

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141020.D
 Acq On : 30 Dec 2024 09:50
 Operator : RC/JU
 Sample : PB165790BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165894BL

Quant Time: Dec 30 10:24:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

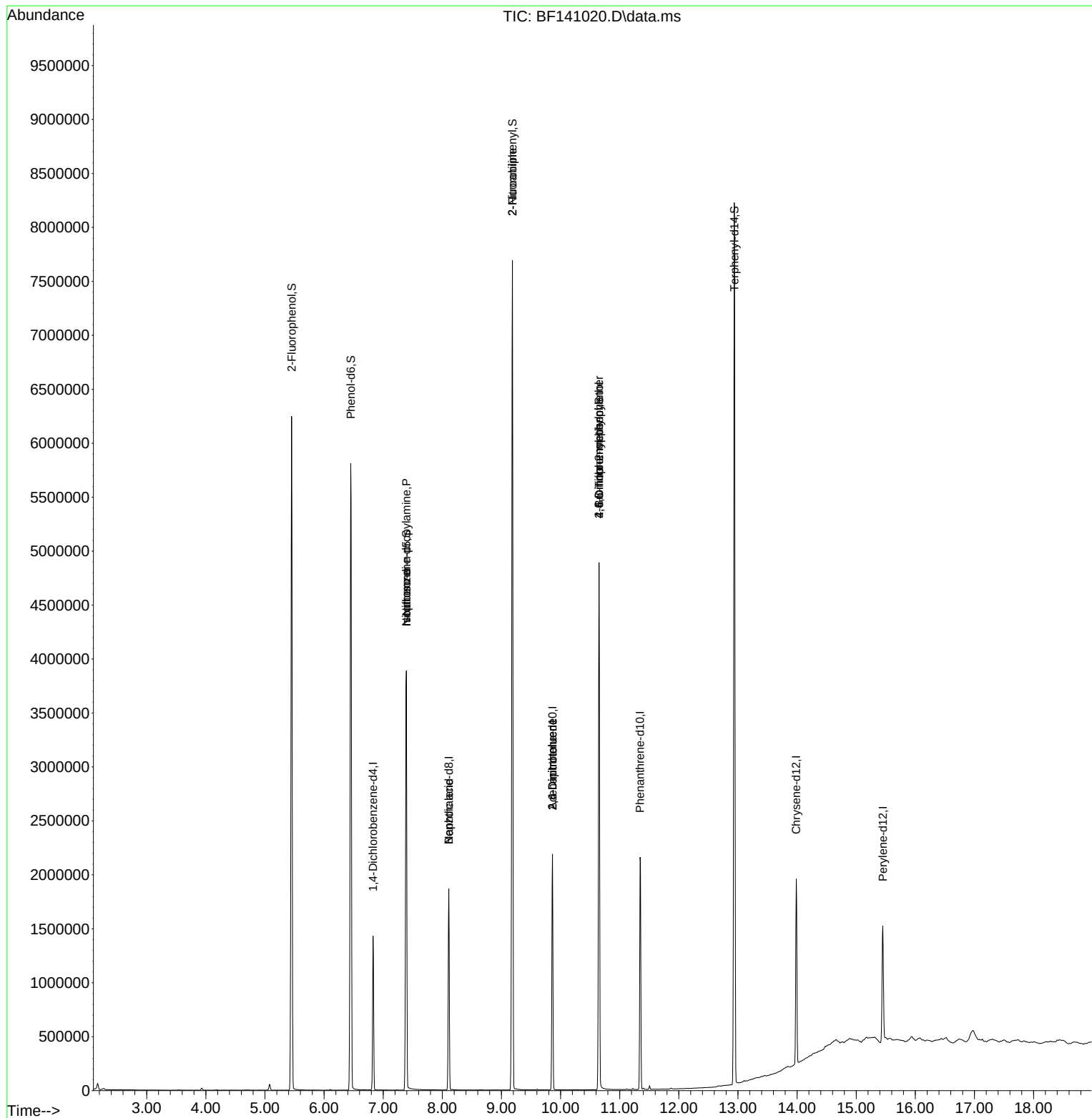
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	294590	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1177092	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	636803	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1094330	20.000	ng	0.00
76) Chrysene-d12	13.986	240	805864	20.000	ng	0.00
86) Perylene-d12	15.451	264	643549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2488568	127.337	ng	0.02
7) Phenol-d6	6.451	99	3115295	123.741	ng	0.00
23) Nitrobenzene-d5	7.392	82	1884047	102.403	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	896386	144.862	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3546688	88.736	ng	0.00
79) Terphenyl-d14	12.939	244	4155845	85.658	ng	0.00
Target Compounds						
9) Benzaldehyde	6.381	77	403	Below Cal		Qvalue 90
19) n-Nitroso-di-n-propyla...	7.392	70	255376	16.558	ng	# 80
25) Isophorone	7.392	82	1864564	46.572	ng	# 65
32) Benzoic acid	8.110	122	228	7.708	ng	# 1
48) 2-Nitroaniline	9.186	65	6043	5.196	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	83648	12.701	ng	# 23
57) 2,4-Dinitrotoluene	9.863	165	83648	11.752	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.651	198	2007	9.714	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	55518	4.693	ng	# 1

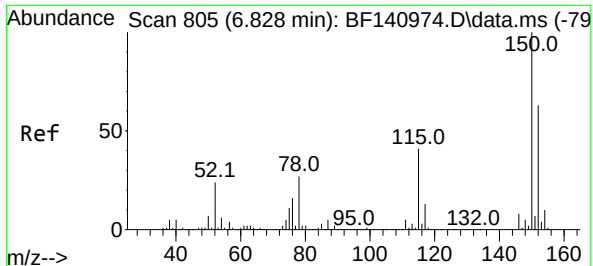
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141020.D
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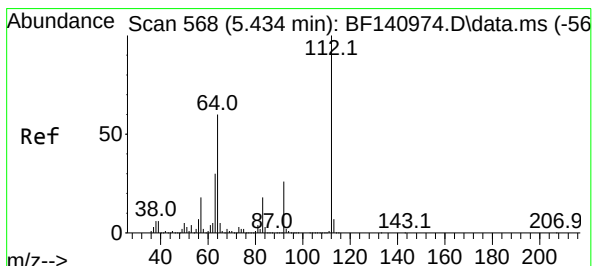
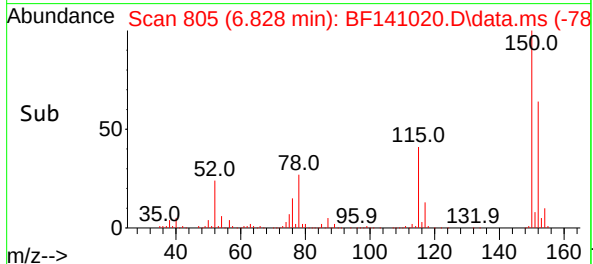
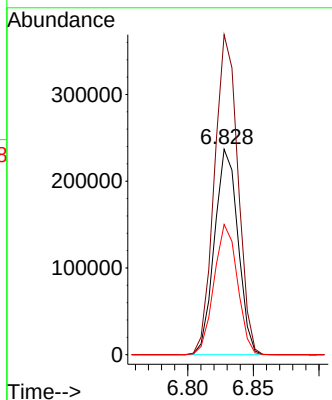
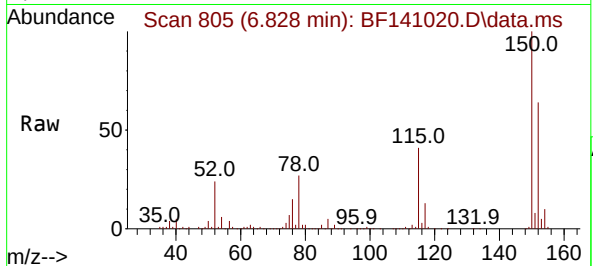




