

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140062.D
 Acq On : 26 Oct 2024 16:20
 Operator : RC/JU
 Sample : P4460-04RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-303-BOT

Quant Time: Oct 28 01:08:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

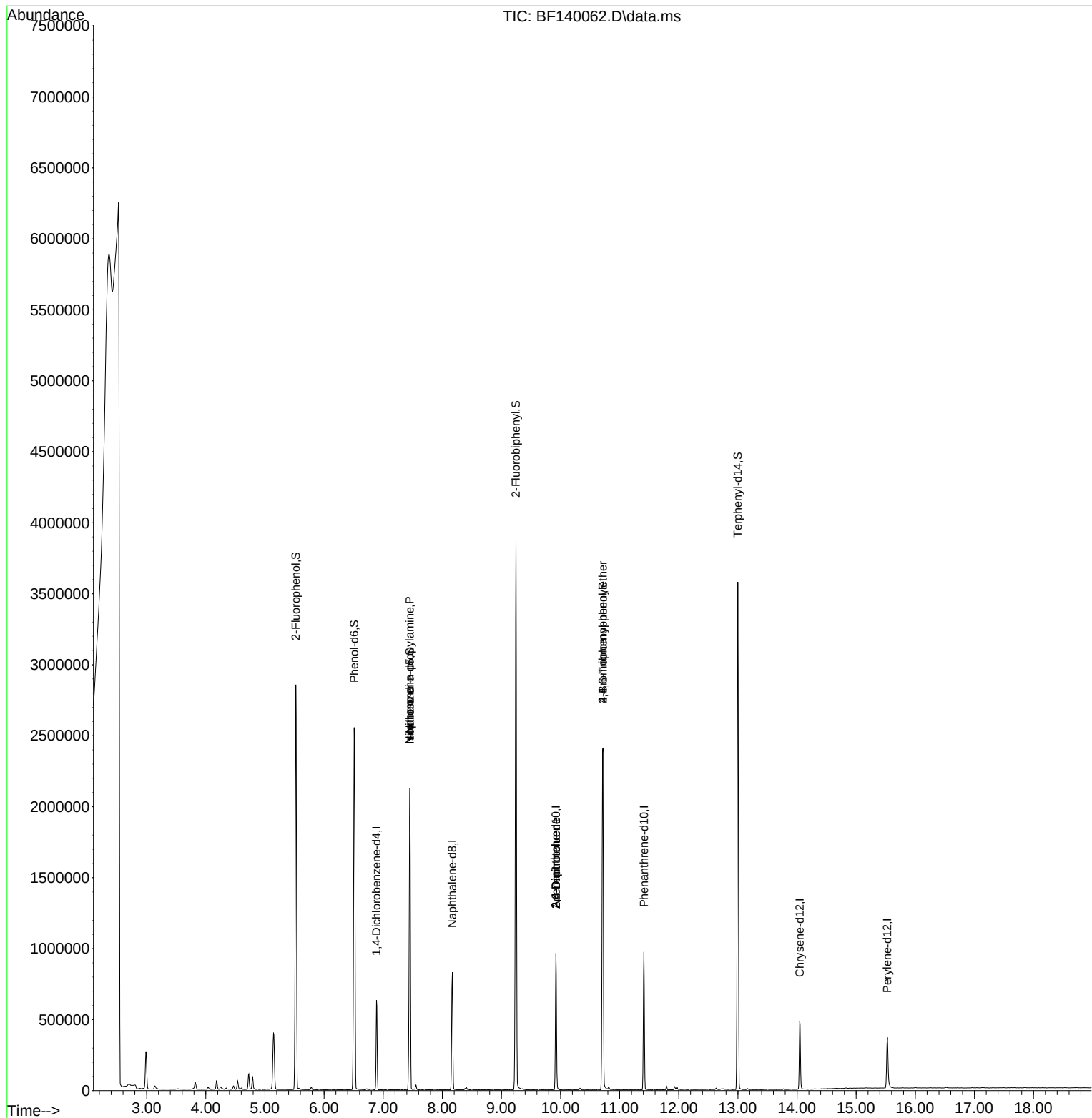
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	131530	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	508830	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	288932	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	511533	20.000	ng	0.00
76) Chrysene-d12	14.045	240	241710	20.000	ng	0.00
86) Perylene-d12	15.527	264	244924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1145583	136.349	ng	0.02
7) Phenol-d6	6.510	99	1350672	124.123	ng	0.00
23) Nitrobenzene-d5	7.451	82	1048712	114.230	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	481734	178.250	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1846633	105.628	ng	0.00
79) Terphenyl-d14	12.998	244	1875650	126.446	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	144434	21.885	ng	# 75
25) Isophorone	7.451	82	1041832	59.789	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	36916	9.474	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	36917	7.704	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30785	5.842	ng	# 1

