

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
 Data File : BF141048.D
 Acq On : 31 Dec 2024 10:17
 Operator : RC/JU
 Sample : PB165790BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165790BL

Quant Time: Dec 31 10:43:48 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)

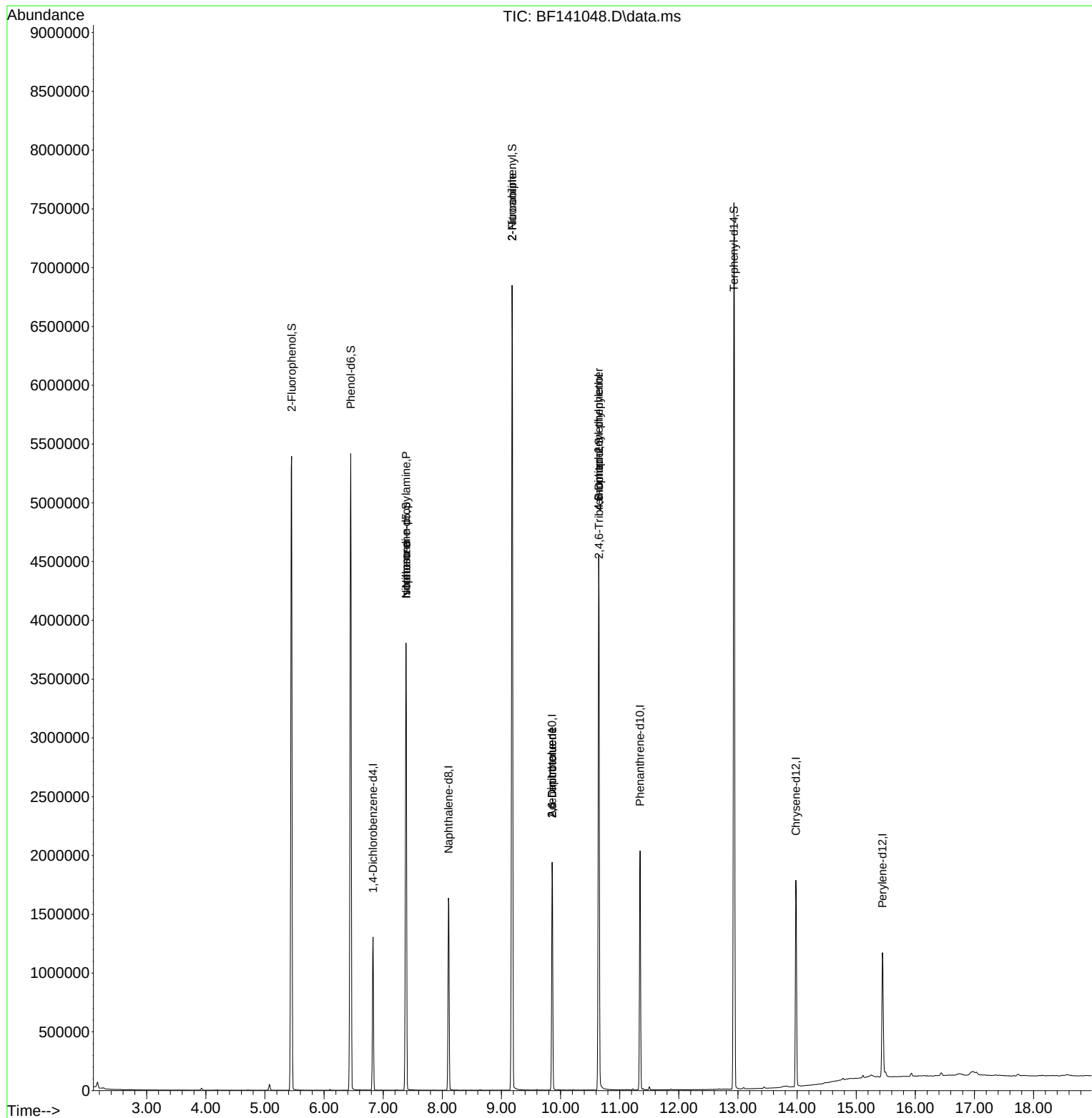
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	270516	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1079971	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	585956	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1012788	20.000	ng	0.00
76) Chrysene-d12	13.980	240	831933	20.000	ng	0.00
86) Perylene-d12	15.445	264	646759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2280112	127.053	ng	0.02
7) Phenol-d6	6.451	99	2877025	124.447	ng	0.00
23) Nitrobenzene-d5	7.386	82	1838799	108.931	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	881356	154.793	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	3234014	87.934	ng	0.00
79) Terphenyl-d14	12.933	244	4008313	80.028	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	325	Below Cal	#	69
19) n-Nitroso-di-n-propyla...	7.386	70	251213	17.737	ng	# 79
25) Isophorone	7.386	82	1827301	49.746	ng	# 65
48) 2-Nitroaniline	9.180	65	5590	5.199	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	77498	12.764	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	77499	11.802	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1921	9.727	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	55232	5.045	ng	# 1

