

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138742.D
 Acq On : 02 Aug 2024 12:28
 Operator : RC/JU
 Sample : P3396-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF02-01

Quant Time: Aug 02 12:55:20 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)

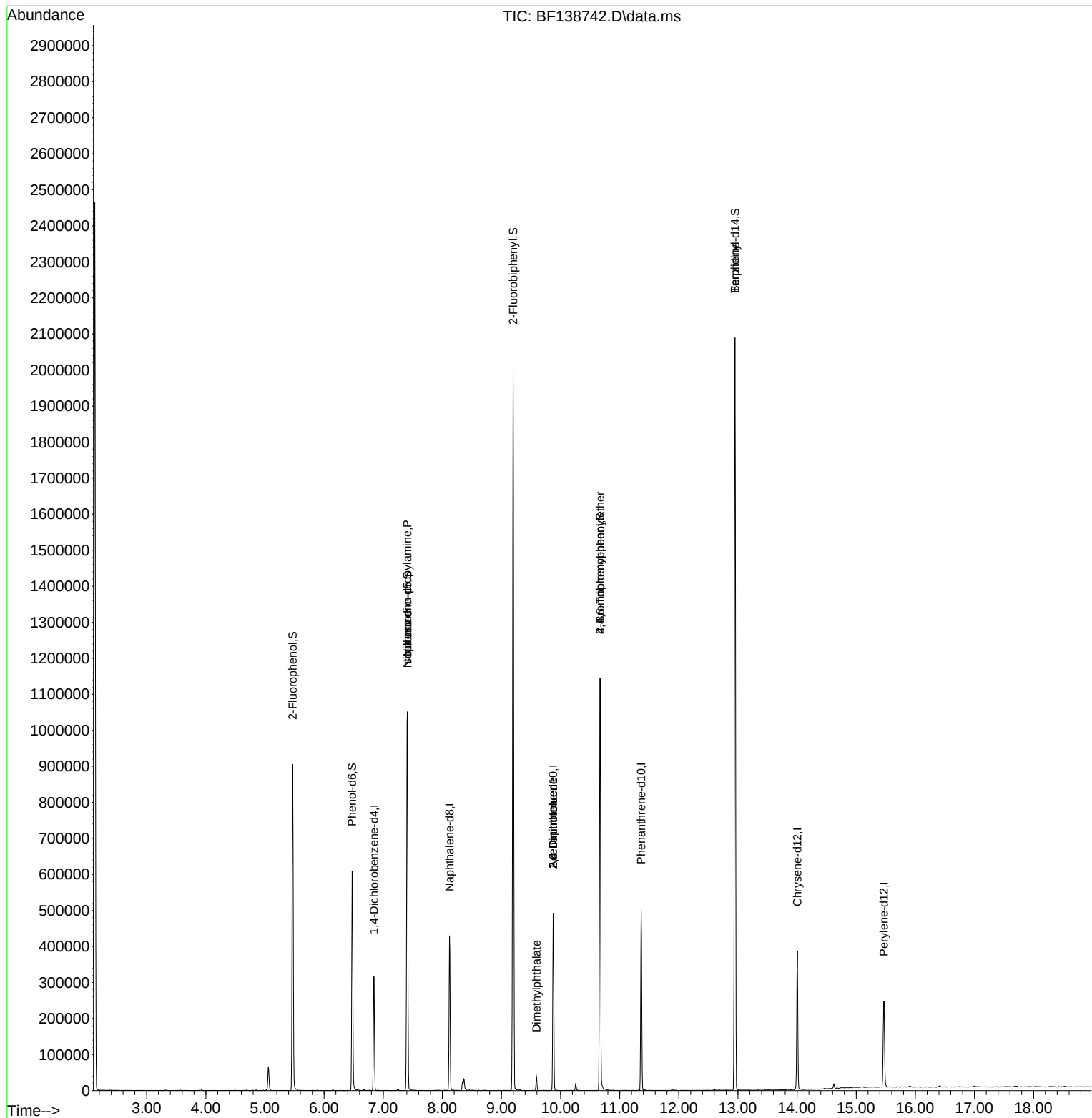
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	63039	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	259893	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	144841	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	257903	20.000	ng	0.00
76) Chrysene-d12	14.004	240	174500	20.000	ng	0.00
86) Perylene-d12	15.468	264	139023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	302980	74.191	ng	0.00
7) Phenol-d6	6.475	99	273363	49.858	ng	-0.01
23) Nitrobenzene-d5	7.410	82	487969	91.797	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	173011	145.823	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	843306	87.480	ng	0.00
79) Terphenyl-d14	12.951	244	1000662	96.010	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	65224	19.696	ng	# 75
25) Isophorone	7.410	82	485170	53.451	ng	# 66
50) Dimethylphthalate	9.592	163	20912	2.258	ng	# 99
51) 2,6-Dinitrotoluene	9.875	165	18930	9.057	ng	# 20
57) 2,4-Dinitrotoluene	9.875	165	18930	7.099	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	12526	4.486	ng	# 1
77) Benzidine	12.951	184	12957	3.104	ng	# 92

