

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141037.D
 Acq On : 30 Dec 2024 18:06
 Operator : RC/JU
 Sample : P5386-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00395-96

Quant Time: Dec 31 00:14:49 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)

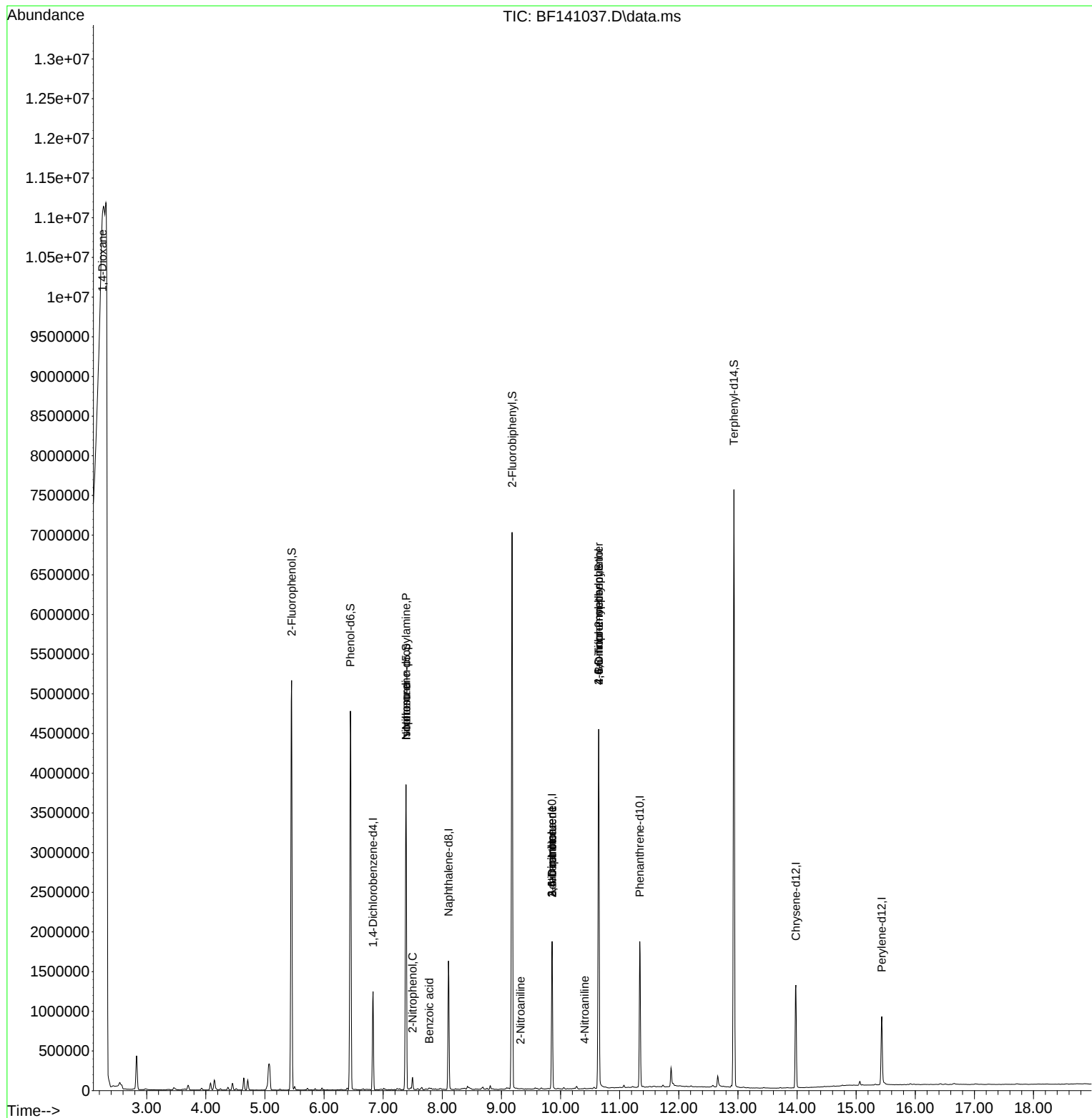
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	253986	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1018210	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	540893	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	925437	20.000	ng	0.00
76) Chrysene-d12	13.980	240	625287	20.000	ng	0.00
86) Perylene-d12	15.433	264	502783	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2107233	125.062	ng	0.02
7) Phenol-d6	6.446	99	2468824	113.740	ng	0.00
23) Nitrobenzene-d5	7.387	82	1805058	113.418	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	868223	165.190	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3177191	93.586	ng	0.00
79) Terphenyl-d14	12.933	244	3761383	99.916	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.252	88	29646	3.886	ng	# 35
9) Benzaldehyde	6.381	77	708	Below Cal		# 81
19) n-Nitroso-di-n-propyla...	7.387	70	245124	18.434	ng	# 78
25) Isophorone	7.387	82	1794274	51.810	ng	# 65
26) 2-Nitrophenol	7.498	139	1212	5.449	ng	# 65
32) Benzoic acid	7.781	122	5352	8.124	ng	# 96
48) 2-Nitroaniline	9.322	65	228	4.668	ng	# 6
51) 2,6-Dinitrotoluene	9.857	165	71190	12.719	ng	# 23
53) 3-Nitroaniline	9.857	138	301	3.300	ng	# 1
57) 2,4-Dinitrotoluene	9.857	165	71192	11.766	ng	# 21
62) 4-Nitroaniline	10.410	138	128	3.361	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.645	198	1745	9.724	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	53569	5.355	ng	# 1

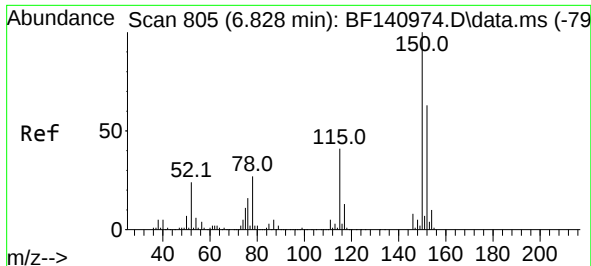
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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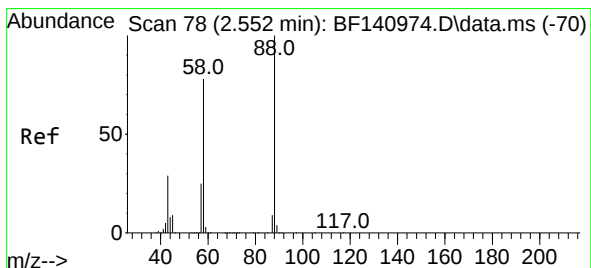
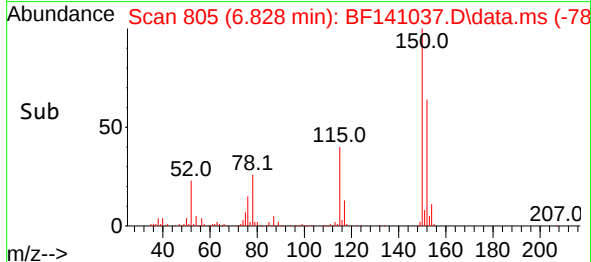
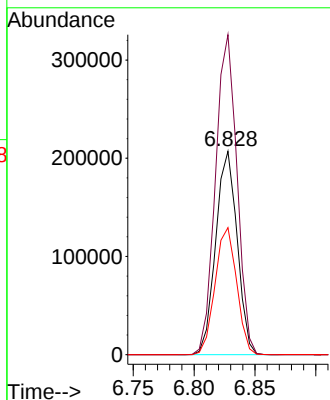
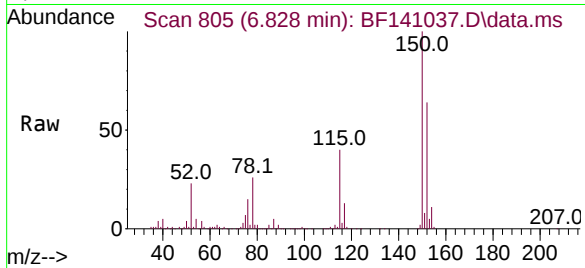