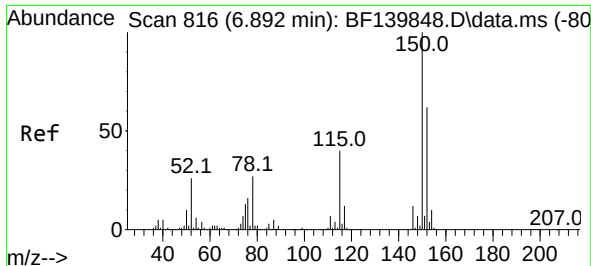
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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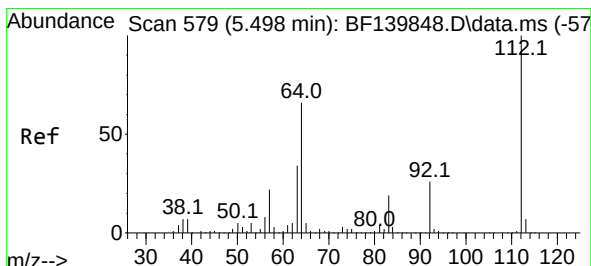
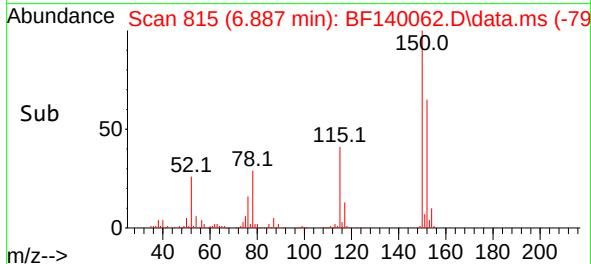
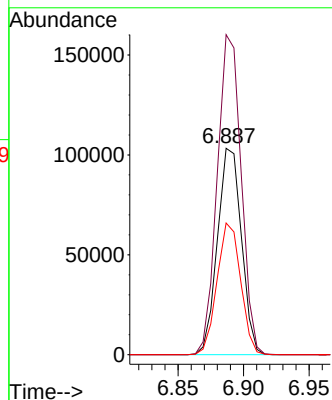
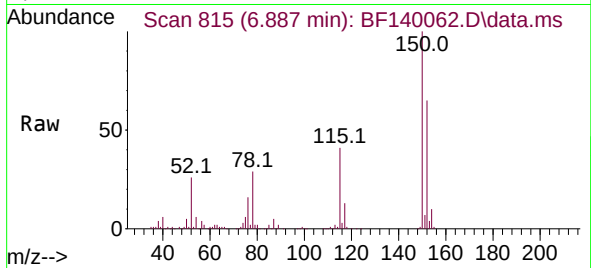




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

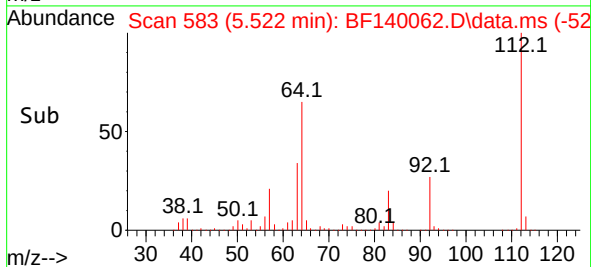
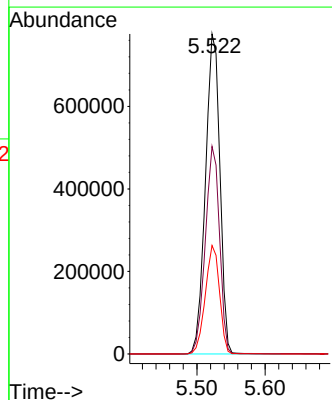
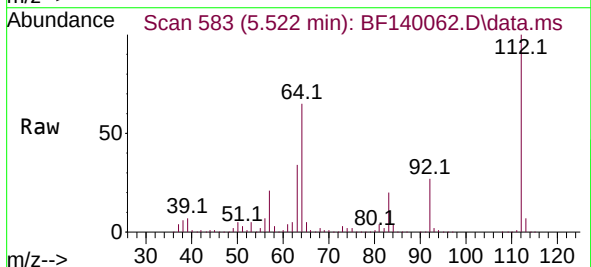
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

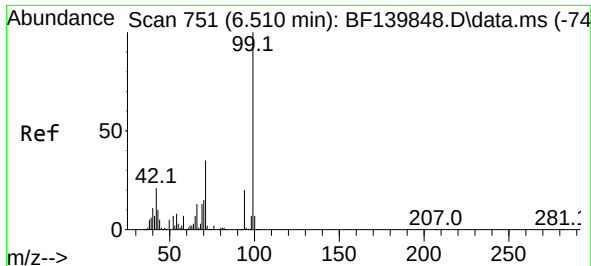
Tgt Ion:152 Resp: 131530
Ion Ratio Lower Upper
152 100
150 155.0 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 136.349 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion:112 Resp: 1145583
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.9 27.0 40.4