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141020.D
 Acq: 30 Dec 2024 09:50

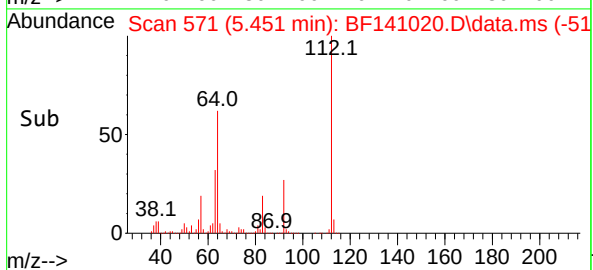
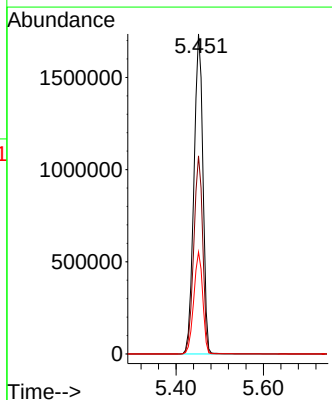
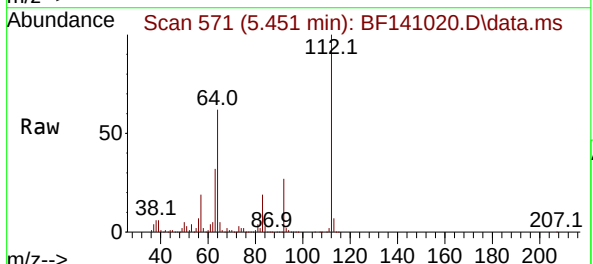
Instrument :
 BNA_F
 ClientSampleId :
 PB165894BL

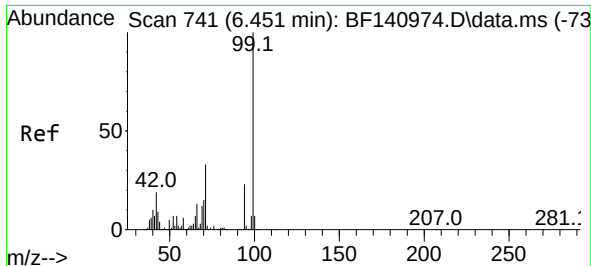
Tgt Ion:152 Resp: 294590
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.0 190.6
 115 63.4 51.7 77.5



#5
 2-Fluorophenol
 Concen: 127.337 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF141020.D
 Acq: 30 Dec 2024 09:50

Tgt Ion:112 Resp: 2488568
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.7 71.5
 63 31.8 24.2 36.2



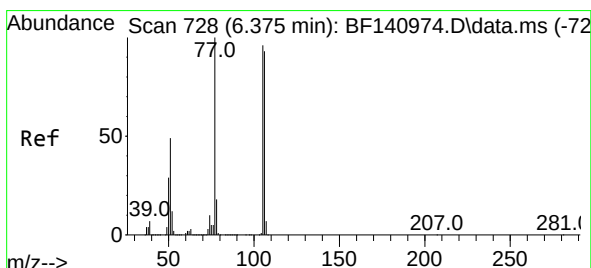
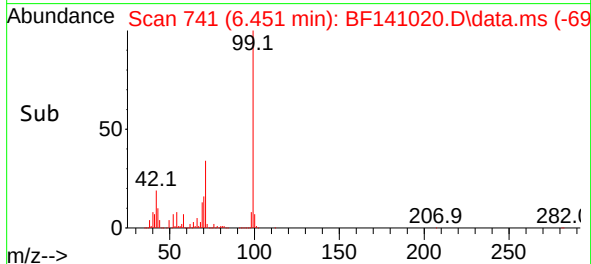
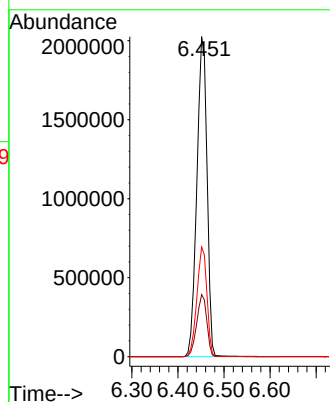
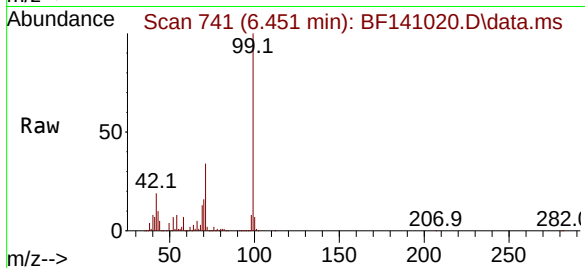


#7
Phenol-d6
Concen: 123.741 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Instrument :
BNA_F
ClientSampleId :
PB165894BL

