

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133618.D
 Acq On : 07 Jun 2023 10:58
 Operator : CG\JU
 Sample : PB153236BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153236BL

Quant Time: Jun 07 11:19:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

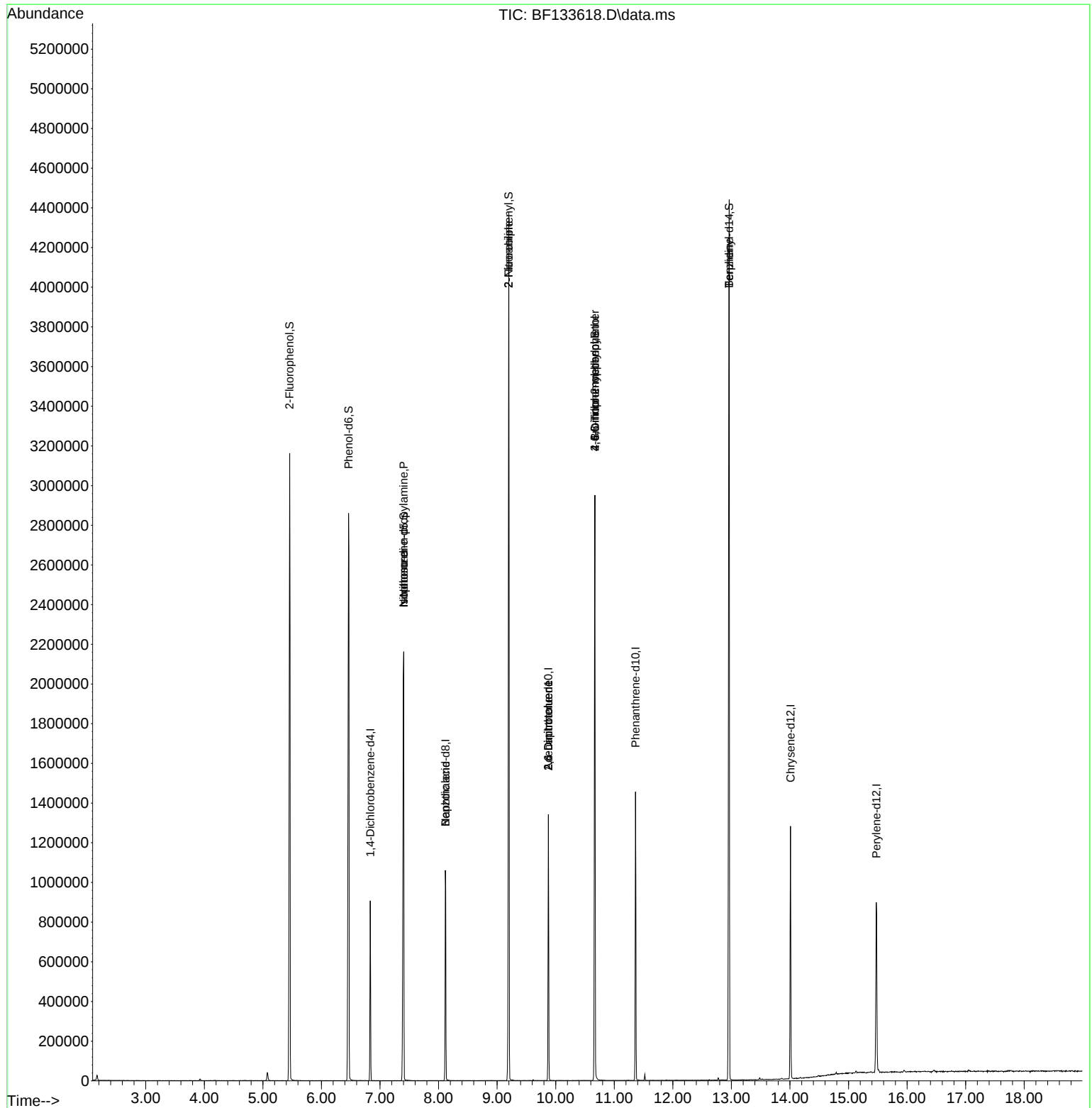
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	120732	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	463077	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	240269	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	499025	20.000	ng	0.00
76) Chrysene-d12	14.010	240	398257	20.000	ng	0.00
86) Perylene-d12	15.474	264	403774	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	935182	129.238	ng	0.02
7) Phenol-d6	6.463	99	1141563	128.154	ng	0.00
23) Nitrobenzene-d5	7.404	82	748497	107.922	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	375909	156.953	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1359753	87.348	ng	0.00
79) Terphenyl-d14	12.963	244	1768156	78.938	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.463	77	1838	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	104702	18.167	ng	# 74
25) Isophorone	7.404	82	746140	46.161	ng	# 65
32) Benzoic acid	8.116	122	70	7.362	ng	# 1
48) 2-Nitroaniline	9.198	65	2071	4.409	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	29672	12.215	ng	# 18
57) 2,4-Dinitrotoluene	9.874	165	29672	11.456	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.669	198	832	9.045	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	22595	4.263	ng	# 1
77) Benzidine	12.963	184	23839	2.047	ng	# 95

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

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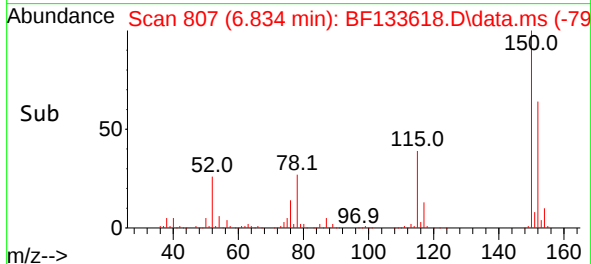
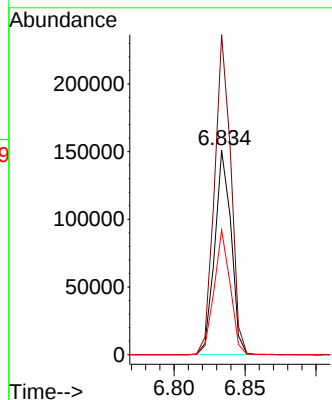
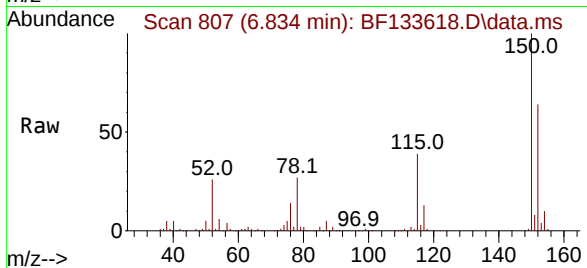