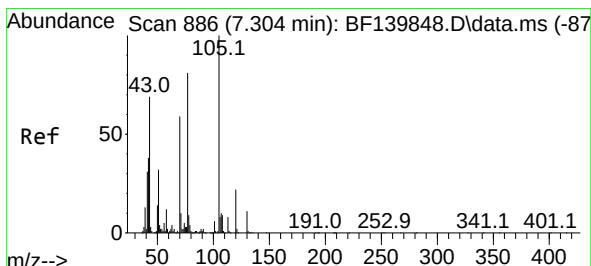
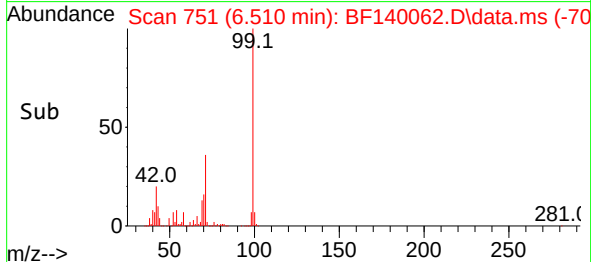
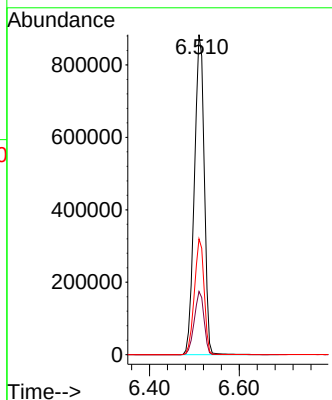
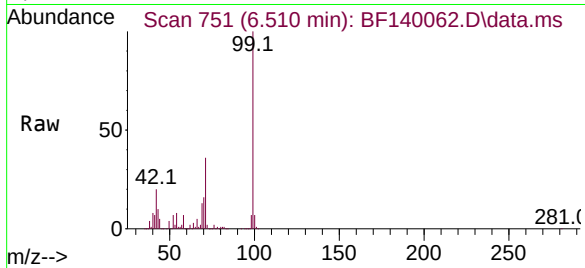




#7
Phenol-d6
Concen: 124.123 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

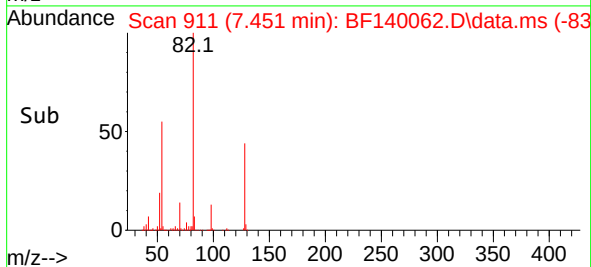
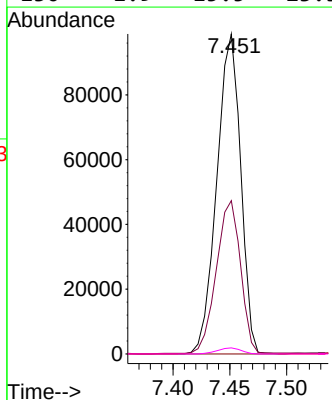
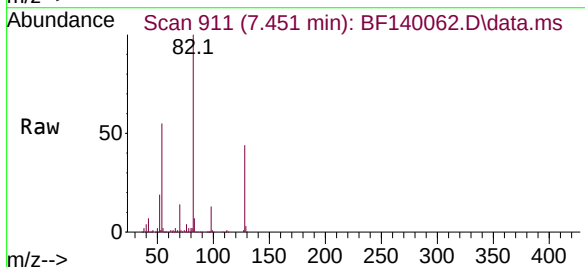
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

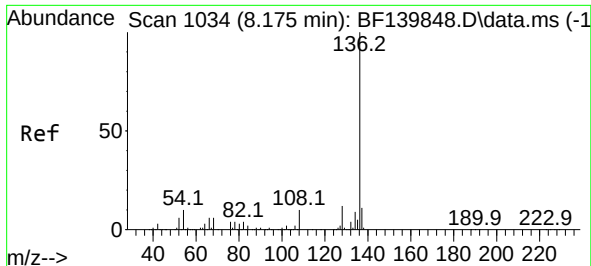
Tgt Ion: 99 Resp: 1350672
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 36.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.885 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion: 70 Resp: 144434
Ion Ratio Lower Upper
70 100
42 47.9 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

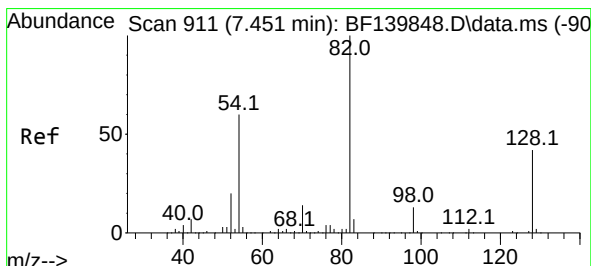
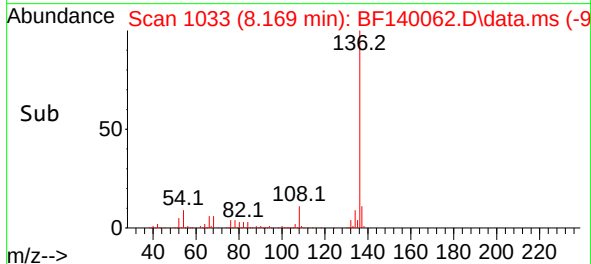
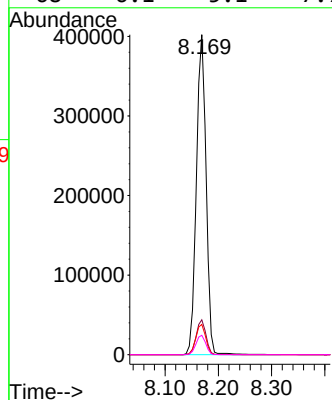
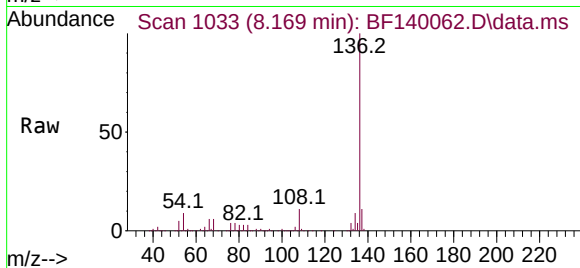
Instrument :

