

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138528.D
 Acq On : 11 Jul 2024 17:46
 Operator : CG\JU
 Sample : P3187-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Jul 11 18:41:24 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)

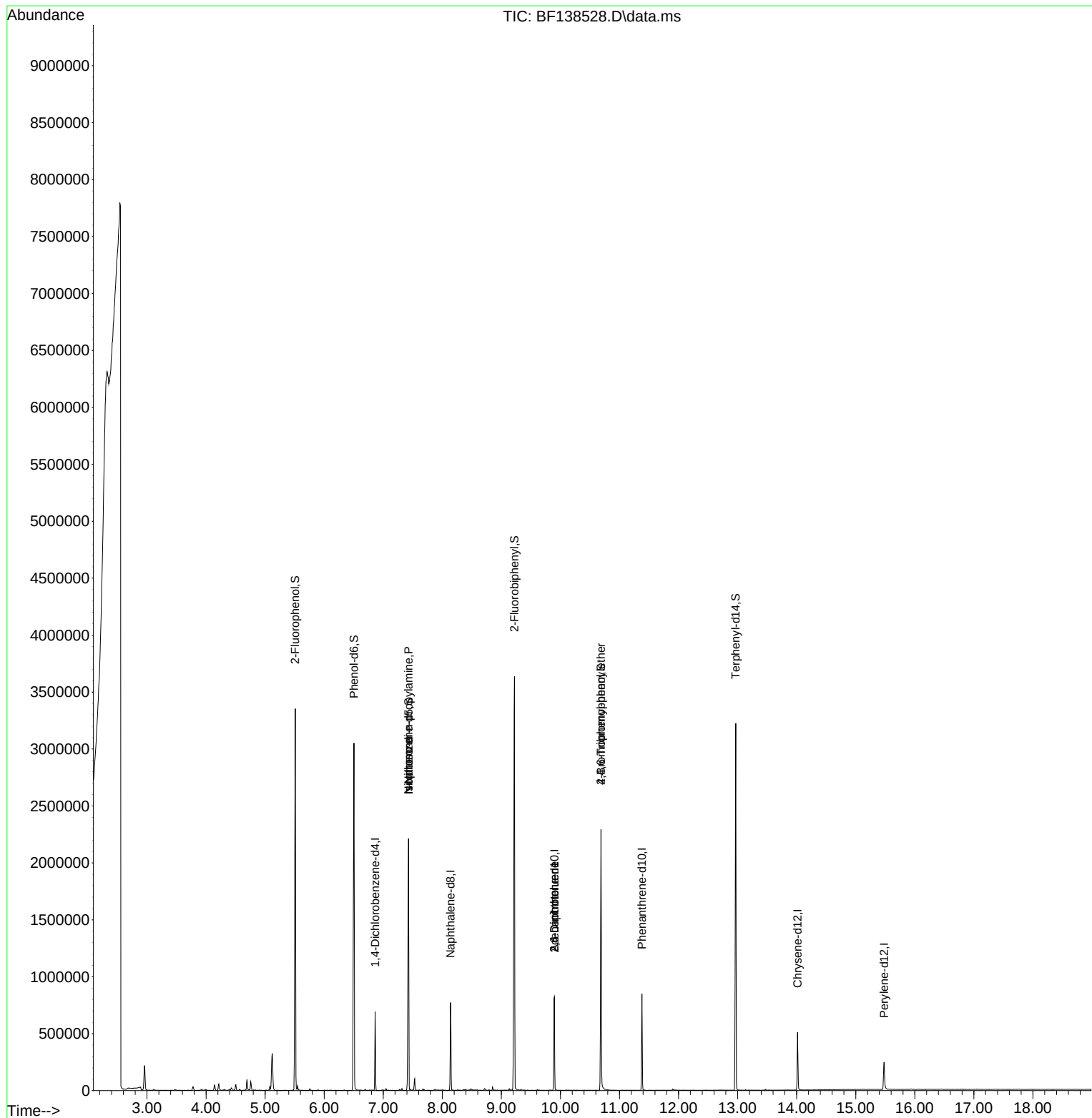
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82772	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	321763	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	179832	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	275959	20.000	ng	0.00
76) Chrysene-d12	14.016	240	158825	20.000	ng	-0.01
86) Perylene-d12	15.480	264	120363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	816780	156.282	ng	0.02
7) Phenol-d6	6.504	99	1041519	149.804	ng	0.00
23) Nitrobenzene-d5	7.428	82	716682	109.358	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	249494	148.446	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1254489	109.027	ng	0.00
79) Terphenyl-d14	12.969	244	1047353	107.430	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	97336	22.657	ng	# 75
25) Isophorone	7.428	82	716668	63.679	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	22551	8.423	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	22551	6.510	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	17563	6.192	ng	# 1

