

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124973.D
 Acq On : 7 Aug 2021 14:08
 Operator : JU/CG
 Sample : M3281-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP01

Quant Time: Aug 07 15:38:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

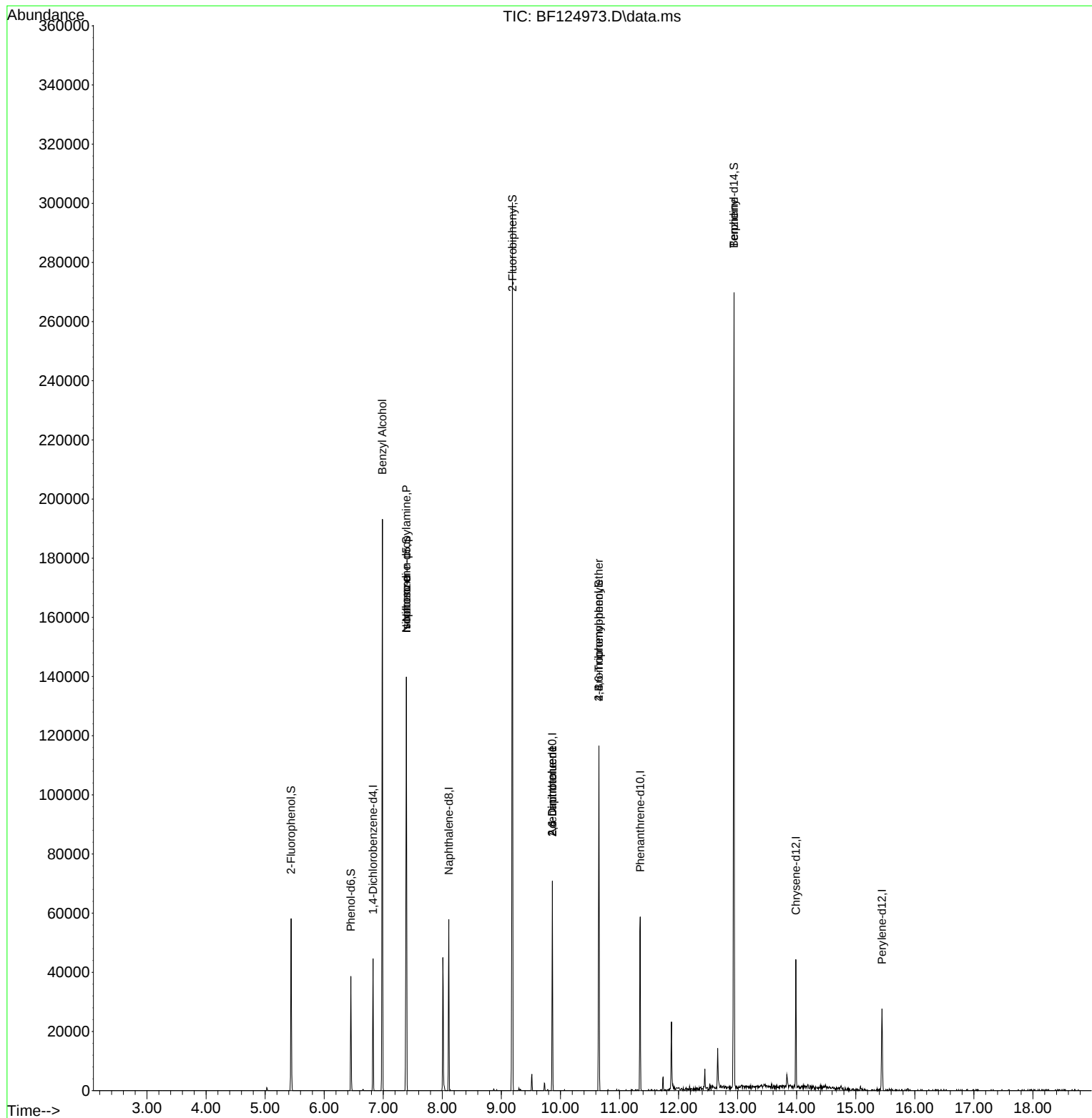
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5814	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	22322	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	12742	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	22630	20.000	ng	0.00
76) Chrysene-d12	13.986	240	14683	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	13402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	14125	39.798	ng	0.00
7) Phenol-d6	6.451	99	11010	24.602	ng	-0.01
23) Nitrobenzene-d5	7.392	82	41475	97.199	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	10866	95.452	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	84580	97.128	ng	0.00
79) Terphenyl-d14	12.939	244	92406	106.158	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.987	79	719	2.227	ng	# 56
19) n-Nitroso-di-n-propyla...	7.392	70	5428	20.441	ng	# 65
25) Isophorone	7.392	82	41473	56.947	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	1622	8.436	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	1622	6.213	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	727	2.933	ng	# 1
77) Benzidine	12.939	184	1169	2.976	ng	# 69

