

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138728.D
 Acq On : 01 Aug 2024 17:00
 Operator : RC/JU
 Sample : P3379-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-05-072324

Quant Time: Aug 01 17:36:15 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)

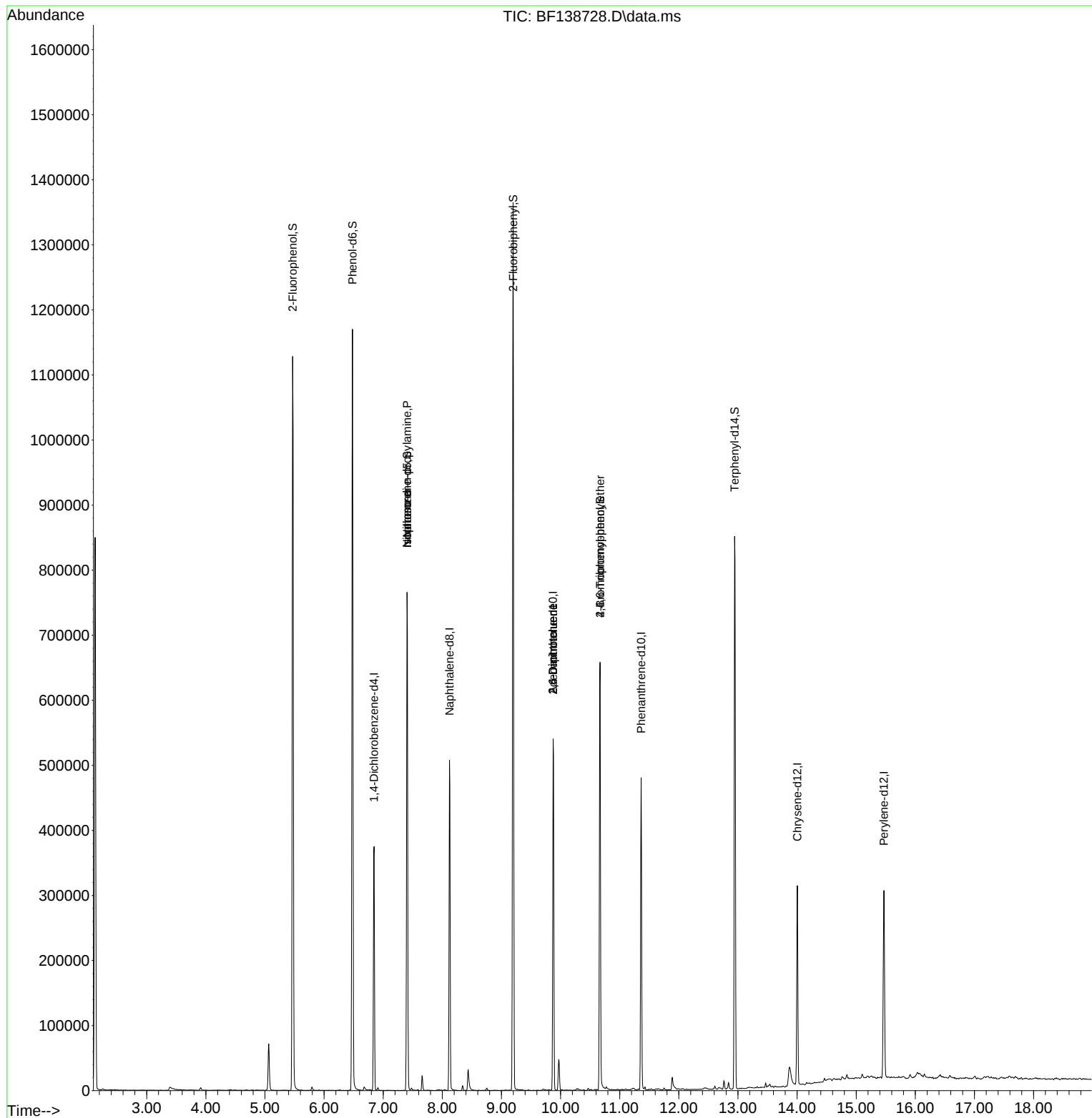
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	73850	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	303811	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	158539	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	238846	20.000	ng	0.00
76) Chrysene-d12	14.004	240	137144	20.000	ng	0.00
86) Perylene-d12	15.468	264	153461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	382098	79.868	ng	0.00
7) Phenol-d6	6.481	99	510213	79.433	ng	0.00
23) Nitrobenzene-d5	7.404	82	330395	53.169	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	97816	75.321	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	554654	52.565	ng	0.00
79) Terphenyl-d14	12.945	244	403829	49.300	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	45064	11.616	ng	# 76
25) Isophorone	7.404	82	328926	31.000	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	21119	9.231	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	21119	7.235	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	7316	2.829	ng	# 1

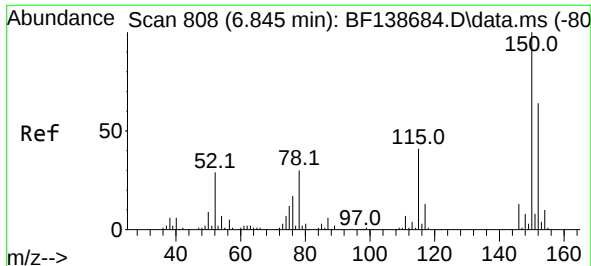
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

