

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138765.D
 Acq On : 03 Aug 2024 12:35
 Operator : RC/JU
 Sample : P3393-25
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-03-072624

Quant Time: Aug 05 00:50:19 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)

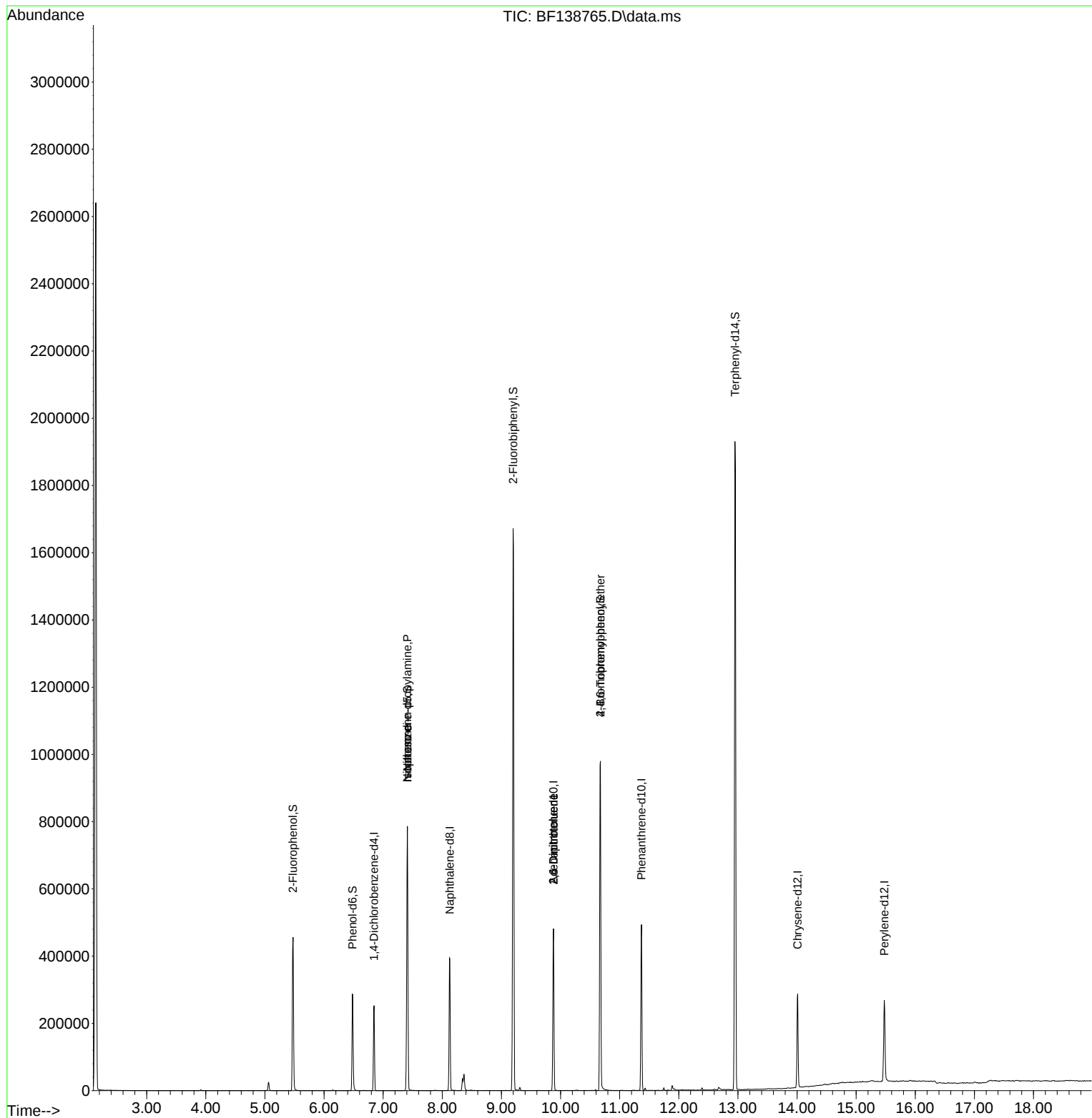
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	49844	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	246722	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	141240	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	254966	20.000	ng	0.00
76) Chrysene-d12	14.010	240	130267	20.000	ng	0.00
86) Perylene-d12	15.474	264	138581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	157377	48.739	ng	0.00
7) Phenol-d6	6.481	99	126153	29.100	ng	0.00
23) Nitrobenzene-d5	7.410	82	359965	71.332	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	156915	135.629	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	746610	79.424	ng	0.00
79) Terphenyl-d14	12.951	244	946944	121.707	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	48918	18.682	ng	# 74
25) Isophorone	7.410	82	356651	41.390	ng	# 66
51) 2,6-Dinitrotoluene	9.881	165	17490	8.581	ng	# 22
57) 2,4-Dinitrotoluene	9.881	165	17490	6.726	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	11113	4.026	ng	# 1

