

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141052.D
 Acq On : 31 Dec 2024 12:16
 Operator : RC/JU
 Sample : P5398-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 352

Quant Time: Dec 31 12:47:43 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)

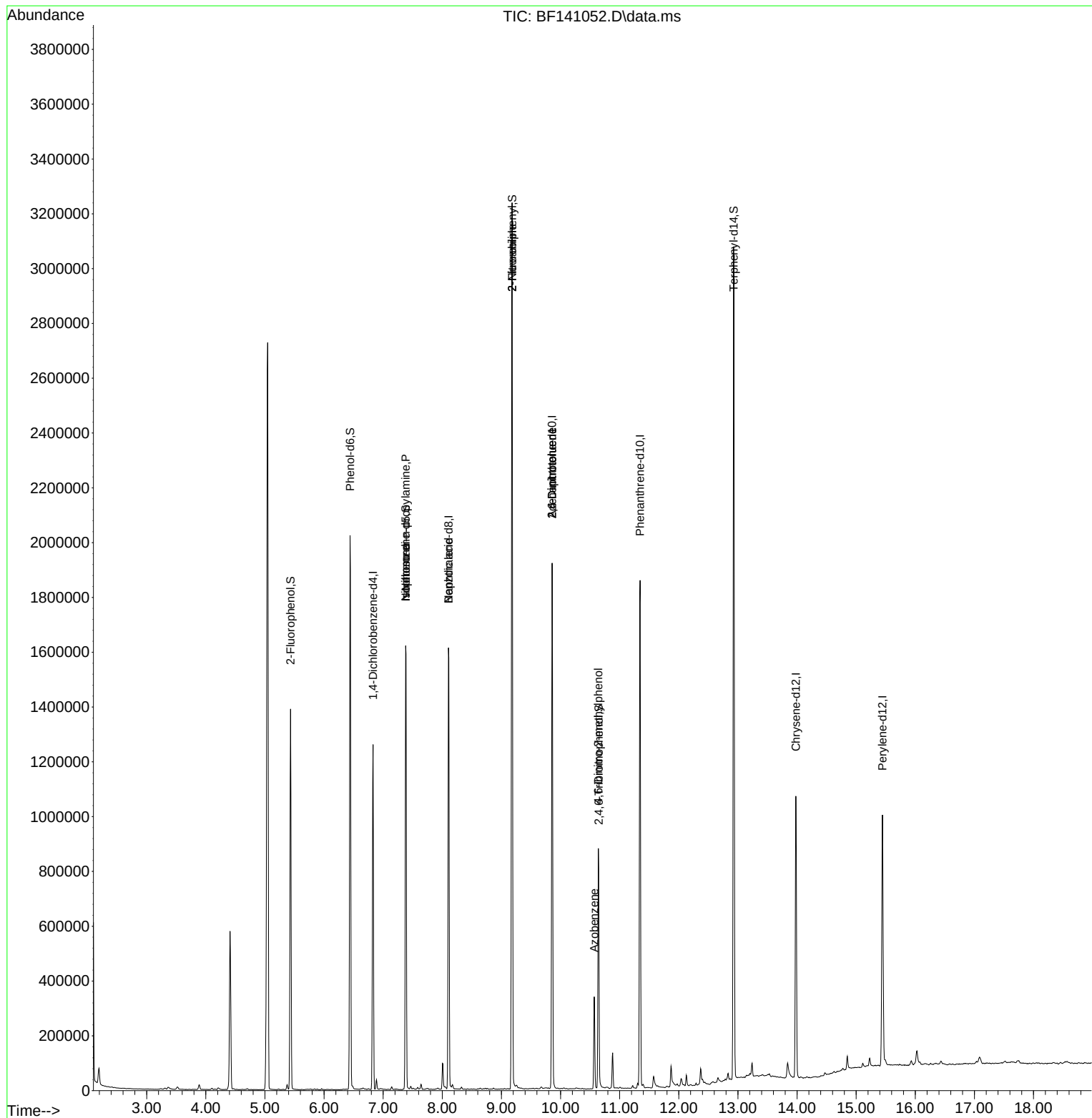
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	258654	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1024719	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	564439	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	941650	20.000	ng	0.00
76) Chrysene-d12	13.980	240	487339	20.000	ng	0.00
86) Perylene-d12	15.445	264	535691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	519012	30.247	ng	0.00
7) Phenol-d6	6.440	99	952409	43.086	ng	-0.01
23) Nitrobenzene-d5	7.381	82	720487	44.983	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	152650	27.832	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1412642	39.875	ng	0.00
79) Terphenyl-d14	12.927	244	1491268	50.827	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	115	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.381	70	96814	7.149 ng	#	79
25) Isophorone	7.381	82	716004	20.543 ng	#	65
32) Benzoic acid	8.104	122	148	7.704 ng	#	1
48) 2-Nitroaniline	9.181	65	2267	4.877 ng	#	1
51) 2,6-Dinitrotoluene	9.857	165	72337	12.481 ng	#	23
57) 2,4-Dinitrotoluene	9.857	165	72467	11.588 ng	#	21
63) Azobenzene	10.569	77	83721	2.176 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.639	198	236	9.394 ng	#	1

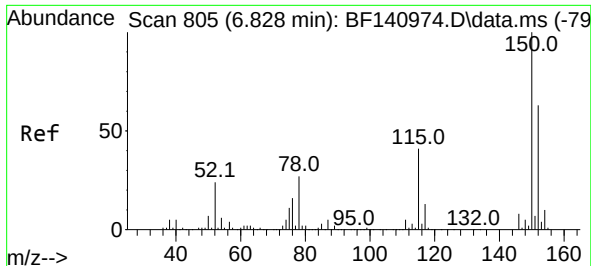
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
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Misc :
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Quant Time: Dec 31 12:47:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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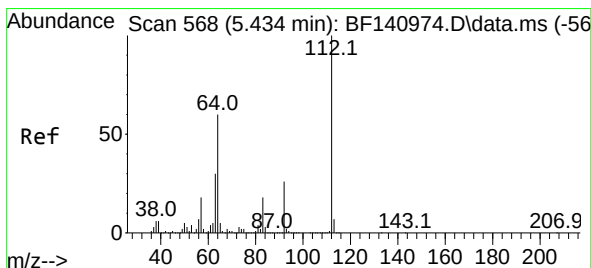
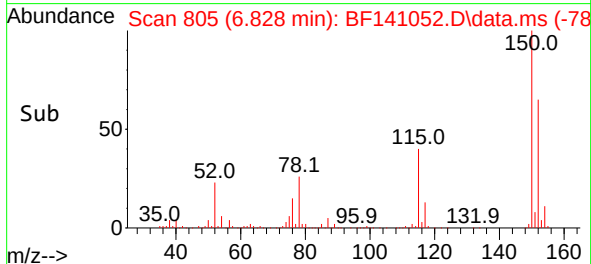
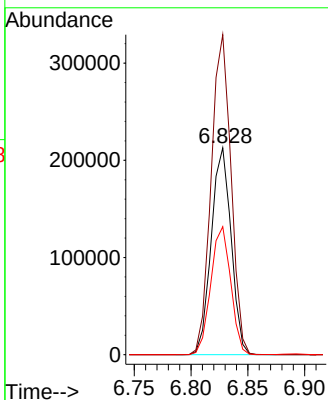
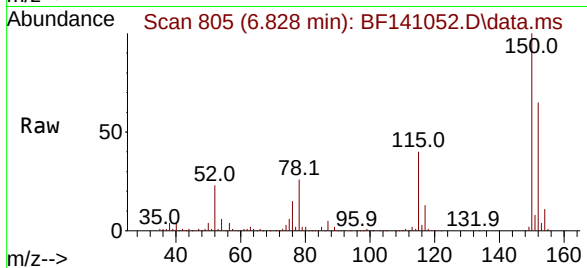




