

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138946.D
 Acq On : 12 Aug 2024 21:29
 Operator : RC/JU
 Sample : P3530-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-04-202408

Quant Time: Aug 13 01:02:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

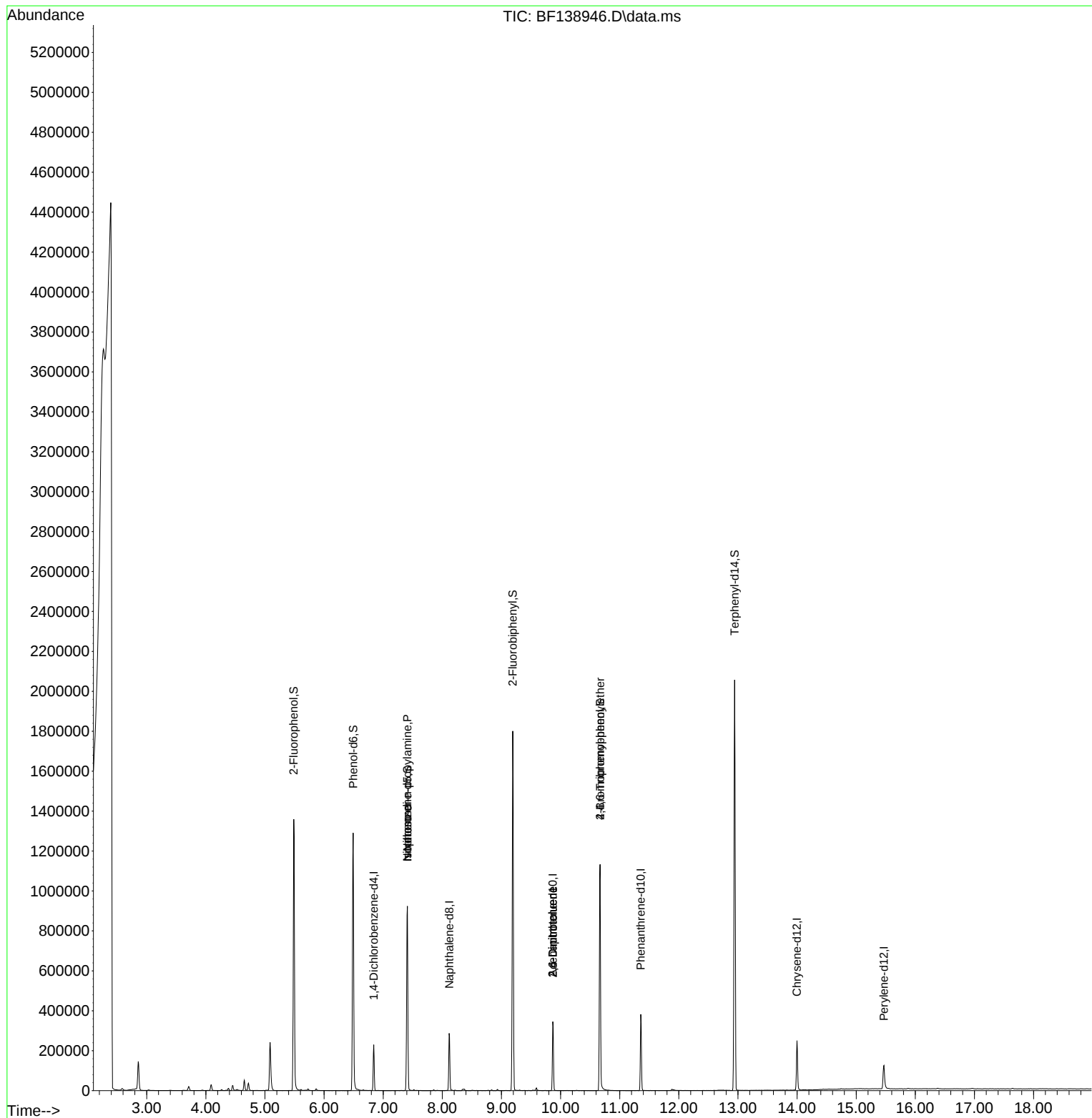
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43265	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	176040	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	101493	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	196155	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	118592	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	83240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	470108	167.730	ng	0.02
7) Phenol-d6	6.492	99	591439	157.172	ng	0.00
23) Nitrobenzene-d5	7.410	82	419675	116.556	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	176423	212.209	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	768531	113.773	ng	-0.01
79) Terphenyl-d14	12.945	244	1012845	142.992	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	57914	25.482	ng	# 78
25) Isophorone	7.410	82	419670	68.258	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13404	9.152	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	13404	7.173	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	12490	5.881	ng	# 1

