

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138729.D
 Acq On : 01 Aug 2024 17:32
 Operator : RC/JU
 Sample : P3368-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Quant Time: Aug 01 18:06:40 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)

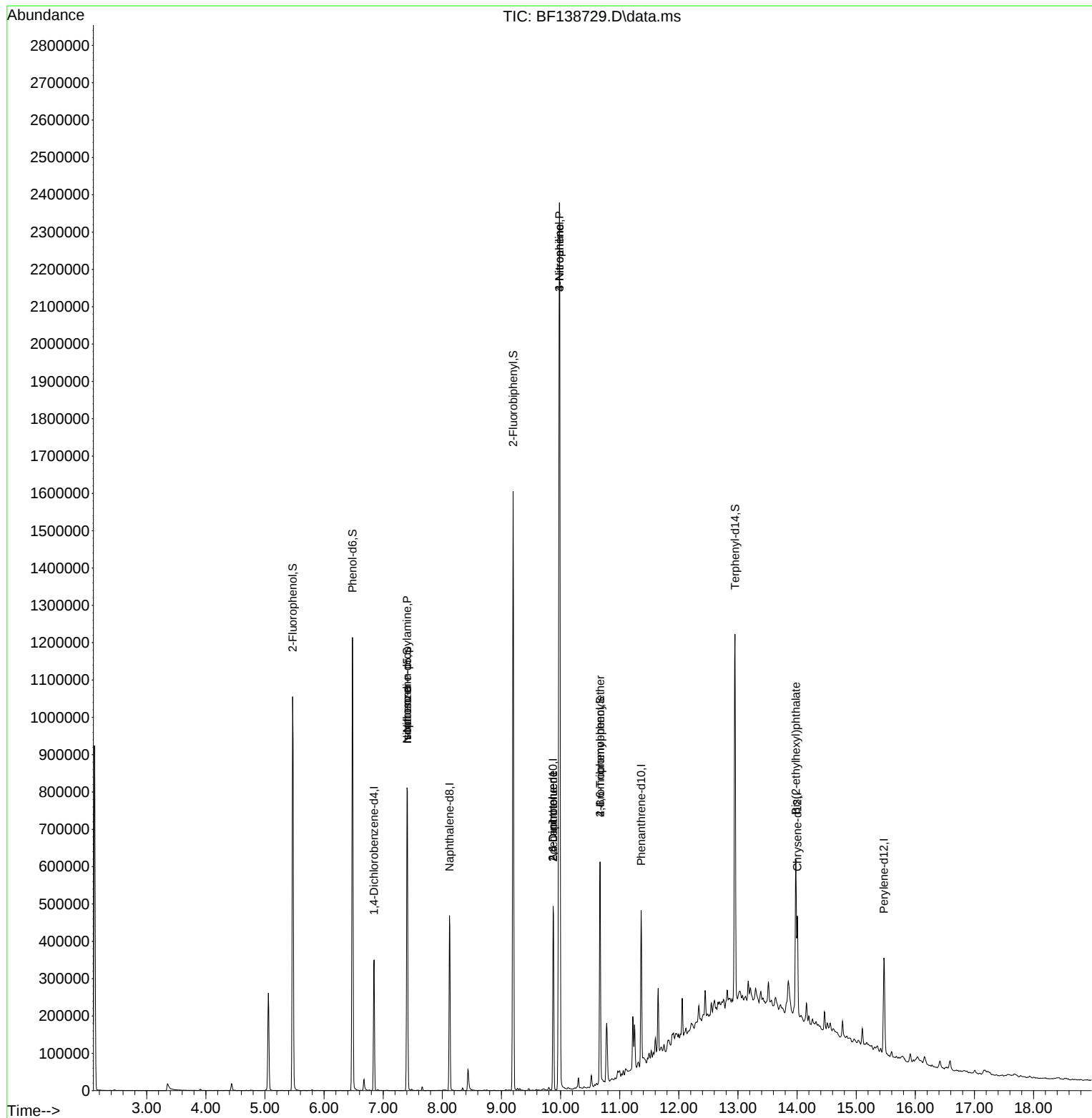
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68335	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	281218	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	143327	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	199580	20.000	ng	0.00
76) Chrysene-d12	14.004	240	115936	20.000	ng	0.00
86) Perylene-d12	15.468	264	136943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	357341	80.721	ng	0.00
7) Phenol-d6	6.481	99	537498	90.435	ng	0.00
23) Nitrobenzene-d5	7.404	82	360910	62.746	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	86678	73.829	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	655601	68.727	ng	0.00
79) Terphenyl-d14	12.951	244	462049	66.726	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	48934	13.632	ng	# 74
25) Isophorone	7.404	82	360906	36.746	ng	# 66
51) 2,6-Dinitrotoluene	9.874	165	18391	8.892	ng	# 21
53) 3-Nitroaniline	9.980	138	25260	11.814	ng	# 1
56) 4-Nitrophenol	9.980	139	3149	2.449	ng	# 1
57) 2,4-Dinitrotoluene	9.874	165	18391	6.970	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	6542	3.028	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.980	149	149985	29.302	ng	100