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

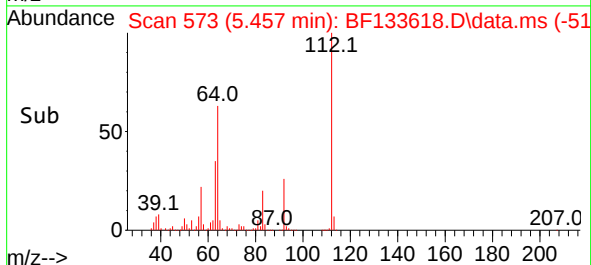
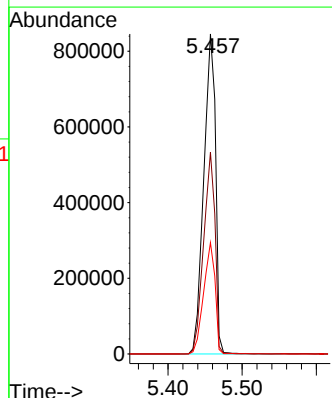
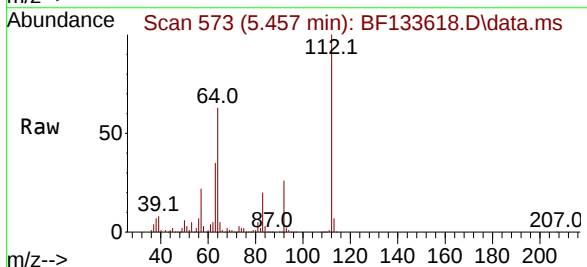
Instrument :
BNA_F
ClientSampleId :
PB153236BL

Tgt Ion:152 Resp: 120732
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 129.238 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.024 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Tgt Ion:112 Resp: 935182
Ion Ratio Lower Upper
112 100
64 63.1 50.1 75.1
63 34.8 27.5 41.3



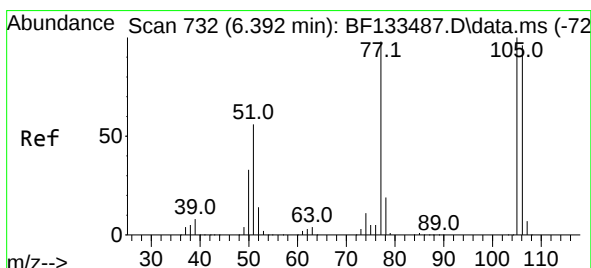
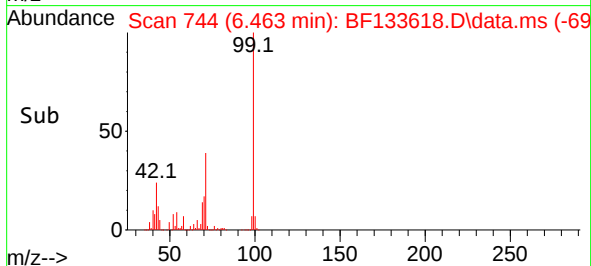
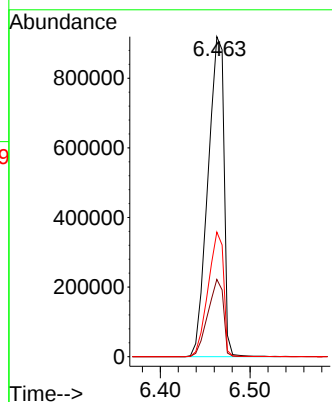
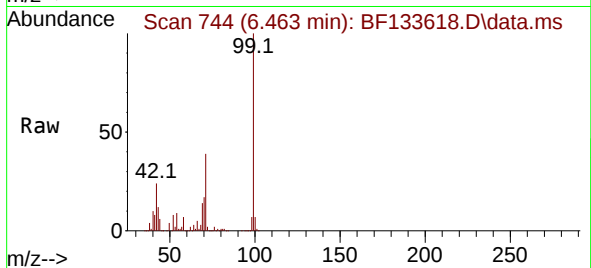


#7
Phenol-d6
Concen: 128.154 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Instrument :
BNA_F
ClientSampleId :
PB153236BL

Tgt Ion: 99 Resp: 1141563

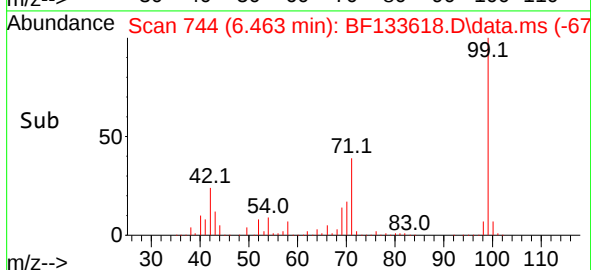
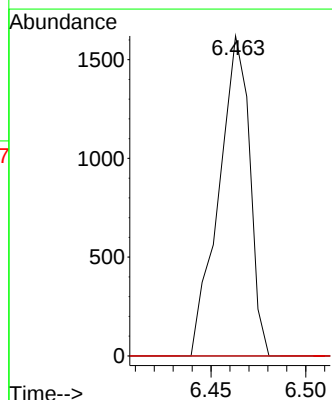
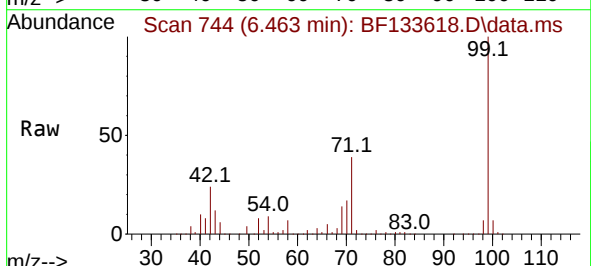
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.7	29.5
71	38.9	29.8	44.8

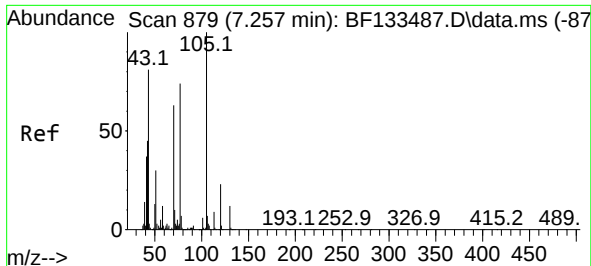


#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. 0.082 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Tgt Ion: 77 Resp: 1838