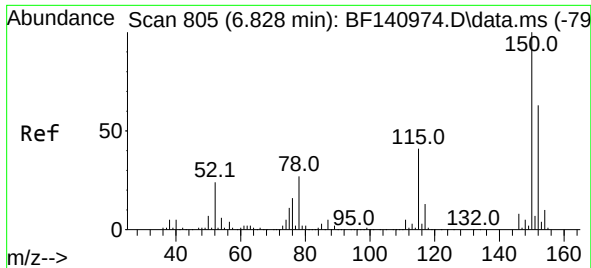
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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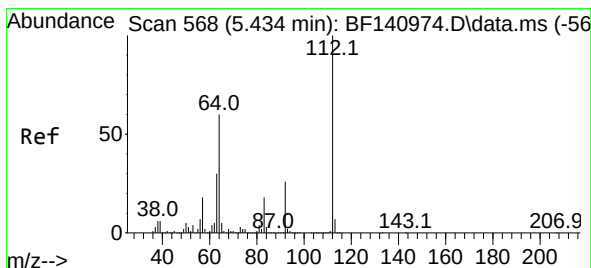
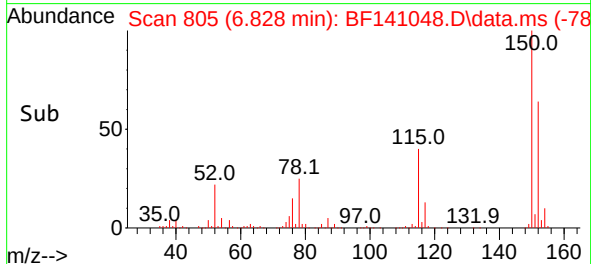
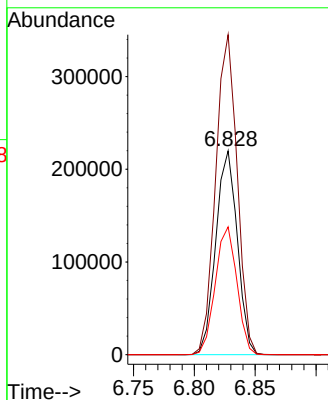
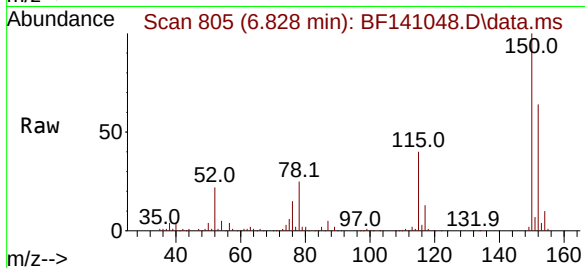




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141048.D
 Acq: 31 Dec 2024 10:17

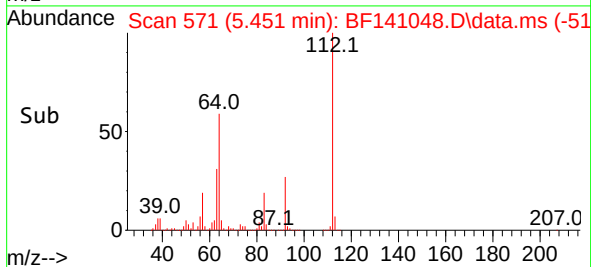
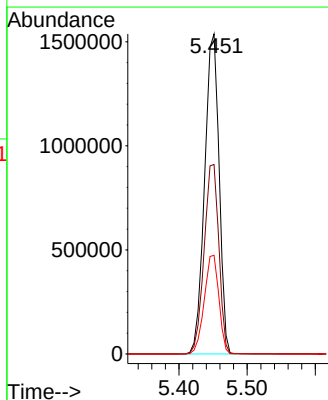
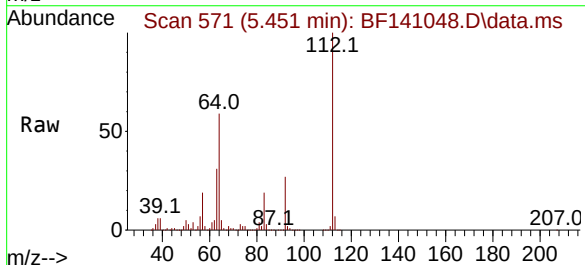
Instrument :
 BNA_F
 ClientSampleId :
 PB165790BL

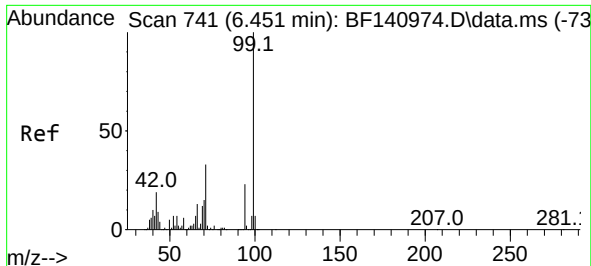
Tgt Ion:152 Resp: 270516
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.0 190.6
 115 62.7 51.7 77.5



#5
 2-Fluorophenol
 Concen: 127.053 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF141048.D
 Acq: 31 Dec 2024 10:17

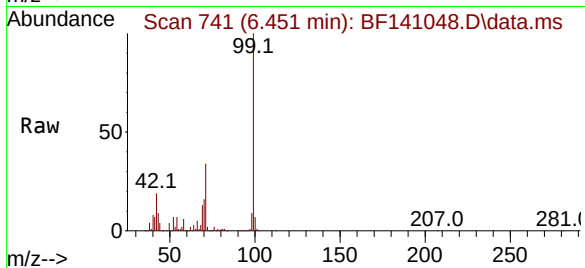
Tgt Ion:112 Resp: 2280112
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.7 71.5
 63 30.8 24.2 36.2





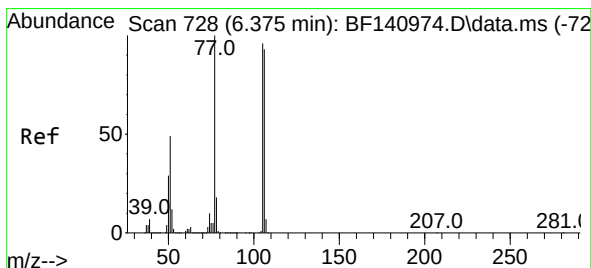
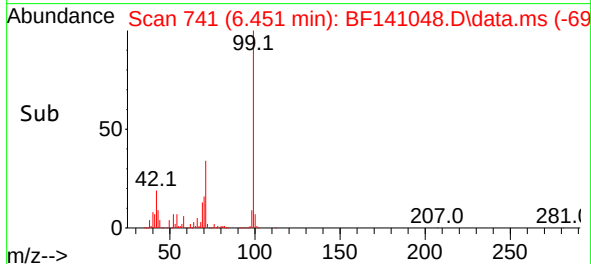
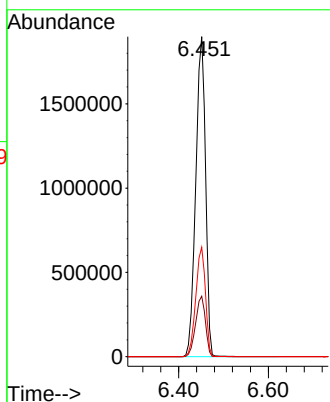
#7
Phenol-d6
Concen: 124.447 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB165790BL