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141052.D
 Acq: 31 Dec 2024 12:16

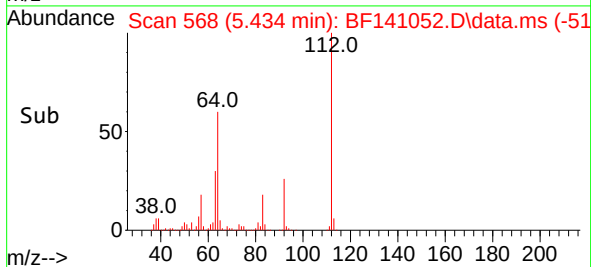
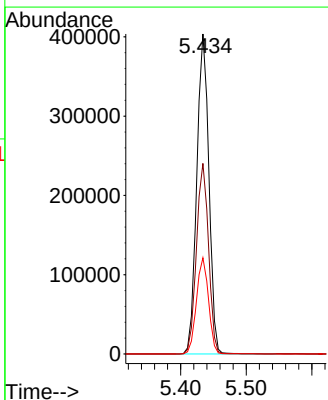
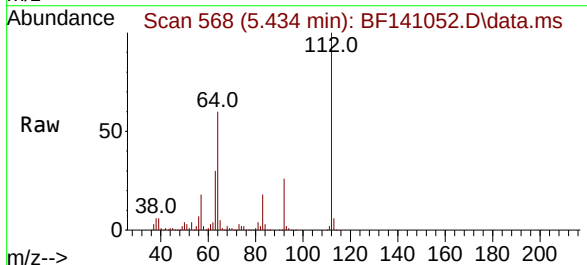
Instrument :
 BNA_F
 ClientSampleId :
 352

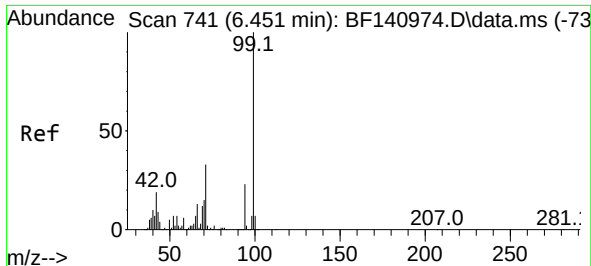
Tgt Ion:152 Resp: 258654
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.0 190.6
 115 61.9 51.7 77.5



#5
 2-Fluorophenol
 Concen: 30.247 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF141052.D
 Acq: 31 Dec 2024 12:16

Tgt Ion:112 Resp: 519012
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.7 71.5
 63 30.0 24.2 36.2

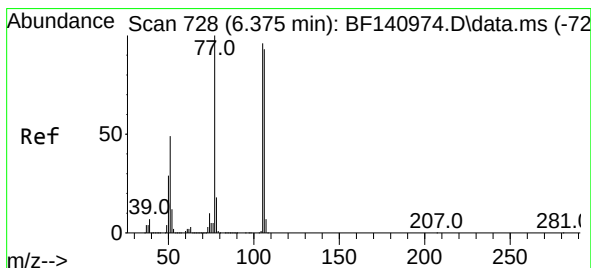
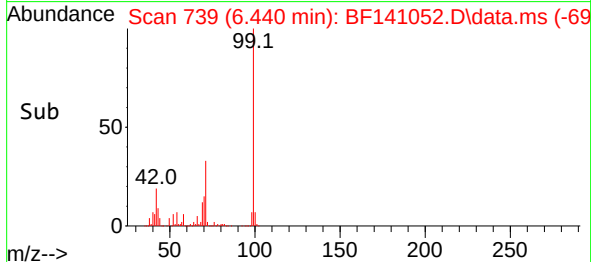
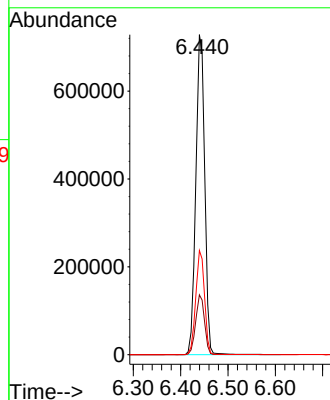
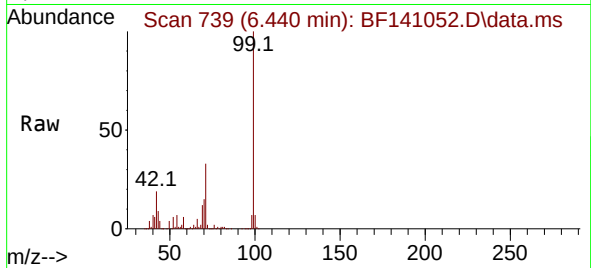




#7
Phenol-d6
Concen: 43.086 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