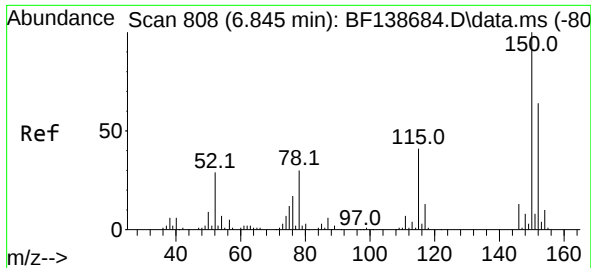
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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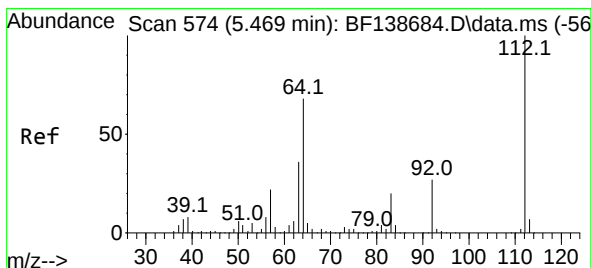
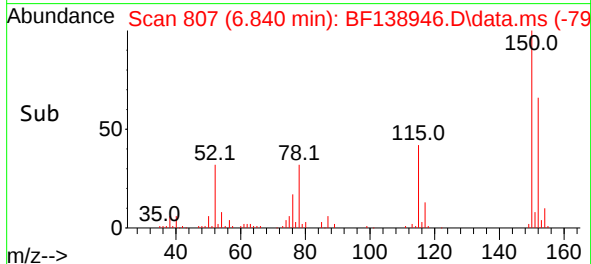
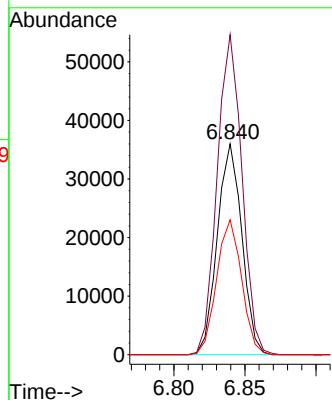
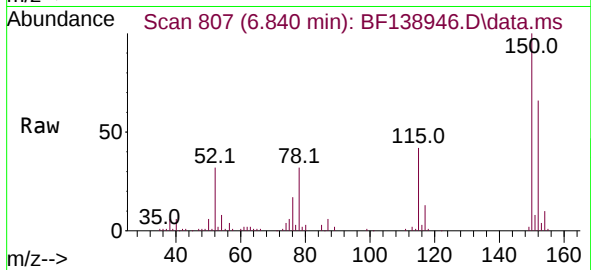




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

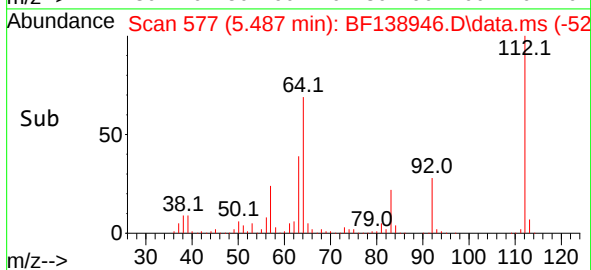
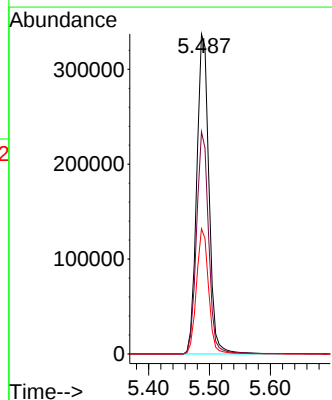
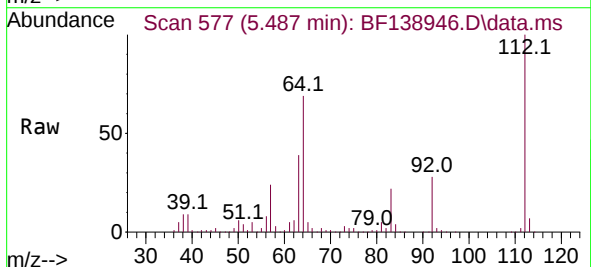
Instrument :
BNA_F
ClientSampleId :
WC-S-04-202408

Tgt Ion:152 Resp: 43265
Ion Ratio Lower Upper
152 100
150 151.7 126.0 189.0
115 63.9 51.7 77.5



#5
2-Fluorophenol
Concen: 167.730 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

Tgt Ion:112 Resp: 470108
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 39.2 28.7 43.1

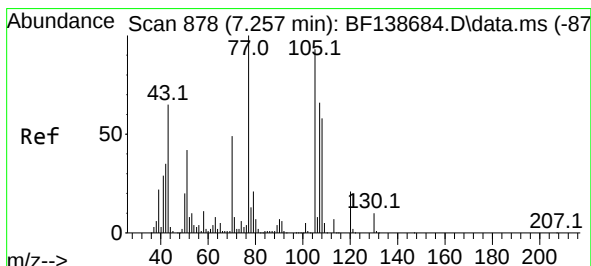
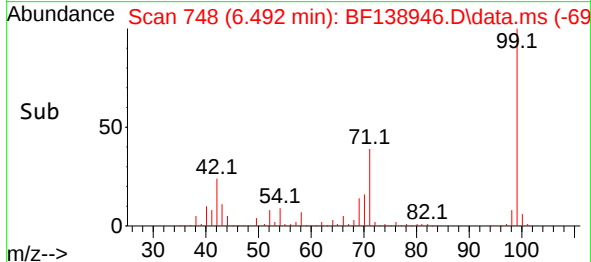
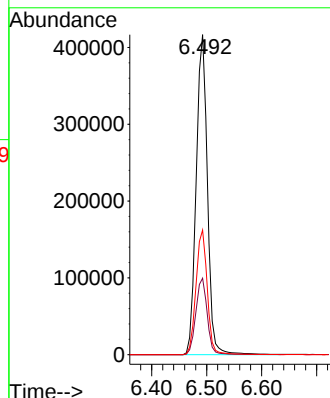
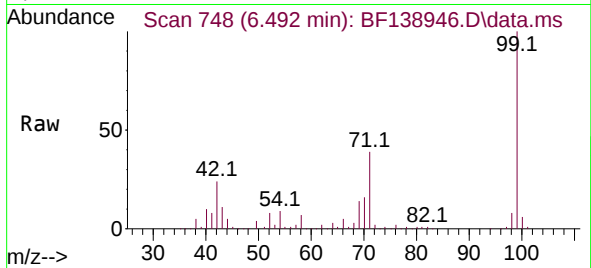