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

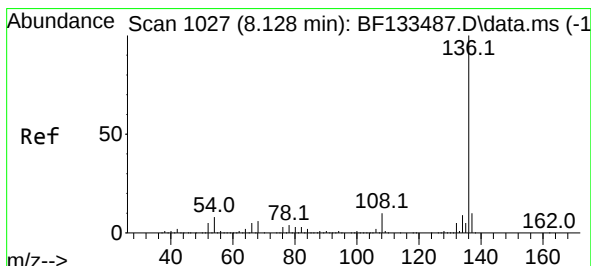
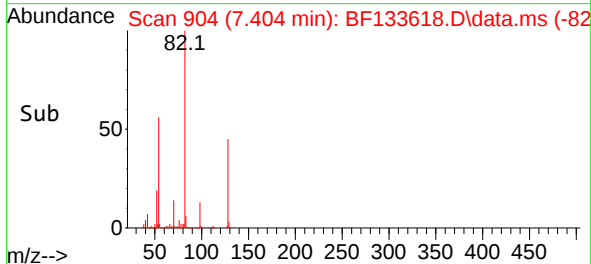
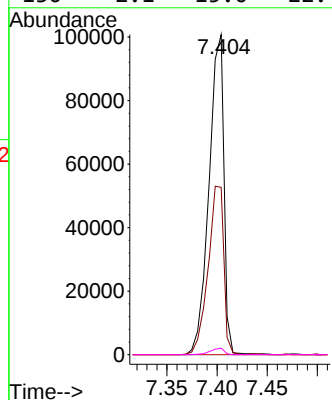
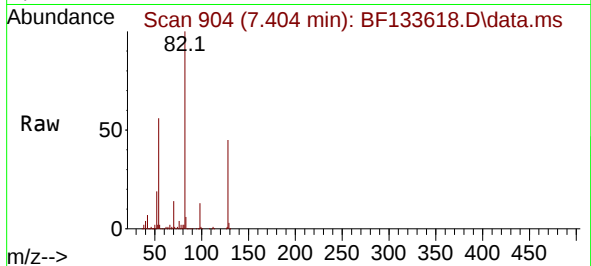




#19
n-Nitroso-di-n-propylamine
Concen: 18.167 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

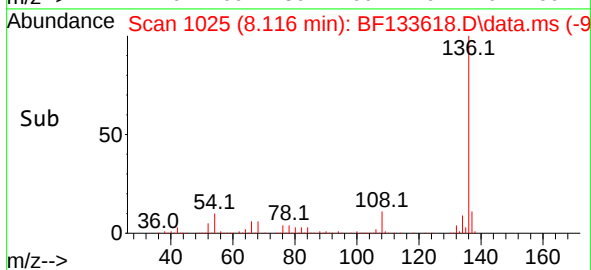
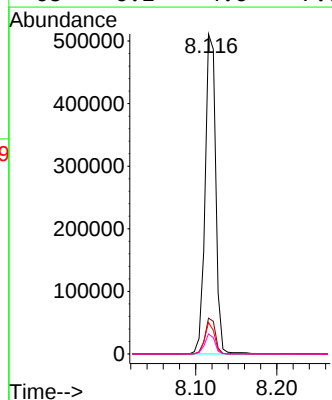
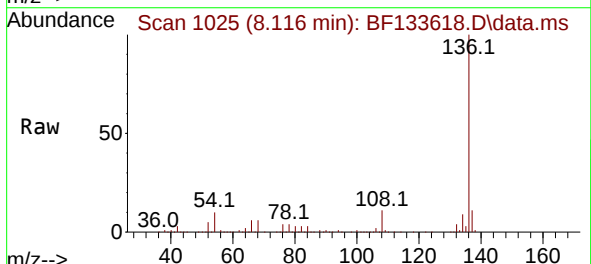
Instrument :
BNA_F
ClientSampleId :
PB153236BL

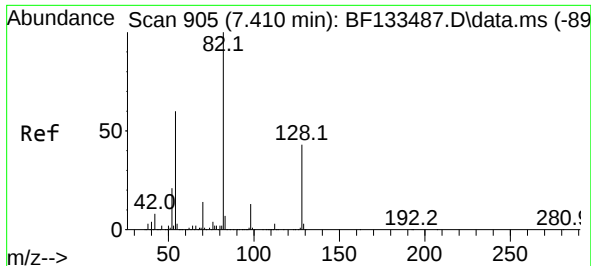
Tgt Ion: 70 Resp: 104702
Ion Ratio Lower Upper
70 100
42 52.3 57.2 85.8#
101 0.0 7.3 10.9#
130 2.1 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Tgt Ion: 136 Resp: 463077
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.8 6.6 10.0
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 107.922 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB153236BL

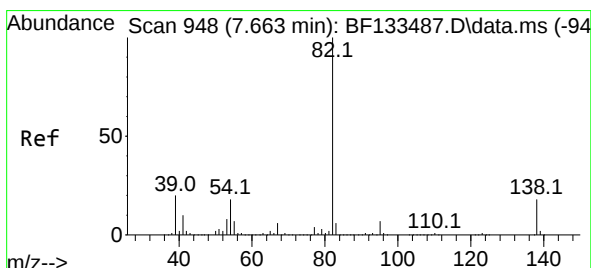
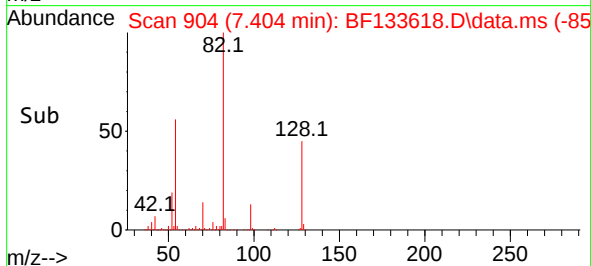
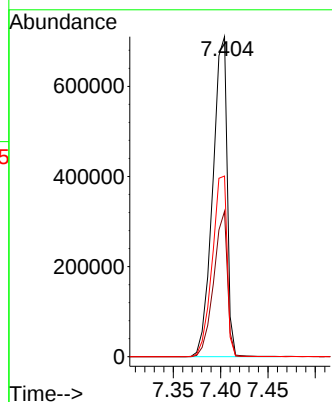
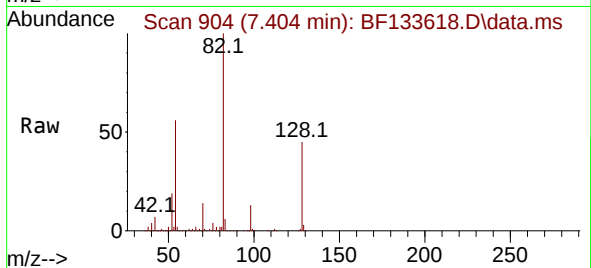
Tgt Ion: 82 Resp: 748497

