

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133634.D
 Acq On : 08 Jun 2023 10:23
 Operator : CG\JU
 Sample : PB153208BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153261BL

Quant Time: Jun 08 11:24:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 07 11:27:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

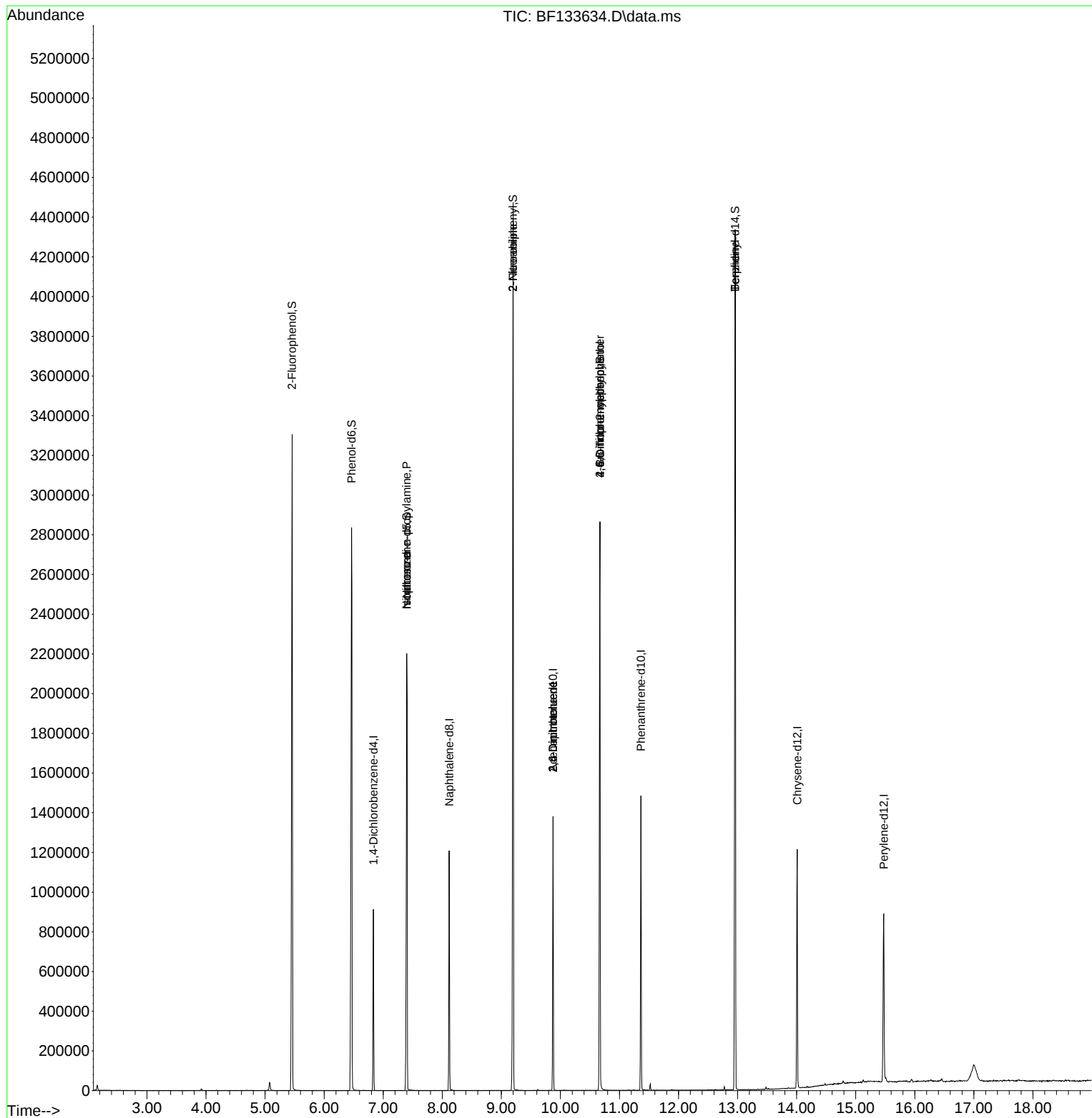
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	119002	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	466658	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	239123	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	496504	20.000	ng	0.00
76) Chrysene-d12	14.010	240	388562	20.000	ng	0.00
86) Perylene-d12	15.474	264	381833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	928073	130.120	ng	0.01
7) Phenol-d6	6.463	99	1136103	129.395	ng	0.00
23) Nitrobenzene-d5	7.398	82	758272	108.492	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	376835	158.094	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1365946	88.166	ng	0.00
79) Terphenyl-d14	12.957	244	1754986	80.305	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.463	77	1786	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	106158	18.687	ng	# 78
25) Isophorone	7.398	82	754805	46.339	ng	# 65
48) 2-Nitroaniline	9.198	65	2296	4.456	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	30766	12.572	ng	# 18
57) 2,4-Dinitrotoluene	9.875	165	30766	11.736	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.669	198	769	9.022	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	21998	4.172	ng	# 1
77) Benzidine	12.957	184	23684	2.084	ng	# 95

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

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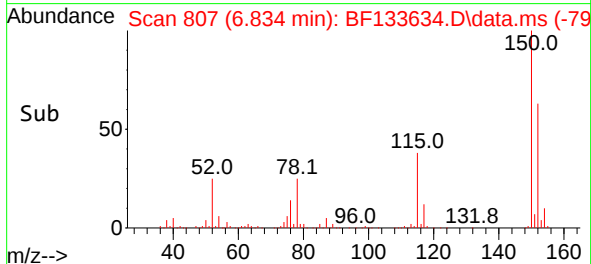
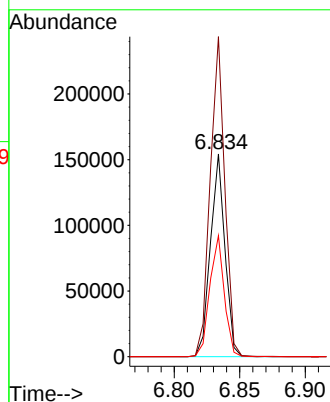
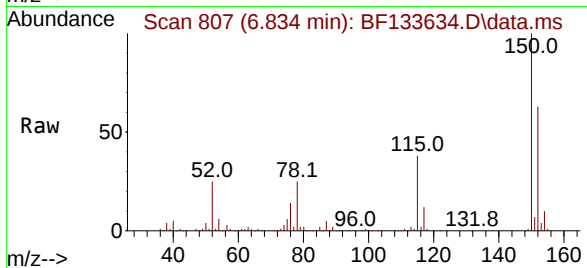