#7
Phenol-d6
Concen: 157.172 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

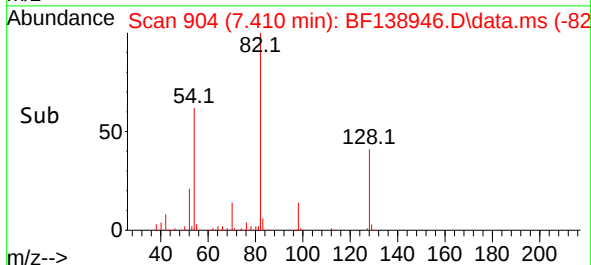
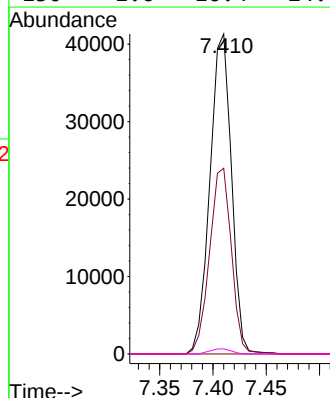
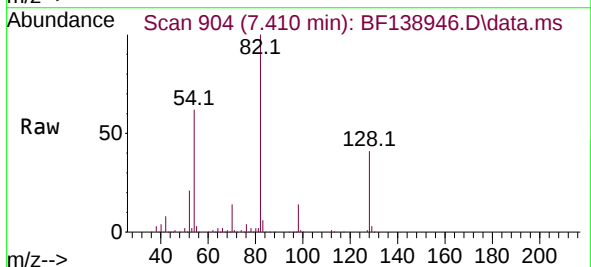
Instrument :
BNA_F
ClientSampleId :
WC-S-04-202408

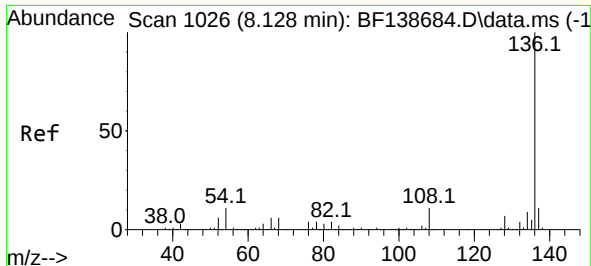
Tgt Ion: 99 Resp: 591439
Ion Ratio Lower Upper
99 100
42 23.9 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 25.482 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

Tgt Ion: 70 Resp: 57914
Ion Ratio Lower Upper
70 100
42 58.1 57.4 86.0
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#

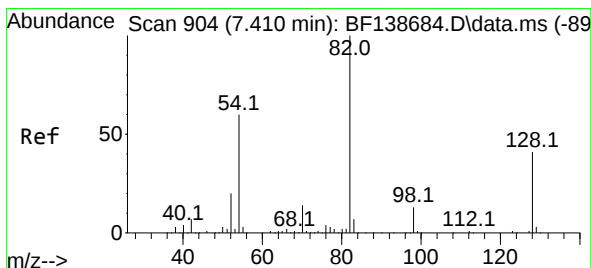
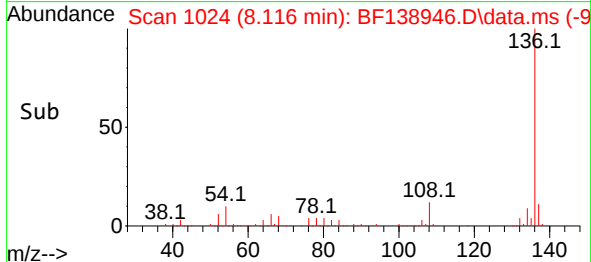
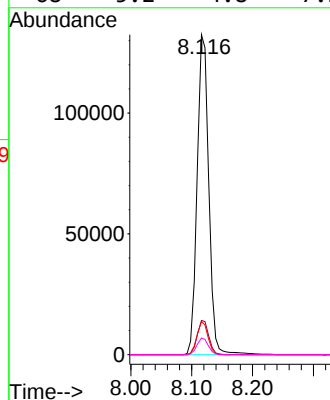
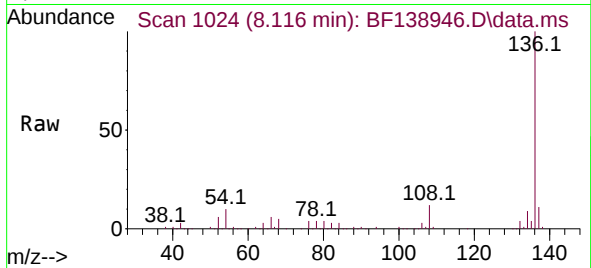