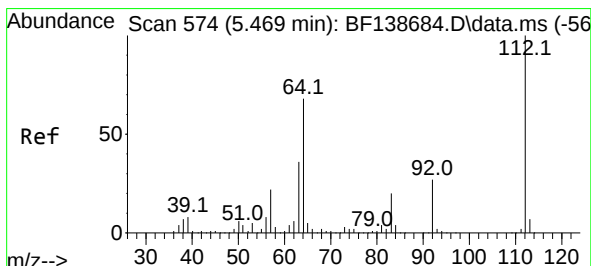
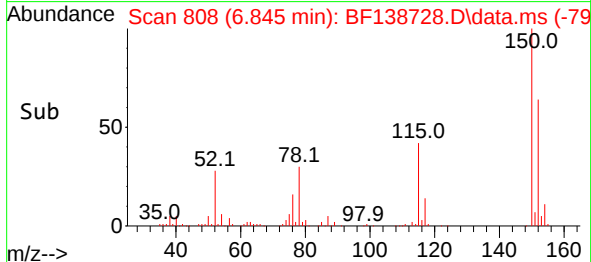
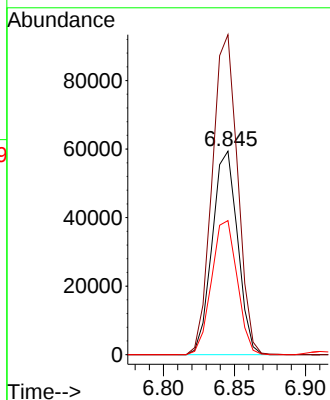
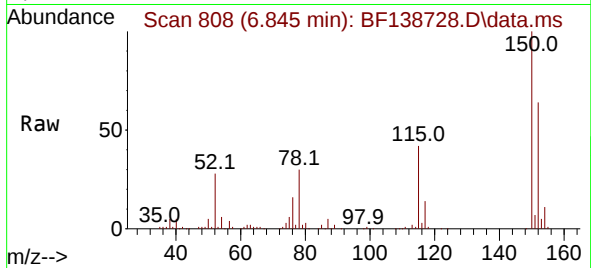




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

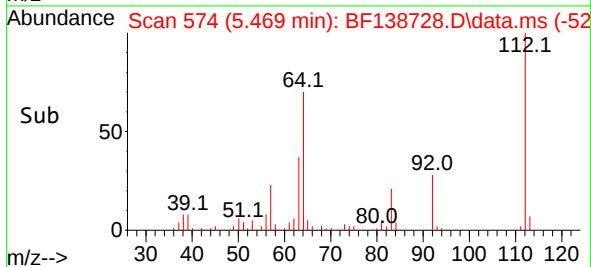
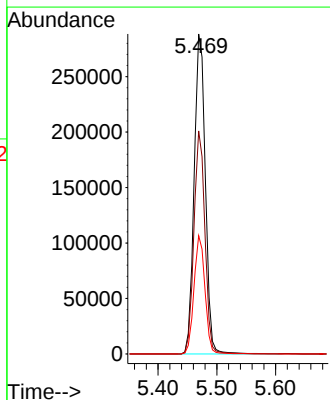
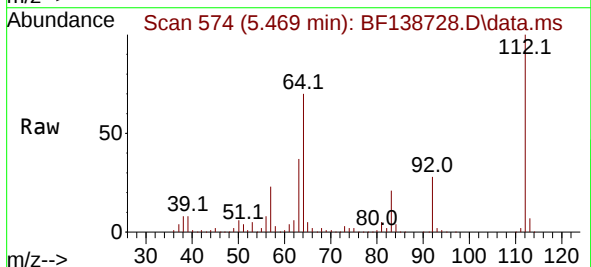
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-05-072324

Tgt Ion:152 Resp: 73850
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 79.868 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

Tgt Ion:112 Resp: 382098
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 37.0 28.7 43.1





#7

Phenol-d6

Concen: 79.433 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138728.D

Acq: 01 Aug 2024 17:00

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-05-072324

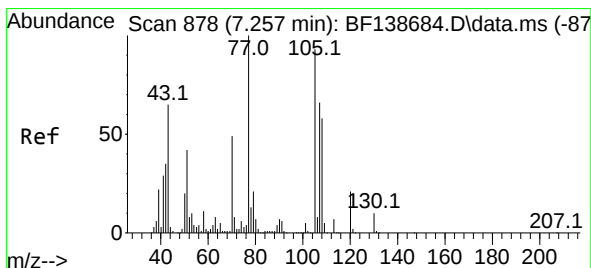
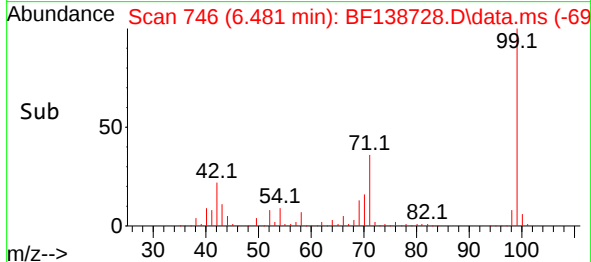
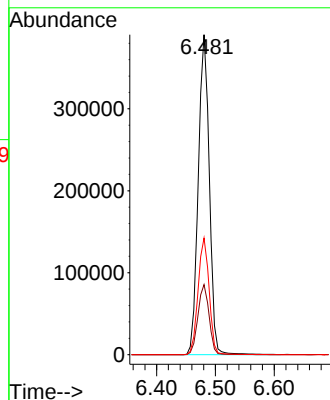
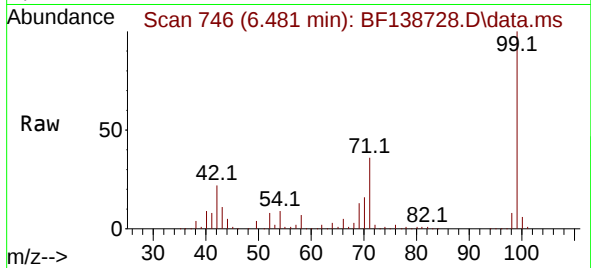
Tgt Ion: 99 Resp: 510213

