

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138786.D
 Acq On : 05 Aug 2024 15:23
 Operator : RC/JU
 Sample : P3448-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Quant Time: Aug 05 15:45:22 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)

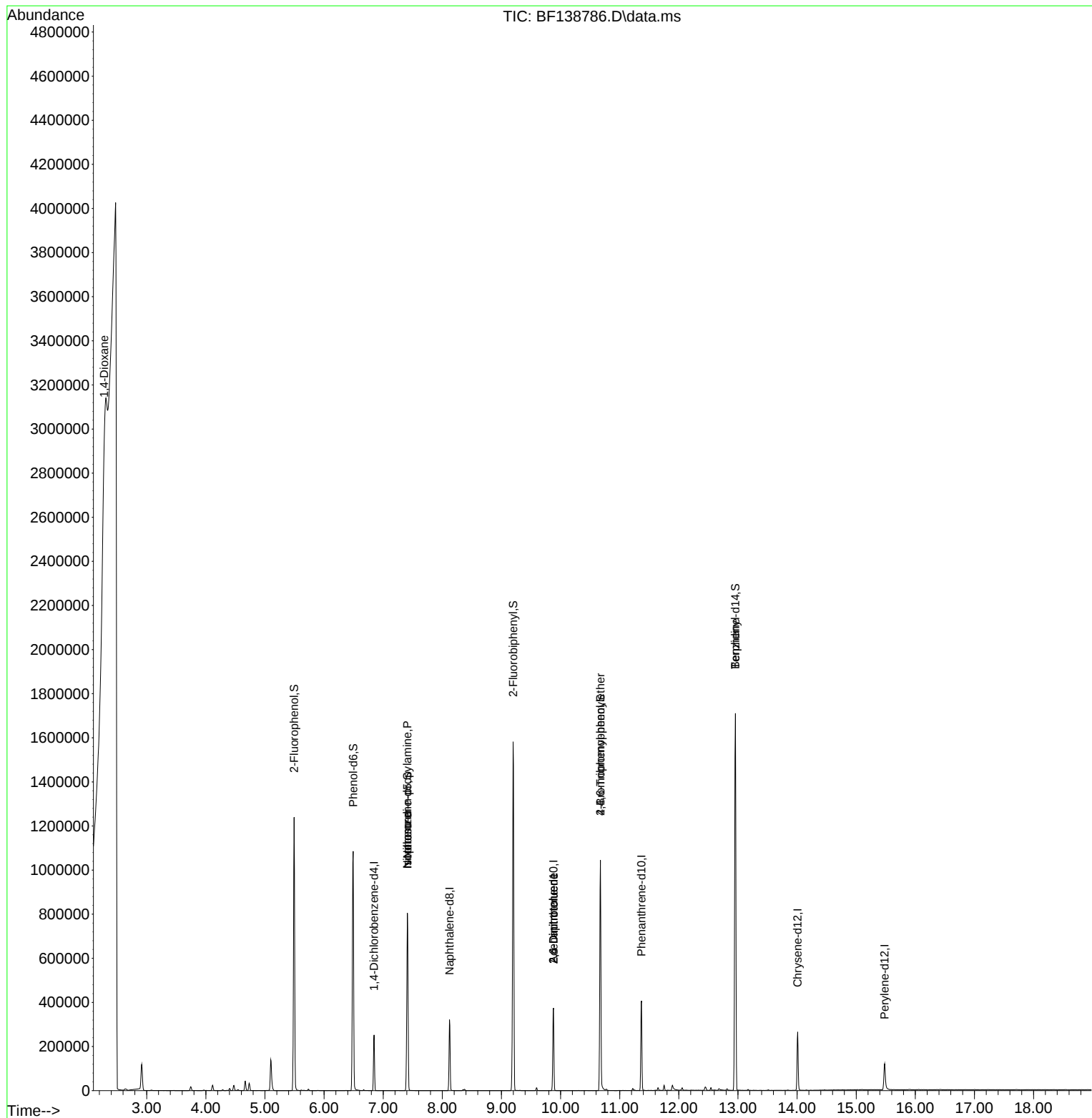
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	48221	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	201561	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	115583	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214583	20.000	ng	0.00
76) Chrysene-d12	14.010	240	127838	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	86946	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	434231	139.006	ng	0.02
7) Phenol-d6	6.492	99	543691	129.634	ng	0.00
23) Nitrobenzene-d5	7.410	82	387872	94.084	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	171361	180.994	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	724737	94.211	ng	0.00
79) Terphenyl-d14	12.957	244	873451	114.394	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.281	88	13161	9.623	ng	# 29
19) n-Nitroso-di-n-propyla...	7.410	70	52498	20.725	ng	# 77
25) Isophorone	7.410	82	385745	54.797	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	14812	8.881	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	14812	6.961	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	12526	5.392	ng	# 1
77) Benzidine	12.957	184	11920	3.898	ng	# 92