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

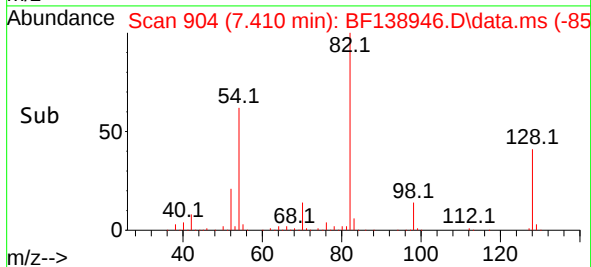
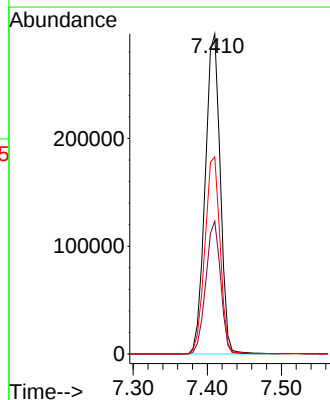
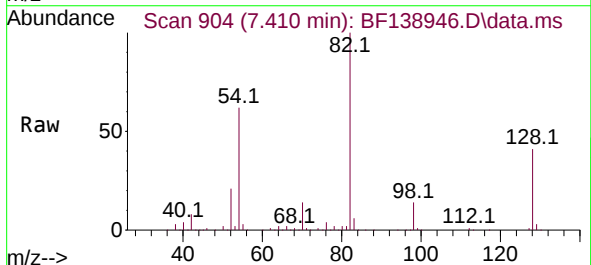
Instrument :
BNA_F
ClientSampleId :
WC-S-04-202408

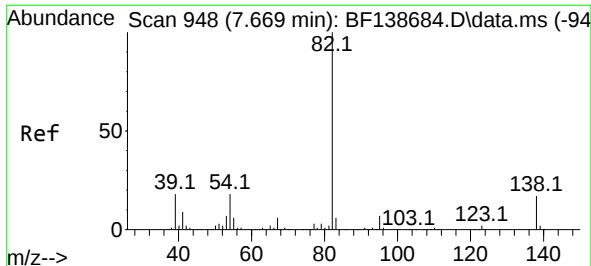
Tgt Ion:136	Resp: 176040
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 10.3	8.6 12.8
68 5.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 116.556 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

Tgt Ion: 82	Resp: 419675
Ion Ratio	Lower Upper
82 100	
128 41.4	32.8 49.2
54 61.6	48.3 72.5

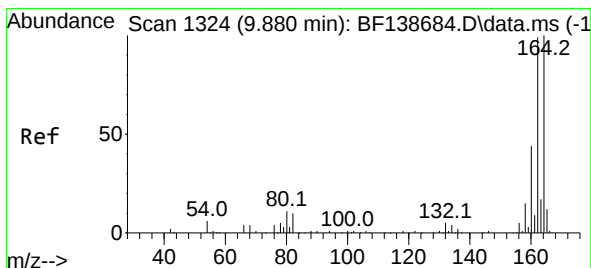
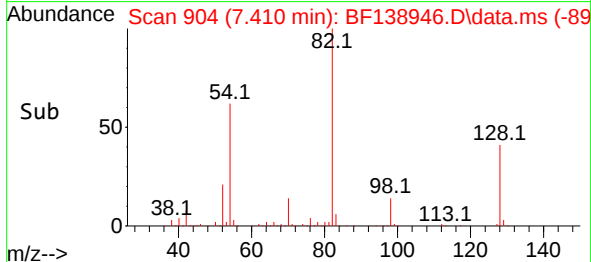
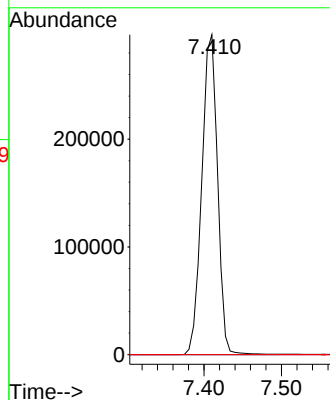
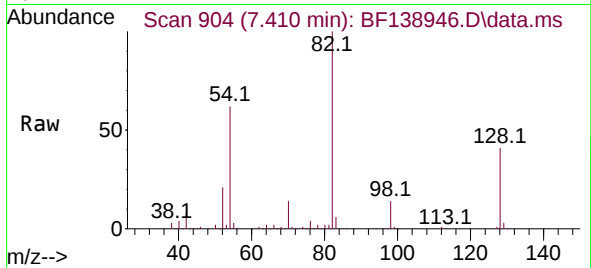




#25
Isophorone
Concen: 68.258 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