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141037.D
 Acq: 30 Dec 2024 18:06

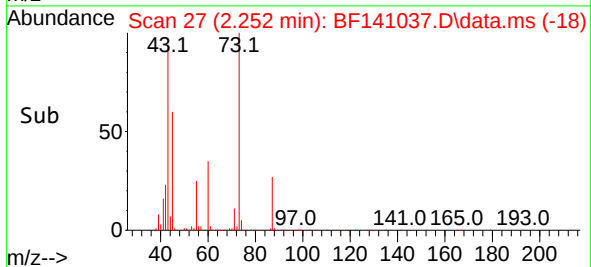
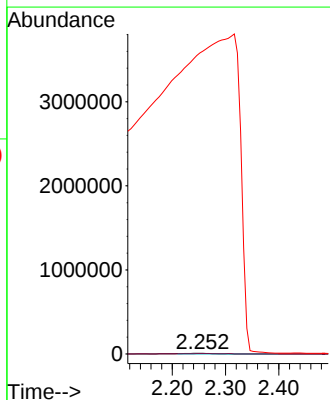
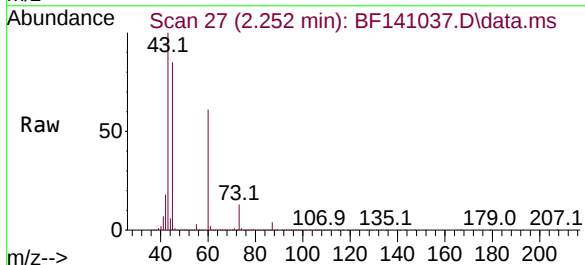
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00395-96

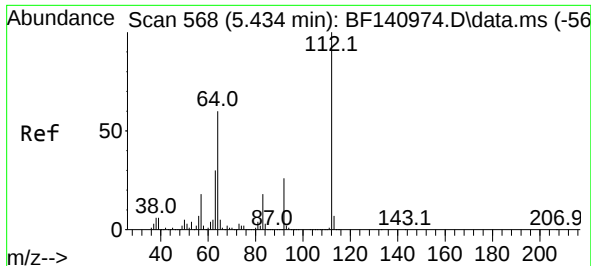
Tgt Ion:152 Resp: 253986
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.0 190.6
 115 62.5 51.7 77.5



#2
 1,4-Dioxane
 Concen: 3.886 ng
 RT: 2.252 min Scan# 27
 Delta R.T. -0.300 min
 Lab File: BF141037.D
 Acq: 30 Dec 2024 18:06

Tgt Ion: 88 Resp: 29646
 Ion Ratio Lower Upper
 88 100
 58 18.6 63.0 94.4#
 43 0.0 23.4 35.2#

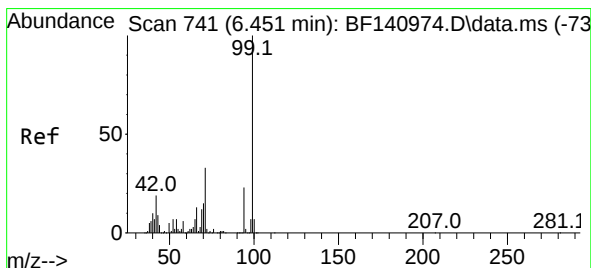
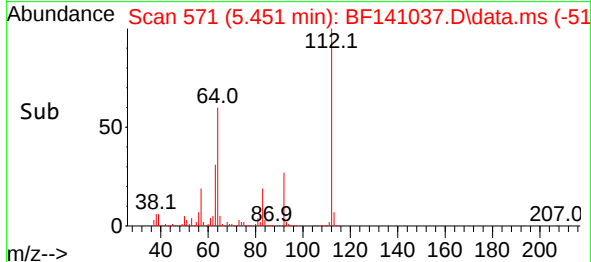
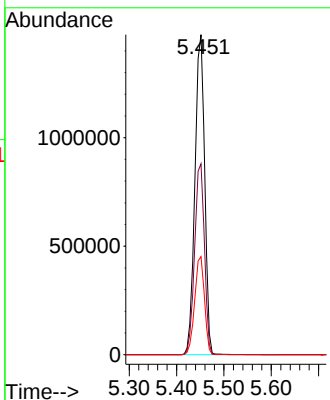
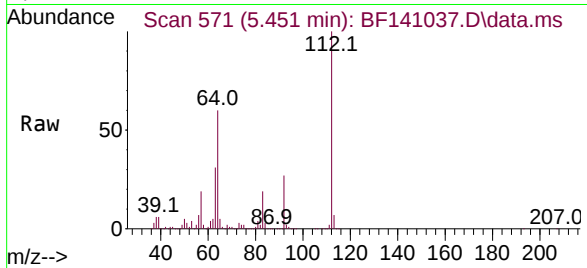




#5
2-Fluorophenol
Concen: 125.062 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

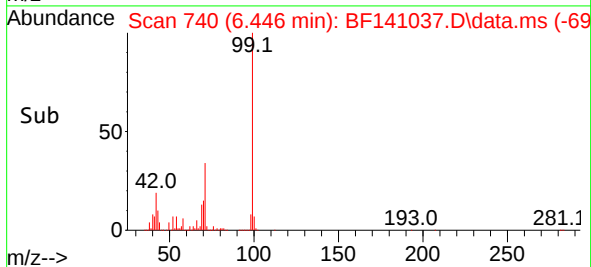
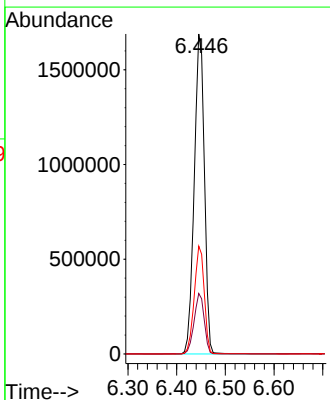
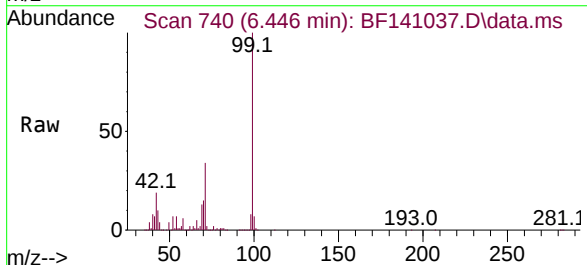
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

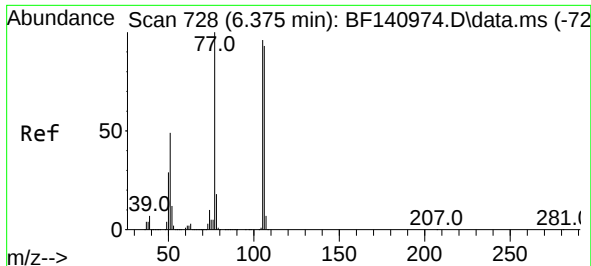
Tgt Ion:112 Resp: 2107233
Ion Ratio Lower Upper
112 100
64 59.6 47.7 71.5
63 30.7 24.2 36.2



