

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010225\
 Data File : BF141059.D
 Acq On : 02 Jan 2025 10:25
 Operator : RC/JU
 Sample : PB165929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165929BL

Quant Time: Jan 02 11:12:24 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)

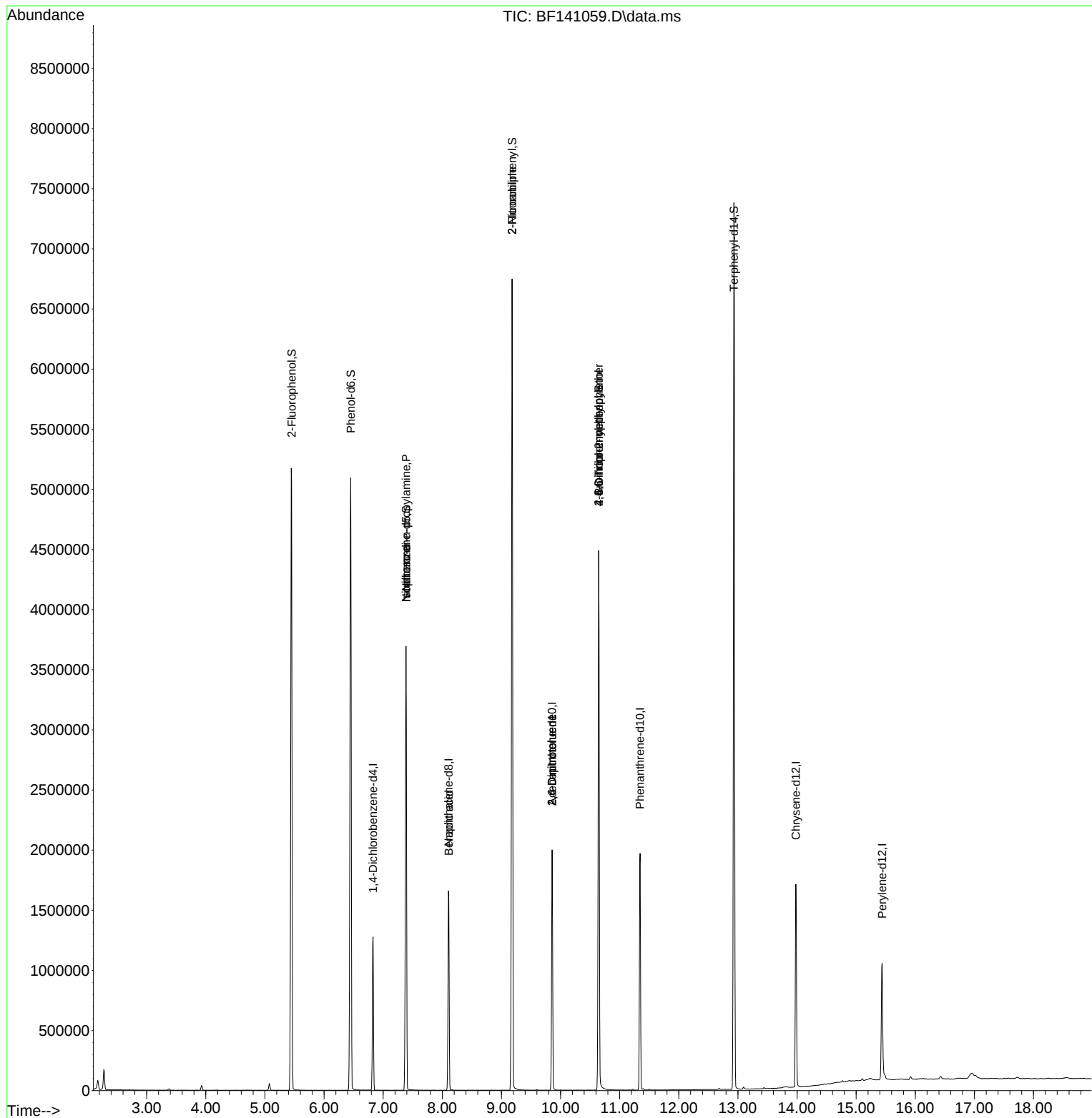
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	268898	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1097311	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	591922	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1014407	20.000	ng	0.00
76) Chrysene-d12	13.980	240	801062	20.000	ng	0.00
86) Perylene-d12	15.439	264	608827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2204101	123.557	ng	0.02
7) Phenol-d6	6.451	99	2788976	121.364	ng	0.00
23) Nitrobenzene-d5	7.387	82	1791402	104.446	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	863682	150.160	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3136594	84.426	ng	0.00
79) Terphenyl-d14	12.933	244	3739477	77.538	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	395	Below Cal	#	61
19) n-Nitroso-di-n-propyla...	7.387	70	239466	17.009	ng	# 78
25) Isophorone	7.387	82	1777671	47.630	ng	# 65
32) Benzoic acid	8.110	122	146	7.703	ng	# 1
48) 2-Nitroaniline	9.181	65	5461	5.180	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	76307	12.533	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	76297	11.616	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1847	9.711	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	52134	4.754	ng	# 1

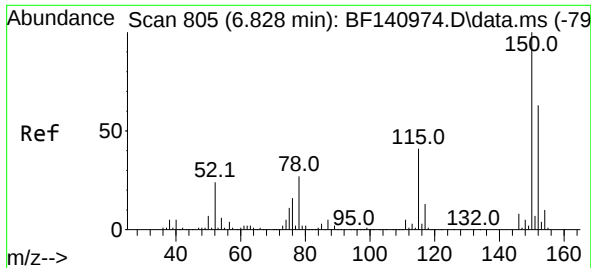
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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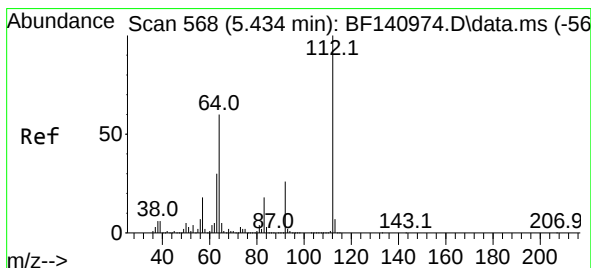
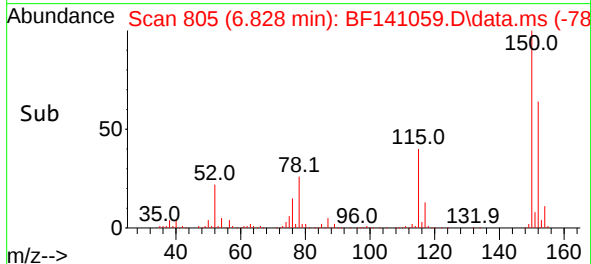
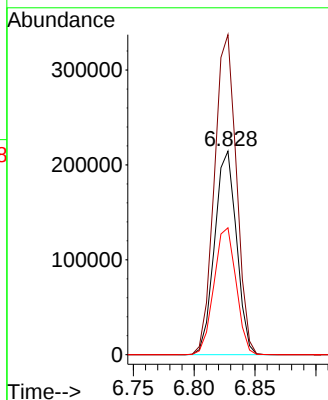
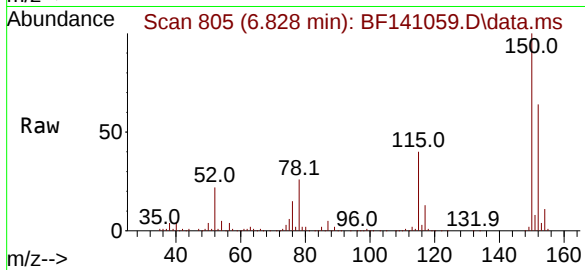