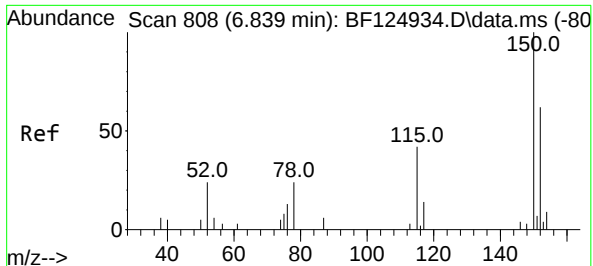
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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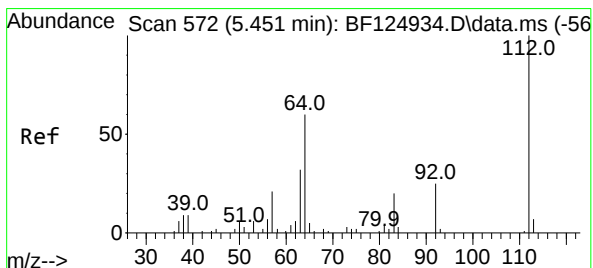
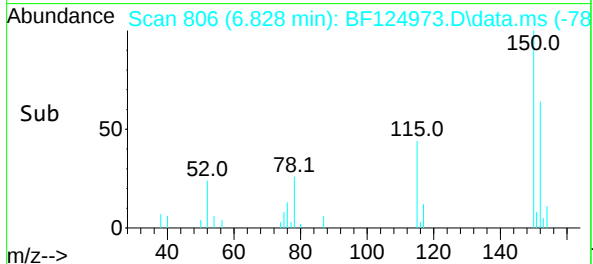
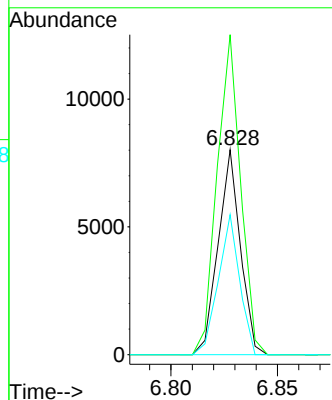
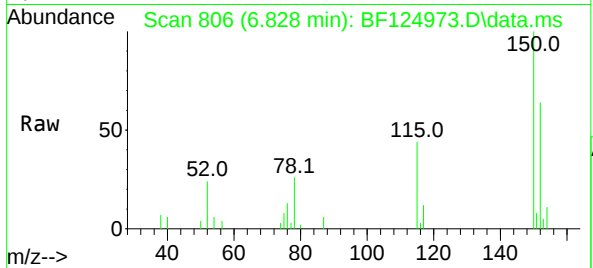




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

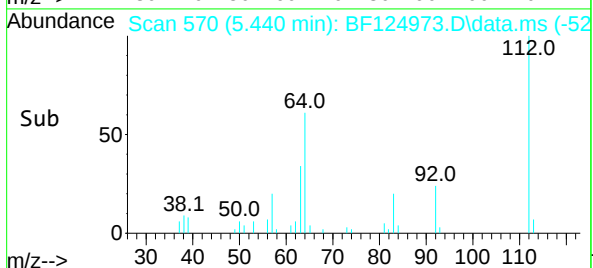
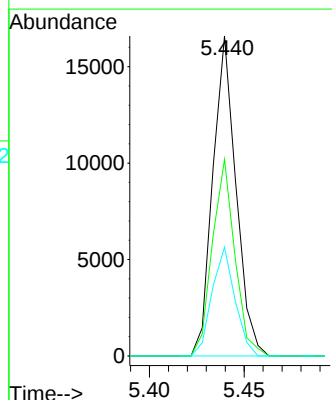
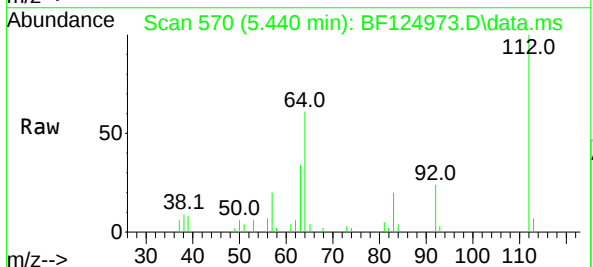
Instrument :
BNA_F
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TWP01

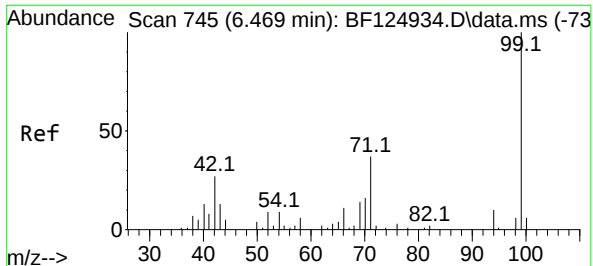
Tgt Ion:152 Resp: 5814
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 68.3 47.1 70.7



#5
2-Fluorophenol
Concen: 39.798 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

Tgt Ion:112 Resp: 14125
Ion Ratio Lower Upper
112 100
64 61.4 44.2 66.2
63 34.0 26.2 39.2

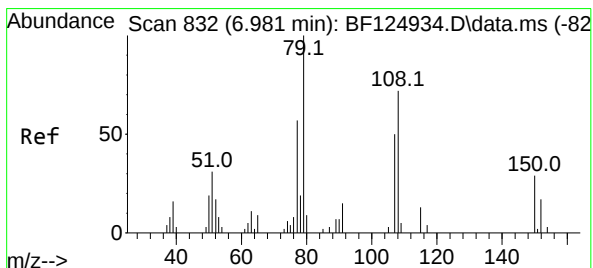
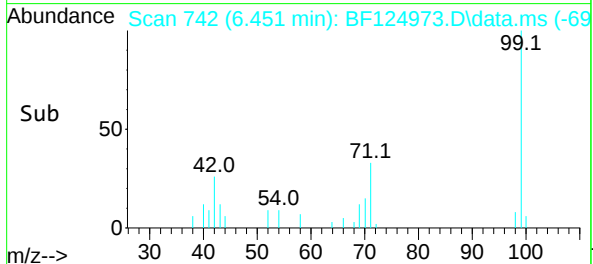
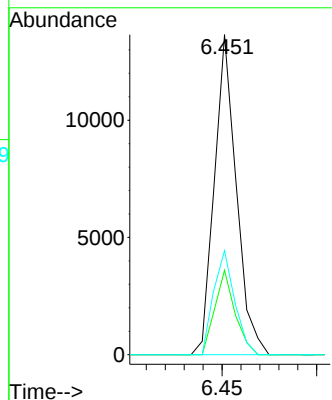
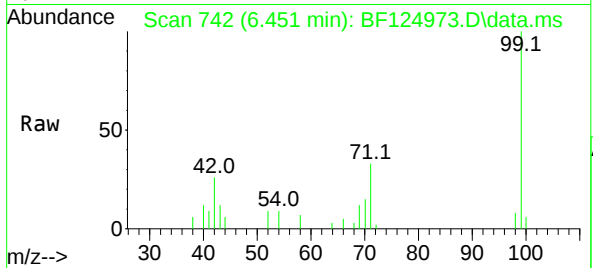




