

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141022.D
 Acq On : 30 Dec 2024 10:43
 Operator : RC/JU
 Sample : PB165858TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165858TB

Quant Time: Dec 30 11:09:30 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)

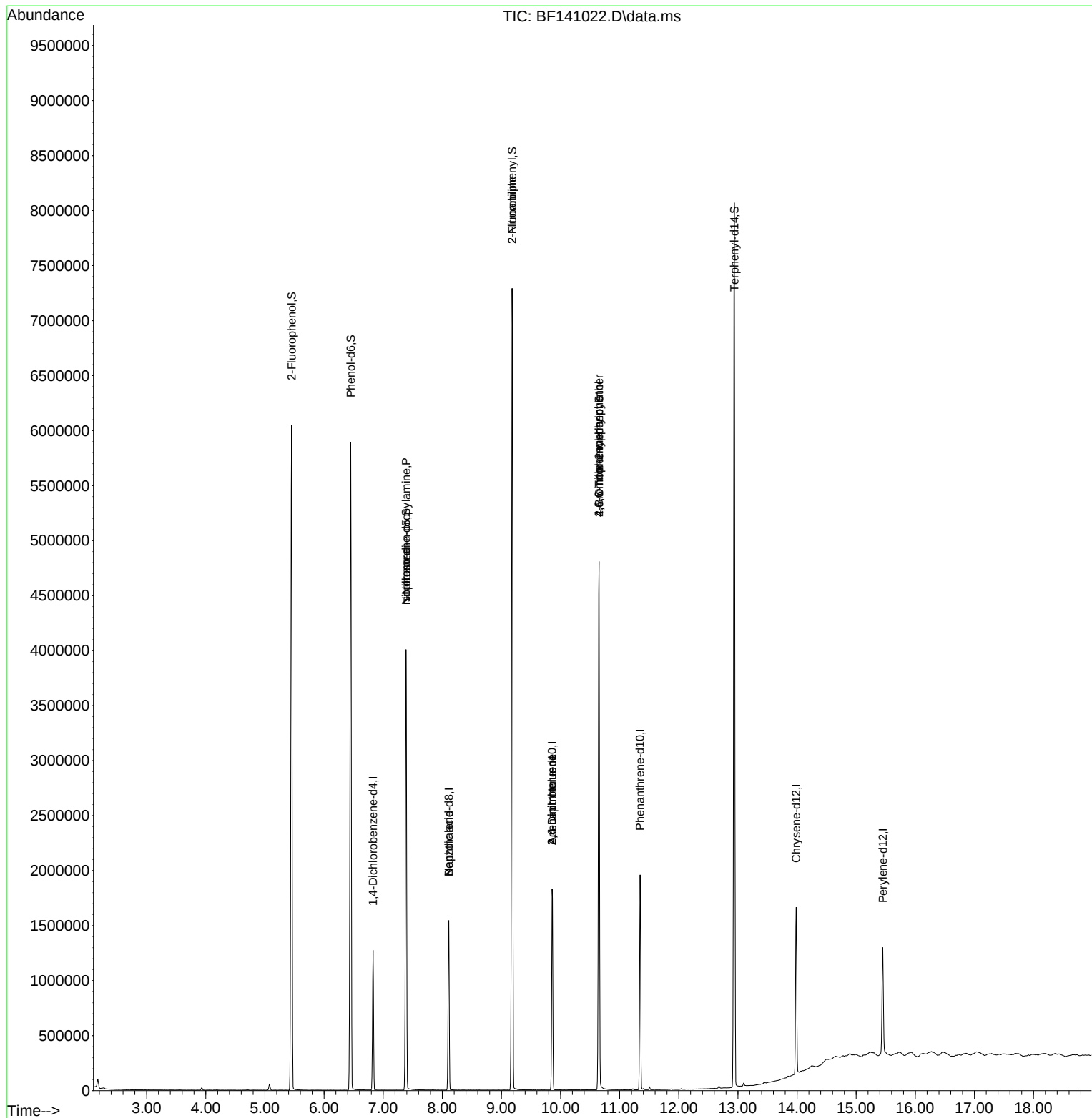
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	261082	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1035808	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	557988	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	953209	20.000	ng	0.00
76) Chrysene-d12	13.986	240	718934	20.000	ng	0.00
86) Perylene-d12	15.451	264	570504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2467503	142.463	ng	0.02
7) Phenol-d6	6.451	99	3081976	138.129	ng	0.00
23) Nitrobenzene-d5	7.387	82	1912945	118.155	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	916260	168.989	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3480771	99.387	ng	0.00
79) Terphenyl-d14	12.939	244	4073487	94.112	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	5317	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.387	70	259070	18.953	ng	# 79
25) Isophorone	7.387	82	1879067	53.336	ng	# 65
32) Benzoic acid	8.110	122	225	7.710	ng	# 1
48) 2-Nitroaniline	9.181	65	6382	5.309	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	72017	12.544	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	72017	11.625	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.651	198	1763	9.717	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	56928	5.525	ng	# 1

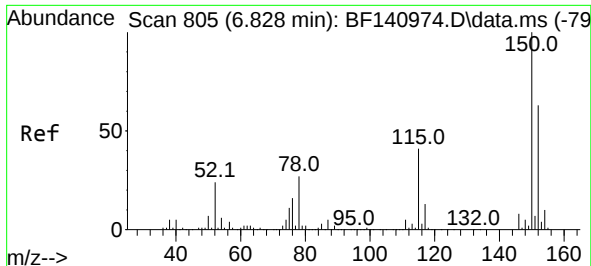
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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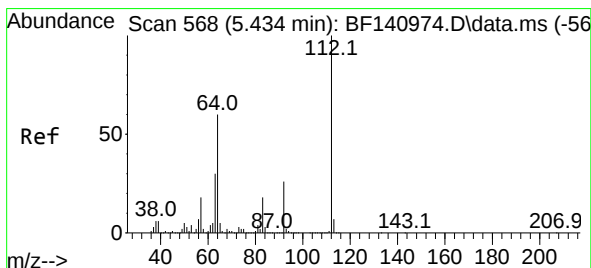
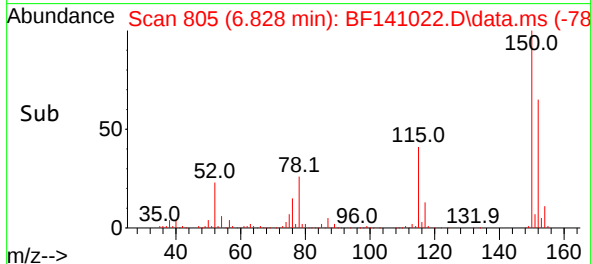
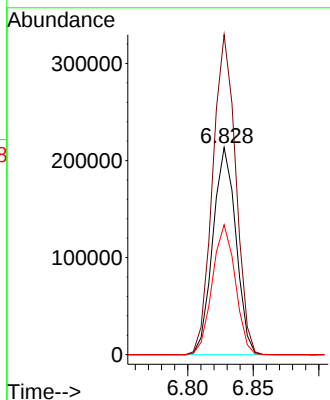
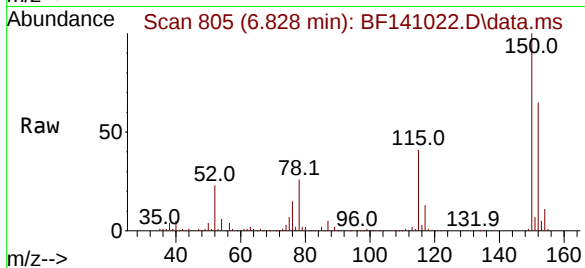




