

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141080.D
 Acq On : 08 Jan 2025 13:31
 Operator : RC/JU
 Sample : PB165980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165980BL

Quant Time: Jan 08 14:05:49 2025
 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)

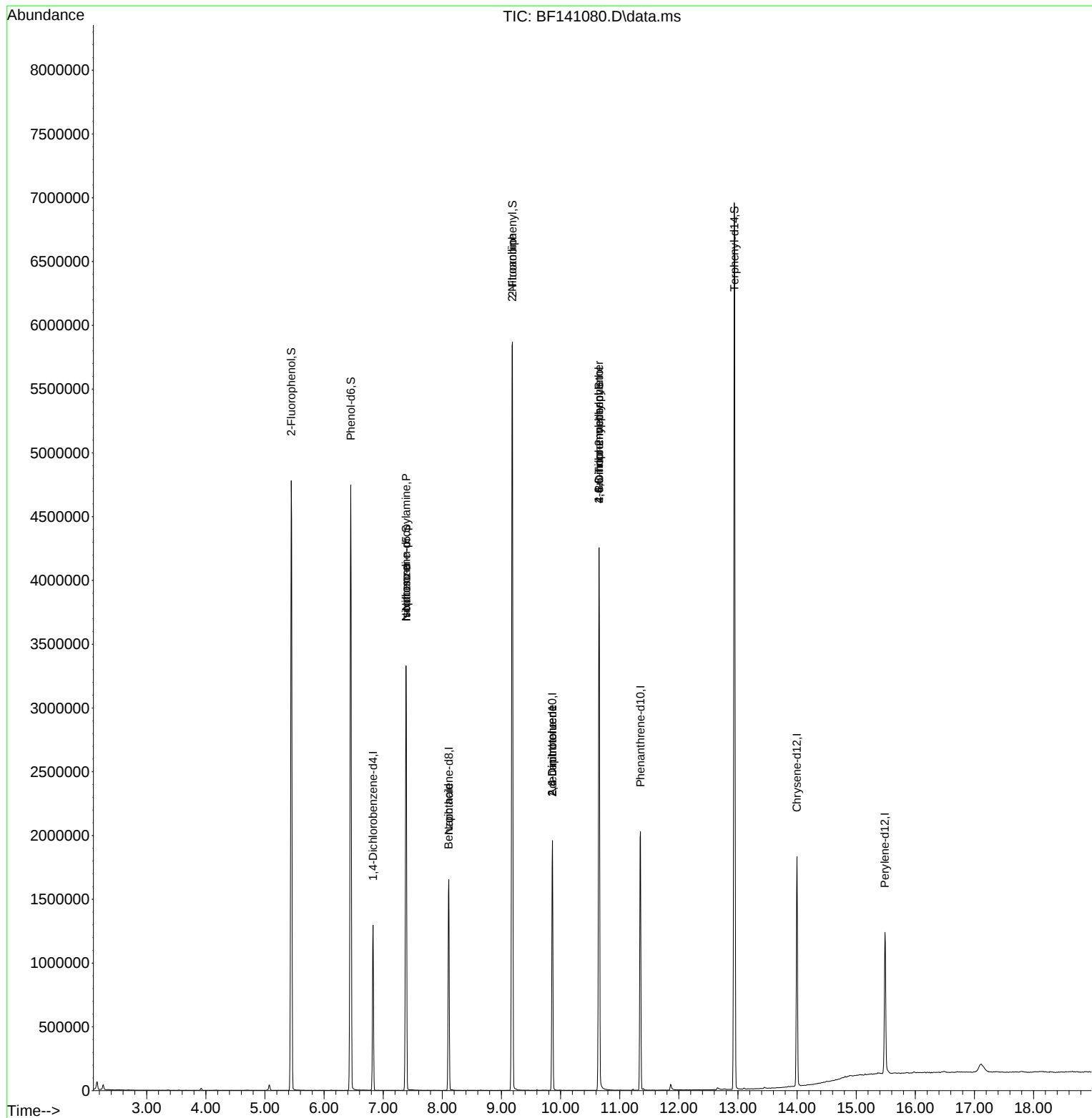
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	266985	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1083393	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	593362	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	1042880	20.000	ng	0.00
76) Chrysene-d12	13.998	240	870332	20.000	ng	0.01
86) Perylene-d12	15.486	264	685518	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1990996	112.410	ng	0.01
7) Phenol-d6	6.451	99	2474352	108.445	ng	0.00
23) Nitrobenzene-d5	7.386	82	1605816	94.829	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	839658	145.629	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2887414	77.530	ng	0.00
79) Terphenyl-d14	12.939	244	3666469	69.973	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	117	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.386	70	216285	15.473	ng	# 78
25) Isophorone	7.386	82	1574726	42.735	ng	# 65
32) Benzoic acid	8.104	122	143	7.703	ng	# 1
48) 2-Nitroaniline	9.180	65	5094	5.143	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	77758	12.680	ng	# 23
57) 2,4-Dinitrotoluene	9.863	165	77758	11.735	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.651	198	1876	9.707	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	51332	4.553	ng	# 1

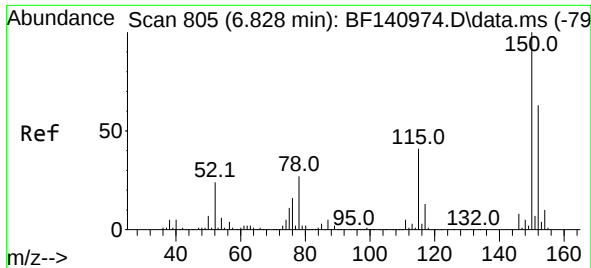
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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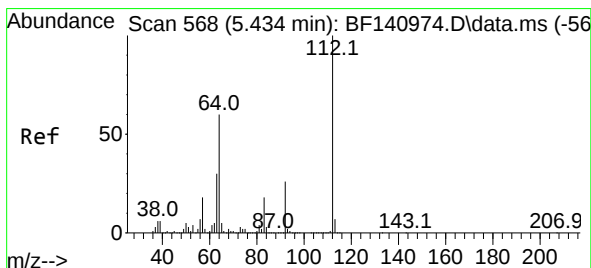
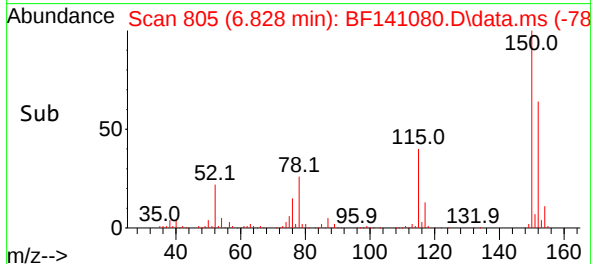
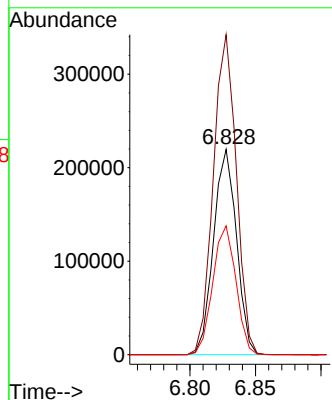
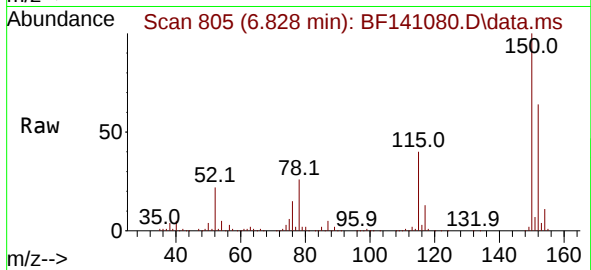