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

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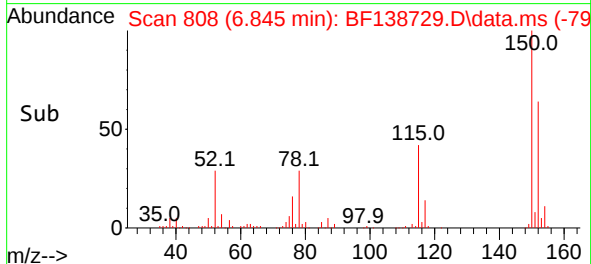
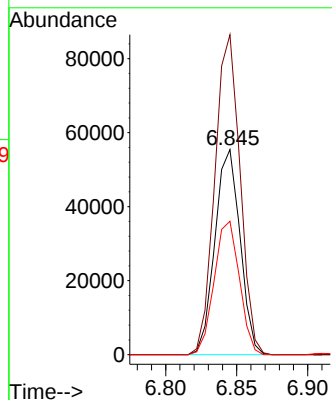
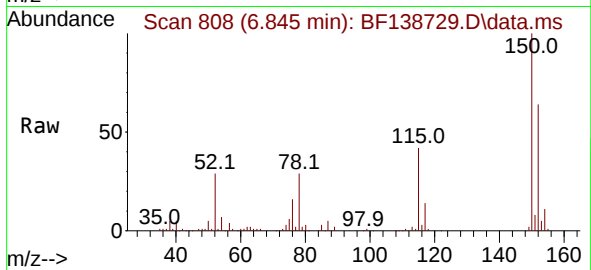




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 808
 Delta R.T. 0.000 min
 Lab File: BF138729.D
 Acq: 01 Aug 2024 17:32

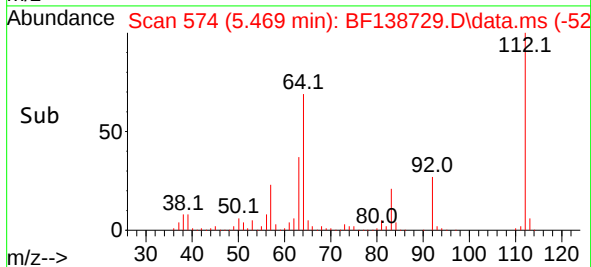
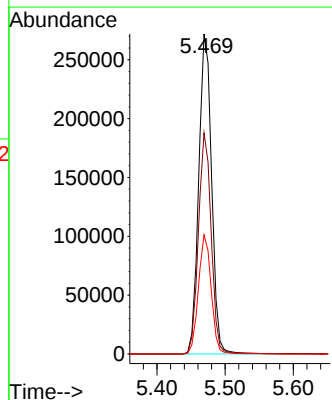
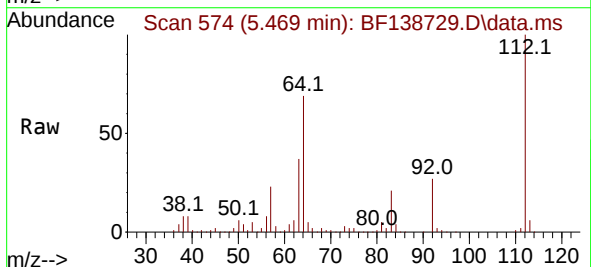
Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Tgt Ion:152 Resp: 68335
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.0 189.0
 115 65.0 51.7 77.5



#5
 2-Fluorophenol
 Concen: 80.721 ng
 RT: 5.469 min Scan# 574
 Delta R.T. -0.000 min
 Lab File: BF138729.D
 Acq: 01 Aug 2024 17:32

Tgt Ion:112 Resp: 357341
 Ion Ratio Lower Upper
 112 100
 64 69.1 54.2 81.4
 63 37.2 28.7 43.1

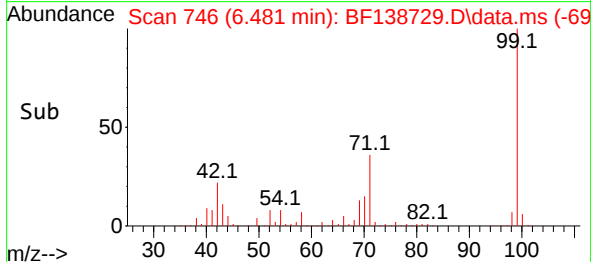
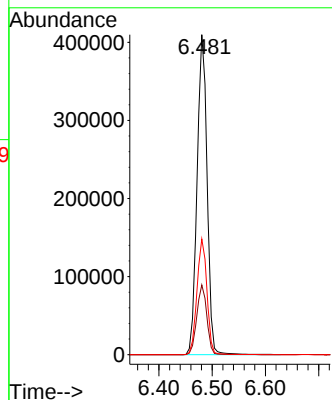
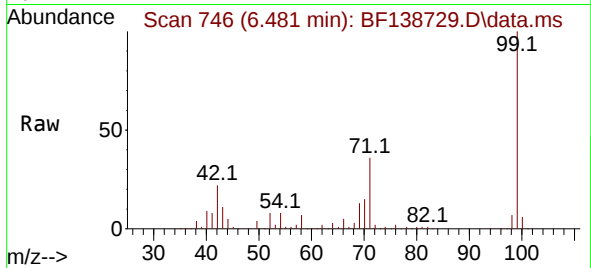




#7
Phenol-d6
Concen: 90.435 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