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

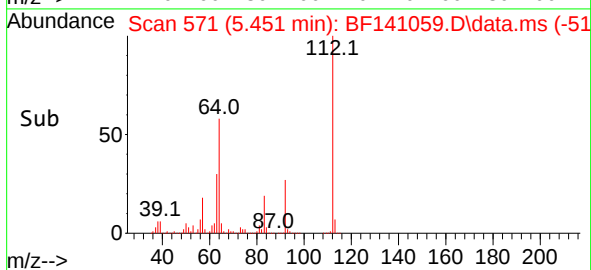
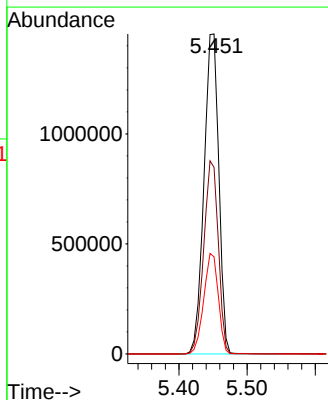
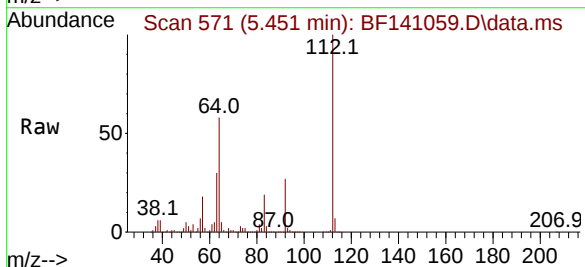
Instrument :
BNA_F
ClientSampleId :
PB165929BL

Tgt Ion:152 Resp: 268898
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 62.3 51.7 77.5



#5
2-Fluorophenol
Concen: 123.557 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Tgt Ion:112 Resp: 2204101
Ion Ratio Lower Upper
112 100
64 58.3 47.7 71.5
63 30.3 24.2 36.2



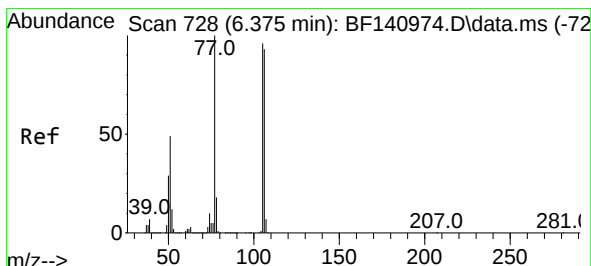
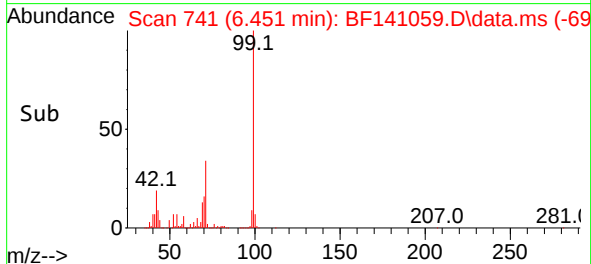
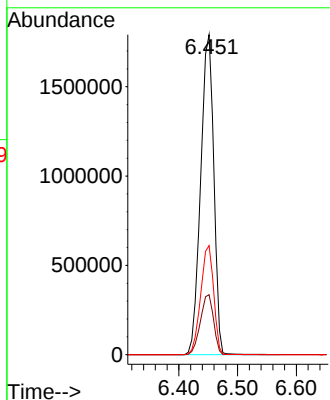
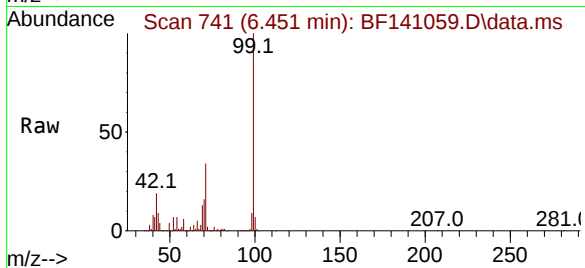


#7
Phenol-d6
Concen: 121.364 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Instrument :
BNA_F
ClientSampleId :
PB165929BL

Tgt Ion: 99 Resp: 2788976

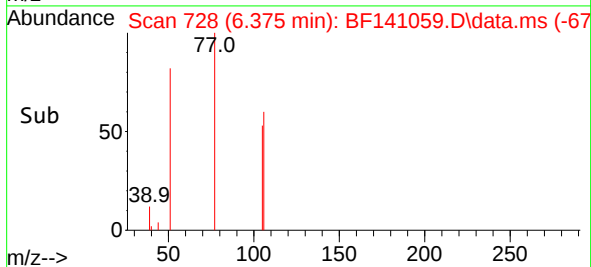
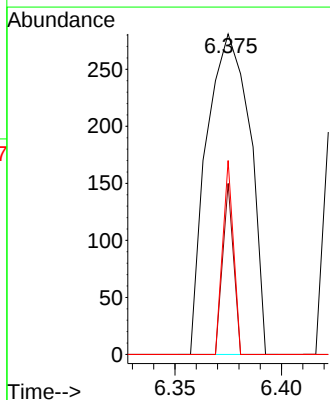
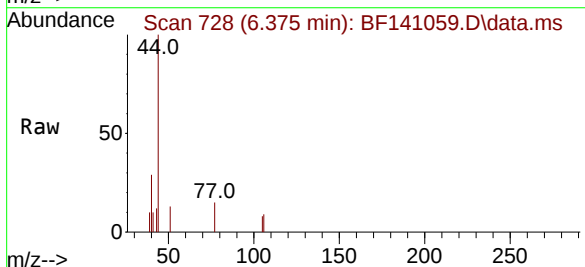
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	34.1	26.2	39.2

