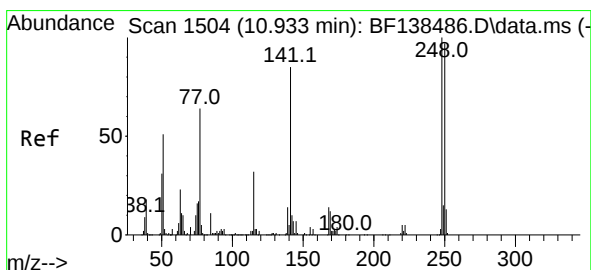
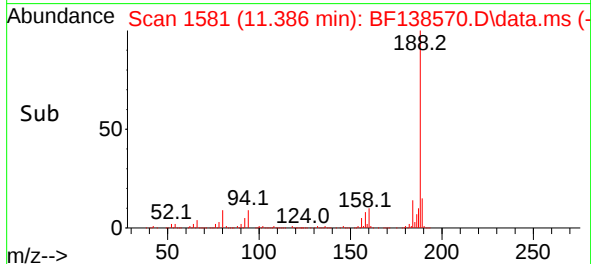
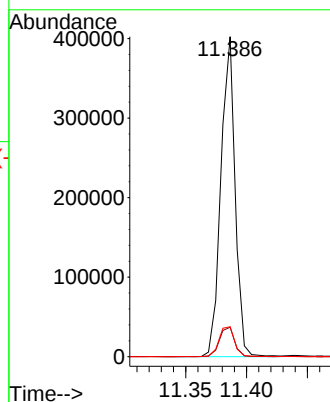
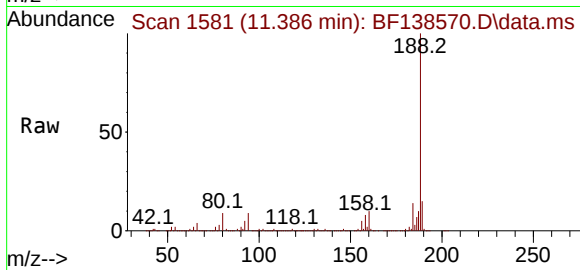
Tgt Ion:188 Resp: 327479

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

80 9.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.672 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF138570.D

Acq: 15 Jul 2024 16:09

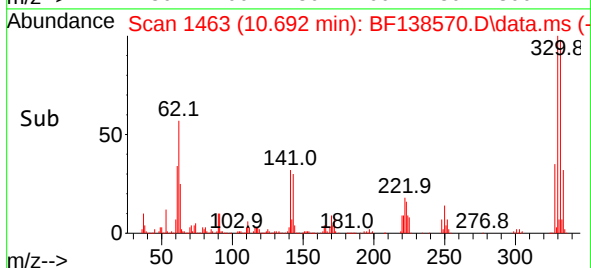
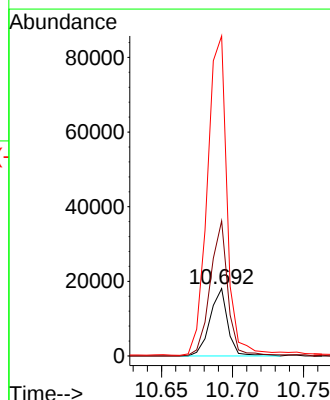
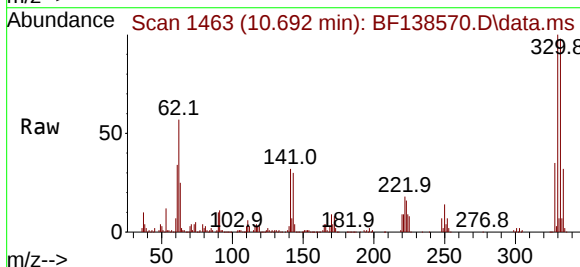
Tgt Ion:248 Resp: 15725

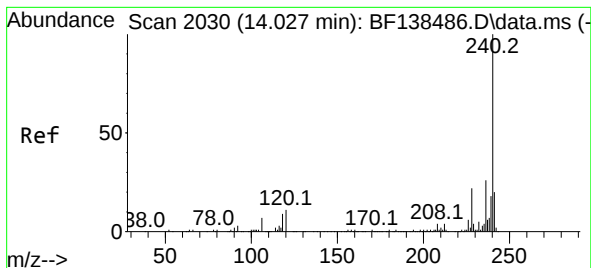
Ion Ratio Lower Upper

248 100

250 200.5 77.9 116.9#

141 474.9 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138570.D

Acq: 15 Jul 2024 16:09

Instrument :

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ClientSampleId :