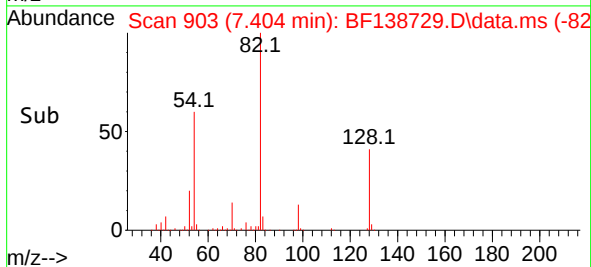
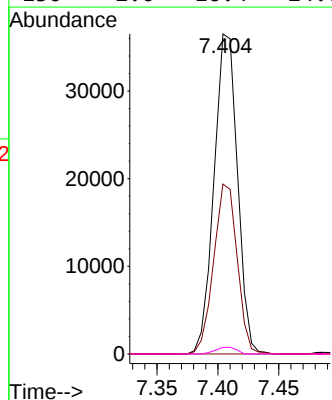
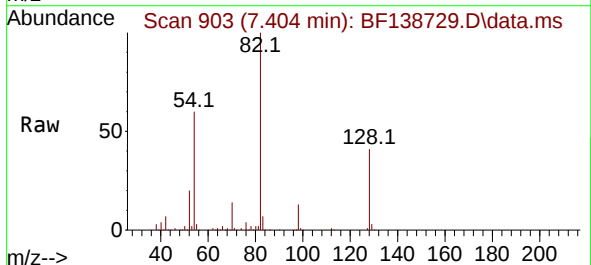
Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion: 99 Resp: 537498
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.0
71 36.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.632 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Tgt Ion: 70 Resp: 48934
Ion Ratio Lower Upper
70 100
42 53.1 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

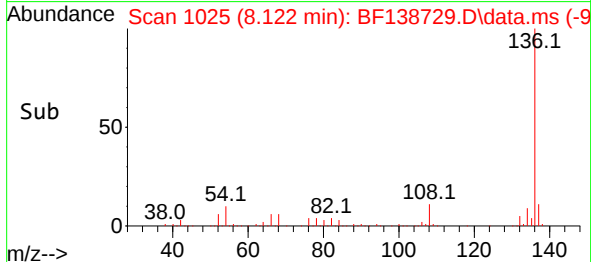
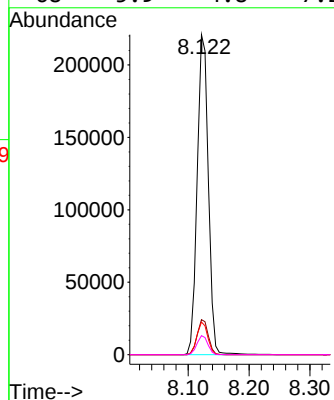
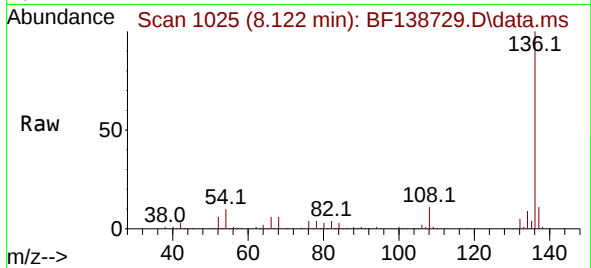




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

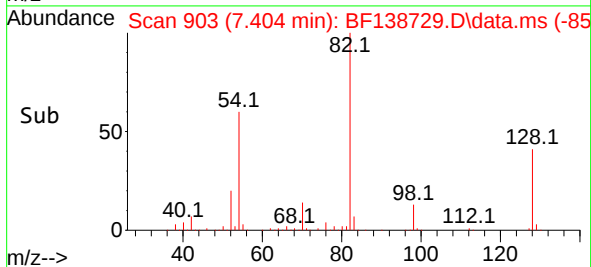
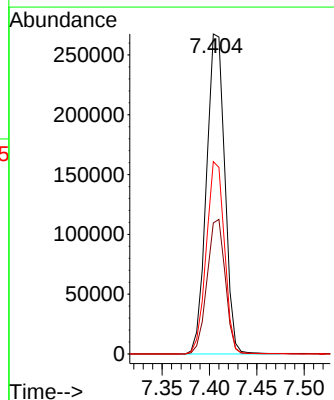
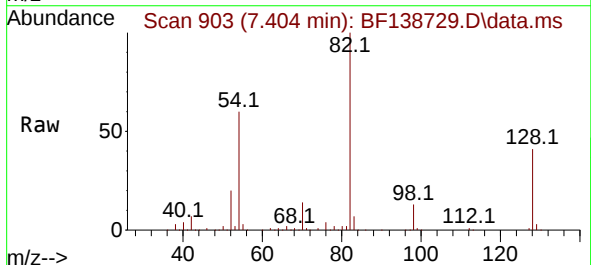
Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion:136 Resp: 281218
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.2 8.6 12.8
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 62.746 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Tgt Ion: 82 Resp: 360910
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 60.1 48.3 72.5

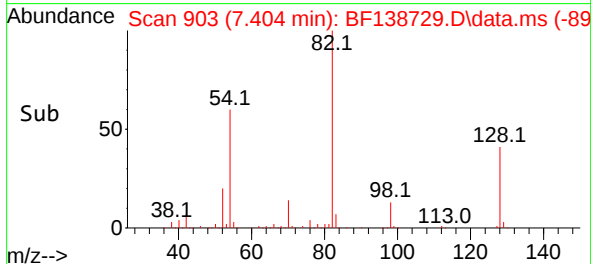
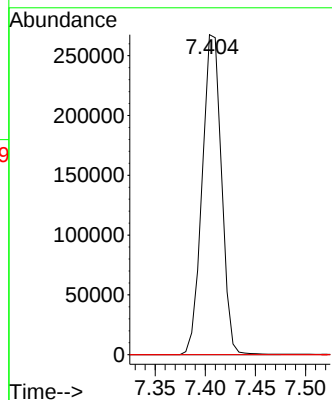
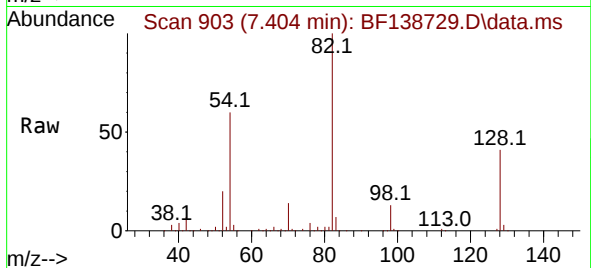




