

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137623.D
 Acq On : 18 Mar 2024 11:06
 Operator : CG\JU
 Sample : PB159612BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159612BL

Quant Time: Mar 18 11:50:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

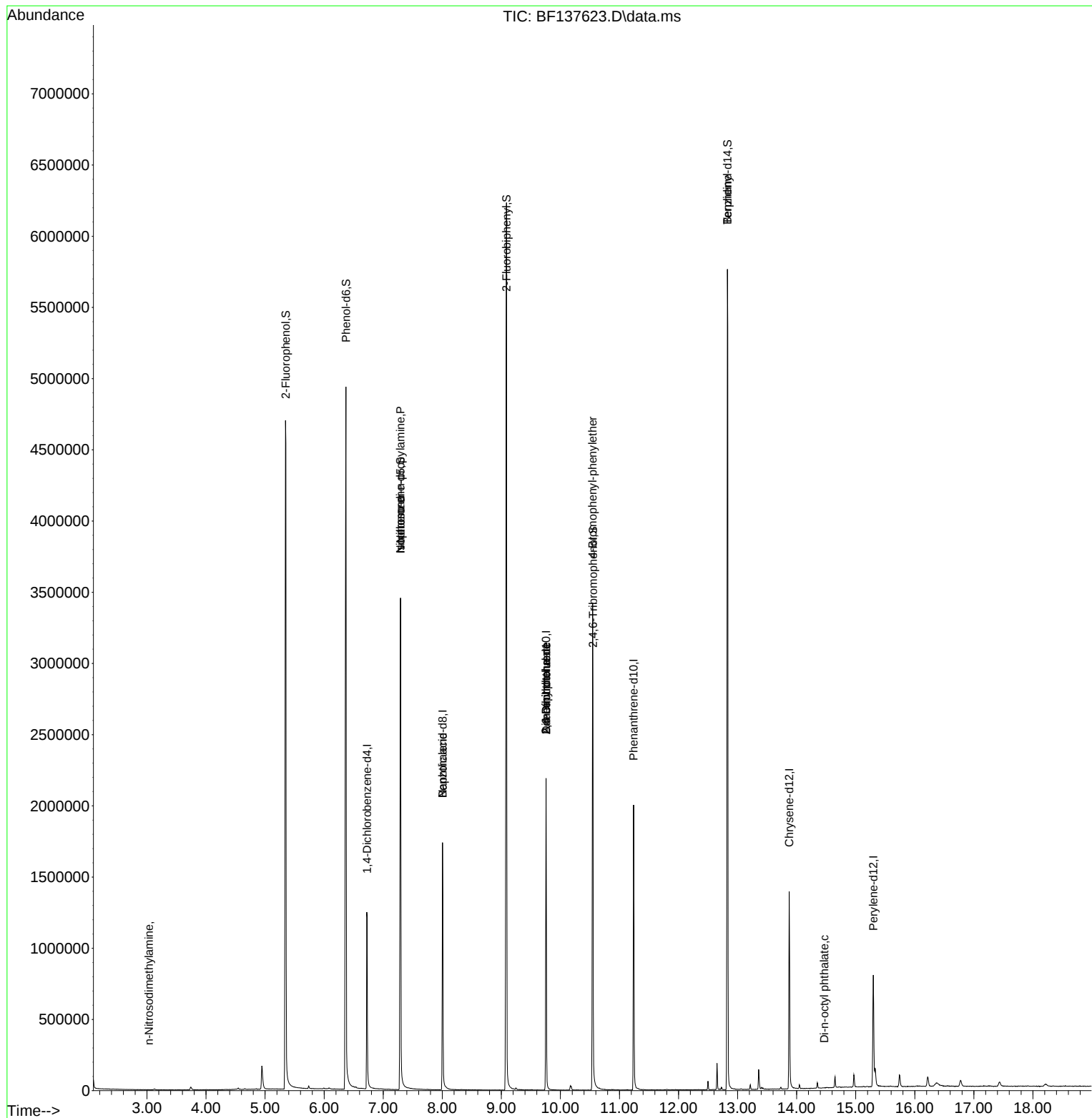
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204088	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	808466	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	419131	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	724923	20.000	ng	0.00
76) Chrysene-d12	13.874	240	467641	20.000	ng	0.00
86) Perylene-d12	15.298	264	380256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1569461	116.470	ng	0.02
7) Phenol-d6	6.369	99	2084714	107.177	ng	0.00
23) Nitrobenzene-d5	7.293	82	1310203	75.300	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	456867	124.125	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2137139	79.817	ng	0.00
79) Terphenyl-d14	12.827	244	2360091	69.399	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.034	42	70	3.817	ng	# 1
19) n-Nitroso-di-n-propyla...	7.293	70	172363	14.350	ng	# 80
25) Isophorone	7.293	82	1310193	39.635	ng	# 69
32) Benzoic acid	8.004	122	105	6.311	ng	# 1
50) Dimethylphthalate	9.757	163	78553	2.692	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	53711	8.801	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	53713	7.164	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	29747	3.767	ng	# 1
77) Benzidine	12.827	184	26395	2.306	ng	# 91
85) Di-n-octyl phthalate	14.469	149	809	5.632	ng	# 70