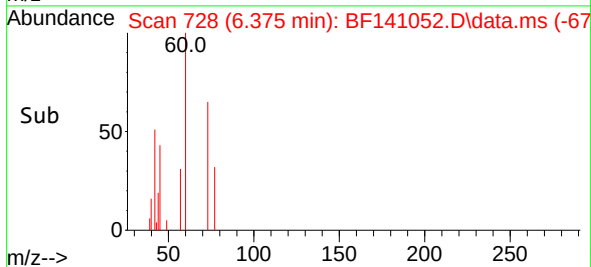
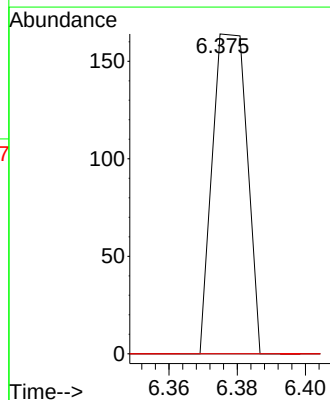
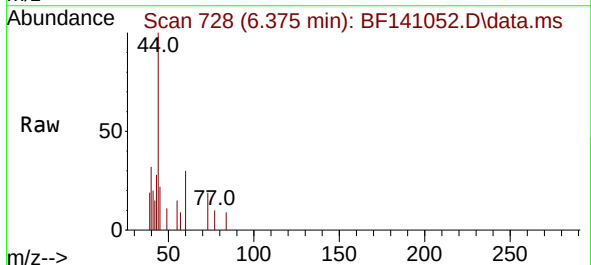
Instrument :
BNA_F
ClientSampleId :
352

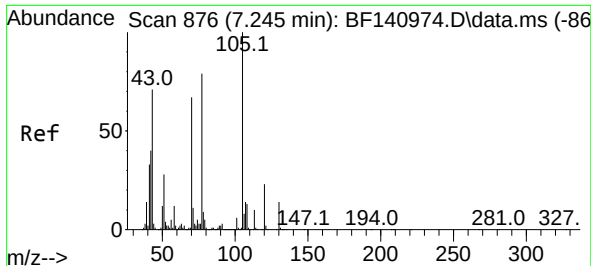
Tgt Ion: 99 Resp: 952409
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 32.5 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

Tgt Ion: 77 Resp: 115
Ion Ratio Lower Upper
77 100
105 0.0 76.2 116.2#
106 0.0 73.4 113.4#

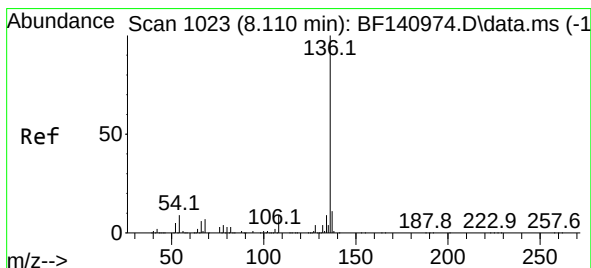
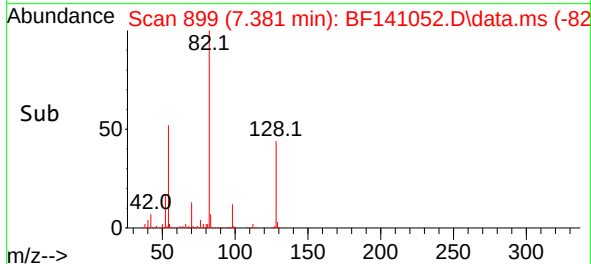
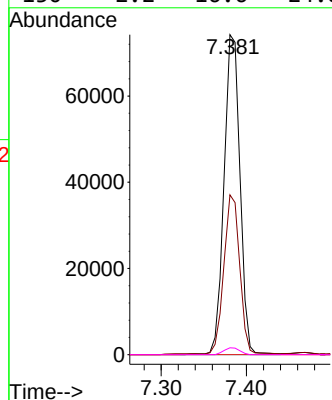
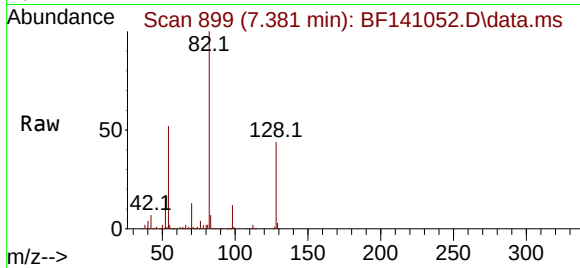




#19
n-Nitroso-di-n-propylamine
Concen: 7.149 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

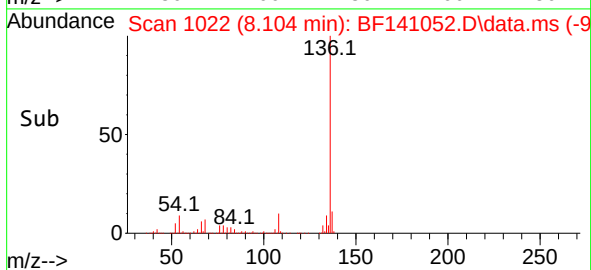
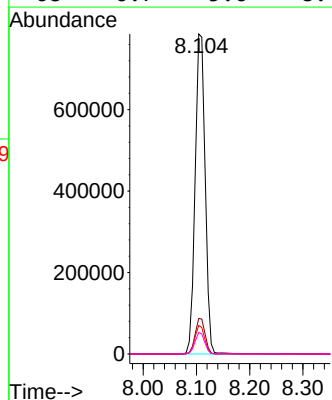
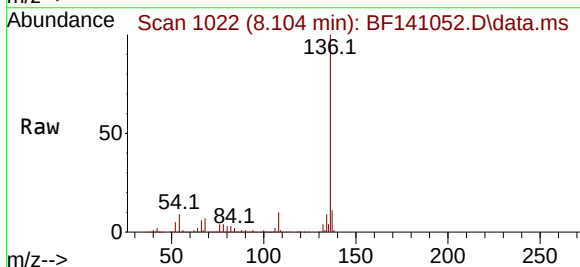
Instrument :
BNA_F
ClientSampleId :
352

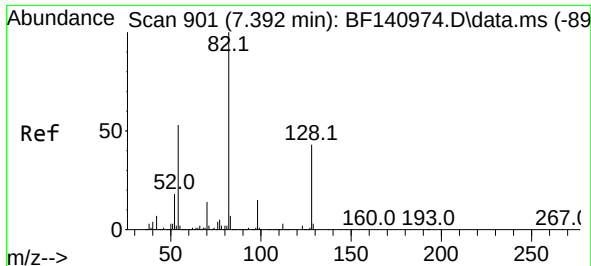
Tgt Ion:	70	Resp:	96814
Ion	Ratio	Lower	Upper
70	100		
42	49.9	48.1	72.1
101	0.0	7.6	11.4#
130	2.2	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

Tgt Ion:	136	Resp:	1024719
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.9	7.6	11.4
68	6.7	5.6	8.4