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

71 36.4 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.616 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.147 min

Lab File: BF138728.D

Acq: 01 Aug 2024 17:00

Tgt Ion: 70 Resp: 45064

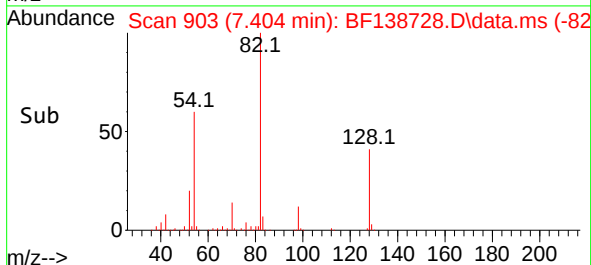
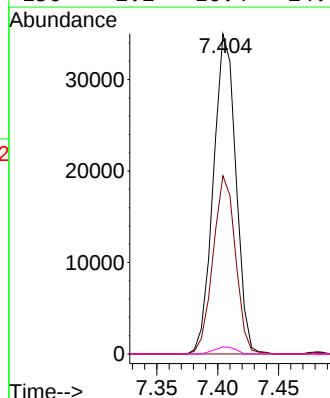
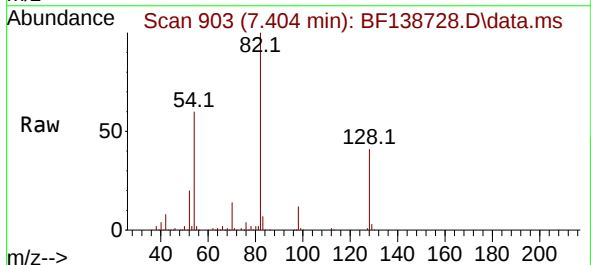
Ion Ratio Lower Upper

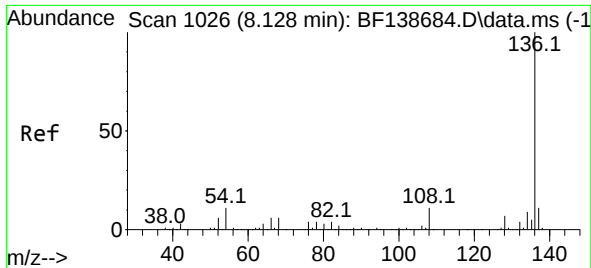
70 100

42 55.7 57.4 86.0#

101 0.0 7.5 11.3#

130 2.2 16.4 24.6#

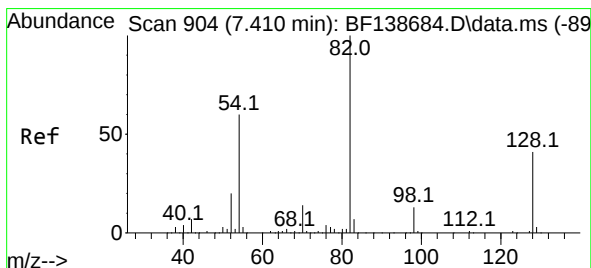
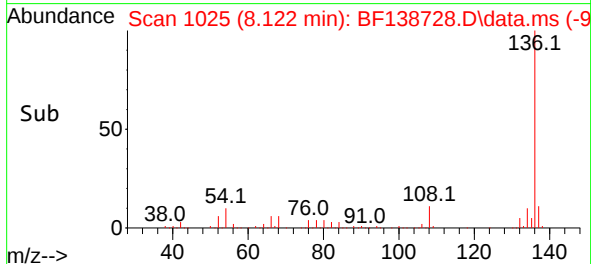
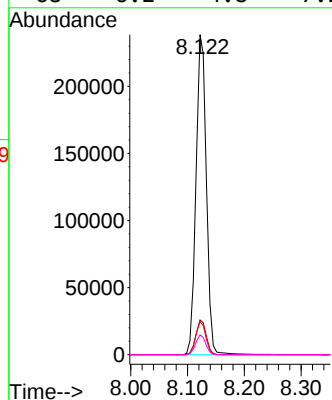
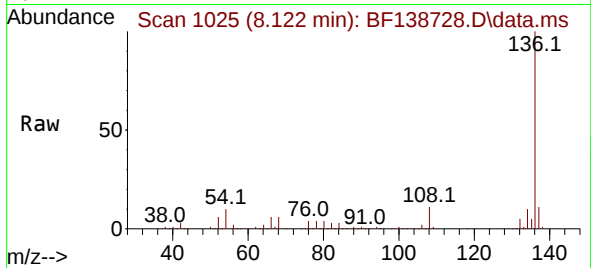