Tgt Ion: 99 Resp: 2877025

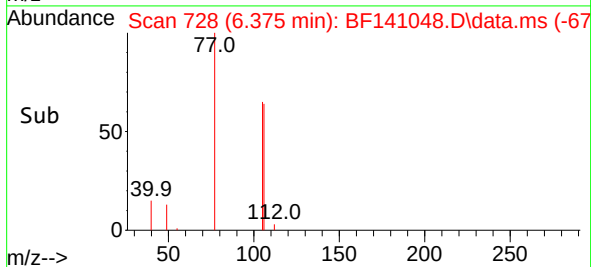
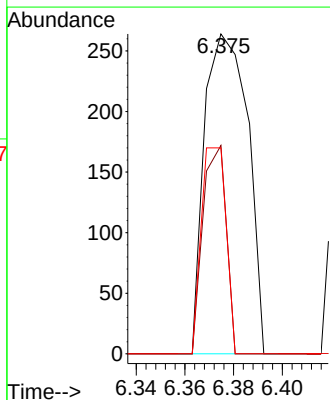
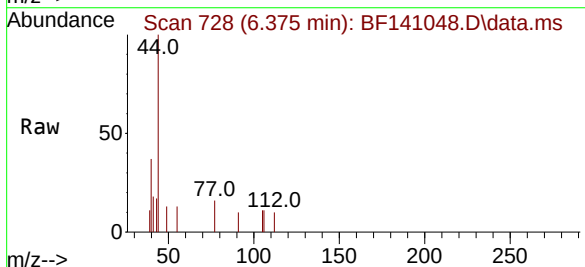
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	34.2	26.2	39.2

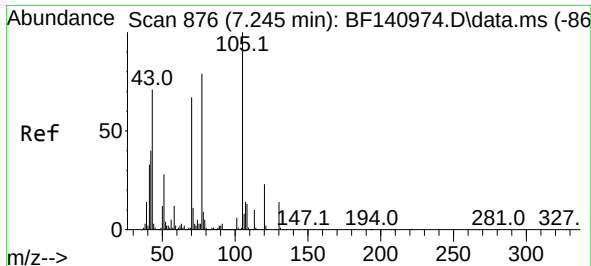


#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion: 77 Resp: 325

Ion	Ratio	Lower	Upper
77	100		
105	65.2	76.2	116.2#
106	64.4	73.4	113.4#

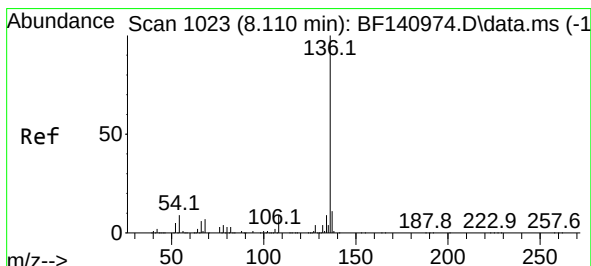
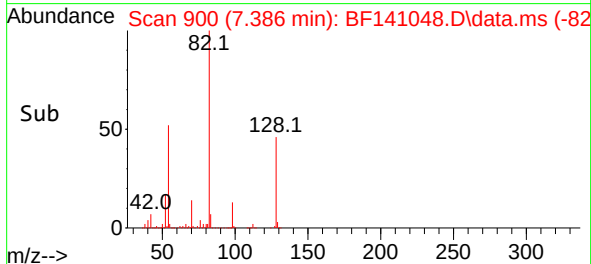
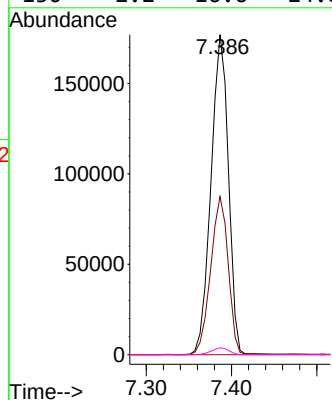
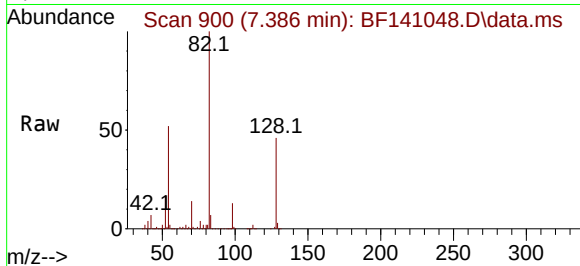




#19
n-Nitroso-di-n-propylamine
Concen: 17.737 ng
RT: 7.386 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

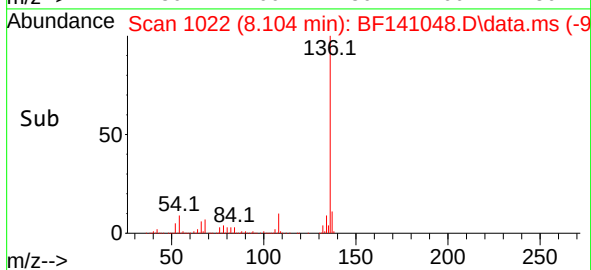
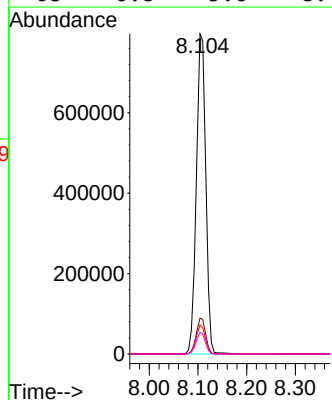
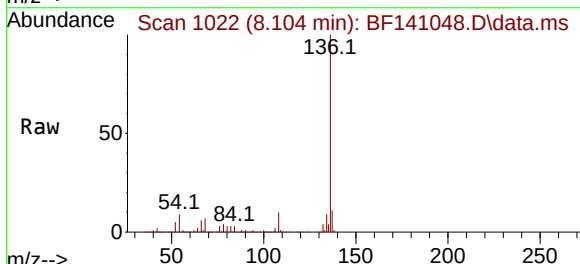
Instrument :
BNA_F
ClientSampleId :
PB165790BL