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

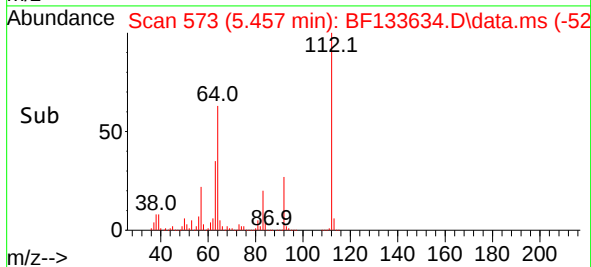
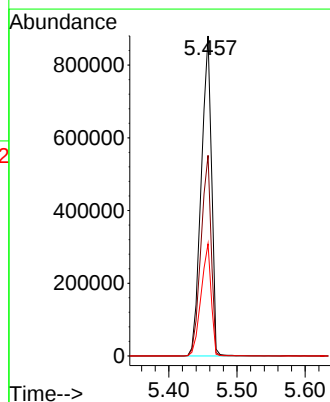
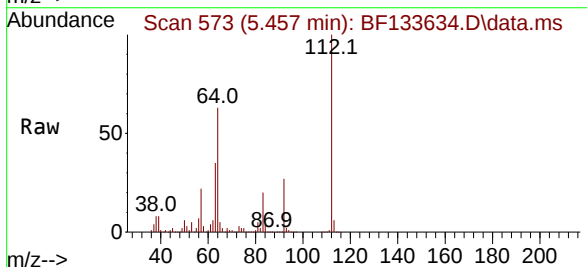
Instrument :
BNA_F
ClientSampleId :
PB153261BL

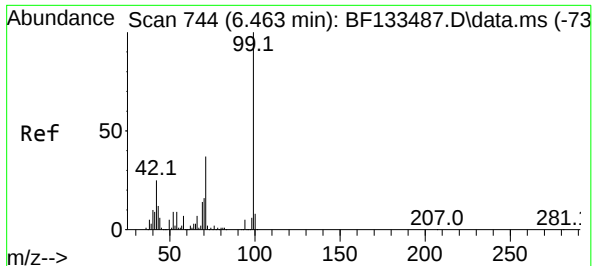
Tgt Ion:152 Resp: 119002
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 59.7 48.1 72.1



#5
2-Fluorophenol
Concen: 130.120 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

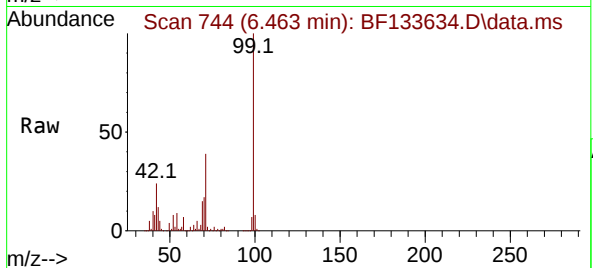
Tgt Ion:112 Resp: 928073
Ion Ratio Lower Upper
112 100
64 62.7 50.1 75.1
63 35.1 27.5 41.3





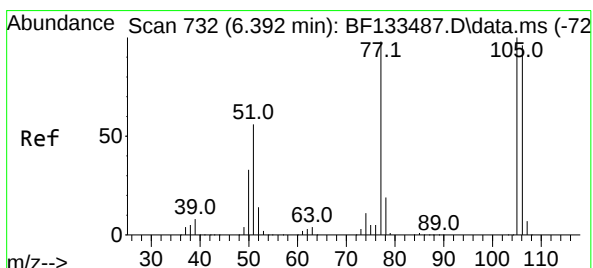
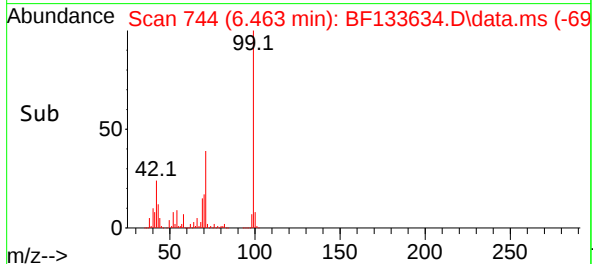
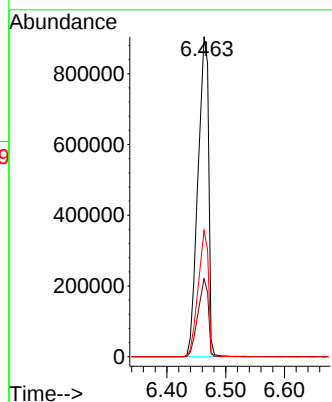
#7
Phenol-d6
Concen: 129.395 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

Instrument :
BNA_F
ClientSampleId :
PB153261BL



Tgt Ion: 99 Resp: 1136103

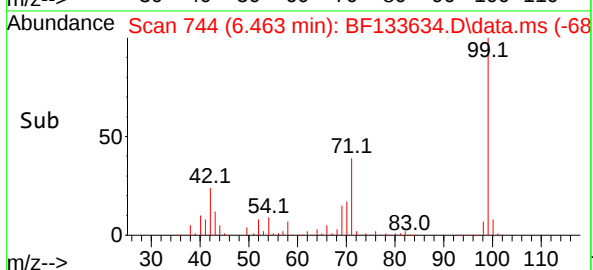
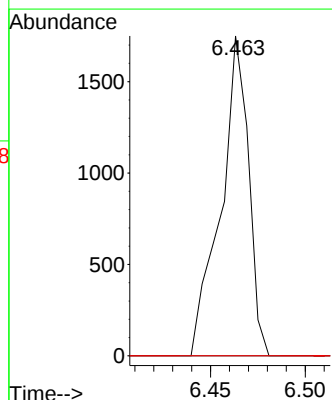
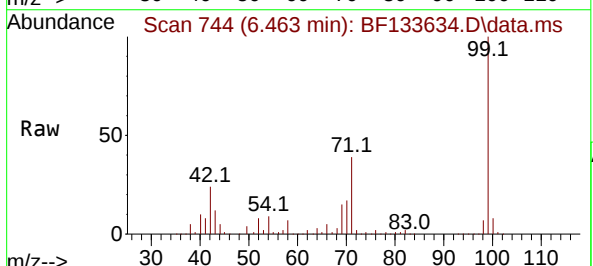
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.7	29.5
71	39.4	29.8	44.8