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

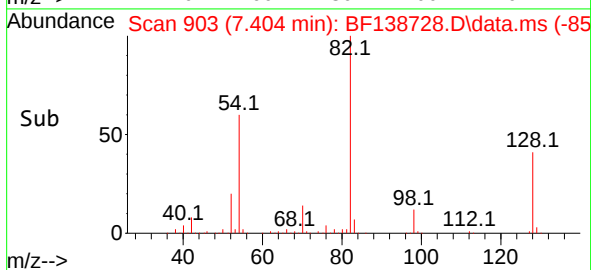
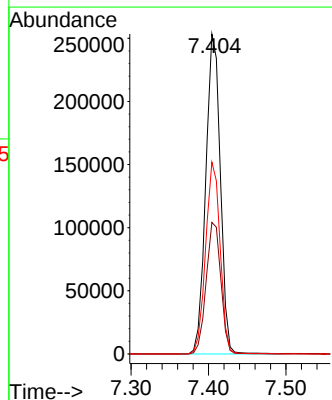
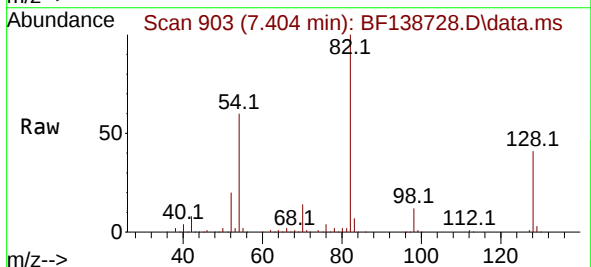
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-05-072324

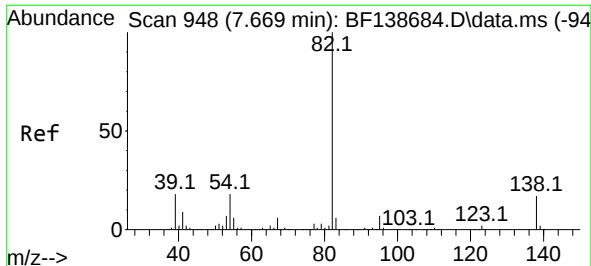
Tgt	Ion:136	Resp:	303811
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.4	8.6	12.8
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 53.169 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

Tgt Ion: 82	Resp: 330395
Ion Ratio	Lower Upper
82 100	
128 41.1	32.8 49.2
54 59.9	48.3 72.5

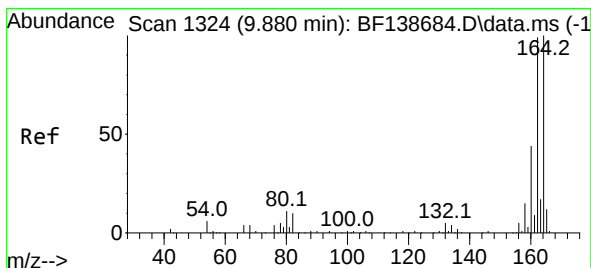
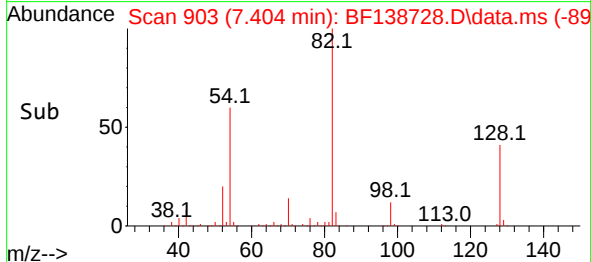
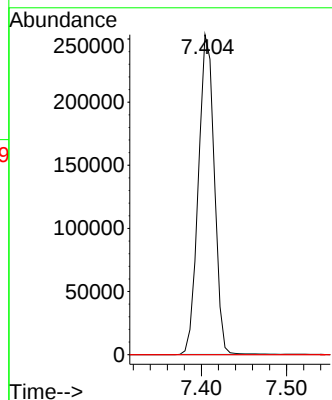
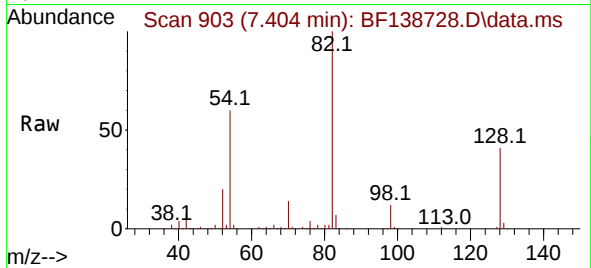




#25
Isophorone
Concen: 31.000 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