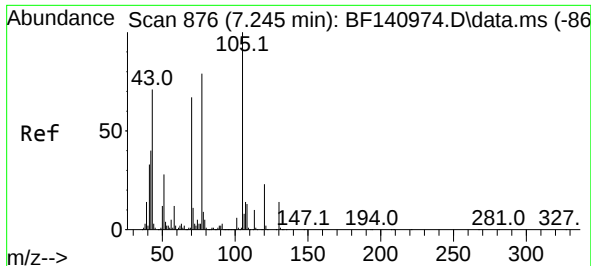


#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Tgt Ion: 77 Resp: 395

Ion	Ratio	Lower	Upper
77	100		
105	53.4	76.2	116.2#
106	60.5	73.4	113.4#





#19

n-Nitroso-di-n-propylamine

Concen: 17.009 ng

RT: 7.387 min Scan# 90

Delta R.T. 0.141 min

Lab File: BF141059.D

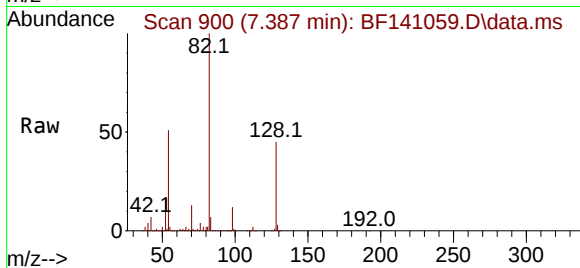
Acq: 02 Jan 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB165929BL



Tgt Ion: 70 Resp: 239466

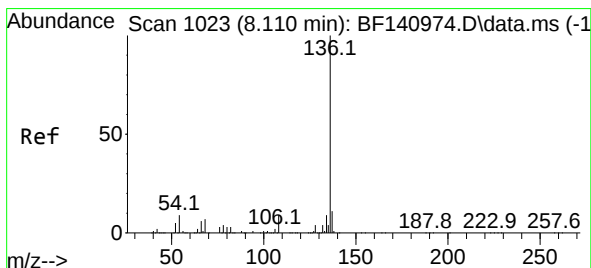
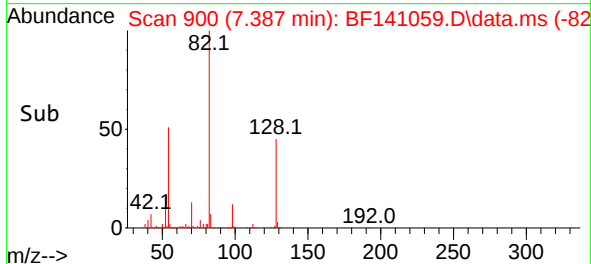
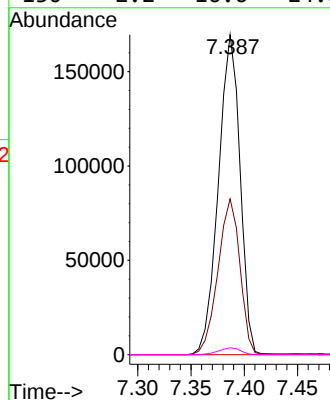
Ion Ratio Lower Upper

70 100

42 48.7 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: BF141059.D

Acq: 02 Jan 2025 10:25

Tgt Ion: 136 Resp: 1097311

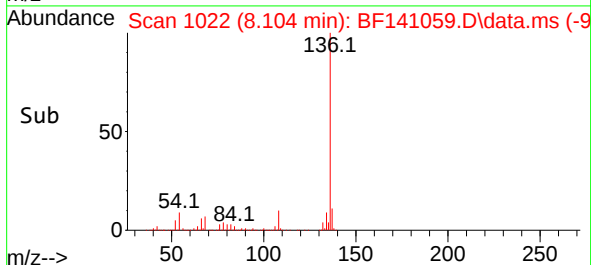
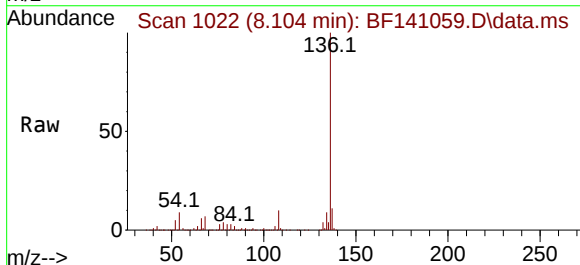
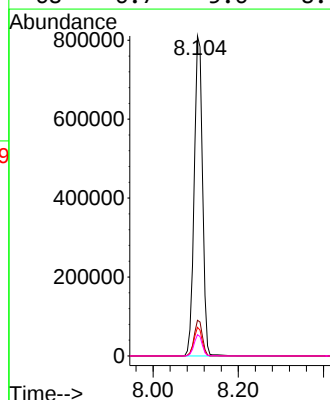
Ion Ratio Lower Upper