BNA_F

ClientSampleId :

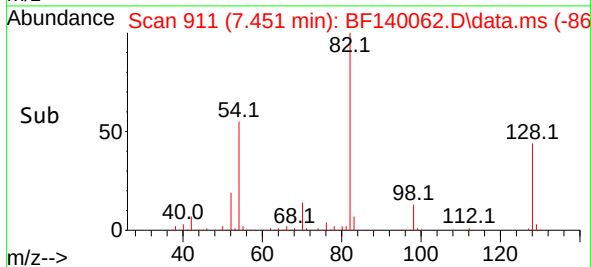
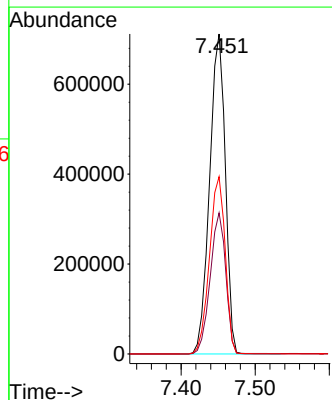
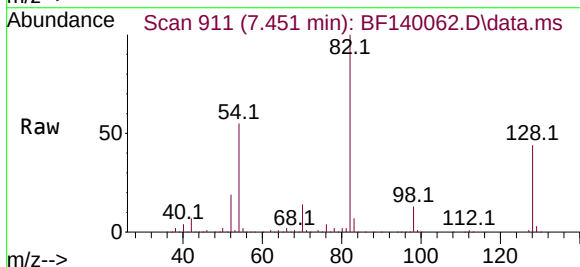
WB-303-BOT

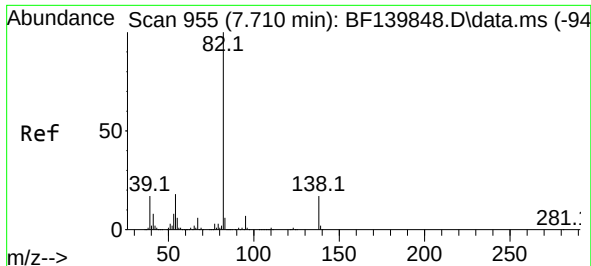
Tgt Ion:136 Resp: 508830
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 114.230 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion: 82 Resp: 1048712
Ion Ratio Lower Upper
82 100
128 44.1 33.4 50.0
54 55.4 47.8 71.8

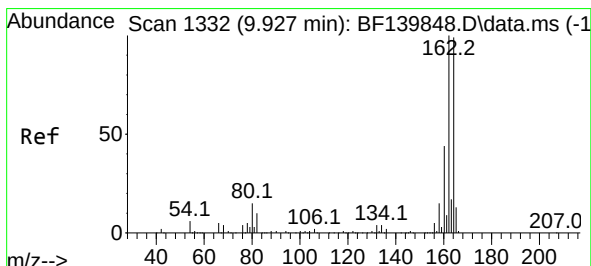
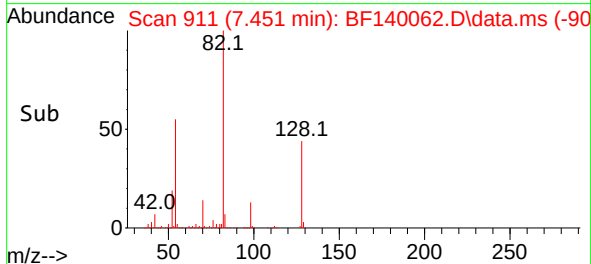
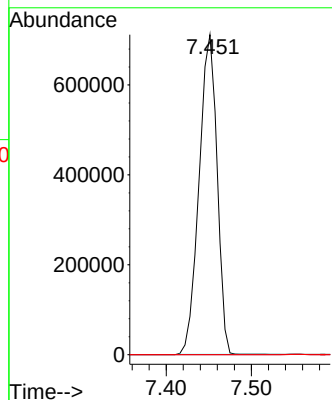
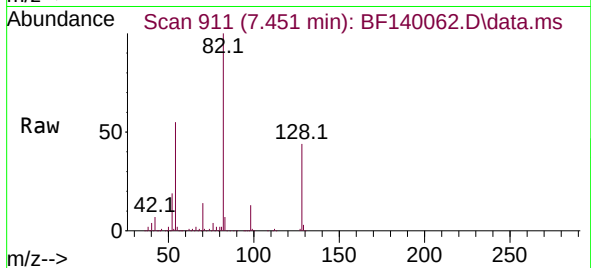




#25
Isophorone
Concen: 59.789 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