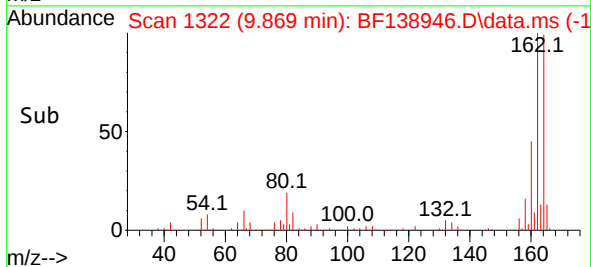
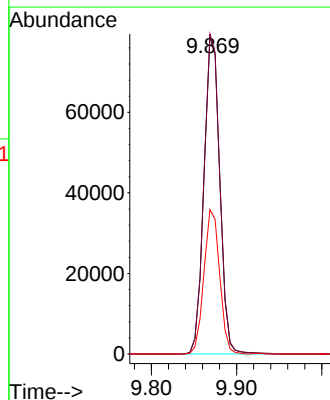
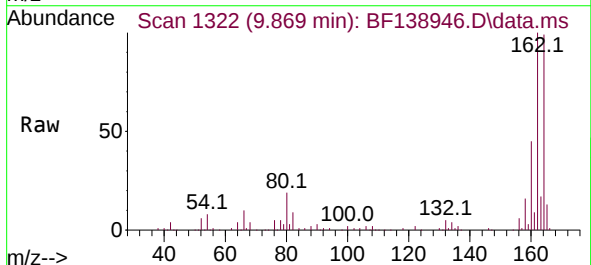
Instrument :
BNA_F
ClientSampleId :
WC-S-04-202408

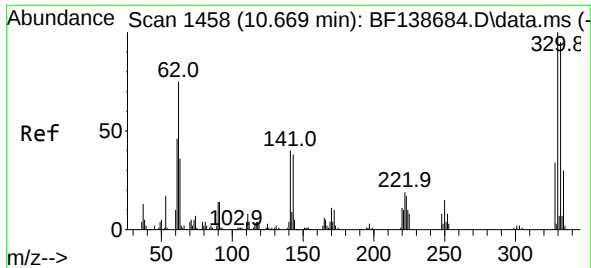
Tgt Ion: 82 Resp: 419670
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

Tgt Ion: 164 Resp: 101493
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 45.5 35.1 52.7

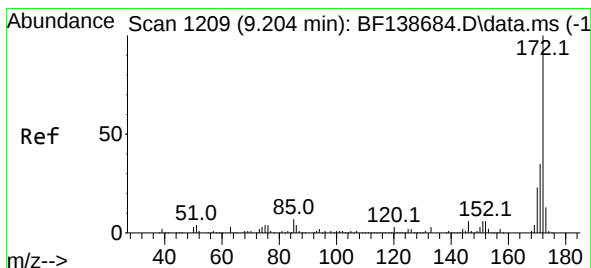
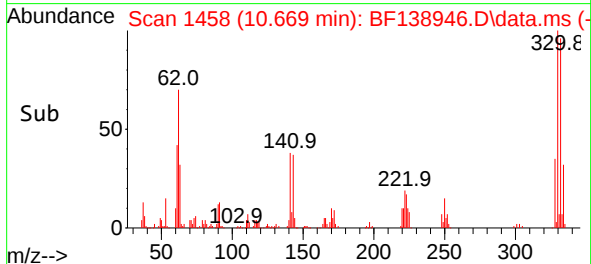
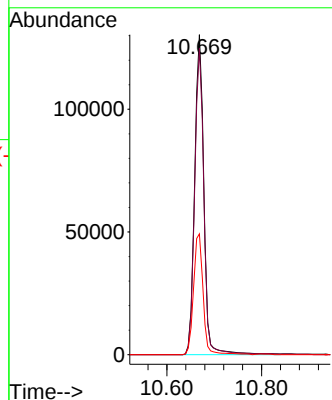
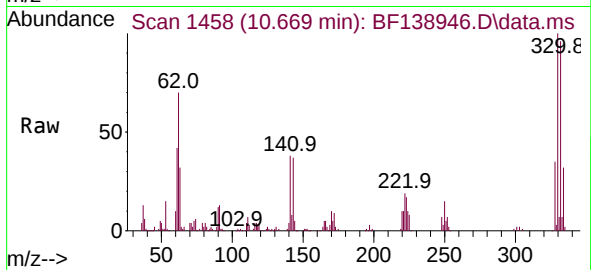




#42
2,4,6-Tribromophenol
Concen: 212.209 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