#7
Phenol-d6
Concen: 24.602 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

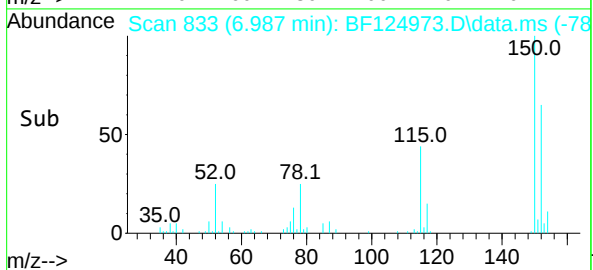
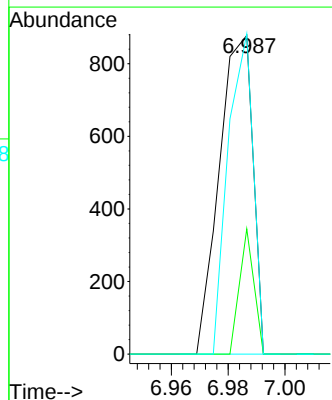
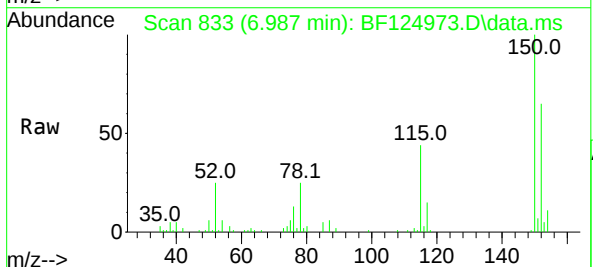
Instrument :
BNA_F
ClientSampleId :
TWP01

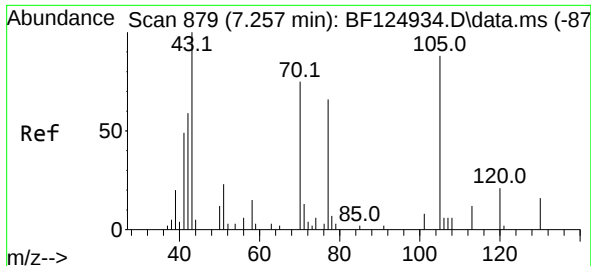
Tgt Ion: 99 Resp: 11010
Ion Ratio Lower Upper
99 100
42 26.4 23.5 35.3
71 32.5 25.6 38.4



#15
Benzyl Alcohol
Concen: 2.227 ng
RT: 6.987 min Scan# 833
Delta R.T. 0.012 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

Tgt Ion: 79 Resp: 719
Ion Ratio Lower Upper
79 100
108 39.3 60.4 90.6#
77 100.5 51.5 77.3#

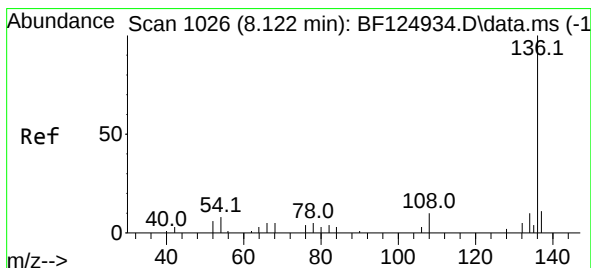
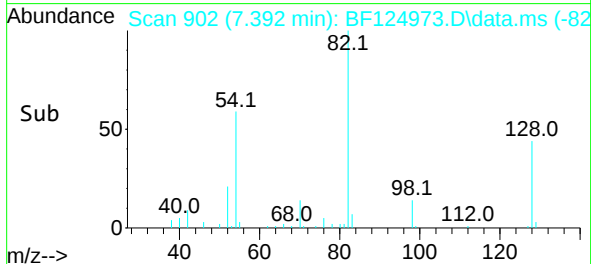
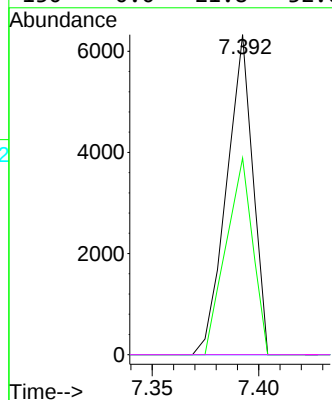
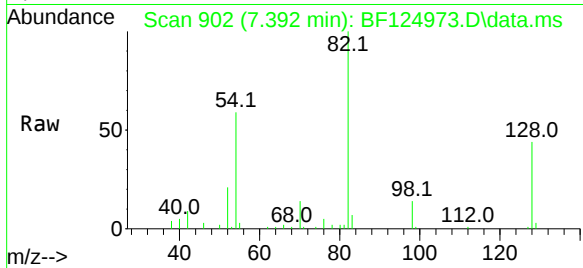




#19
n-Nitroso-di-n-propylamine
Concen: 20.441 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

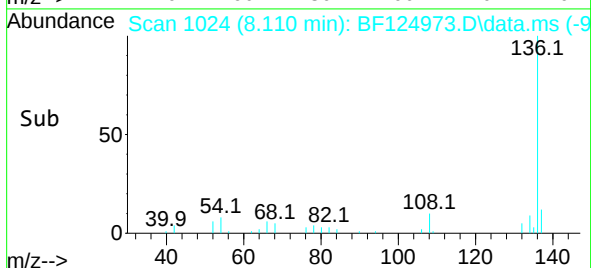
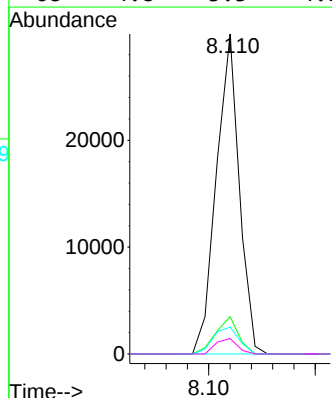
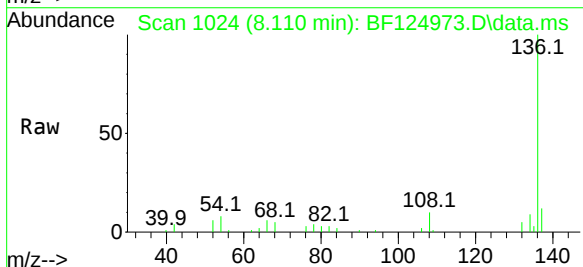
Instrument :
BNA_F
ClientSampleId :
TWP01