(#) = 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

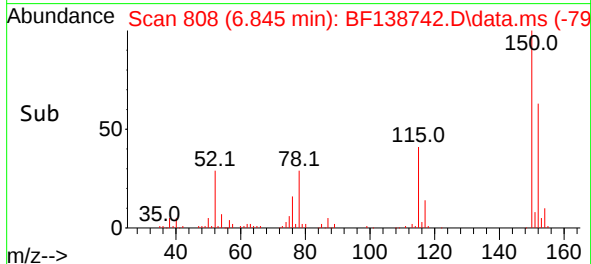
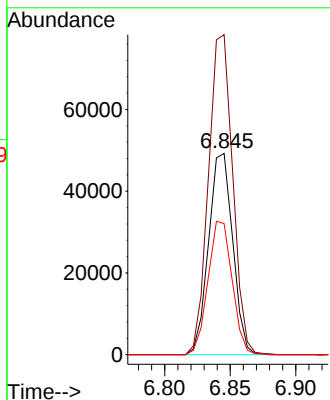
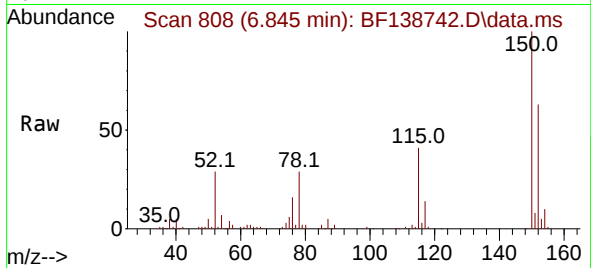




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

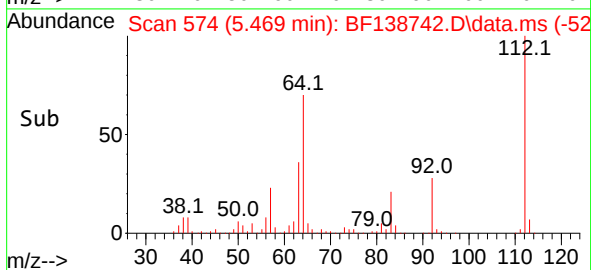
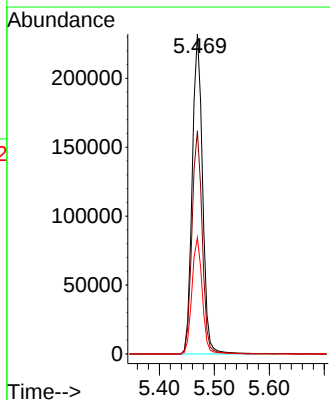
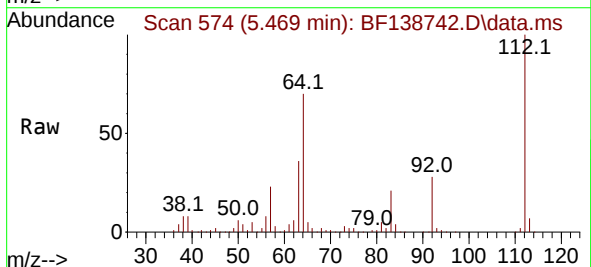
Instrument :
BNA_F
ClientSampleId :
P001-CF02-01

Tgt Ion:152 Resp: 63039
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 65.1 51.7 77.5



#5
2-Fluorophenol
Concen: 74.191 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

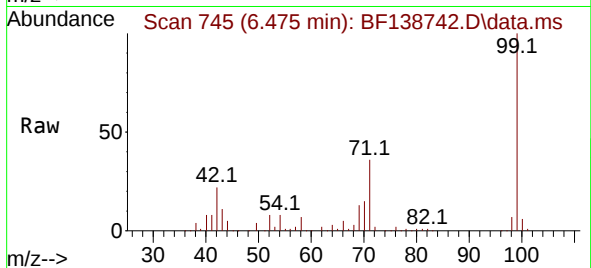
Tgt Ion:112 Resp: 302980
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 36.4 28.7 43.1



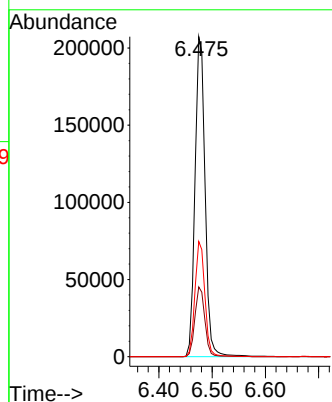
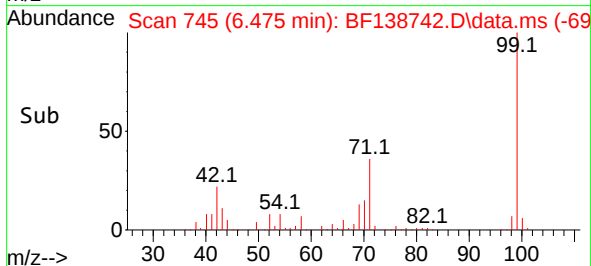


#7
Phenol-d6
Concen: 49.858 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

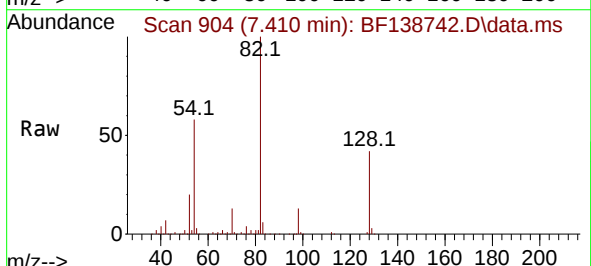
Instrument :
BNA_F
ClientSampleId :
P001-CF02-01