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141022.D
 Acq: 30 Dec 2024 10:43

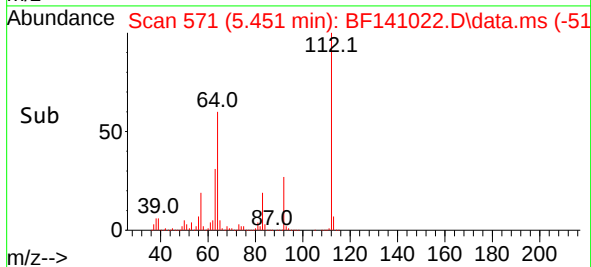
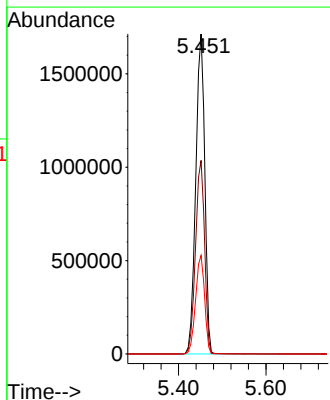
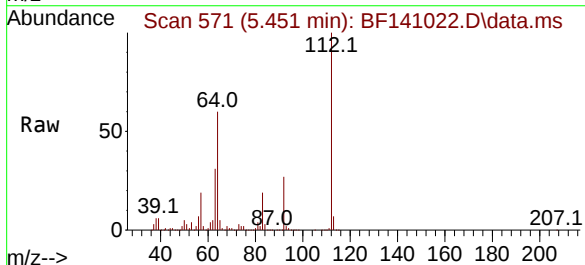
Instrument :
 BNA_F
 ClientSampleId :
 PB165858TB

Tgt Ion:152 Resp: 261082
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.0 190.6
 115 62.7 51.7 77.5



#5
 2-Fluorophenol
 Concen: 142.463 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF141022.D
 Acq: 30 Dec 2024 10:43

Tgt Ion:112 Resp: 2467503
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.7 71.5
 63 30.8 24.2 36.2



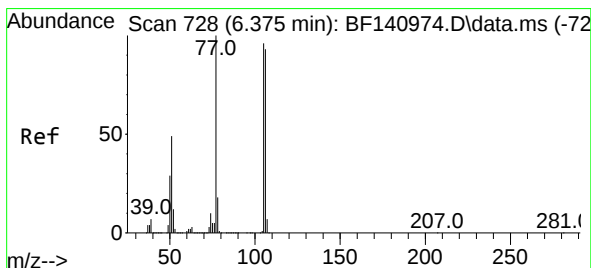
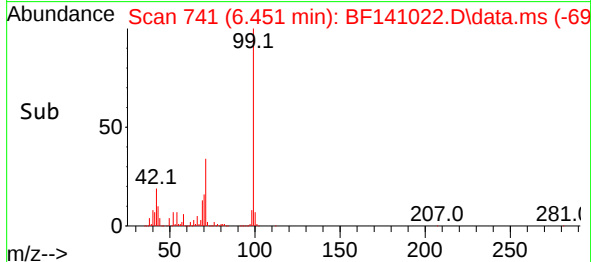
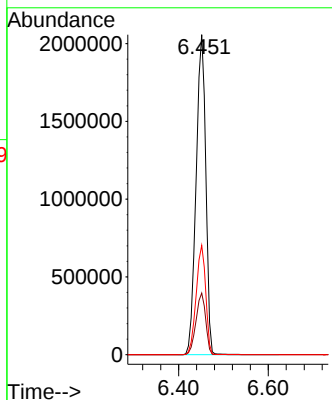
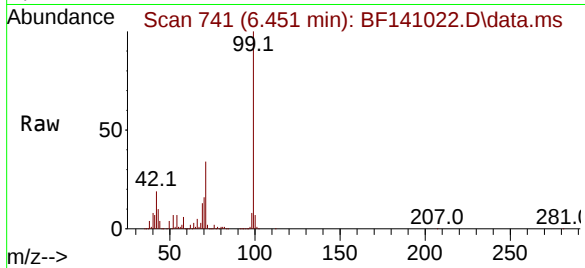


#7
Phenol-d6
Concen: 138.129 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB165858TB

Tgt Ion: 99 Resp: 3081976

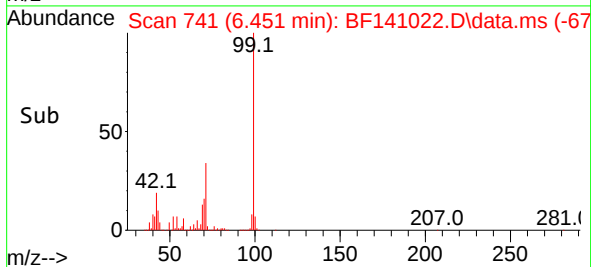
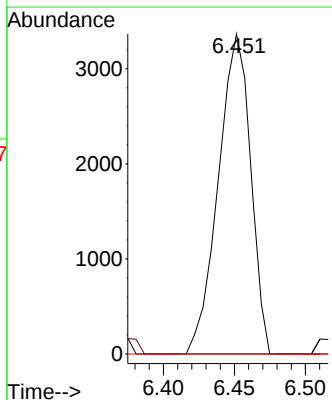
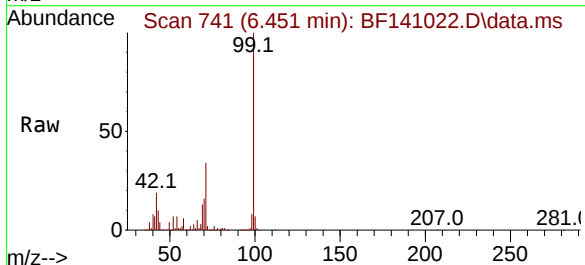
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.0	22.4
71	34.2	26.2	39.2