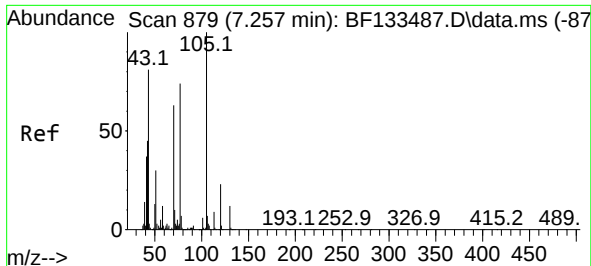


#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. 0.077 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

Tgt Ion: 77 Resp: 1786

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.9	121.9#
106	0.0	77.8	117.8#

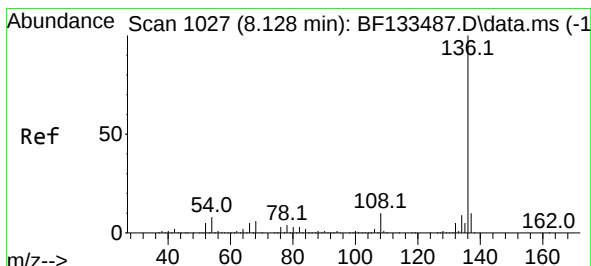
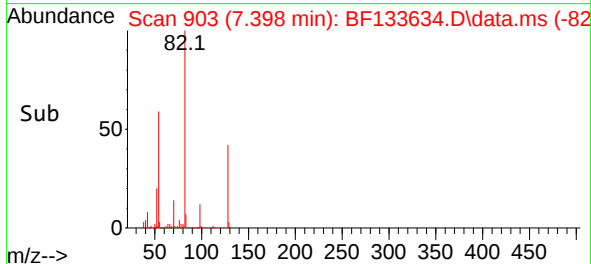
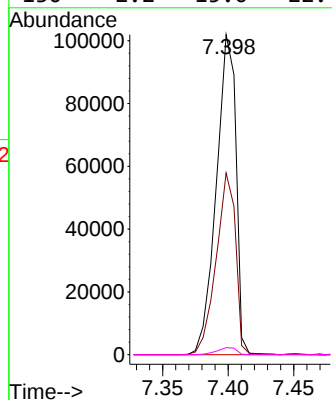
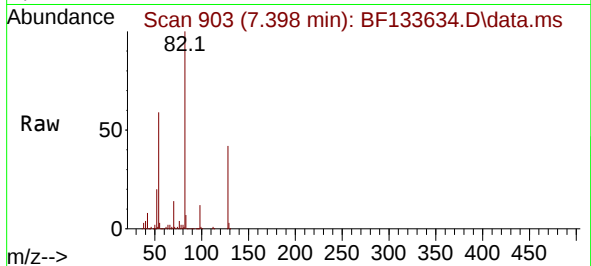




#19
n-Nitroso-di-n-propylamine
Concen: 18.687 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

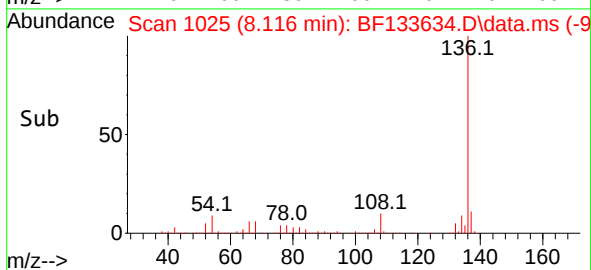
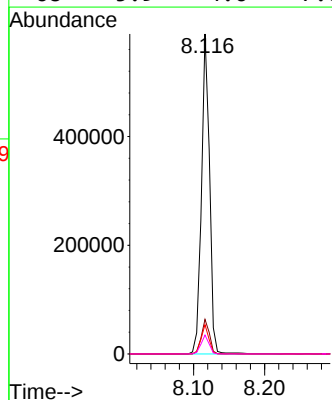
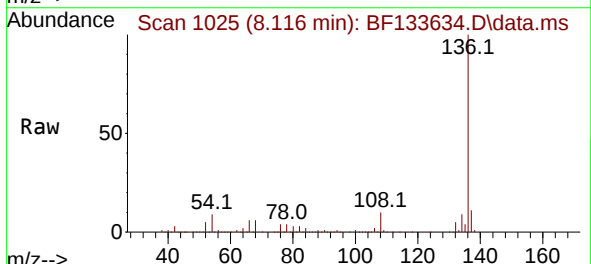
Instrument :
BNA_F
ClientSampleId :
PB153261BL

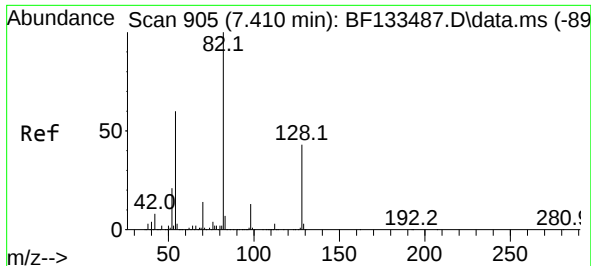
Tgt Ion: 70 Resp: 106158
Ion Ratio Lower Upper
70 100
42 56.8 57.2 85.8#
101 0.0 7.3 10.9#
130 2.2 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

Tgt Ion: 136 Resp: 466658
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 9.2 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 108.492 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

Instrument :

BNA_F

ClientSampleId :