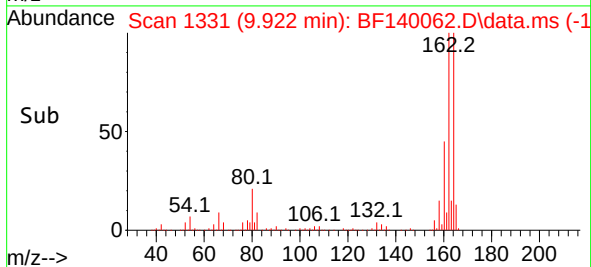
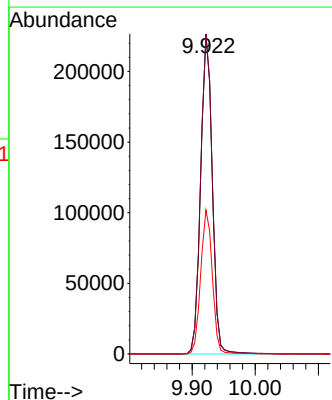
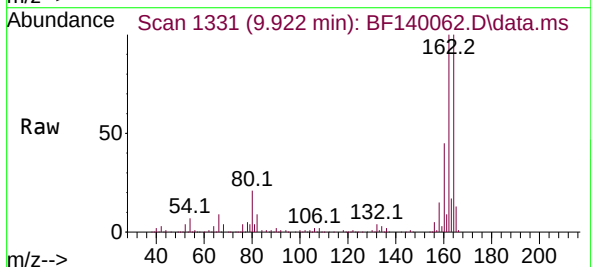
Instrument :
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ClientSampleId :
WB-303-BOT

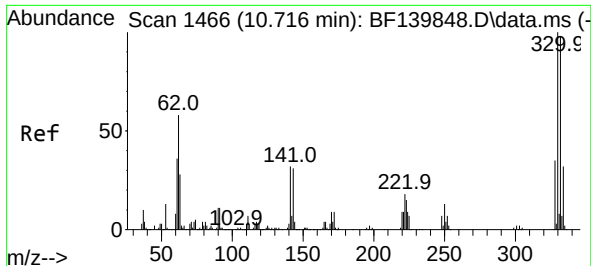
Tgt Ion: 82 Resp: 1041832
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion: 164 Resp: 288932
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.1 35.4 53.0

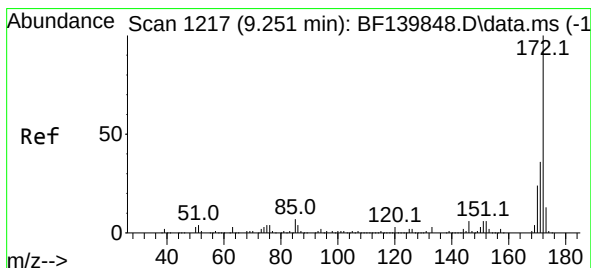
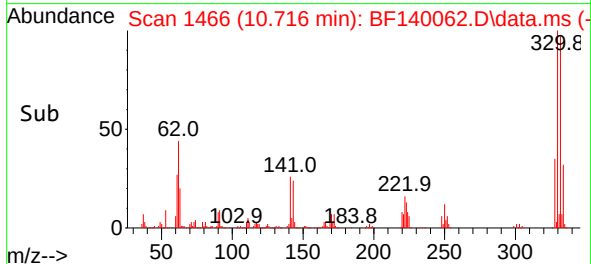
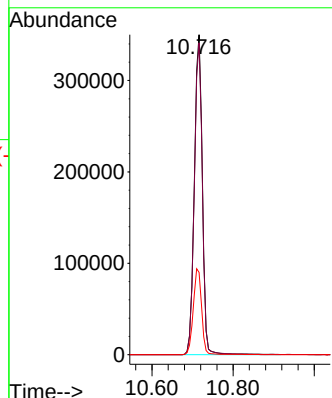
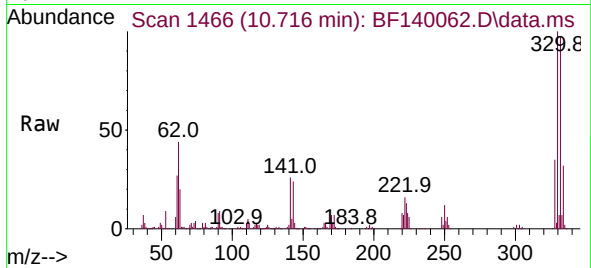




#42
2,4,6-Tribromophenol
Concen: 178.250 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