Ion Ratio Lower Upper

82 100

128 45.4 34.2 51.4

54 56.5 48.2 72.4



#25

Isophorone

Concen: 46.161 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.253 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

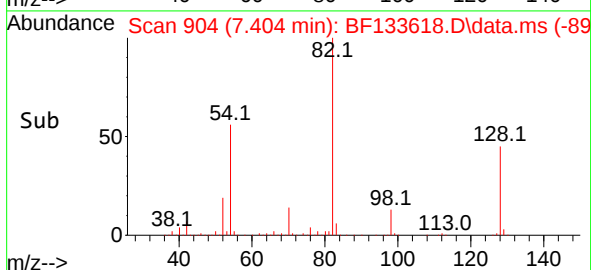
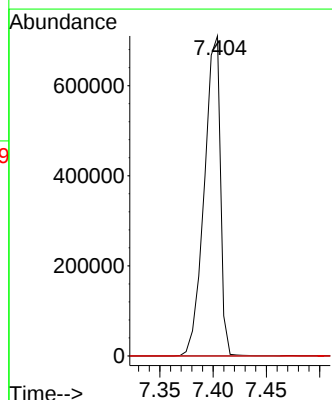
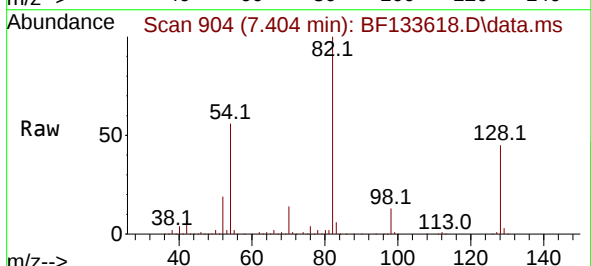
Tgt Ion: 82 Resp: 746140

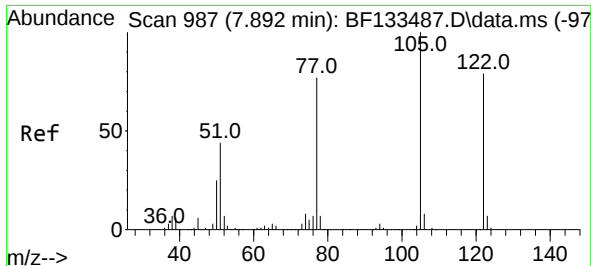
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

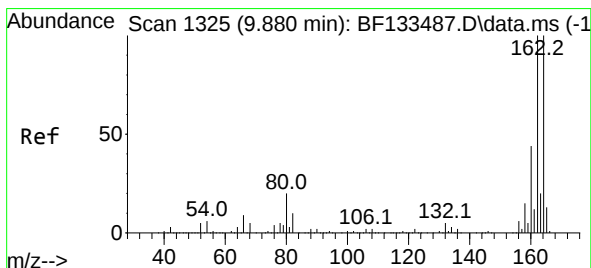
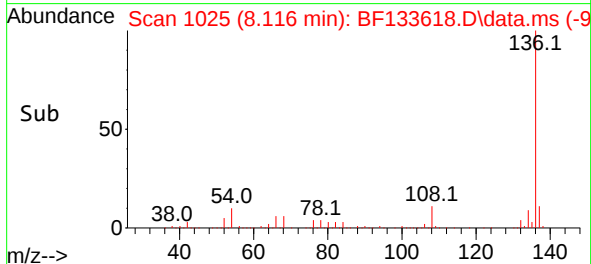
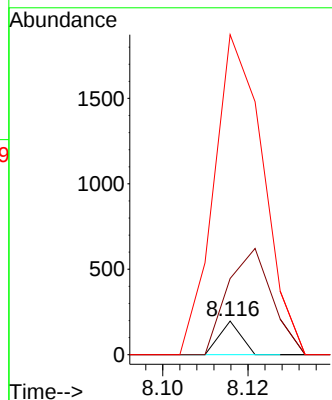
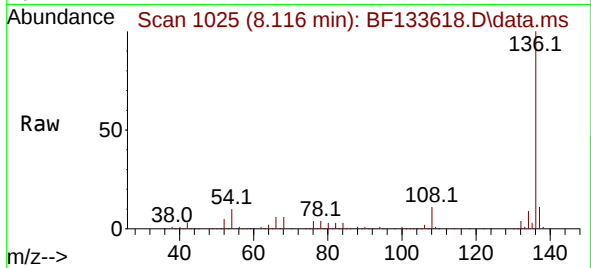




#32
Benzoic acid
Concen: 7.362 ng
RT: 8.116 min Scan# 10
Delta R.T. 0.253 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

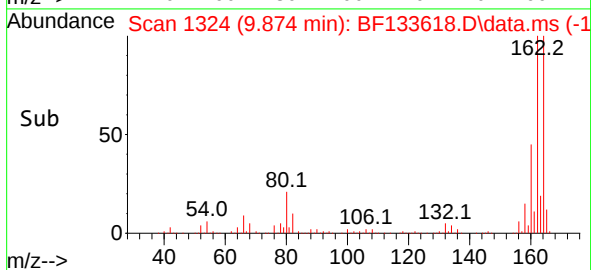
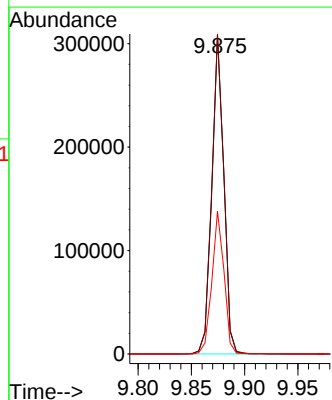
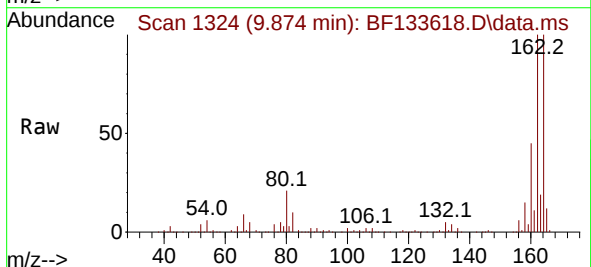
Instrument :
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ClientSampleId :
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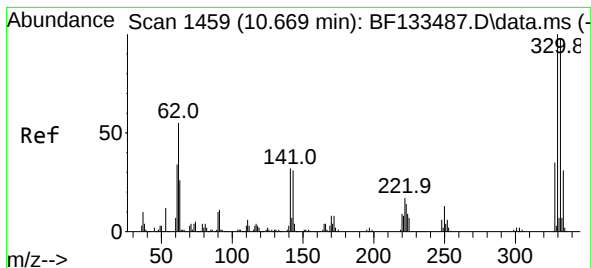
Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 226.4 103.3 143.3#
77 950.8 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Tgt Ion:164 Resp: 240269
Ion Ratio Lower Upper
164 100
162 99.9 79.7 119.5
160 44.6 35.4 53.0