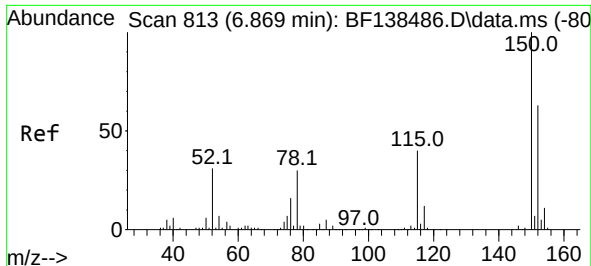
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
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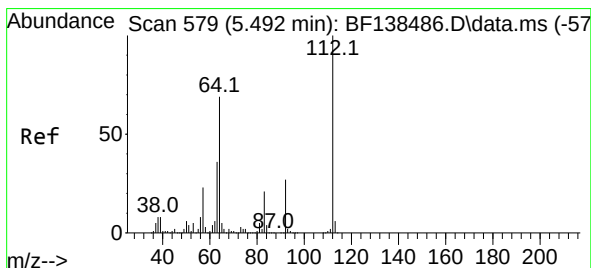
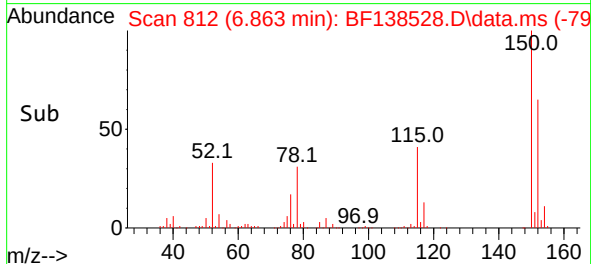
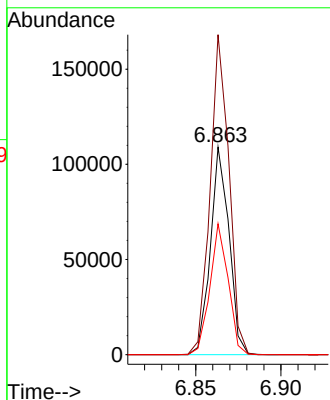
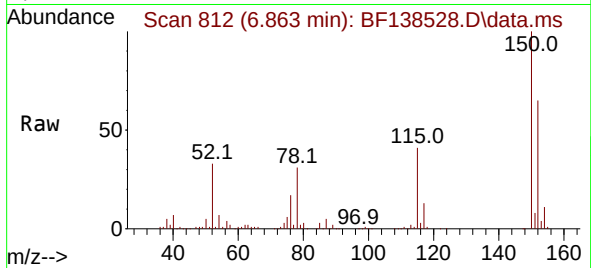




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

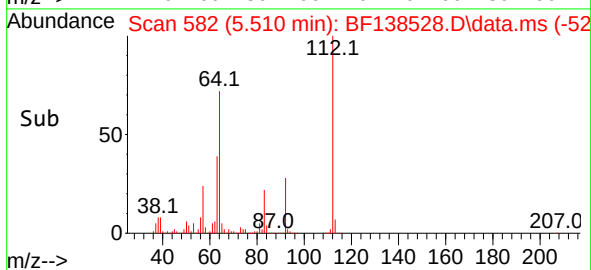
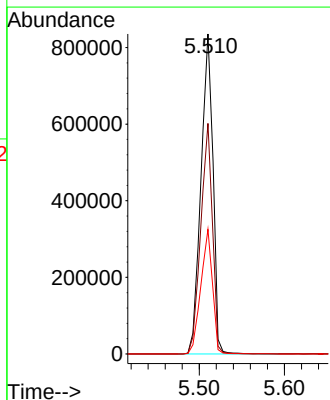
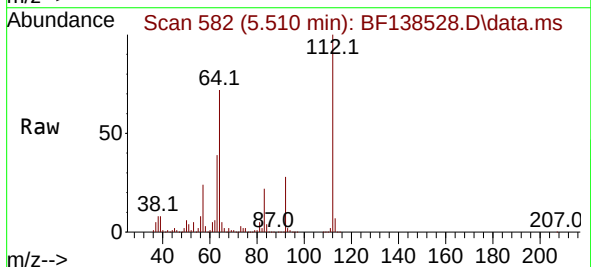
Instrument :
BNA_F
ClientSampleId :
WC-2

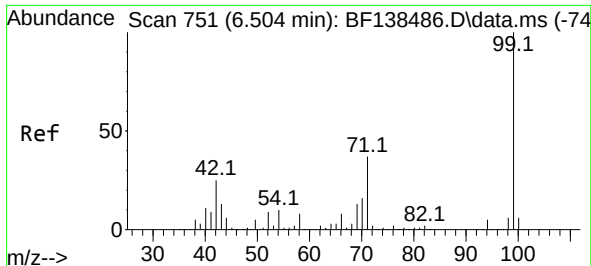
Tgt Ion:152 Resp: 82772
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.4
115 63.0 50.3 75.5



#5
2-Fluorophenol
Concen: 156.282 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

Tgt Ion:112 Resp: 816780
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 39.0 29.0 43.6