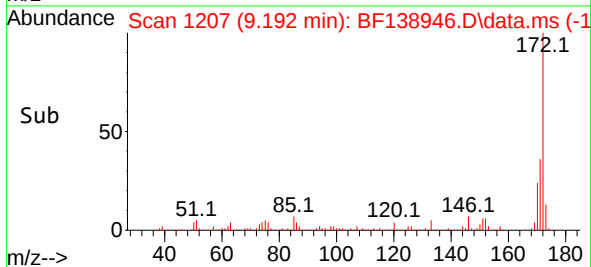
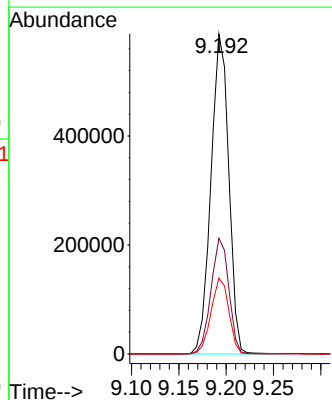
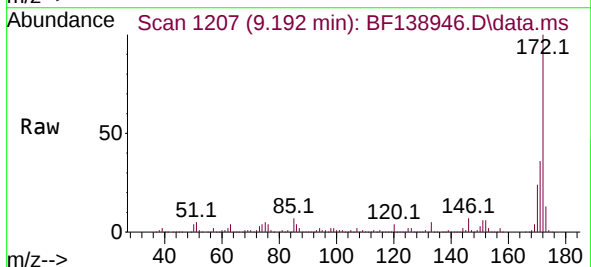
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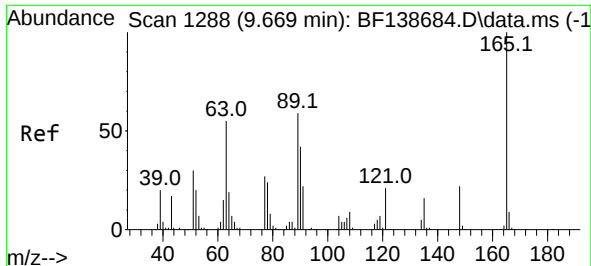
Tgt Ion: 330 Resp: 176423
Ion Ratio Lower Upper
330 100
332 95.1 76.4 114.6
141 39.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 113.773 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

Tgt Ion: 172 Resp: 768531
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.7 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.152 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138946.D

Acq: 12 Aug 2024 21:29

Instrument :

BNA_F

ClientSampleId :

WC-S-04-202408

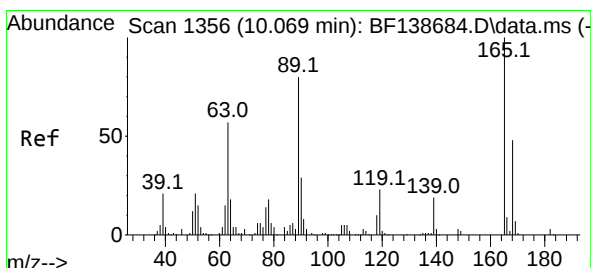
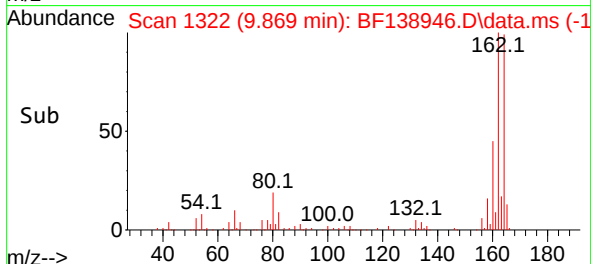
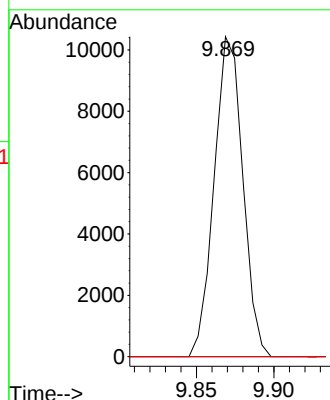
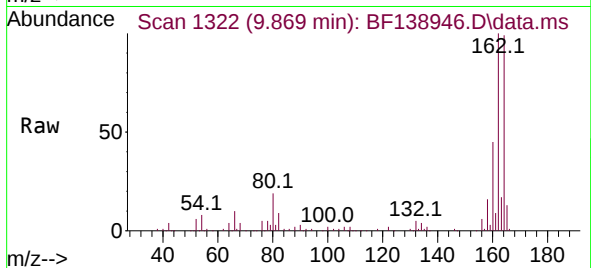
Tgt Ion:165 Resp: 13404

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.173 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138946.D

Acq: 12 Aug 2024 21:29

Tgt Ion:165 Resp: 13404

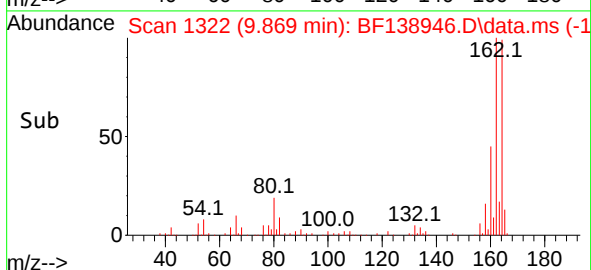
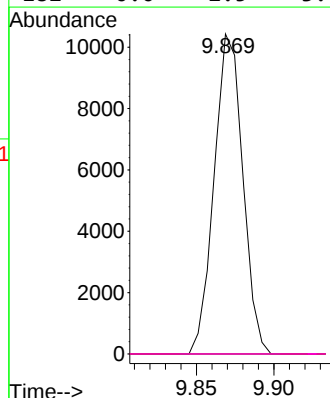
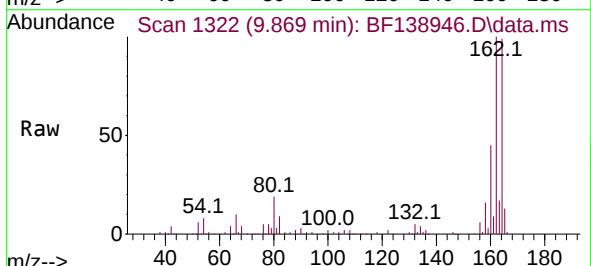
Ion Ratio Lower Upper