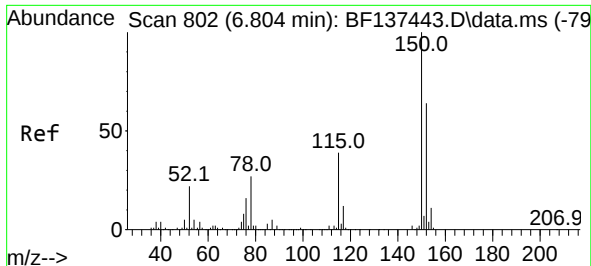
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
Data File : BF137623.D
Acq On : 18 Mar 2024 11:06
Operator : CG\JU
Sample : PB159612BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159612BL

Quant Time: Mar 18 11:50:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

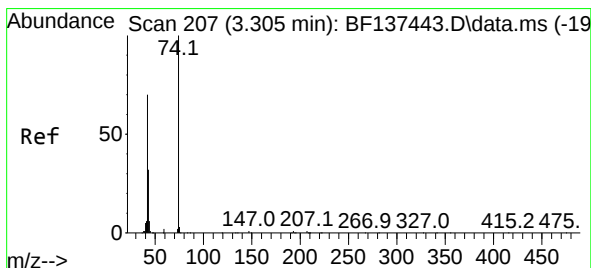
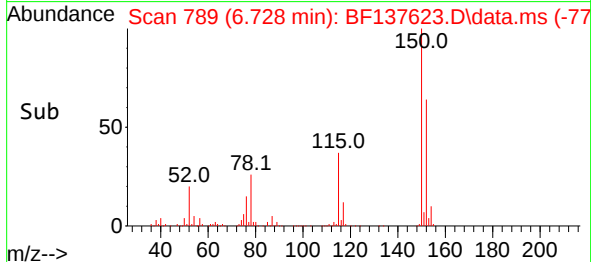
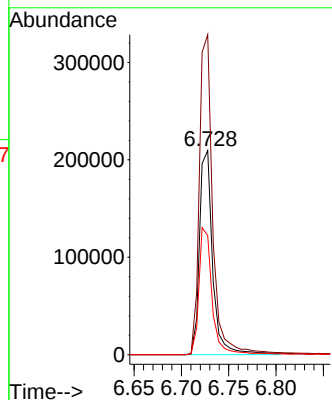
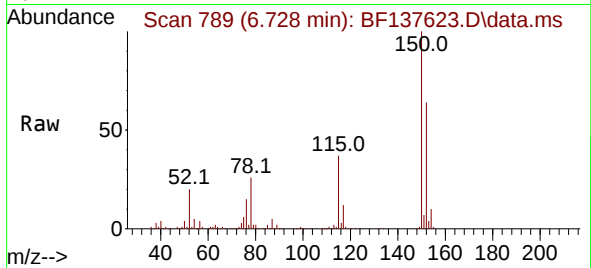




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

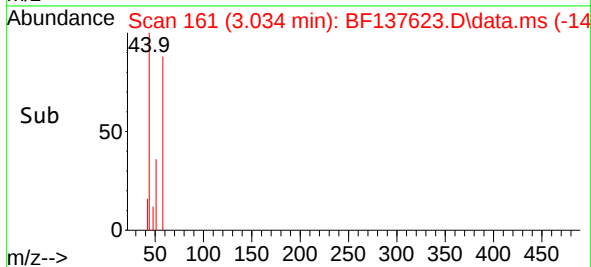
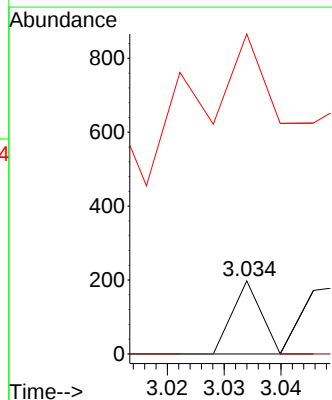
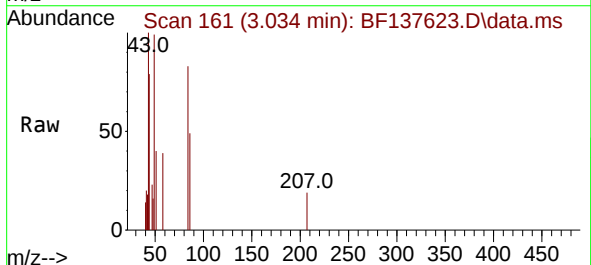
Instrument :
BNA_F
ClientSampleId :
PB159612BL