Tgt Ion: 99 Resp: 3115295

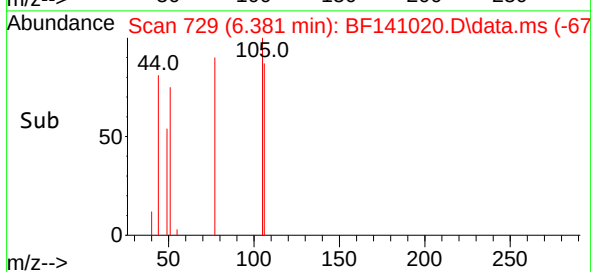
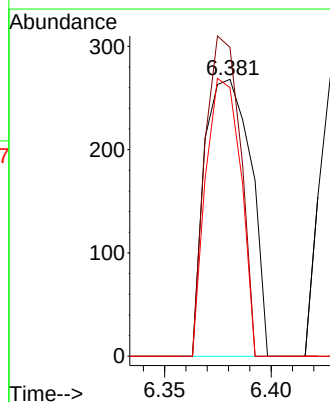
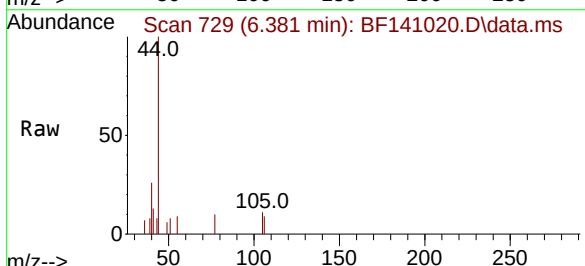
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	34.3	26.2	39.2

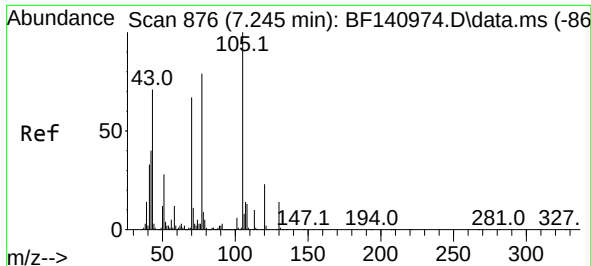


#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion: 77 Resp: 403

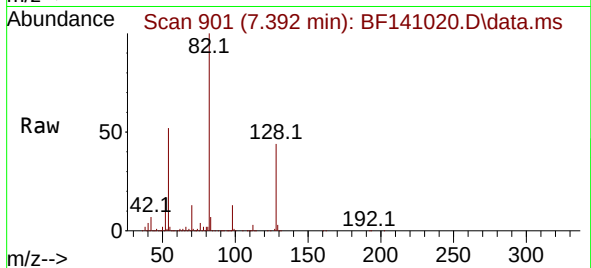
Ion	Ratio	Lower	Upper
77	100		
105	111.6	76.2	116.2
106	97.0	73.4	113.4



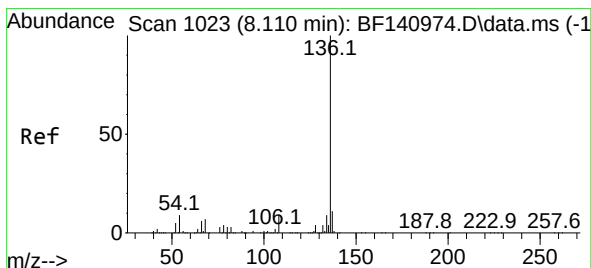
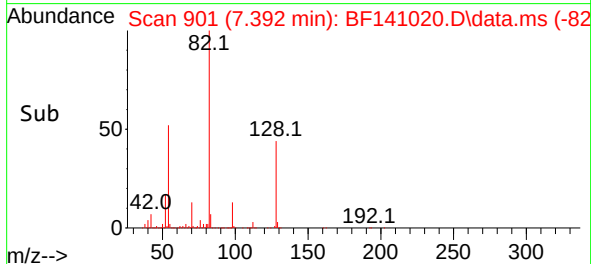
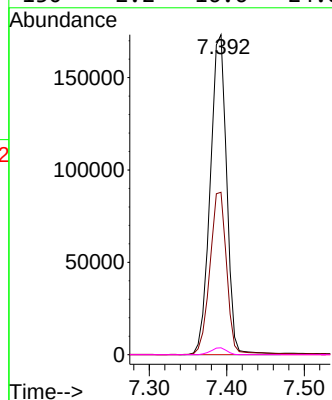


#19
n-Nitroso-di-n-propylamine
Concen: 16.558 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Instrument :
BNA_F
ClientSampleId :
PB165894BL

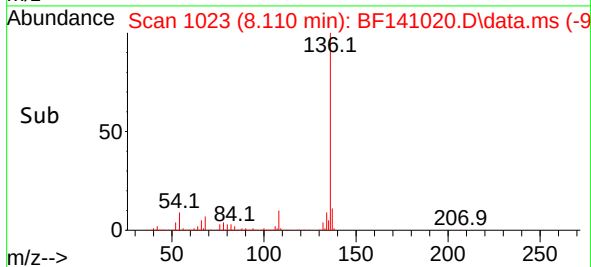
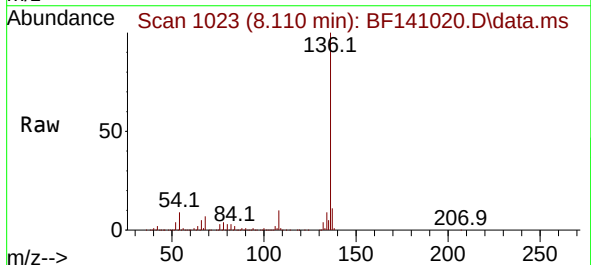
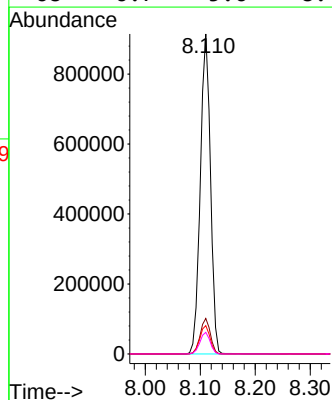


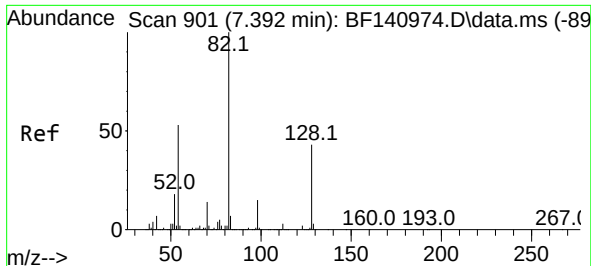
Tgt Ion: 70 Resp: 255376
Ion Ratio Lower Upper
70 100
42 50.8 48.1 72.1
101 0.0 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion: 136 Resp: 1177092
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.8 7.6 11.4
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 102.403 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