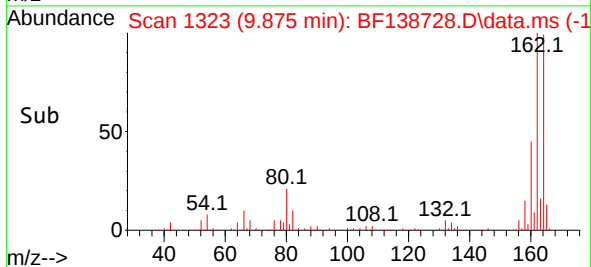
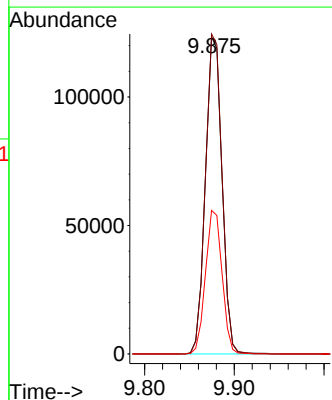
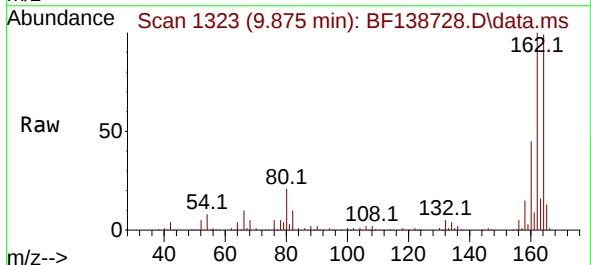
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-05-072324

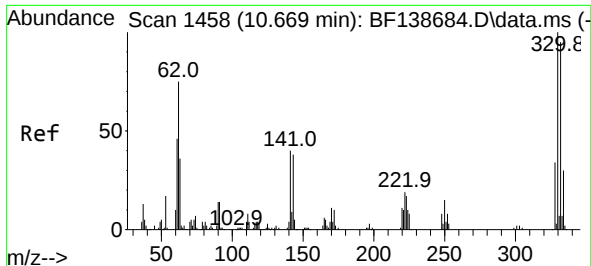
Tgt Ion: 82 Resp: 328926
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

Tgt Ion:164 Resp: 158539
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 75.321 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138728.D

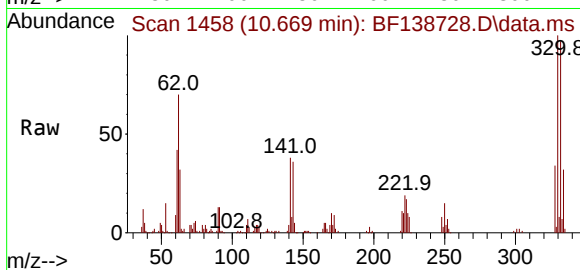
Acq: 01 Aug 2024 17:00

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-05-072324



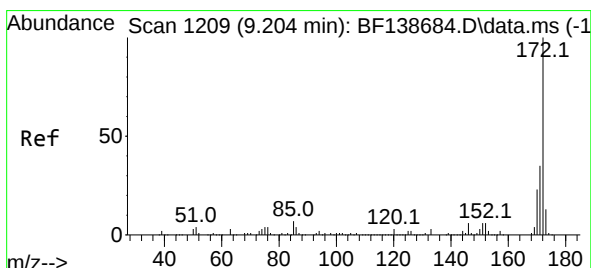
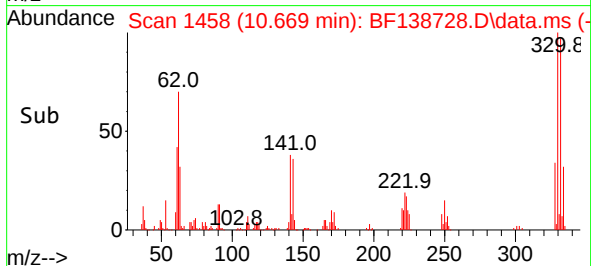
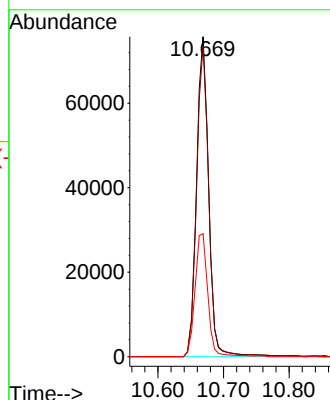
Tgt Ion:330 Resp: 97816

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 40.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 52.565 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138728.D

Acq: 01 Aug 2024 17:00

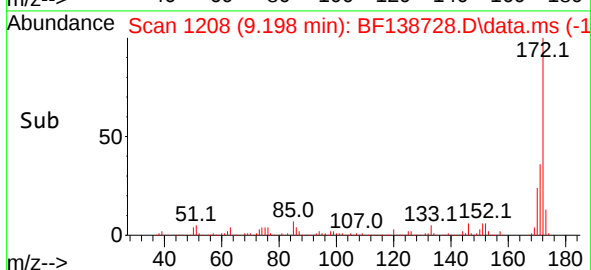
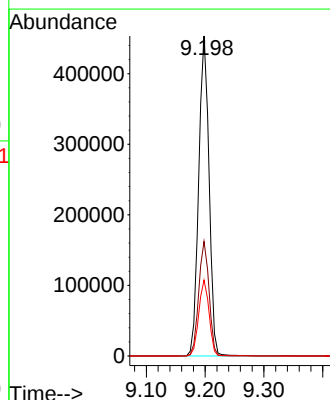
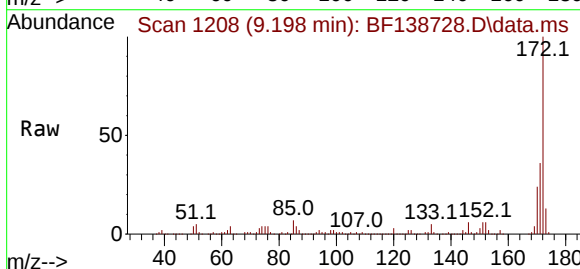
Tgt Ion:172 Resp: 554654