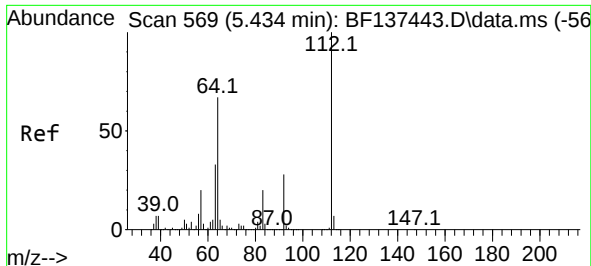
Tgt Ion:152 Resp: 204088
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 58.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.817 ng
RT: 3.034 min Scan# 161
Delta R.T. -0.006 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion: 42 Resp: 70
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 437.4 7.0 10.4#

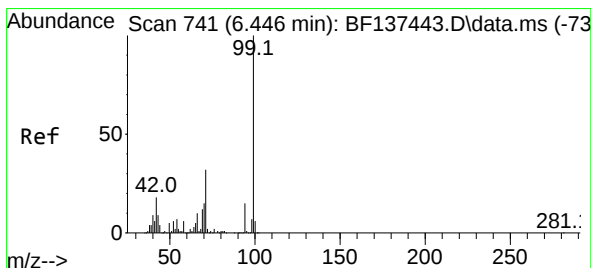
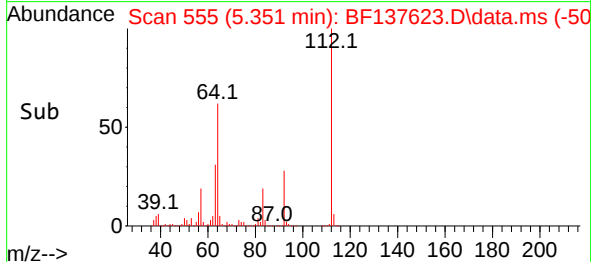
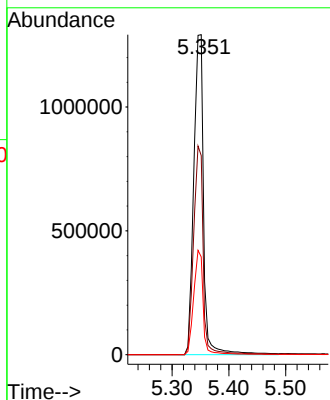
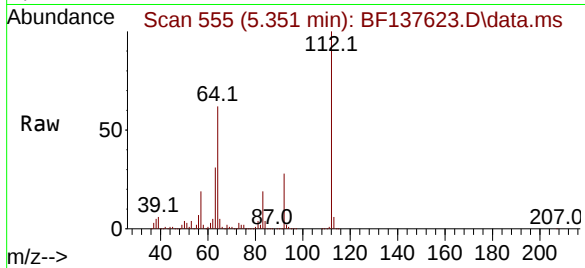




#5
2-Fluorophenol
Concen: 116.470 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

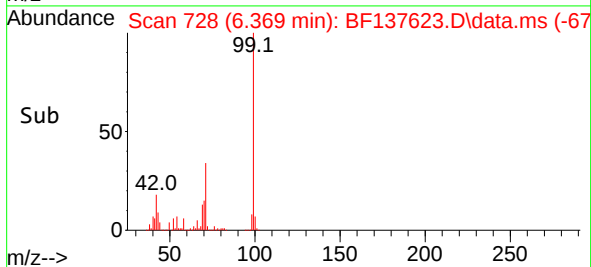
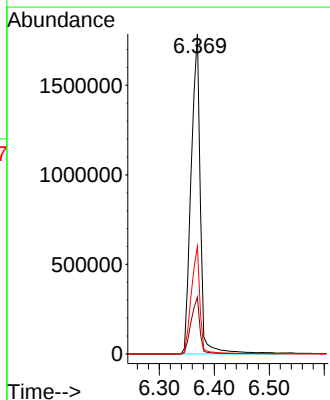
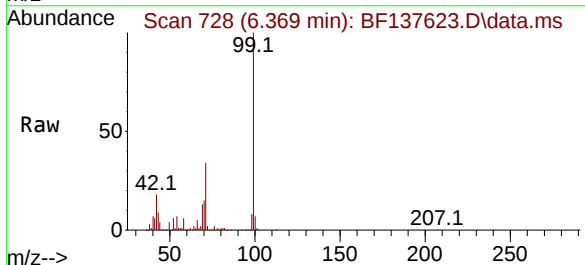
Instrument :
BNA_F
ClientSampleId :
PB159612BL