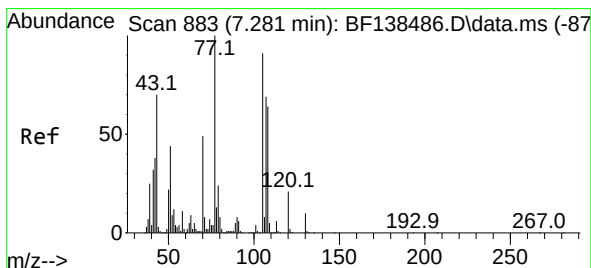
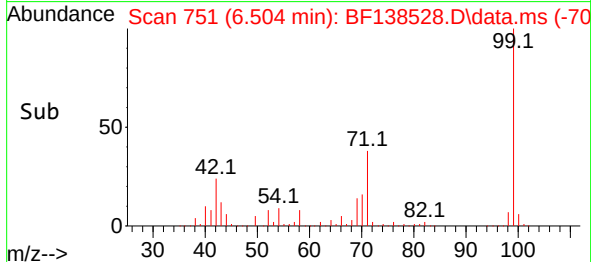
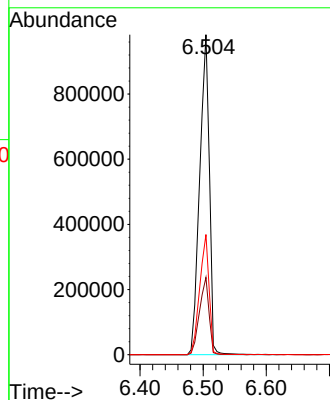
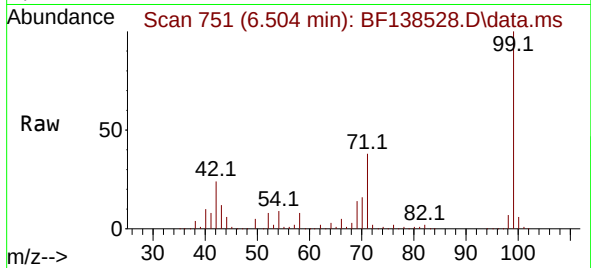




#7
Phenol-d6
Concen: 149.804 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

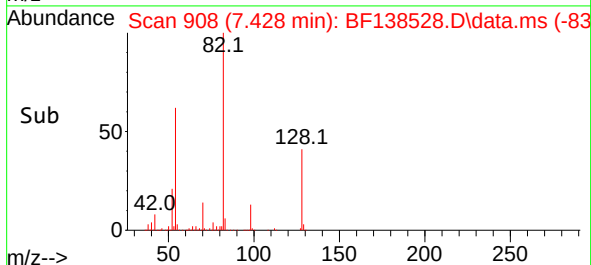
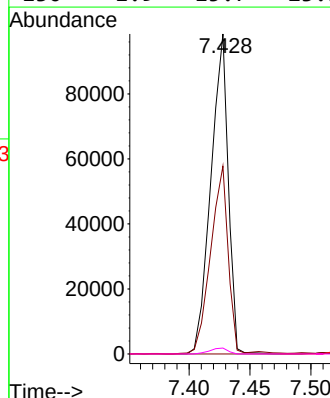
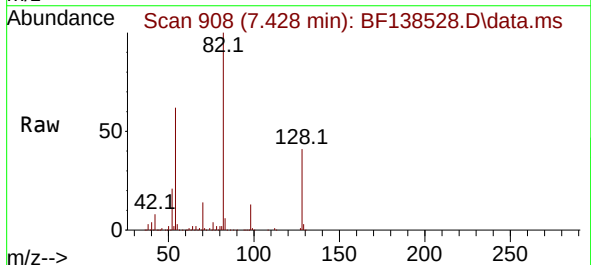
Instrument :
BNA_F
ClientSampleId :
WC-2

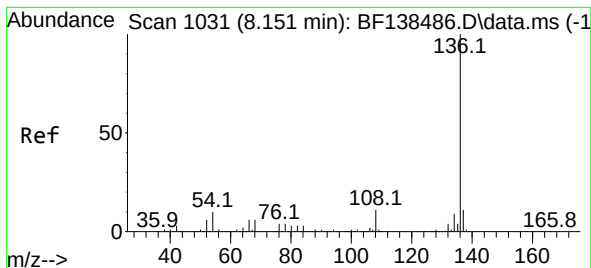
Tgt Ion: 99 Resp: 1041519
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 37.5 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 22.657 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

Tgt Ion: 70 Resp: 97336
Ion Ratio Lower Upper
70 100
42 58.7 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: 8.139 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion:136 Resp: 321763

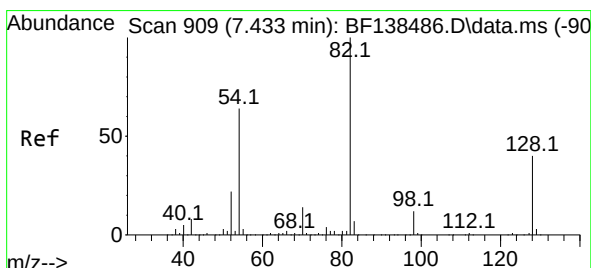
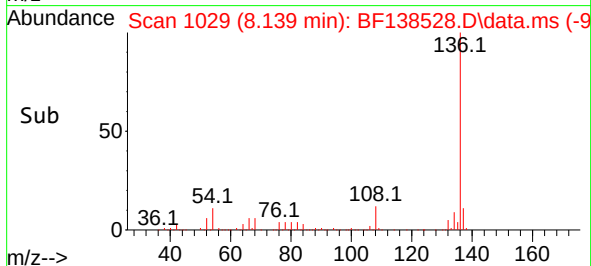
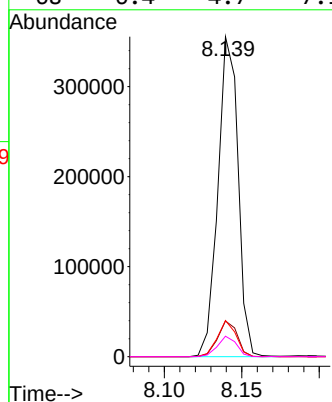
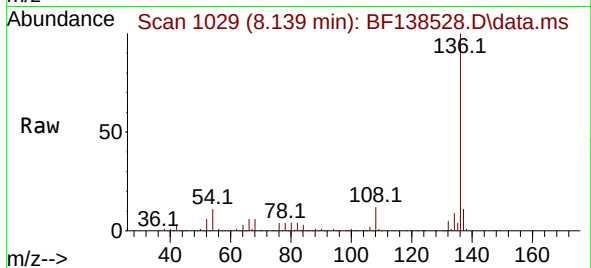
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 11.3 8.1 12.1