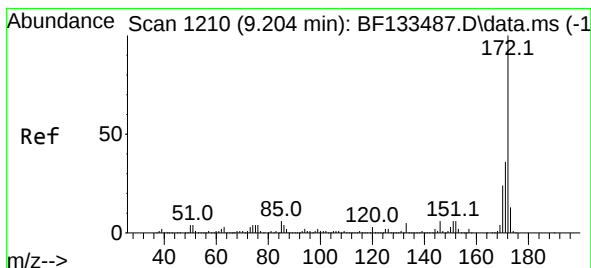
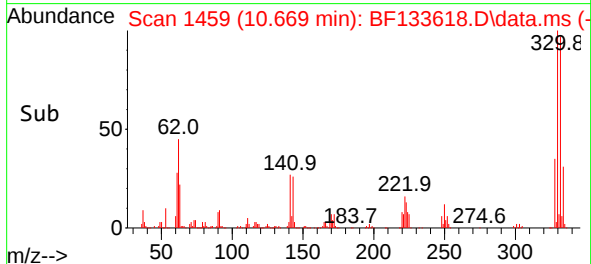
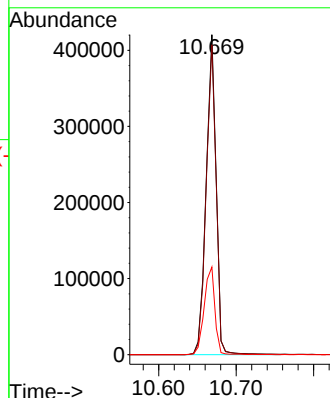
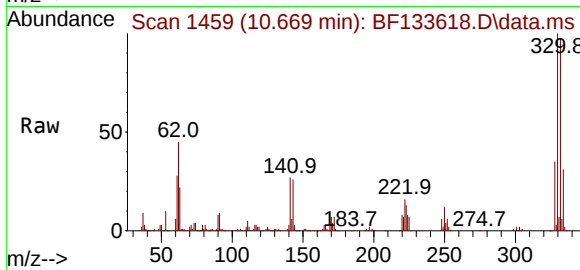




#42
2,4,6-Tribromophenol
Concen: 156.953 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

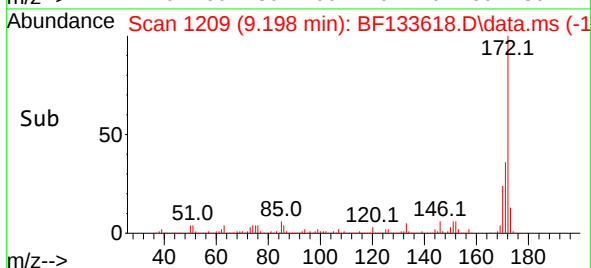
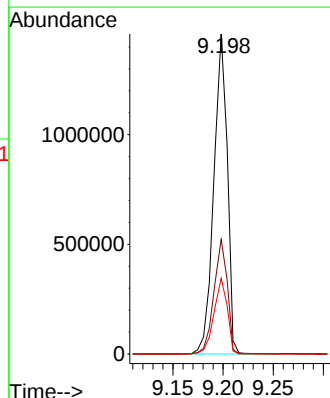
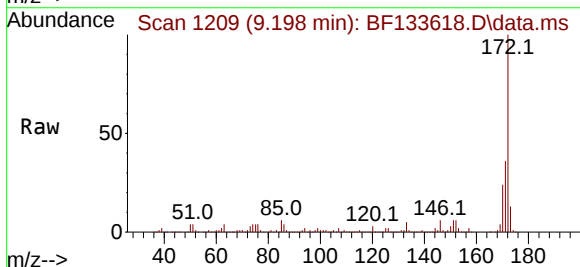
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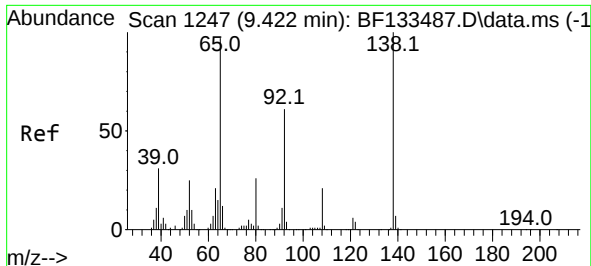
Tgt Ion:330 Resp: 375909
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 29.5 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 87.348 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Tgt Ion:172 Resp: 1359753
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.3 28.9

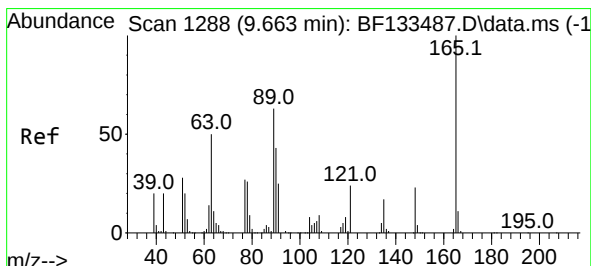
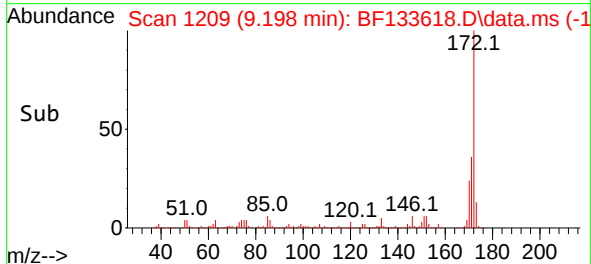
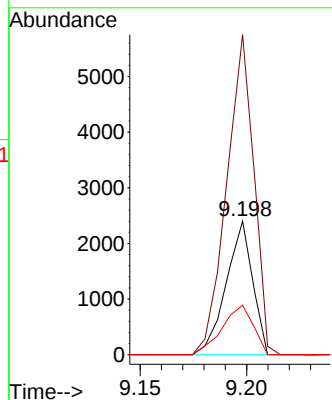
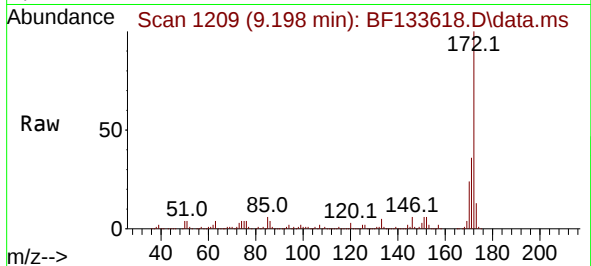