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

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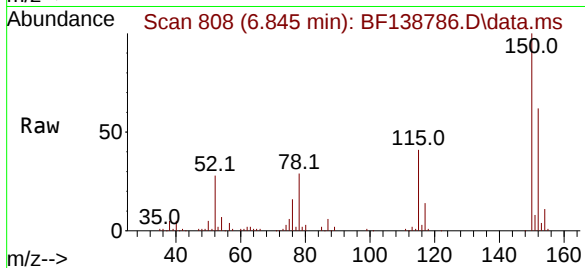
Quant Time: Aug 05 15:45:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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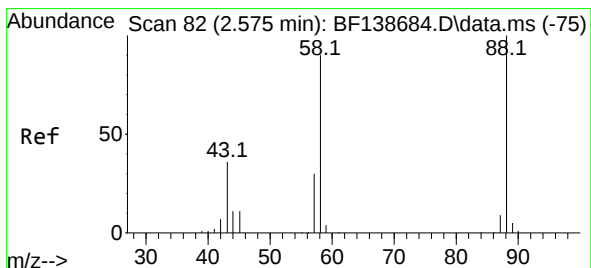
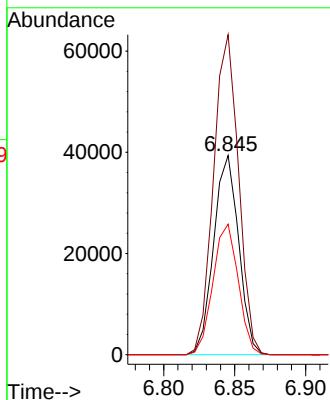
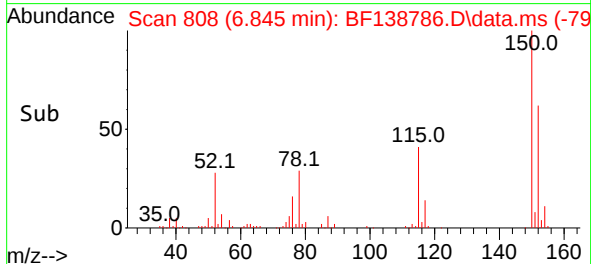


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Instrument :
BNA_F
ClientSampleId :
TP7

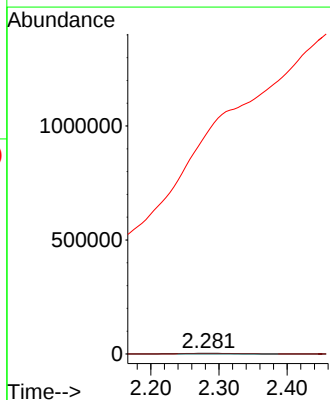
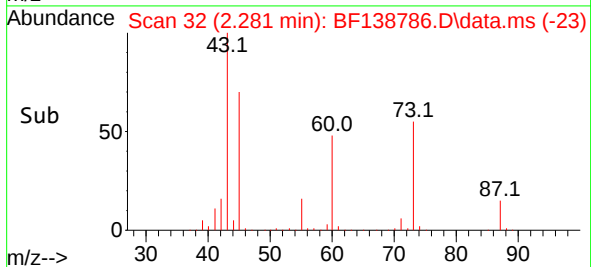
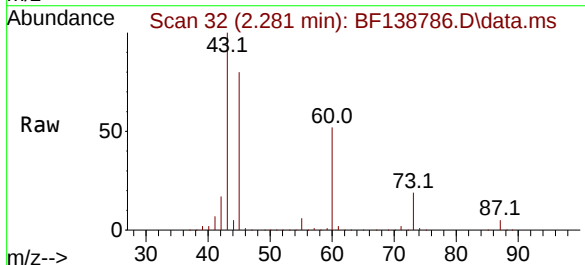


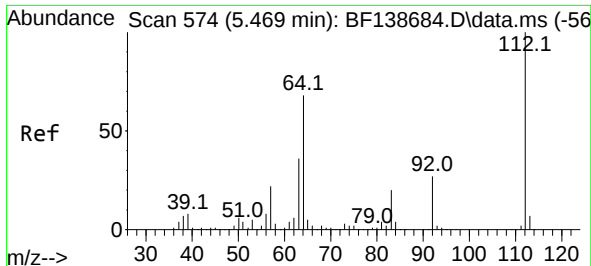
Tgt Ion:152 Resp: 48221
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 65.5 51.7 77.5



#2
1,4-Dioxane
Concen: 9.623 ng
RT: 2.281 min Scan# 32
Delta R.T. -0.294 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion: 88 Resp: 13161
Ion Ratio Lower Upper
88 100
58 18.4 71.6 107.4#
43 0.0 28.7 43.1#

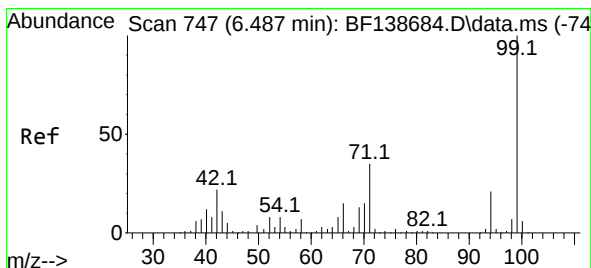
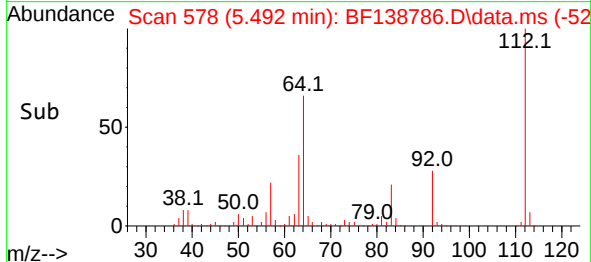
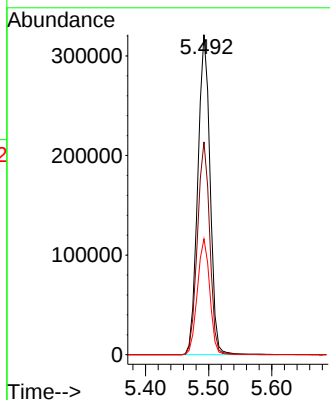
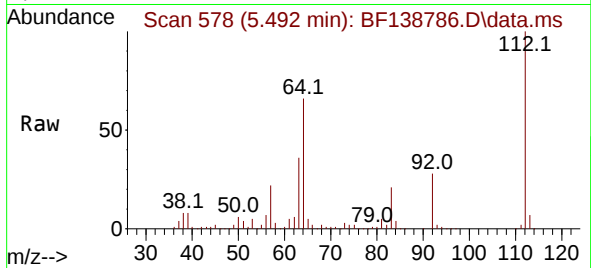