#23

Nitrobenzene-d5

Concen: 44.983 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

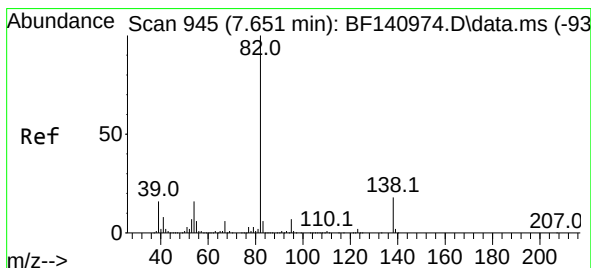
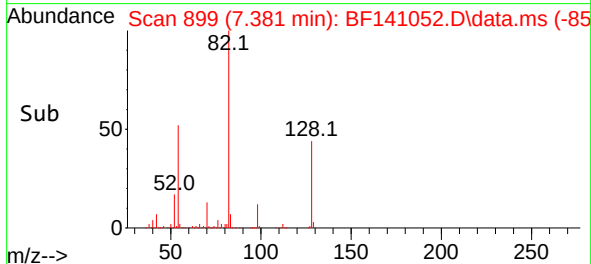
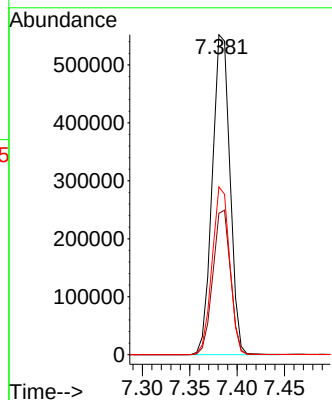
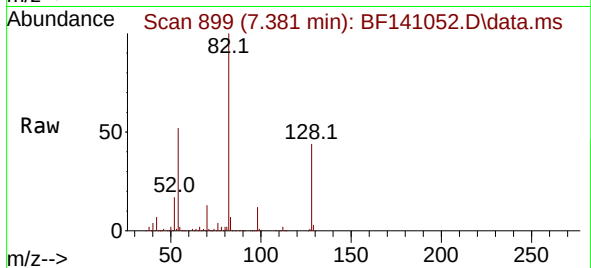
Tgt Ion: 82 Resp: 720487

Ion Ratio Lower Upper

82 100

128 44.2 34.4 51.6

54 52.4 42.4 63.6



#25

Isophorone

Concen: 20.543 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.271 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

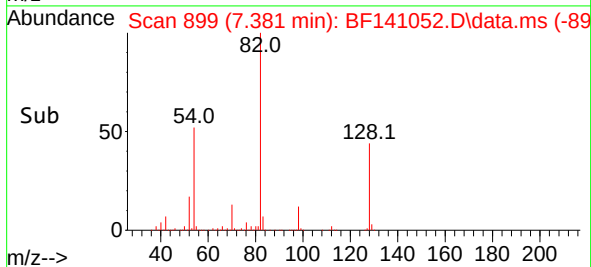
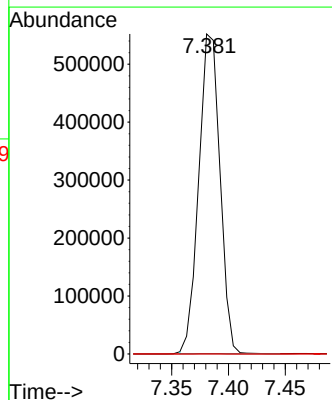
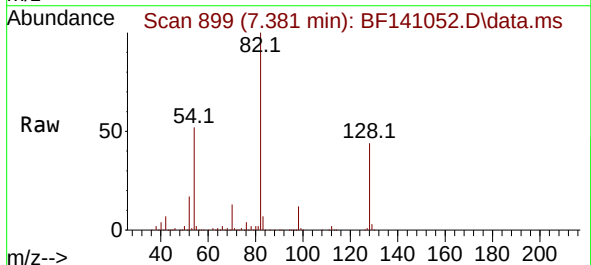
Tgt Ion: 82 Resp: 716004

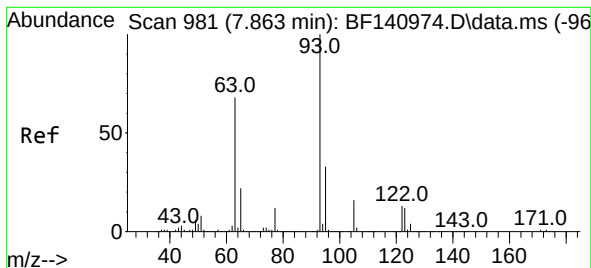
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 21.8#





#32

Benzoic acid

Concen: 7.704 ng

RT: 8.104 min Scan# 11

Delta R.T. 0.241 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

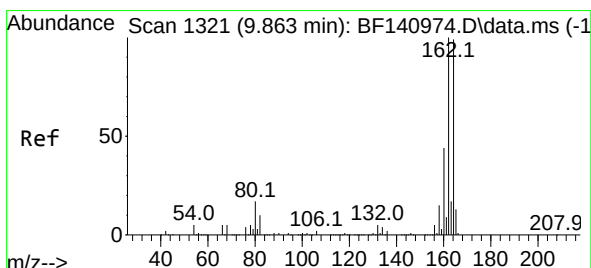
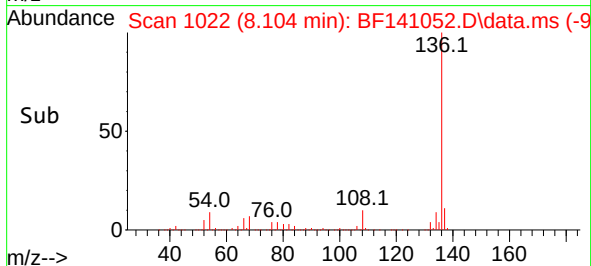
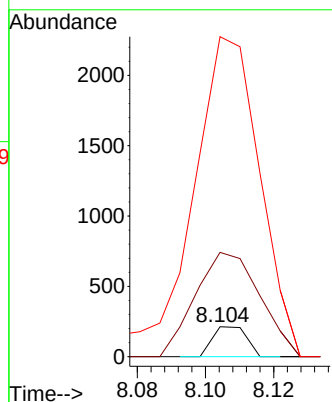
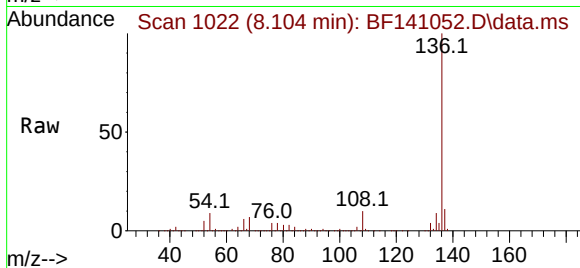
BNA_F