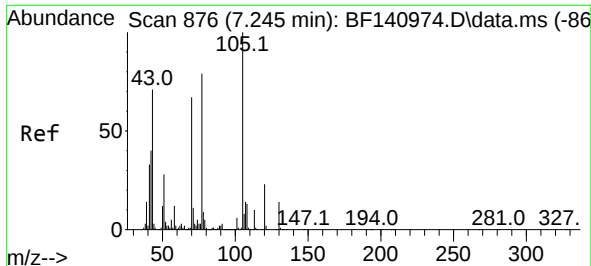


#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 741
Delta R.T. 0.076 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion: 77 Resp: 5317

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.2	116.2#
106	0.0	73.4	113.4#

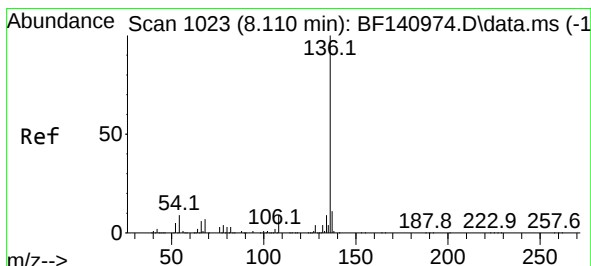
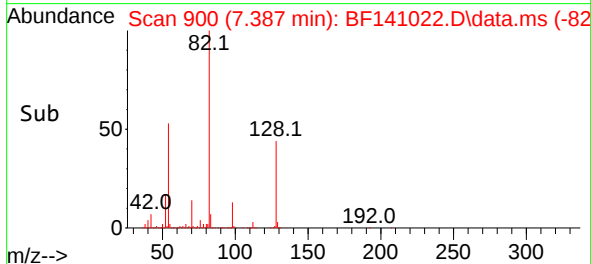
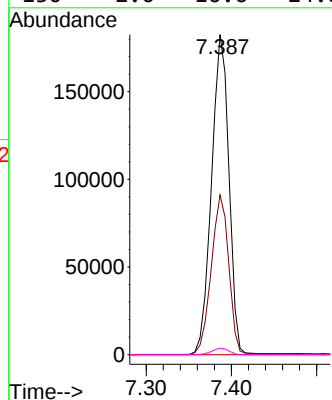
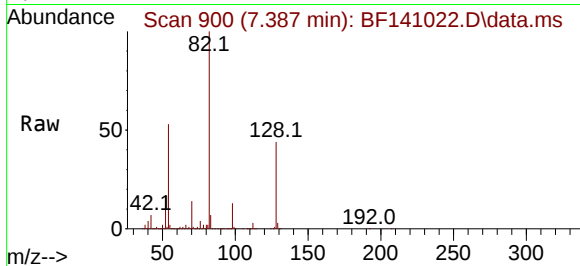




#19
n-Nitroso-di-n-propylamine
Concen: 18.953 ng
RT: 7.387 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

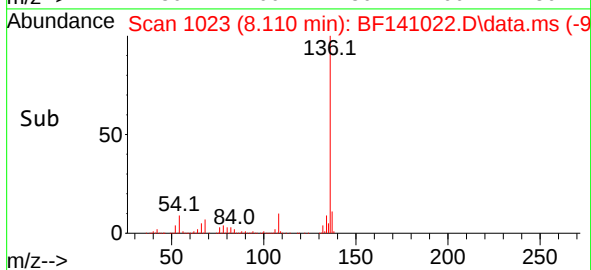
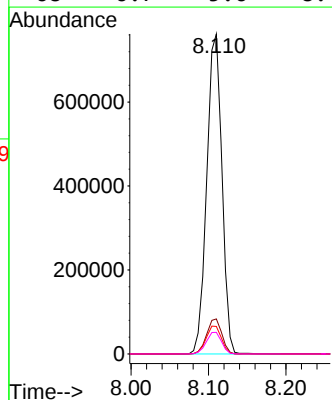
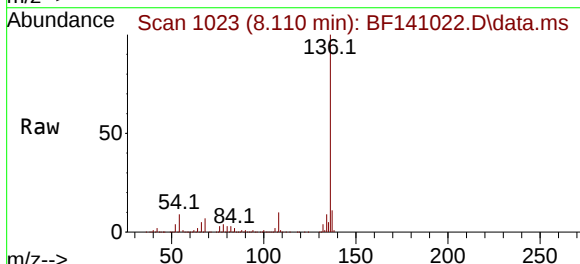
Instrument :
BNA_F
ClientSampleId :
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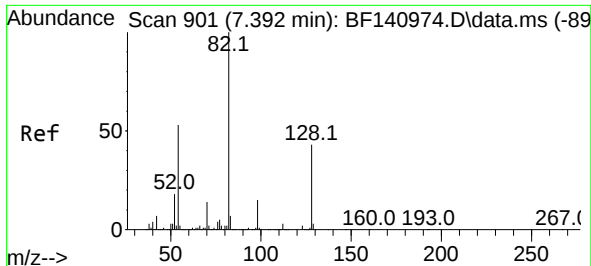
Tgt Ion: 70 Resp: 259070
Ion Ratio Lower Upper
70 100
42 49.8 48.1 72.1
101 0.0 7.6 11.4#
130 2.0 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion: 136 Resp: 1035808
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.6 7.6 11.4
68 6.7 5.6 8.4