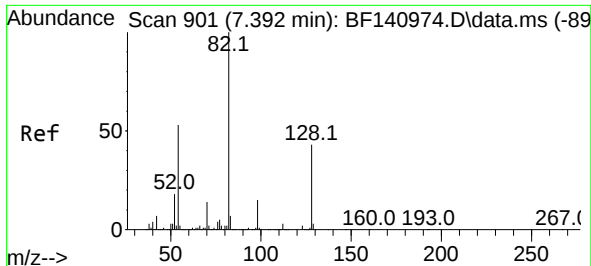
136 100

137 11.2 9.0 13.4

54 9.0 7.6 11.4

68 6.7 5.6 8.4

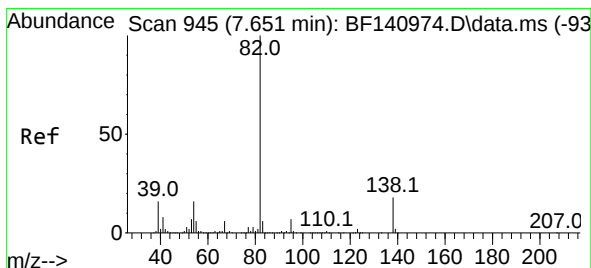
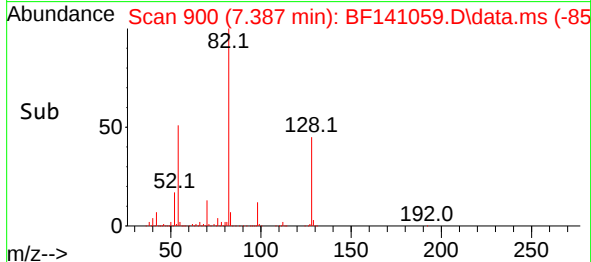
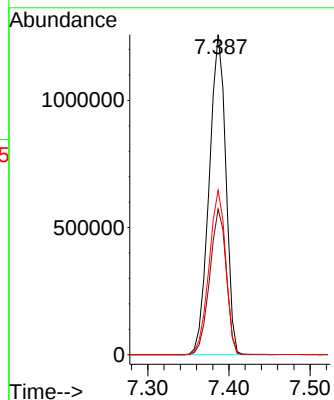
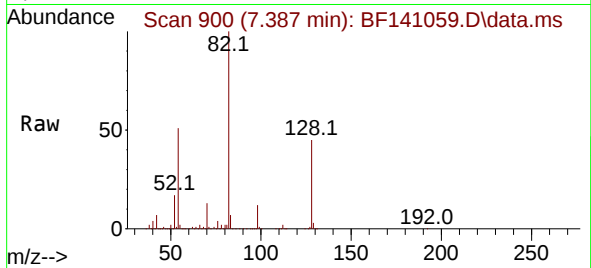




#23
Nitrobenzene-d5
Concen: 104.446 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

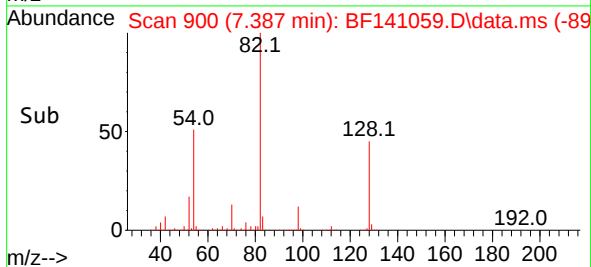
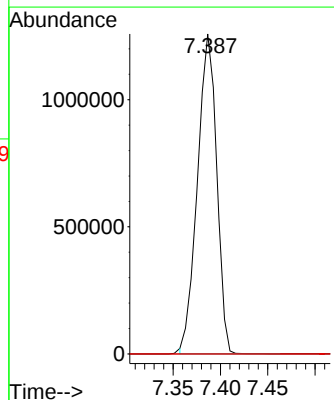
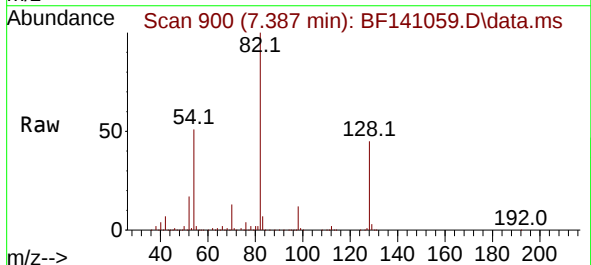
Instrument :
BNA_F
ClientSampleId :
PB165929BL

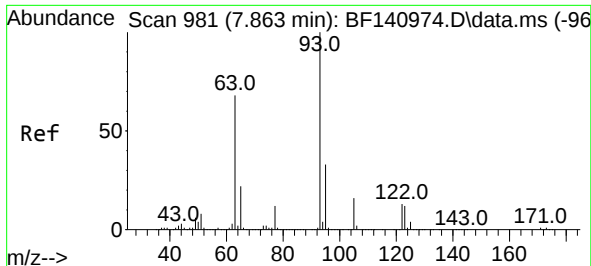
Tgt Ion: 82 Resp: 1791402
Ion Ratio Lower Upper
82 100
128 45.4 34.4 51.6
54 51.3 42.4 63.6



#25
Isophorone
Concen: 47.630 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Tgt Ion: 82 Resp: 1777671
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: 8.110 min Scan# 1023

Delta R.T. 0.247 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Instrument :

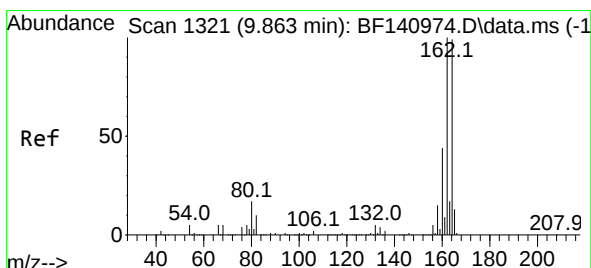
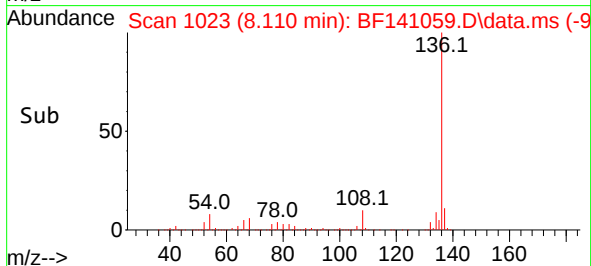
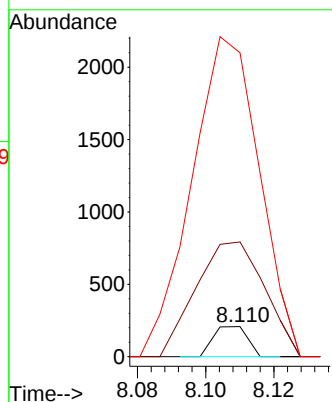
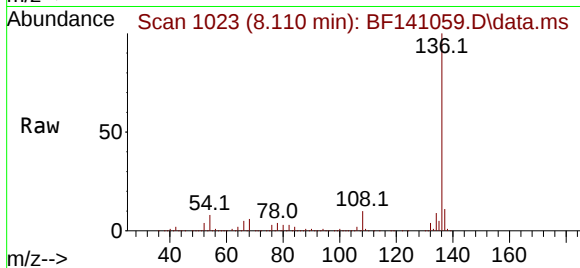
BNA_F