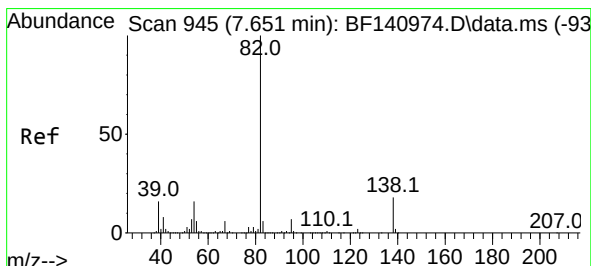
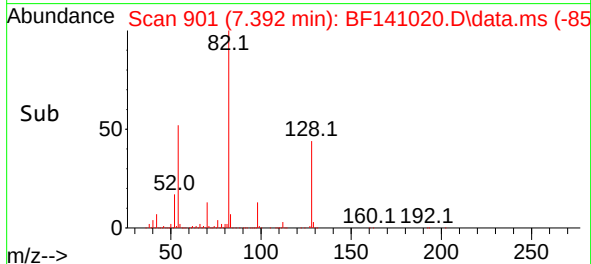
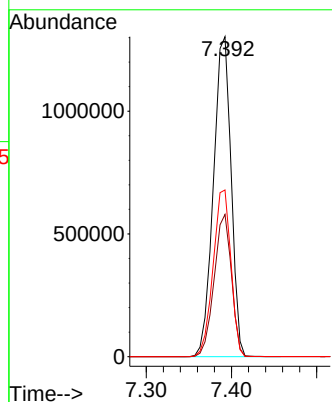
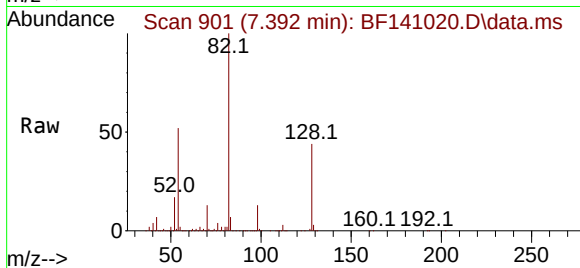
BNA_F

ClientSampleId :

PB165894BL

Tgt Ion: 82 Resp: 1884047

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.4	51.6
54	52.1	42.4	63.6



#25

Isophorone

Concen: 46.572 ng

RT: 7.392 min Scan# 901

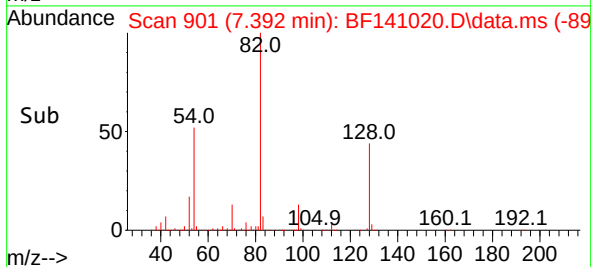
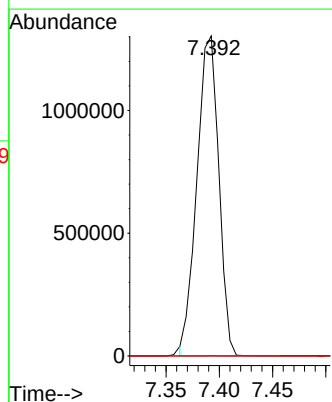
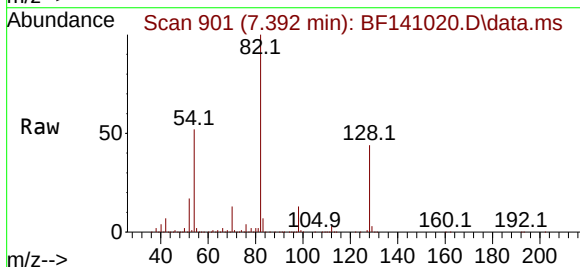
Delta R.T. -0.259 min

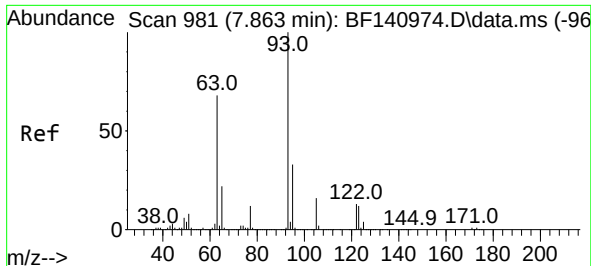
Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Tgt Ion: 82 Resp: 1864564

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	21.8#

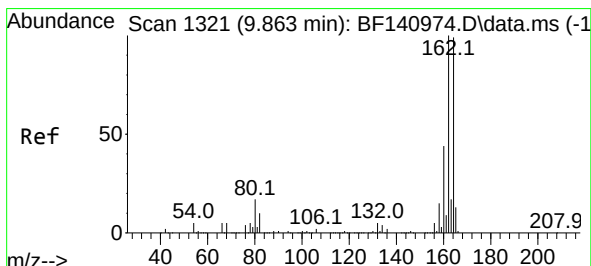
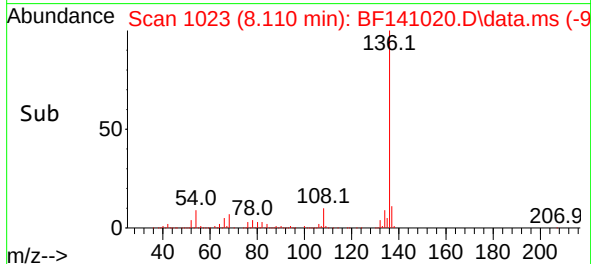
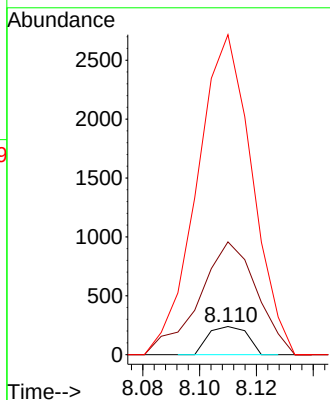
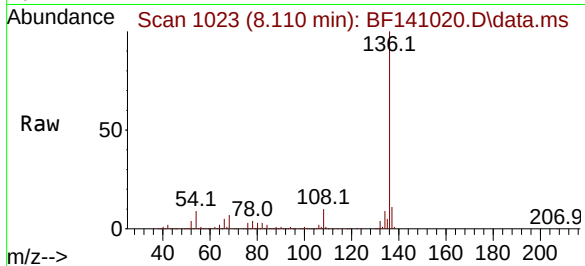




#32
Benzoic acid
Concen: 7.708 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.247 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