#48
2-Nitroaniline
Concen: 4.409 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

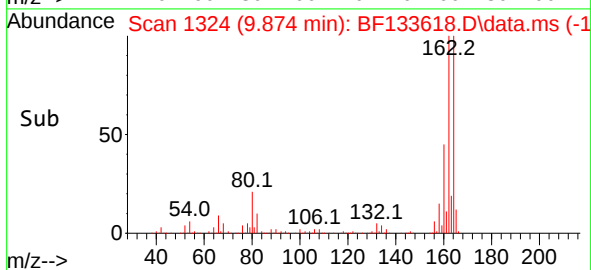
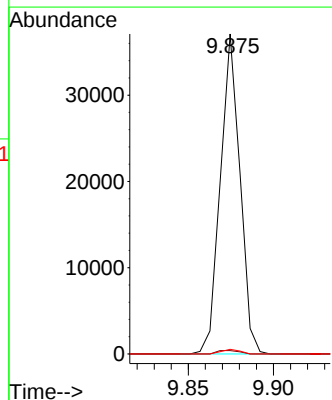
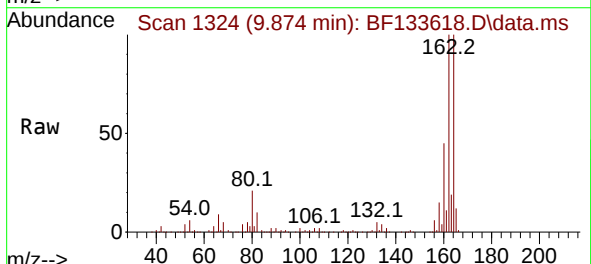
Instrument :
BNA_F
ClientSampleId :
PB153236BL

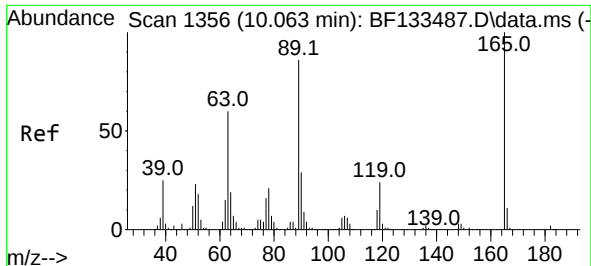
Tgt Ion: 65 Resp: 2071
Ion Ratio Lower Upper
65 100
92 239.4 50.8 76.2#
138 37.0 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.215 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.218 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Tgt Ion: 165 Resp: 29672
Ion Ratio Lower Upper
165 100
63 1.0 57.0 85.4#
89 1.4 50.8 76.2#

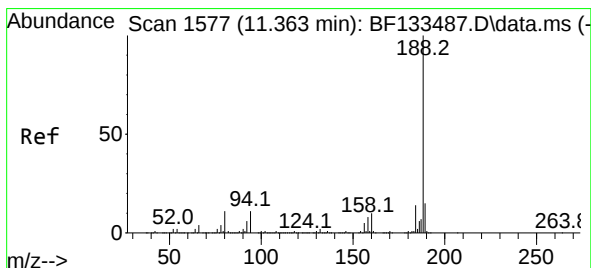
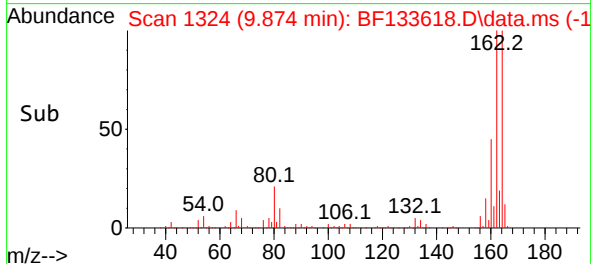
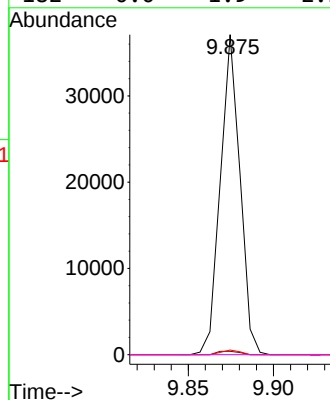
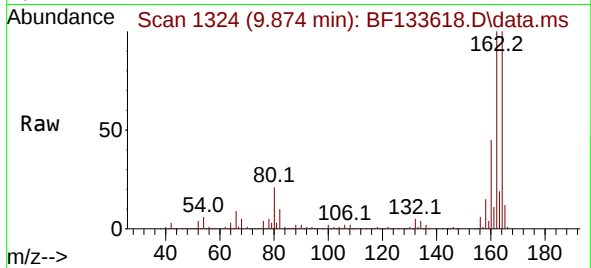




#57
2,4-Dinitrotoluene
Concen: 11.456 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.182 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

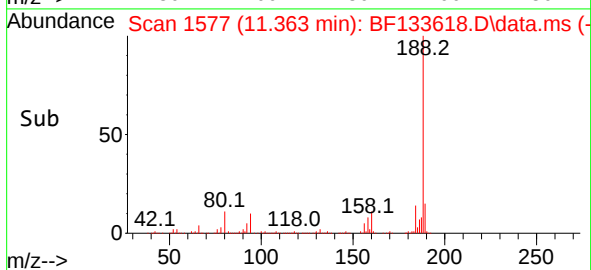
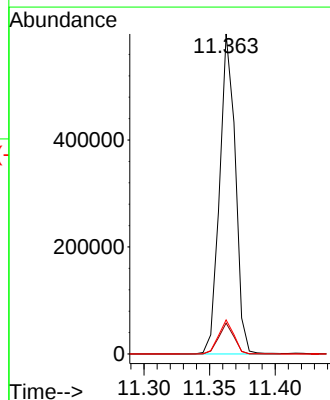
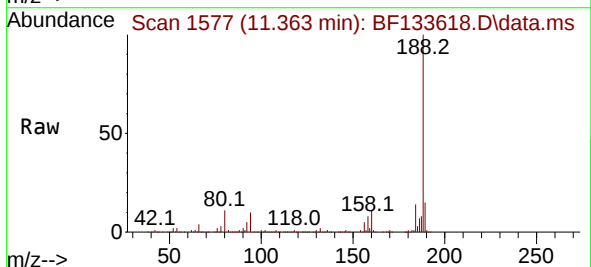
Instrument :
BNA_F
ClientSampleId :
PB153236BL