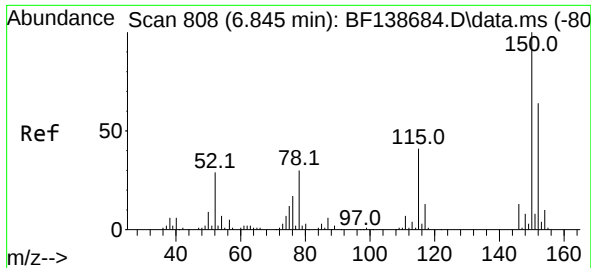
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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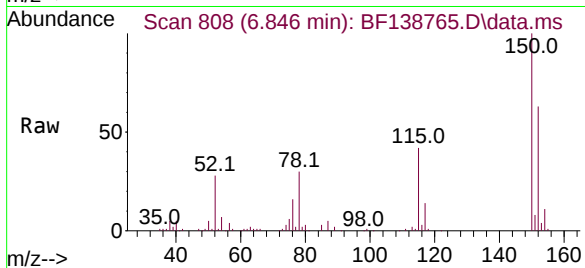
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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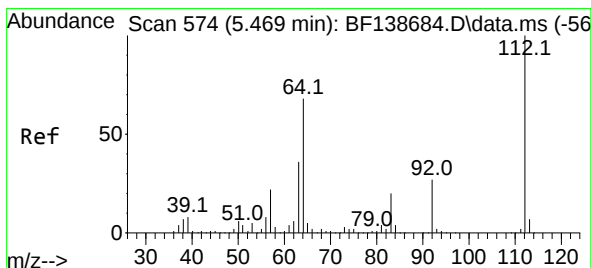
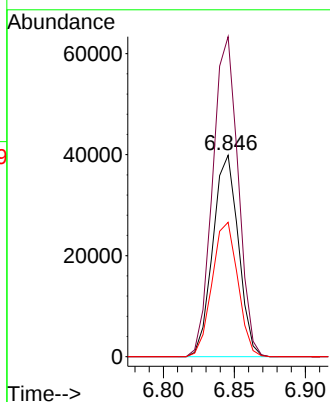
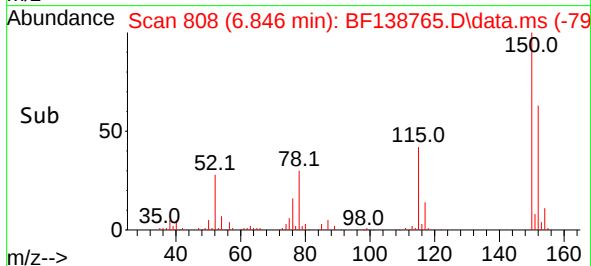


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

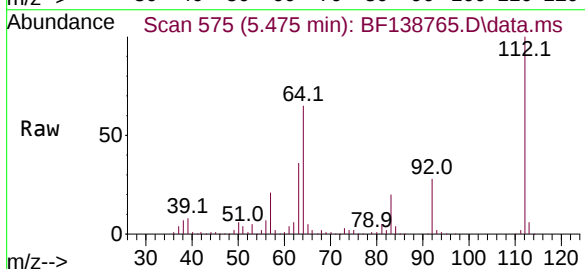
Instrument :
BNA_F
ClientSampleId :
EB-03-072624



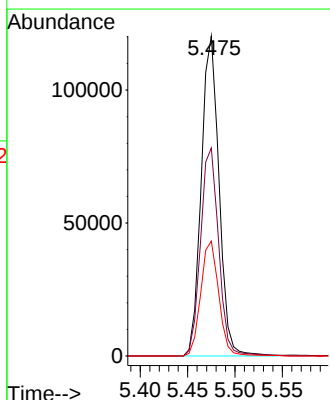
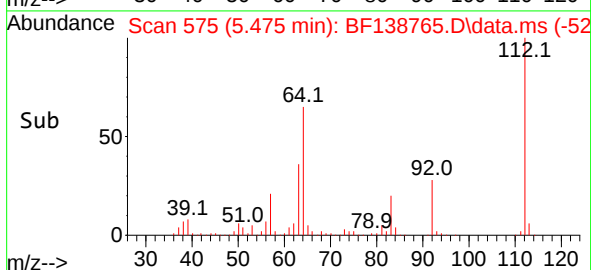
Tgt Ion:152 Resp: 49844
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 66.7 51.7 77.5



#5
2-Fluorophenol
Concen: 48.739 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35



Tgt Ion:112 Resp: 157377
Ion Ratio Lower Upper
112 100
64 65.0 54.2 81.4
63 35.9 28.7 43.1