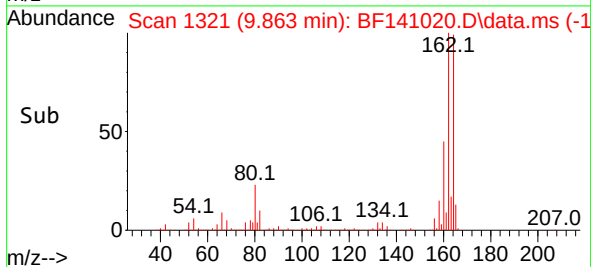
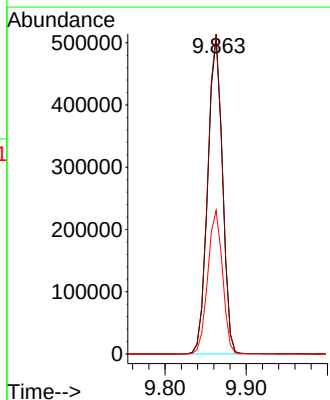
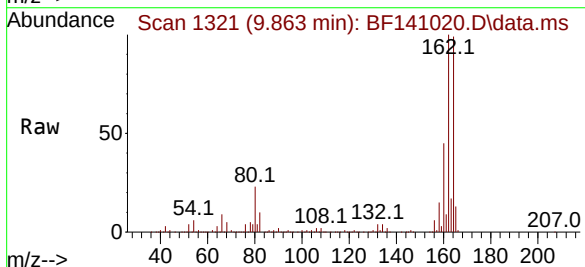
Instrument :
BNA_F
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PB165894BL

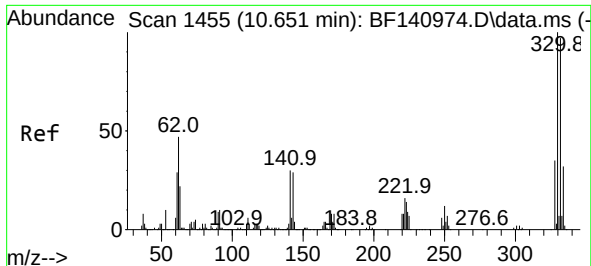
Tgt Ion:122 Resp: 228
Ion Ratio Lower Upper
122 100
105 400.4 105.4 145.4#
77 1136.8 76.4 116.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion:164 Resp: 636803
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.5 35.7 53.5

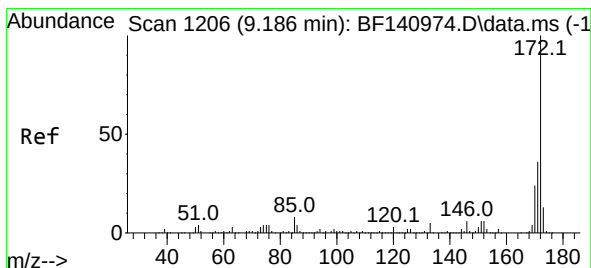
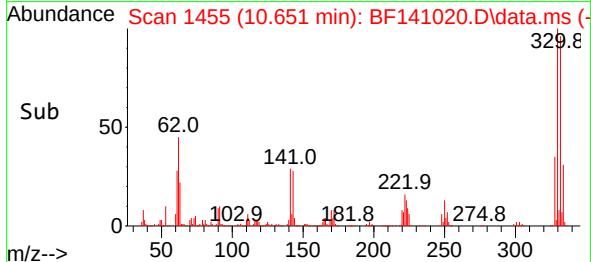
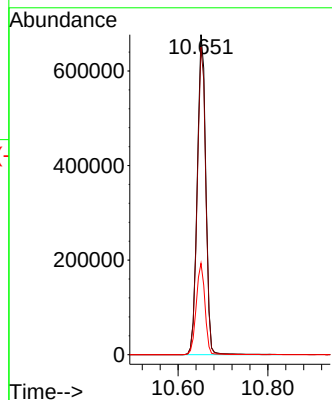
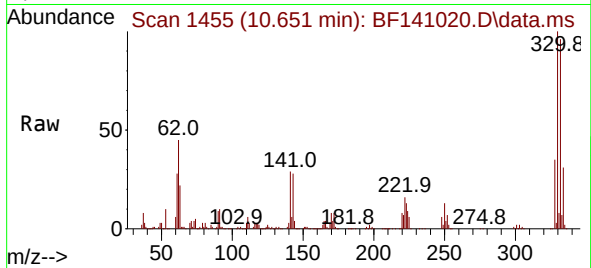




#42
 2,4,6-Tribromophenol
 Concen: 144.862 ng
 RT: 10.651 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BF141020.D
 Acq: 30 Dec 2024 09:50

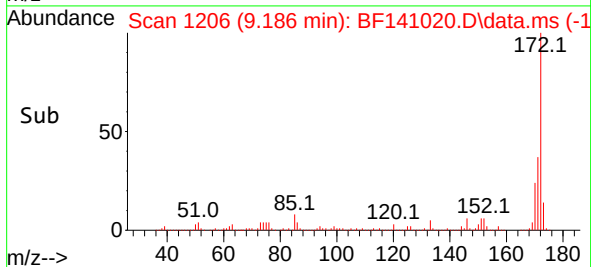
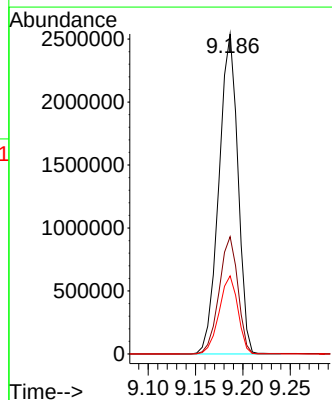
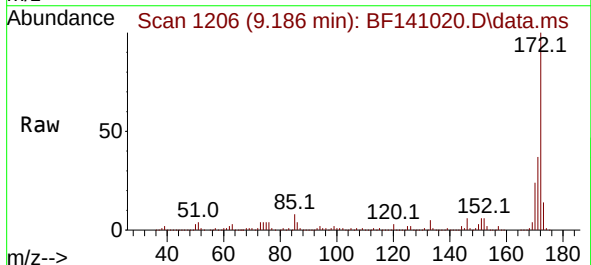
Instrument :
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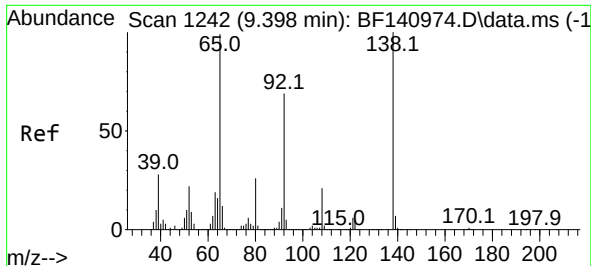
Tgt Ion:330 Resp: 896386
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 29.1 26.4 39.6