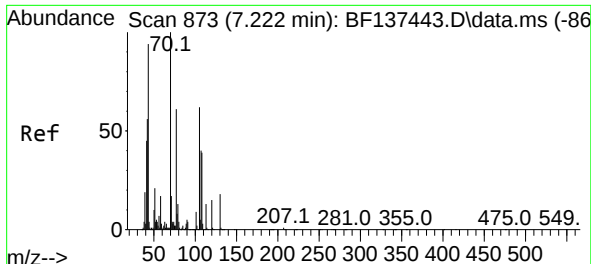
Tgt Ion:112 Resp: 1569461
Ion Ratio Lower Upper
112 100
64 62.2 53.4 80.2
63 30.5 26.2 39.2



#7
Phenol-d6
Concen: 107.177 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion: 99 Resp: 2084714
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 33.6 25.3 37.9

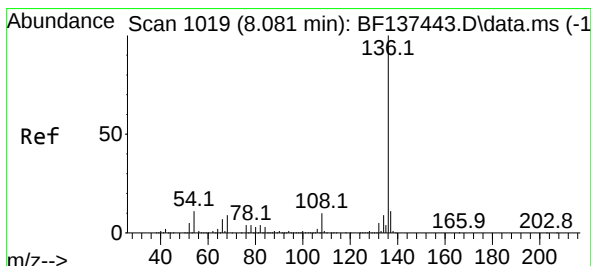
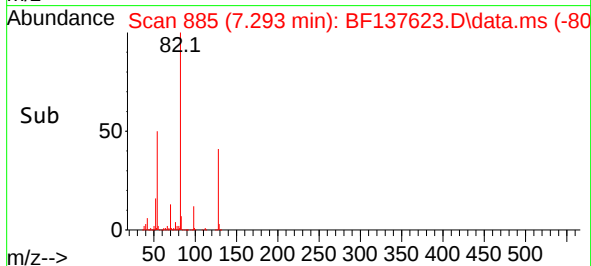
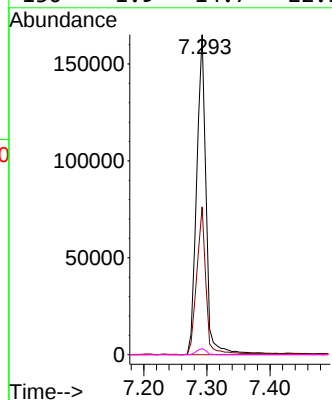
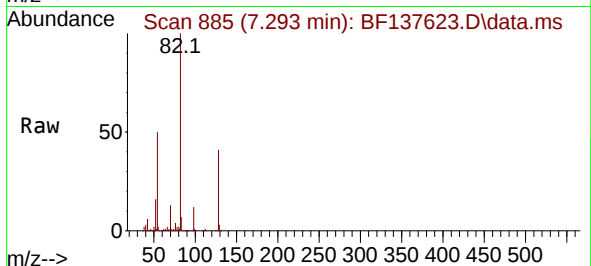




#19
n-Nitroso-di-n-propylamine
Concen: 14.350 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

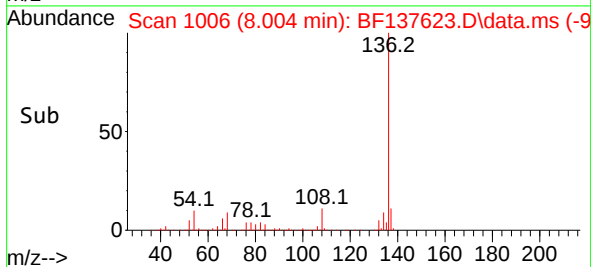
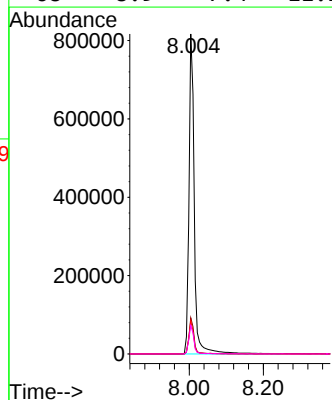
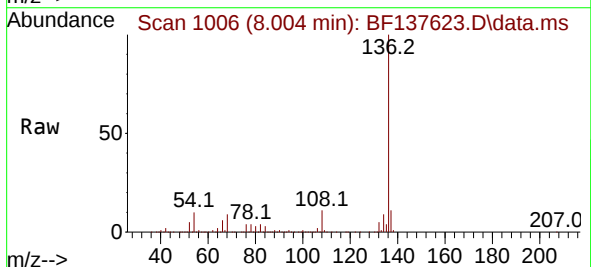
Instrument :
BNA_F
ClientSampleId :
PB159612BL