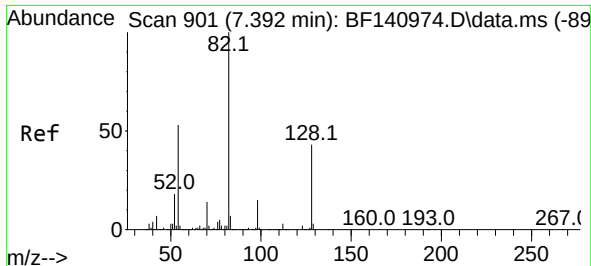
Tgt Ion: 70 Resp: 251213
Ion Ratio Lower Upper
70 100
42 49.4 48.1 72.1
101 0.0 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:136 Resp: 1079971
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.0 7.6 11.4
68 6.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 108.931 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141048.D

Acq: 31 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165790BL

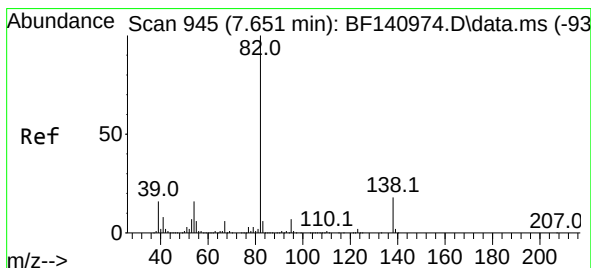
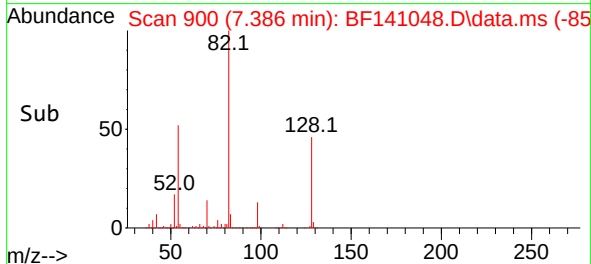
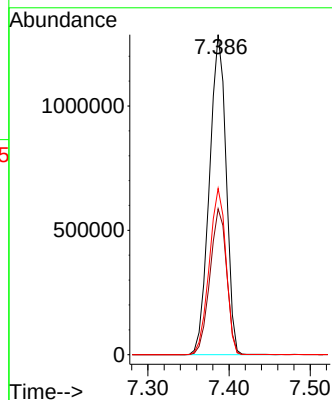
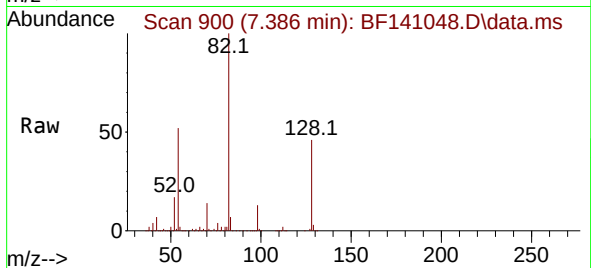
Tgt Ion: 82 Resp: 1838799

Ion Ratio Lower Upper

82 100

128 45.6 34.4 51.6

54 52.0 42.4 63.6



#25

Isophorone

Concen: 49.746 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.265 min

Lab File: BF141048.D

Acq: 31 Dec 2024 10:17

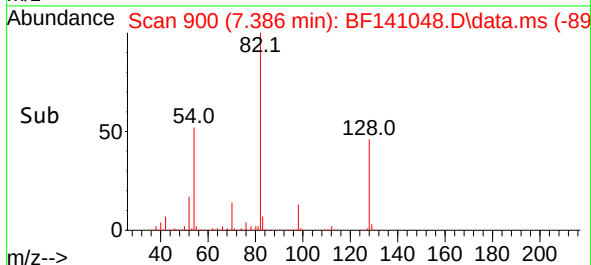
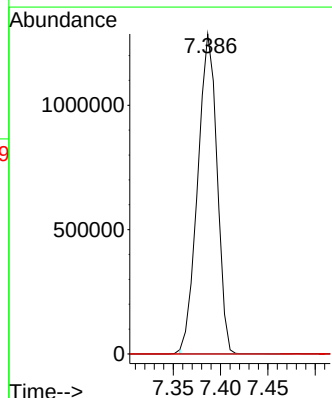
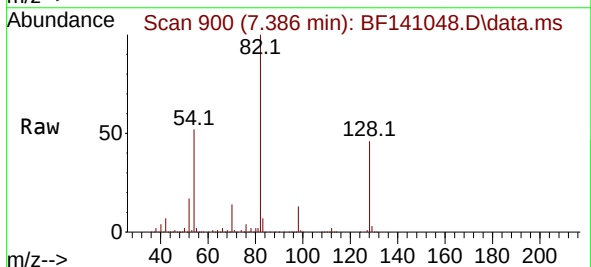
Tgt Ion: 82 Resp: 1827301

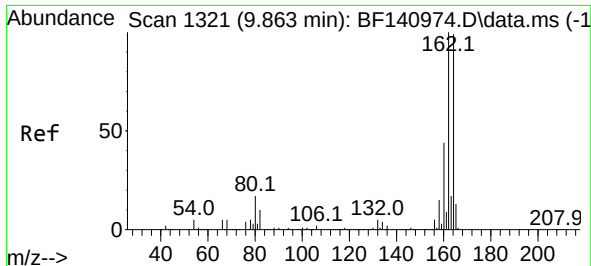
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 21.8#