PB153261BL

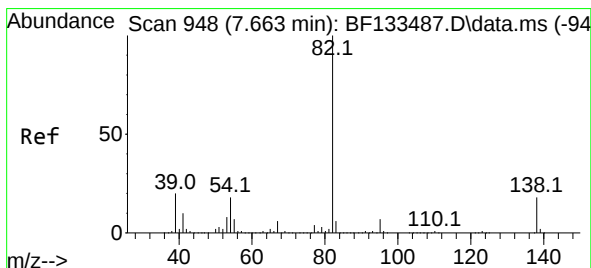
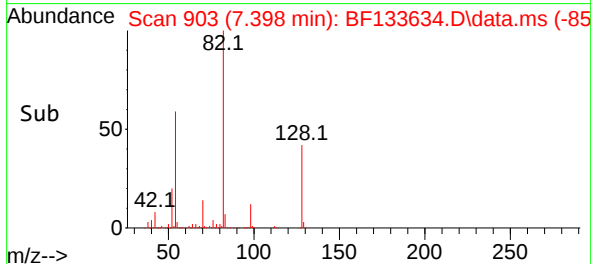
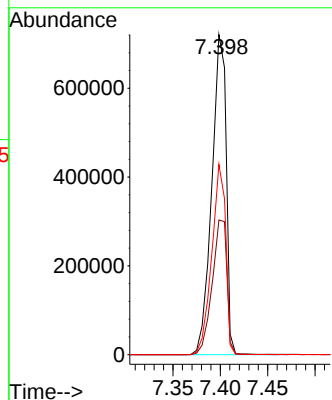
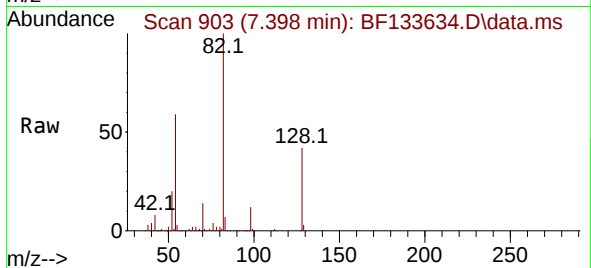
Tgt Ion: 82 Resp: 758272

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.4

54 59.4 48.2 72.4



#25

Isophorone

Concen: 46.339 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.264 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

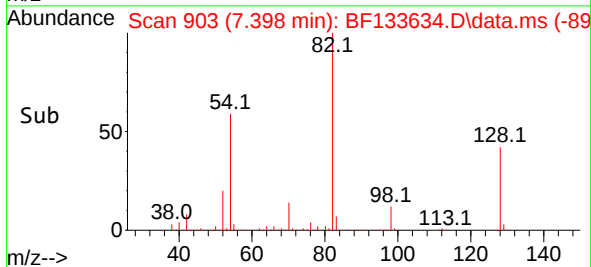
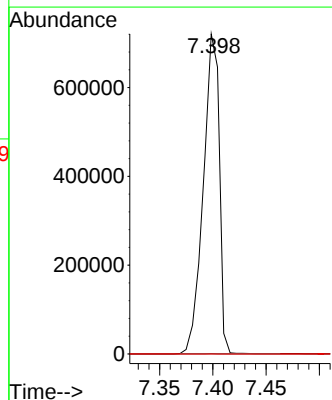
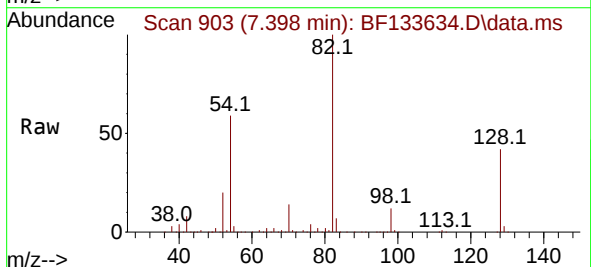
Tgt Ion: 82 Resp: 754805

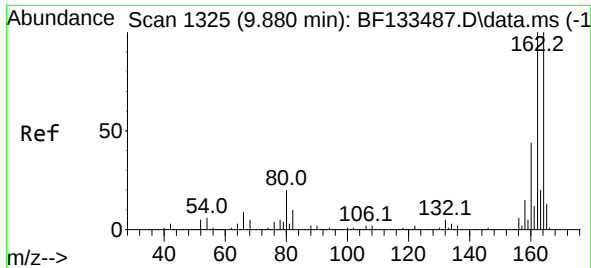
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

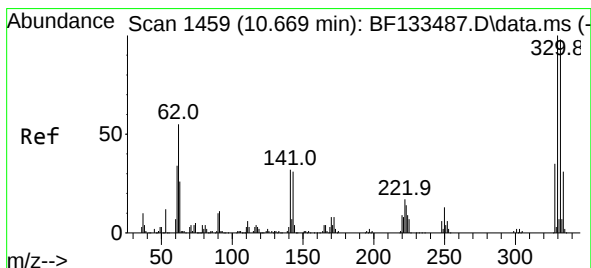
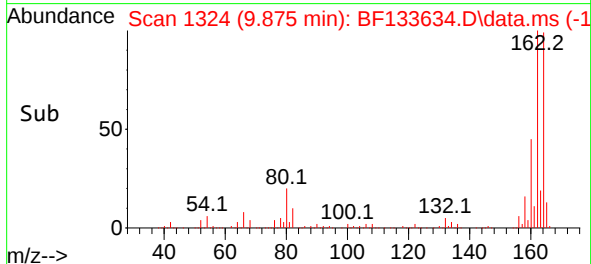
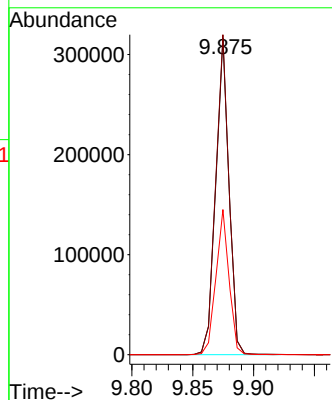
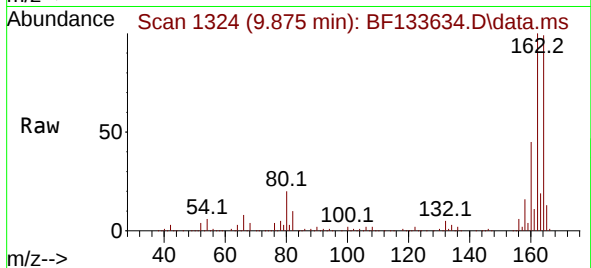