ClientSampleId :

352

Tgt Ion:122 Resp: 148

Ion	Ratio	Lower	Upper
122	100		
105	348.4	105.4	145.4#
77	1068.1	76.4	116.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

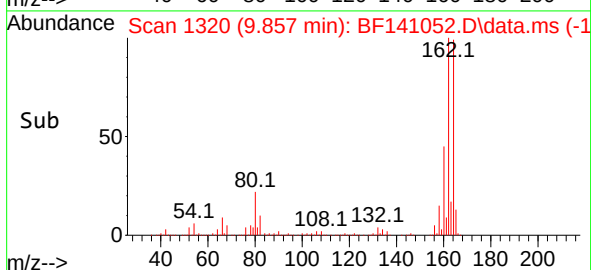
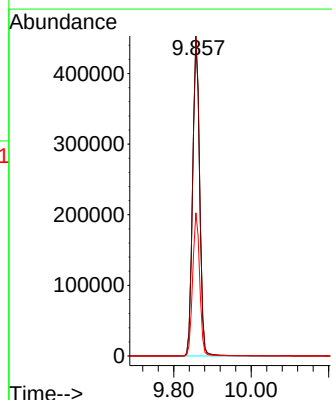
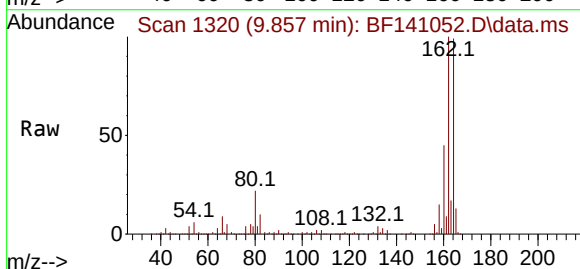
Delta R.T. -0.006 min

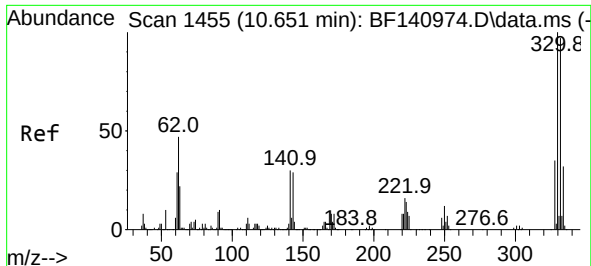
Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Tgt Ion:164 Resp: 564439

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.3	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 27.832 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

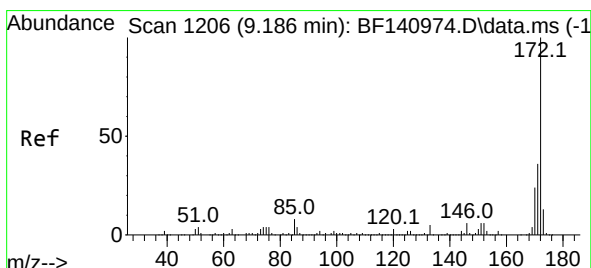
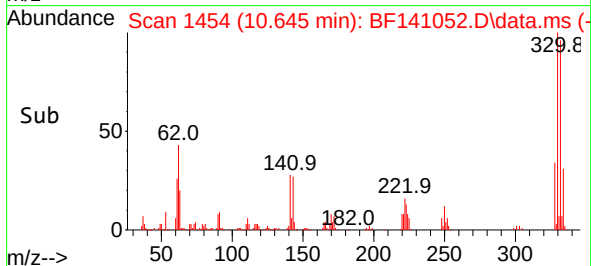
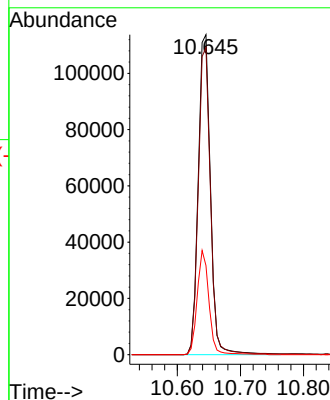
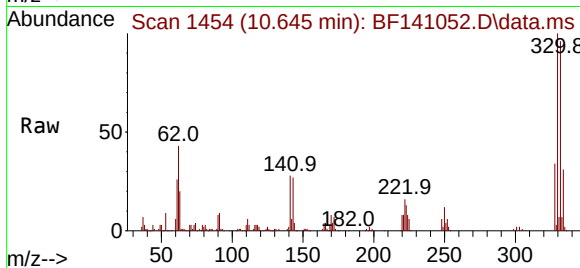
Tgt Ion:330 Resp: 152650

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 31.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 39.875 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

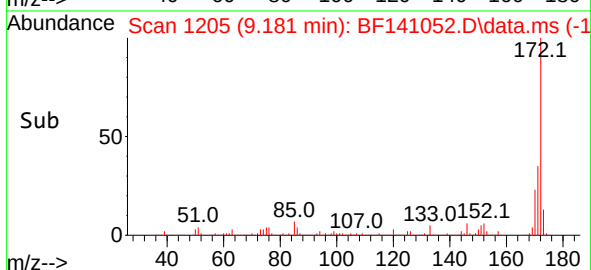
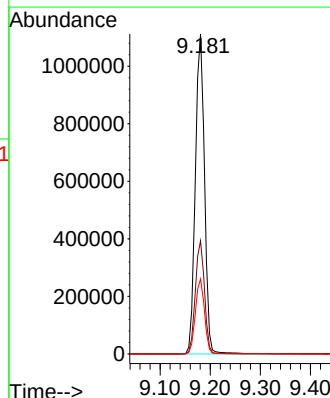
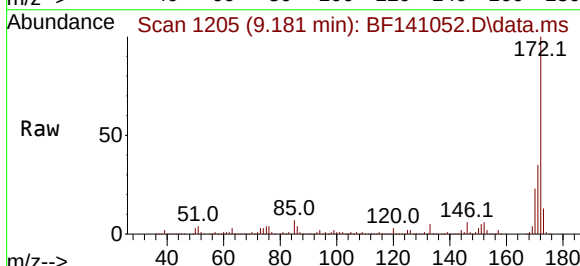
Tgt Ion:172 Resp: 1412642