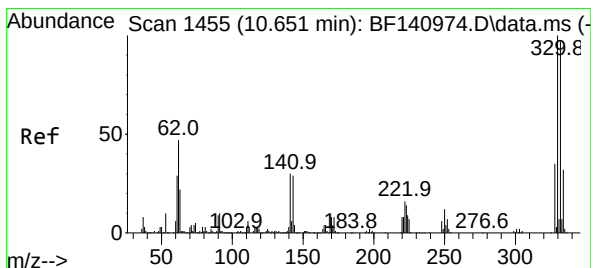
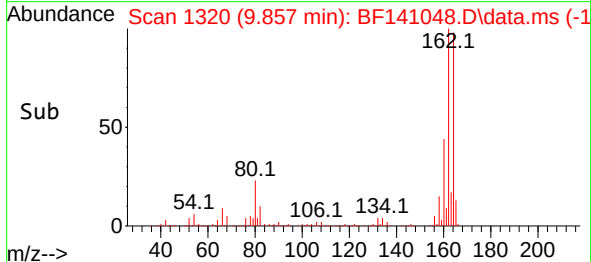
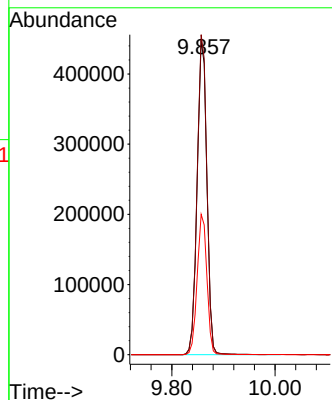
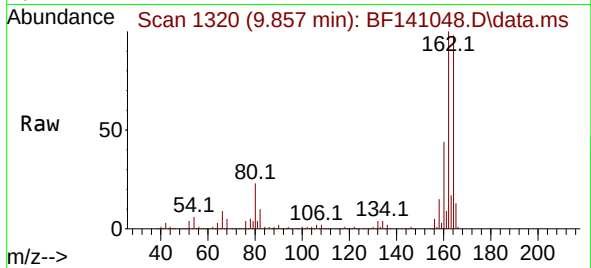




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

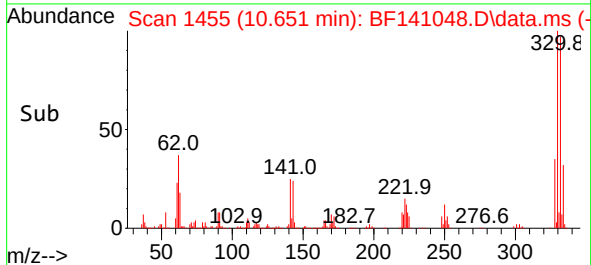
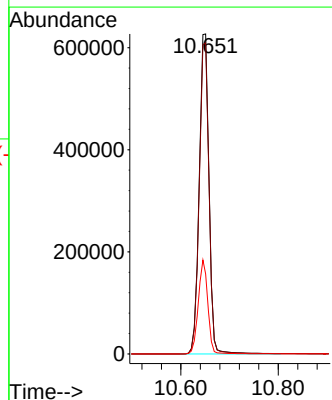
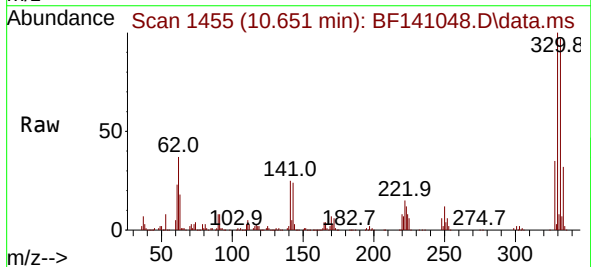
Instrument :
BNA_F
ClientSampleId :
PB165790BL

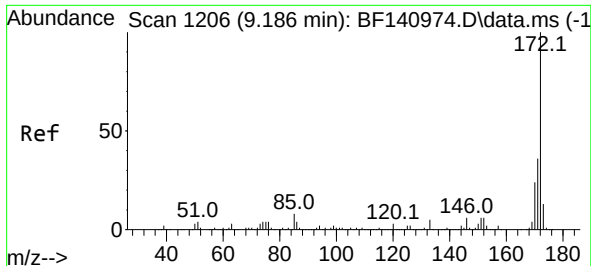
Tgt Ion:164 Resp: 585956
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.6 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 154.793 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:330 Resp: 881356
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 28.7 26.4 39.6





#45

2-Fluorobiphenyl

Concen: 87.934 ng

RT: 9.180 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141048.D

Acq: 31 Dec 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB165790BL

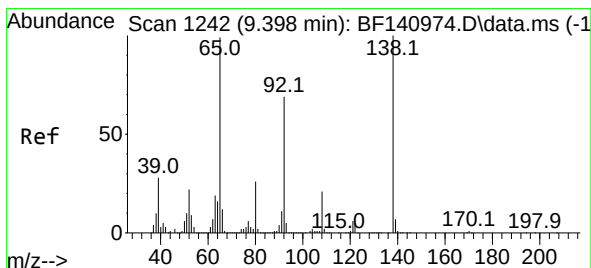
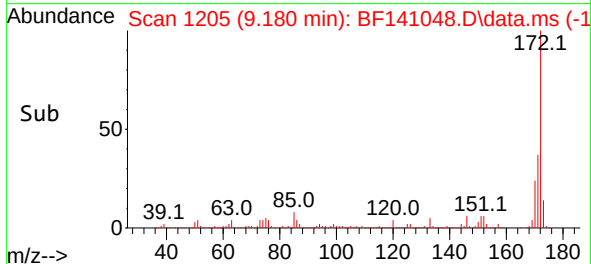
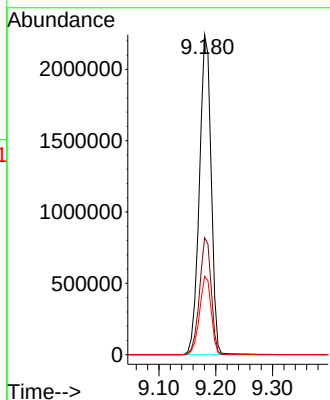
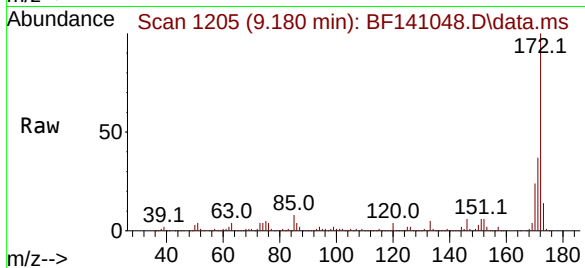
Tgt Ion:172 Resp: 3234014