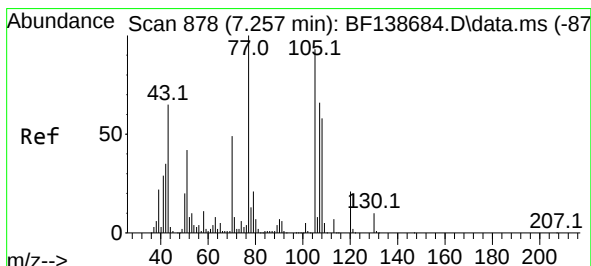
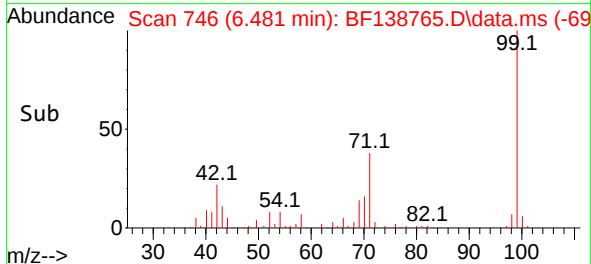
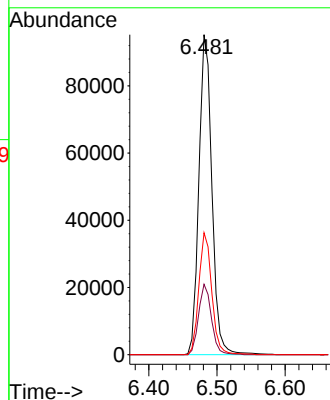
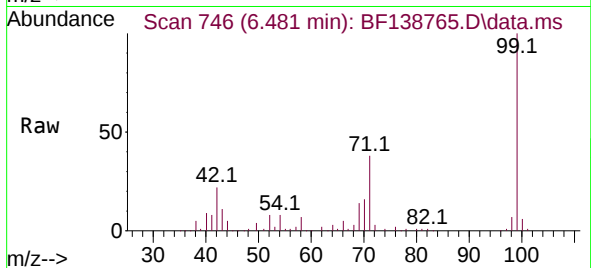




#7
Phenol-d6
Concen: 29.100 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

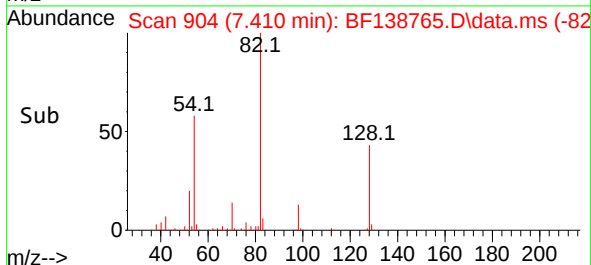
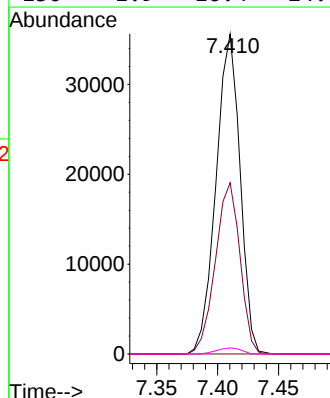
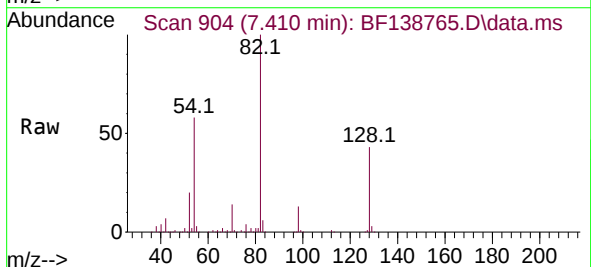
Instrument :
BNA_F
ClientSampleId :
EB-03-072624

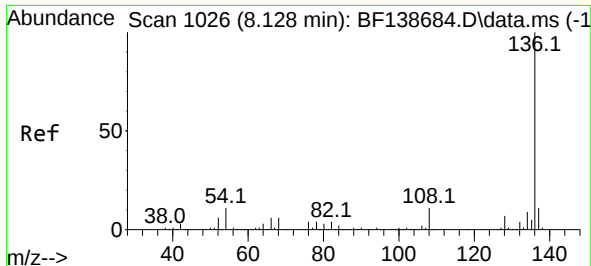
Tgt Ion: 99 Resp: 126153
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 38.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.682 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

Tgt Ion: 70 Resp: 48918
Ion Ratio Lower Upper
70 100
42 53.5 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



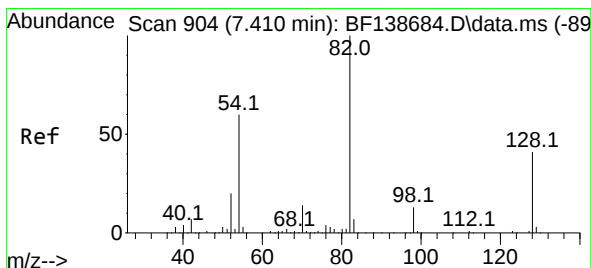
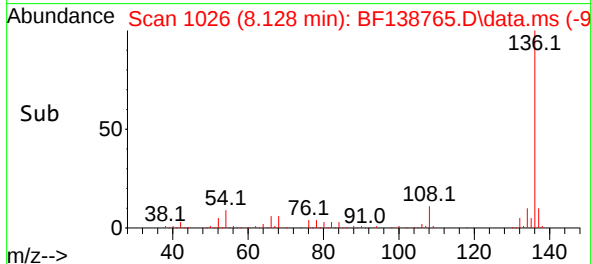
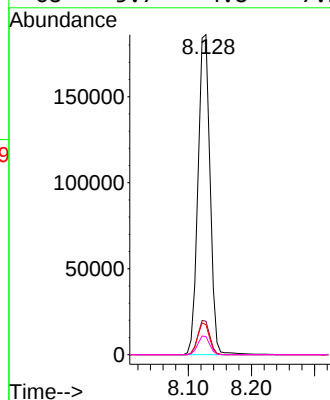
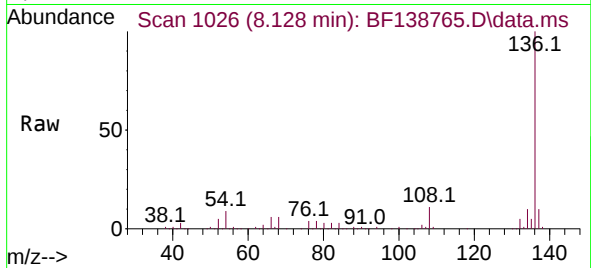