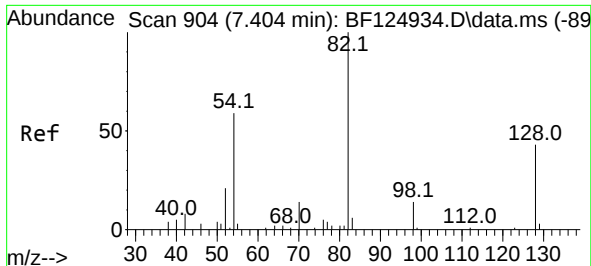
Tgt Ion: 70 Resp: 5428
Ion Ratio Lower Upper
70 100
42 61.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

Tgt Ion: 136 Resp: 22322
Ion Ratio Lower Upper
136 100
137 11.6 9.8 14.6
54 8.4 6.4 9.6
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 97.199 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124973.D

Acq: 7 Aug 2021 14:08

Tgt Ion: 82 Resp: 41475

Ion Ratio Lower Upper

82 100

128 43.9 40.6 60.8

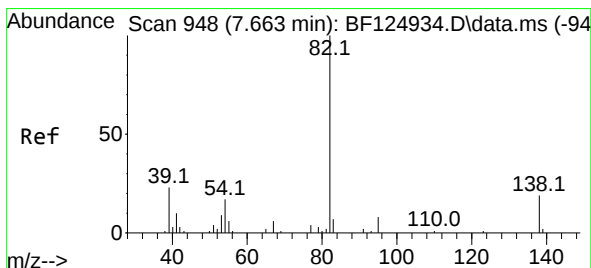
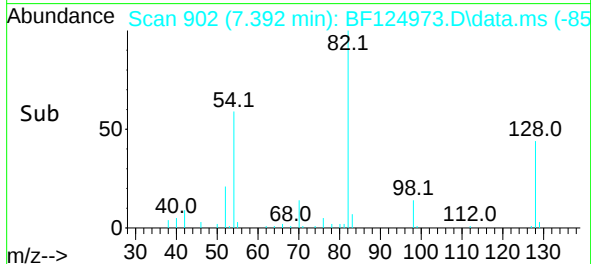
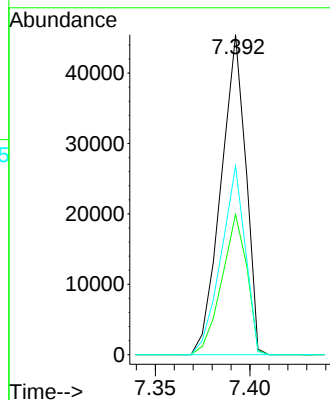
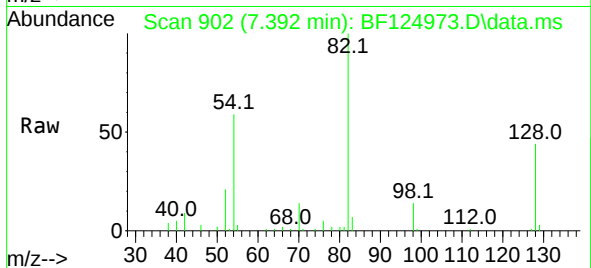
54 59.0 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

TWP01



#25

Isophorone

Concen: 56.947 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF124973.D

Acq: 7 Aug 2021 14:08

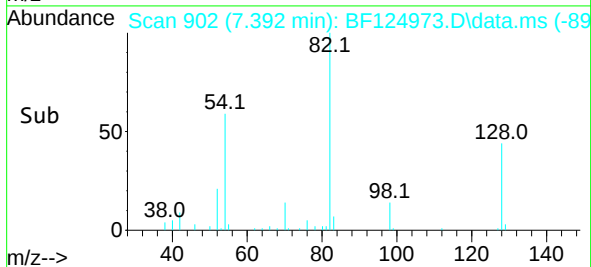
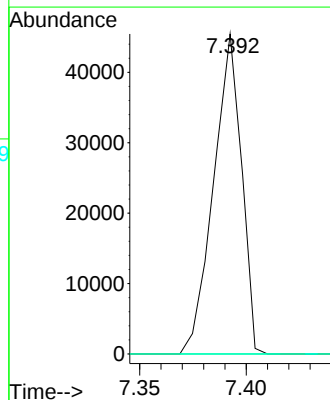
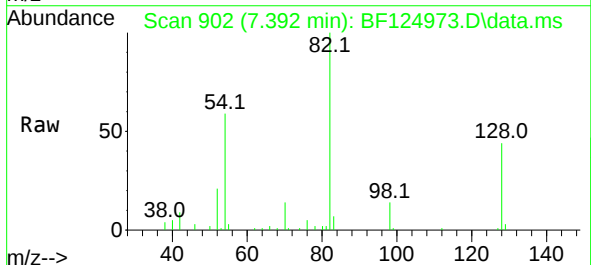
Tgt Ion: 82 Resp: 41473

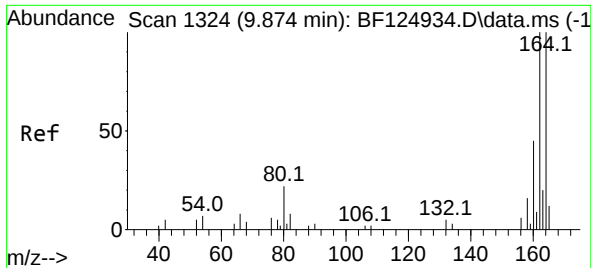
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