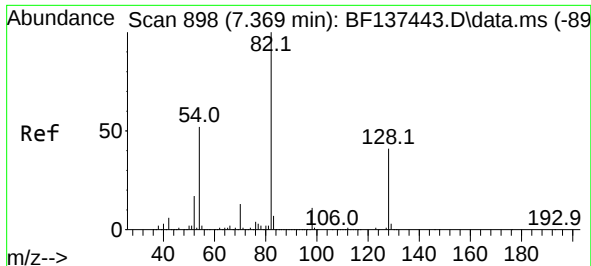
Tgt Ion: 70 Resp: 172363
Ion Ratio Lower Upper
70 100
42 46.2 45.2 67.8
101 0.0 7.3 10.9#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion:136 Resp: 808466
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.4 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 75.300 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB159612BL

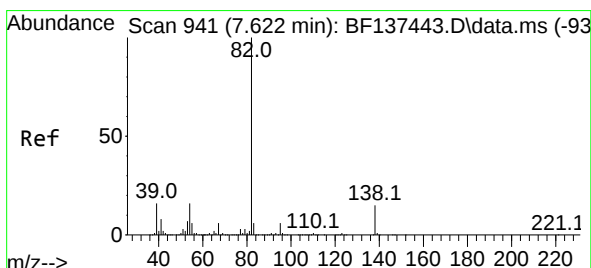
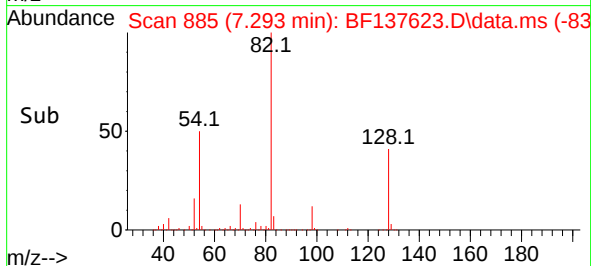
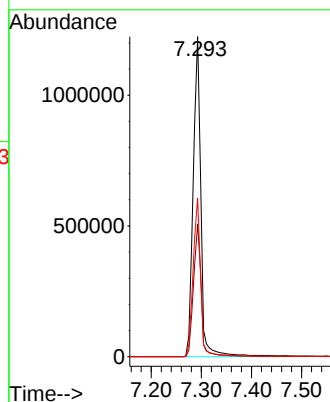
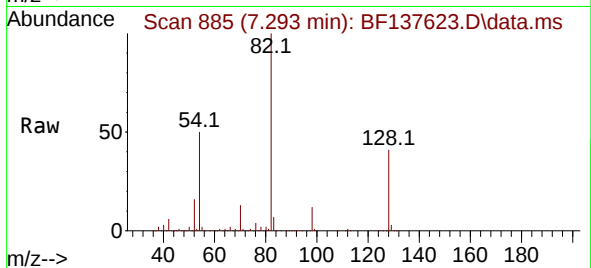
Tgt Ion: 82 Resp: 1310203

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

54 49.6 41.5 62.3



#25

Isophorone

Concen: 39.635 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

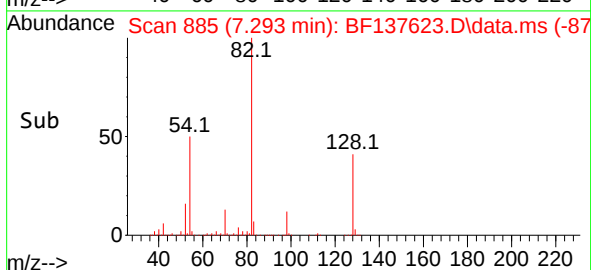
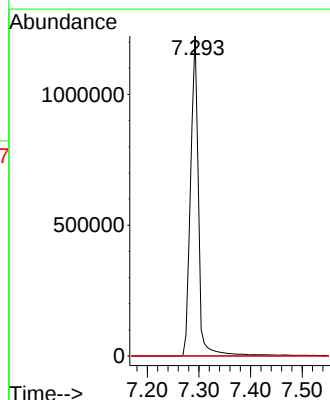
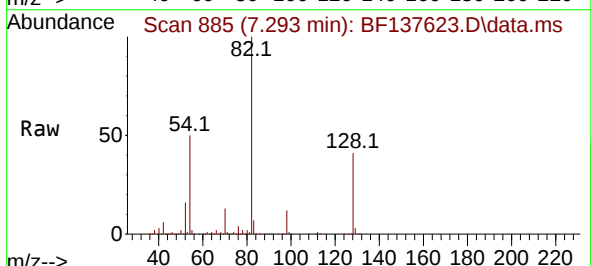
Tgt Ion: 82 Resp: 1310193