#5
2-Fluorophenol
Concen: 139.006 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

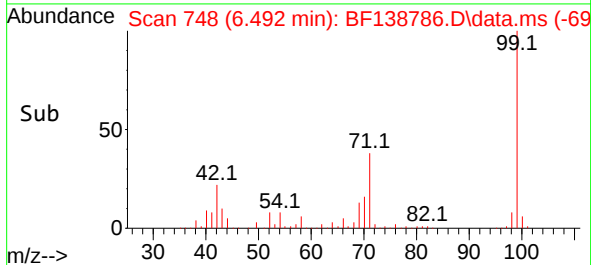
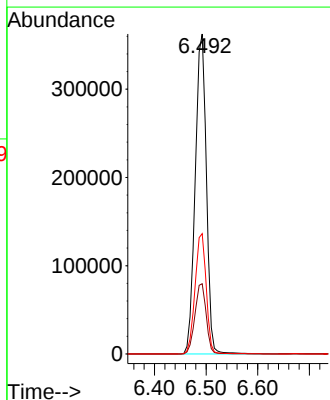
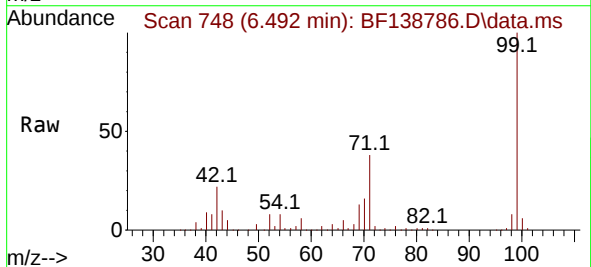
Instrument :
BNA_F
ClientSampleId :
TP7

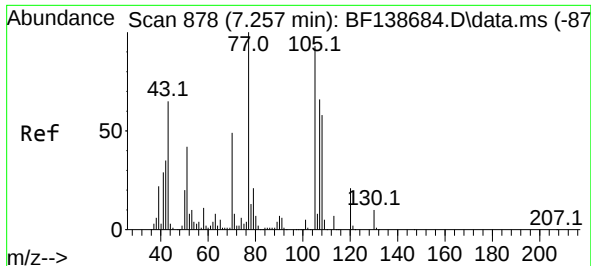
Tgt Ion:112 Resp: 434231
Ion Ratio Lower Upper
112 100
64 66.5 54.2 81.4
63 36.2 28.7 43.1



#7
Phenol-d6
Concen: 129.634 ng
RT: 6.492 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion: 99 Resp: 543691
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 37.6 28.1 42.1

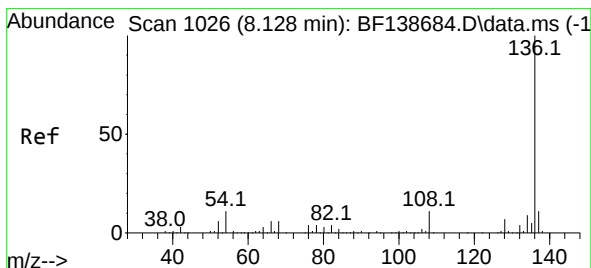
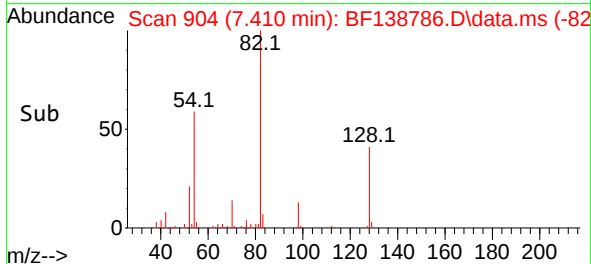
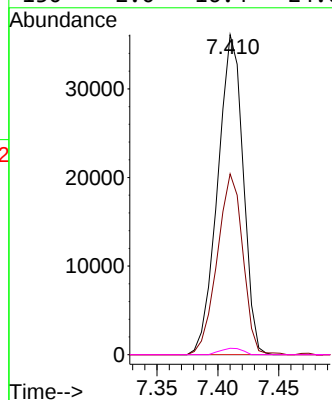
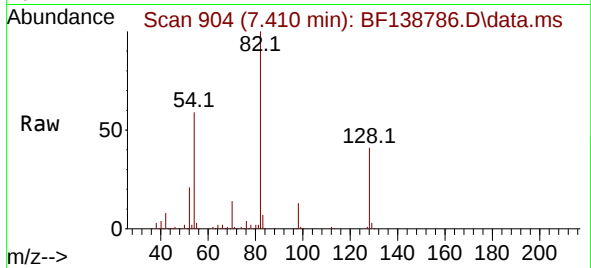




#19
n-Nitroso-di-n-propylamine
Concen: 20.725 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

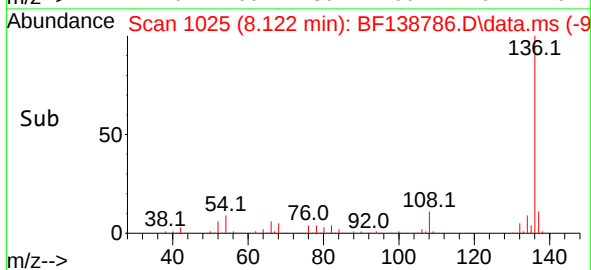
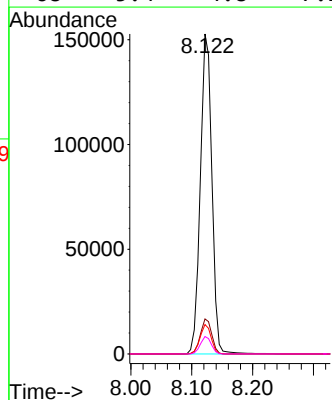
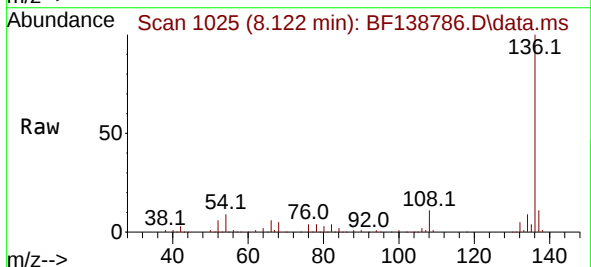
Instrument :
BNA_F
ClientSampleId :
TP7