#7
Phenol-d6
Concen: 113.740 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion: 99 Resp: 2468824
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 33.7 26.2 39.2

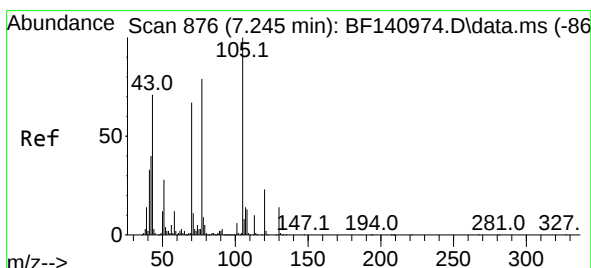
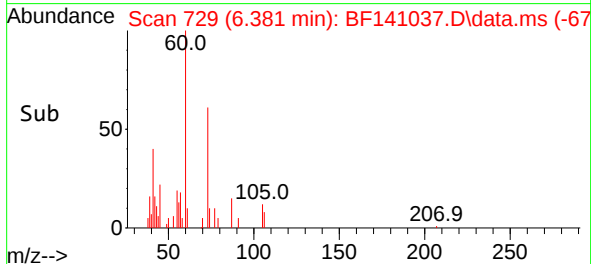
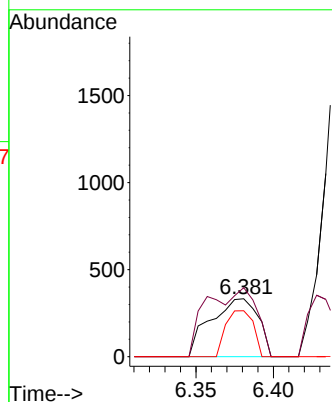
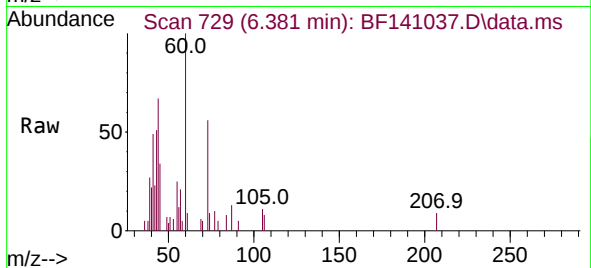




#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

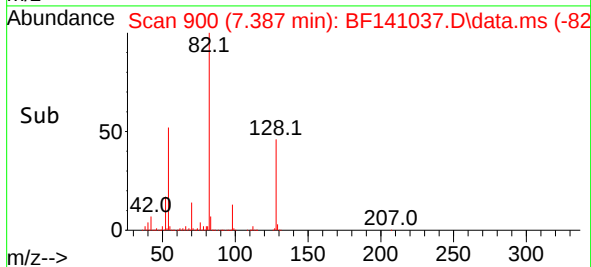
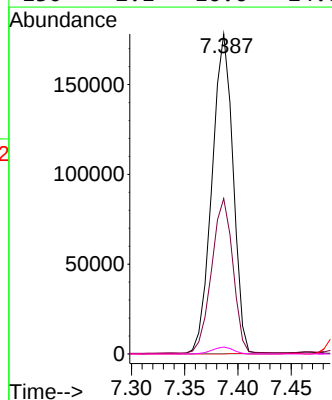
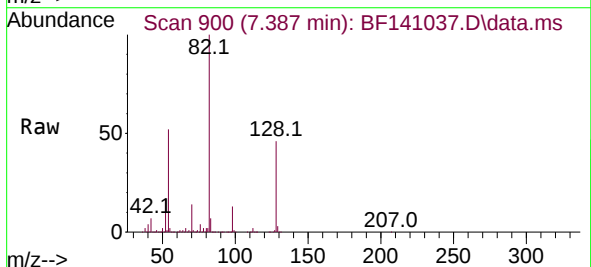
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

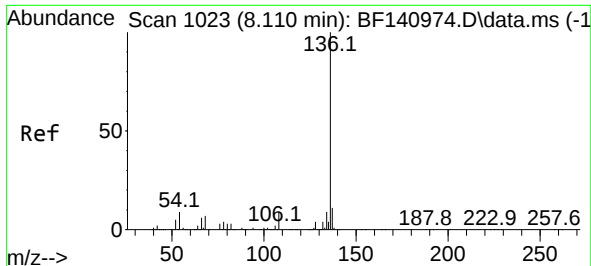
Tgt Ion: 77 Resp: 708
Ion Ratio Lower Upper
77 100
105 118.9 76.2 116.2#
106 79.3 73.4 113.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.434 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion: 70 Resp: 245124
Ion Ratio Lower Upper
70 100
42 48.5 48.1 72.1
101 0.0 7.6 11.4#
130 2.1 16.6 24.8#

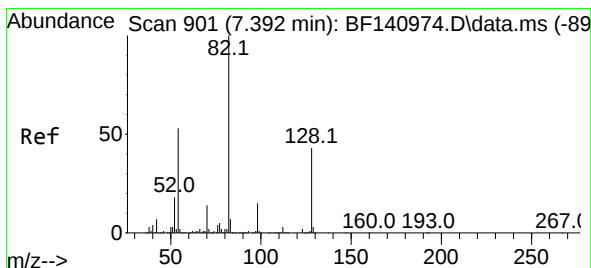
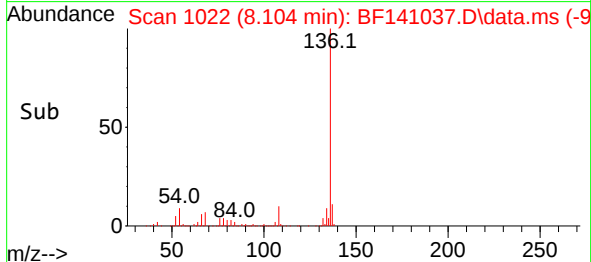
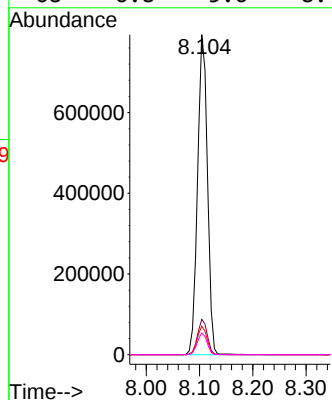
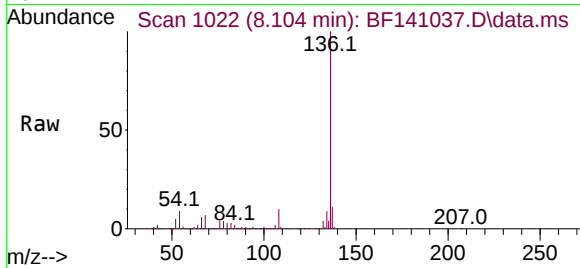