68 6.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 109.358 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

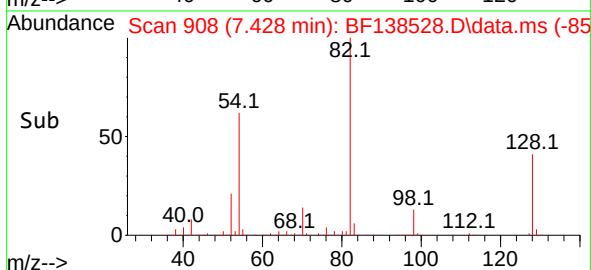
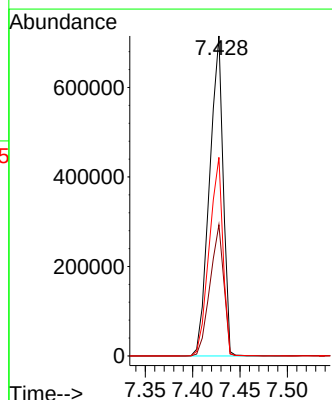
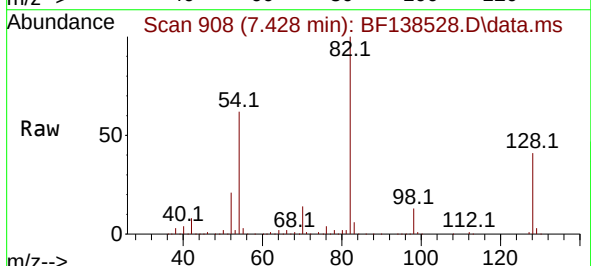
Tgt Ion: 82 Resp: 716682

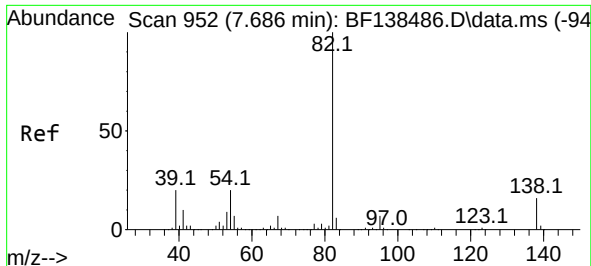
Ion Ratio Lower Upper

82 100

128 41.0 32.3 48.5

54 62.1 51.4 77.0

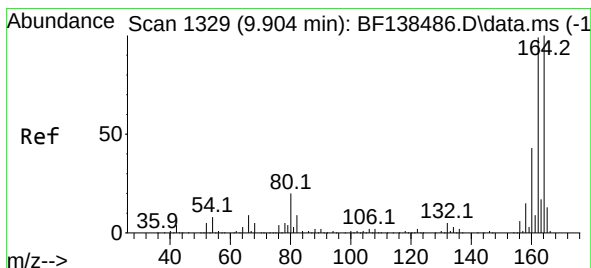
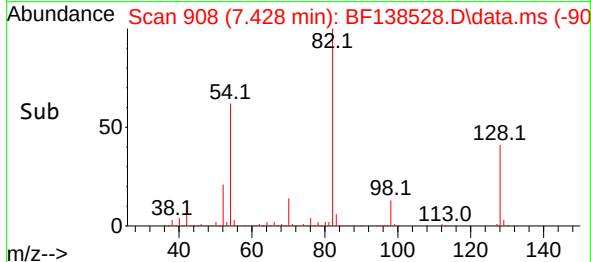
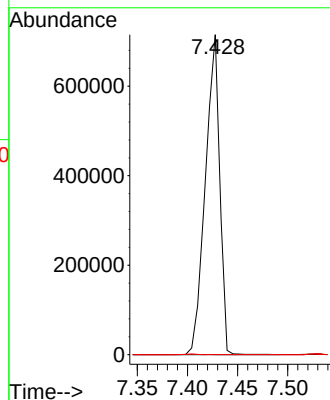
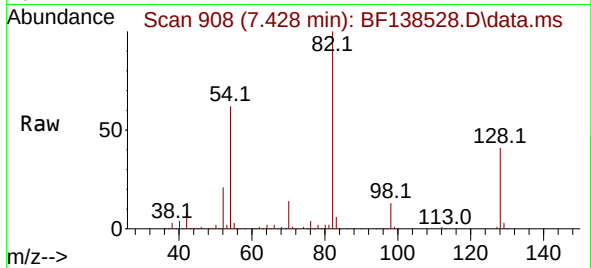