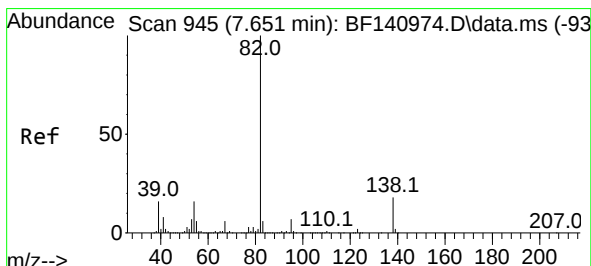
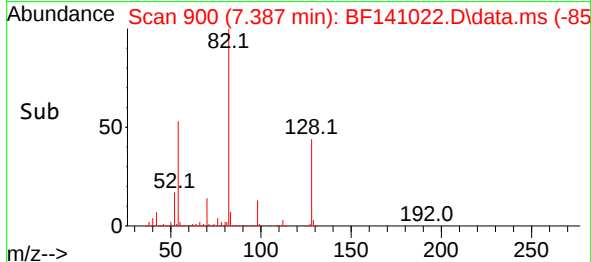
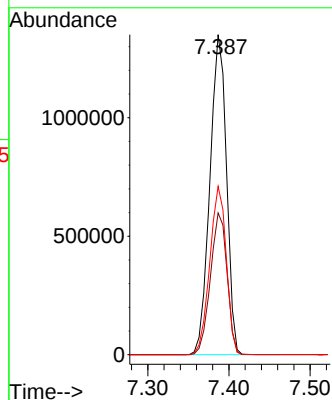
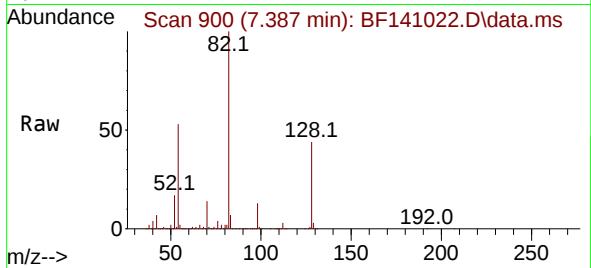




#23
Nitrobenzene-d5
Concen: 118.155 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

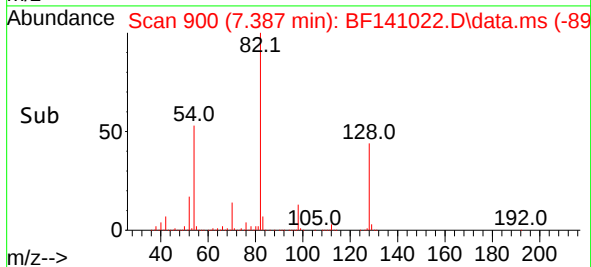
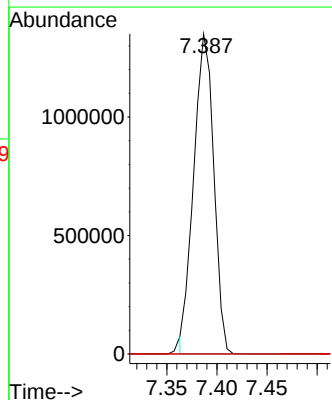
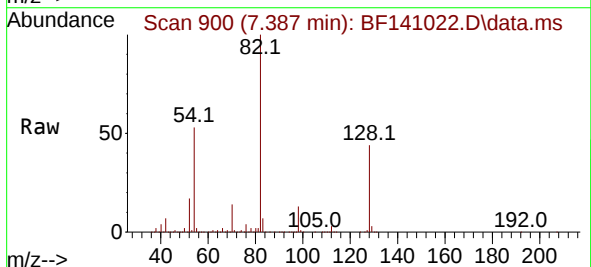
Instrument :
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ClientSampleId :
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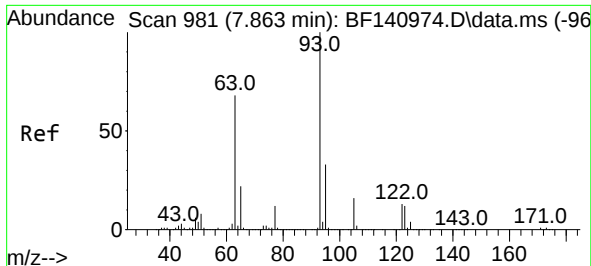
Tgt Ion: 82 Resp: 1912945
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 52.6 42.4 63.6



#25
Isophorone
Concen: 53.336 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion: 82 Resp: 1879067
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 21.8#

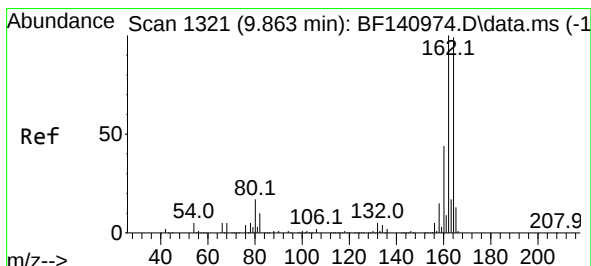
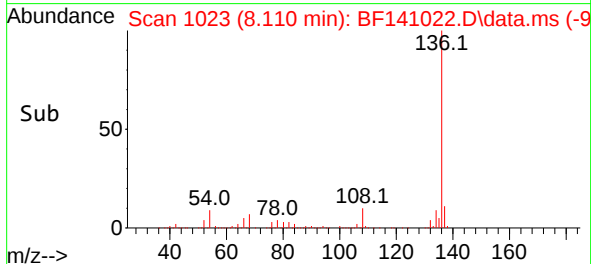
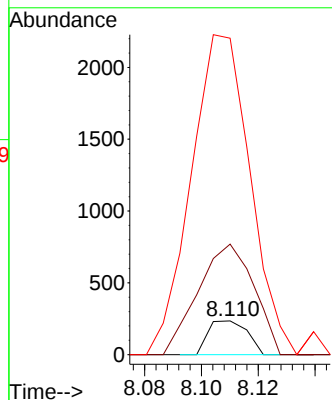
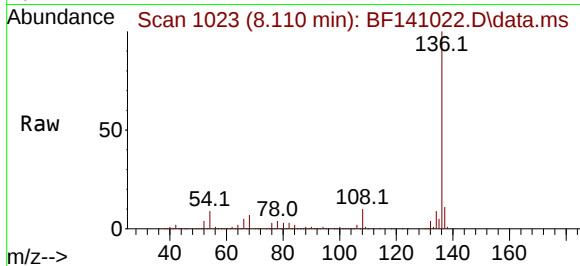




#32
Benzoic acid
Concen: 7.710 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.247 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