#25
Isophorone
Concen: 36.746 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

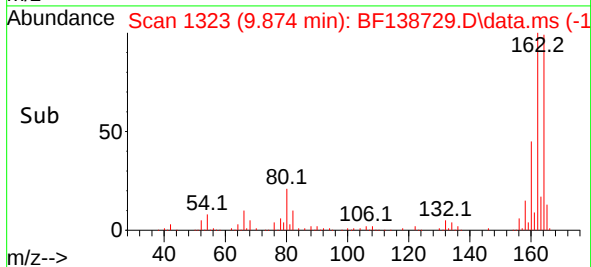
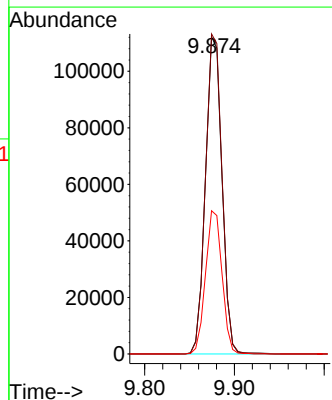
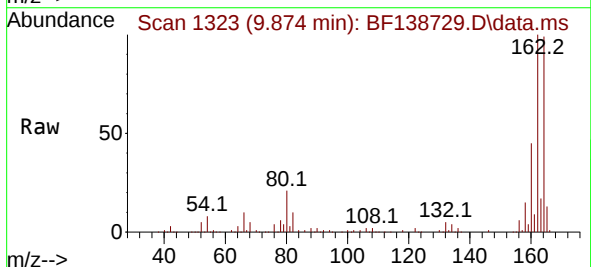
Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion: 82 Resp: 360906
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: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Tgt Ion:164 Resp: 143327
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 45.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 73.829 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138729.D

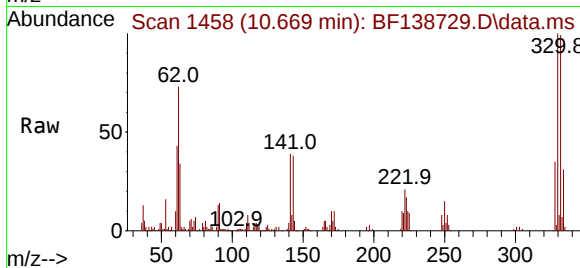
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Instrument :

BNA_F

ClientSampleId :

CONC-1



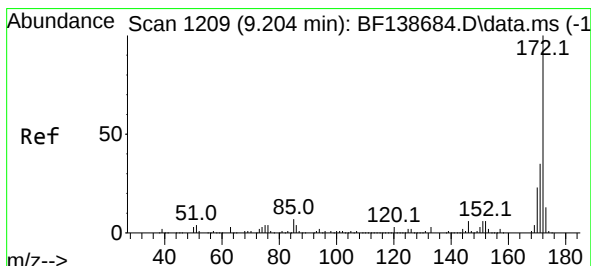
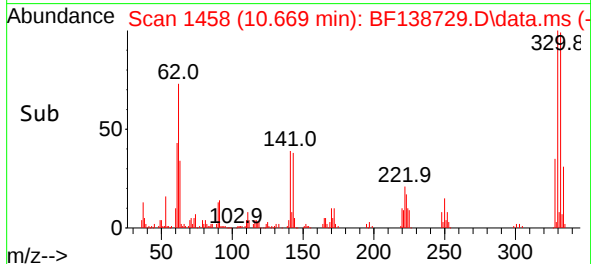
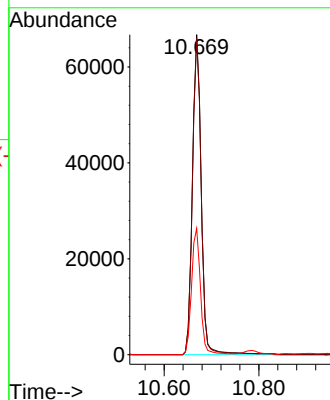
Tgt Ion:330 Resp: 86678

Ion Ratio Lower Upper

330 100

332 98.1 76.4 114.6

141 39.9 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 68.727 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138729.D