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

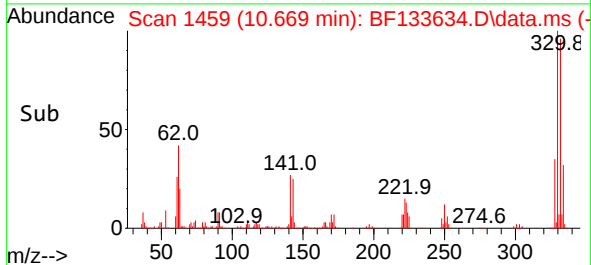
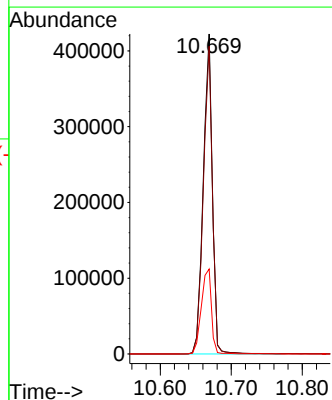
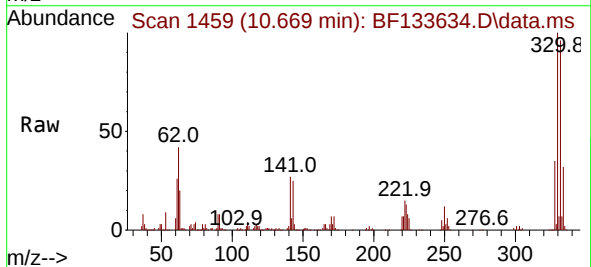
Instrument :
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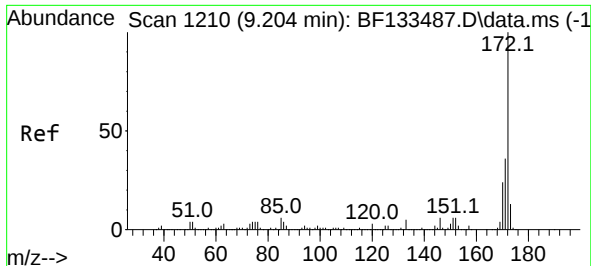
Tgt Ion:164 Resp: 239123
Ion Ratio Lower Upper
164 100
162 101.1 79.7 119.5
160 45.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 158.094 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

Tgt Ion:330 Resp: 376835
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 29.6 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 88.166 ng

RT: 9.198 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

Instrument :

BNA_F

ClientSampleId :

PB153261BL

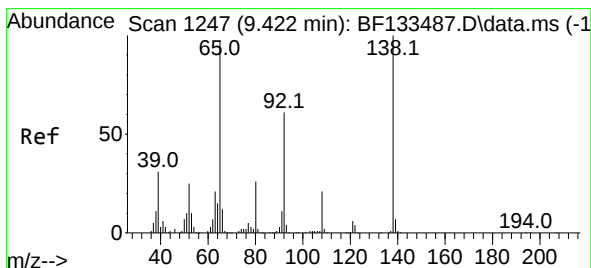
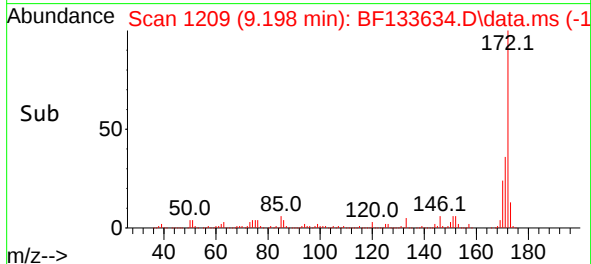
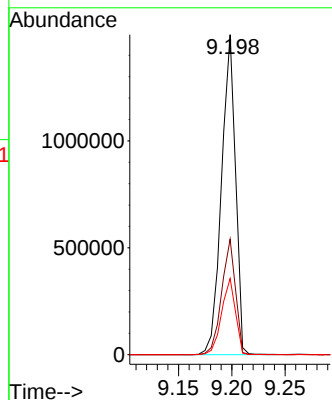
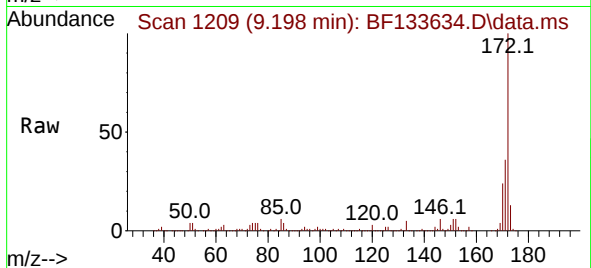
Tgt Ion:172 Resp: 1365946

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.8 19.3 28.9



#48

2-Nitroaniline

Concen: 4.456 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.223 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

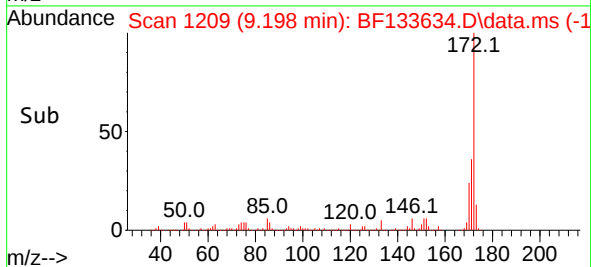
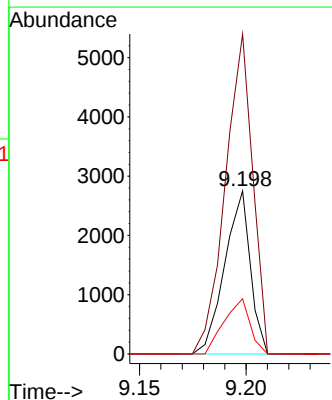
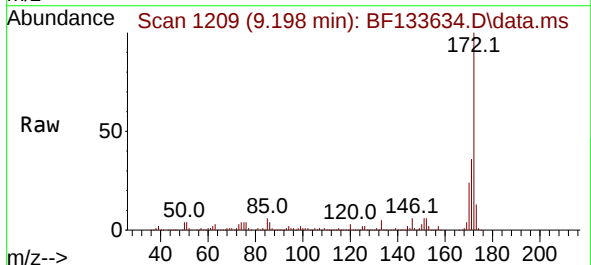
Tgt Ion: 65 Resp: 2296