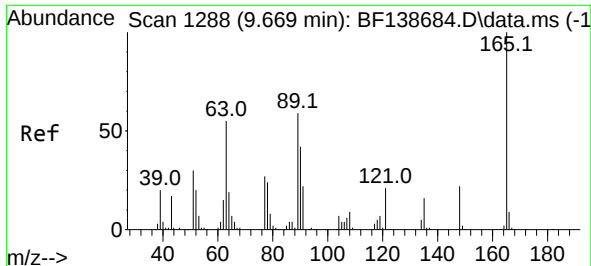
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.7 18.8 28.2

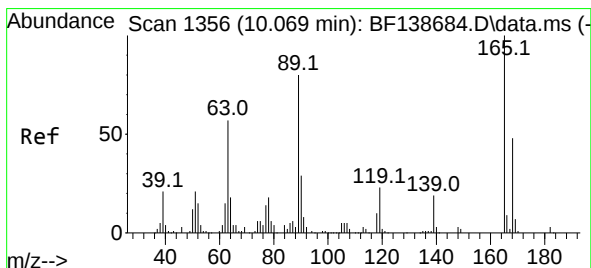
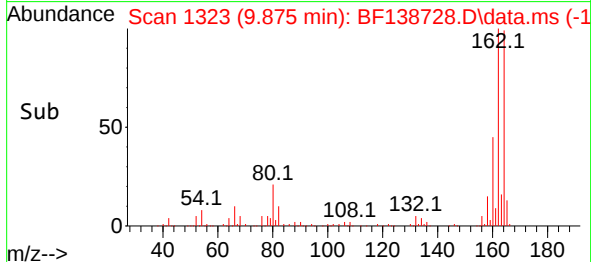
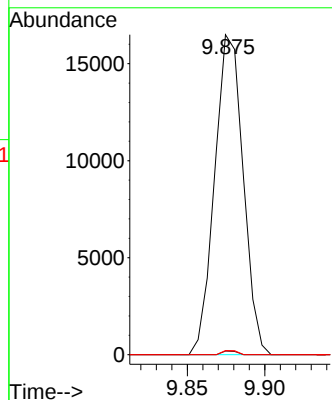
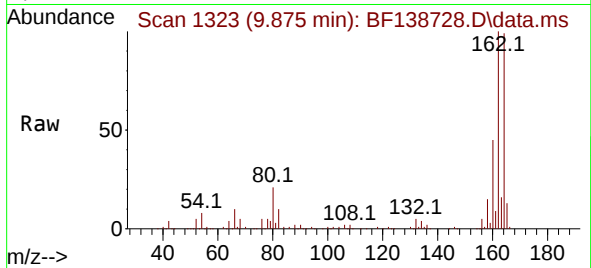




#51
2,6-Dinitrotoluene
Concen: 9.231 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

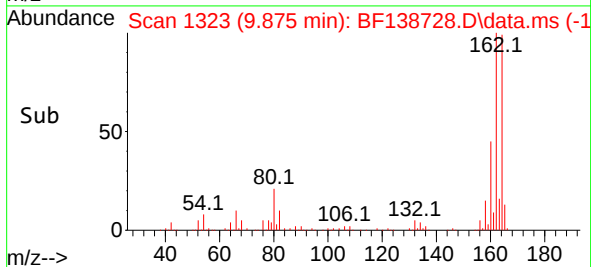
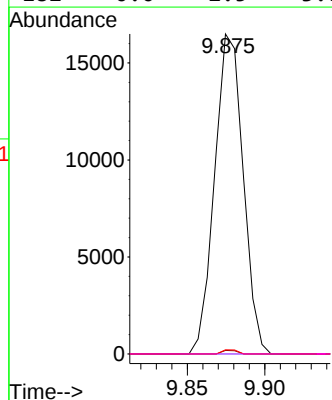
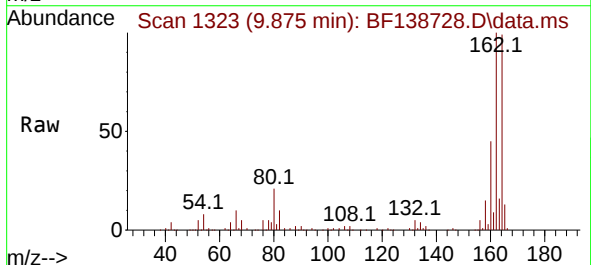
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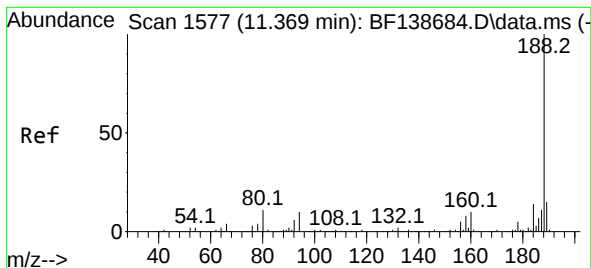
Tgt Ion:165 Resp: 21119
Ion Ratio Lower Upper
165 100
63 1.1 52.0 78.0#
89 1.3 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.235 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138728.D
Acq: 01 Aug 2024 17:00