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

170 24.5 19.6 29.4



#48

2-Nitroaniline

Concen: 5.199 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.218 min

Lab File: BF141048.D

Acq: 31 Dec 2024 10:17

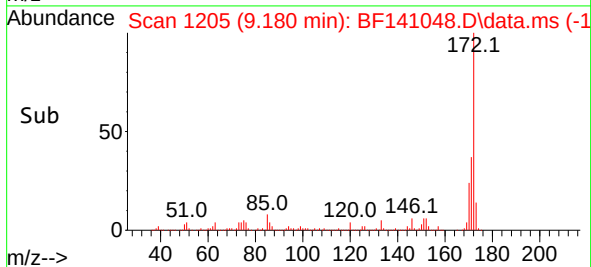
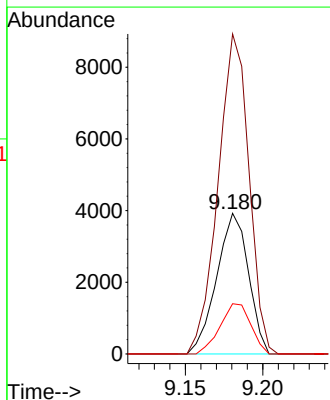
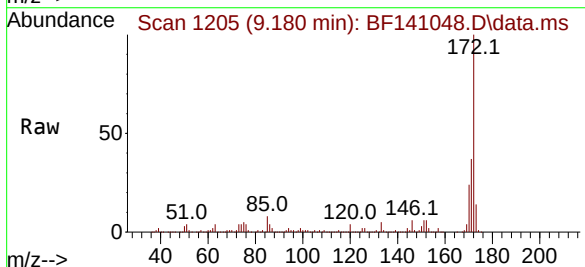
Tgt Ion: 65 Resp: 5590

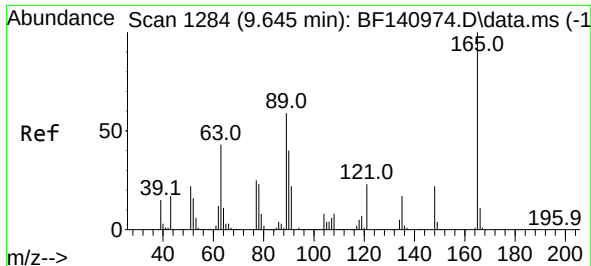
Ion Ratio Lower Upper

65 100

92 227.5 55.6 83.4#

138 35.8 80.5 120.7#

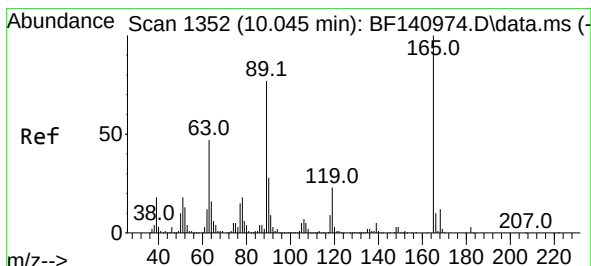
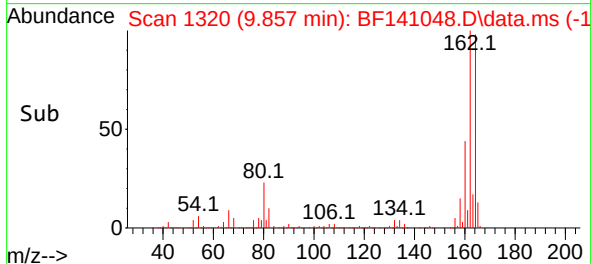
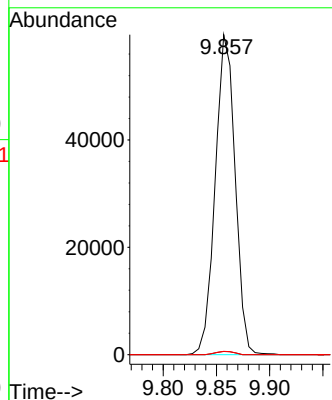
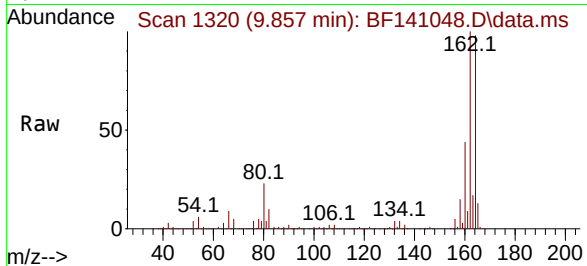




#51
2,6-Dinitrotoluene
Concen: 12.764 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

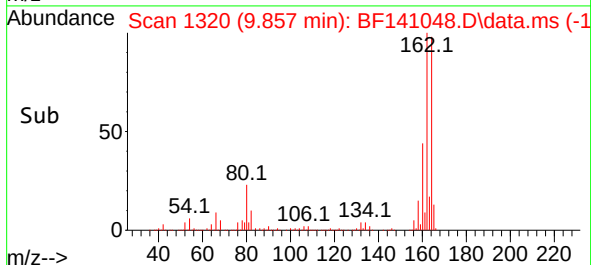
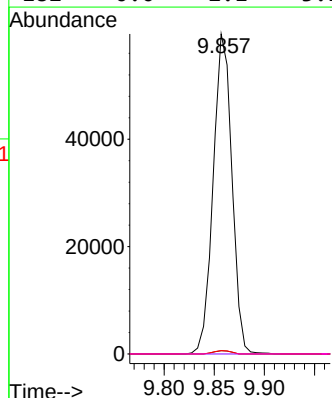
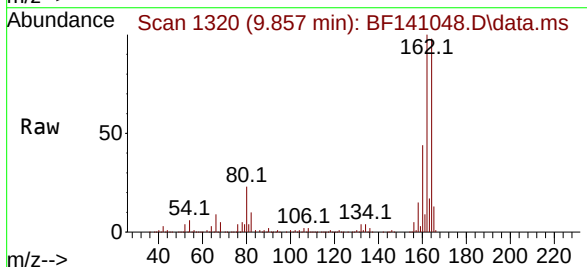
Instrument :
BNA_F
ClientSampleId :
PB165790BL