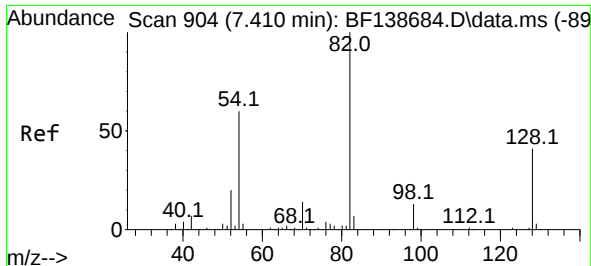
Tgt Ion: 70 Resp: 52498
Ion Ratio Lower Upper
70 100
42 56.5 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion: 136 Resp: 201561
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.2 8.6 12.8
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.084 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

TP7

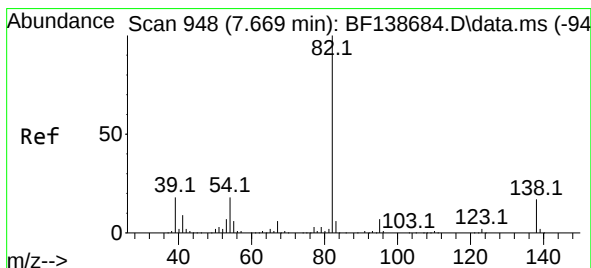
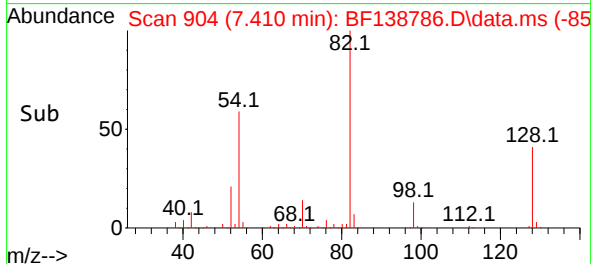
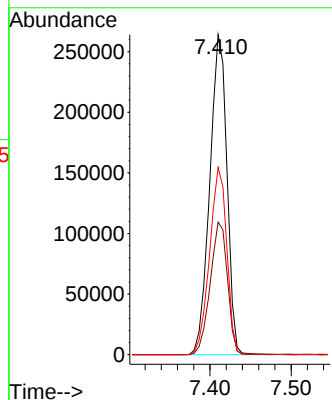
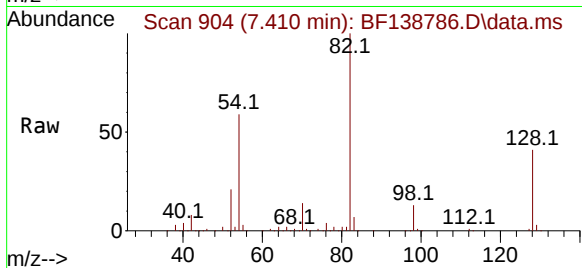
Tgt Ion: 82 Resp: 387872

Ion Ratio Lower Upper

82 100

128 41.5 32.8 49.2

54 58.5 48.3 72.5



#25

Isophorone

Concen: 54.797 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.259 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

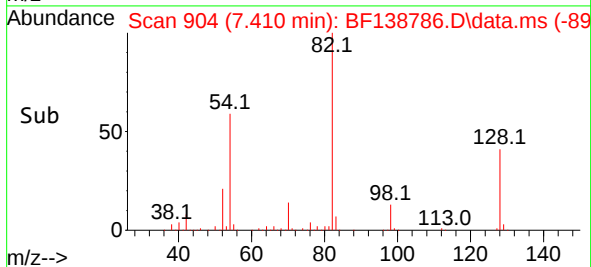
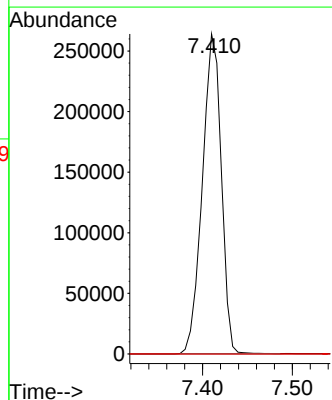
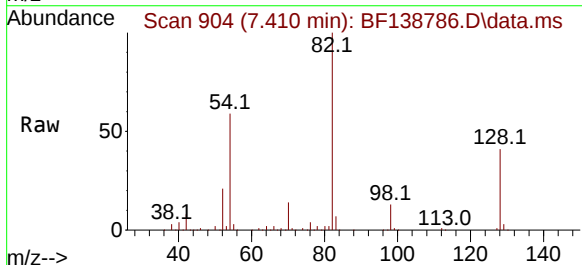
Tgt Ion: 82 Resp: 385745

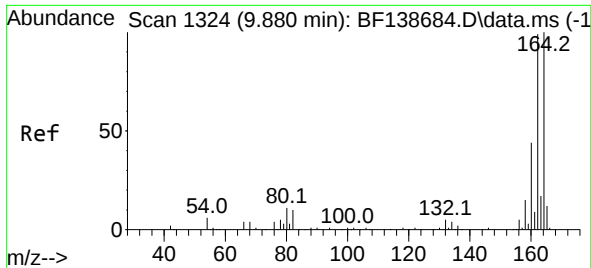
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.7 20.5#