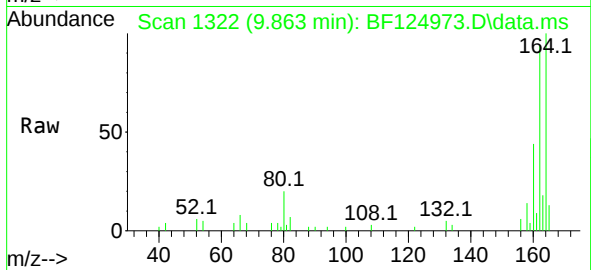
138 0.0 18.4 27.6#



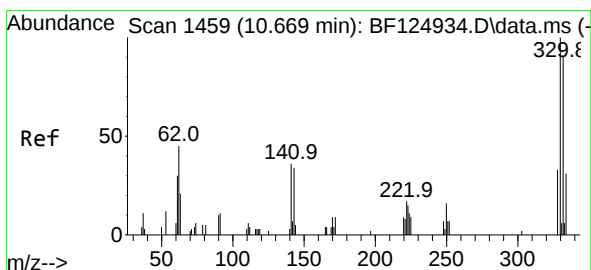
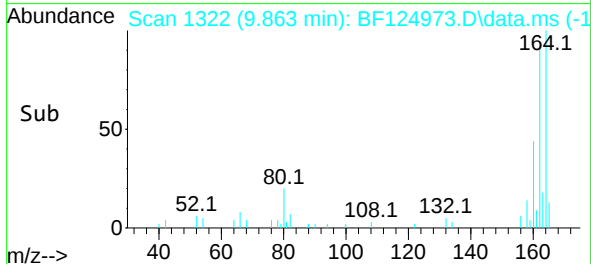
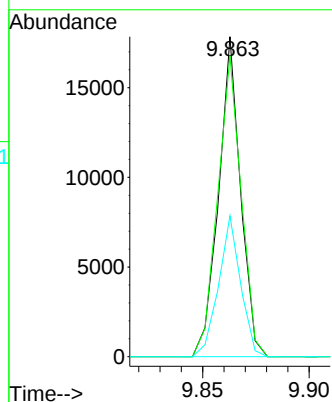


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

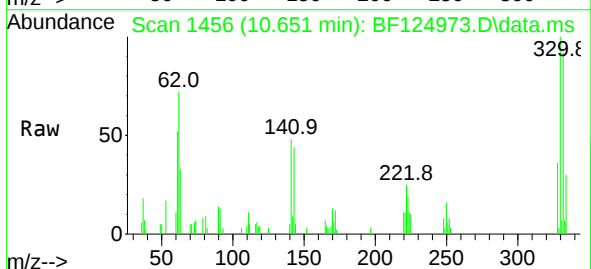
Instrument :
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TWP01



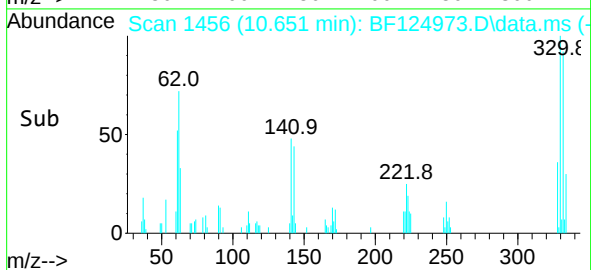
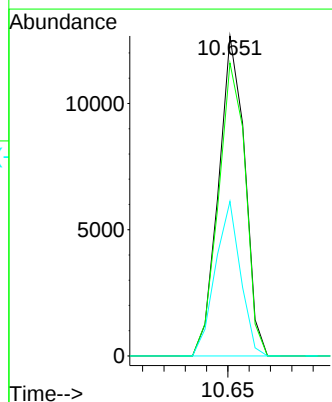
Tgt Ion:164 Resp: 12742
Ion Ratio Lower Upper
164 100
162 94.1 81.3 121.9
160 44.0 38.0 57.0

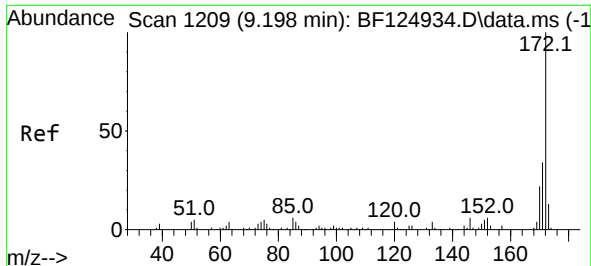


#42
2,4,6-Tribromophenol
Concen: 95.452 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08



Tgt Ion:330 Resp: 10866
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 46.2 44.6 66.8

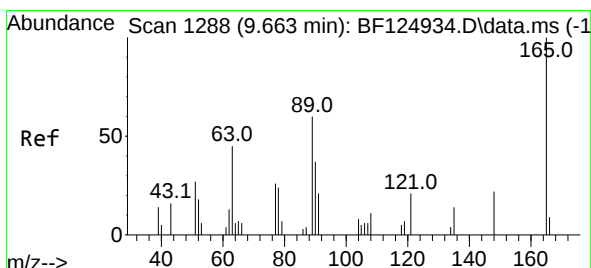
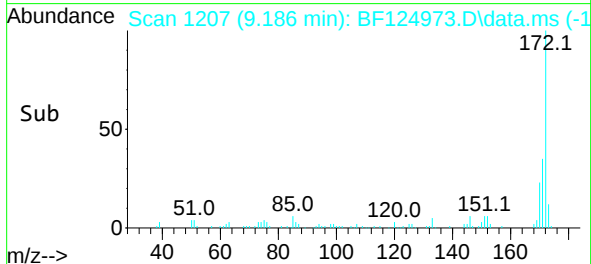
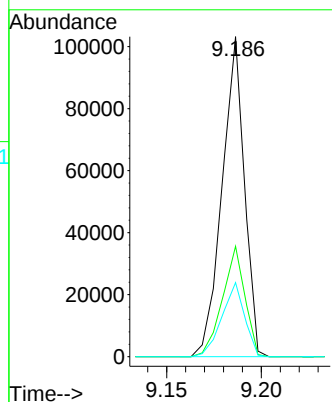
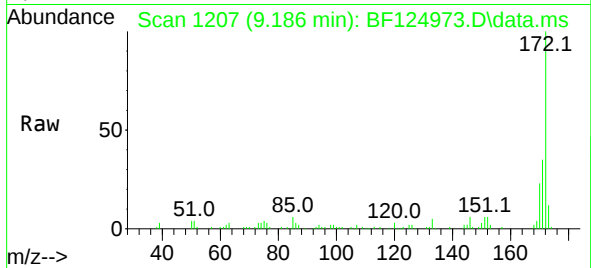