Tgt Ion:165 Resp: 21119
Ion Ratio Lower Upper
165 100
63 1.1 46.3 69.5#
89 1.3 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138728.D

Acq: 01 Aug 2024 17:00

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-05-072324

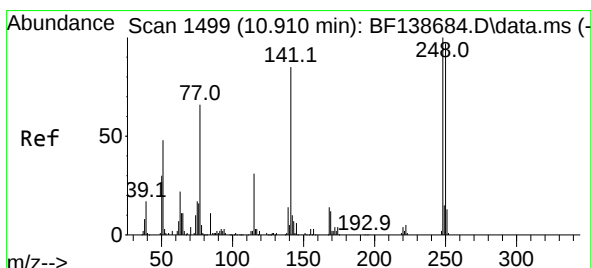
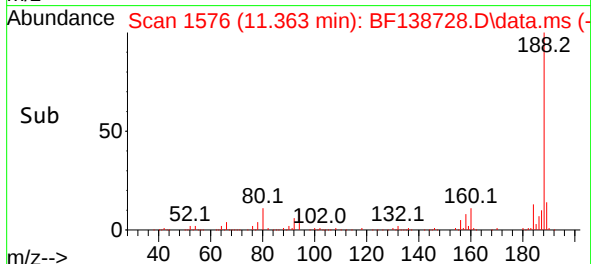
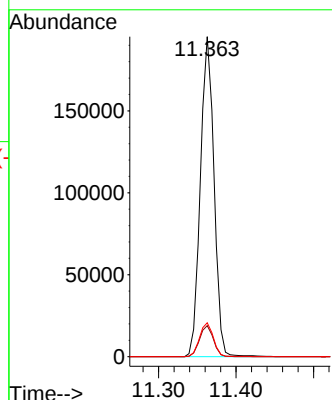
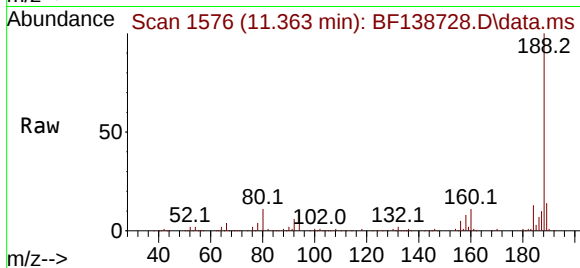
Tgt Ion:188 Resp: 238846

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.829 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138728.D

Acq: 01 Aug 2024 17:00

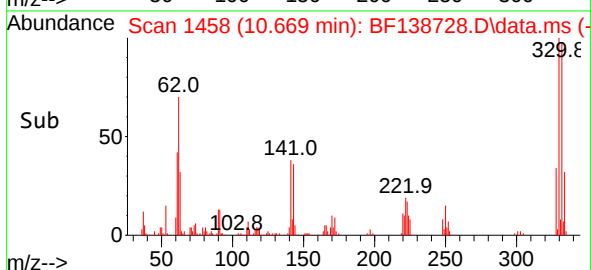
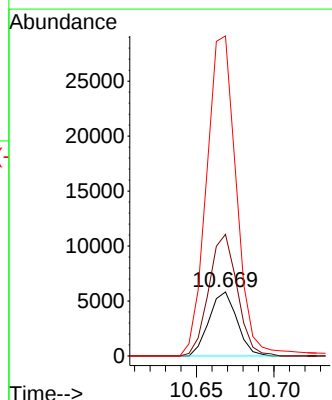
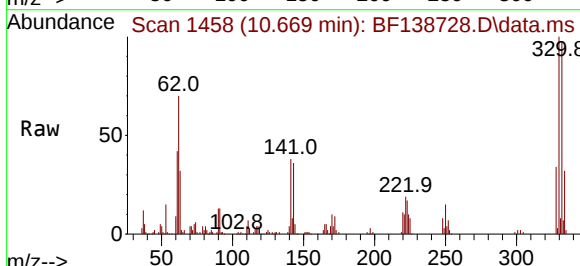
Tgt Ion:248 Resp: 7316