#25
Isophorone
Concen: 63.679 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

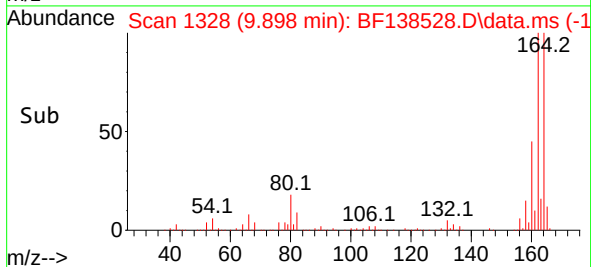
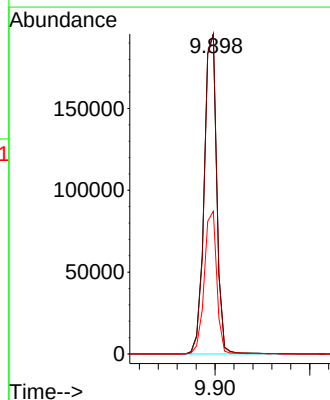
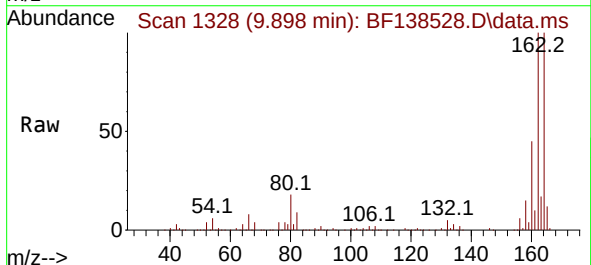
Instrument :
BNA_F
ClientSampleId :
WC-2

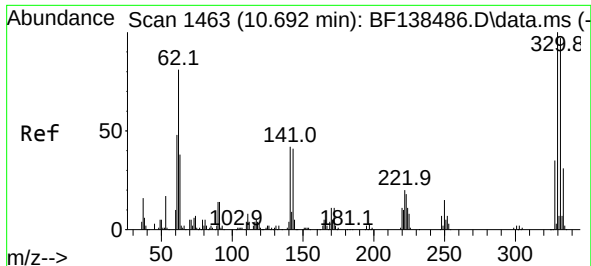
Tgt Ion: 82 Resp: 716668
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

Tgt Ion: 164 Resp: 179832
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.6
160 44.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 148.446 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

Instrument :

BNA_F

ClientSampleId :

WC-2

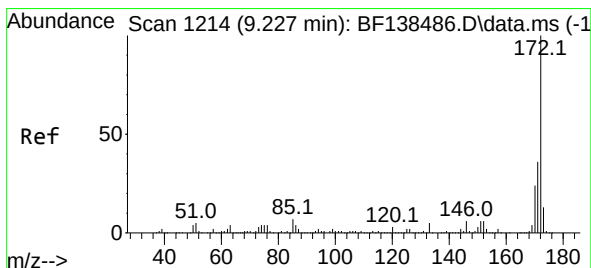
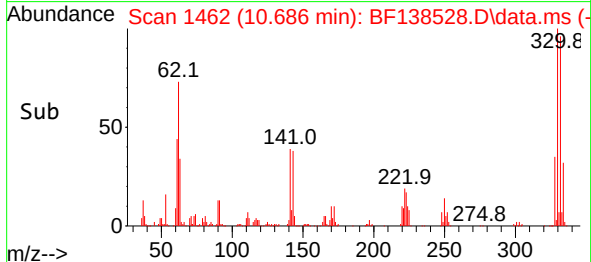
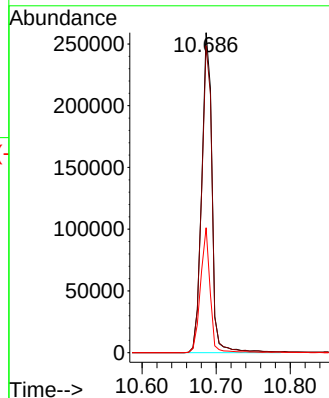
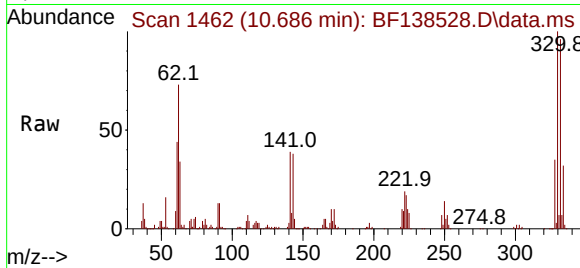
Tgt Ion:330 Resp: 249494

Ion Ratio Lower Upper

330 100

332 98.5 76.8 115.2

141 36.5 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 109.027 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