Acq: 01 Aug 2024 17:32

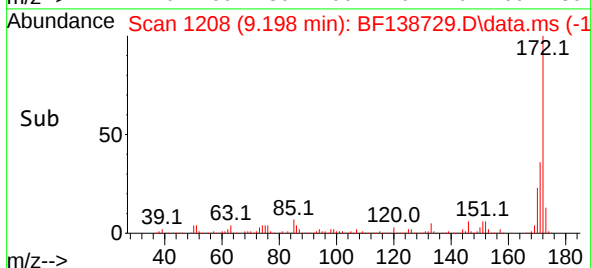
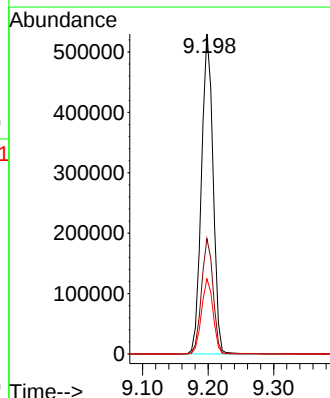
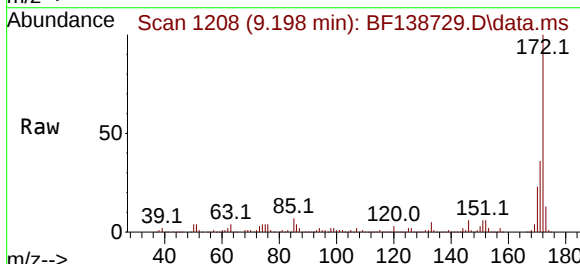
Tgt Ion:172 Resp: 655601

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.5 18.8 28.2

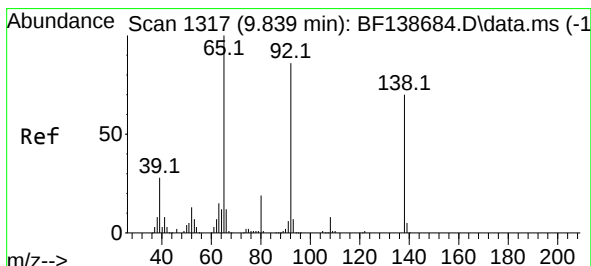
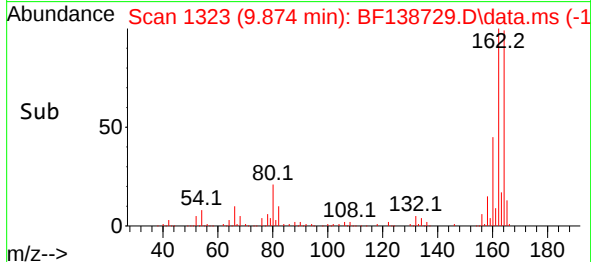
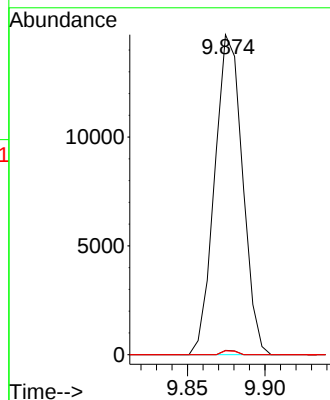
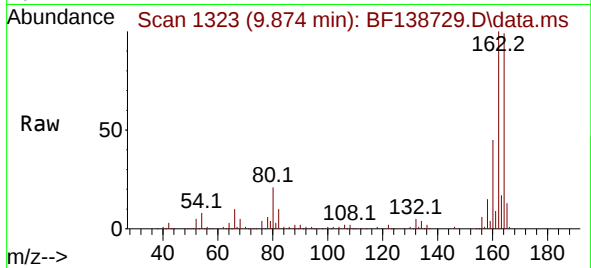




#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

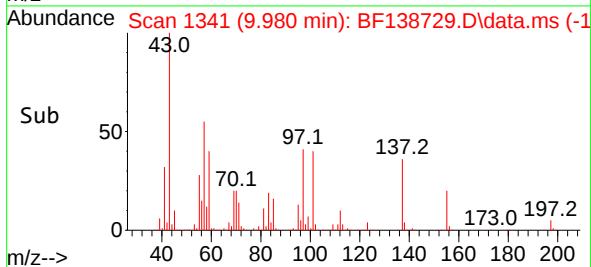
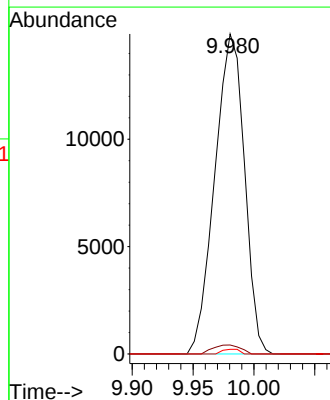
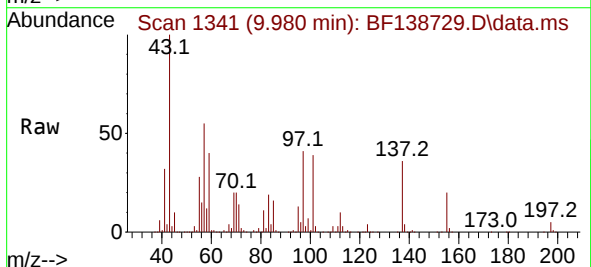
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CONC-1

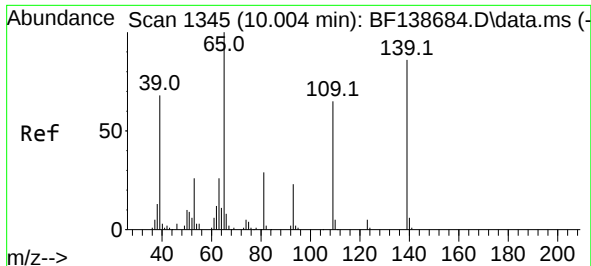
Tgt Ion:165 Resp: 18391
Ion Ratio Lower Upper
165 100
63 1.4 52.0 78.0#
89 1.2 47.0 70.6#