#45
 2-Fluorobiphenyl
 Concen: 88.736 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. -0.000 min
 Lab File: BF141020.D
 Acq: 30 Dec 2024 09:50

Tgt Ion:172 Resp: 3546688
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.4
 170 24.4 19.6 29.4





#48

2-Nitroaniline

Concen: 5.196 ng

RT: 9.186 min Scan# 11

Delta R.T. -0.212 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL

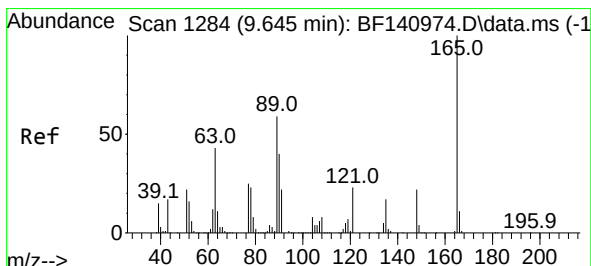
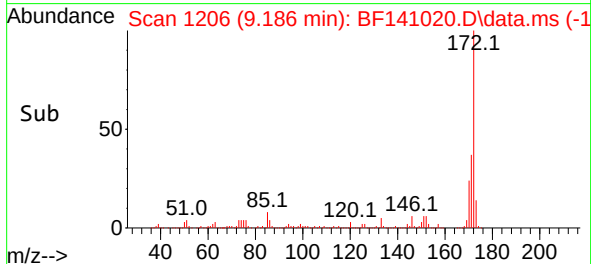
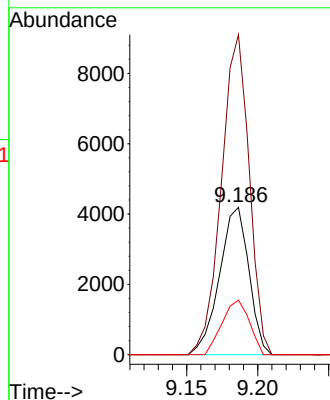
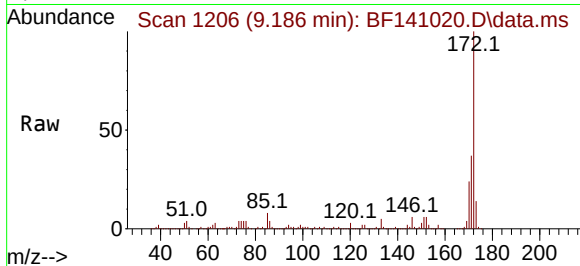
Tgt Ion: 65 Resp: 6043

Ion Ratio Lower Upper

65 100

92 217.1 55.6 83.4#

138 37.0 80.5 120.7#



#51

2,6-Dinitrotoluene

Concen: 12.701 ng

RT: 9.863 min Scan# 1321

Delta R.T. 0.218 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

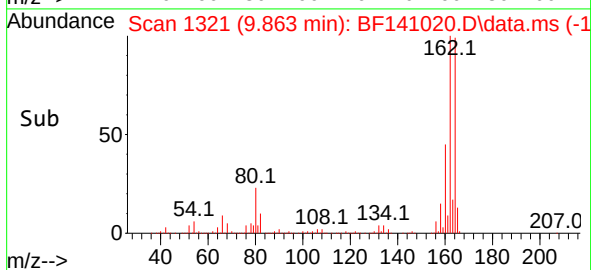
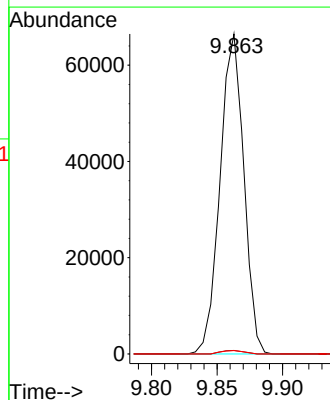
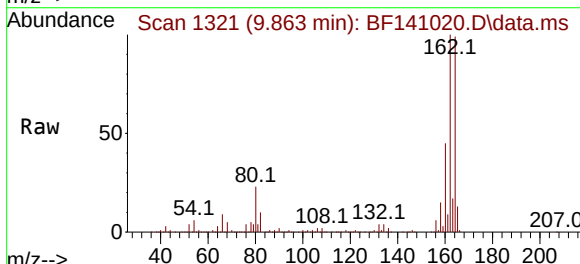
Tgt Ion:165 Resp: 83648

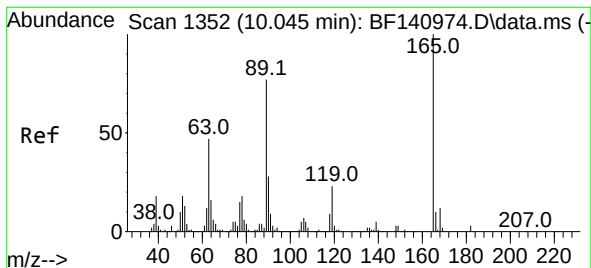
Ion Ratio Lower Upper

165 100

63 1.1 47.1 70.7#

89 1.0 47.0 70.4#





#57

2,4-Dinitrotoluene

Concen: 11.752 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.182 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL

Tgt Ion:165 Resp: 83648

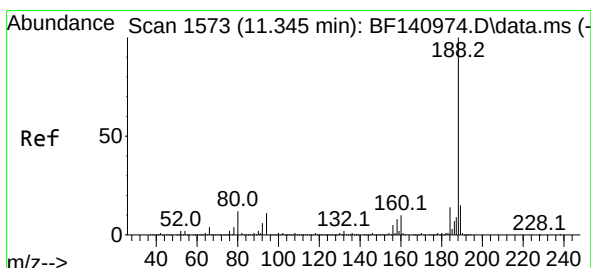
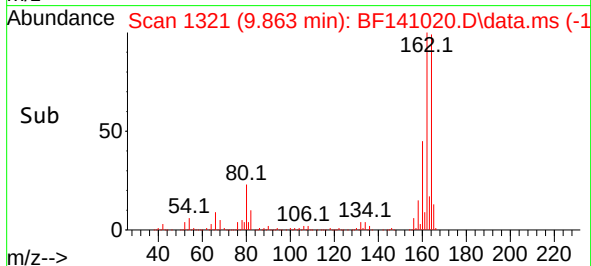
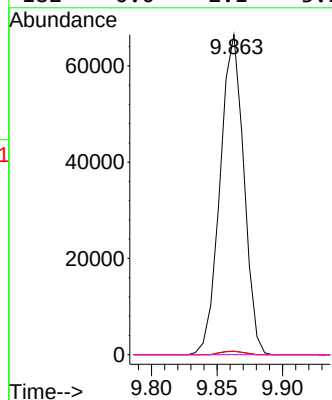
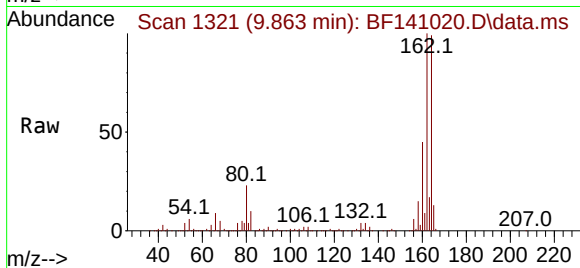
Ion Ratio Lower Upper