ClientSampleId :

PB165929BL

Tgt Ion:122 Resp: 146

Ion	Ratio	Lower	Upper
122	100		
105	381.3	105.4	145.4#
77	1009.1	76.4	116.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

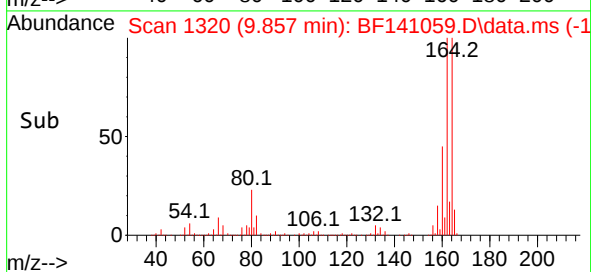
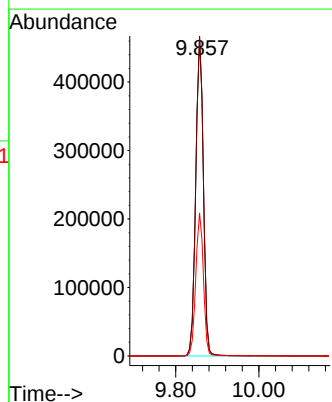
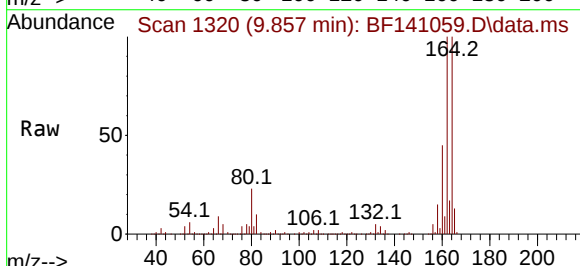
Delta R.T. -0.006 min

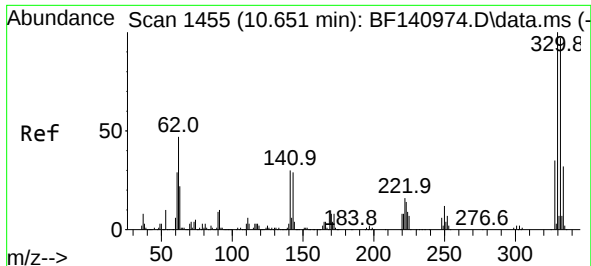
Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Tgt Ion:164 Resp: 591922

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.8	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 150.160 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB165929BL

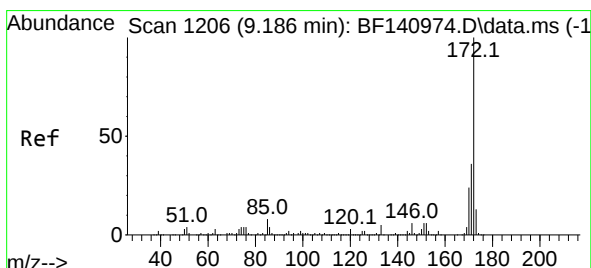
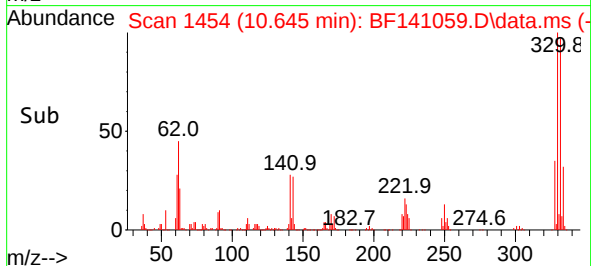
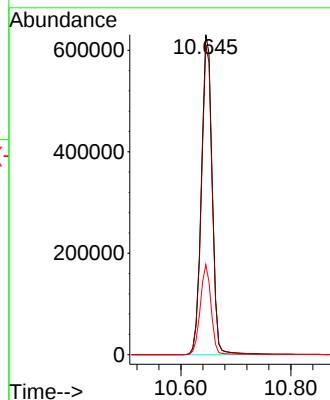
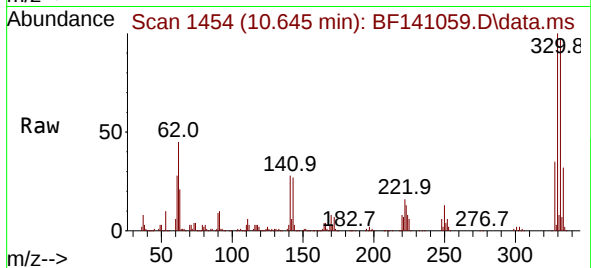
Tgt Ion:330 Resp: 863682

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 28.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 84.426 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

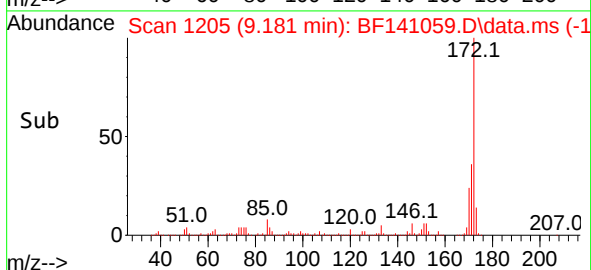
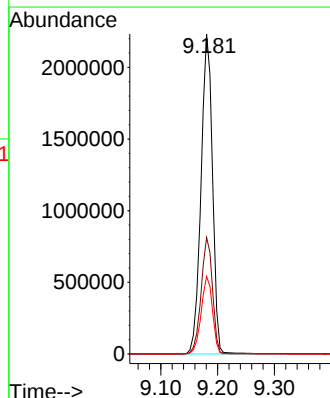
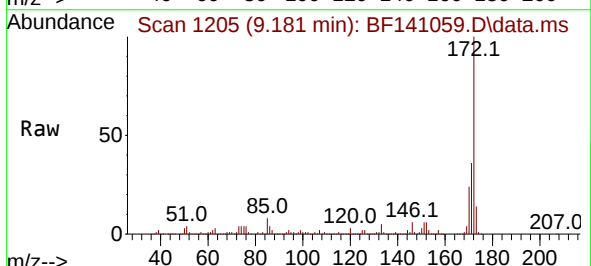
Tgt Ion:172 Resp: 3136594