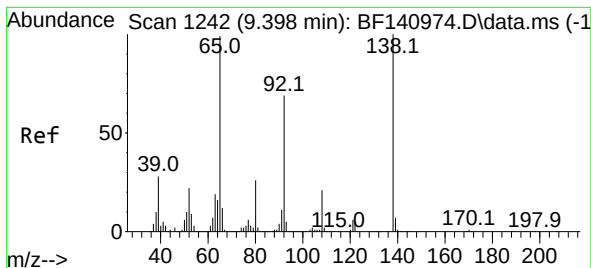
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 23.5 19.6 29.4





#48

2-Nitroaniline

Concen: 4.877 ng

RT: 9.181 min Scan# 11

Delta R.T. -0.217 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

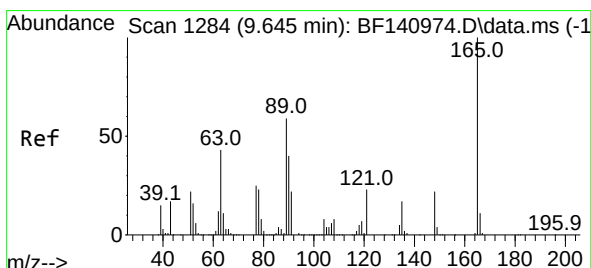
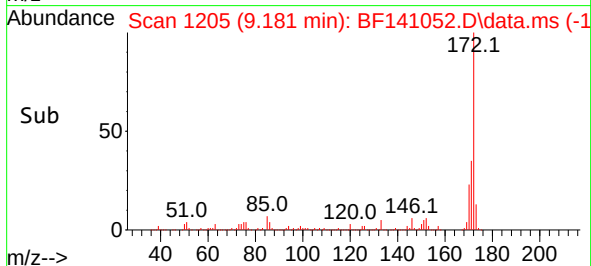
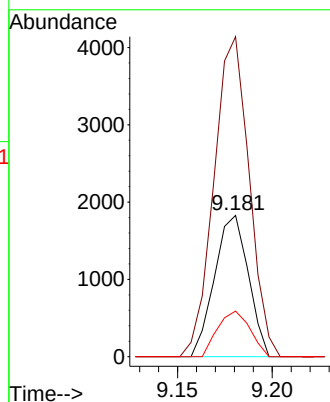
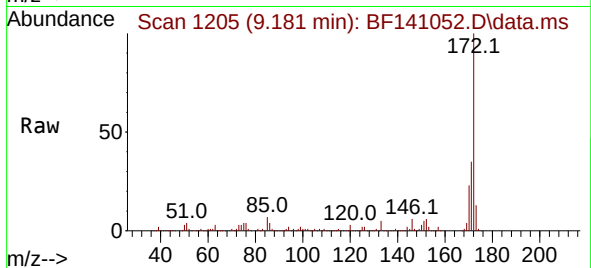
Tgt Ion: 65 Resp: 2267

Ion Ratio Lower Upper

65 100

92 226.4 55.6 83.4#

138 32.3 80.5 120.7#



#51

2,6-Dinitrotoluene

Concen: 12.481 ng

RT: 9.857 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

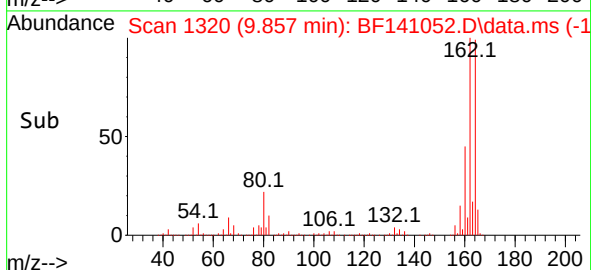
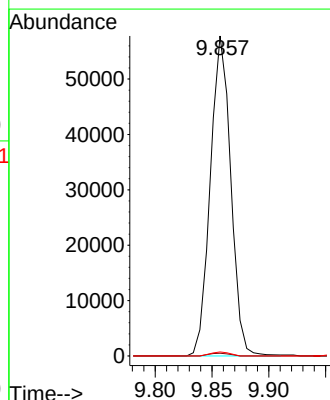
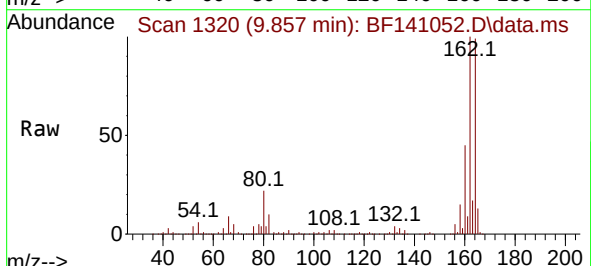
Tgt Ion:165 Resp: 72337

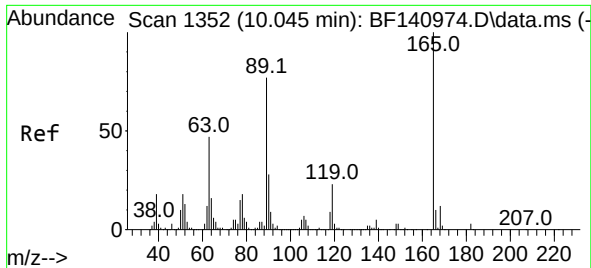
Ion Ratio Lower Upper

165 100

63 0.9 47.1 70.7#

89 1.2 47.0 70.4#

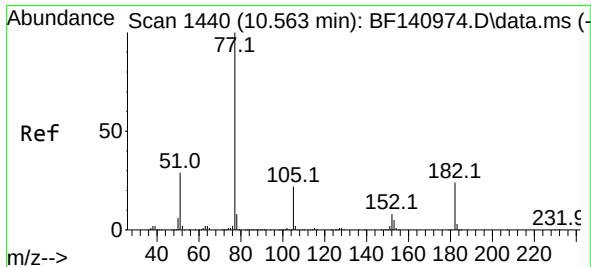
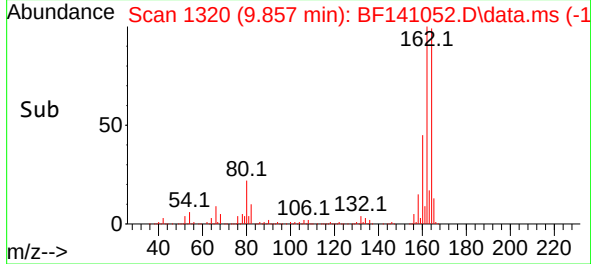
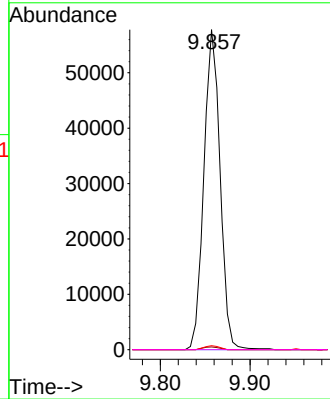
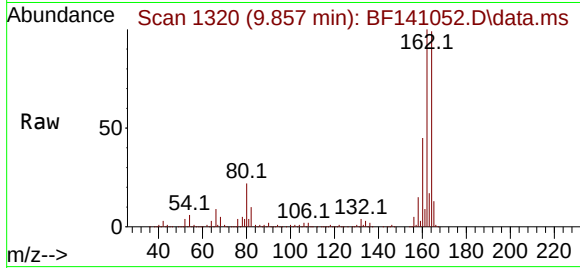