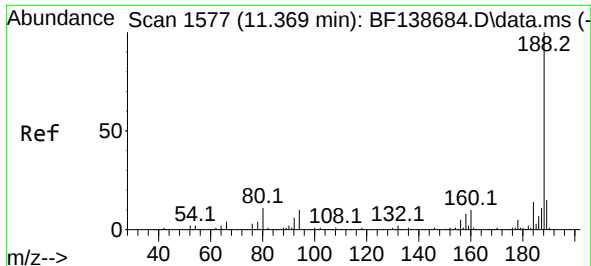
165 100

63 0.0 46.3 69.5#

89 0.0 64.2 96.4#

182 0.0 2.5 3.7#

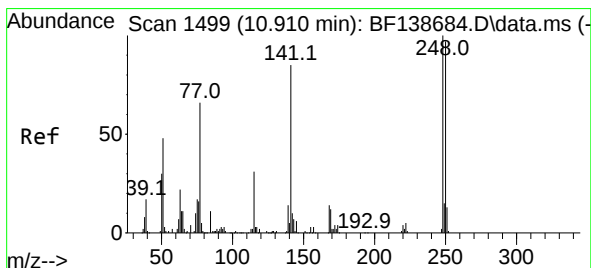
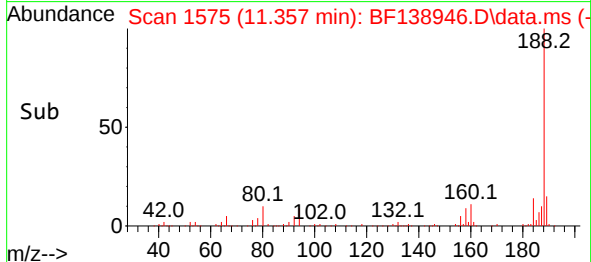
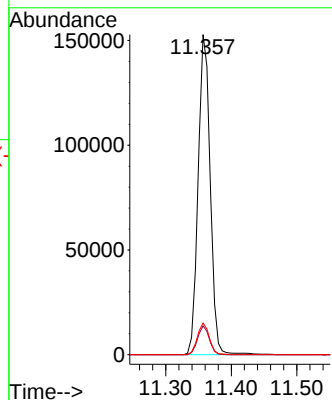
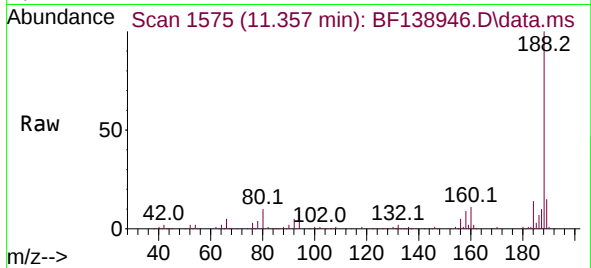




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

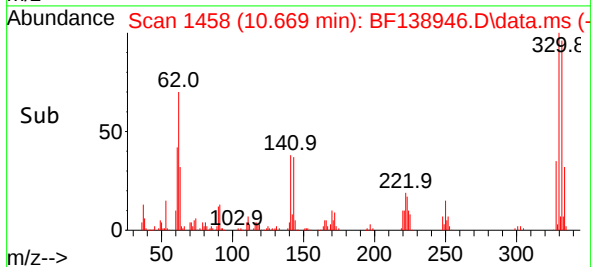
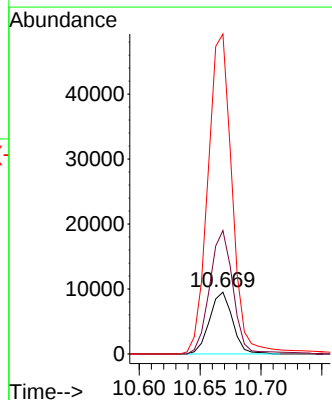
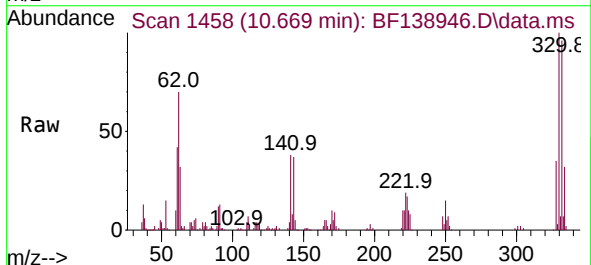
Instrument :
BNA_F
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WC-S-04-202408

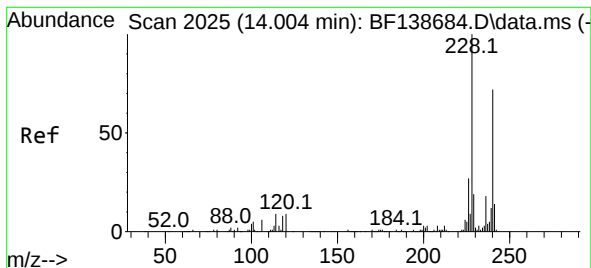
Tgt Ion:188 Resp: 196155
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.9 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.881 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138946.D
Acq: 12 Aug 2024 21:29

Tgt Ion:248 Resp: 12490
Ion Ratio Lower Upper
248 100
250 199.9 77.7 116.5#
141 518.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138946.D