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

Instrument :
BNA_F
ClientSampleId :
EB-03-072624

Tgt Ion:136 Resp: 246722

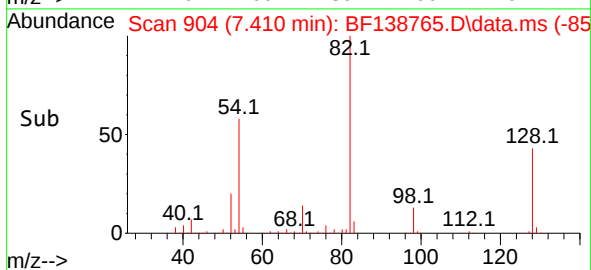
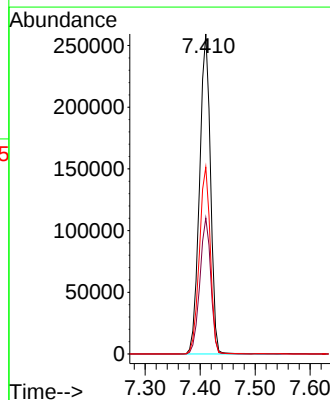
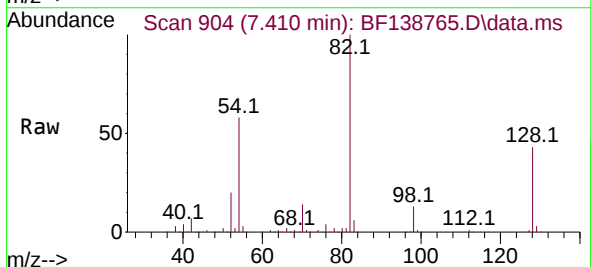
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.3	8.6	12.8
68	5.7	4.8	7.2

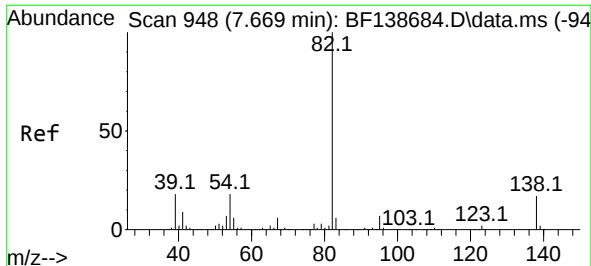


#23
Nitrobenzene-d5
Concen: 71.332 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

Tgt Ion: 82 Resp: 359965

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.8	49.2
54	58.4	48.3	72.5

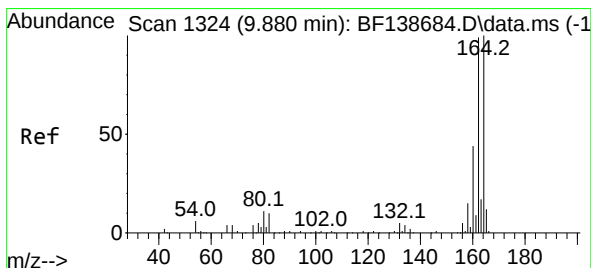
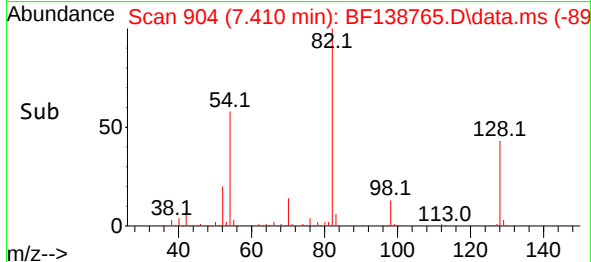
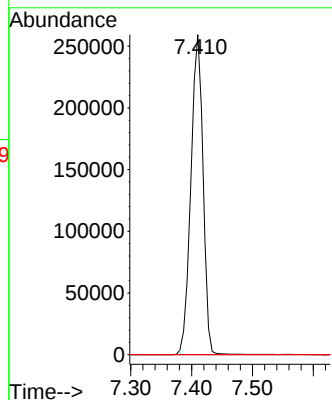
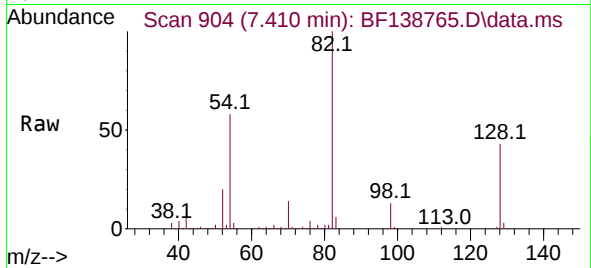




#25
Isophorone
Concen: 41.390 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