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

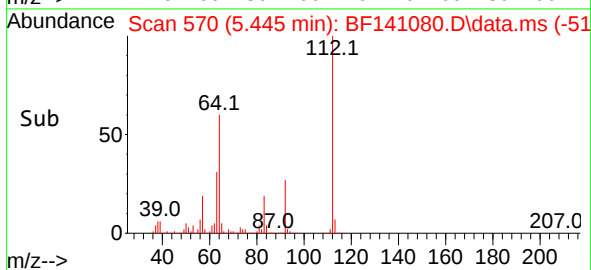
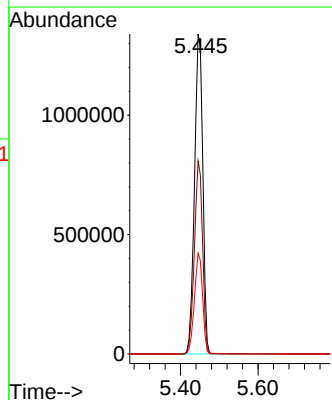
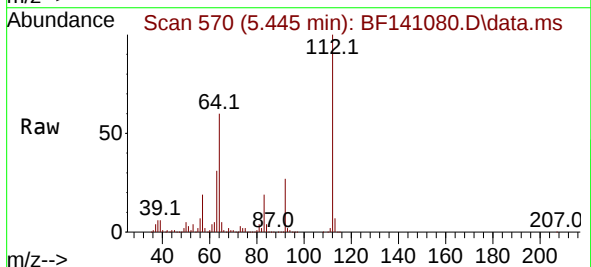
Instrument :
BNA_F
ClientSampleId :
PB165980BL

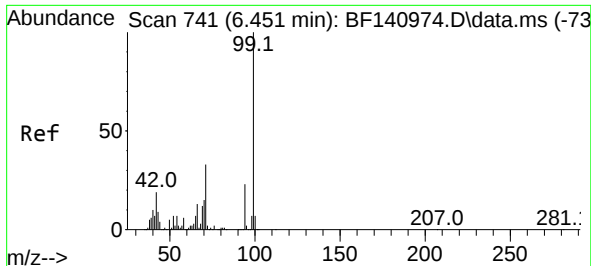
Tgt Ion:152 Resp: 266985
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 62.8 51.7 77.5



#5
2-Fluorophenol
Concen: 112.410 ng
RT: 5.445 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Tgt Ion:112 Resp: 1990996
Ion Ratio Lower Upper
112 100
64 60.3 47.7 71.5
63 31.5 24.2 36.2



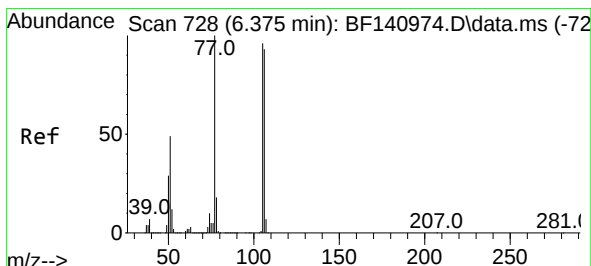
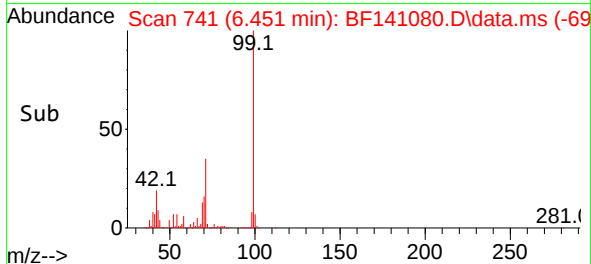
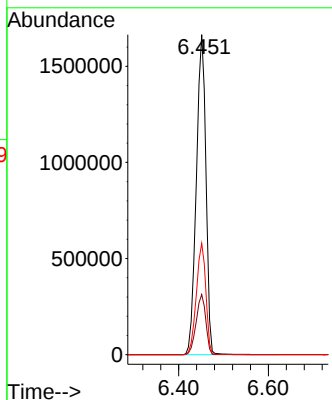
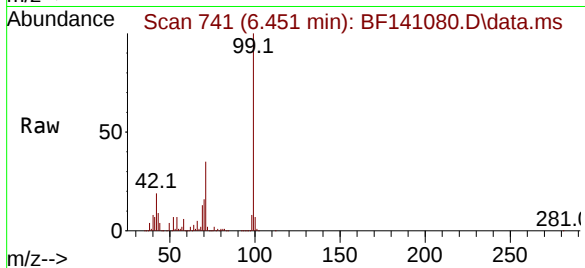


#7
Phenol-d6
Concen: 108.445 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Instrument :
BNA_F
ClientSampleId :
PB165980BL