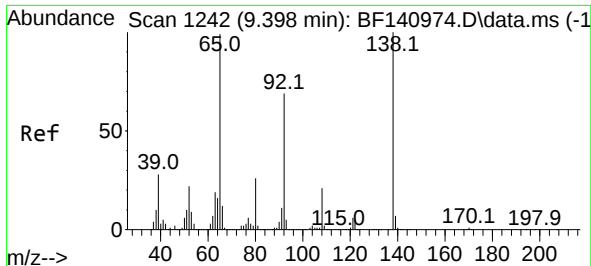
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.2 19.6 29.4

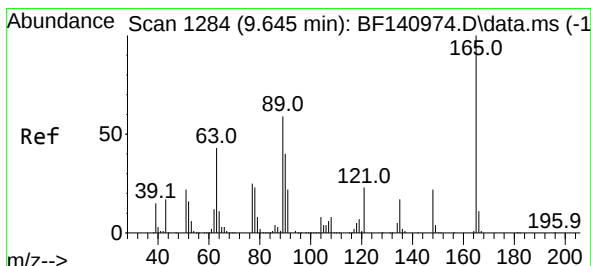
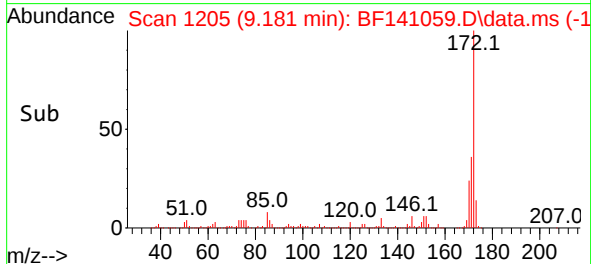
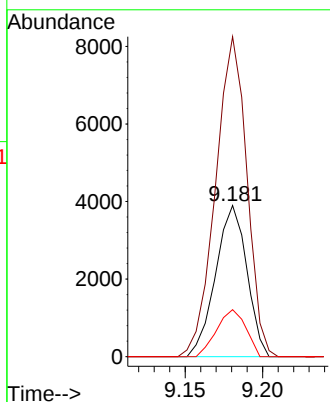
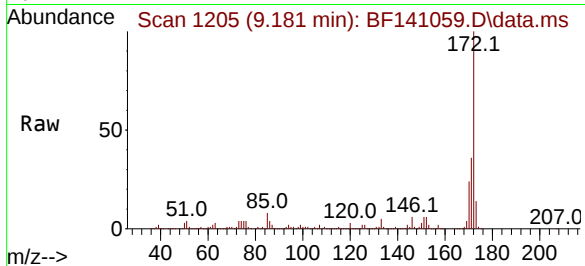




#48
2-Nitroaniline
Concen: 5.180 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

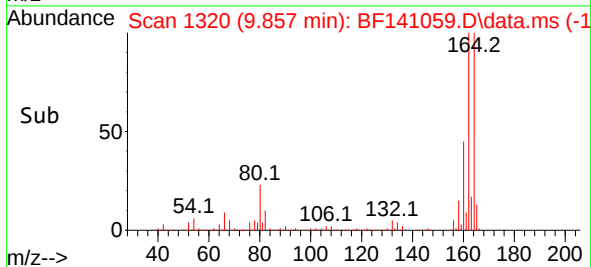
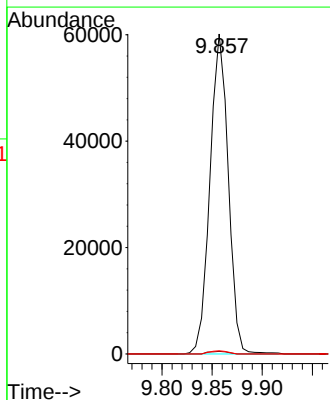
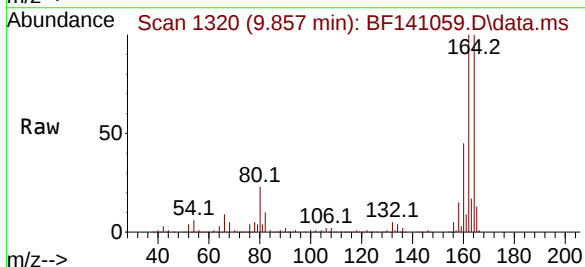
Instrument :
BNA_F
ClientSampleId :
PB165929BL

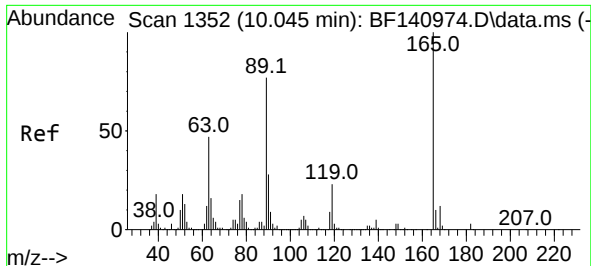
Tgt Ion: 65 Resp: 5461
Ion Ratio Lower Upper
65 100
92 211.6 55.6 83.4#
138 31.1 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 12.533 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

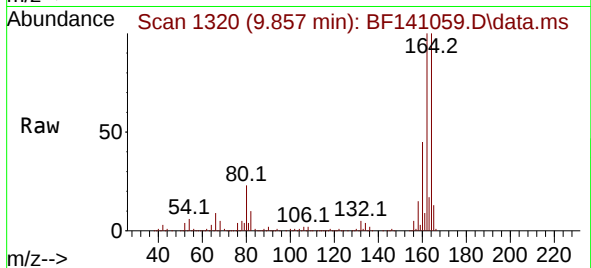
Tgt Ion: 165 Resp: 76307
Ion Ratio Lower Upper
165 100
63 0.8 47.1 70.7#
89 1.0 47.0 70.4#