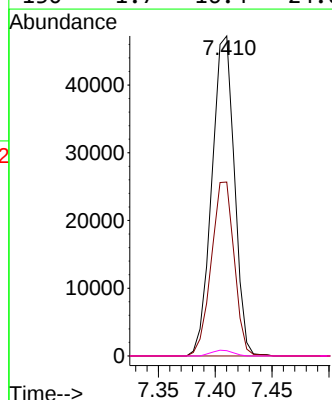
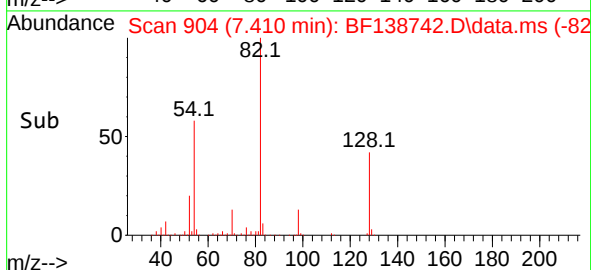
Tgt Ion: 99 Resp: 273363
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.0
71 36.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.696 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28



Tgt Ion: 70 Resp: 65224
Ion Ratio Lower Upper
70 100
42 54.4 57.4 86.0#
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#





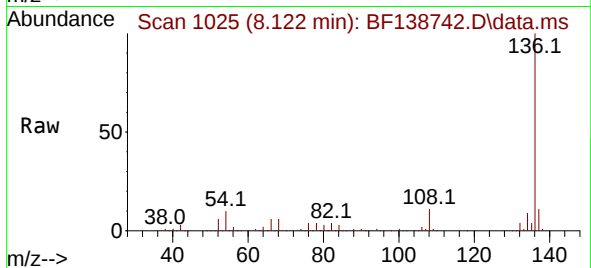
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Instrument :

BNA_F

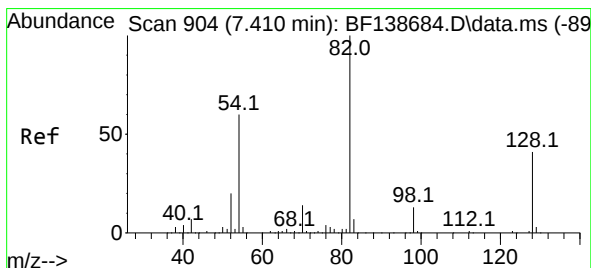
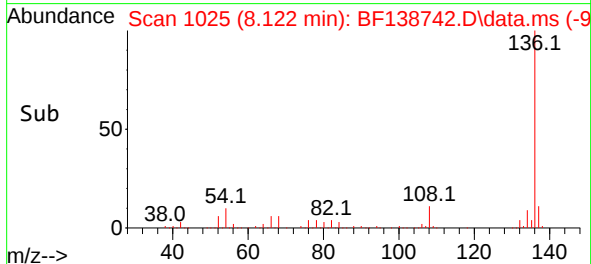
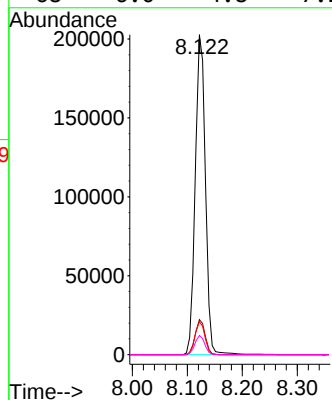
ClientSampleId :

P001-CF02-01



Tgt Ion:136 Resp: 259893

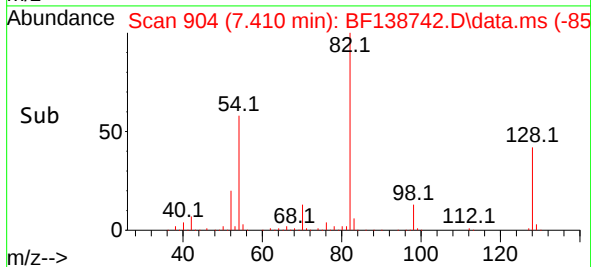
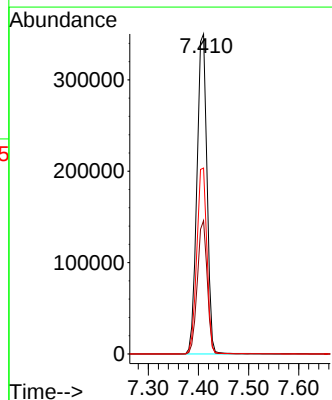
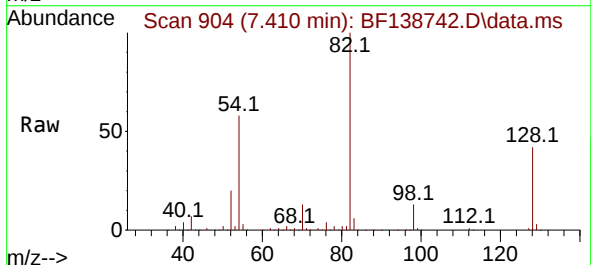
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	8.6	12.8
68	6.0	4.8	7.2

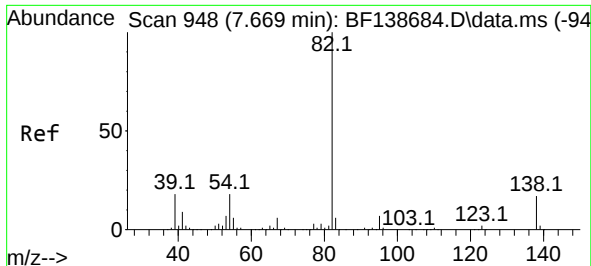


#23
Nitrobenzene-d5
Concen: 91.797 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion: 82 Resp: 487969