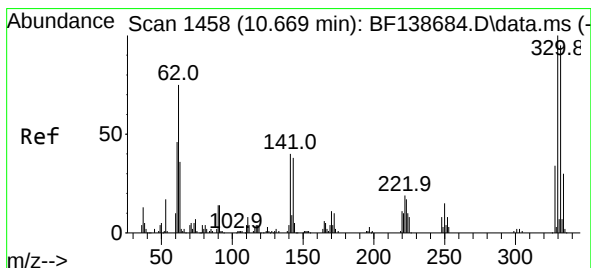
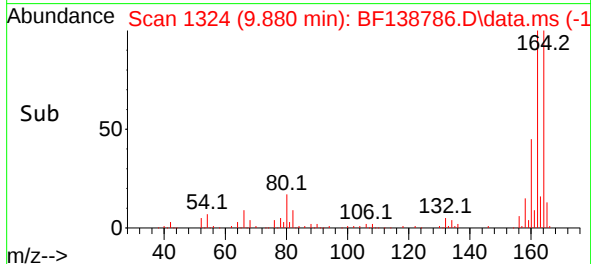
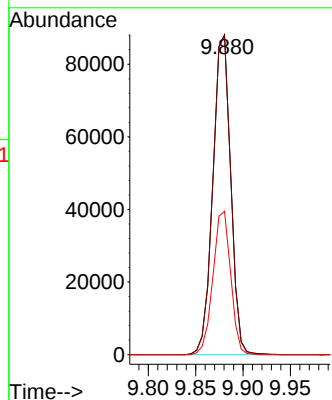
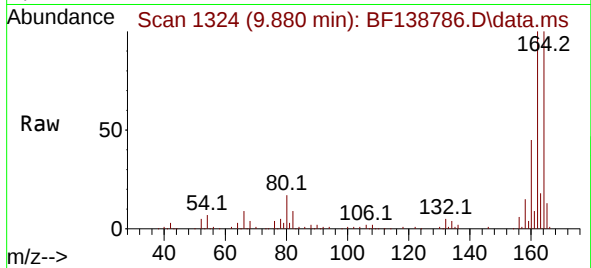




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

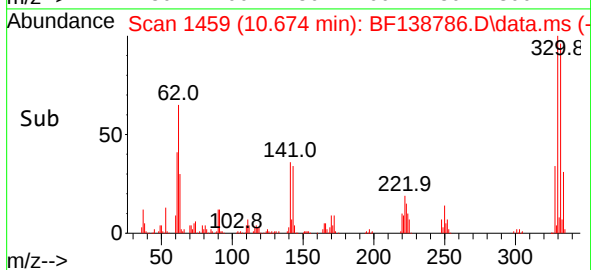
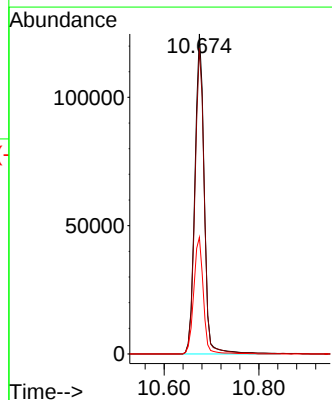
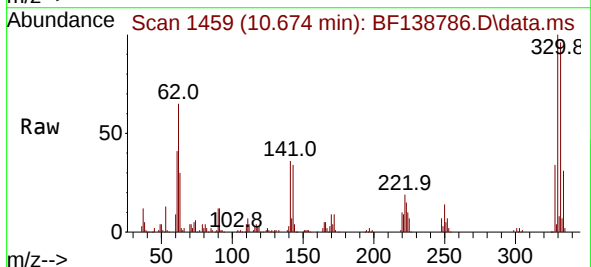
Instrument :
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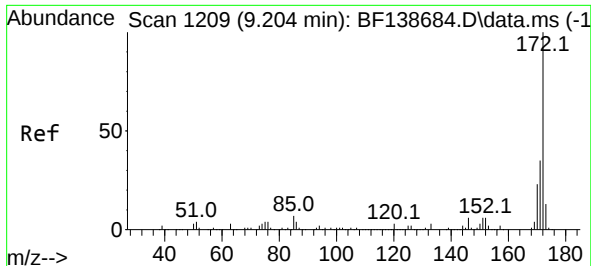
Tgt Ion:164 Resp: 115583
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 44.8 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 180.994 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion:330 Resp: 171361
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 37.2 31.1 46.7

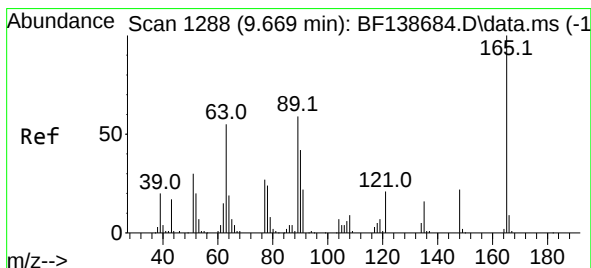
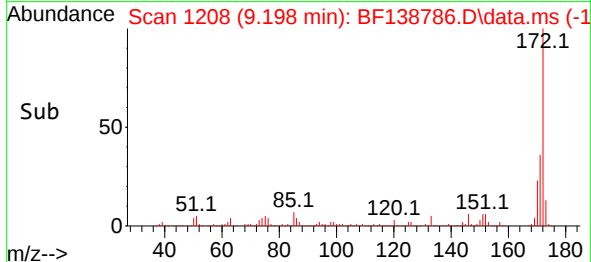
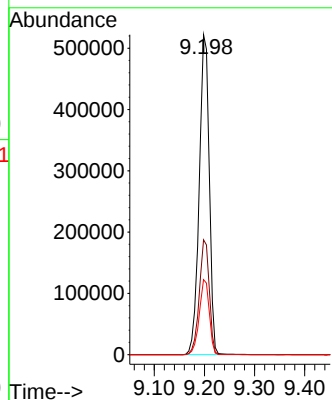
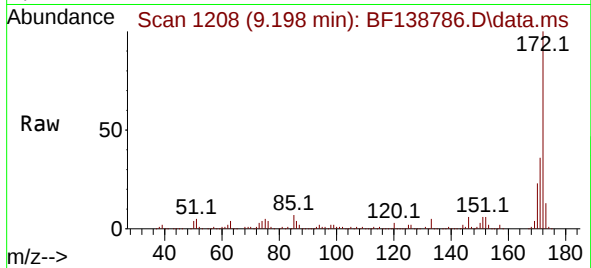