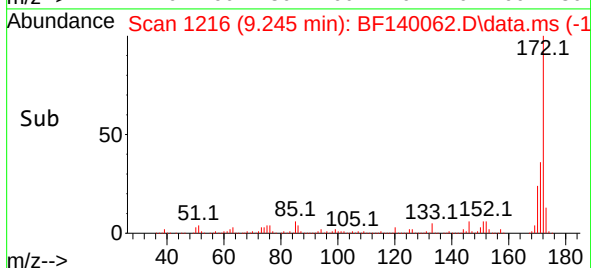
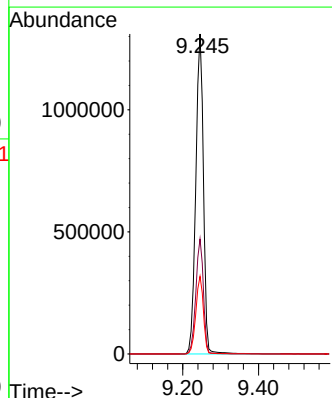
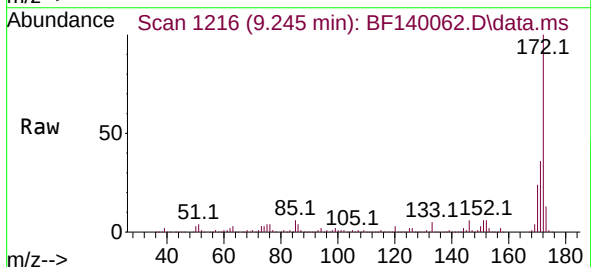
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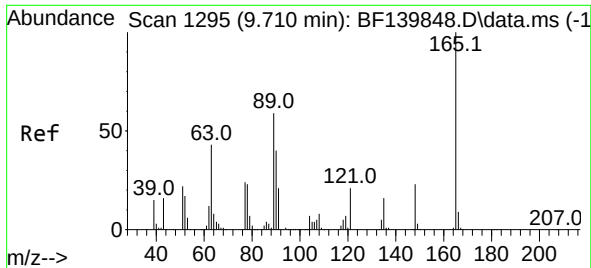
Tgt Ion:330 Resp: 481734
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 27.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 105.628 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion:172 Resp: 1846633
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.3 19.1 28.7

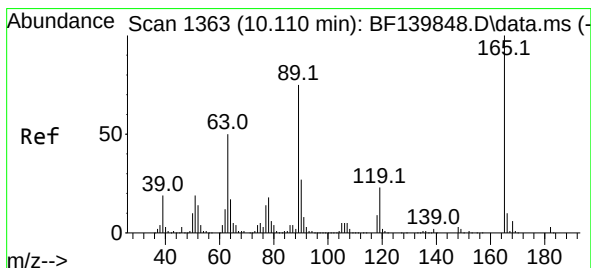
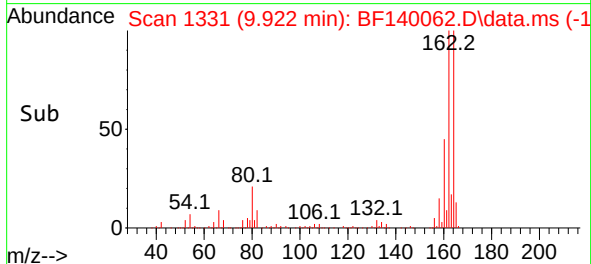
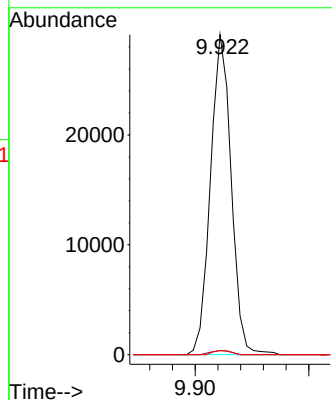
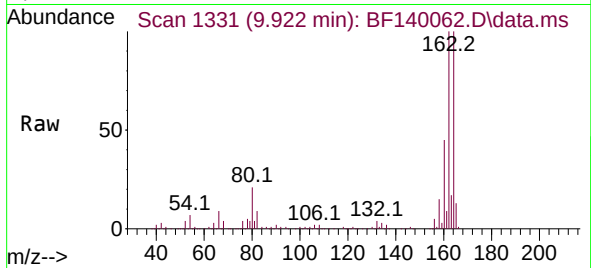




#51
2,6-Dinitrotoluene
Concen: 9.474 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

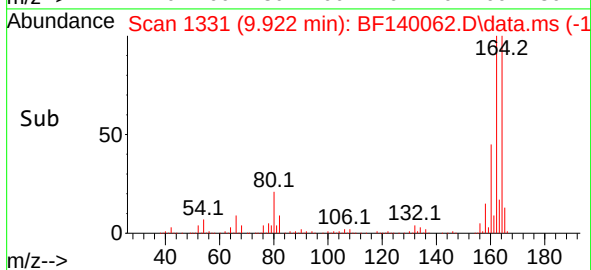
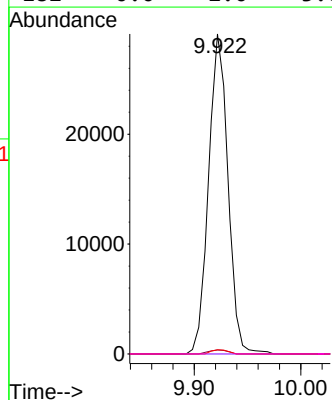
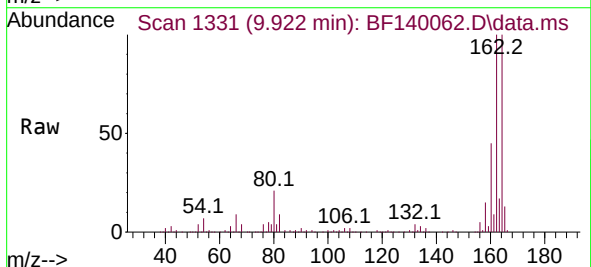
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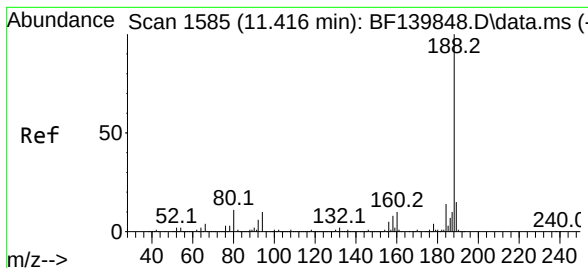
Tgt Ion:165 Resp: 36916
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.704 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Tgt Ion:165 Resp: 36917
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