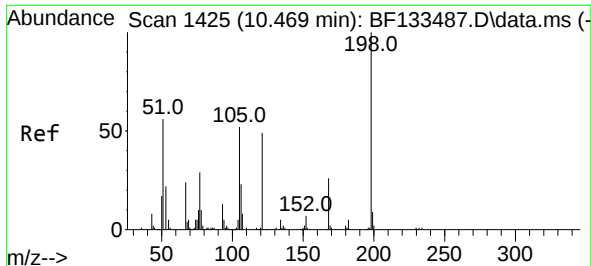
Tgt Ion:165 Resp: 29672
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.4 68.4 102.6#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF133618.D
Acq: 07 Jun 2023 10:58

Tgt Ion:188 Resp: 499025
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.6 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 9.045 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.206 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB153236BL

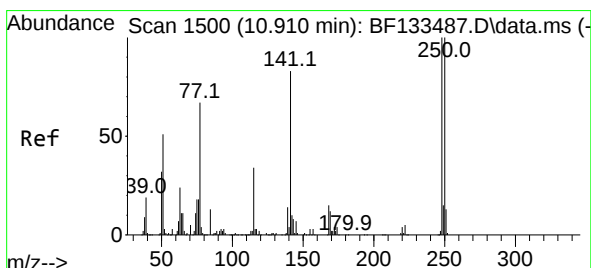
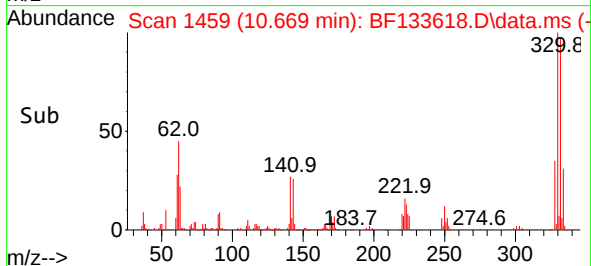
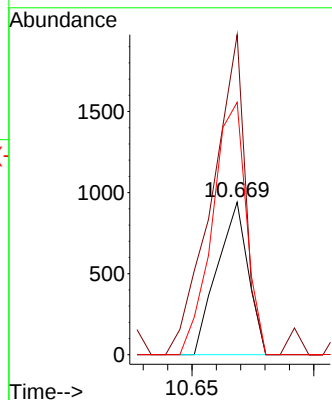
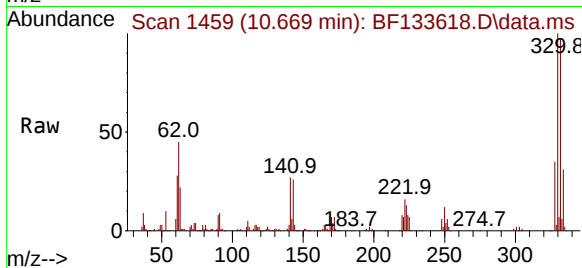
Tgt Ion:198 Resp: 832

Ion Ratio Lower Upper

198 100

51 209.8 53.6 93.6#

105 165.5 35.9 75.9#



#67

4-Bromophenyl-phenylether

Concen: 4.263 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

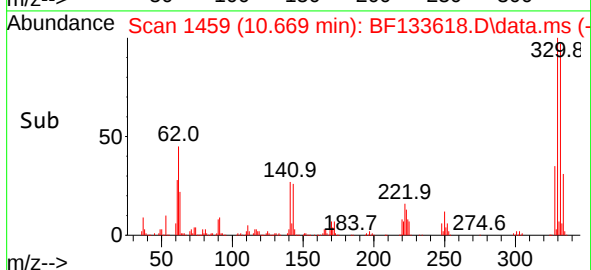
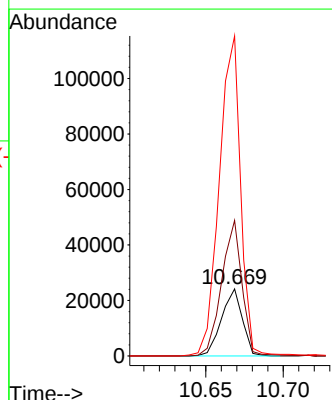
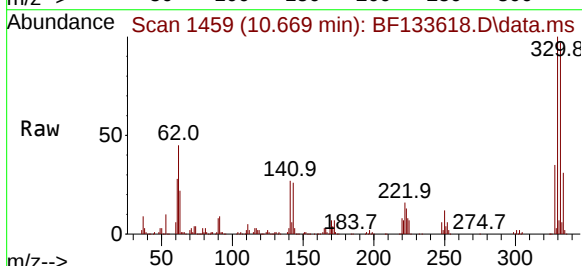
Tgt Ion:248 Resp: 22595

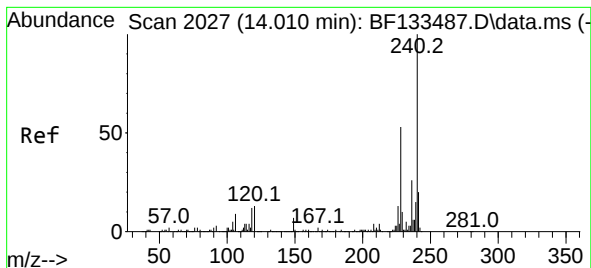
Ion Ratio Lower Upper

248 100

250 202.2 79.7 119.5#

141 477.5 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

Instrument :

BNA_F

ClientSampleId :