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	58.1	48.3	72.5

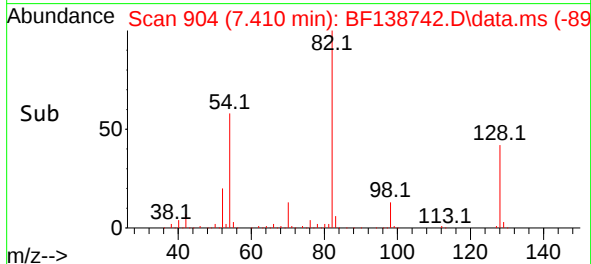
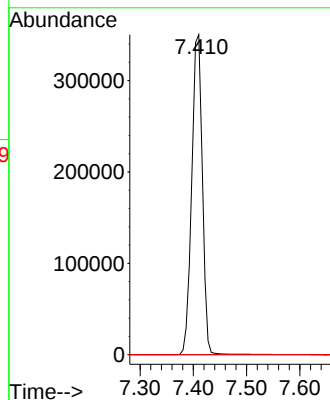
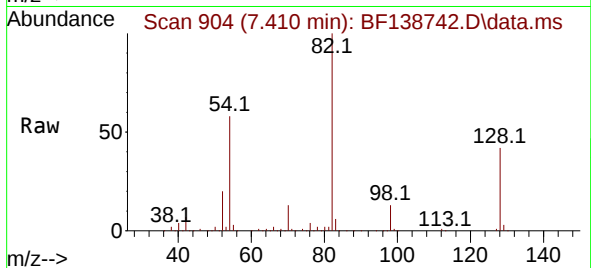




#25
Isophorone
Concen: 53.451 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

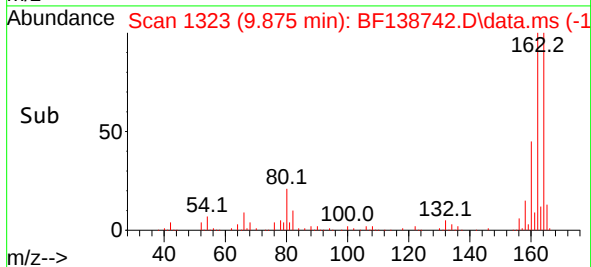
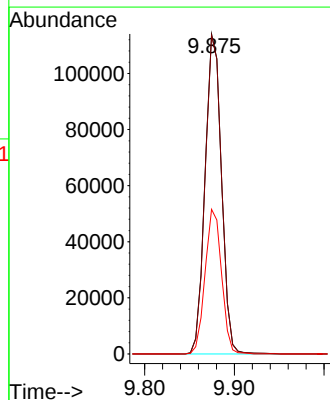
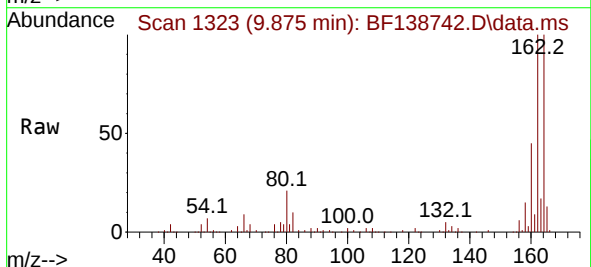
Instrument :
BNA_F
ClientSampleId :
P001-CF02-01

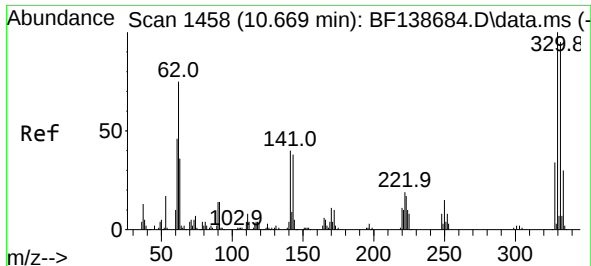
Tgt Ion: 82 Resp: 485170
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion:164 Resp: 144841
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 145.823 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138742.D

Acq: 02 Aug 2024 12:28

Instrument :

BNA_F

ClientSampleId :

P001-CF02-01

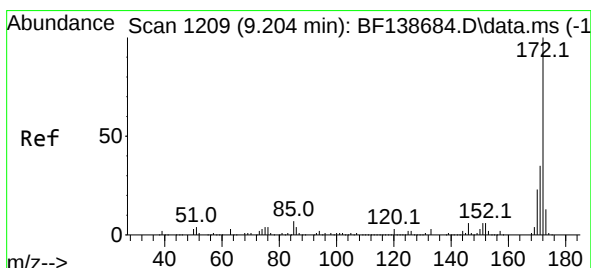
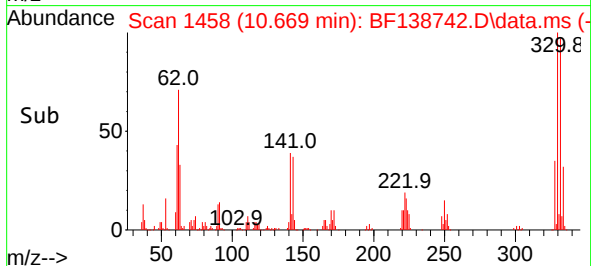
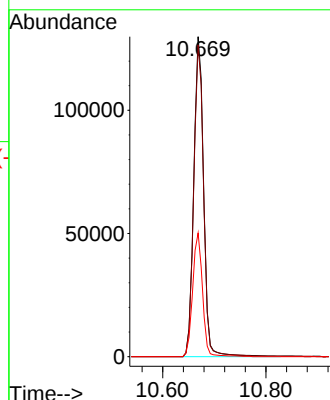
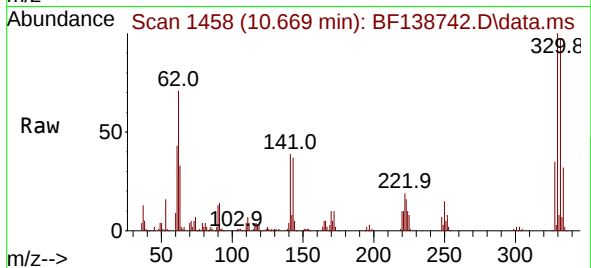
Tgt Ion:330 Resp: 173011