#45
2-Fluorobiphenyl
Concen: 97.128 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

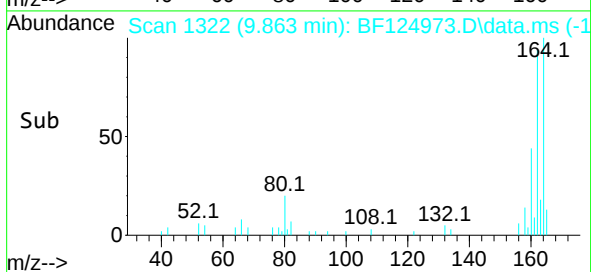
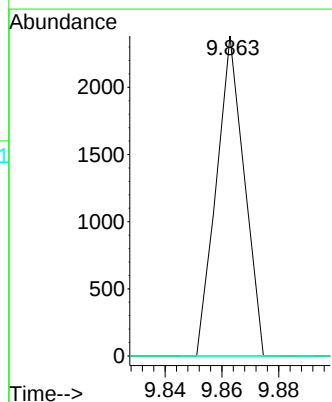
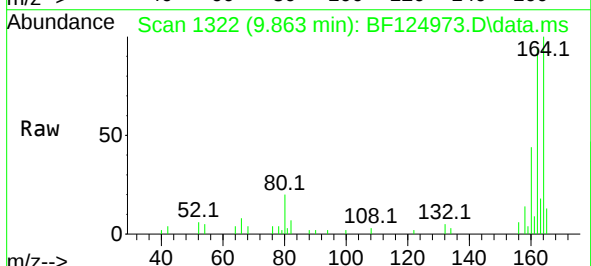
Instrument :
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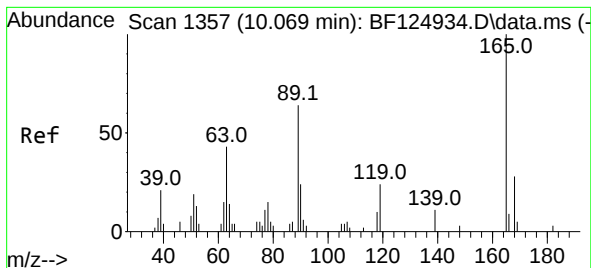
Tgt Ion:172 Resp: 84580
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

Tgt Ion:165 Resp: 1622
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

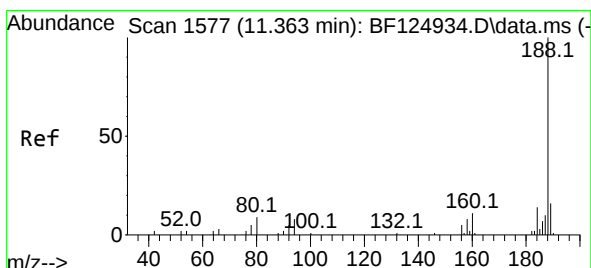
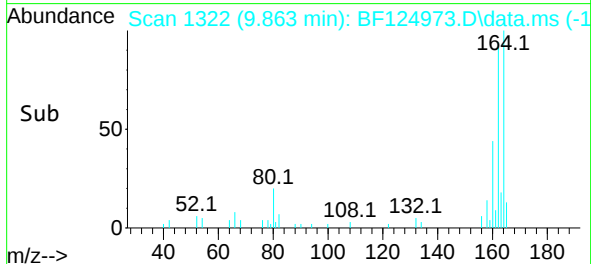
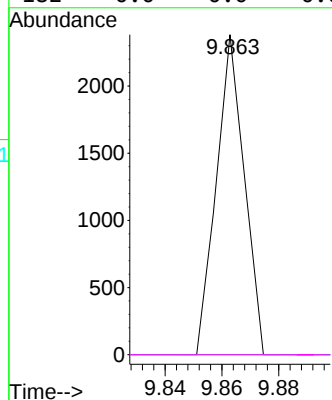
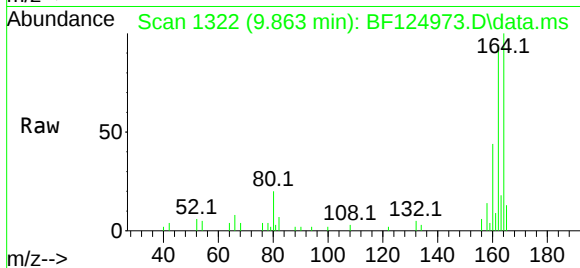




#57
2,4-Dinitrotoluene
Concen: 6.213 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