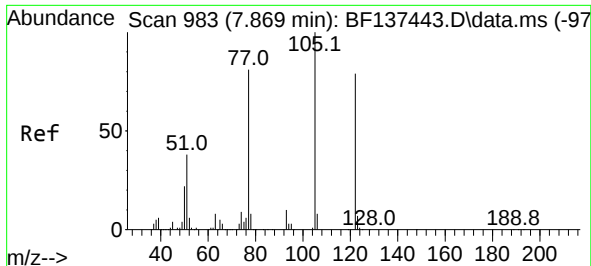
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

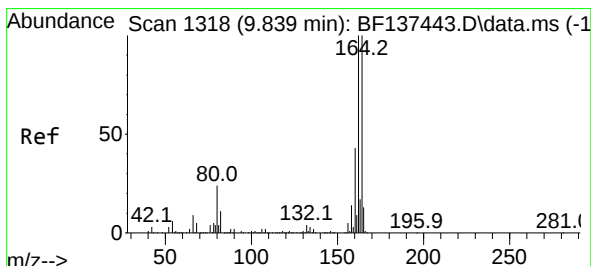
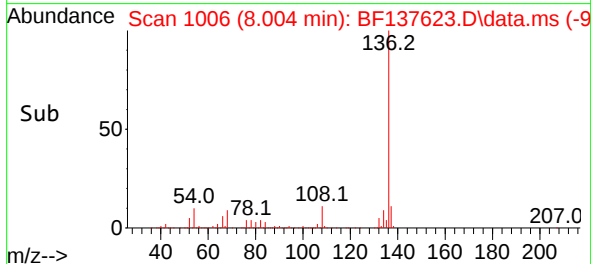
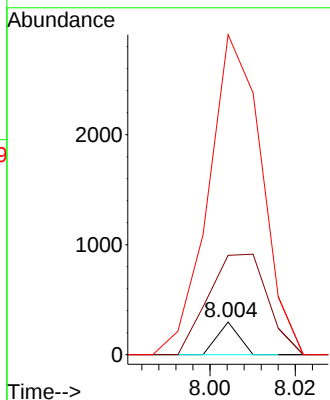
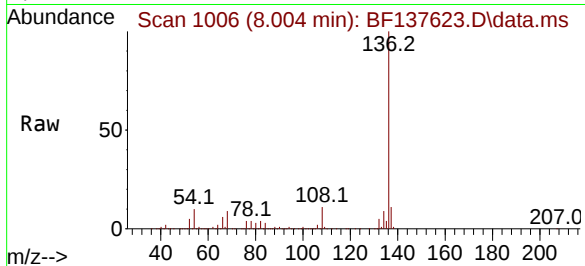




#32
Benzoic acid
Concen: 6.311 ng
RT: 8.004 min Scan# 10
Delta R.T. 0.206 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

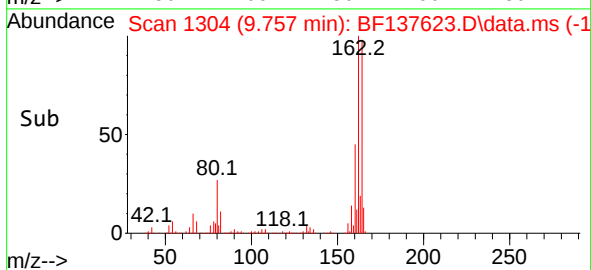
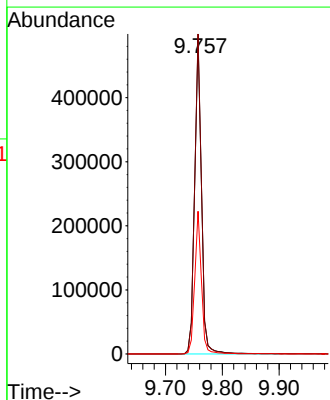
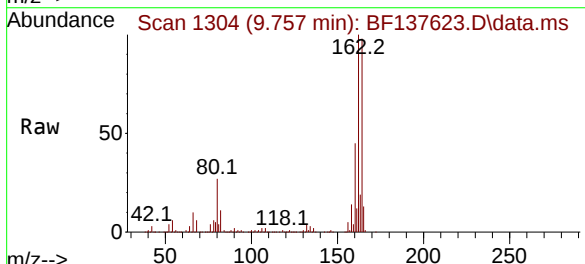
Instrument :
BNA_F
ClientSampleId :
PB159612BL