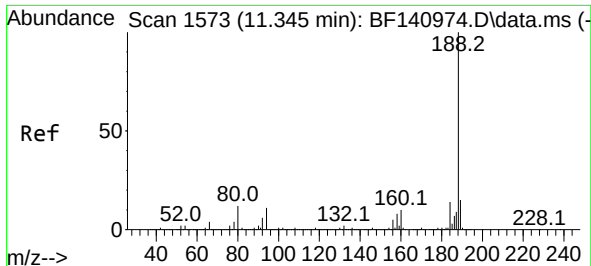
Tgt Ion:165 Resp: 77498
Ion Ratio Lower Upper
165 100
63 1.0 47.1 70.7#
89 1.1 47.0 70.4#



#57
2,4-Dinitrotoluene
Concen: 11.802 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:165 Resp: 77499
Ion Ratio Lower Upper
165 100
63 1.0 38.1 57.1#
89 1.1 61.4 92.2#
182 0.0 2.1 3.1#

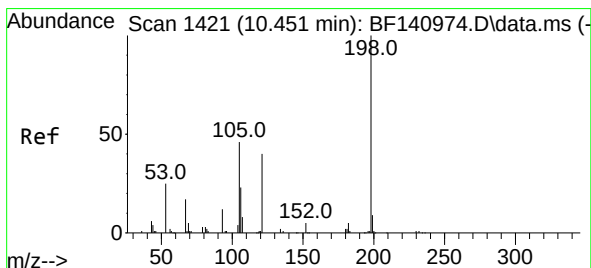
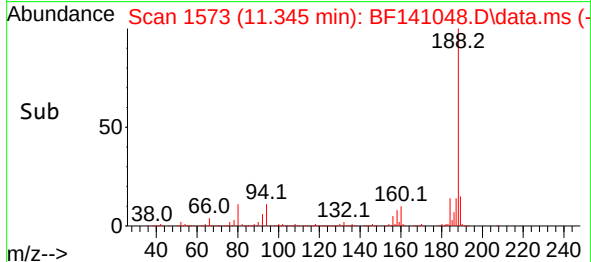
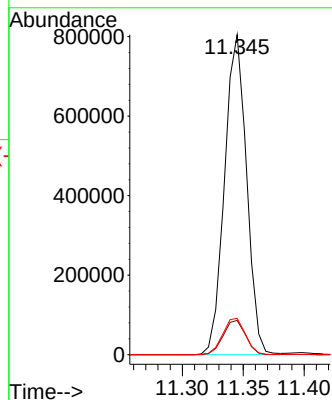
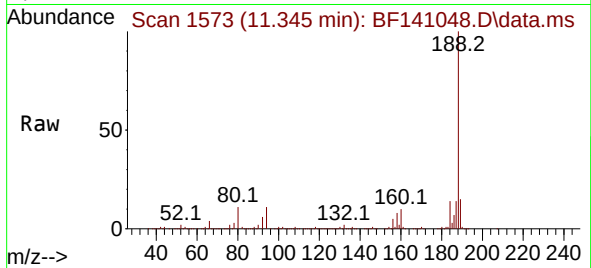




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

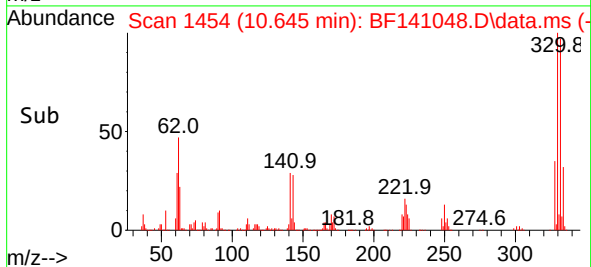
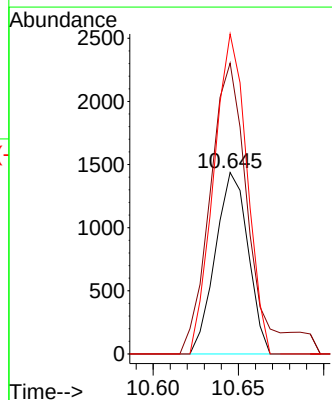
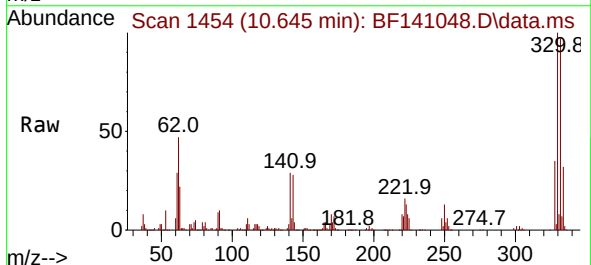
Instrument :
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ClientSampleId :
PB165790BL

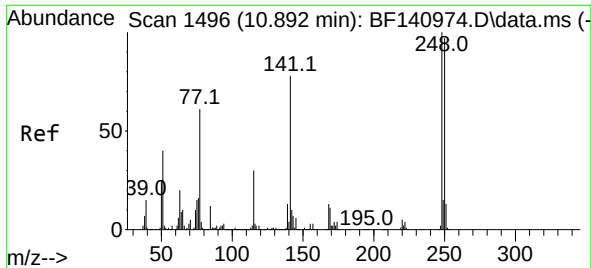
Tgt Ion:188 Resp: 1012788
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.3 9.8 14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 9.727 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.194 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:198 Resp: 1921
Ion Ratio Lower Upper
198 100
51 160.3 32.3 72.3#
105 176.3 28.4 68.4#