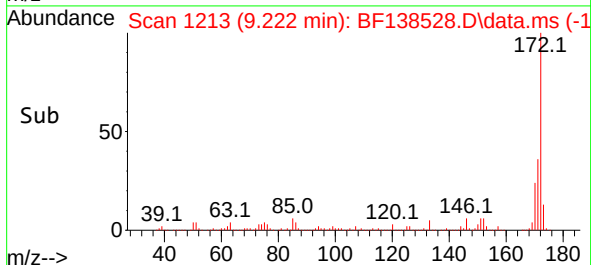
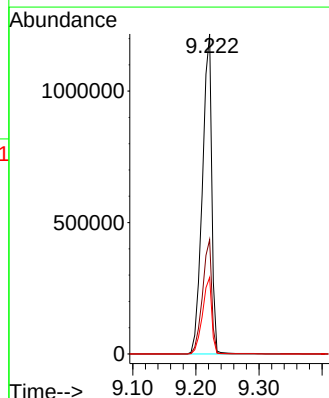
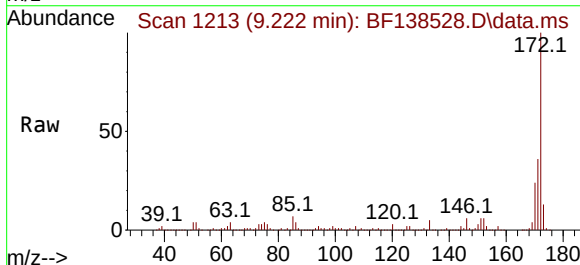
Tgt Ion:172 Resp: 1254489

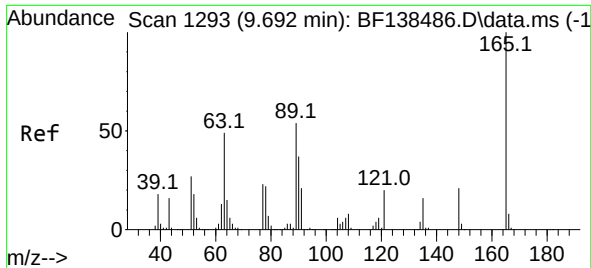
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.9 18.9 28.3

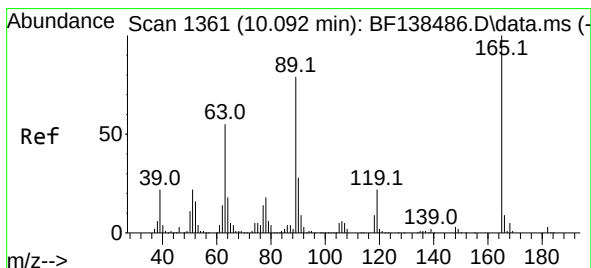
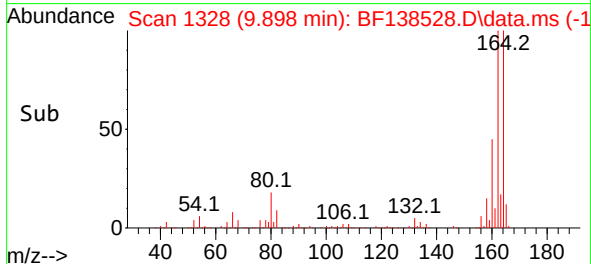
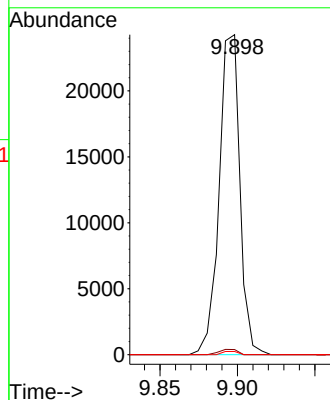
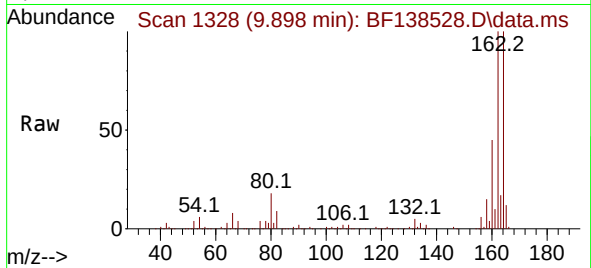




#51
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

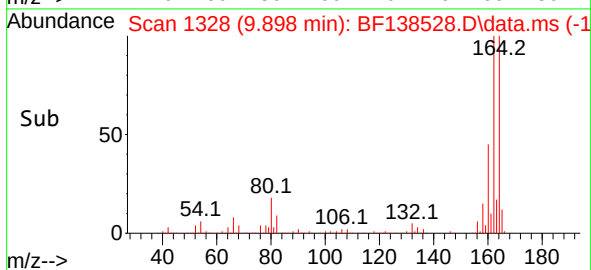
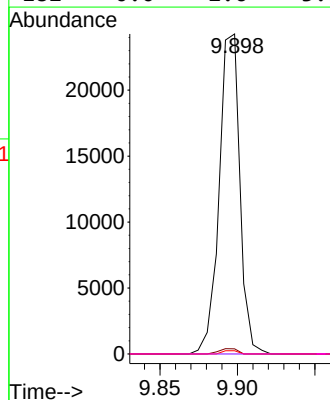
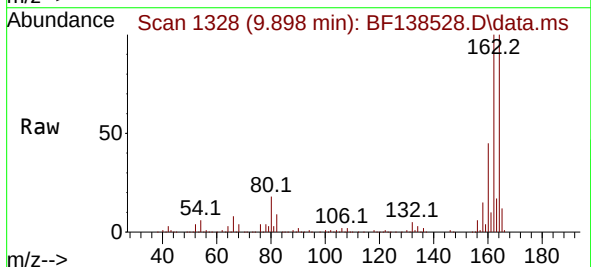
Instrument :
BNA_F
ClientSampleId :
WC-2