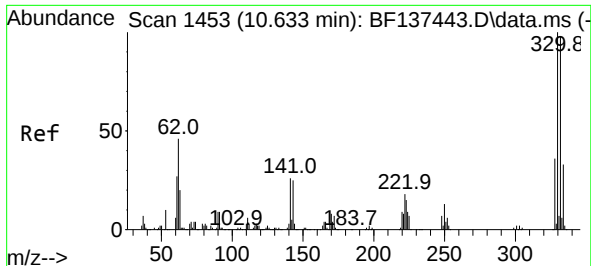
Tgt Ion:122 Resp: 105
Ion Ratio Lower Upper
122 100
105 304.4 102.4 142.4#
77 979.5 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion:164 Resp: 419131
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 45.4 34.4 51.6

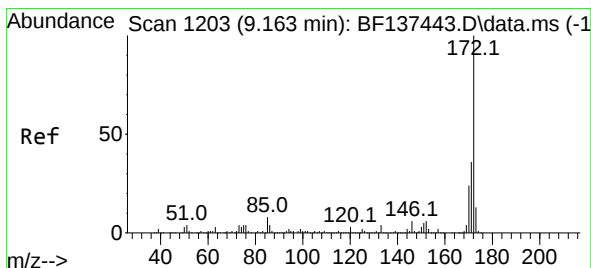
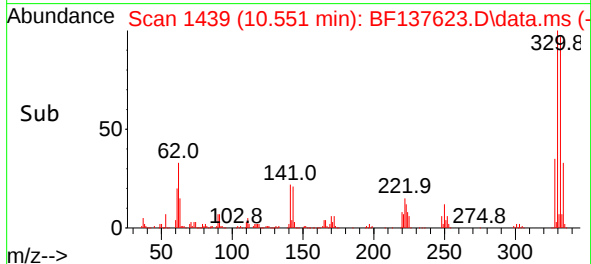
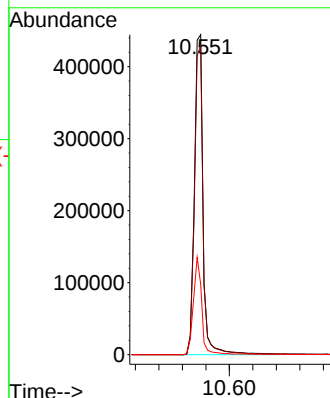
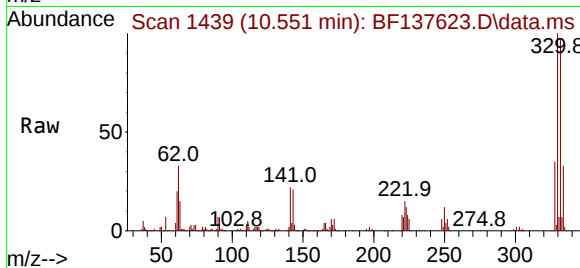




#42
2,4,6-Tribromophenol
Concen: 124.125 ng
RT: 10.551 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

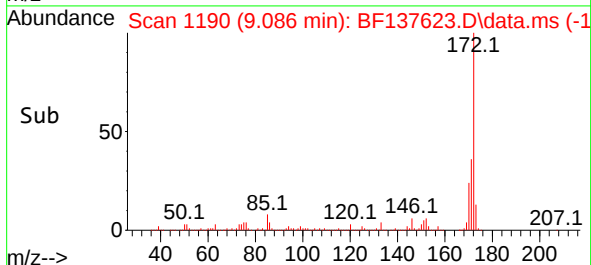
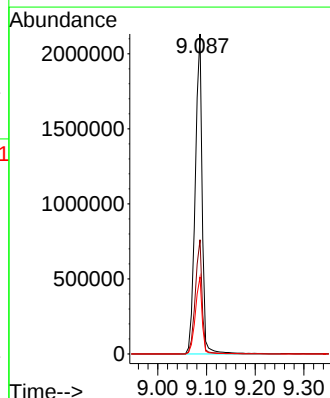
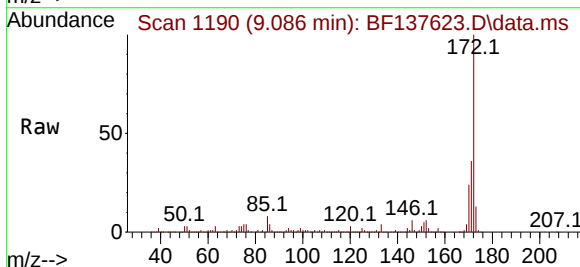
Instrument :
BNA_F
ClientSampleId :
PB159612BL