PB153236BL

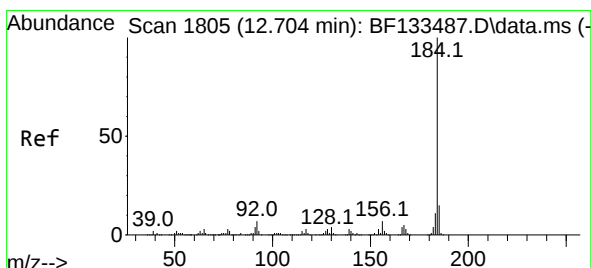
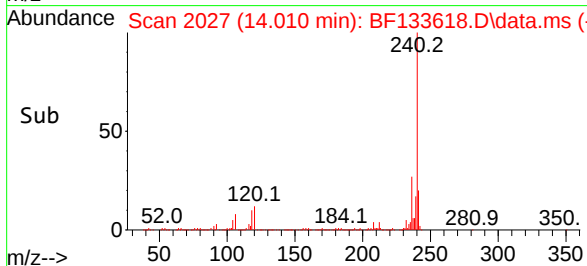
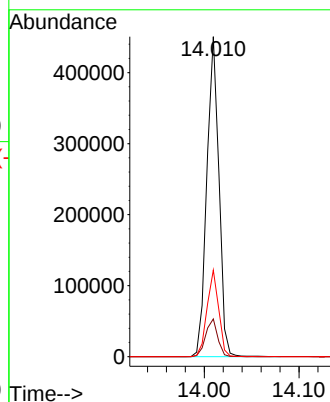
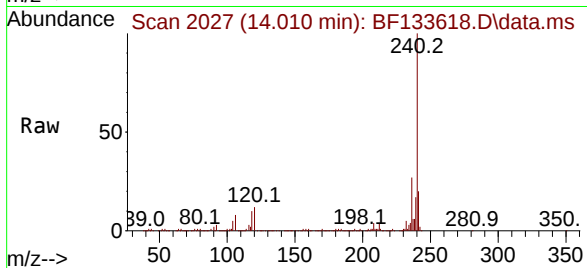
Tgt Ion:240 Resp: 398257

Ion Ratio Lower Upper

240 100

120 11.8 10.3 15.5

236 27.0 20.5 30.7



#77

Benzdine

Concen: 2.047 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.271 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

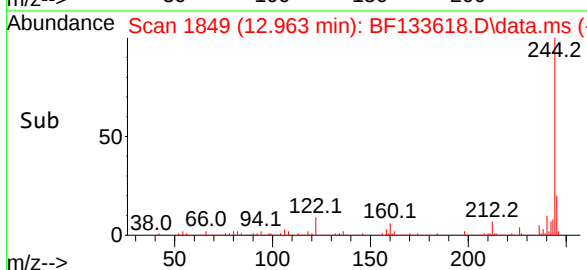
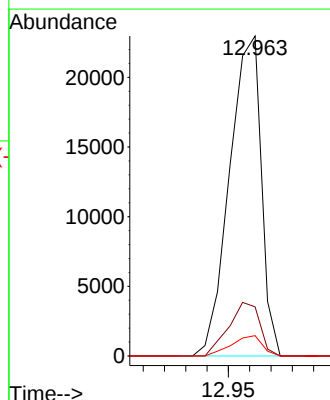
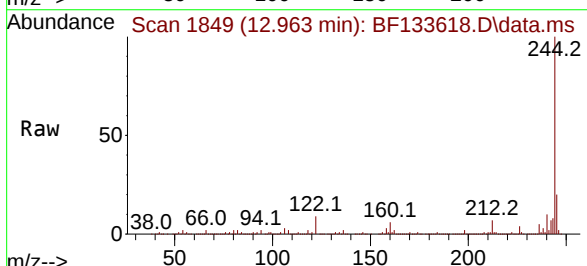
Tgt Ion:184 Resp: 23839

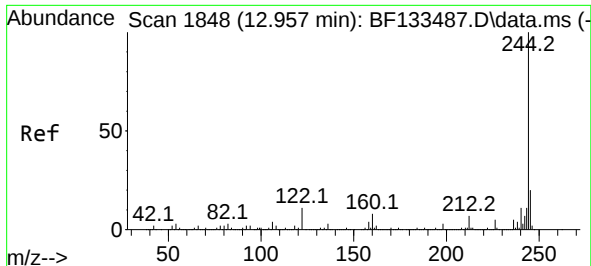
Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

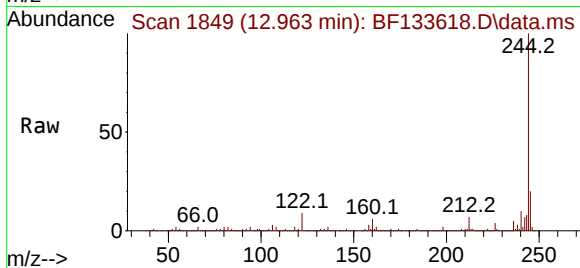
183 6.4 8.7 13.1#



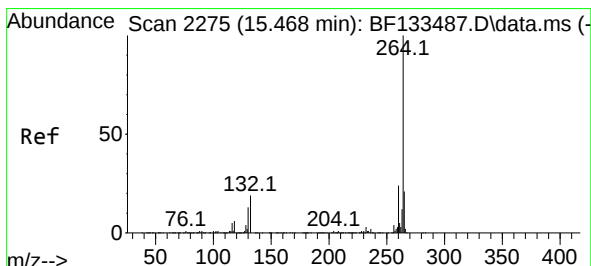
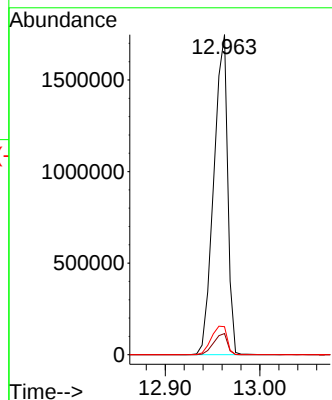
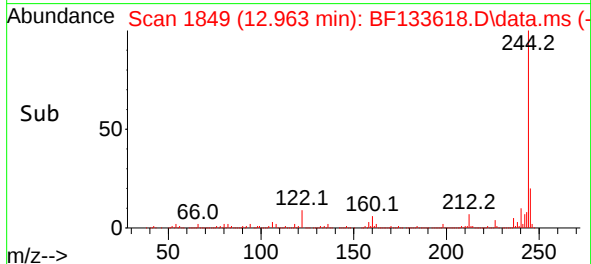


#79
 Terphenyl-d14
 Concen: 78.938 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.018 min
 Lab File: BF133618.D
 Acq: 07 Jun 2023 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB153236BL



Tgt Ion:244 Resp: 1768156
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 8.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.018 min
 Lab File: BF133618.D
 Acq: 07 Jun 2023 10:58

Tgt Ion:264 Resp: 403774
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.3 16.8 25.2