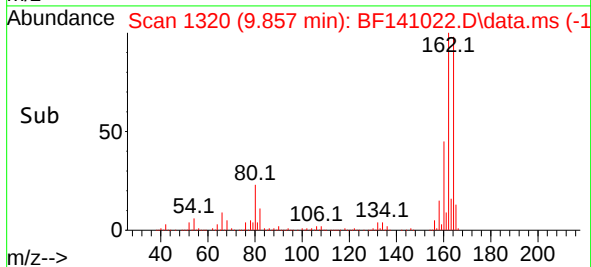
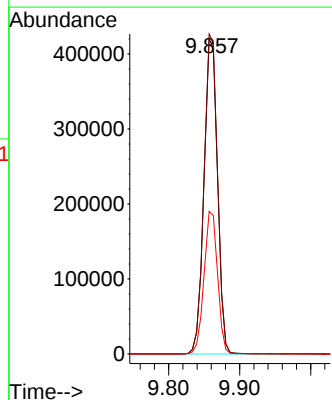
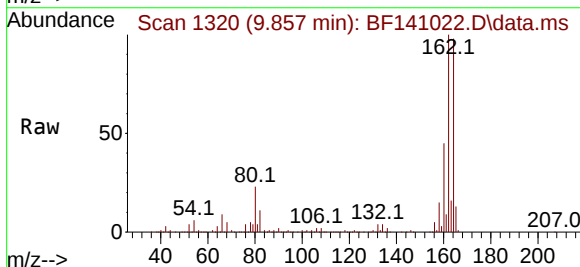
Instrument :
BNA_F
ClientSampleId :
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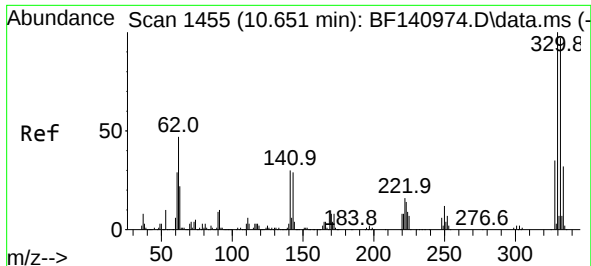
Tgt Ion:122 Resp: 225
Ion Ratio Lower Upper
122 100
105 327.7 105.4 145.4#
77 937.9 76.4 116.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion:164 Resp: 557988
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 168.989 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165858TB

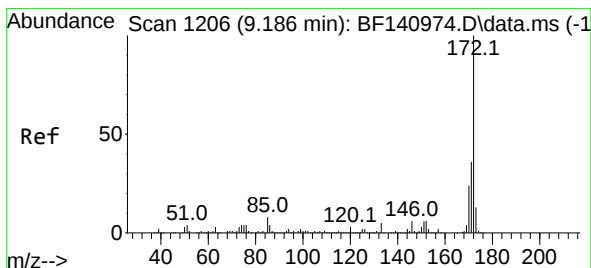
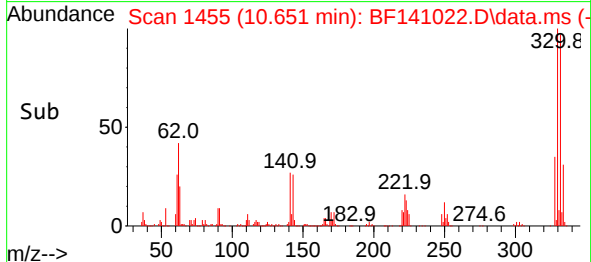
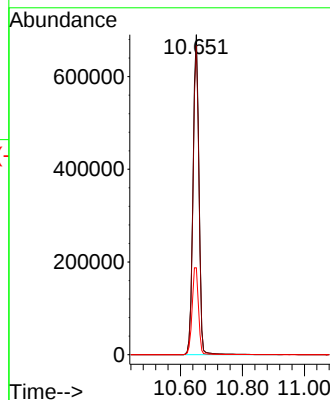
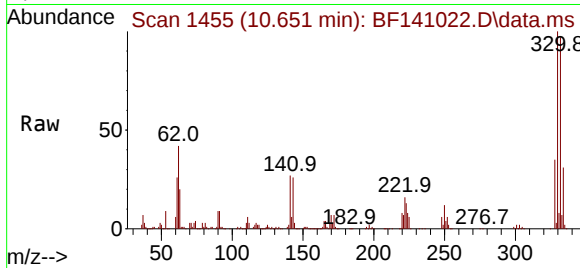
Tgt Ion:330 Resp: 916260

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 29.2 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 99.387 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

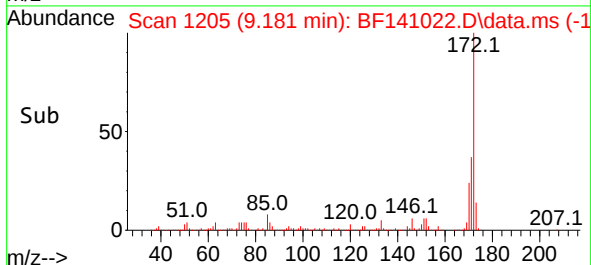
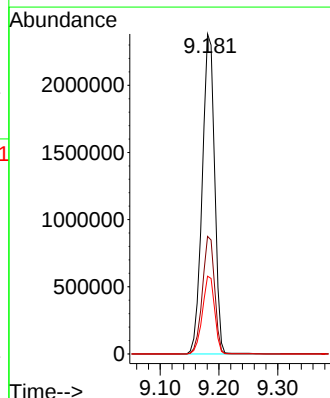
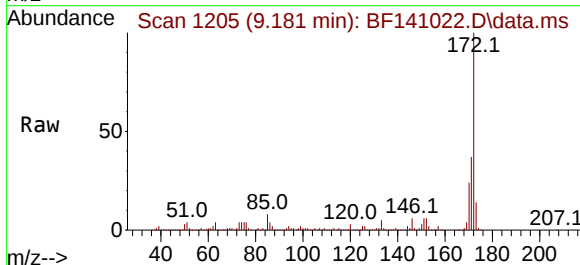
Tgt Ion:172 Resp: 3480771

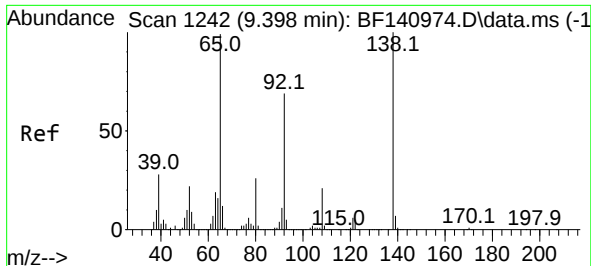
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