Tgt Ion: 99 Resp: 2474352

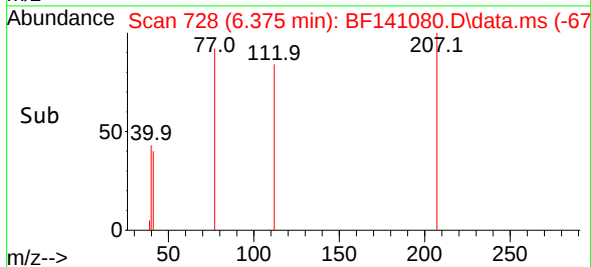
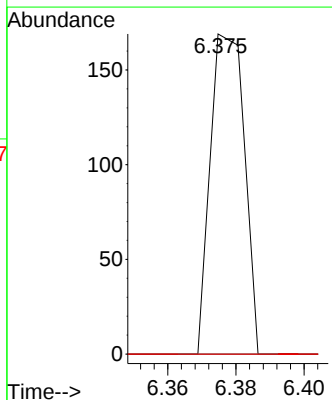
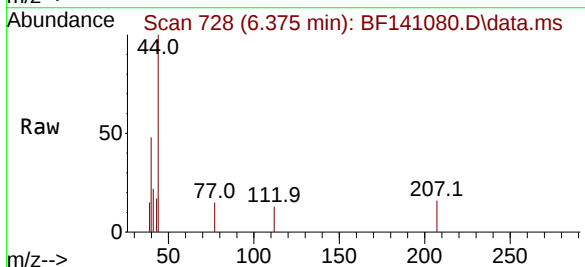
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	34.8	26.2	39.2

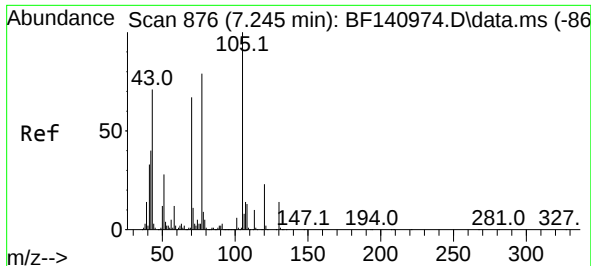


#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Tgt Ion: 77 Resp: 117

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

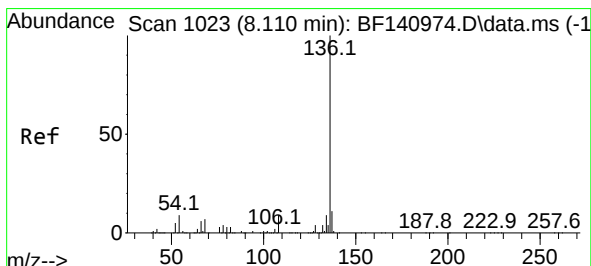
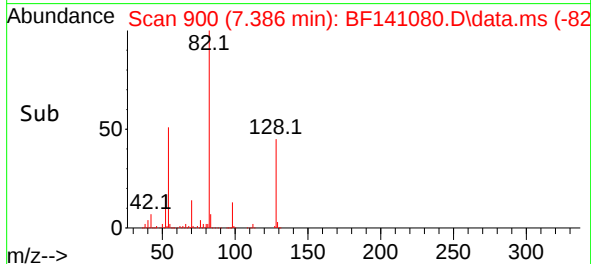
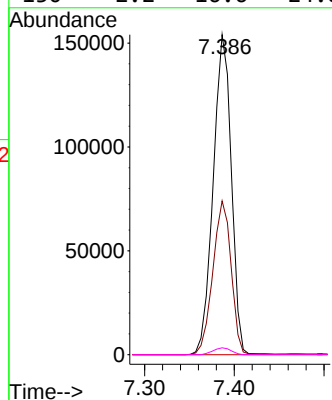
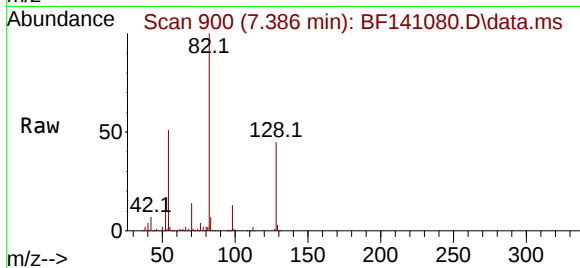




#19
n-Nitroso-di-n-propylamine
Concen: 15.473 ng
RT: 7.386 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

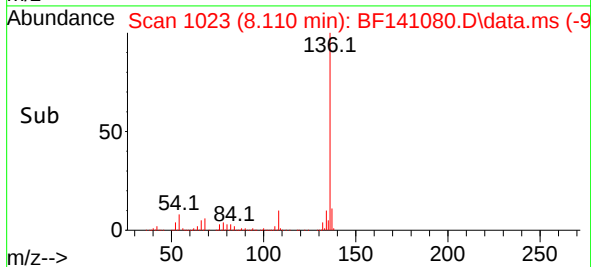
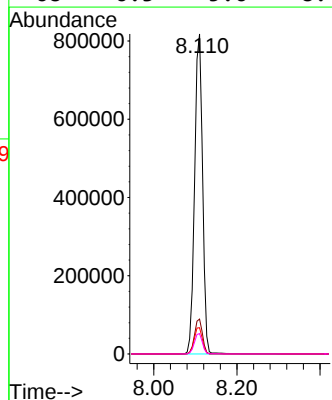
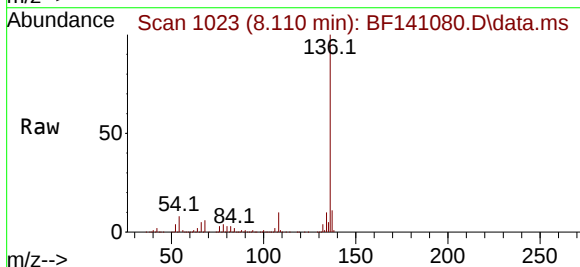
Instrument :
BNA_F
ClientSampleId :
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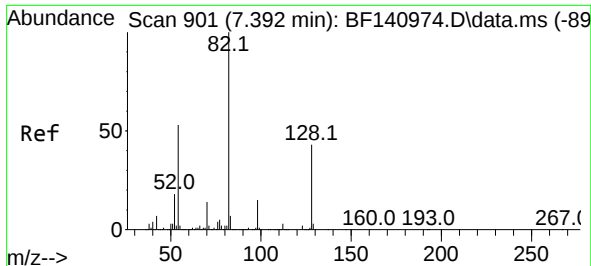
Tgt Ion: 70 Resp: 216285
Ion Ratio Lower Upper
70 100
42 48.0 48.1 72.1#
101 0.0 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Tgt Ion:136 Resp: 1083393
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.6 11.4
68 6.3 5.6 8.4