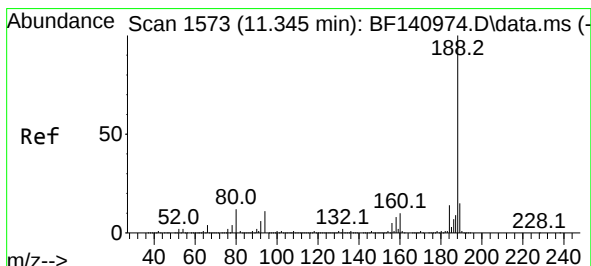
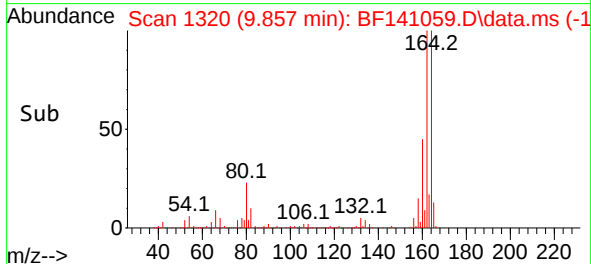
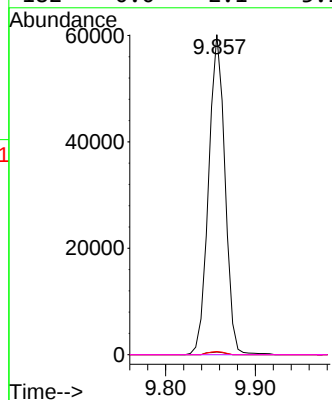


#57
2,4-Dinitrotoluene
Concen: 11.616 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Instrument :
BNA_F
ClientSampleId :
PB165929BL

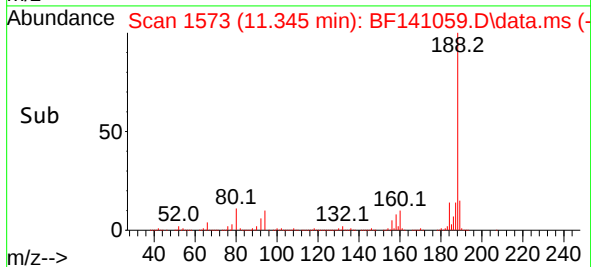
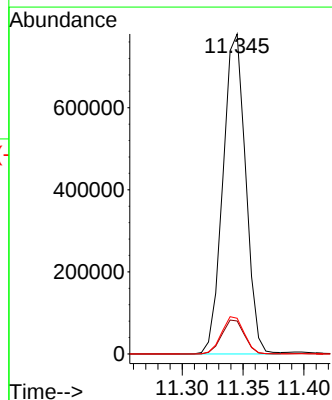
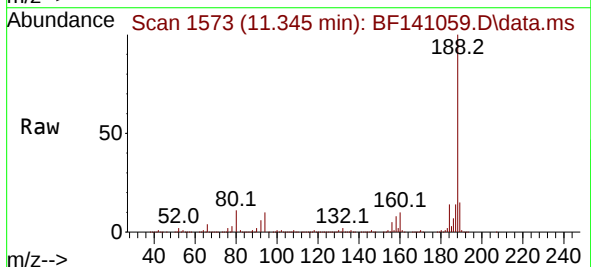


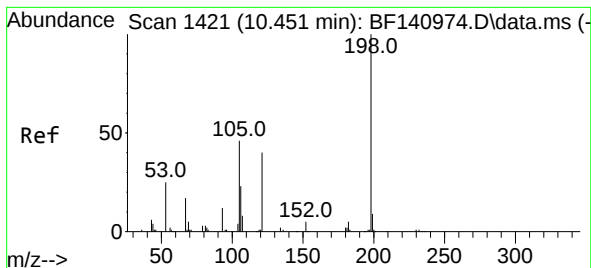
Tgt Ion:165 Resp: 76297
Ion Ratio Lower Upper
165 100
63 0.8 38.1 57.1#
89 1.0 61.4 92.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Tgt Ion:188 Resp: 1014407
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.1 9.8 14.6

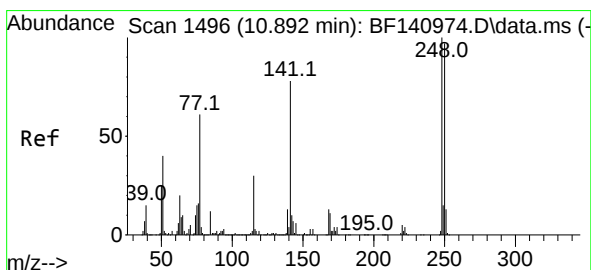
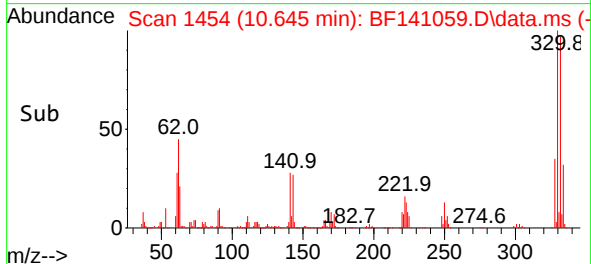
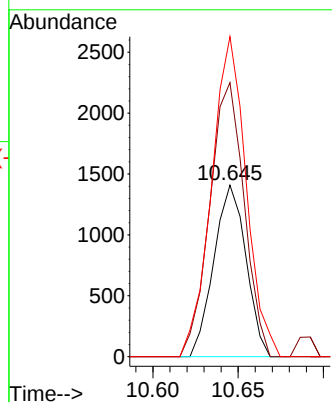
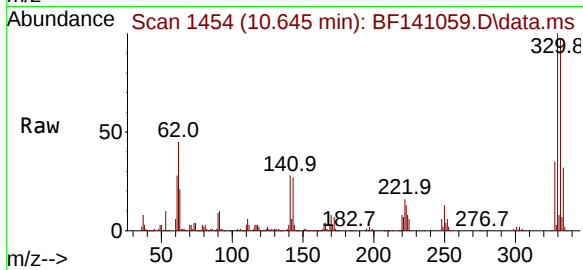




#65
4,6-Dinitro-2-methylphenol
Concen: 9.711 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.194 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