170 24.3 19.6 29.4





#48

2-Nitroaniline

Concen: 5.309 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.217 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165858TB

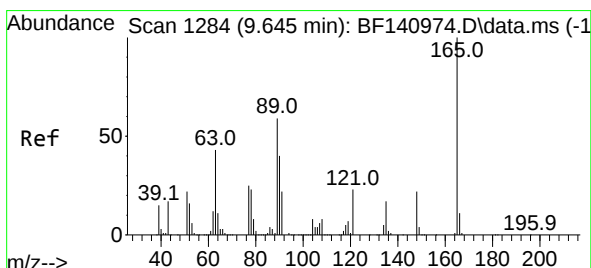
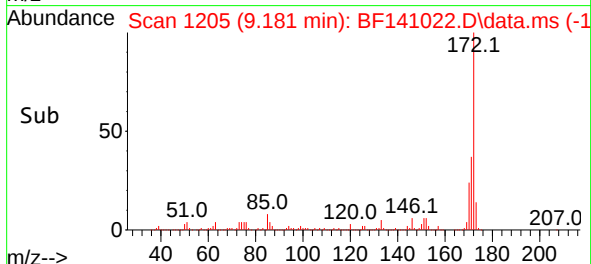
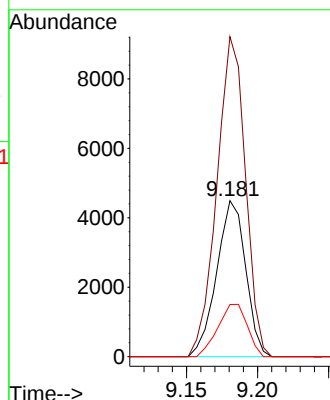
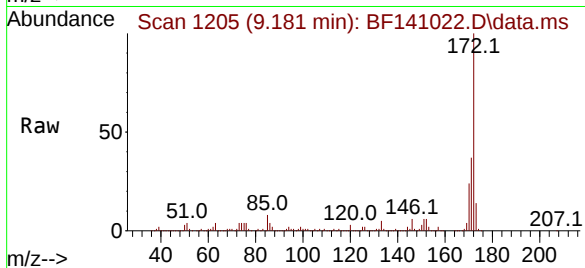
Tgt Ion: 65 Resp: 6382

Ion Ratio Lower Upper

65 100

92 205.1 55.6 83.4#

138 33.4 80.5 120.7#



#51

2,6-Dinitrotoluene

Concen: 12.544 ng

RT: 9.857 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

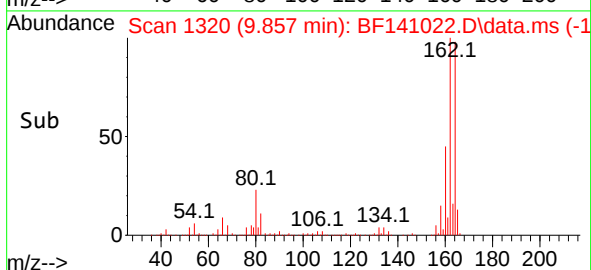
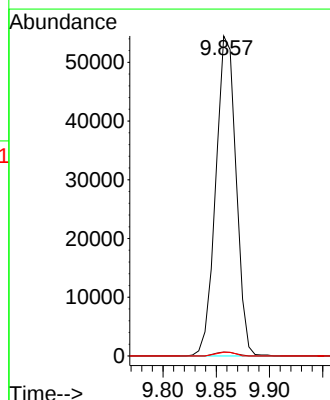
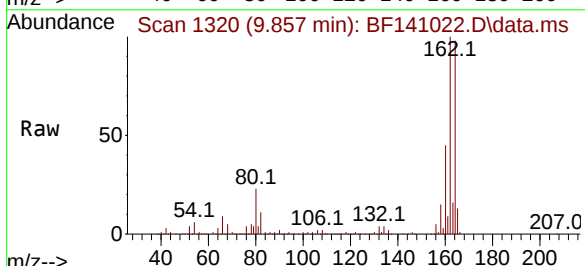
Tgt Ion: 165 Resp: 72017

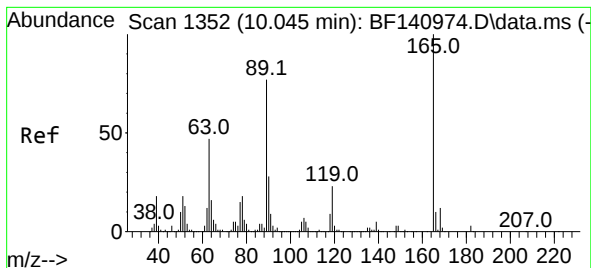
Ion Ratio Lower Upper

165 100

63 1.3 47.1 70.7#

89 1.2 47.0 70.4#

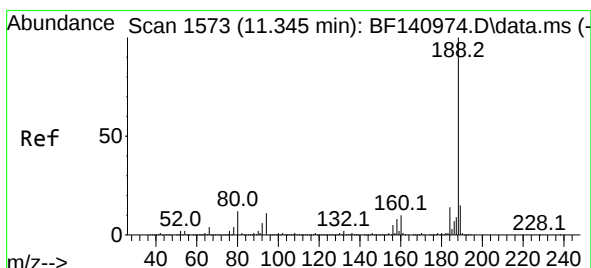
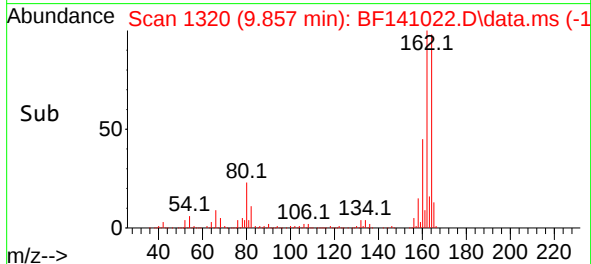
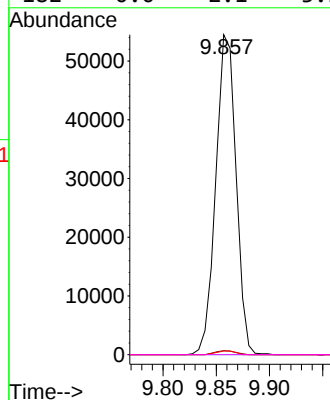
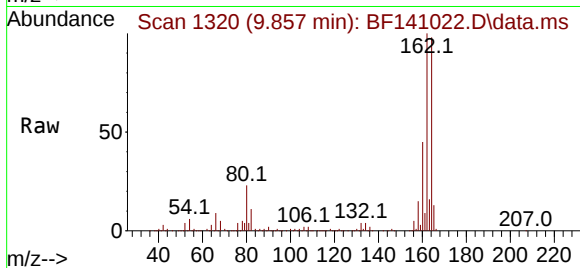