Instrument :

BNA_F

ClientSampleId :

WB-303-BOT

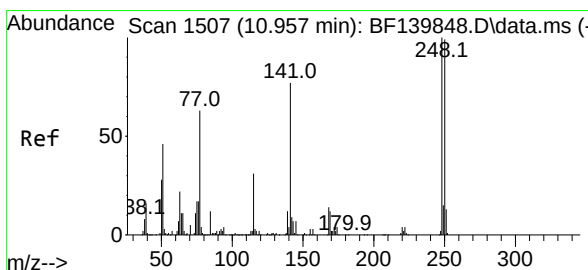
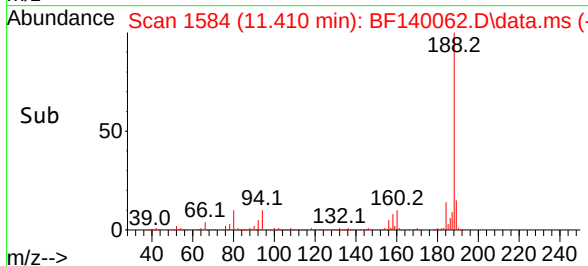
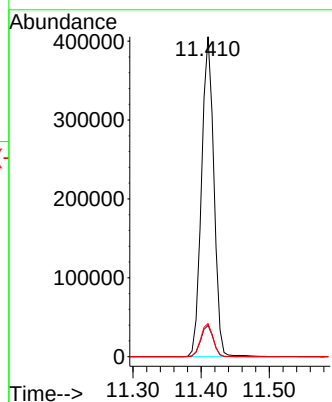
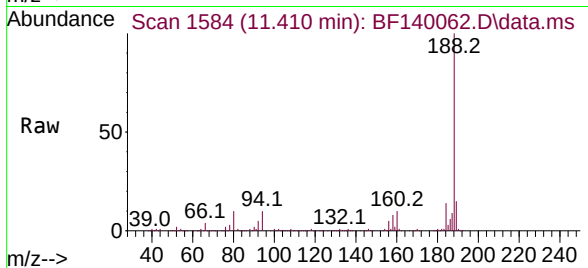
Tgt Ion:188 Resp: 511533

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.842 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

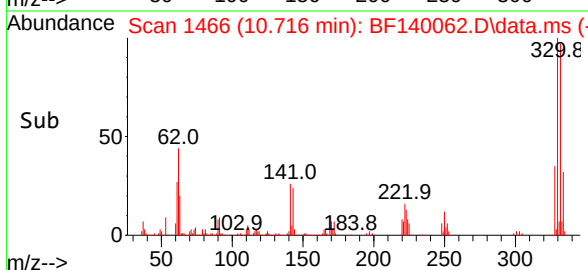
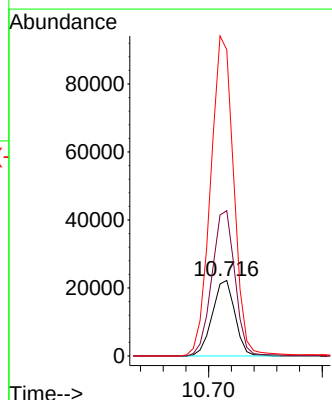
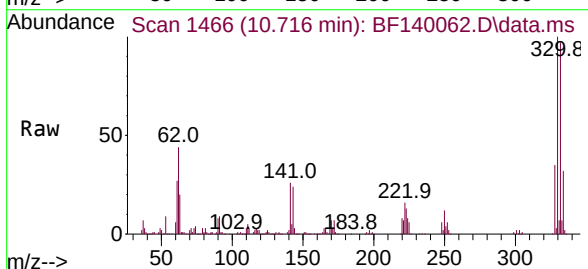
Tgt Ion:248 Resp: 30785

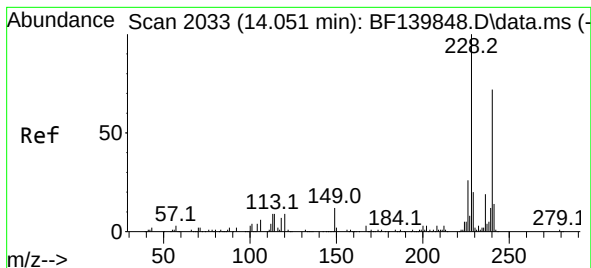
Ion Ratio Lower Upper

248 100

250 192.3 79.0 118.6#

141 405.6 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

Instrument :

BNA_F

ClientSampleId :