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

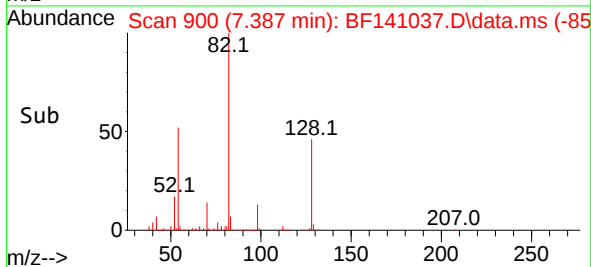
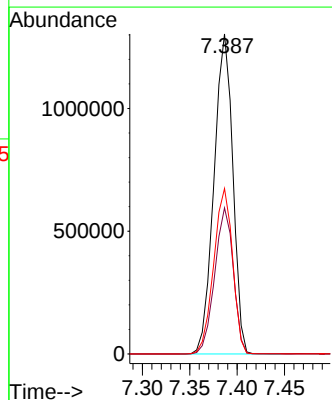
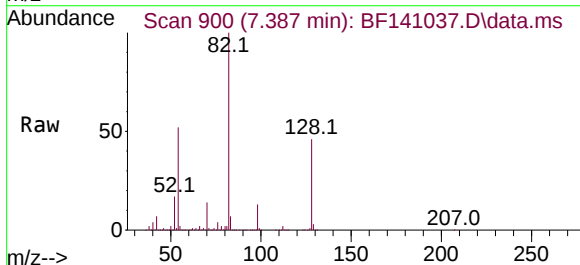
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ClientSampleId :
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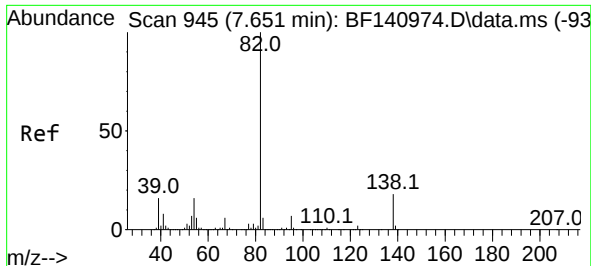
Tgt Ion:136 Resp: 1018210
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.9 7.6 11.4
68 6.8 5.6 8.4



#23
Nitrobenzene-d5
Concen: 113.418 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion: 82 Resp: 1805058
Ion Ratio Lower Upper
82 100
128 45.6 34.4 51.6
54 51.7 42.4 63.6

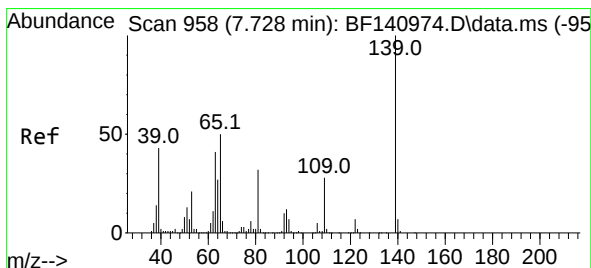
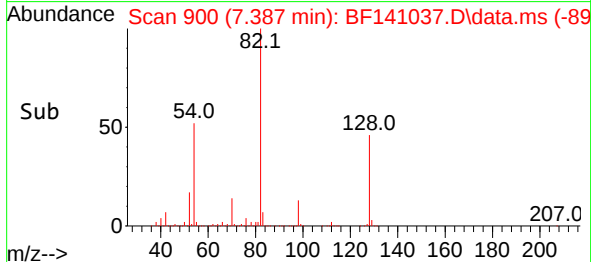
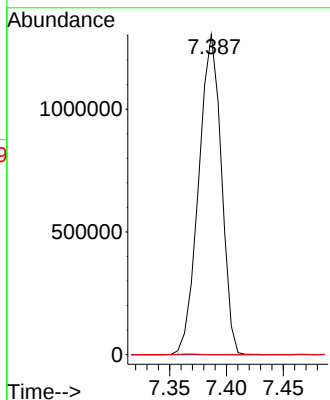
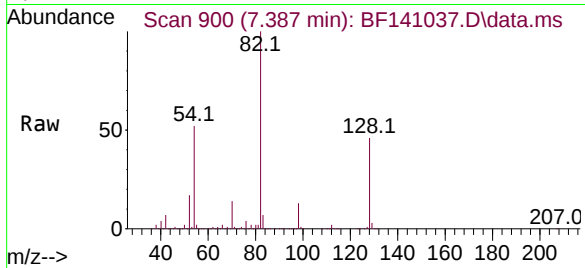




#25
Isophorone
Concen: 51.810 ng
RT: 7.387 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

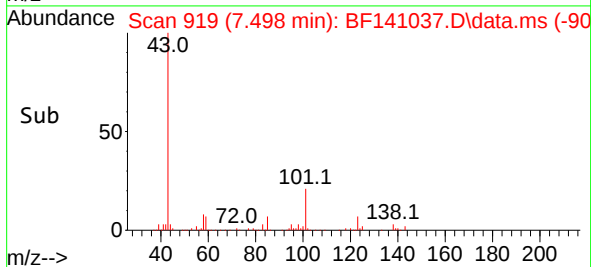
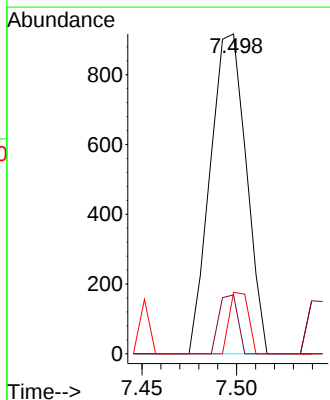
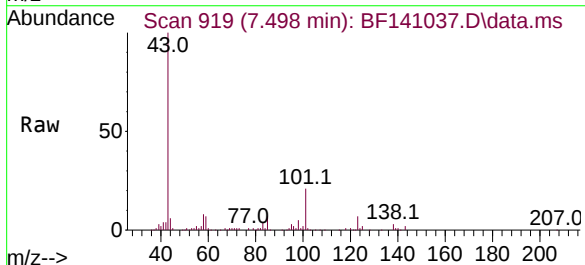
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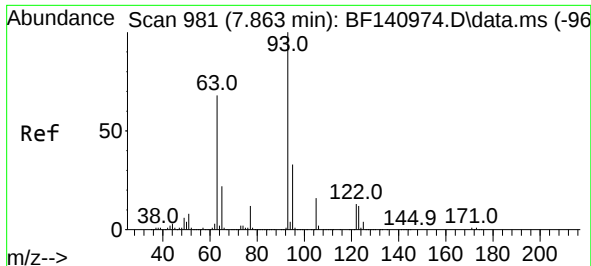
Tgt Ion: 82 Resp: 1794274
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 21.8#



#26
2-Nitrophenol
Concen: 5.449 ng
RT: 7.498 min Scan# 919
Delta R.T. -0.230 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion:139 Resp: 1212
Ion Ratio Lower Upper
139 100
109 18.4 22.2 33.4#
65 19.2 40.2 60.4#

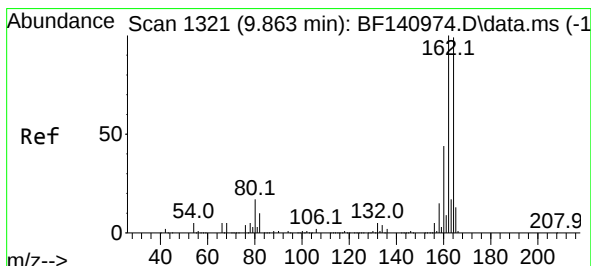
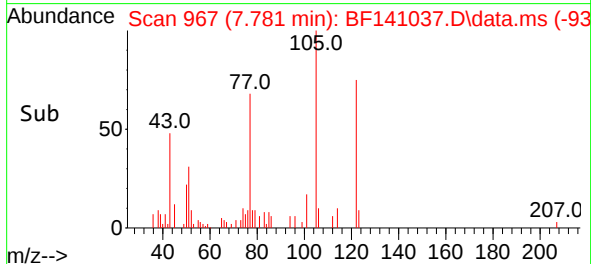
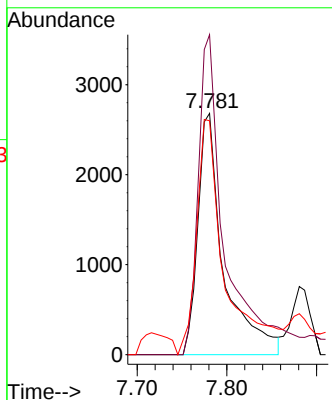
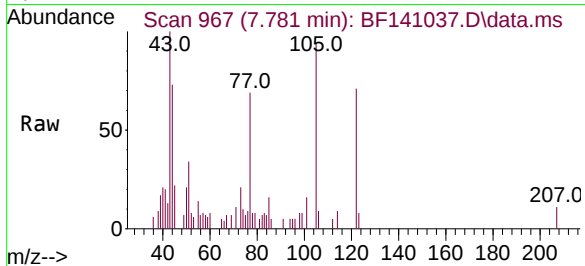