#45
2-Fluorobiphenyl
Concen: 94.211 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

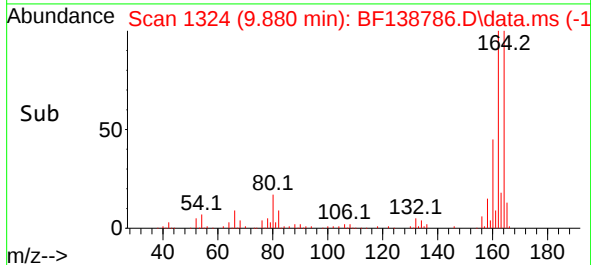
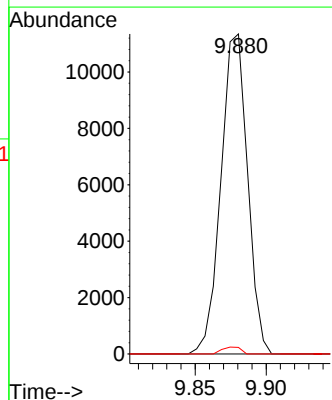
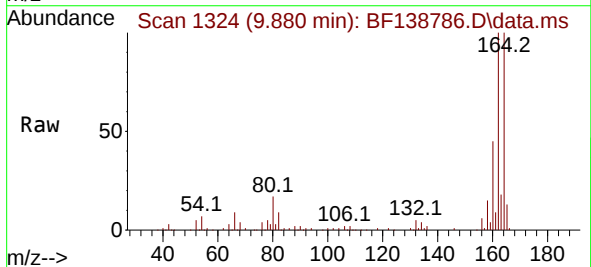
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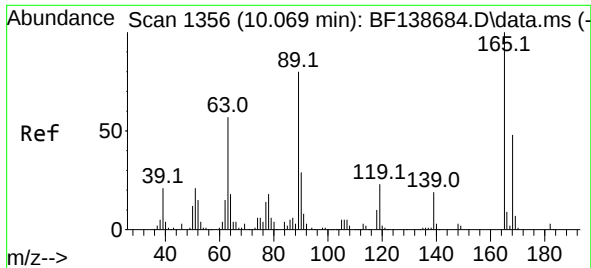
Tgt Ion:172 Resp: 724737
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.881 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion:165 Resp: 14812
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 2.1 47.0 70.6#

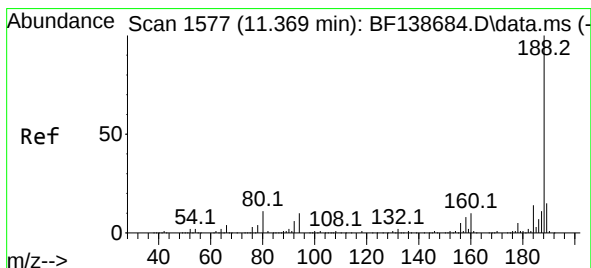
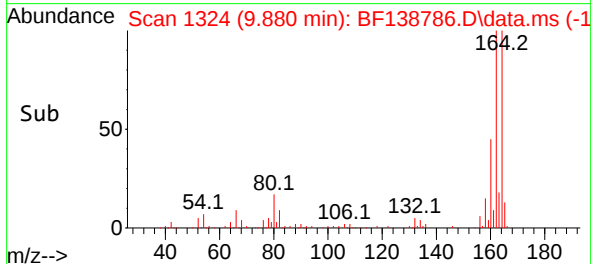
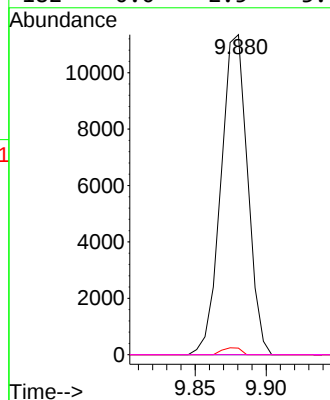
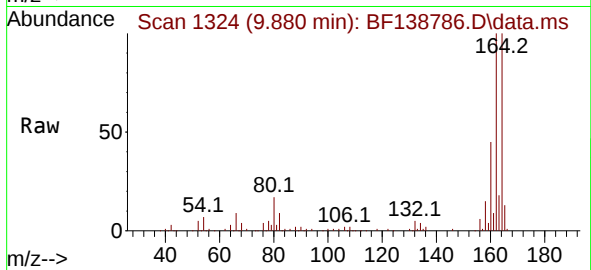




#57
2,4-Dinitrotoluene
Concen: 6.961 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