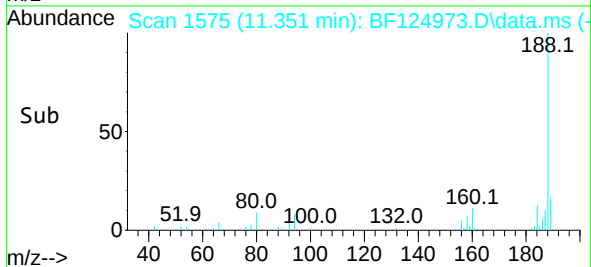
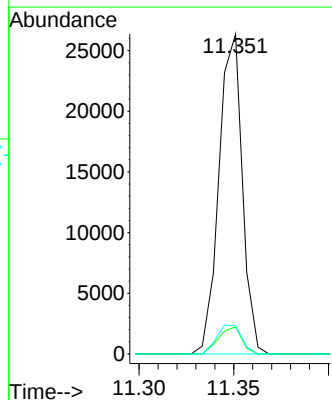
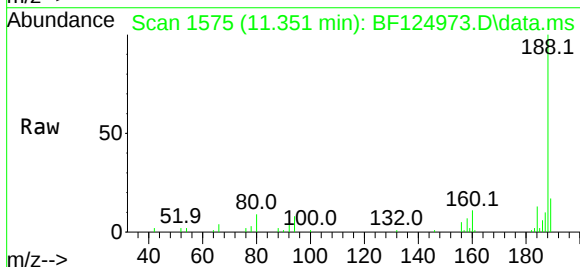
Instrument :
BNA_F
ClientSampleId :
TWP01

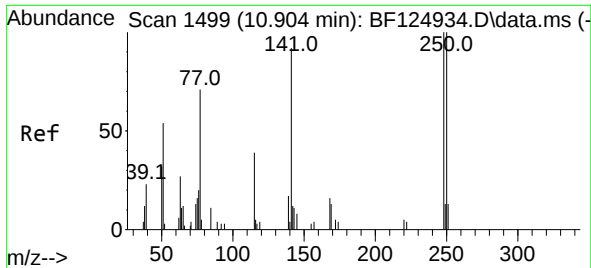
Tgt Ion:165	Resp:	1622
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

Tgt Ion:188	Resp:	22630
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.7 10.1
80	8.8	7.5 11.3

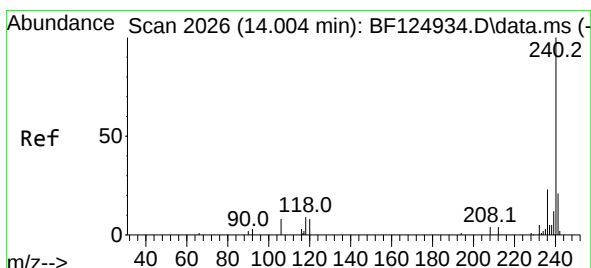
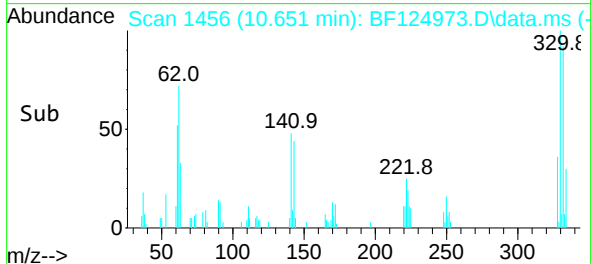
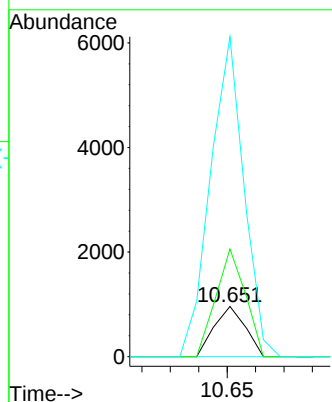
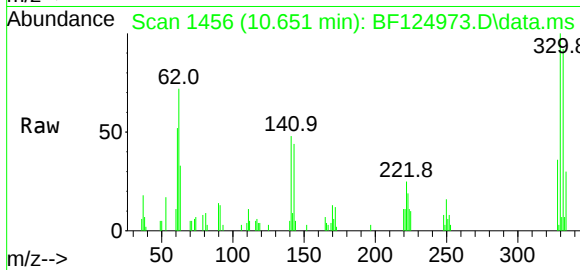




#67
4-Bromophenyl-phenylether
Concen: 2.933 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

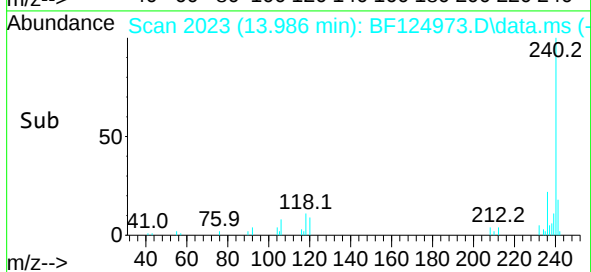
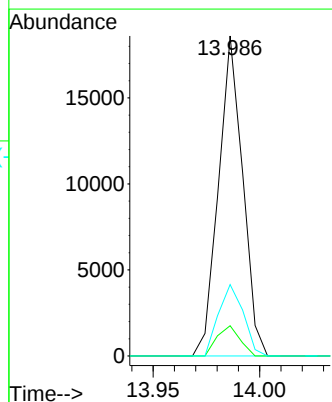
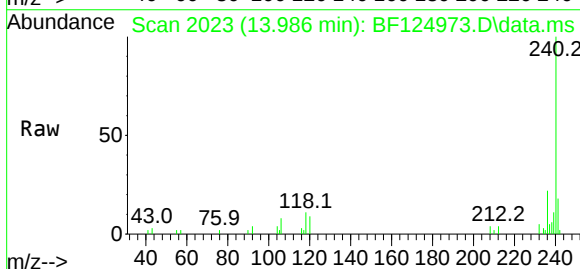
Instrument :
BNA_F
ClientSampleId :
TWP01

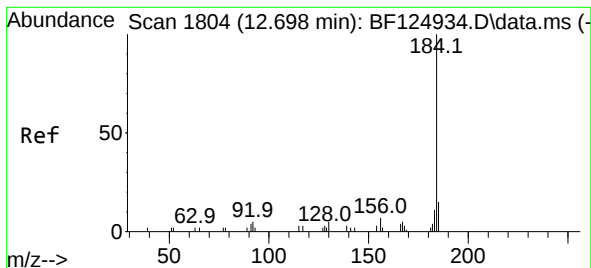
Tgt Ion:248 Resp: 727
Ion Ratio Lower Upper
248 100
250 214.4 74.2 111.4#
141 637.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124973.D
Acq: 7 Aug 2021 14:08