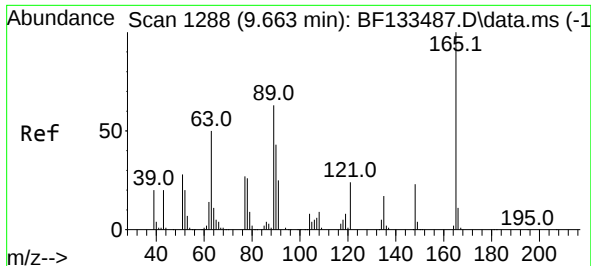
Ion Ratio Lower Upper

65 100

92 196.2 50.8 76.2#

138 33.8 82.6 124.0#





#51

2,6-Dinitrotoluene

Concen: 12.572 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

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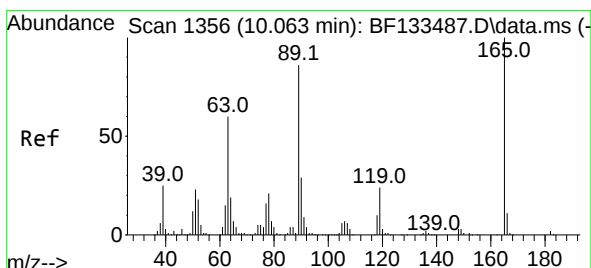
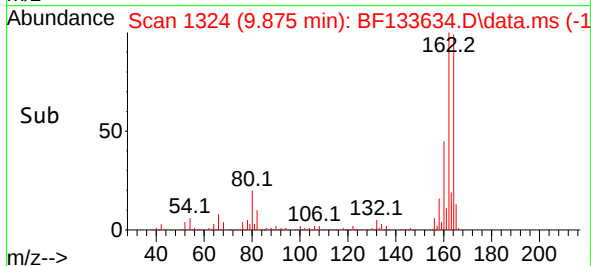
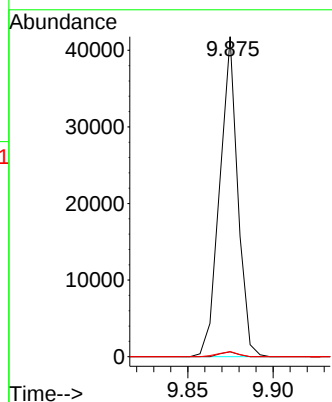
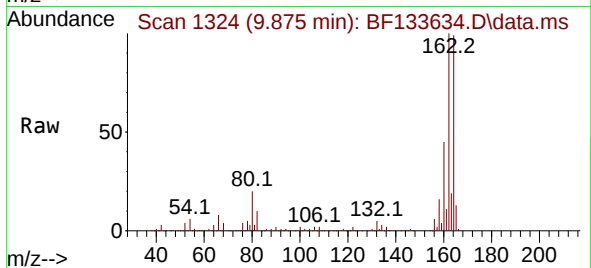
Tgt Ion:165 Resp: 30766

Ion Ratio Lower Upper

165 100

63 1.5 57.0 85.4#

89 1.6 50.8 76.2#



#57

2,4-Dinitrotoluene

Concen: 11.736 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.194 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

Tgt Ion:165 Resp: 30766

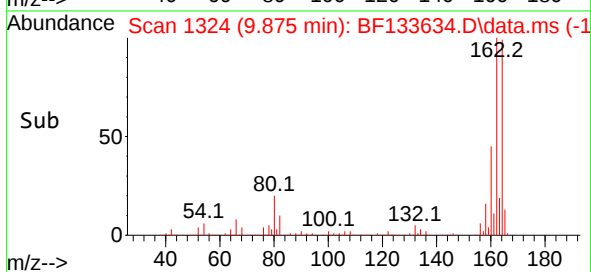
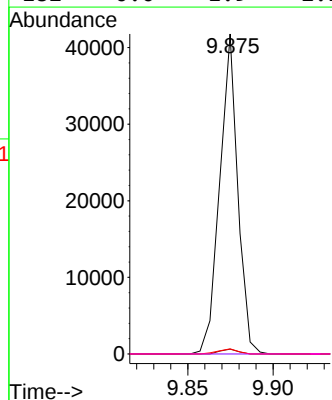
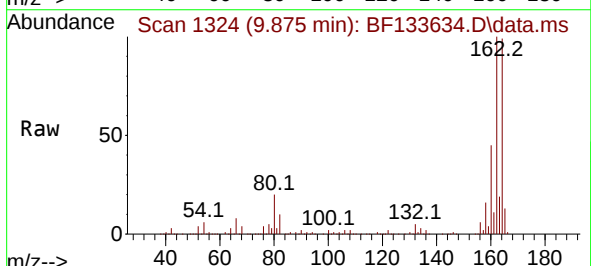
Ion Ratio Lower Upper

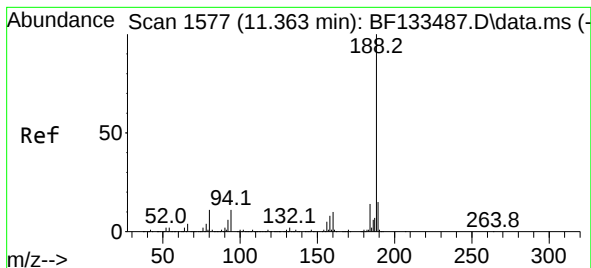
165 100

63 1.5 48.1 72.1#

89 1.6 68.4 102.6#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

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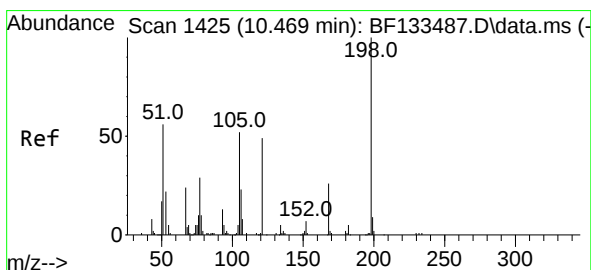
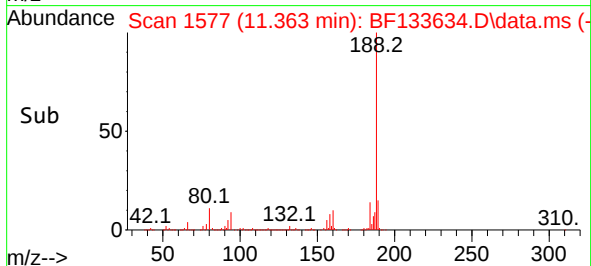
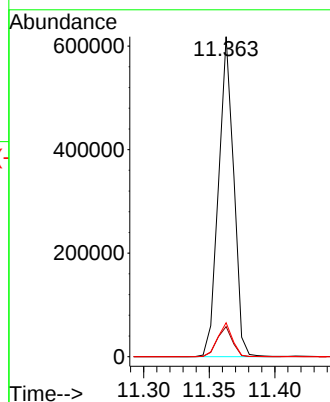
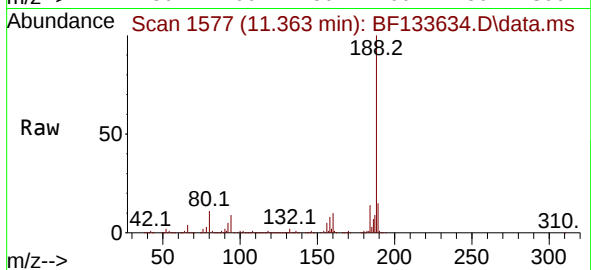
Tgt Ion:188 Resp: 496504