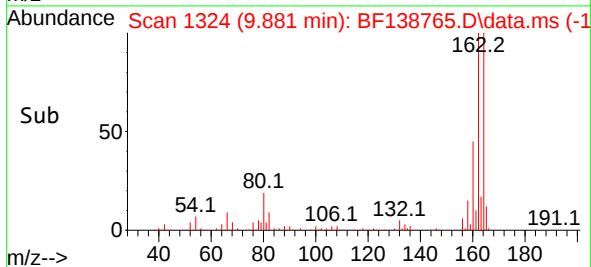
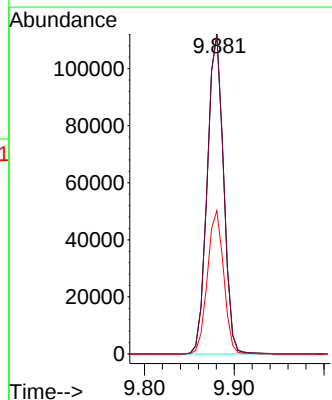
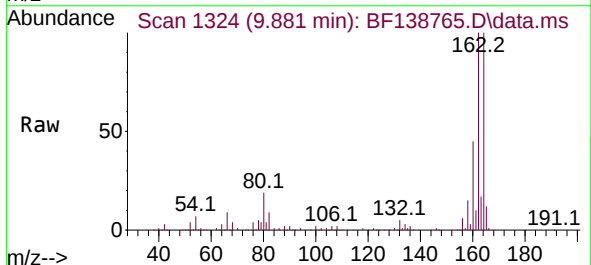
Instrument :
BNA_F
ClientSampleId :
EB-03-072624

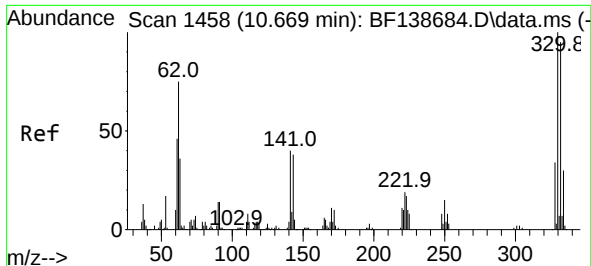
Tgt Ion: 82 Resp: 356651
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

Tgt Ion: 164 Resp: 141240
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 135.629 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138765.D

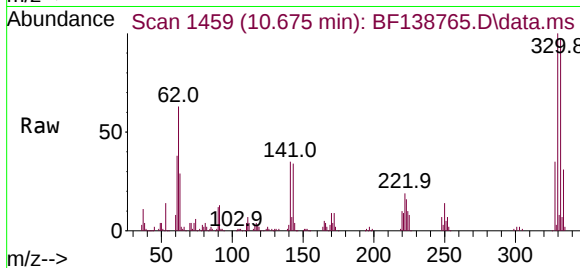
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Instrument :

BNA_F

ClientSampleId :

EB-03-072624



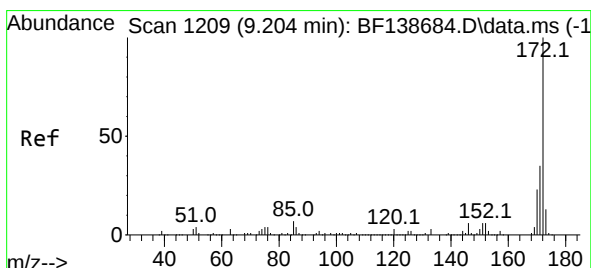
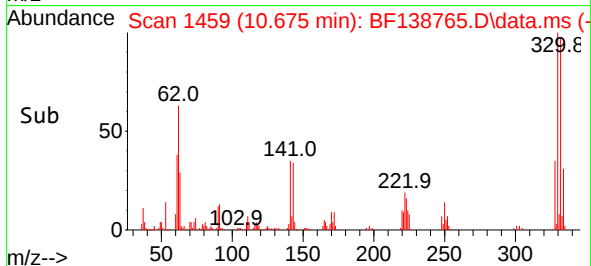
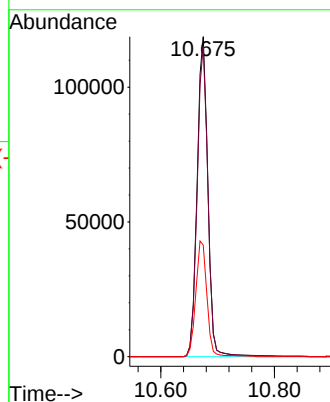
Tgt Ion:330 Resp: 156915

Ion Ratio Lower Upper

330 100

332 97.3 76.4 114.6

141 37.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 79.424 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138765.D

Acq: 03 Aug 2024 12:35

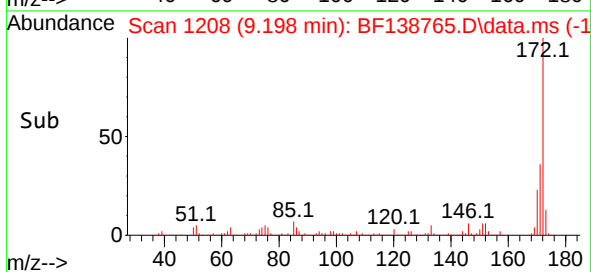
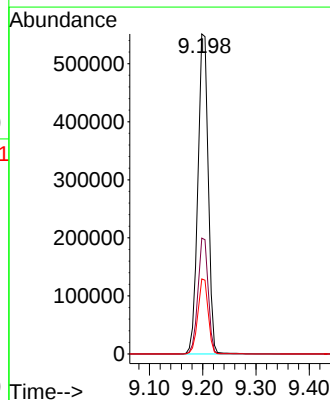
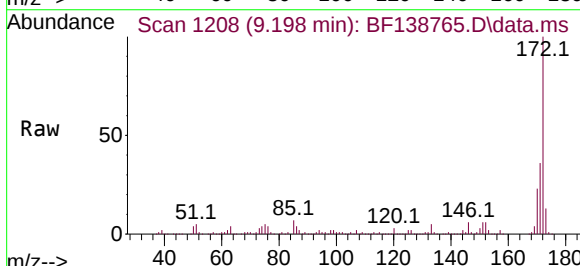
Tgt Ion:172 Resp: 746610