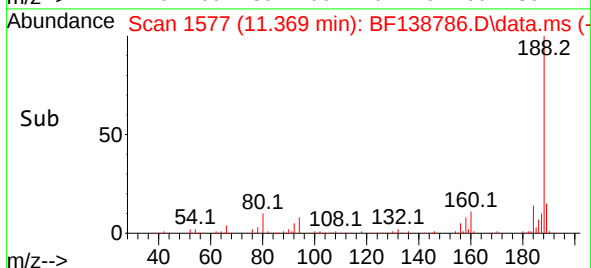
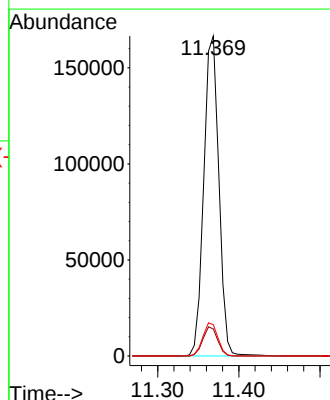
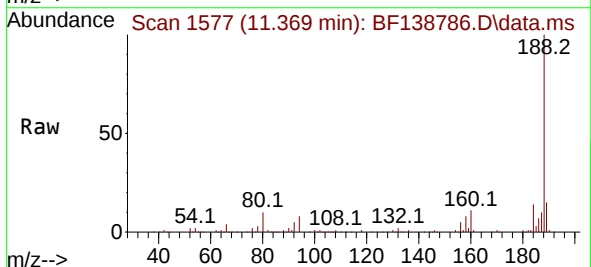
Instrument :
BNA_F
ClientSampleId :
TP7

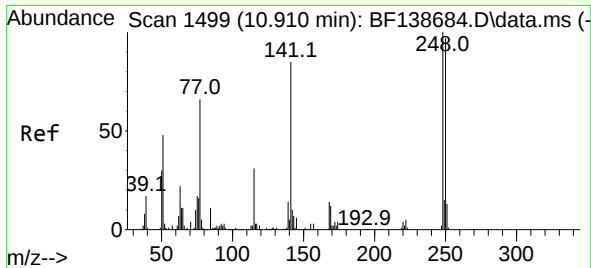
Tgt Ion:165 Resp: 14812
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 2.1 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion:188 Resp: 214583
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.8 8.6 12.8

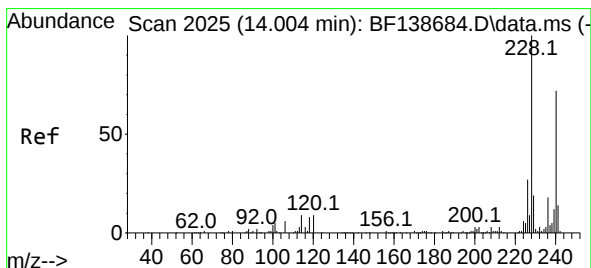
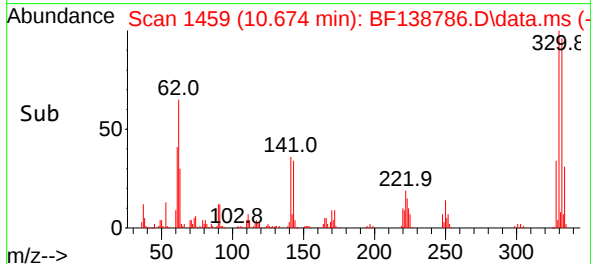
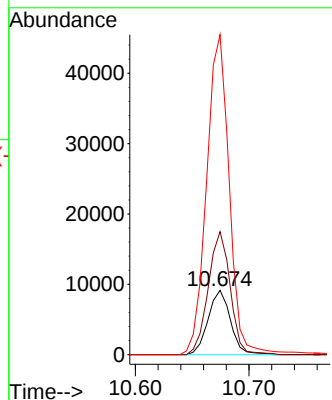
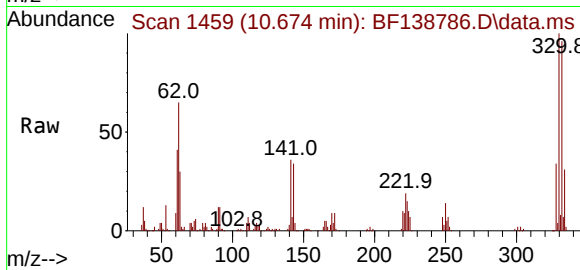




#67
4-Bromophenyl-phenylether
Concen: 5.392 ng
RT: 10.674 min Scan# 1499
Delta R.T. -0.235 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

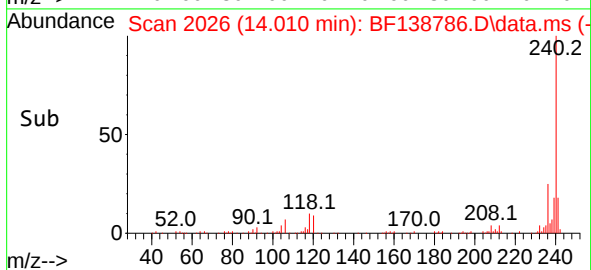
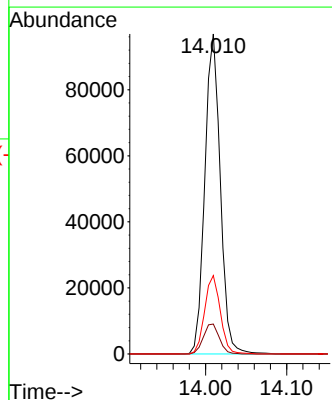
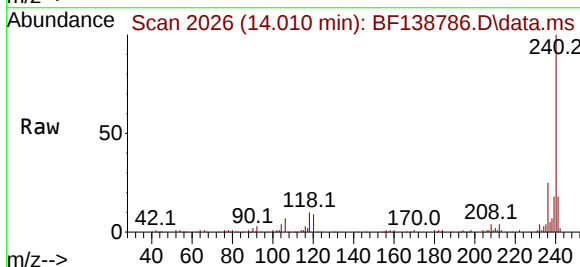
Instrument :
BNA_F
ClientSampleId :
TP7