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

80 10.6 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 9.022 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.188 min

Lab File: BF133634.D

Acq: 08 Jun 2023 10:23

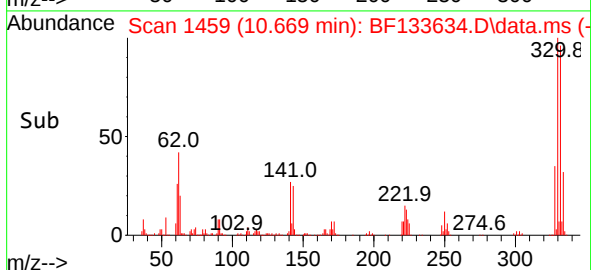
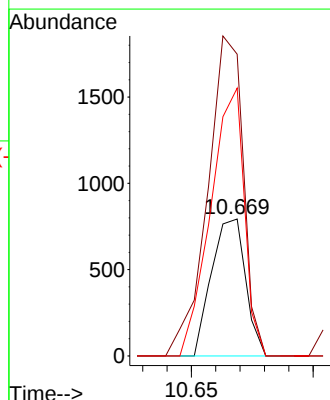
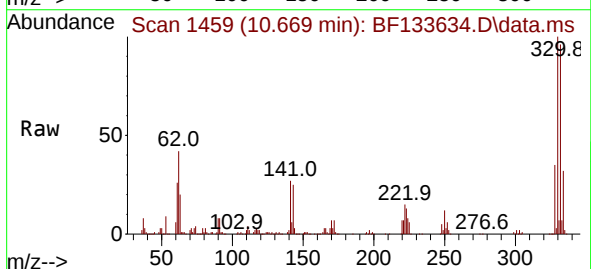
Tgt Ion:198 Resp: 769

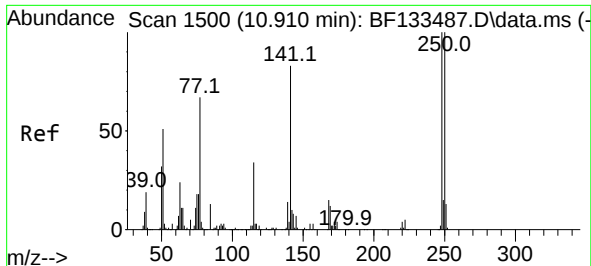
Ion Ratio Lower Upper

198 100

51 220.4 53.6 93.6#

105 195.7 35.9 75.9#

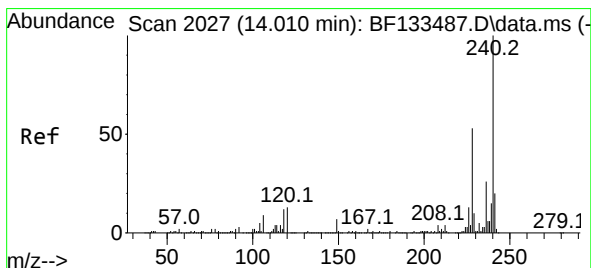
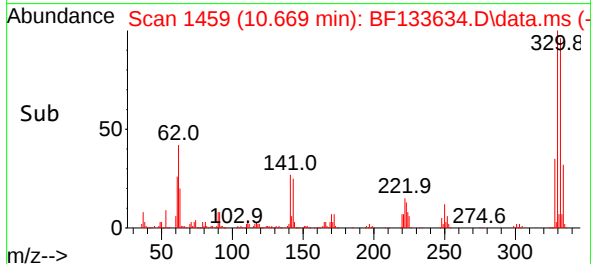
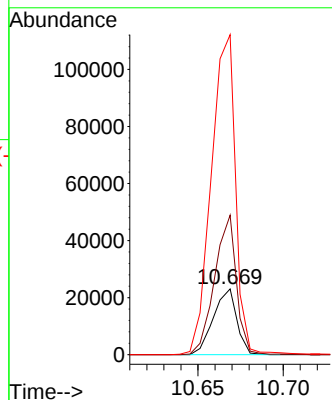
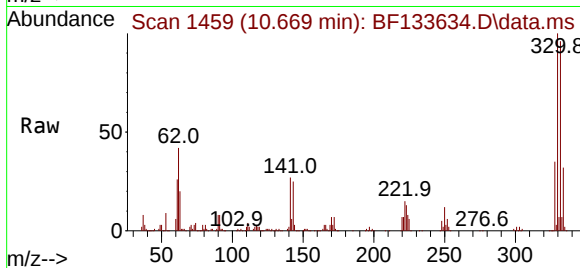




#67
4-Bromophenyl-phenylether
Concen: 4.172 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

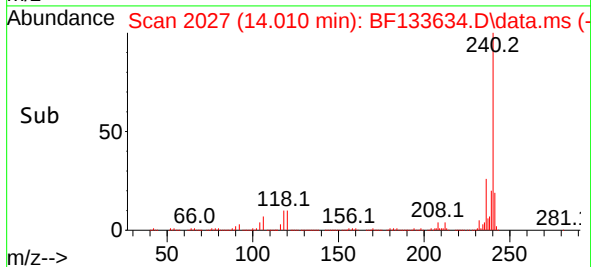
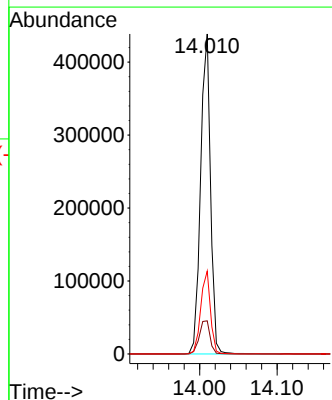
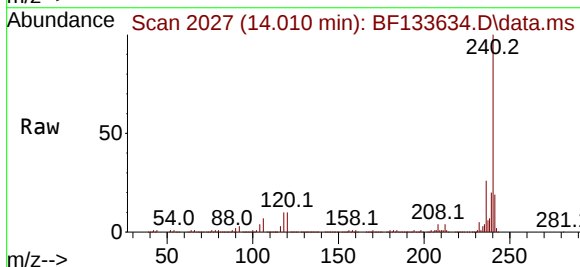
Instrument :
BNA_F
ClientSampleId :
PB153261BL