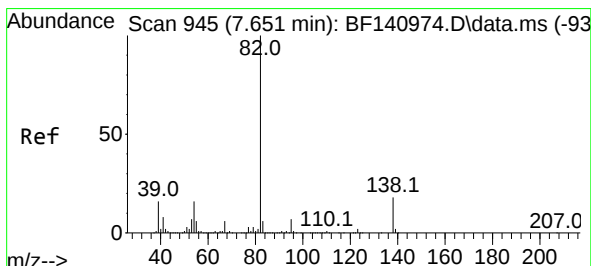
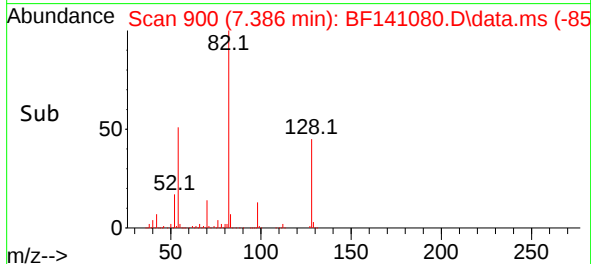
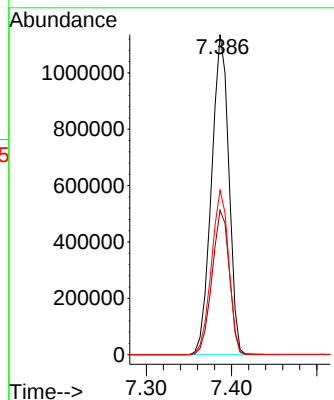
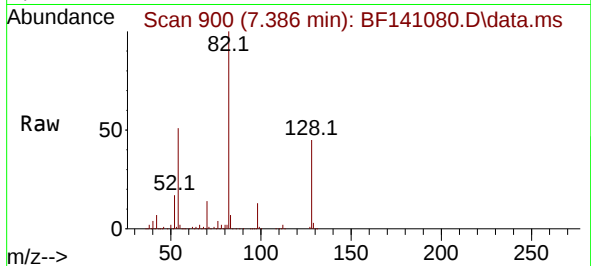




#23
Nitrobenzene-d5
Concen: 94.829 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

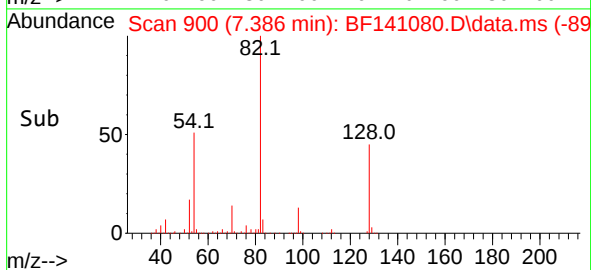
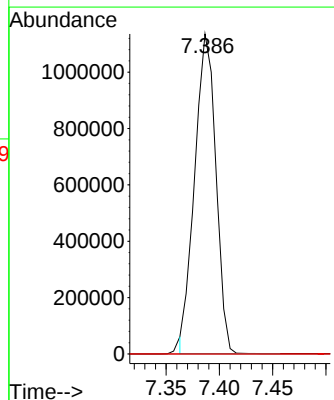
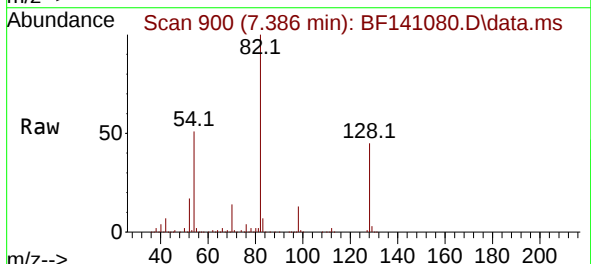
Instrument :
BNA_F
ClientSampleId :
PB165980BL

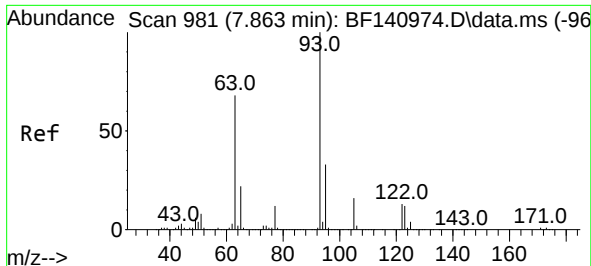
Tgt Ion: 82 Resp: 1605816
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 51.4 42.4 63.6



#25
Isophorone
Concen: 42.735 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Tgt Ion: 82 Resp: 1574726
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 21.8#

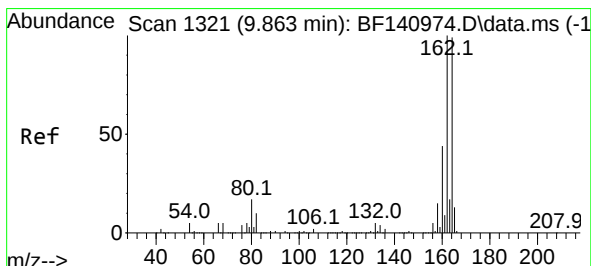
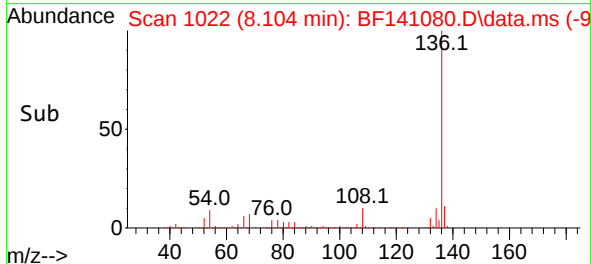
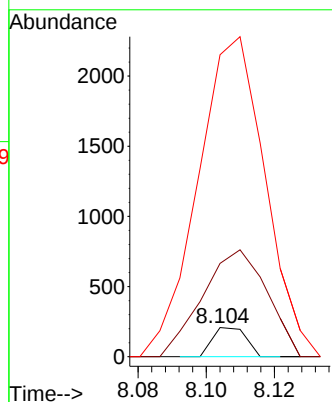
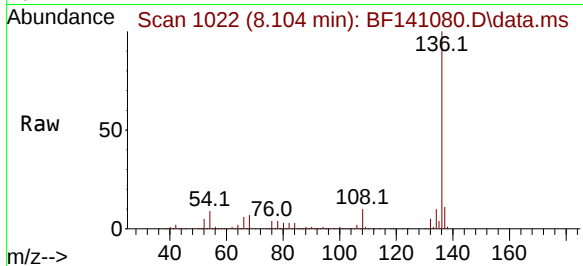




#32
Benzoic acid
Concen: 7.703 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.241 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