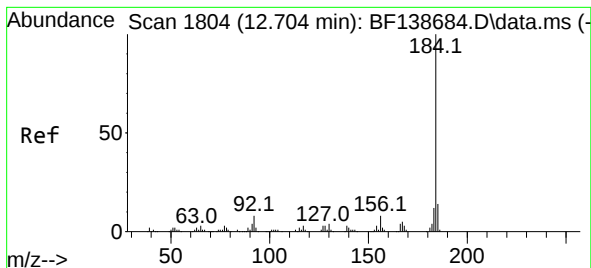
Tgt Ion:248 Resp: 12526
Ion Ratio Lower Upper
248 100
250 191.3 77.7 116.5#
141 497.8 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion:240 Resp: 127838
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 24.5 19.8 29.8





#77

Benzidine

Concen: 3.898 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

TP7

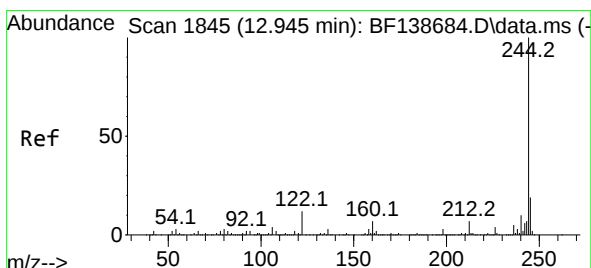
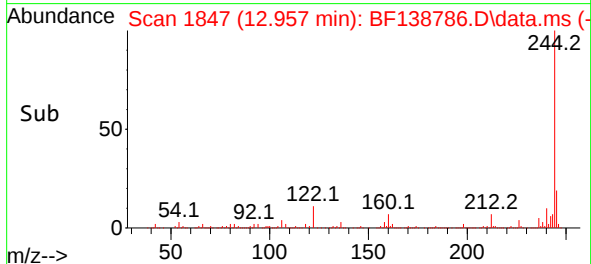
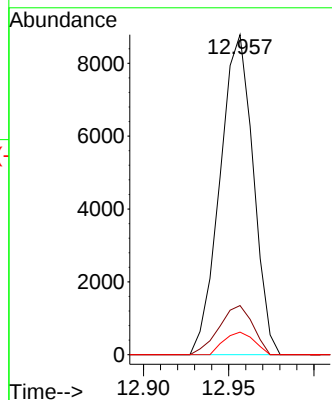
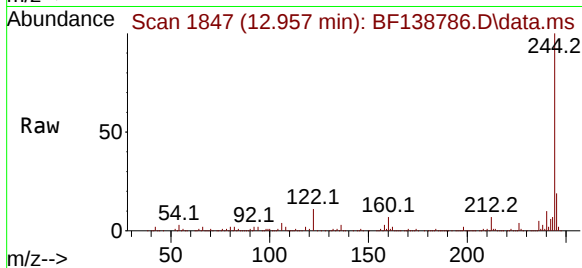
Tgt Ion:184 Resp: 11920

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

183 7.0 9.6 14.4#



#79

Terphenyl-d14

Concen: 114.394 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.012 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

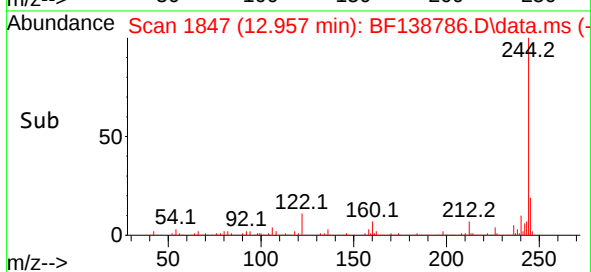
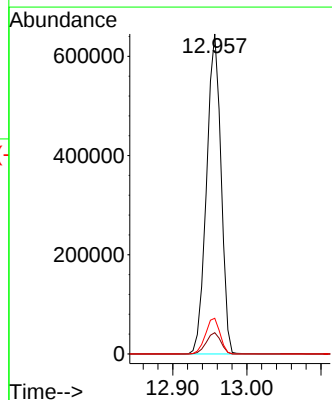
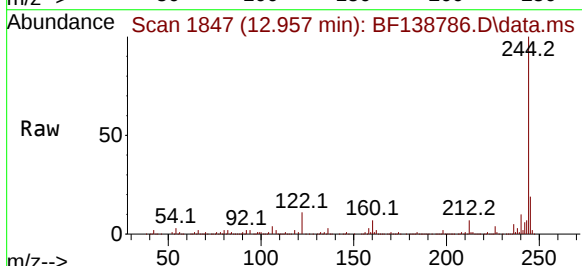
Tgt Ion:244 Resp: 873451

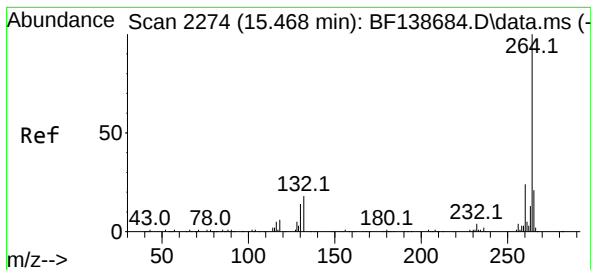
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.1 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138786.D

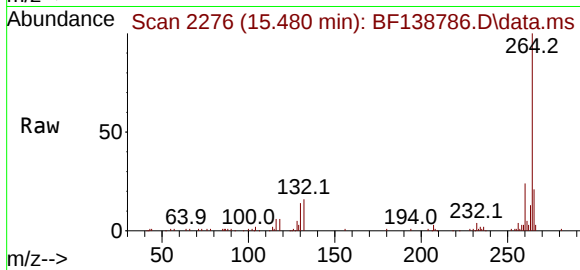
Acq: 05 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

TP7



Tgt Ion:264 Resp: 86946

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.1 17.0 25.6