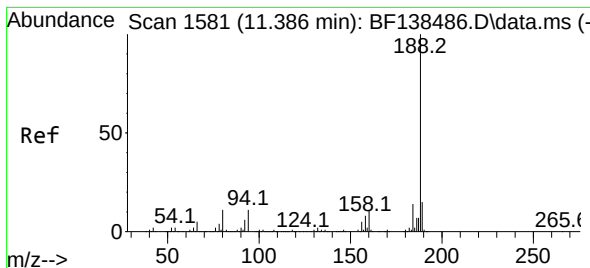
Tgt Ion:165 Resp: 22551
Ion Ratio Lower Upper
165 100
63 1.6 48.1 72.1#
89 1.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138528.D
Acq: 11 Jul 2024 17:46

Tgt Ion:165 Resp: 22551
Ion Ratio Lower Upper
165 100
63 1.6 44.6 66.8#
89 1.0 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

Instrument :

BNA_F

ClientSampleId :

WC-2

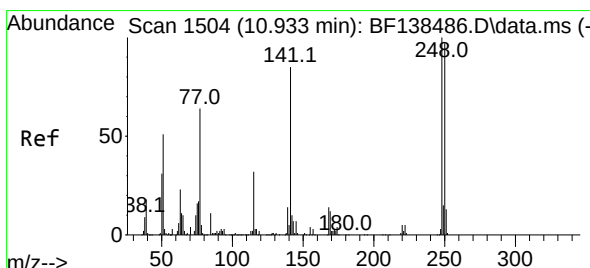
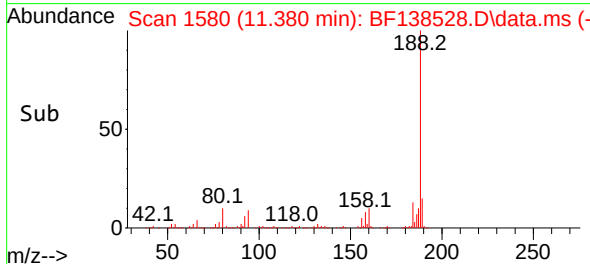
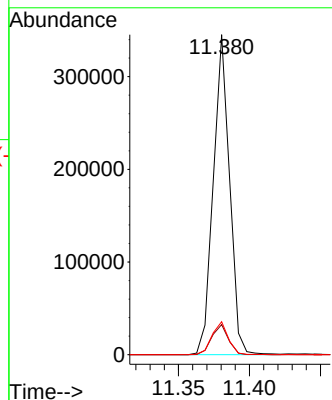
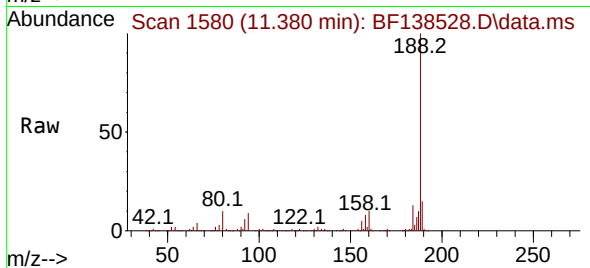
Tgt Ion:188 Resp: 275959

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

80 10.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 6.192 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

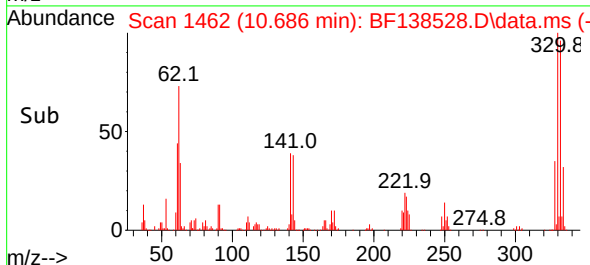
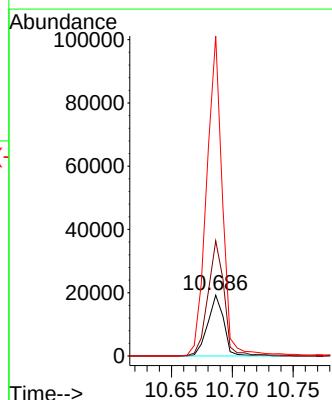
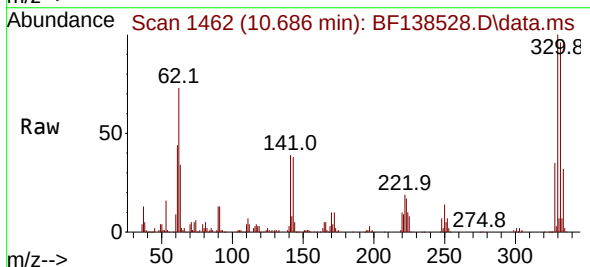
Tgt Ion:248 Resp: 17563