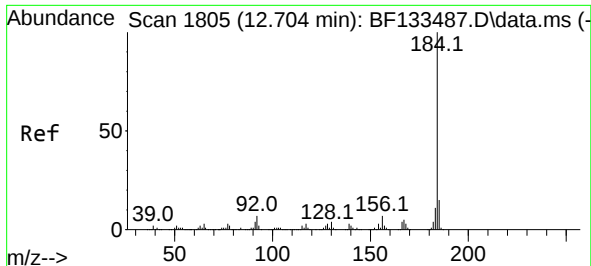
Tgt Ion:248 Resp: 21998
Ion Ratio Lower Upper
248 100
250 212.1 79.7 119.5#
141 486.3 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

Tgt Ion:240 Resp: 388562
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5
236 25.9 20.5 30.7

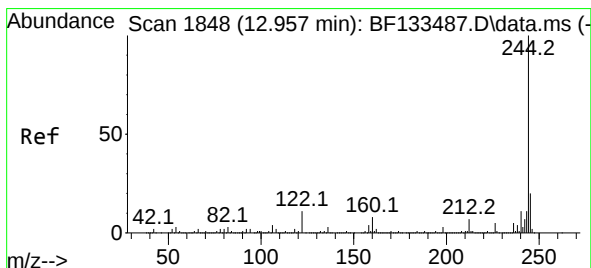
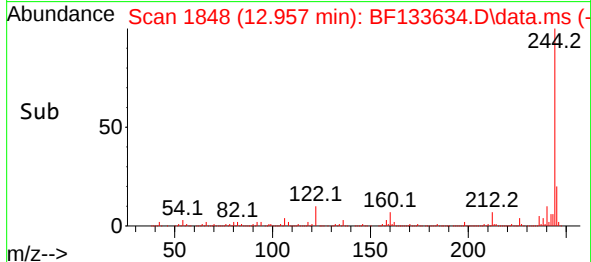
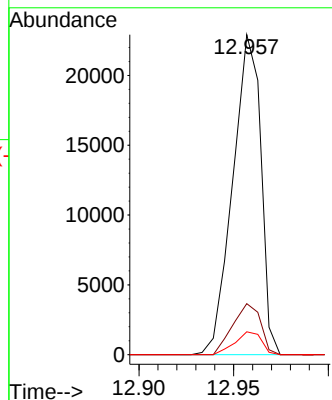
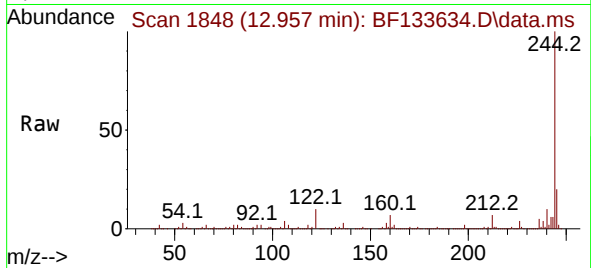




#77
Benzidine
Concen: 2.084 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

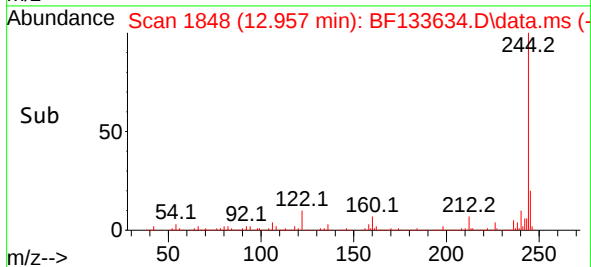
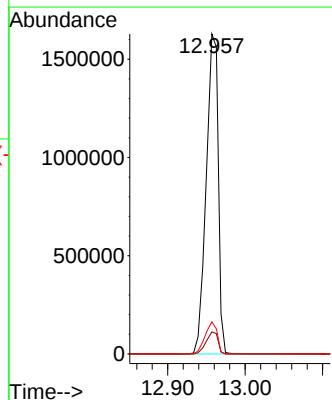
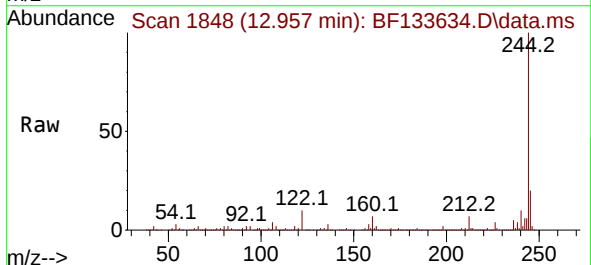
Instrument :
BNA_F
ClientSampleId :
PB153261BL

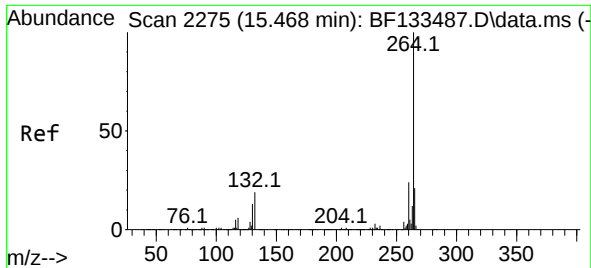
Tgt Ion:184 Resp: 23684
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 7.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 80.305 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

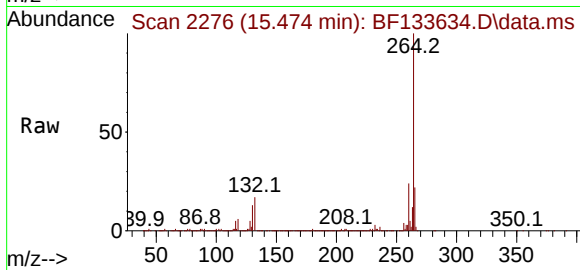
Tgt Ion:244 Resp: 1754986
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.0 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133634.D
Acq: 08 Jun 2023 10:23

Instrument :
BNA_F
ClientSampleId :
PB153261BL



Tgt Ion:264 Resp: 381833
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.0 16.8 25.2