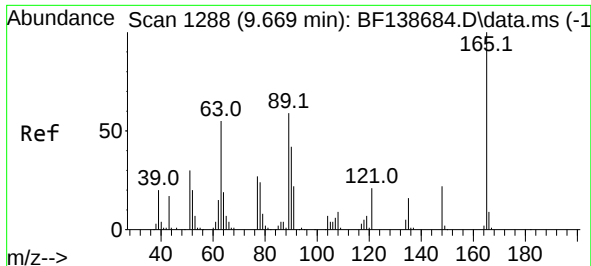
Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.5 18.8 28.2

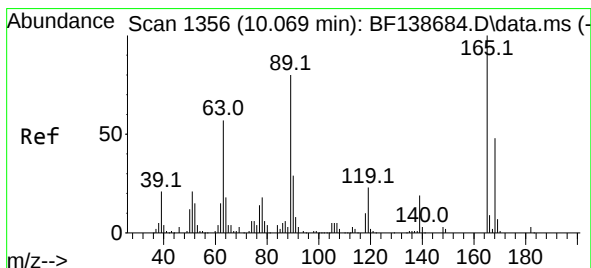
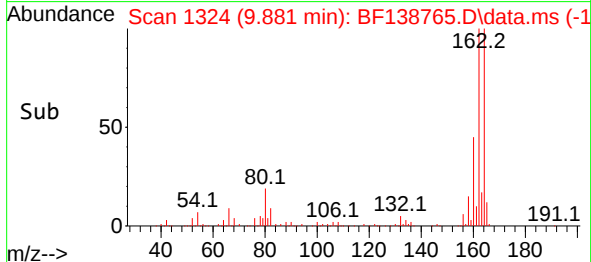
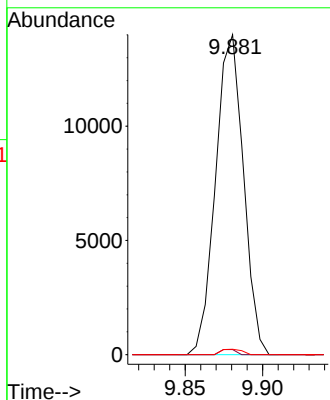
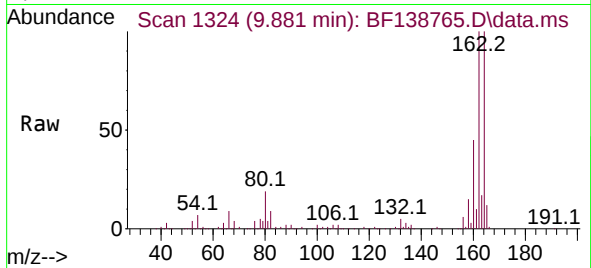




#51
2,6-Dinitrotoluene
Concen: 8.581 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

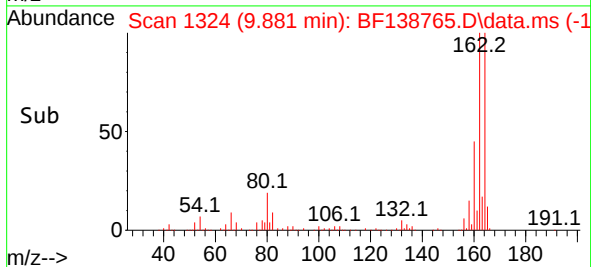
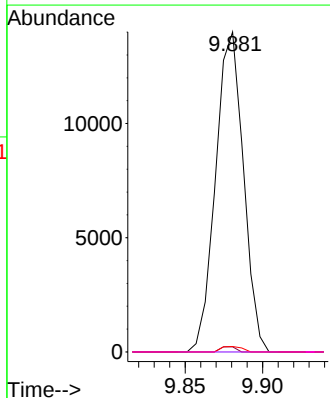
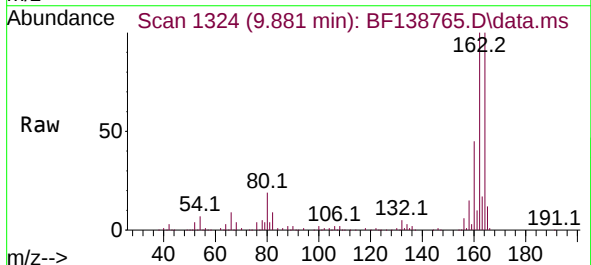
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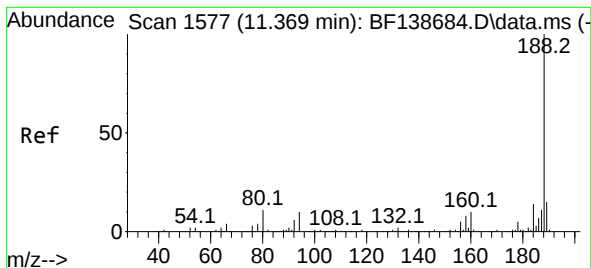
Tgt Ion:165 Resp: 17490
Ion Ratio Lower Upper
165 100
63 1.6 52.0 78.0#
89 1.7 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138765.D
Acq: 03 Aug 2024 12:35