#53
3-Nitroaniline
Concen: 11.814 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.141 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Tgt Ion:138 Resp: 25260
Ion Ratio Lower Upper
138 100
108 2.8 9.1 13.7#
92 1.4 98.7 148.1#

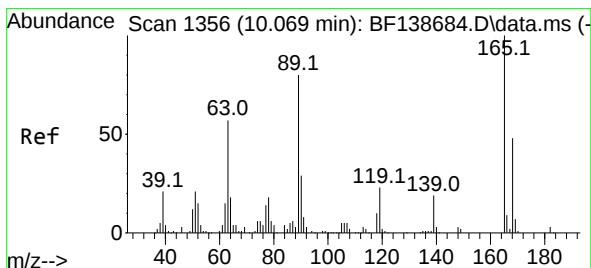
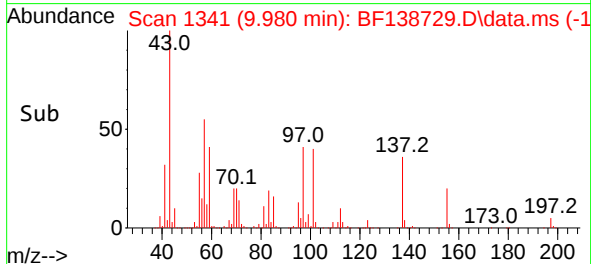
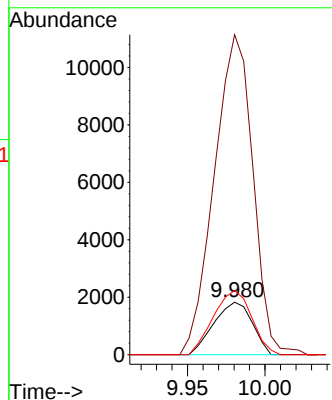
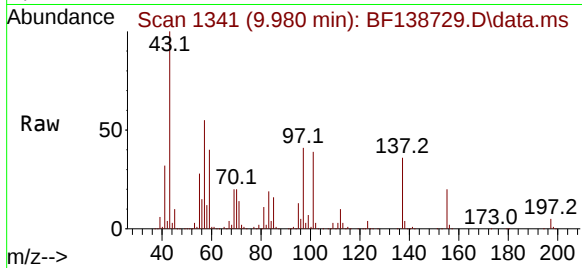




#56
4-Nitrophenol
Concen: 2.449 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

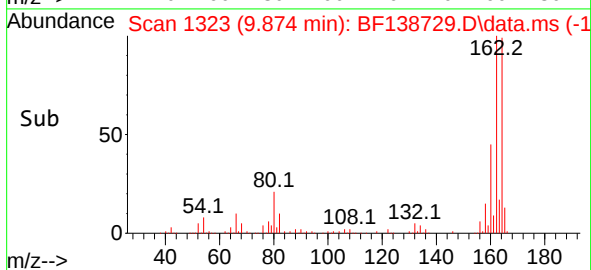
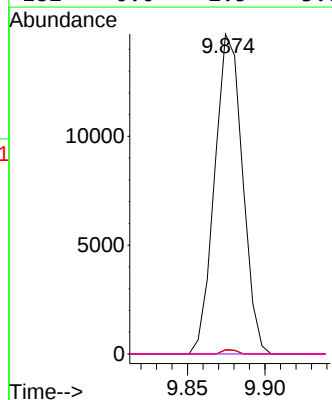
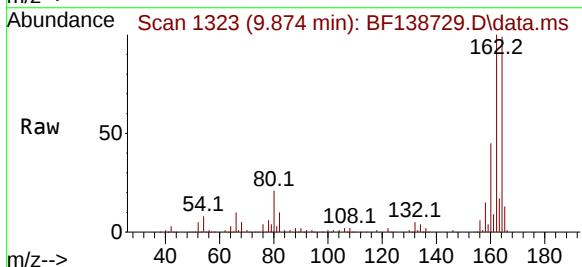
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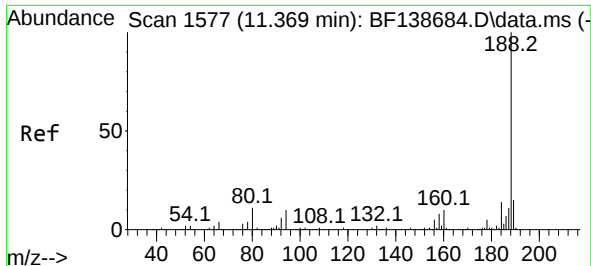
Tgt Ion:139 Resp: 3149
Ion Ratio Lower Upper
139 100
109 609.9 55.5 95.5#
65 122.3 96.7 136.7



#57
2,4-Dinitrotoluene
Concen: 6.970 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Tgt Ion:165 Resp: 18391
Ion Ratio Lower Upper
165 100
63 1.4 46.3 69.5#
89 1.2 64.2 96.4#
182 0.0 2.5 3.7#