Ion Ratio Lower Upper

330 100

332 97.3 76.4 114.6

141 38.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 87.480 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138742.D

Acq: 02 Aug 2024 12:28

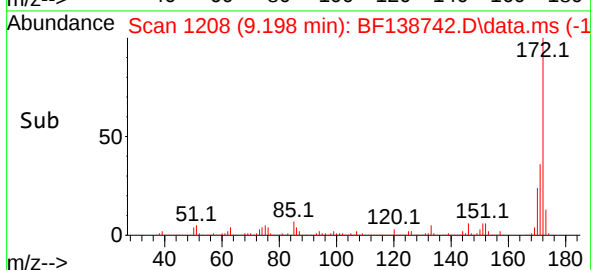
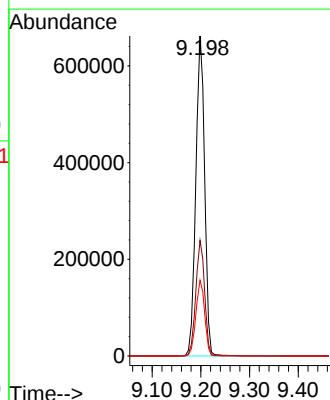
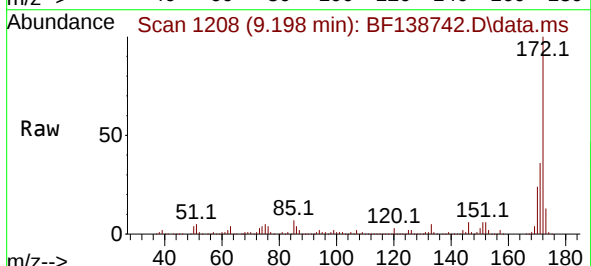
Tgt Ion:172 Resp: 843306

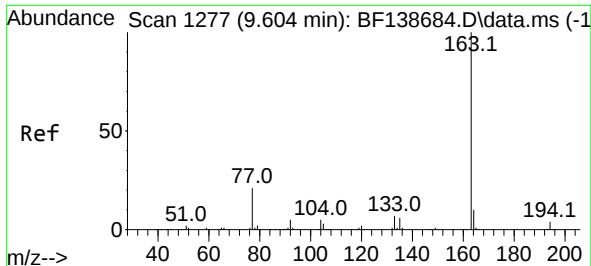
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.6 18.8 28.2

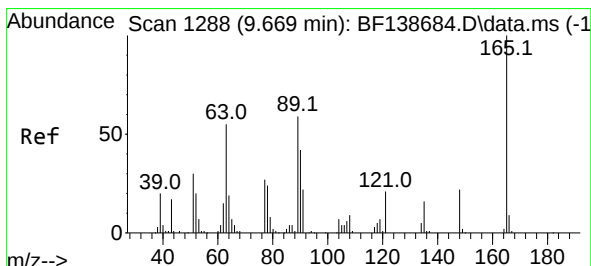
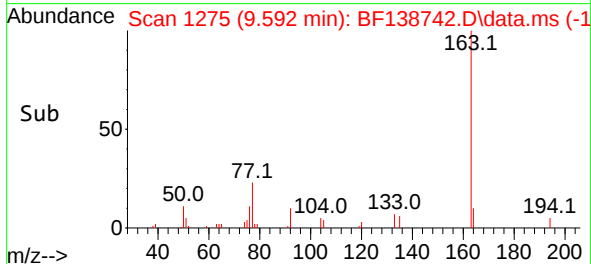
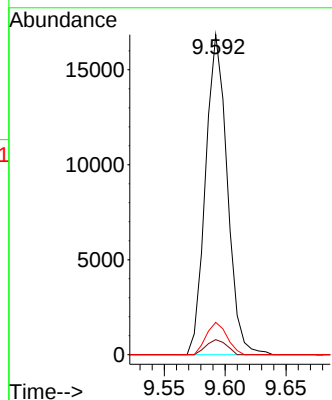
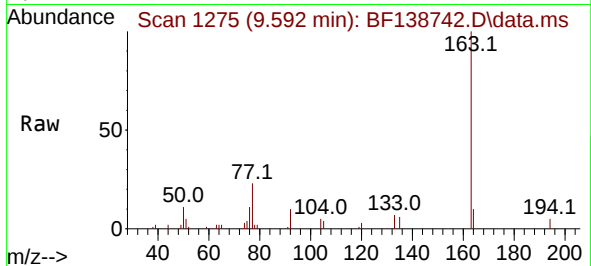