20071

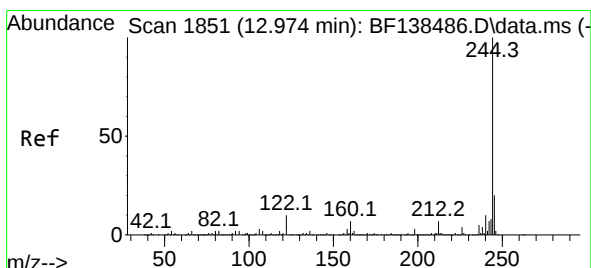
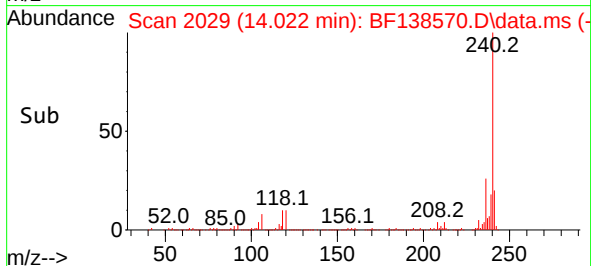
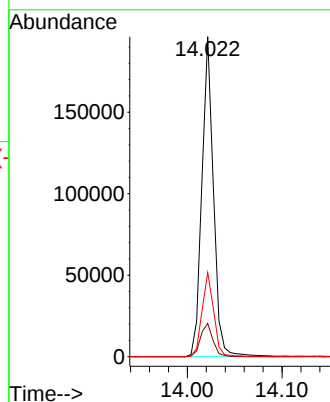
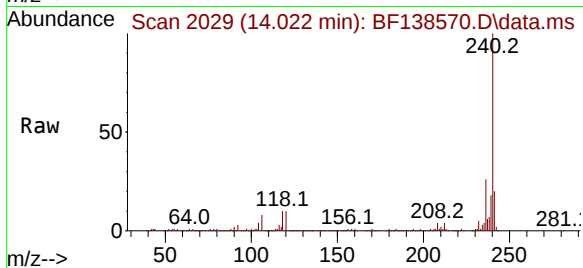
Tgt Ion:240 Resp: 167879

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

236 26.3 21.0 31.6



#79

Terphenyl-d14

Concen: 103.269 ng

RT: 12.975 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138570.D

Acq: 15 Jul 2024 16:09

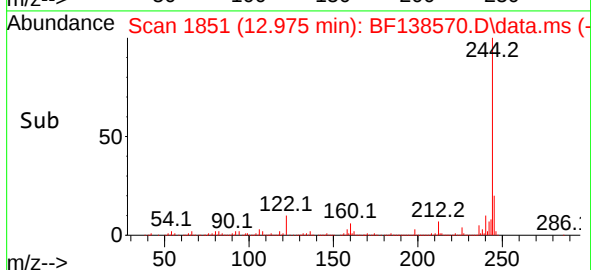
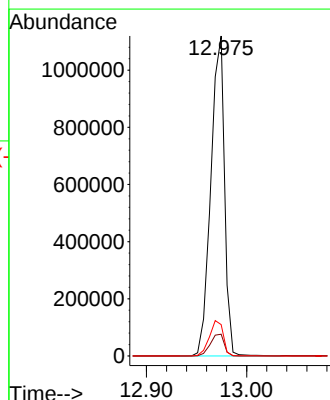
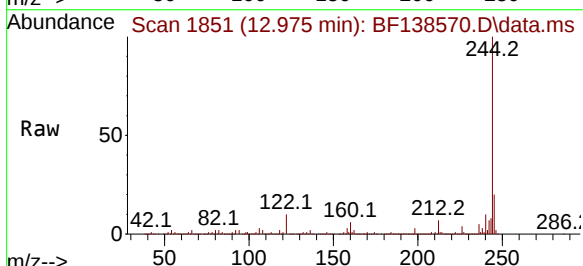
Tgt Ion:244 Resp: 1064175

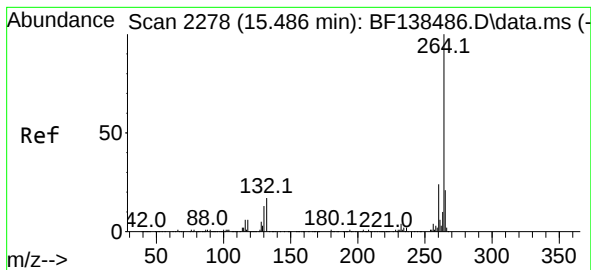
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.8 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138570.D

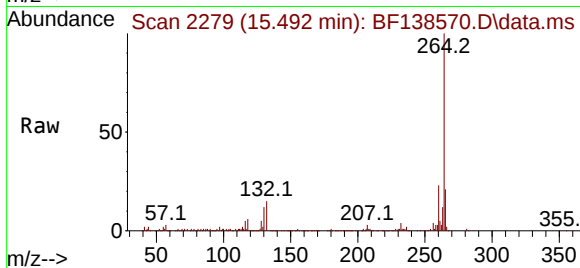
Acq: 15 Jul 2024 16:09

Instrument :

BNA_F

ClientSampleId :

20071



Tgt Ion:264 Resp: 143652

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 20.9 17.0 25.4