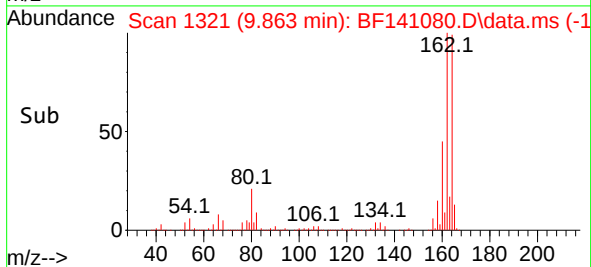
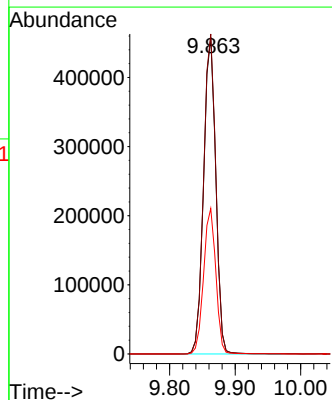
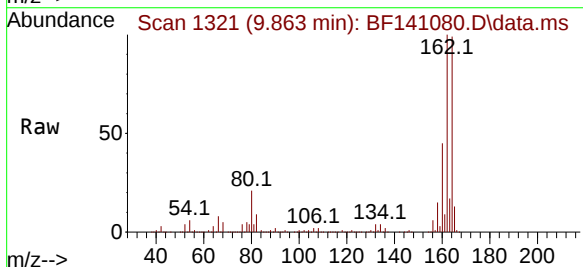
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PB165980BL

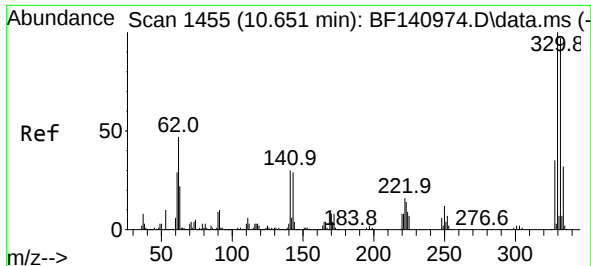
Tgt Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 319.7 105.4 145.4#
77 1034.6 76.4 116.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

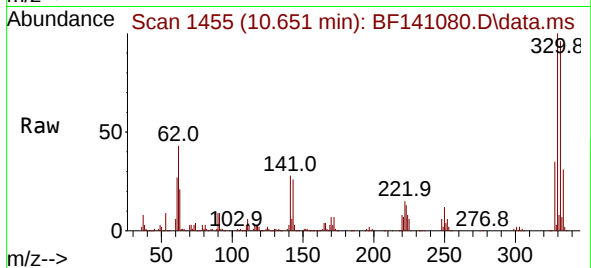
Tgt Ion:164 Resp: 593362
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 46.0 35.7 53.5



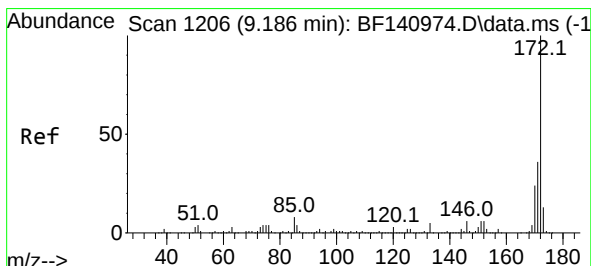
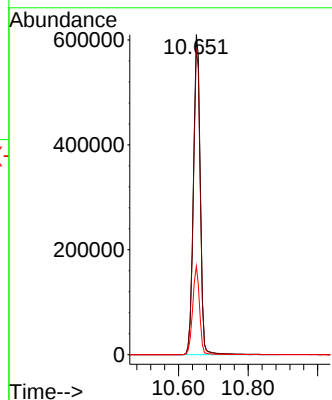
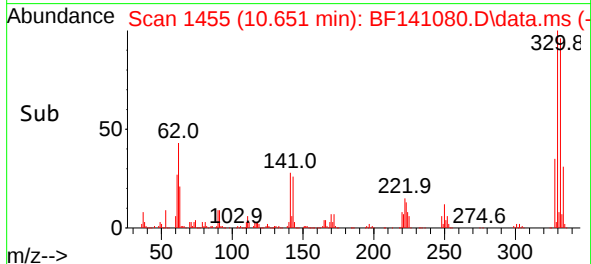


#42
2,4,6-Tribromophenol
Concen: 145.629 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

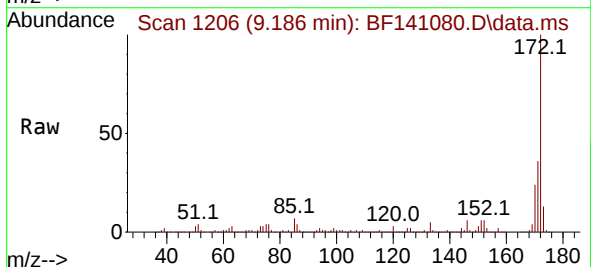
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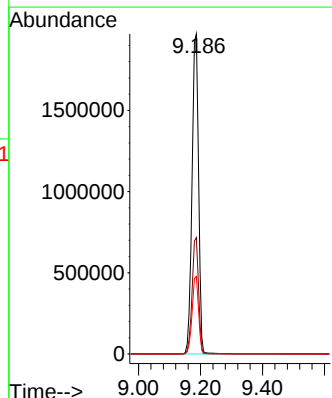
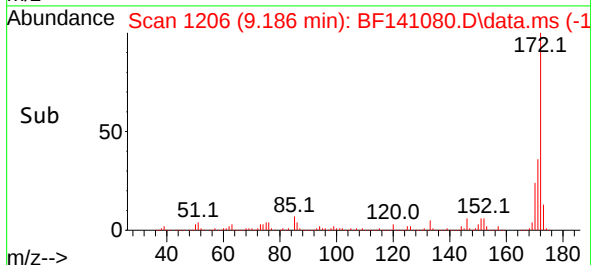
Tgt Ion:330 Resp: 839658
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 27.7 26.4 39.6

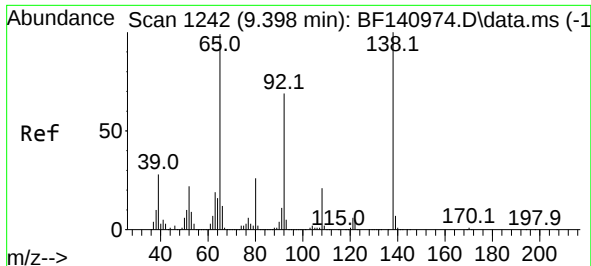


#45
2-Fluorobiphenyl
Concen: 77.530 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31