#57
2,4-Dinitrotoluene
Concen: 11.625 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

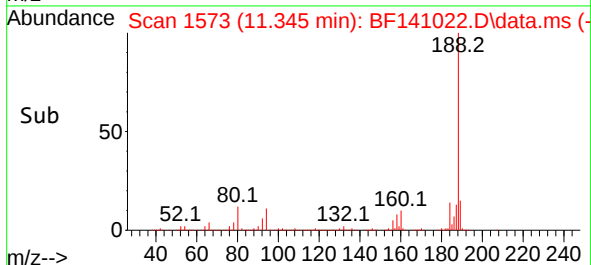
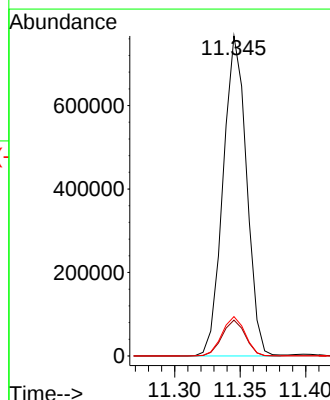
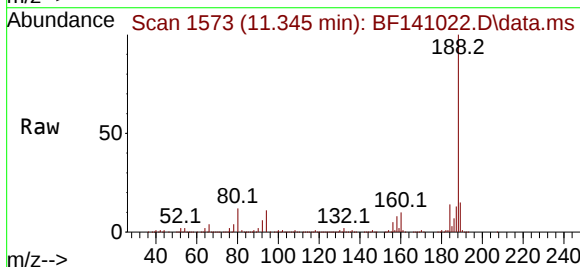
Instrument :
BNA_F
ClientSampleId :
PB165858TB

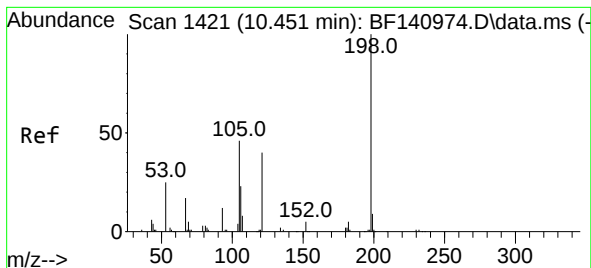
Tgt Ion:165 Resp: 72017
Ion Ratio Lower Upper
165 100
63 1.3 38.1 57.1#
89 1.2 61.4 92.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion:188 Resp: 953209
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.3 9.8 14.6

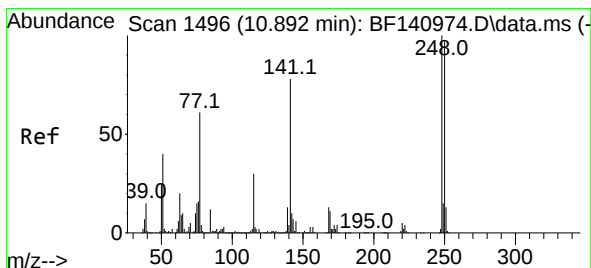
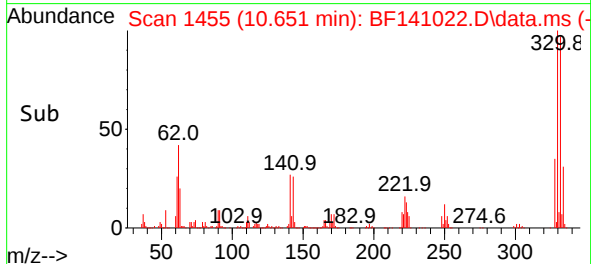
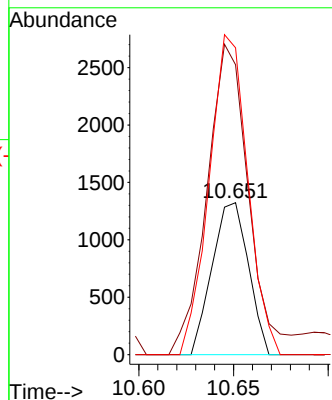
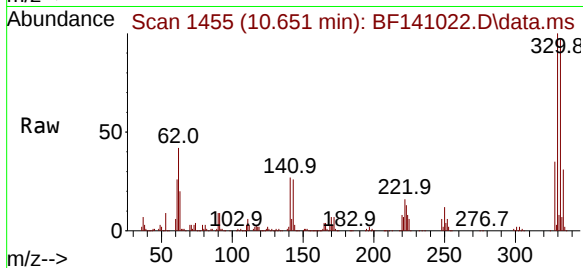




#65
4,6-Dinitro-2-methylphenol
Concen: 9.717 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.200 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

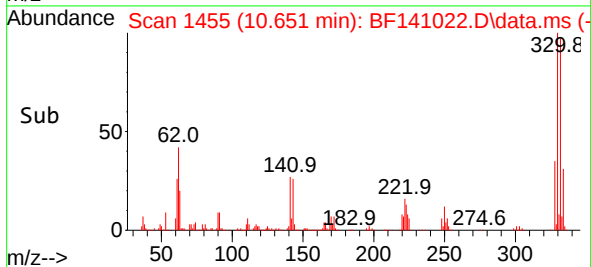
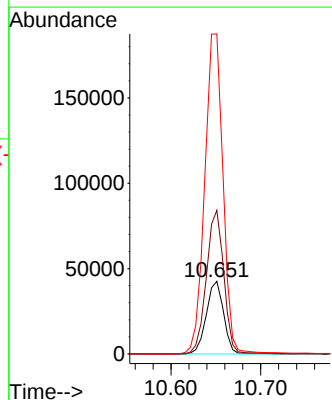
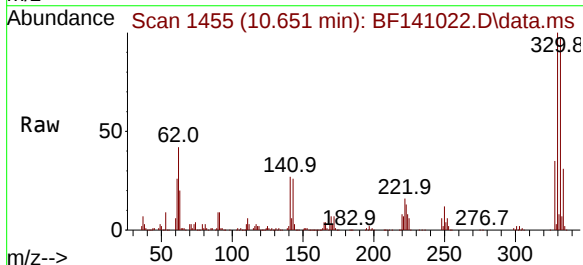
Instrument :
BNA_F
ClientSampleId :
PB165858TB