#50
Dimethylphthalate
Concen: 2.258 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

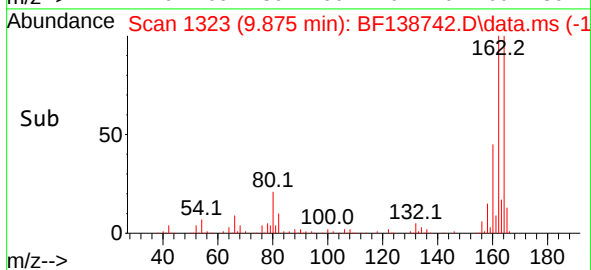
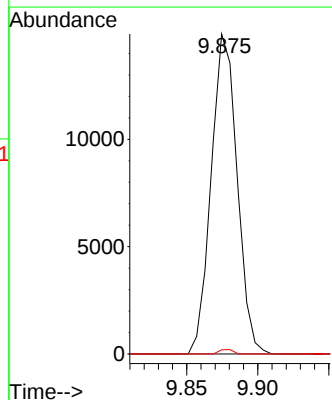
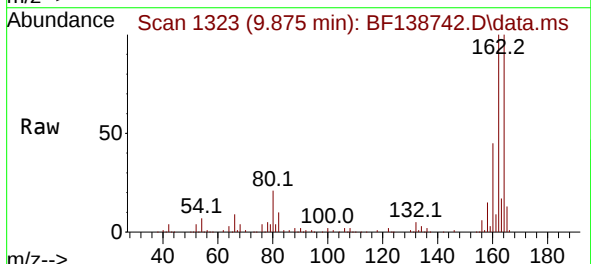
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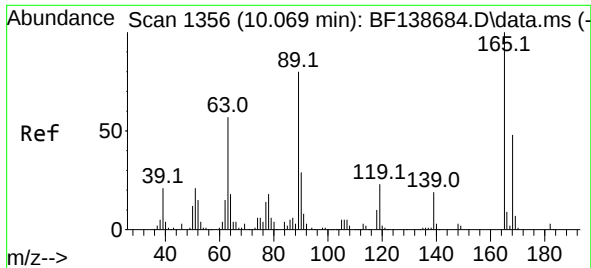
Tgt Ion:163 Resp: 20912
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 10.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.057 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion:165 Resp: 18930
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.3 47.0 70.6#

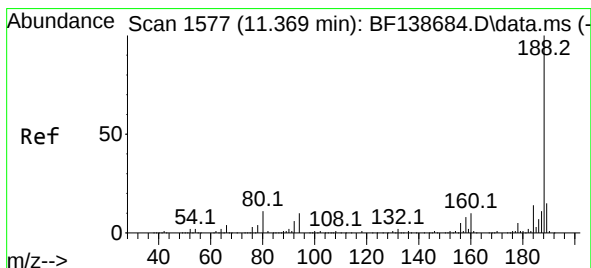
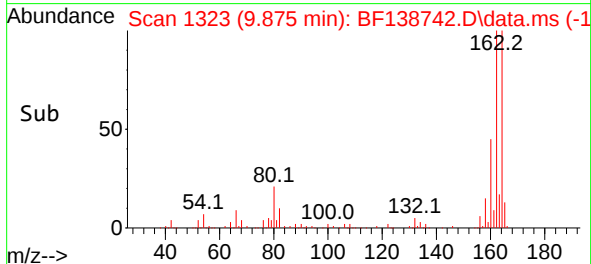
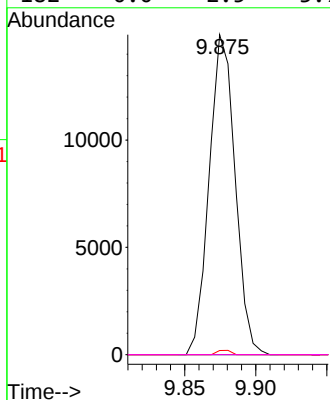
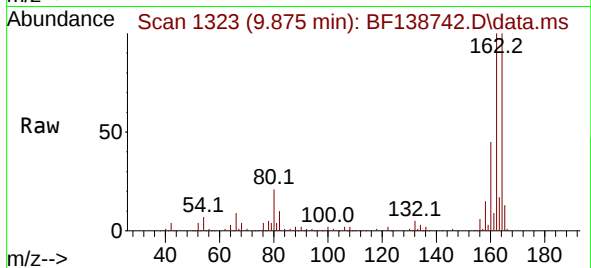




#57
2,4-Dinitrotoluene
Concen: 7.099 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