Tgt Ion:165 Resp: 17490
Ion Ratio Lower Upper
165 100
63 1.6 46.3 69.5#
89 1.7 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138765.D

Acq: 03 Aug 2024 12:35

Instrument :

BNA_F

ClientSampleId :

EB-03-072624

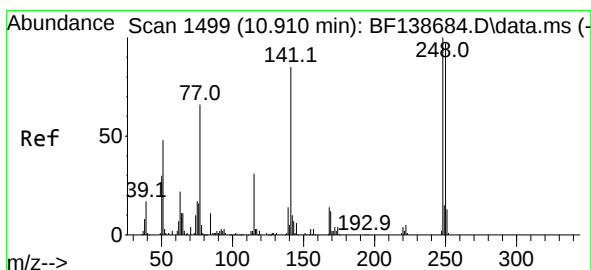
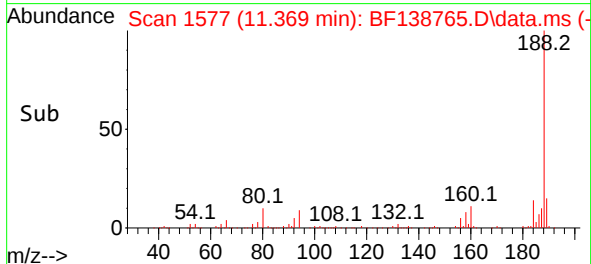
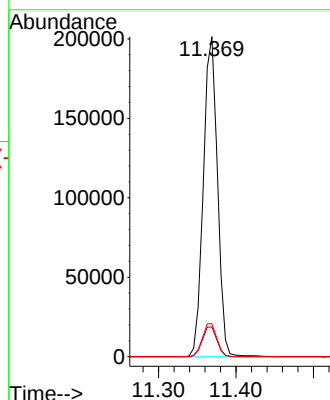
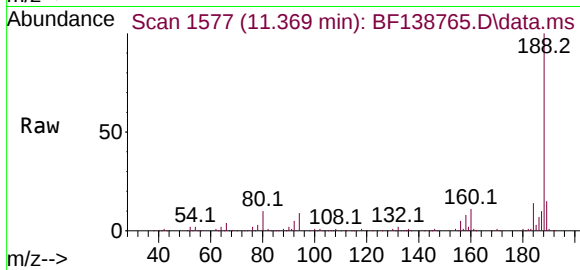
Tgt Ion:188 Resp: 254966

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.3 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.026 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF138765.D

Acq: 03 Aug 2024 12:35

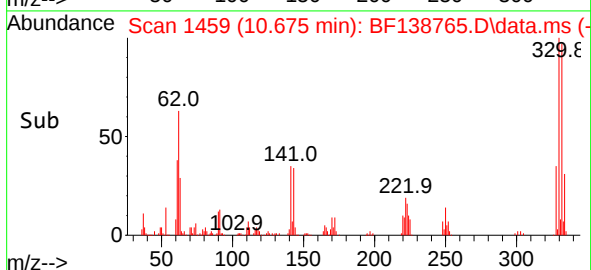
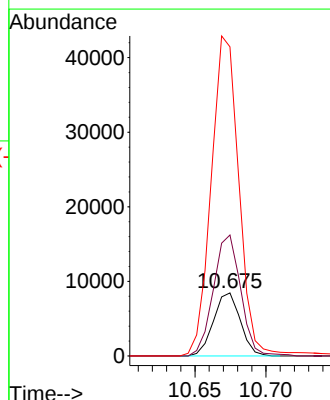
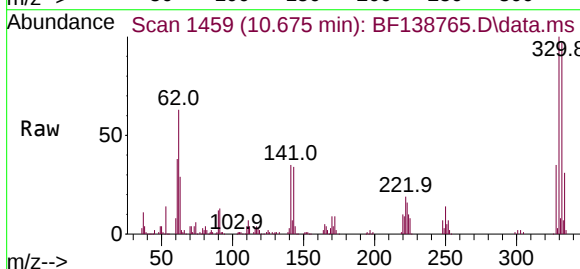
Tgt Ion:248 Resp: 11113

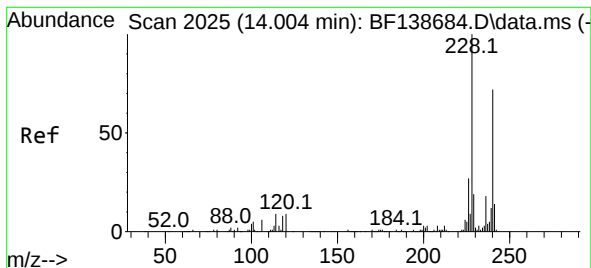
Ion Ratio Lower Upper

248 100

250 191.8 77.7 116.5#

141 490.4 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF138765.D

Acq: 03 Aug 2024 12:35

Instrument :