Tgt Ion:172 Resp: 2887414
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.2 19.6 29.4





#48

2-Nitroaniline

Concen: 5.143 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.218 min

Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

Instrument :

BNA_F

ClientSampleId :

PB165980BL

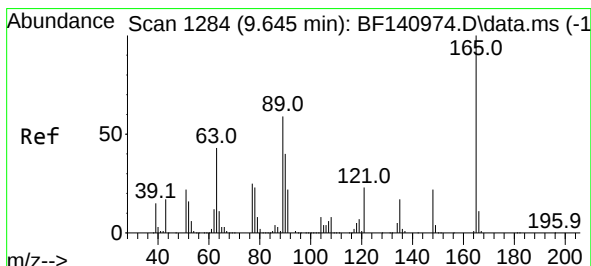
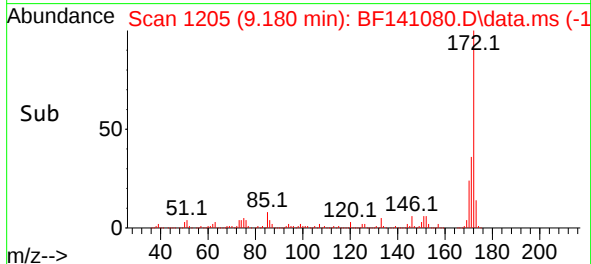
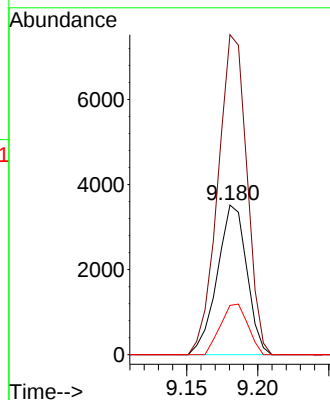
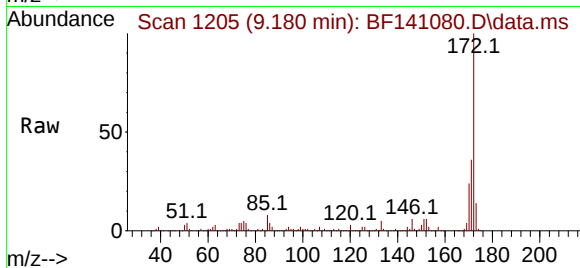
Tgt Ion: 65 Resp: 5094

Ion Ratio Lower Upper

65 100

92 214.0 55.6 83.4#

138 32.9 80.5 120.7#



#51

2,6-Dinitrotoluene

Concen: 12.680 ng

RT: 9.863 min Scan# 1321

Delta R.T. 0.218 min

Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

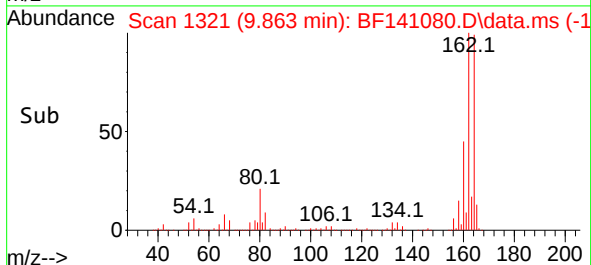
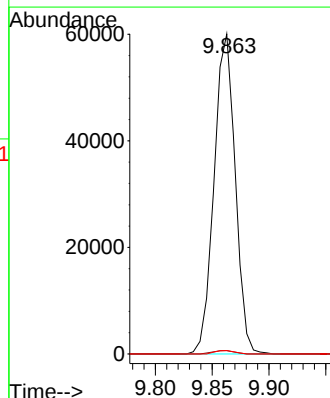
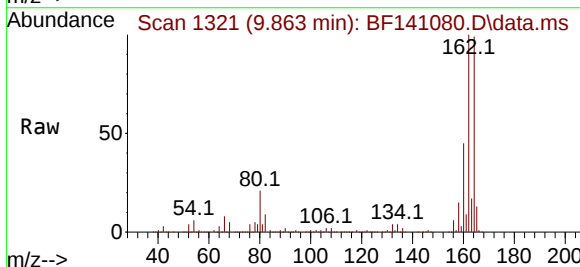
Tgt Ion: 165 Resp: 77758

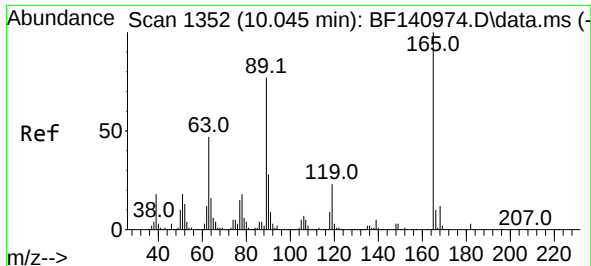
Ion Ratio Lower Upper

165 100

63 1.0 47.1 70.7#

89 1.1 47.0 70.4#

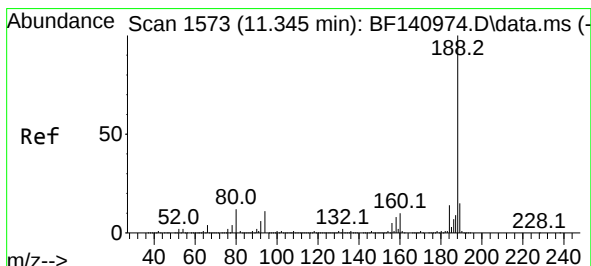
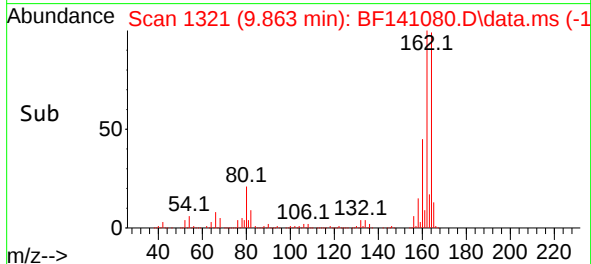
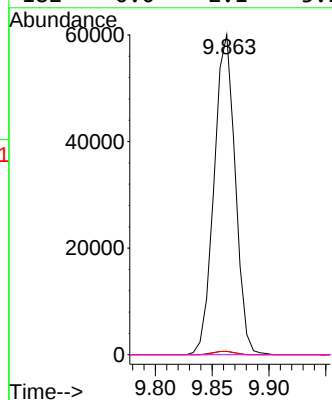
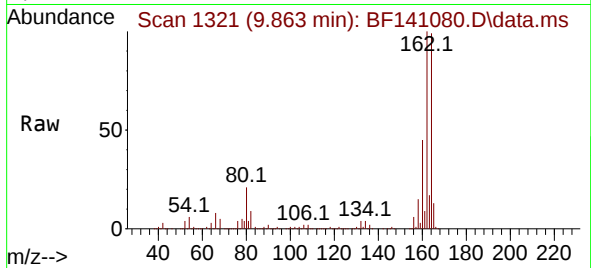