#32
Benzoic acid
Concen: 8.124 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.082 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

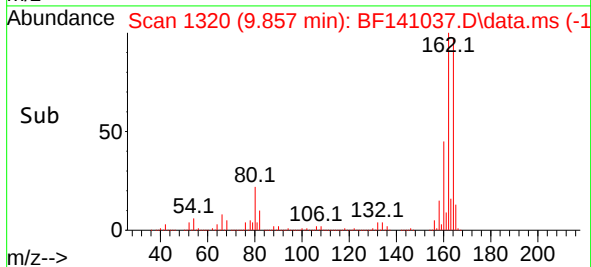
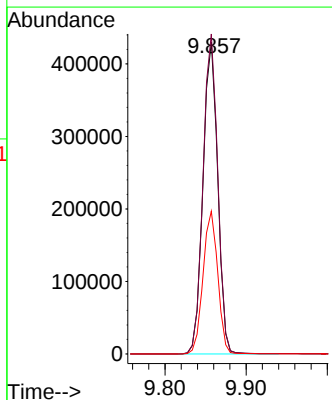
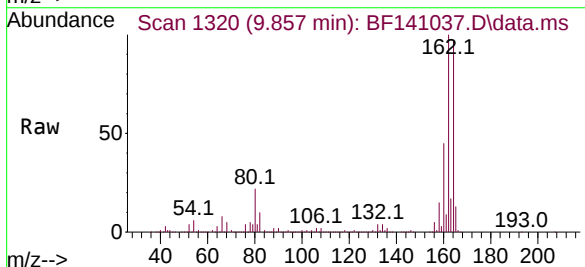
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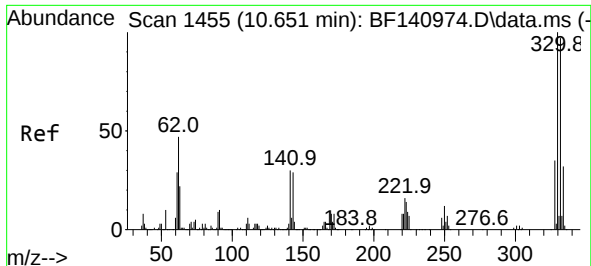
Tgt Ion:	122	Resp:	5352
Ion	Ratio	Lower	Upper
122	100		
105	132.6	105.4	145.4
77	96.9	76.4	116.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion:	164	Resp:	540893
Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	45.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 165.190 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MOO-24-00395-96

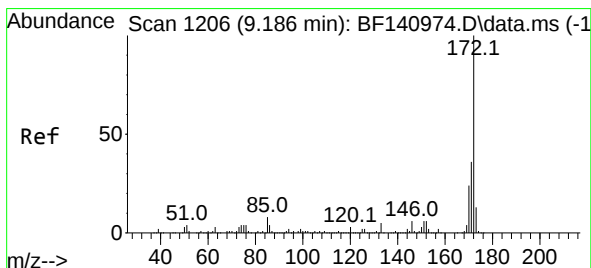
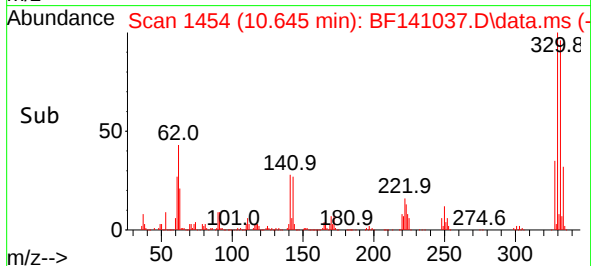
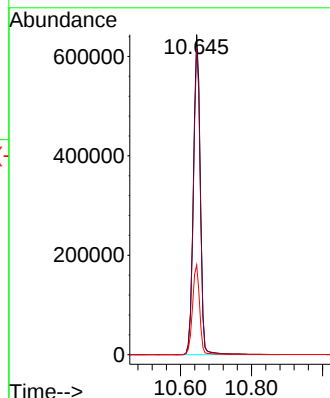
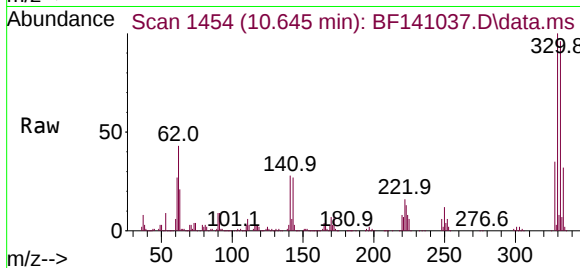
Tgt Ion:330 Resp: 868223

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 28.8 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 93.586 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

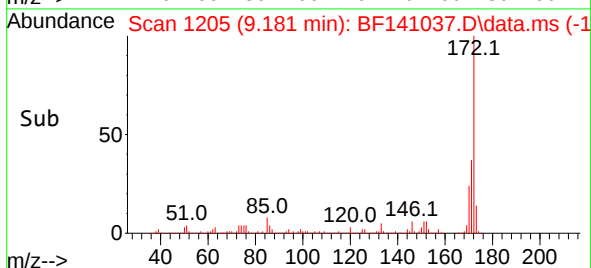
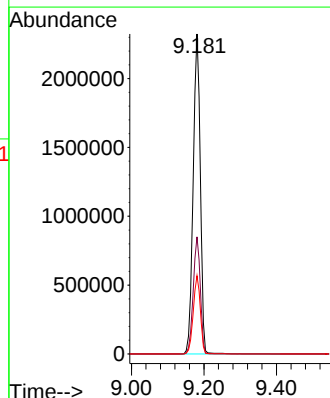
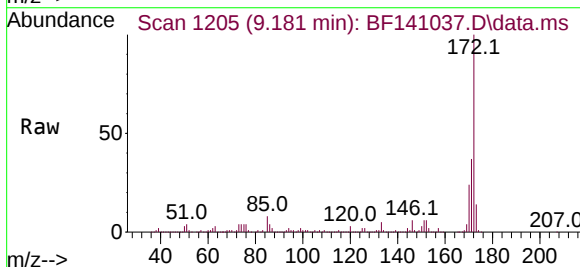
Tgt Ion:172 Resp: 3177191

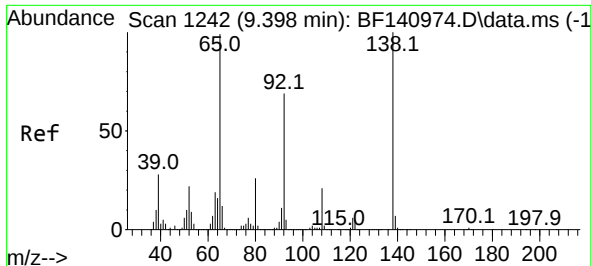
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.5 19.6 29.4