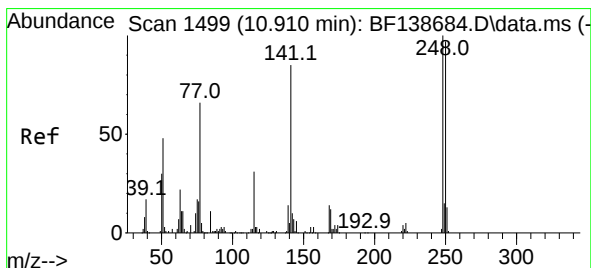
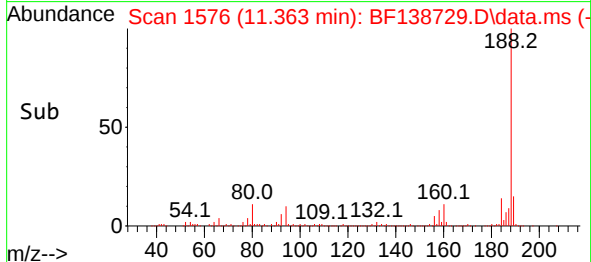
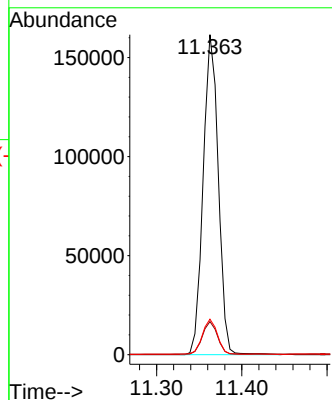
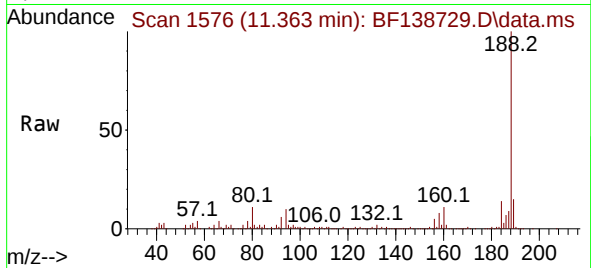




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

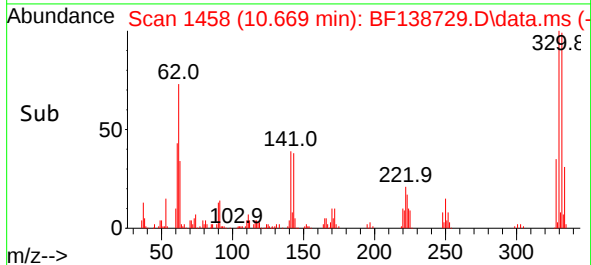
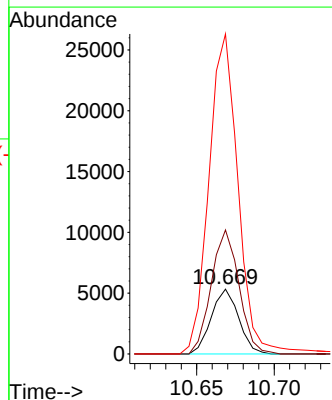
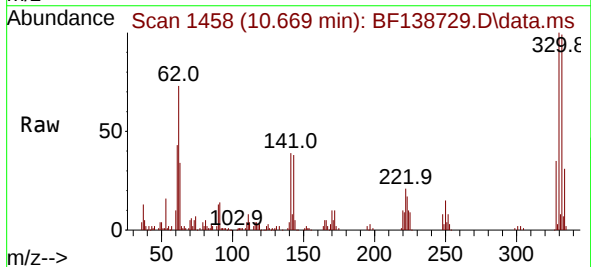
Instrument :
BNA_F
ClientSampleId :
CONC-1

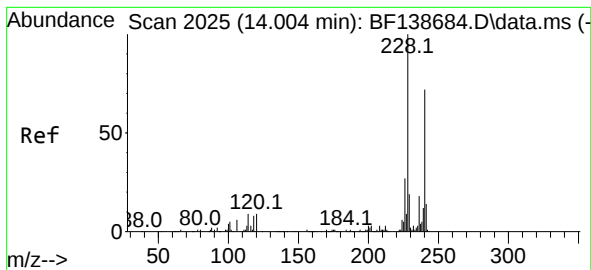
Tgt Ion:188 Resp: 199580
Ion Ratio Lower Upper
188 100
94 10.3 7.6 11.4
80 11.1 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.028 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Tgt Ion:248 Resp: 6542
Ion Ratio Lower Upper
248 100
250 191.3 77.7 116.5#
141 493.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138729.D

Acq: 01 Aug 2024 17:32

Instrument :

BNA_F

ClientSampleId :

CONC-1

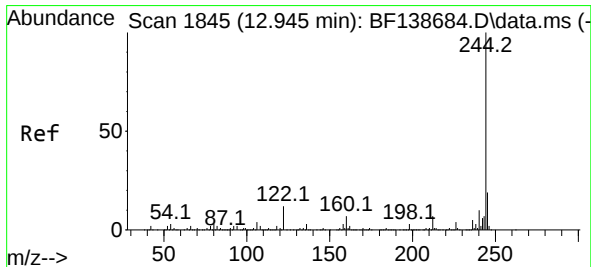
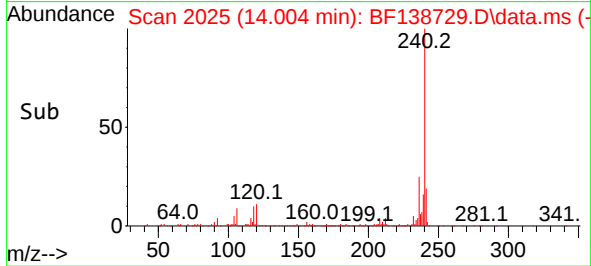
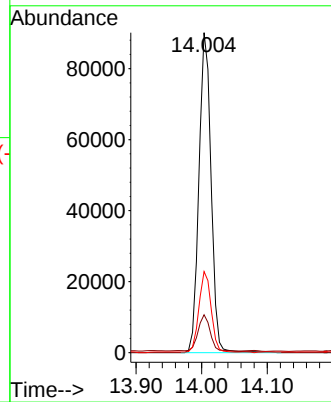
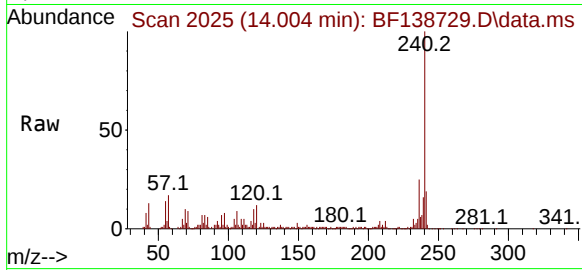
Tgt Ion:240 Resp: 115936