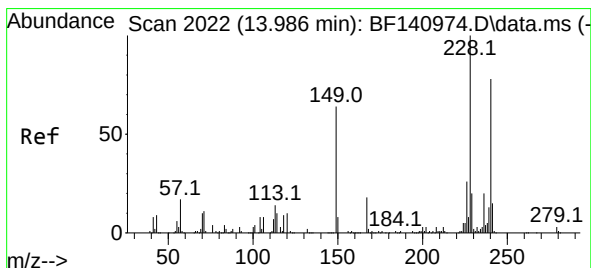
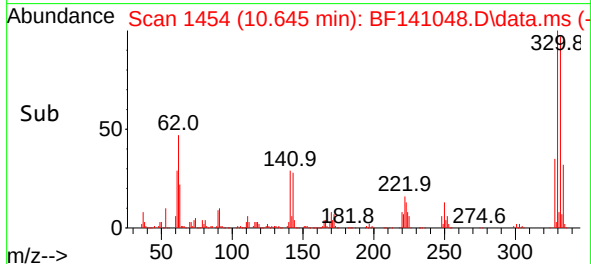
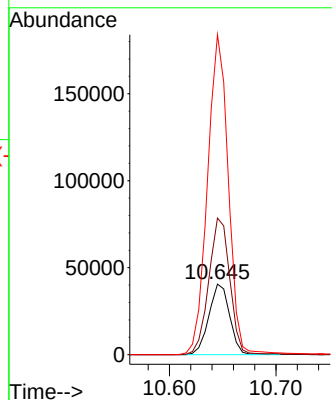
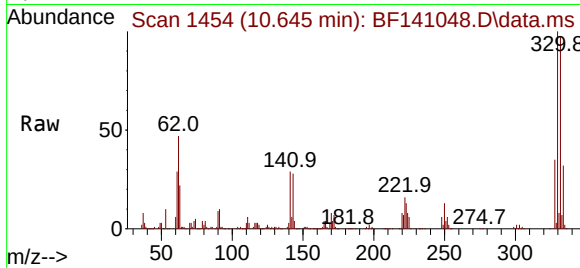




#67
4-Bromophenyl-phenylether
Concen: 5.045 ng
RT: 10.645 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

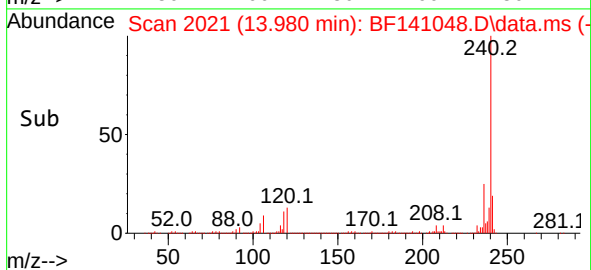
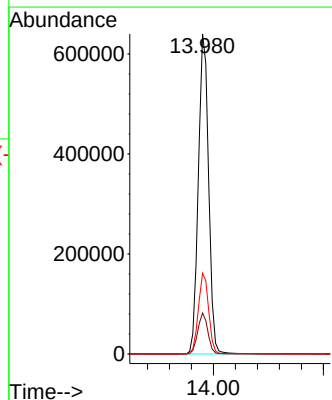
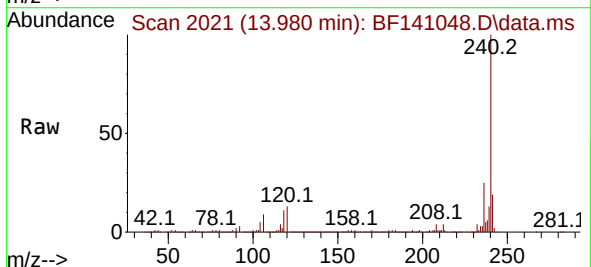
Instrument :
BNA_F
ClientSampleId :
PB165790BL

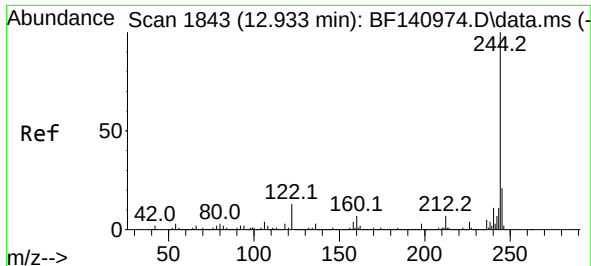
Tgt Ion:248 Resp: 55232
Ion Ratio Lower Upper
248 100
250 193.8 77.7 116.5#
141 453.8 62.1 93.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141048.D
Acq: 31 Dec 2024 10:17

Tgt Ion:240 Resp: 831933
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.2 20.6 31.0

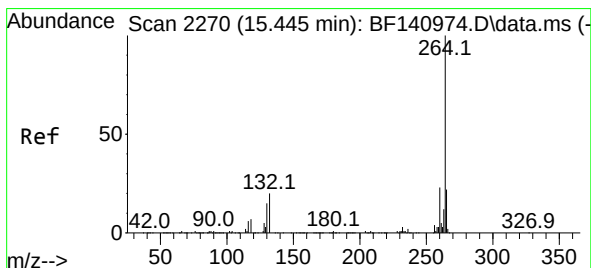
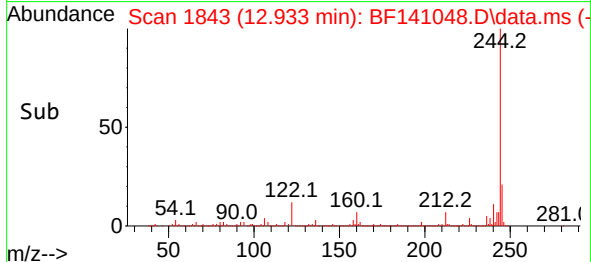
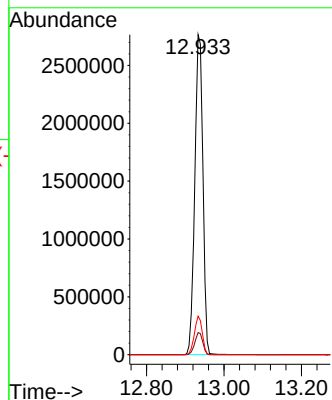
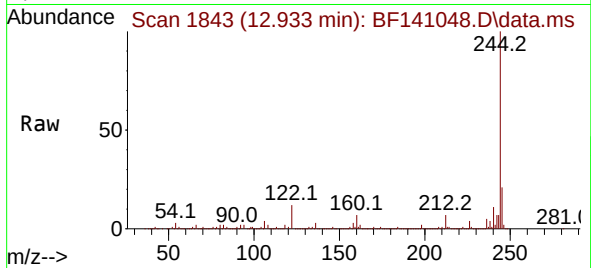




#79
 Terphenyl-d14
 Concen: 80.028 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141048.D
 Acq: 31 Dec 2024 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB165790BL

Tgt Ion:244 Resp: 4008313
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.0 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF141048.D
 Acq: 31 Dec 2024 10:17

Tgt Ion:264 Resp: 646759
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.6 17.4 26.2