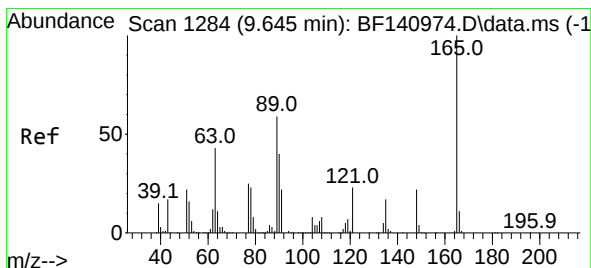
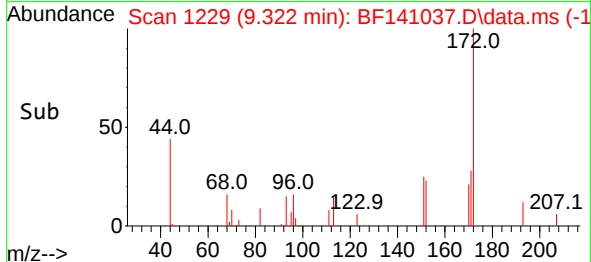
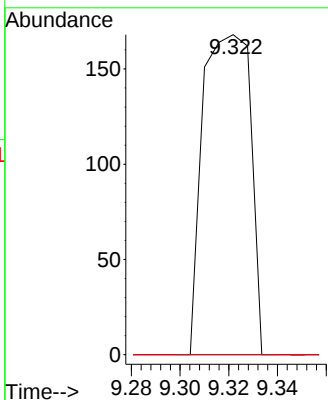
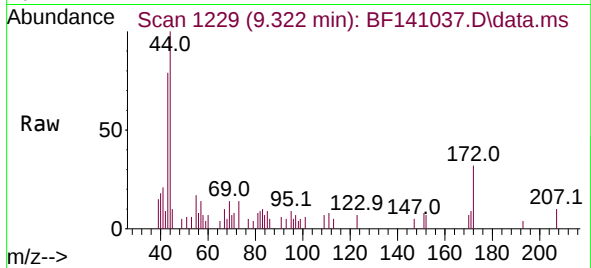




#48
2-Nitroaniline
Concen: 4.668 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.076 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

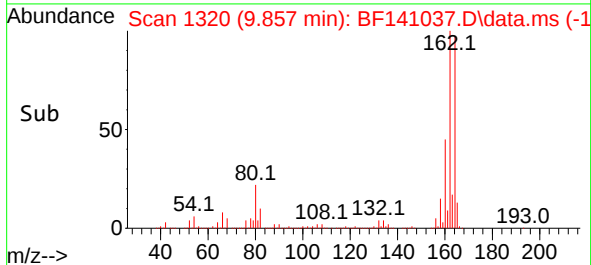
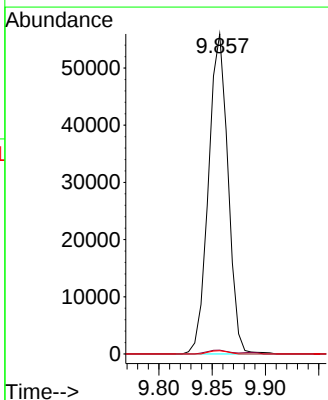
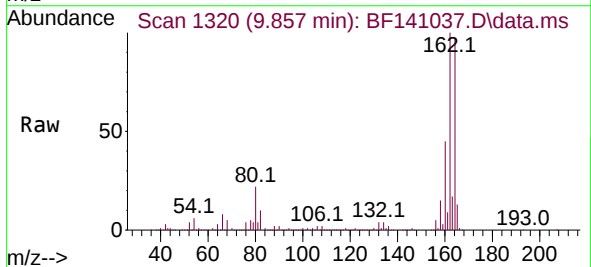
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

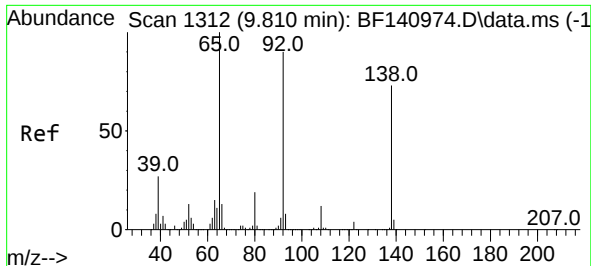
Tgt Ion: 65 Resp: 228
Ion Ratio Lower Upper
65 100
92 0.0 55.6 83.4#
138 0.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 12.719 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion: 165 Resp: 71190
Ion Ratio Lower Upper
165 100
63 1.2 47.1 70.7#
89 1.0 47.0 70.4#

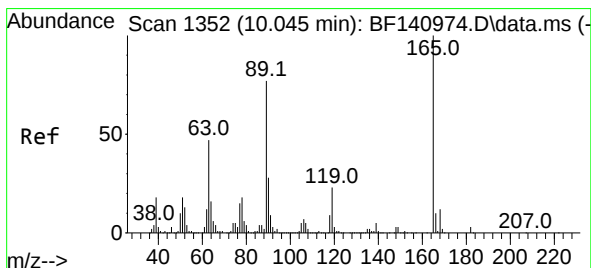
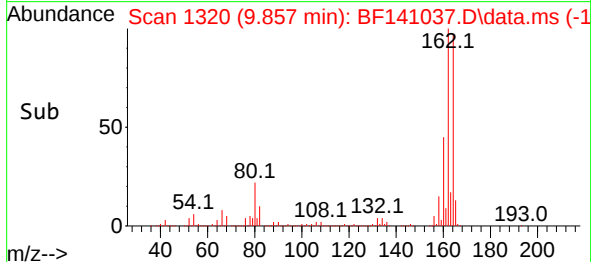
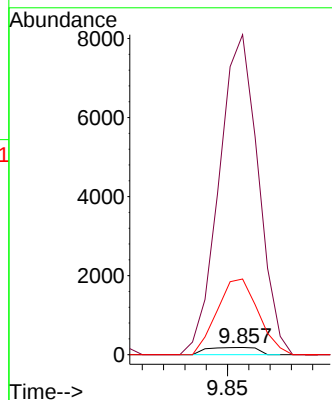
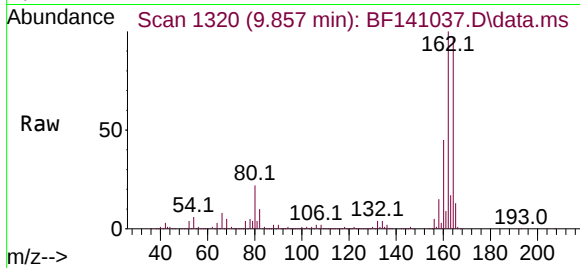




#53
3-Nitroaniline
Concen: 3.300 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

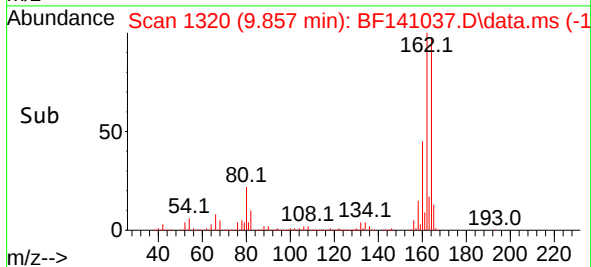
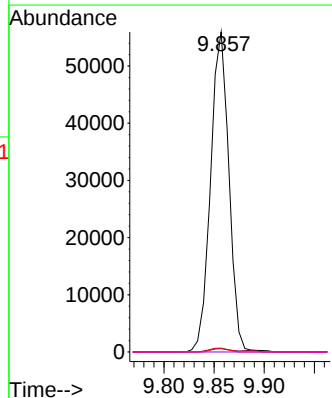
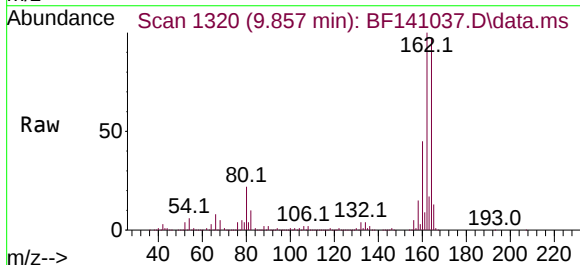
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