BNA_F

ClientSampleId :

EB-03-072624

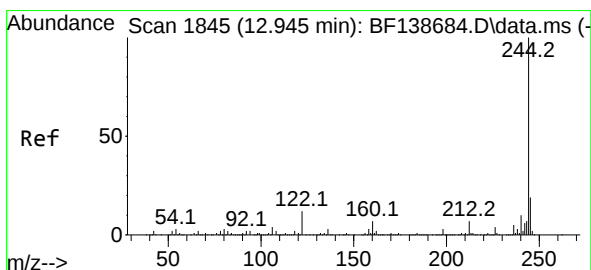
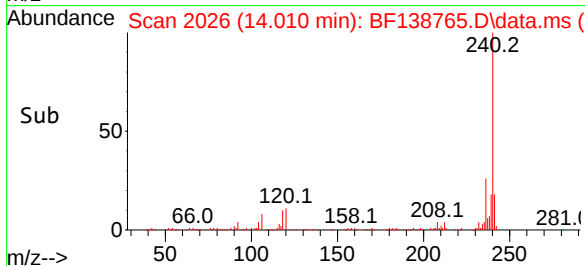
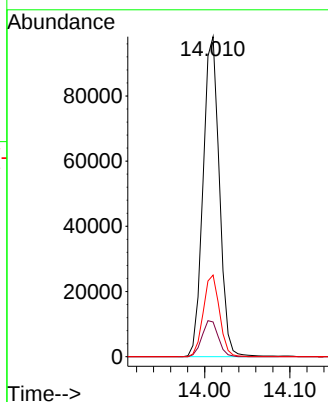
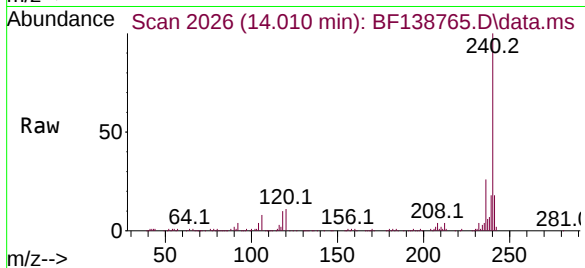
Tgt Ion:240 Resp: 130267

Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 121.707 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138765.D

Acq: 03 Aug 2024 12:35

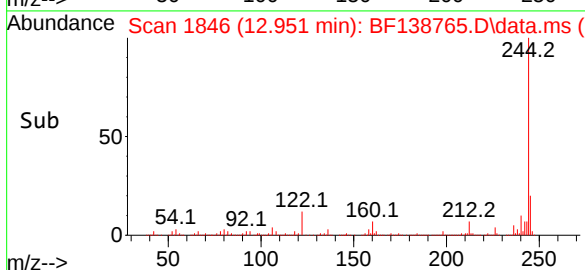
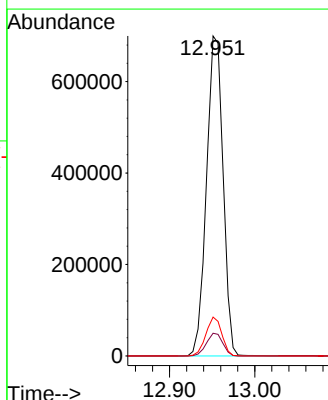
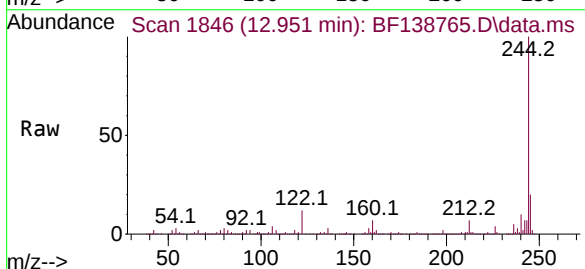
Tgt Ion:244 Resp: 946944

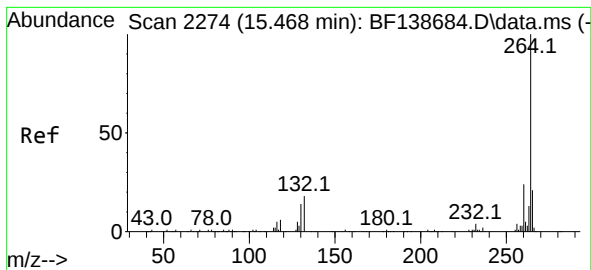
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 12.2 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138765.D

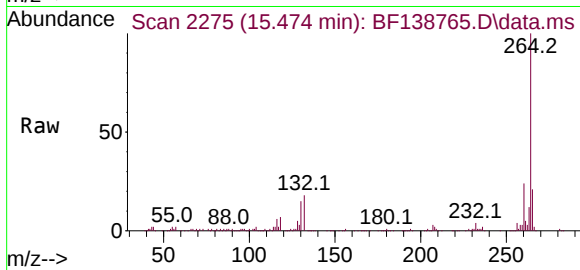
Acq: 03 Aug 2024 12:35

Instrument :

BNA_F

ClientSampleId :

EB-03-072624



Tgt Ion:264 Resp: 138581

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.4 17.0 25.6