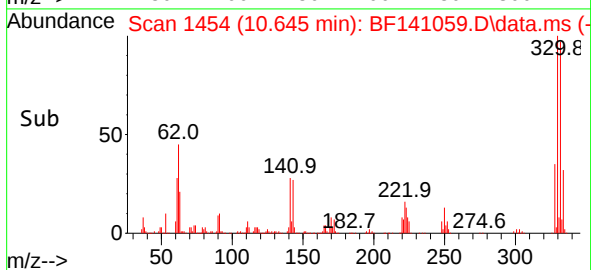
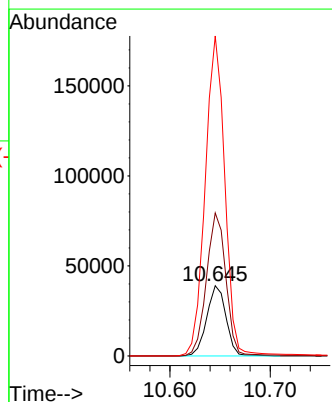
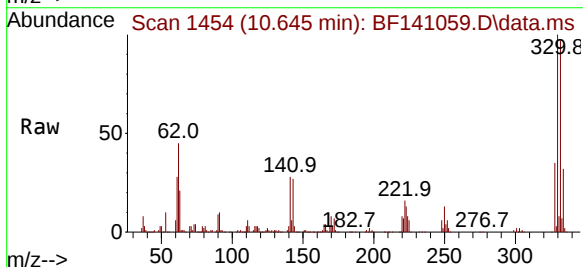
Instrument :
BNA_F
ClientSampleId :
PB165929BL

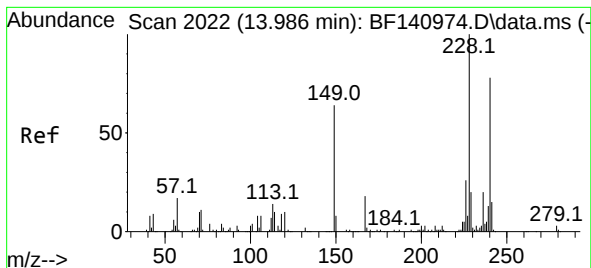
Tgt Ion:198 Resp: 1847
Ion Ratio Lower Upper
198 100
51 159.9 32.3 72.3#
105 186.6 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 4.754 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Tgt Ion:248 Resp: 52134
Ion Ratio Lower Upper
248 100
250 203.6 77.7 116.5#
141 455.3 62.1 93.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB165929BL

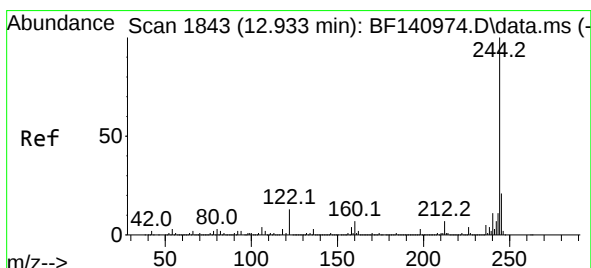
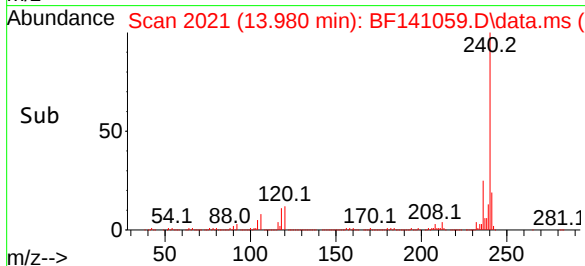
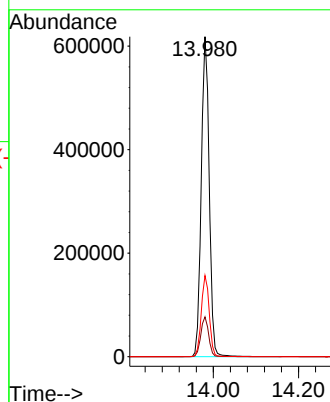
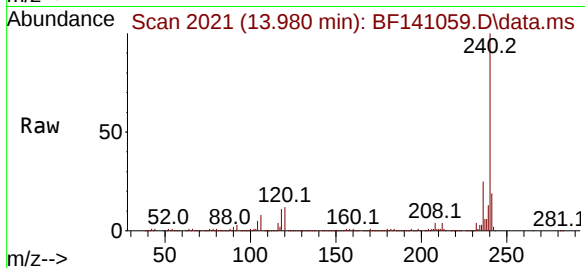
Tgt Ion:240 Resp: 801062

Ion Ratio Lower Upper

240 100

120 12.4 10.7 16.1

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 77.538 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141059.D

Acq: 02 Jan 2025 10:25

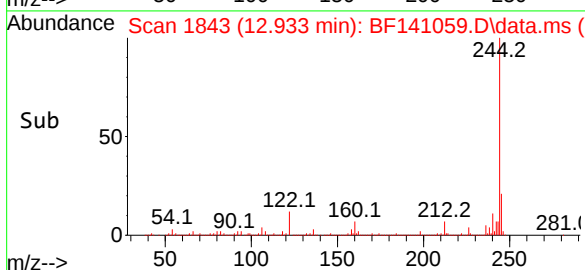
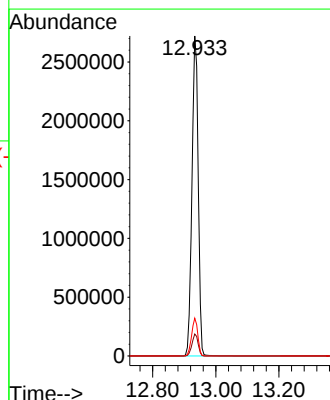
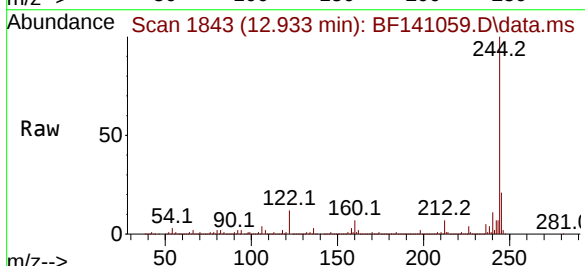
Tgt Ion:244 Resp: 3739477

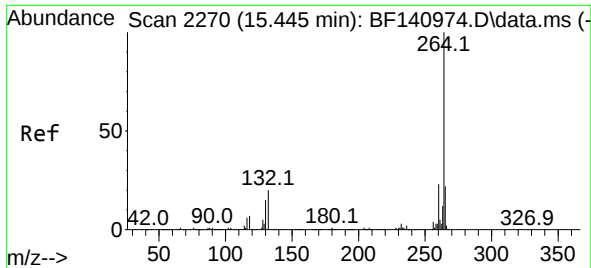
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.8 10.2 15.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141059.D
Acq: 02 Jan 2025 10:25

Instrument :
BNA_F
ClientSampleId :
PB165929BL

Tgt Ion:264 Resp: 608827
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.6 17.4 26.2