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 66.726 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138729.D

Acq: 01 Aug 2024 17:32

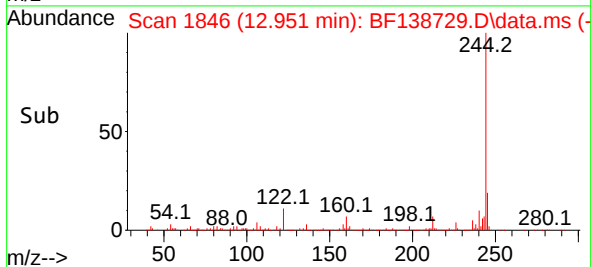
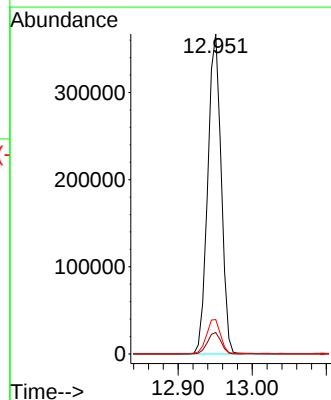
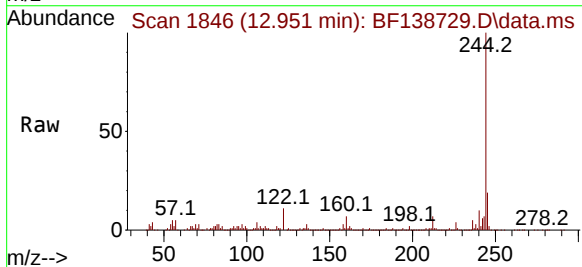
Tgt Ion:244 Resp: 462049

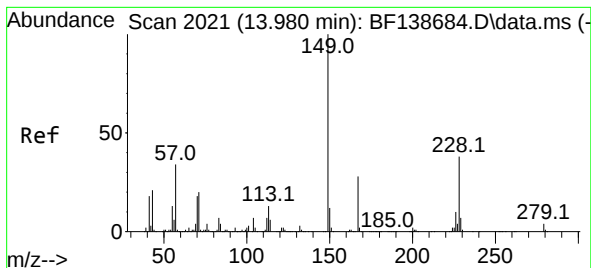
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.8 9.6 14.4

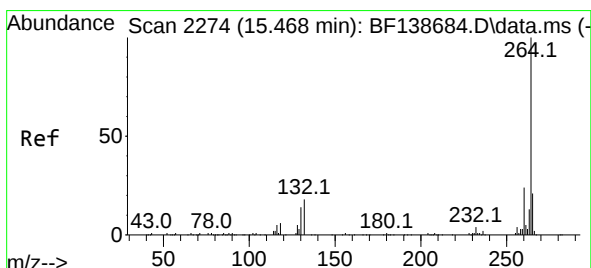
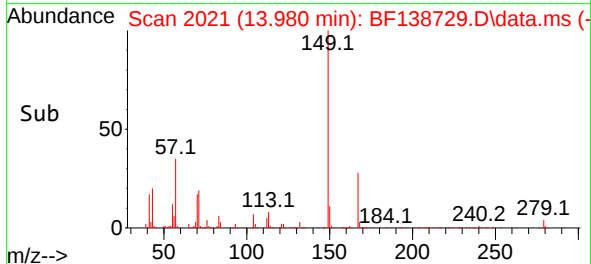
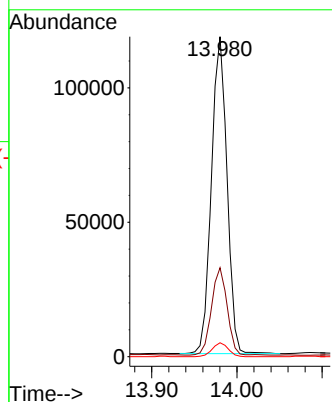
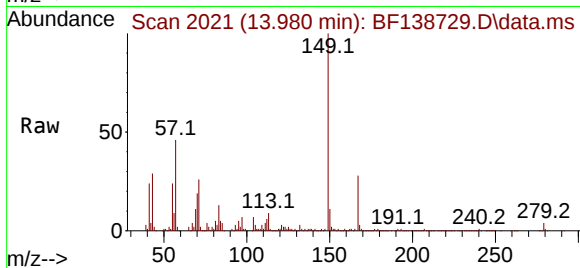




#84
Bis(2-ethylhexyl)phthalate
Concen: 29.302 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion:149 Resp: 149985
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.4
279 4.3 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138729.D
Acq: 01 Aug 2024 17:32

Tgt Ion:264 Resp: 136943
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 21.4 17.0 25.6