#57
 2,4-Dinitrotoluene
 Concen: 11.588 ng
 RT: 9.857 min Scan# 11
 Delta R.T. -0.188 min
 Lab File: BF141052.D
 Acq: 31 Dec 2024 12:16

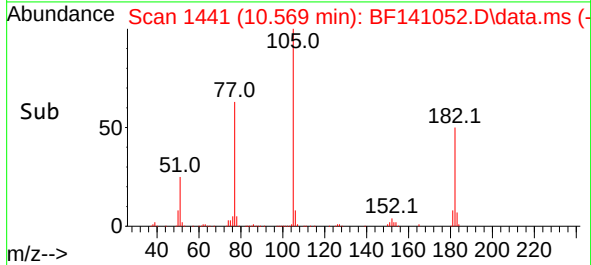
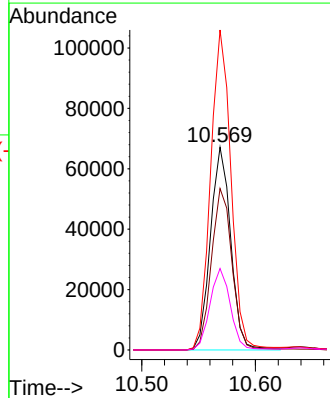
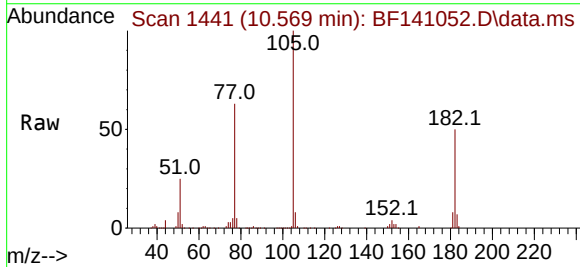
Instrument :
 BNA_F
 ClientSampleId :
 352

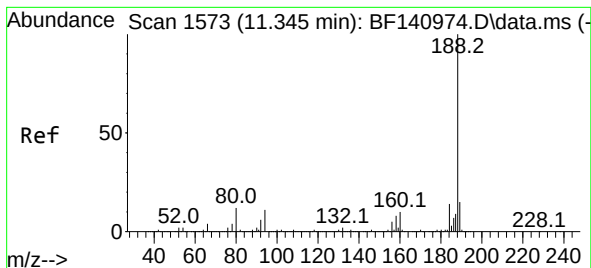
Tgt Ion:165	Resp:	72467
Ion Ratio	Lower	Upper
165	100	
63	0.9	38.1 57.1#
89	1.2	61.4 92.2#
182	0.0	2.1 3.1#



#63
 Azobenzene
 Concen: 2.176 ng
 RT: 10.569 min Scan# 1441
 Delta R.T. 0.006 min
 Lab File: BF141052.D
 Acq: 31 Dec 2024 12:16

Tgt Ion: 77	Resp:	83721
Ion Ratio	Lower	Upper
77	100	
182	79.6	4.1 44.1#
105	157.9	1.8 41.8#
51	40.2	9.7 49.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

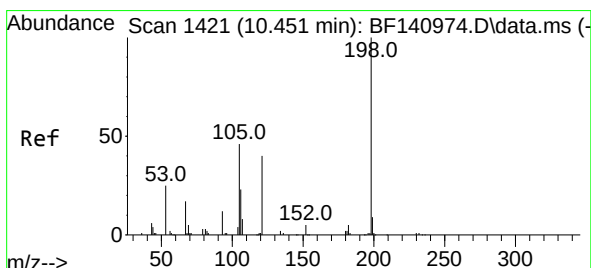
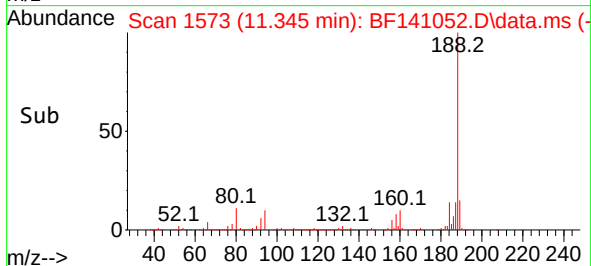
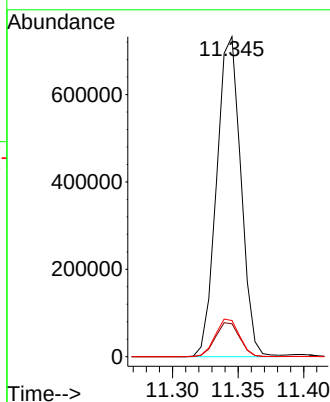
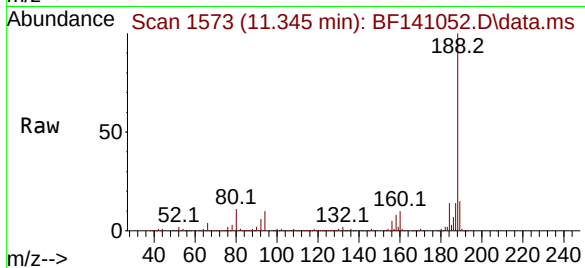
Tgt Ion:188 Resp: 941650