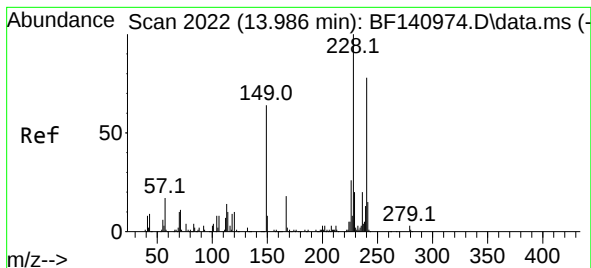
Tgt Ion:198 Resp: 1763
Ion Ratio Lower Upper
198 100
51 190.7 32.3 72.3#
105 201.9 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 5.525 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF141022.D
Acq: 30 Dec 2024 10:43

Tgt Ion:248 Resp: 56928
Ion Ratio Lower Upper
248 100
250 198.1 77.7 116.5#
141 440.9 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: BF141022.D

Acq: 30 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165858TB

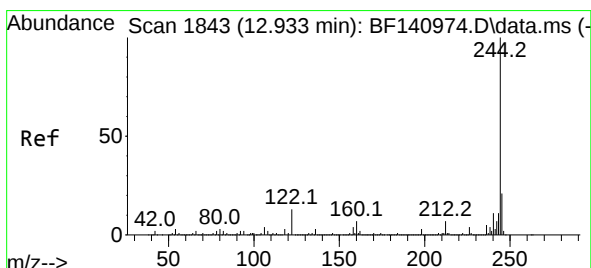
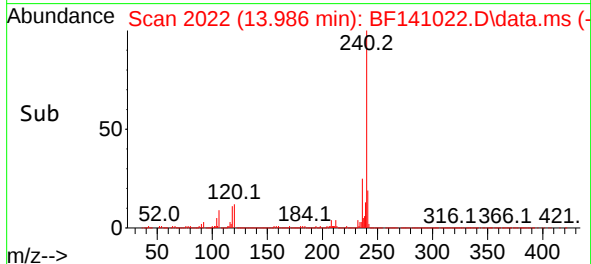
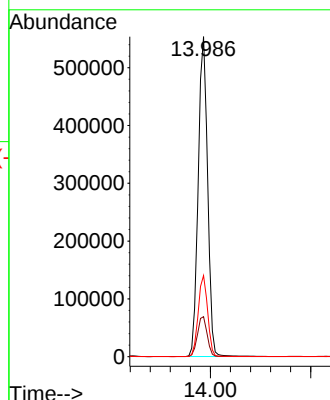
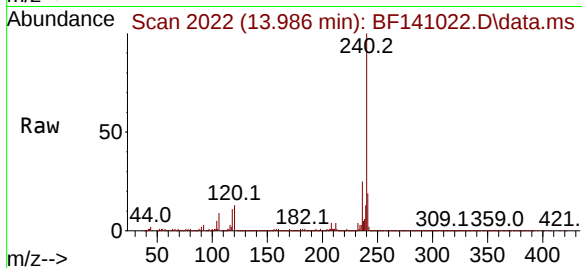
Tgt Ion:240 Resp: 718934

Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 94.112 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141022.D

Acq: 30 Dec 2024 10:43

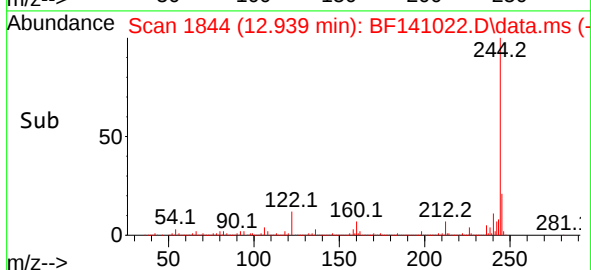
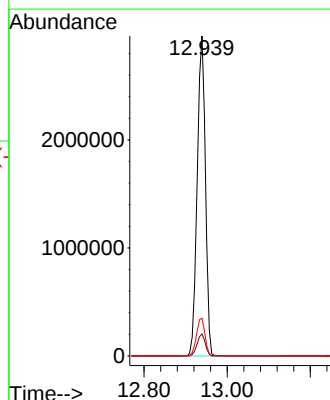
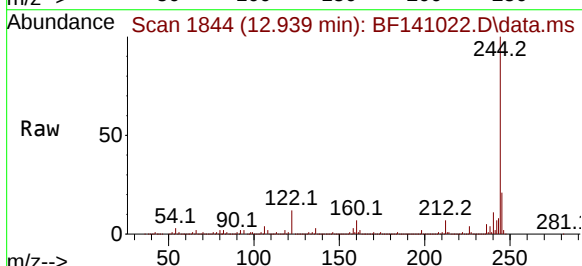
Tgt Ion:244 Resp: 4073487

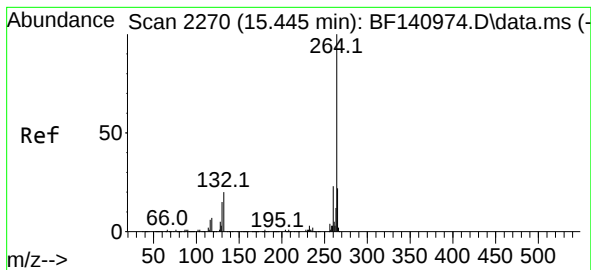
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.8 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: BF141022.D

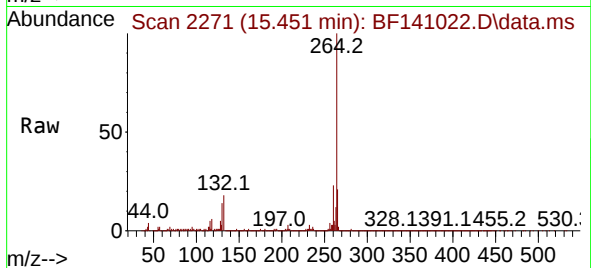
Acq: 30 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165858TB



Tgt Ion:264 Resp: 570504

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.3 17.4 26.2