#57
2,4-Dinitrotoluene
Concen: 11.735 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

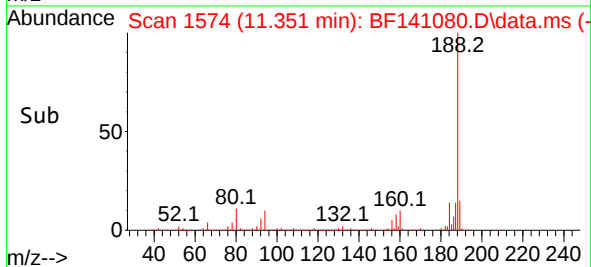
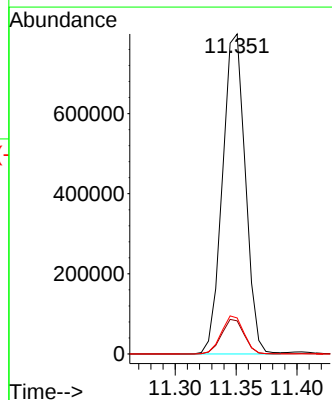
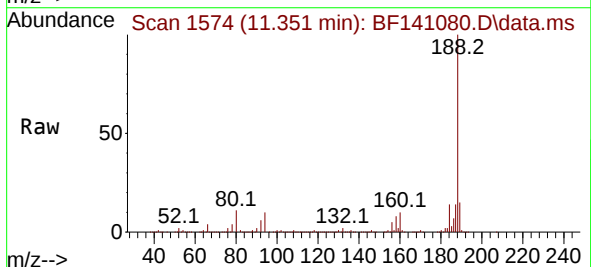
Instrument :
BNA_F
ClientSampleId :
PB165980BL

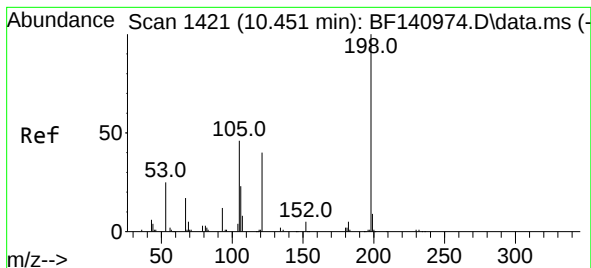
Tgt Ion:165 Resp: 77758
Ion Ratio Lower Upper
165 100
63 1.0 38.1 57.1#
89 1.1 61.4 92.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Tgt Ion:188 Resp: 1042880
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.2 9.8 14.6

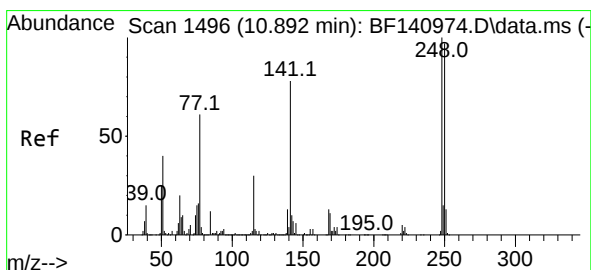
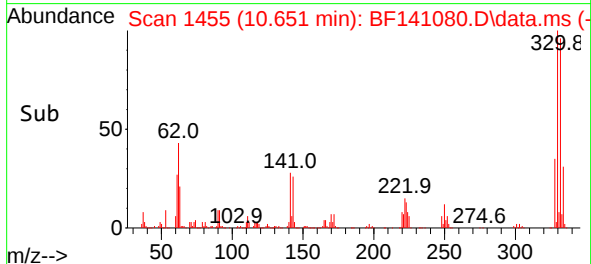
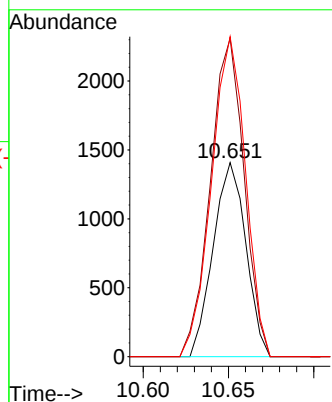
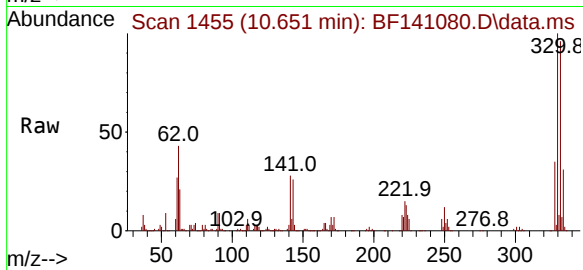




#65
4,6-Dinitro-2-methylphenol
Concen: 9.707 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.200 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

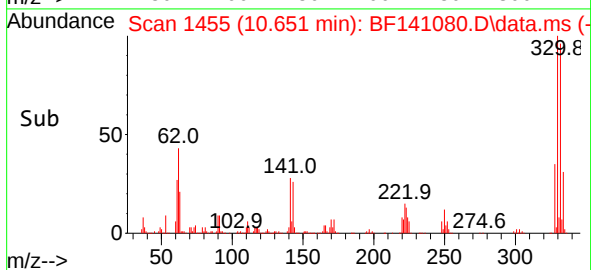
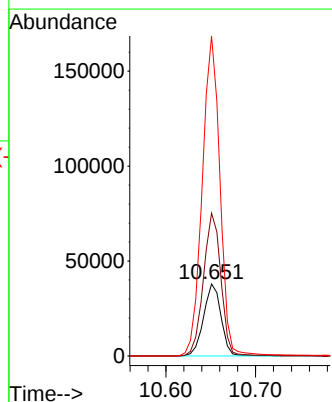
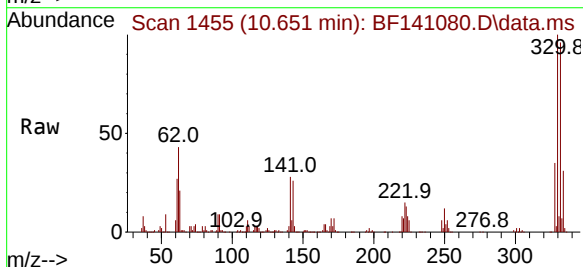
Instrument :
BNA_F
ClientSampleId :
PB165980BL