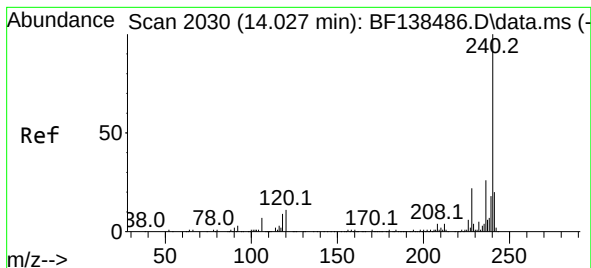
Ion Ratio Lower Upper

248 100

250 189.6 77.9 116.9#

141 526.3 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

Instrument :

BNA_F

ClientSampleId :

WC-2

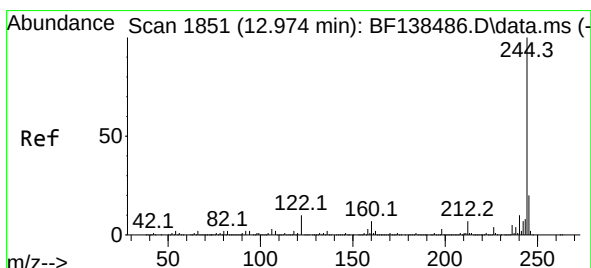
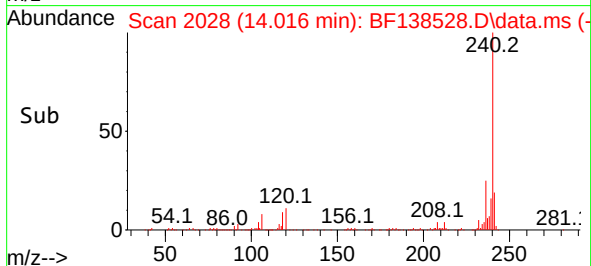
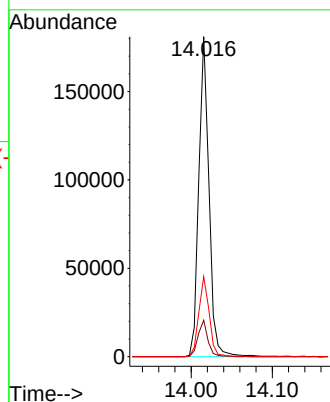
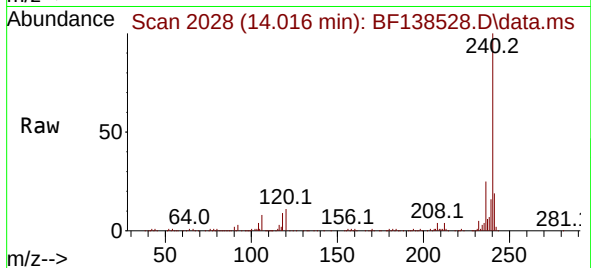
Tgt Ion:240 Resp: 158825

Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

236 25.0 21.0 31.6



#79

Terphenyl-d14

Concen: 107.430 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138528.D

Acq: 11 Jul 2024 17:46

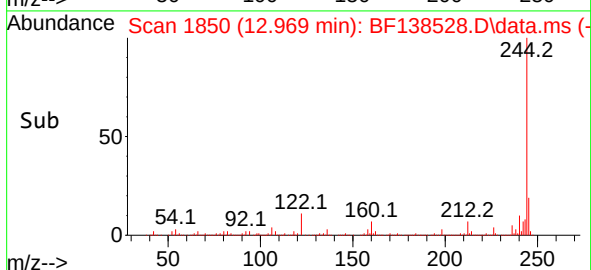
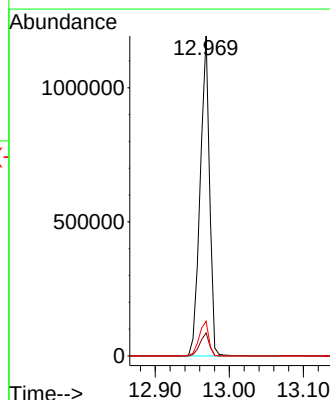
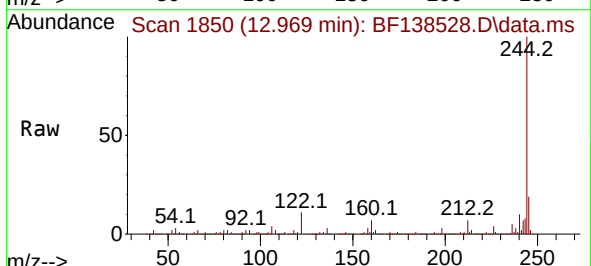
Tgt Ion:244 Resp: 1047353

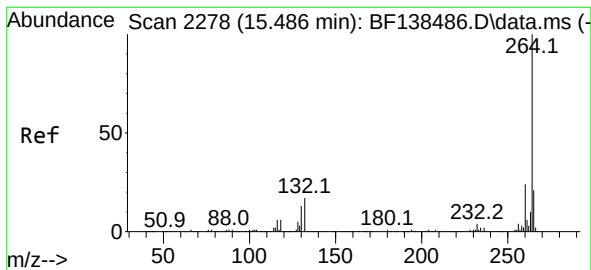
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.9 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: BF138528.D
Acq: 11 Jul 2024 17:46

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:264 Resp: 120363
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 21.1 17.0 25.4