165 100

63 1.1 38.1 57.1#

89 1.0 61.4 92.2#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

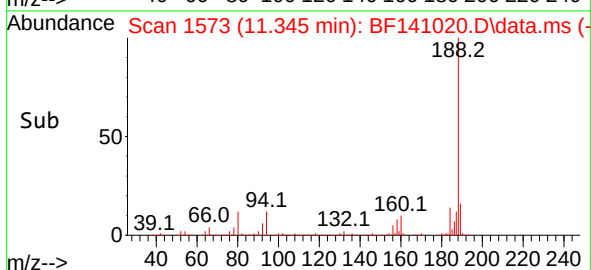
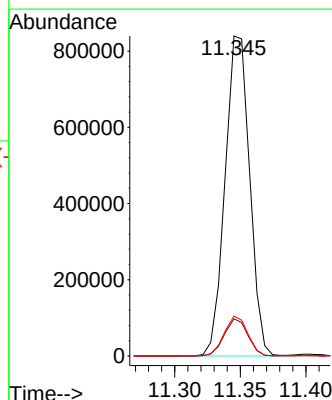
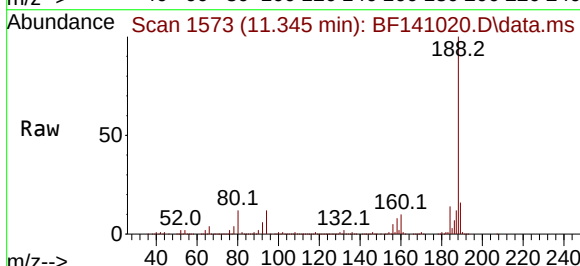
Tgt Ion:188 Resp: 1094330

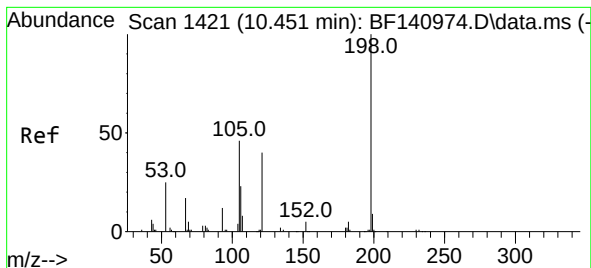
Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.6

80 12.5 9.8 14.6

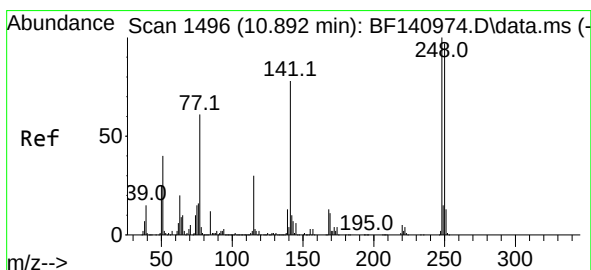
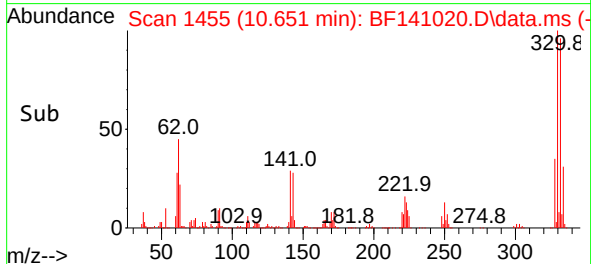
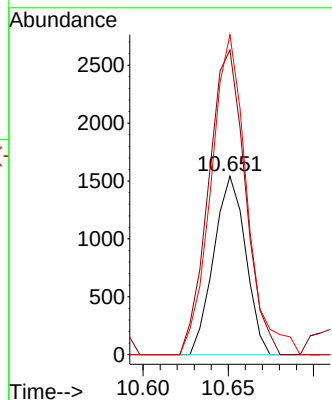
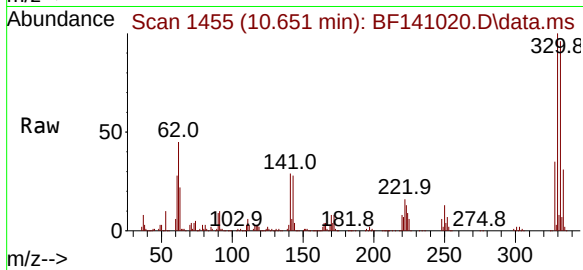




#65
4,6-Dinitro-2-methylphenol
Concen: 9.714 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.200 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

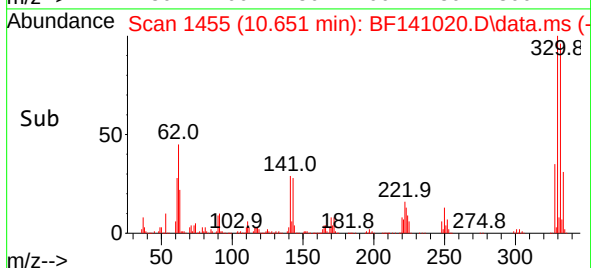
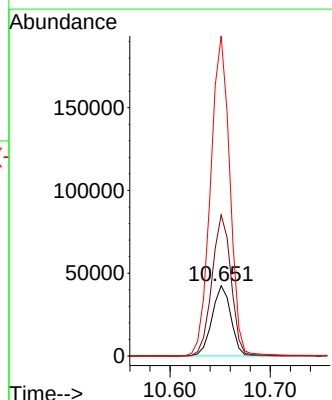
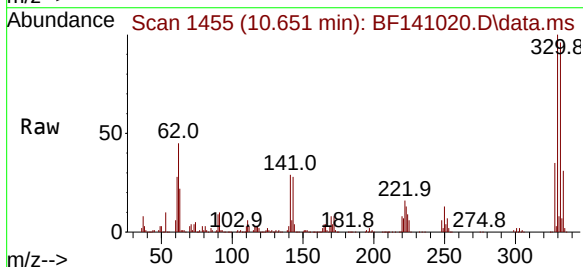
Instrument :
BNA_F
ClientSampleId :
PB165894BL