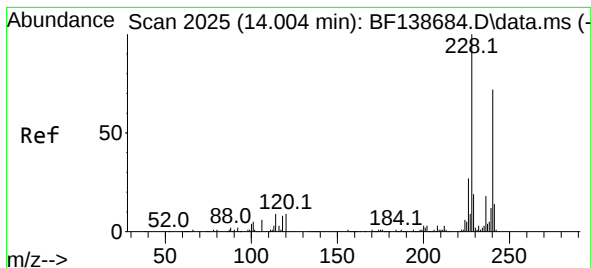
Ion Ratio Lower Upper

248 100

250 189.7 77.7 116.5#

141 499.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138728.D

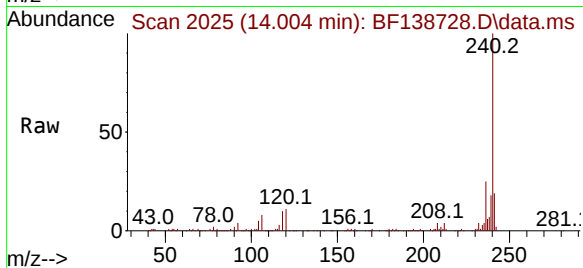
Acq: 01 Aug 2024 17:00

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-05-072324



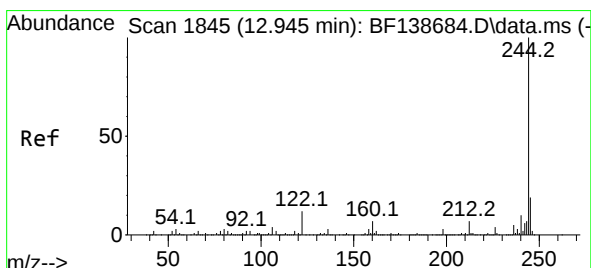
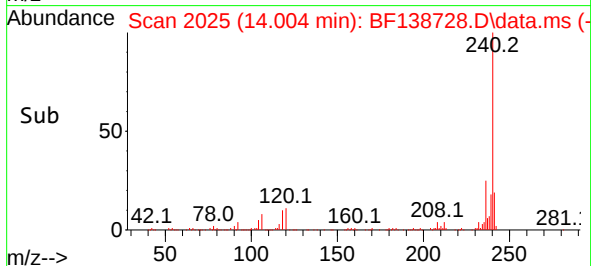
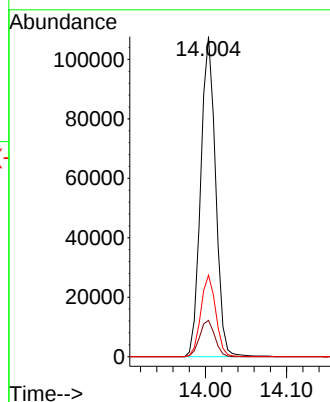
Tgt Ion:240 Resp: 137144

Ion Ratio Lower Upper

240 100

120 11.4 10.2 15.4

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 49.300 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138728.D

Acq: 01 Aug 2024 17:00

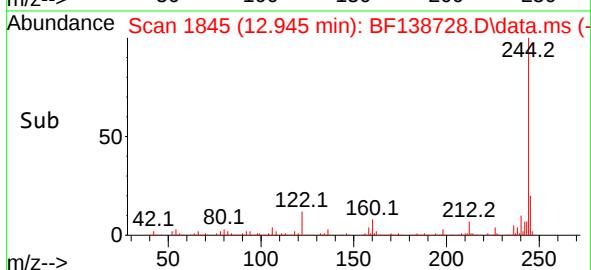
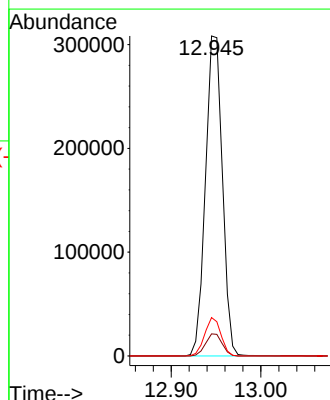
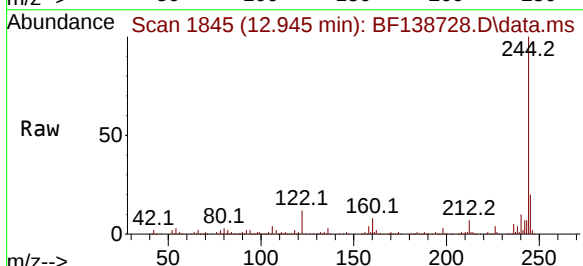
Tgt Ion:244 Resp: 403829

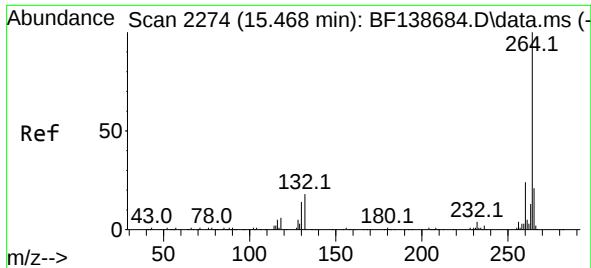
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

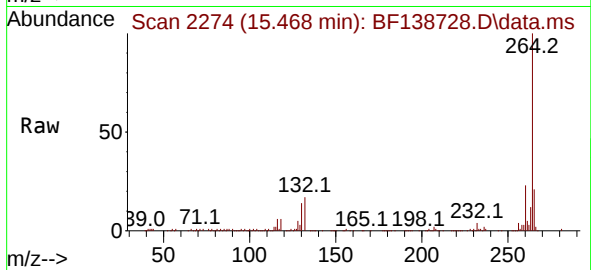
122 12.0 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138728.D
 Acq: 01 Aug 2024 17:00

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-05-072324



Tgt Ion:264 Resp: 153461
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.9 17.0 25.6