Tgt Ion:240 Resp: 14683
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 22.3 21.6 32.4





#77

Benzidine

Concen: 2.976 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.253 min

Lab File: BF124973.D

Acq: 7 Aug 2021 14:08

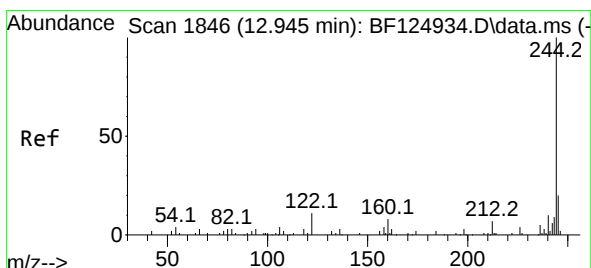
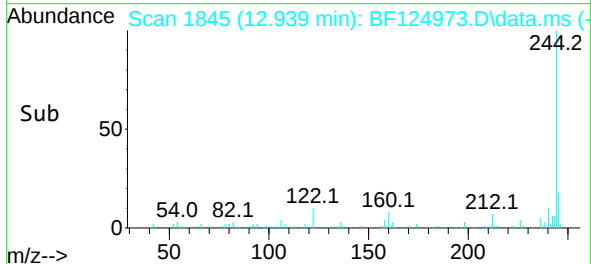
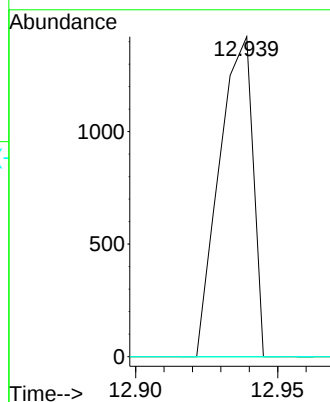
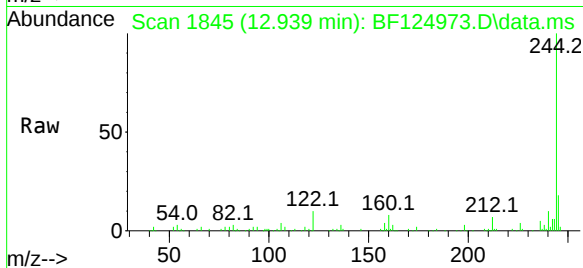
Instrument :

BNA_F

ClientSampleId :

TWP01

Tgt Ion:184 Resp: 1169
 Ion Ratio Lower Upper
 184 100
 185 0.0 10.8 16.2#
 183 0.0 8.1 12.1#



#79

Terphenyl-d14

Concen: 106.158 ng

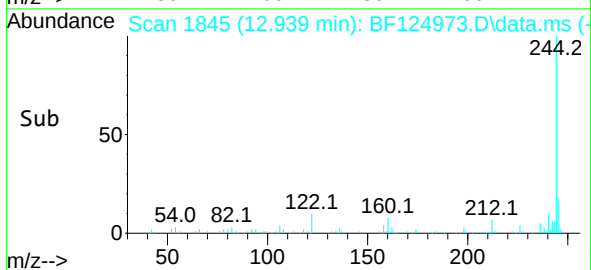
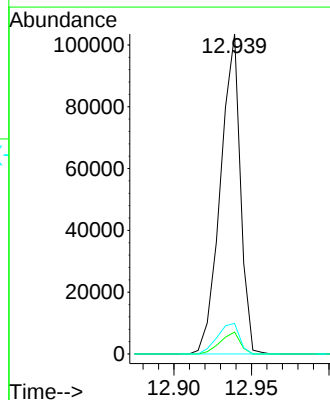
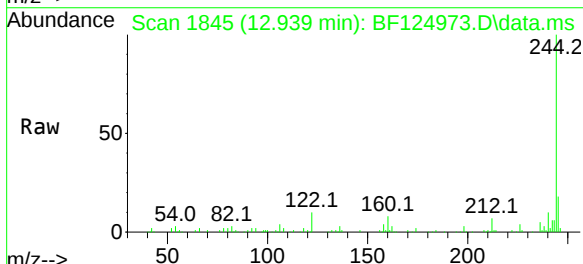
RT: 12.939 min Scan# 1845

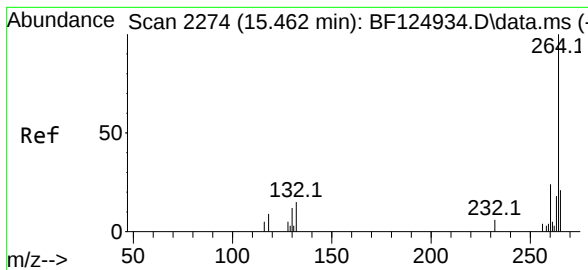
Delta R.T. 0.000 min

Lab File: BF124973.D

Acq: 7 Aug 2021 14:08

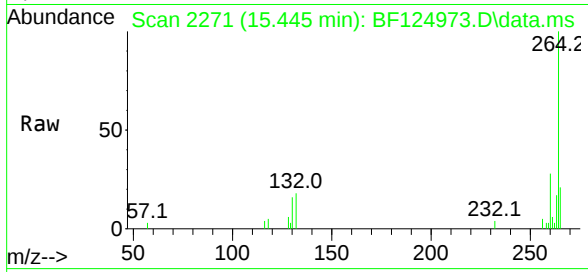
Tgt Ion:244 Resp: 92406
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF124973.D
 Acq: 7 Aug 2021 14:08

Instrument :
 BNA_F
 ClientSampleId :
 TWP01



Tgt Ion:264	Resp:	13402
Ion Ratio	Lower	Upper
264	100	
260	27.7	19.6 29.4
265	20.6	17.2 25.8