WB-303-BOT

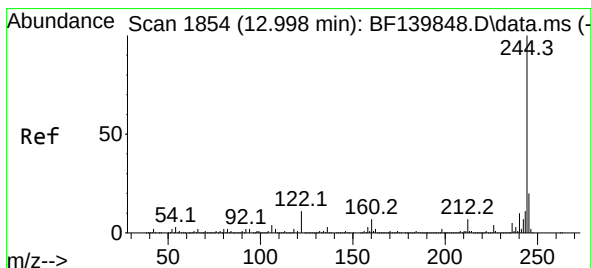
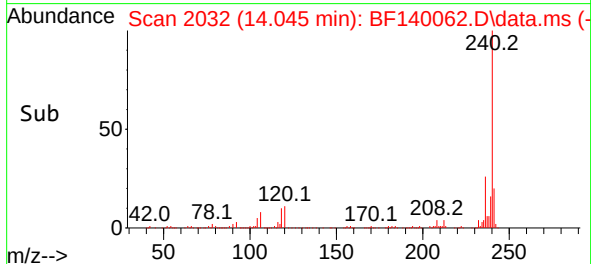
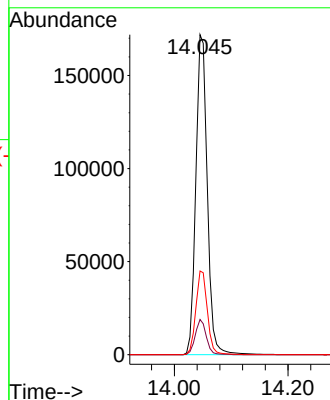
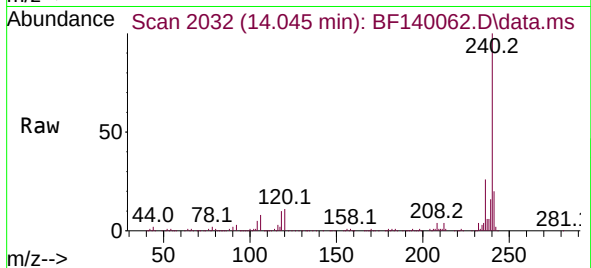
Tgt Ion:240 Resp: 241710

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 126.446 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140062.D

Acq: 26 Oct 2024 16:20

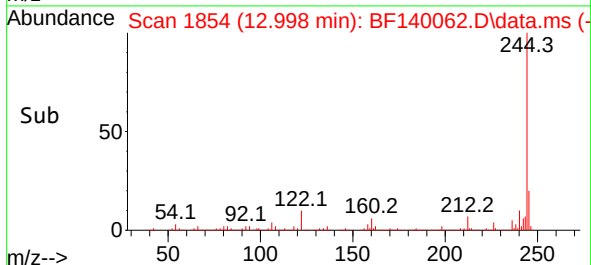
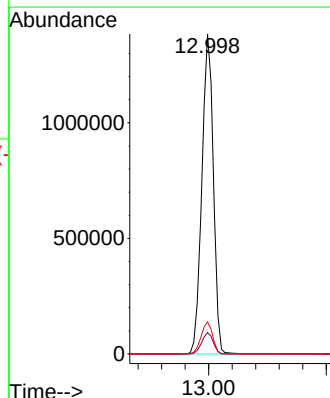
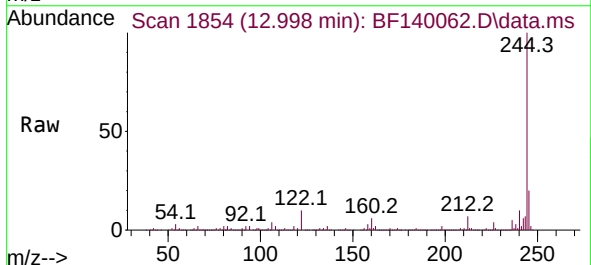
Tgt Ion:244 Resp: 1875650

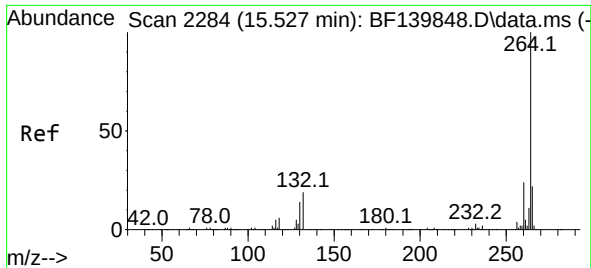
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

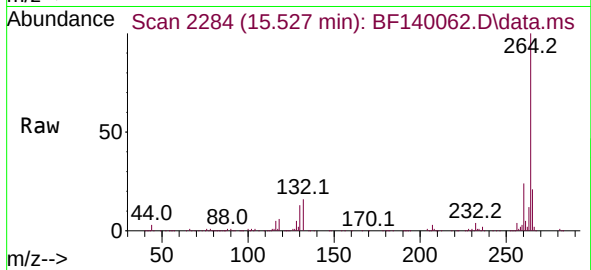
122 10.0 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140062.D
Acq: 26 Oct 2024 16:20

Instrument :
BNA_F
ClientSampleId :
WB-303-BOT



Tgt Ion:264 Resp: 244924

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.4	17.4	26.0