Acq: 12 Aug 2024 21:29

Instrument :

BNA_F

ClientSampleId :

WC-S-04-202408

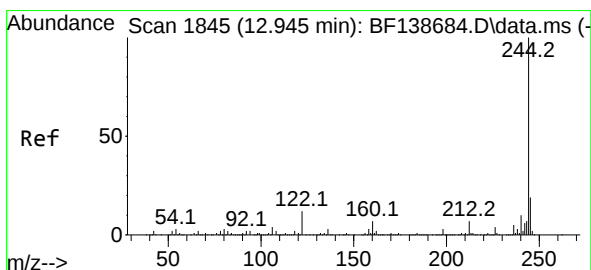
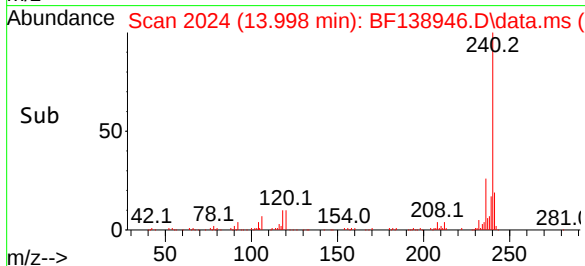
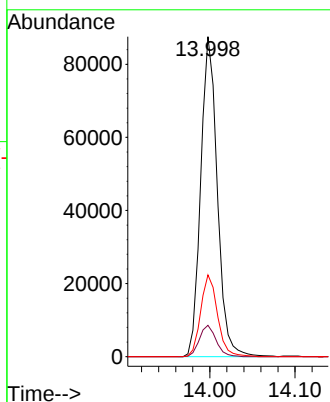
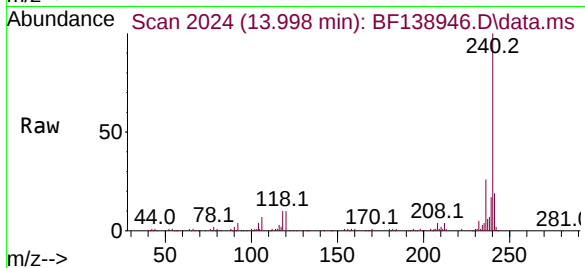
Tgt Ion:240 Resp: 118592

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 142.992 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138946.D

Acq: 12 Aug 2024 21:29

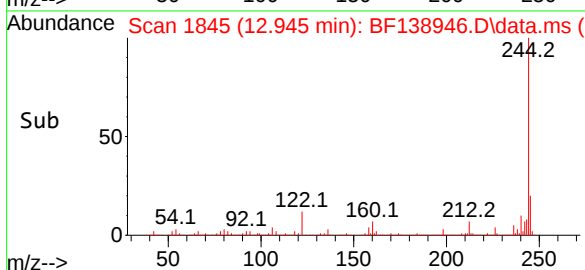
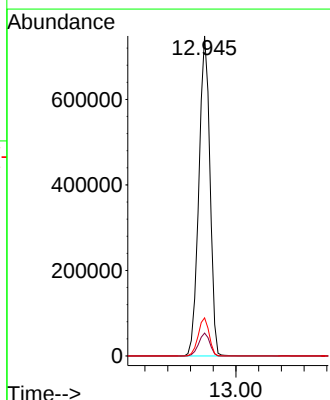
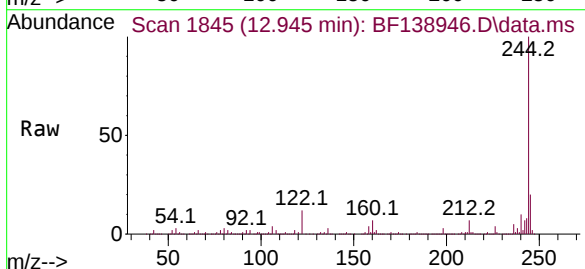
Tgt Ion:244 Resp: 1012845

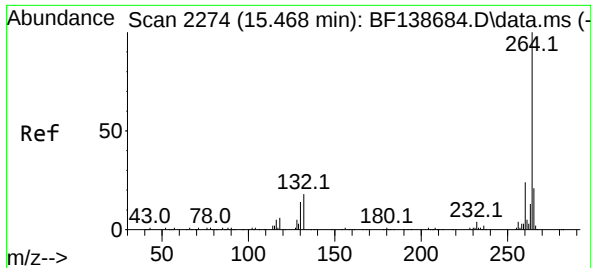
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

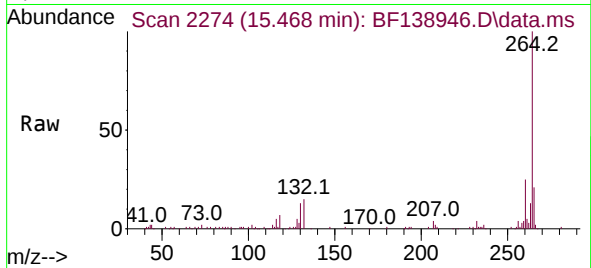
122 11.9 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138946.D
 Acq: 12 Aug 2024 21:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-04-202408



Tgt Ion:264	Resp:	83240
Ion	Ratio	Lower Upper
264	100	
260	24.5	19.0 28.6
265	20.6	17.0 25.6