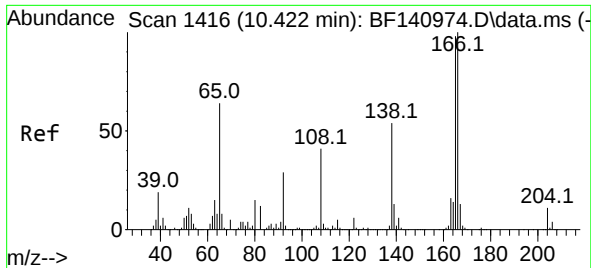
Tgt Ion:138 Resp: 301
Ion Ratio Lower Upper
138 100
108 4448.9 13.5 20.3#
92 1052.7 97.7 146.5#



#57
2,4-Dinitrotoluene
Concen: 11.766 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion:165 Resp: 71192
Ion Ratio Lower Upper
165 100
63 1.2 38.1 57.1#
89 1.0 61.4 92.2#
182 0.0 2.1 3.1#

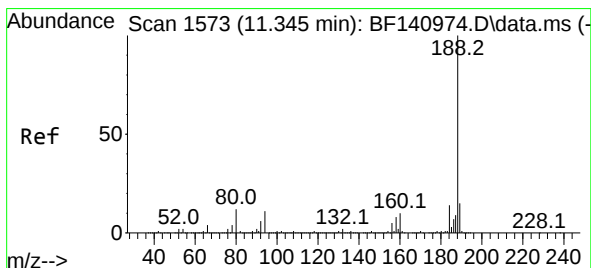
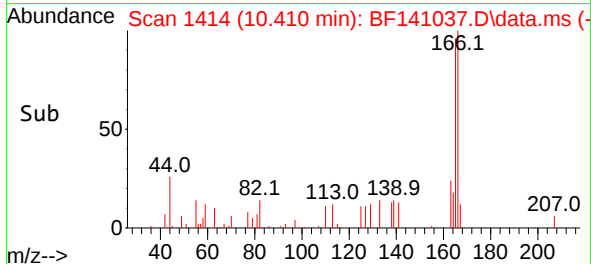
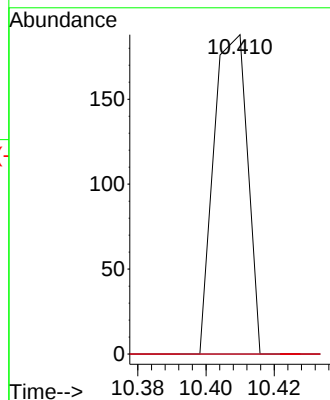
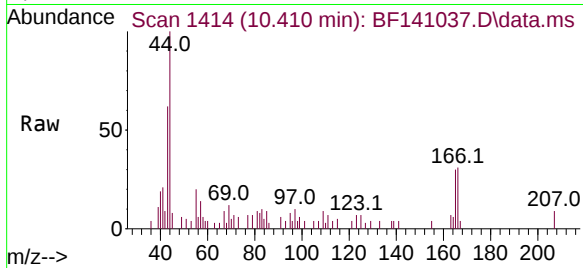




#62
4-Nitroaniline
Concen: 3.361 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

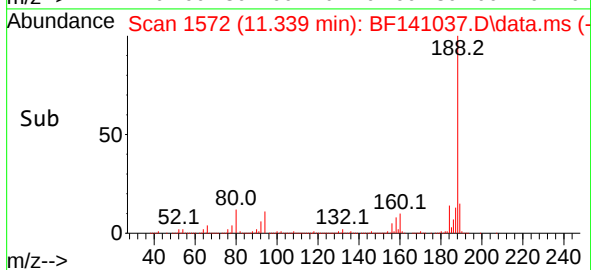
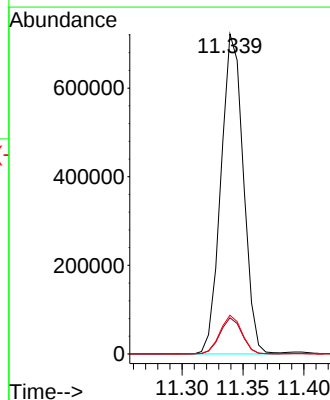
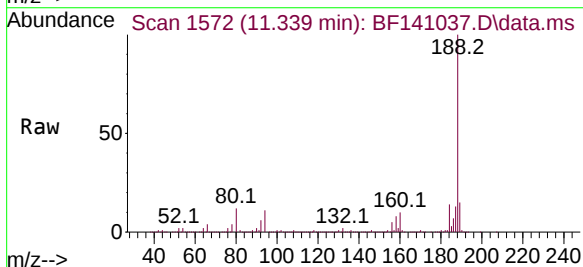
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

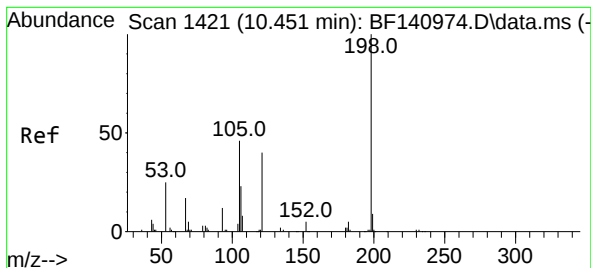
Tgt Ion:138 Resp: 128
Ion Ratio Lower Upper
138 100
92 0.0 34.8 74.8#
108 0.0 55.9 95.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion:188 Resp: 925437
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.1 9.8 14.6

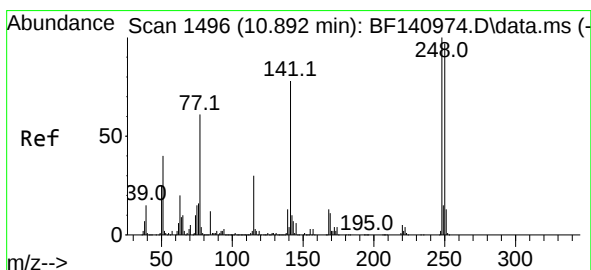
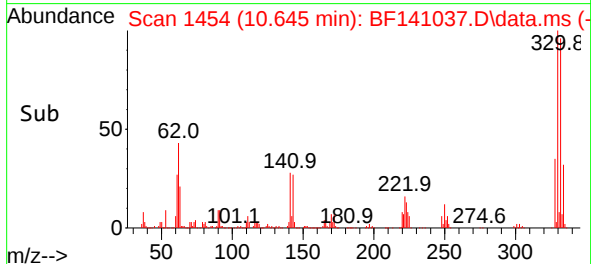
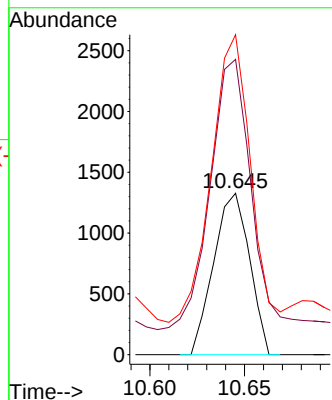
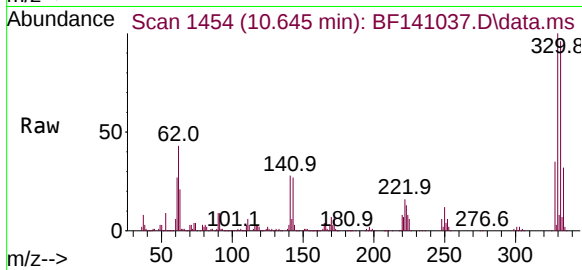