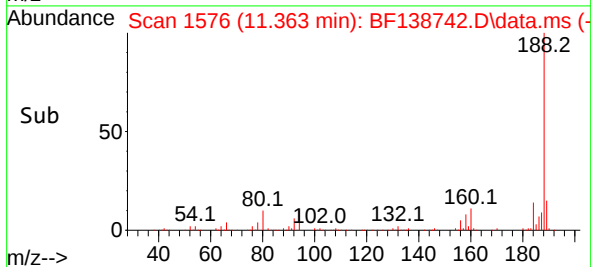
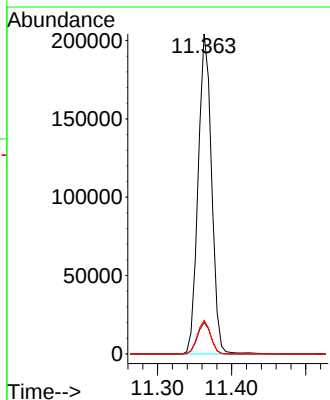
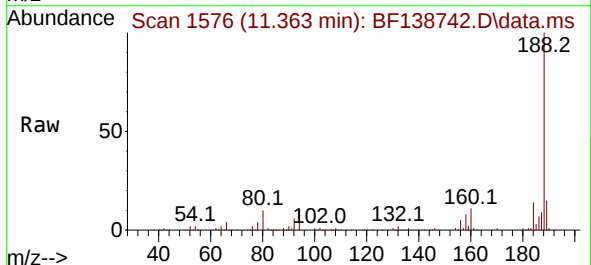
Instrument :
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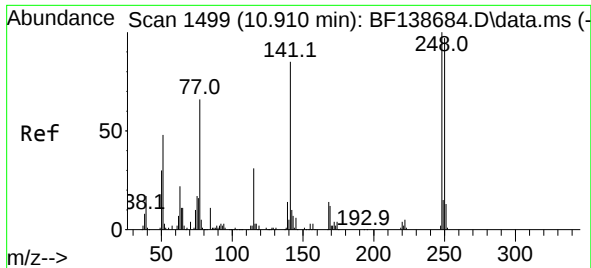
Tgt Ion:165 Resp: 18930
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.3 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion:188 Resp: 257903
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.5 8.6 12.8

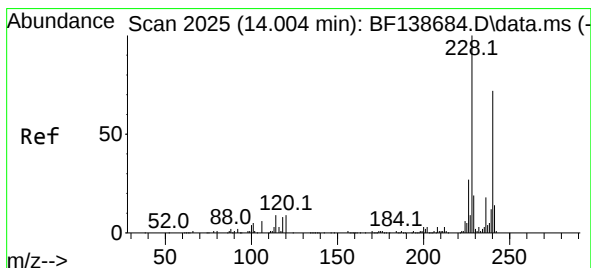
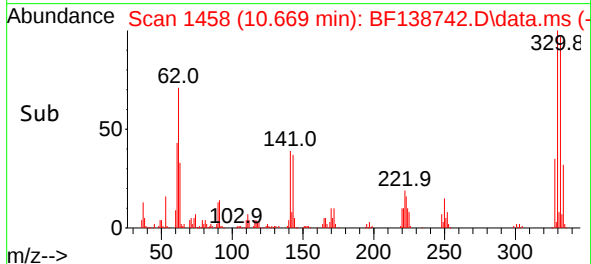
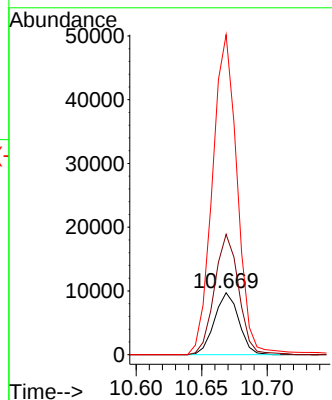
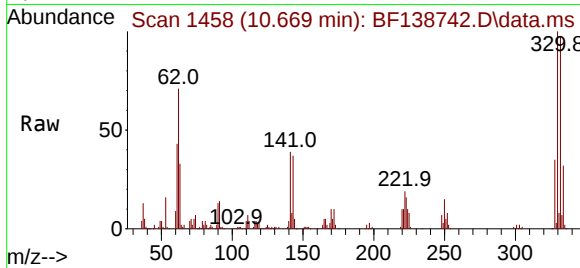




#67
4-Bromophenyl-phenylether
Concen: 4.486 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

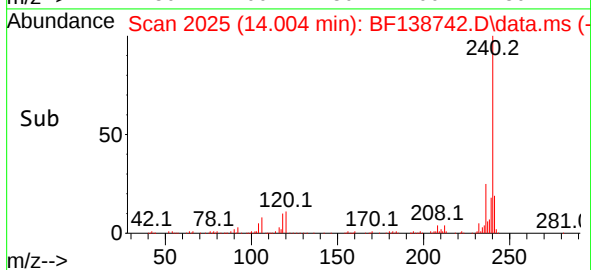
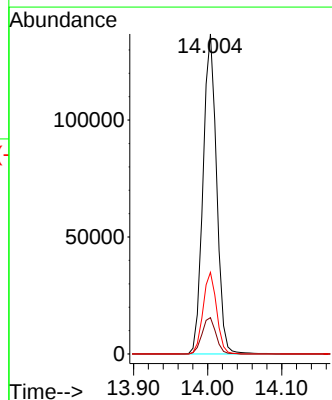
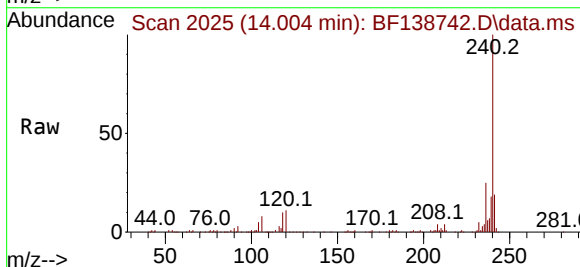
Instrument :
BNA_F
ClientSampleId :
P001-CF02-01