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.6

80 11.3 9.8 14.6



#65

4,6-Dinitro-2-methylphenol

Concen: 9.394 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

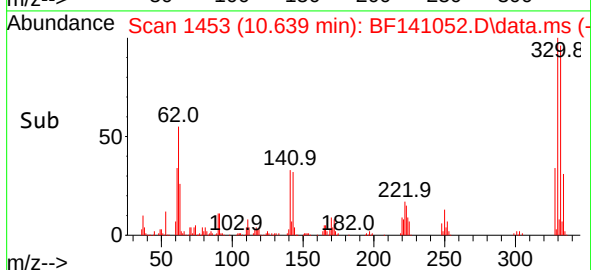
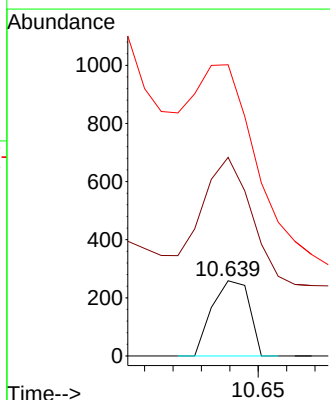
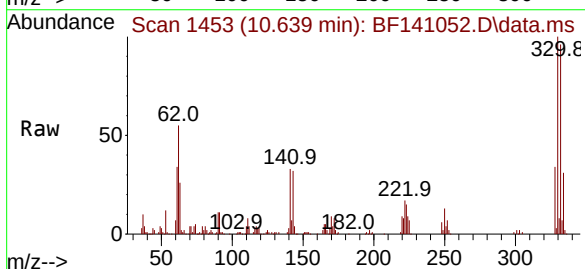
Tgt Ion:198 Resp: 236

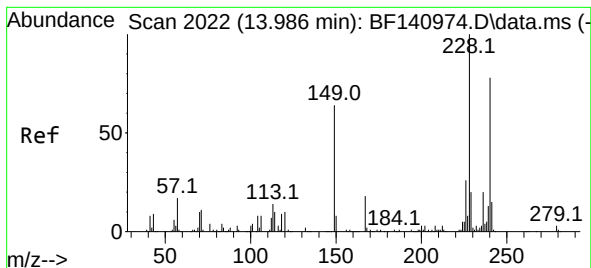
Ion Ratio Lower Upper

198 100

51 263.7 32.3 72.3#

105 386.9 28.4 68.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

Instrument :

BNA_F

ClientSampleId :

352

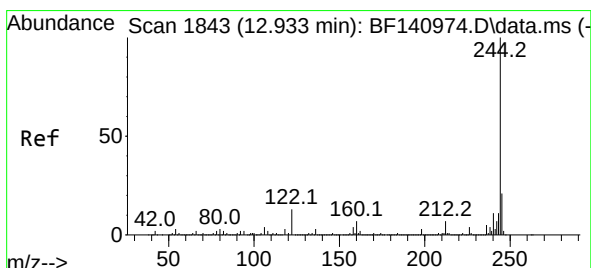
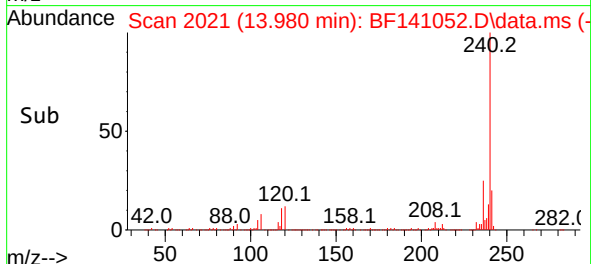
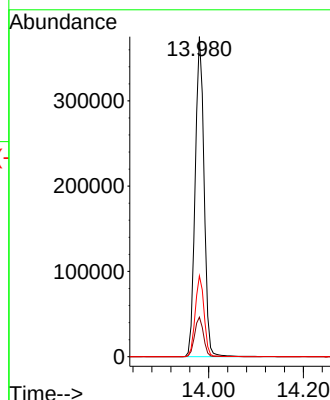
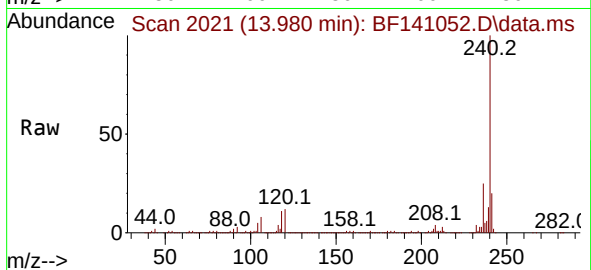
Tgt Ion:240 Resp: 487339

Ion Ratio Lower Upper

240 100

120 12.4 10.7 16.1

236 25.2 20.6 31.0



#79

Terphenyl-d14

Concen: 50.827 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF141052.D

Acq: 31 Dec 2024 12:16

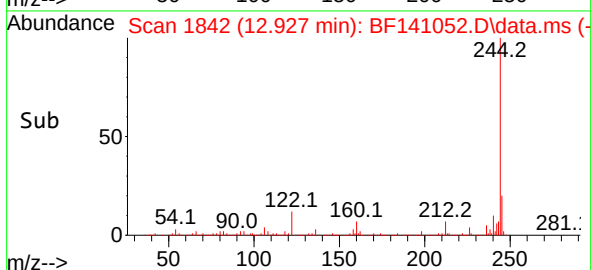
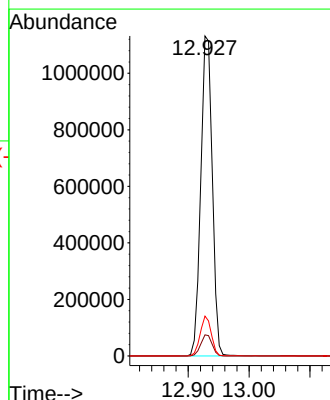
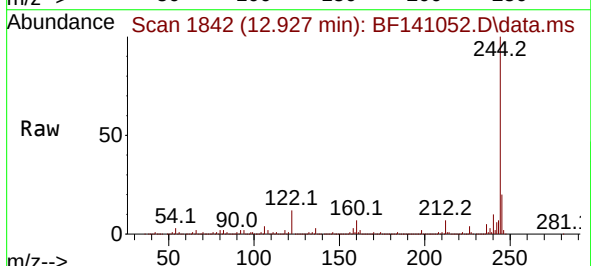
Tgt Ion:244 Resp: 1491268

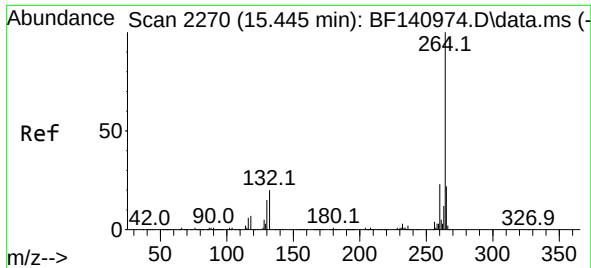
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 12.5 10.2 15.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141052.D
Acq: 31 Dec 2024 12:16

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:264 Resp: 535691
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.7 17.4 26.2