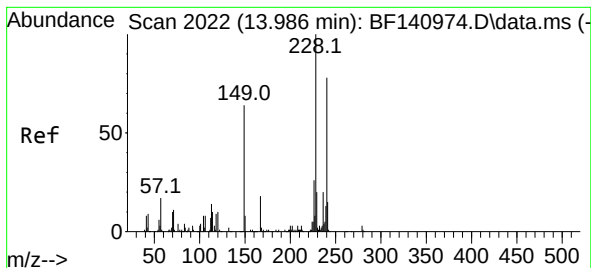
Tgt Ion:198 Resp: 2007
Ion Ratio Lower Upper
198 100
51 170.8 32.3 72.3#
105 179.4 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 4.693 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF141020.D
Acq: 30 Dec 2024 09:50

Tgt Ion:248 Resp: 55518
Ion Ratio Lower Upper
248 100
250 200.8 77.7 116.5#
141 455.2 62.1 93.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL

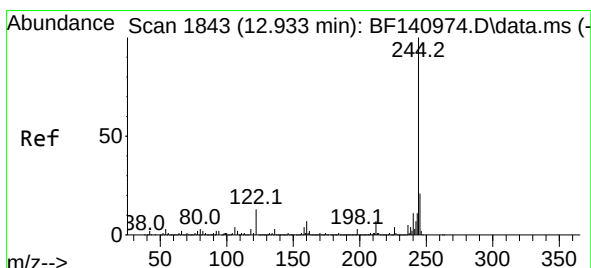
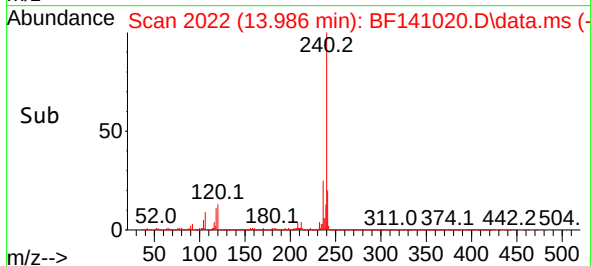
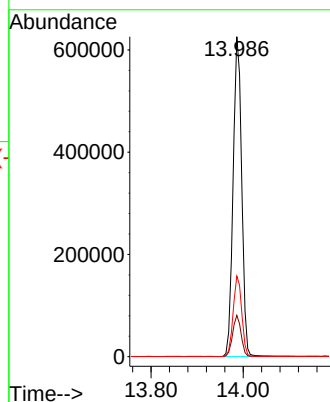
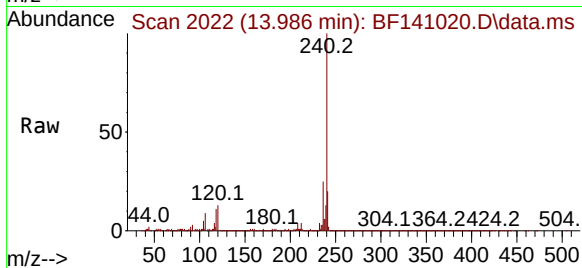
Tgt Ion:240 Resp: 805864

Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.2 20.6 31.0



#79

Terphenyl-d14

Concen: 85.658 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141020.D

Acq: 30 Dec 2024 09:50

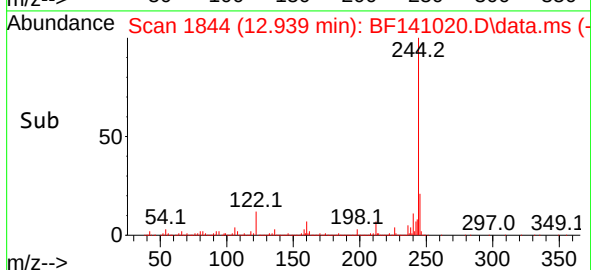
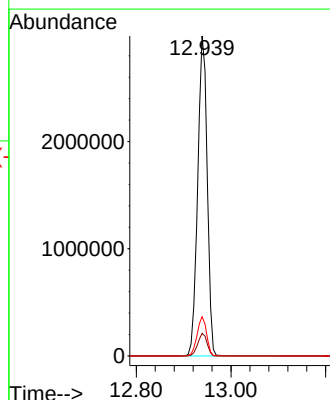
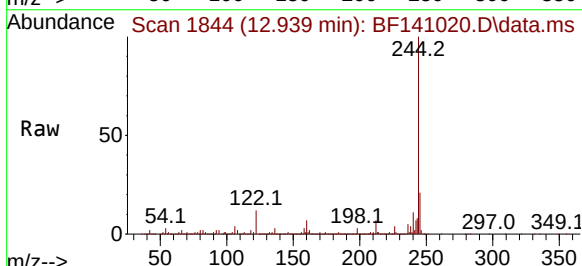
Tgt Ion:244 Resp: 4155845

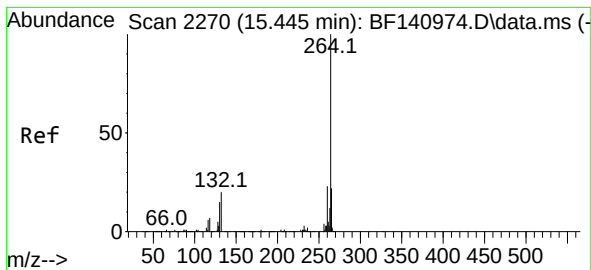
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.3 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141020.D

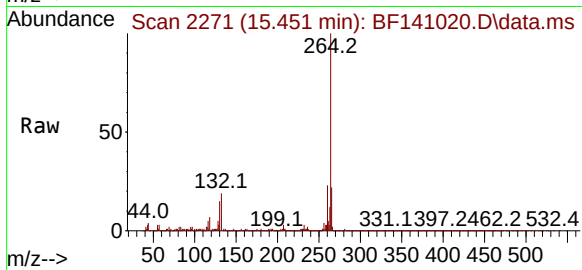
Acq: 30 Dec 2024 09:50

Instrument :

BNA_F

ClientSampleId :

PB165894BL



Tgt Ion:264 Resp: 643549

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 17.4 26.2