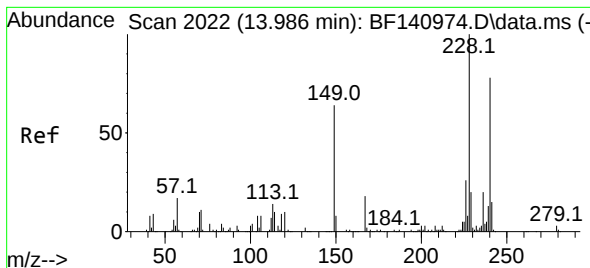
Tgt Ion:198 Resp: 1876
Ion Ratio Lower Upper
198 100
51 164.0 32.3 72.3#
105 164.9 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 4.553 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Tgt Ion:248 Resp: 51332
Ion Ratio Lower Upper
248 100
250 198.4 77.7 116.5#
141 444.1 62.1 93.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

Instrument :

BNA_F

ClientSampleId :

PB165980BL

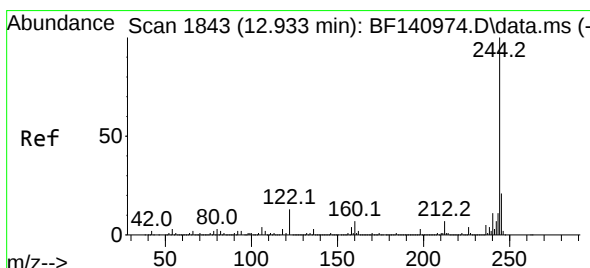
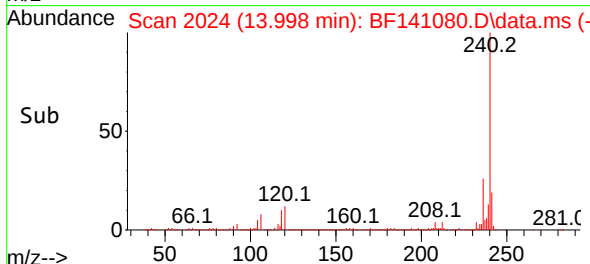
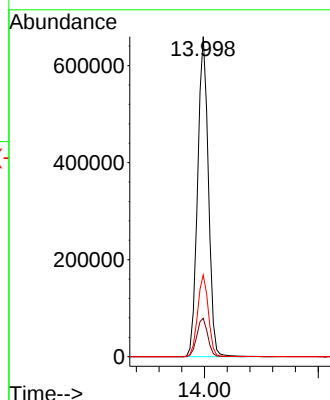
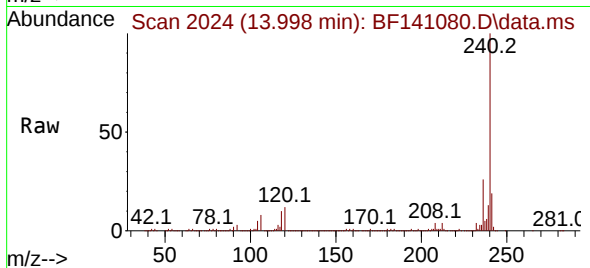
Tgt Ion:240 Resp: 870332

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 69.973 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

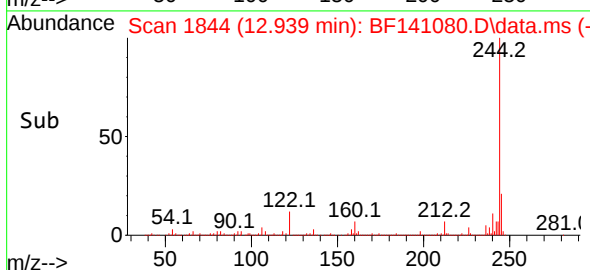
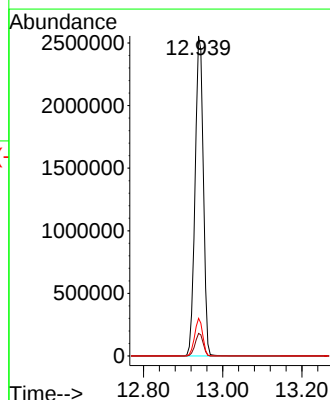
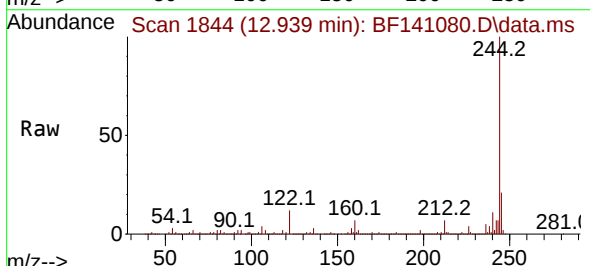
Tgt Ion:244 Resp: 3666469

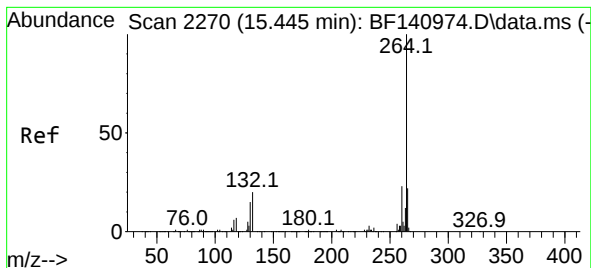
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

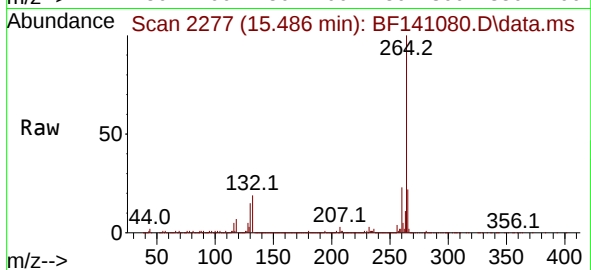
122 11.7 10.2 15.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Instrument :
BNA_F
ClientSampleId :
PB165980BL



Tgt Ion:264 Resp: 685518
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.7 17.4 26.2