#65
4,6-Dinitro-2-methylphenol
Concen: 9.724 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.194 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

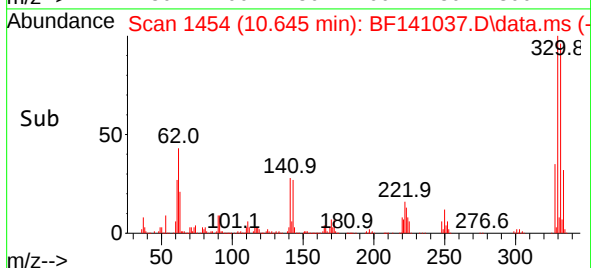
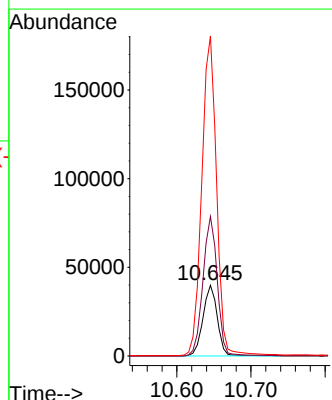
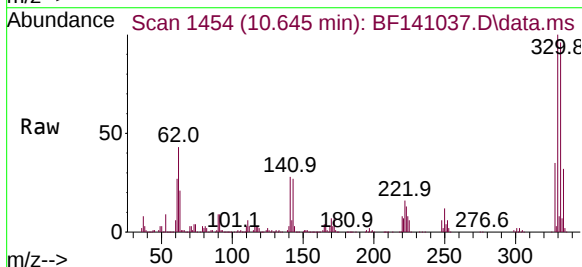
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

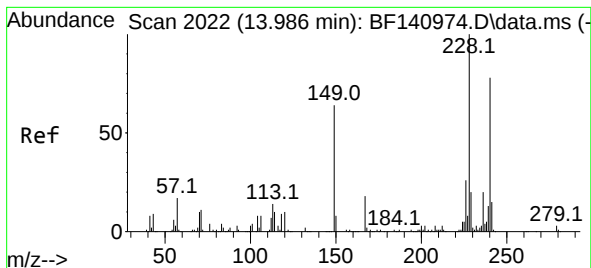
Tgt Ion:198 Resp: 1745
Ion Ratio Lower Upper
198 100
51 182.8 32.3 72.3#
105 198.1 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 5.355 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion:248 Resp: 53569
Ion Ratio Lower Upper
248 100
250 197.4 77.7 116.5#
141 452.4 62.1 93.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MOO-24-00395-96

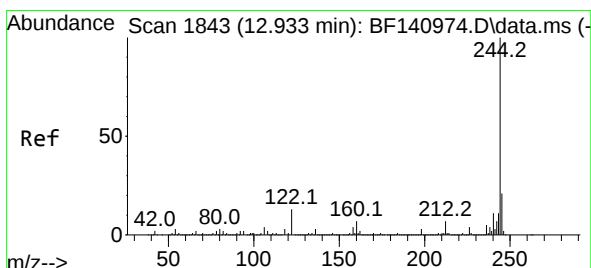
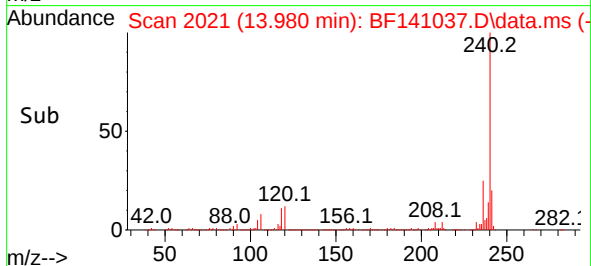
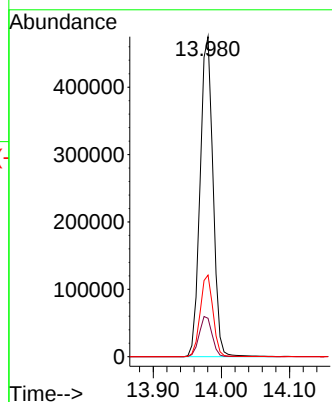
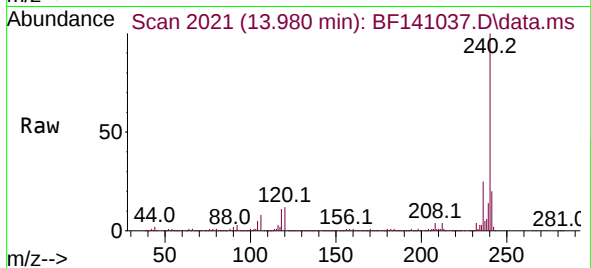
Tgt Ion:240 Resp: 625287

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 99.916 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

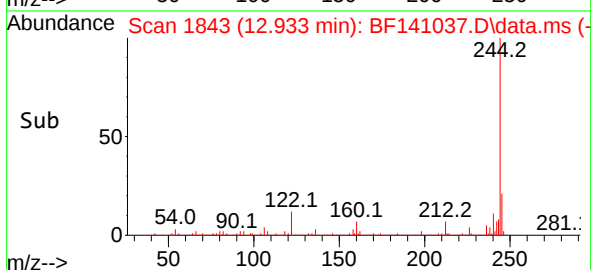
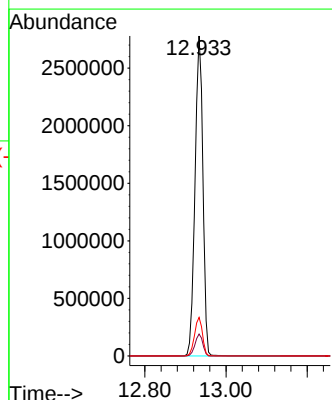
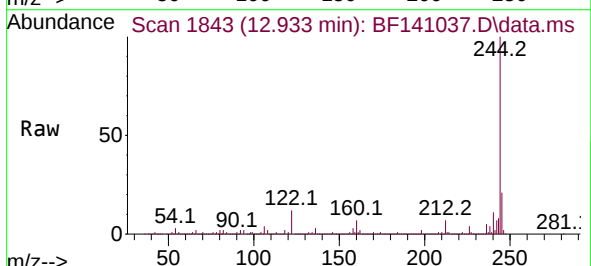
Tgt Ion:244 Resp: 3761383

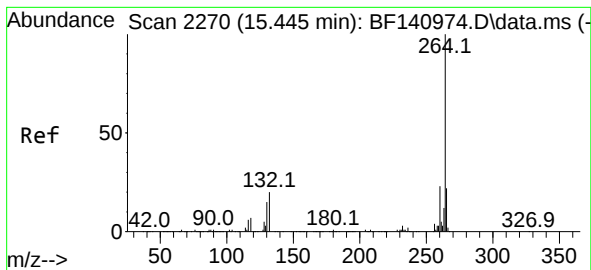
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.1 10.2 15.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141037.D
 Acq: 30 Dec 2024 18:06

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00395-96

Tgt Ion:264 Resp: 502783
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.7 17.4 26.2