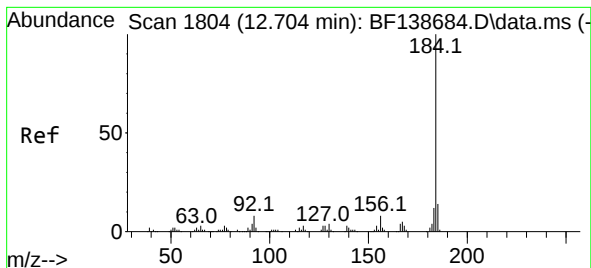
Tgt Ion:248 Resp: 12526
Ion Ratio Lower Upper
248 100
250 194.3 77.7 116.5#
141 516.5 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion:240 Resp: 174500
Ion Ratio Lower Upper
240 100
120 11.3 10.2 15.4
236 25.5 19.8 29.8





#77

Benzidine

Concen: 3.104 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138742.D

Acq: 02 Aug 2024 12:28

Instrument :

BNA_F

ClientSampleId :

P001-CF02-01

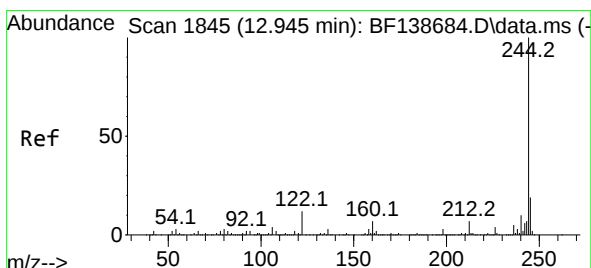
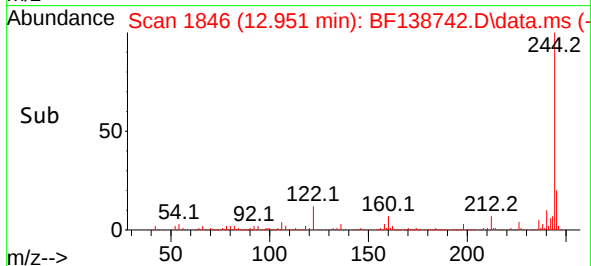
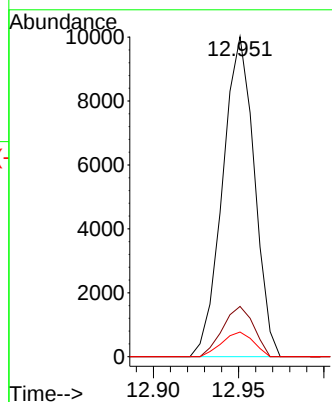
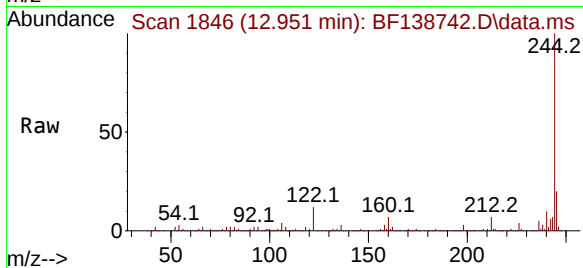
Tgt Ion:184 Resp: 12957

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

183 7.7 9.6 14.4#



#79

Terphenyl-d14

Concen: 96.010 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138742.D

Acq: 02 Aug 2024 12:28

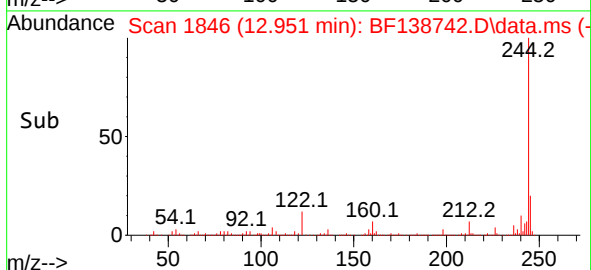
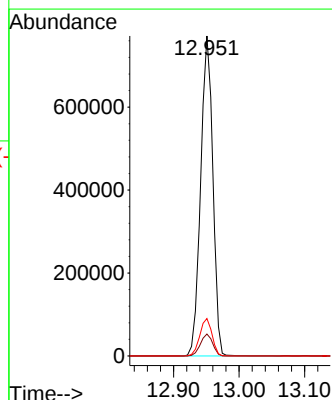
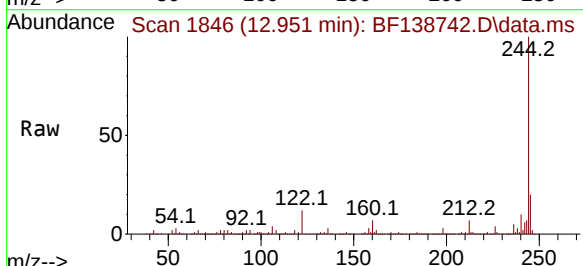
Tgt Ion:244 Resp: 1000662

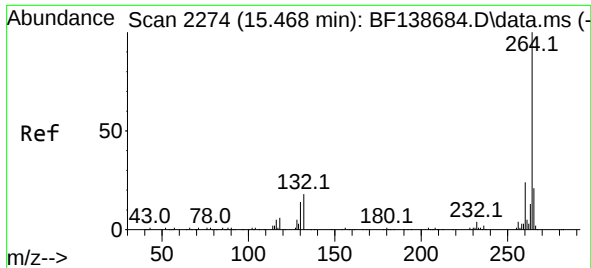
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.7 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: BF138742.D
 Acq: 02 Aug 2024 12:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF02-01

Tgt Ion:264 Resp: 139023
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.7 17.0 25.6