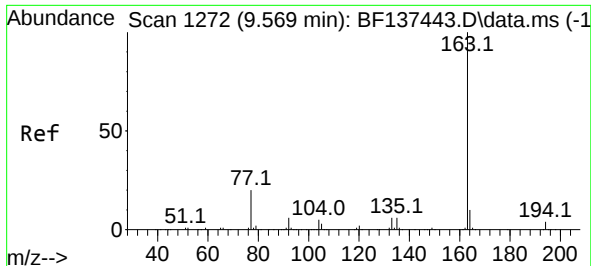
Tgt Ion:330 Resp: 456867
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 29.0 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 79.817 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion:172 Resp: 2137139
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.0 19.0 28.6

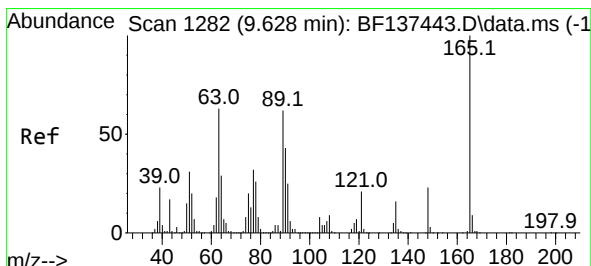
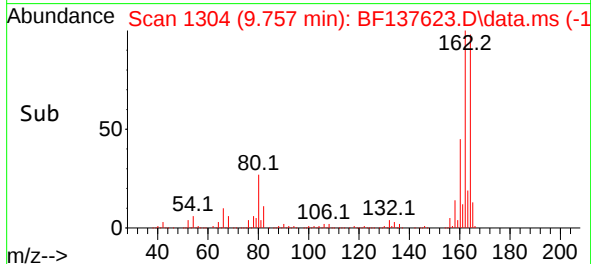
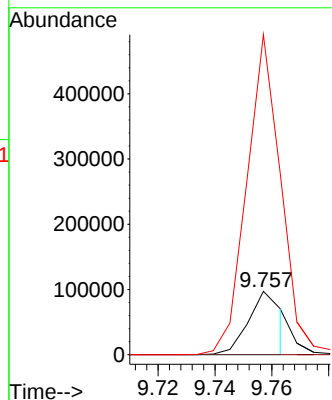
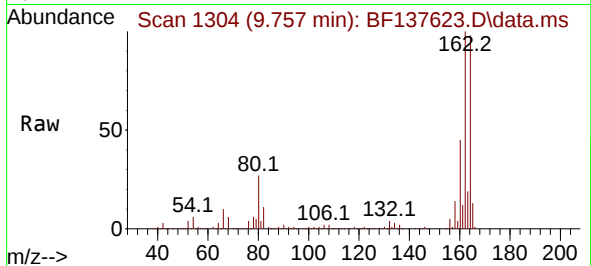




#50
Dimethylphthalate
Concen: 2.692 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

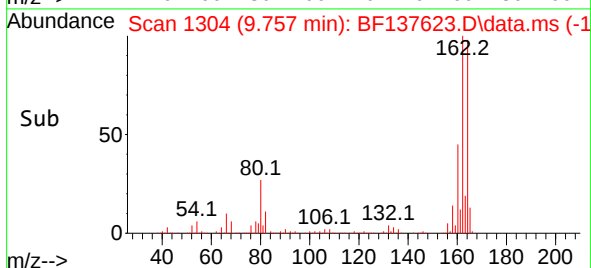
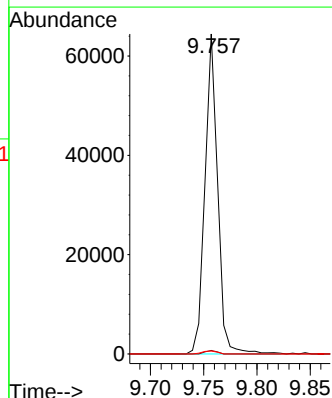
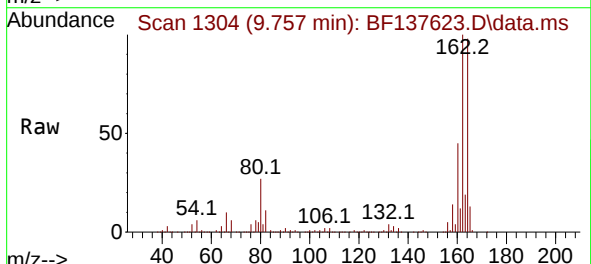
Instrument :
BNA_F
ClientSampleId :
PB159612BL

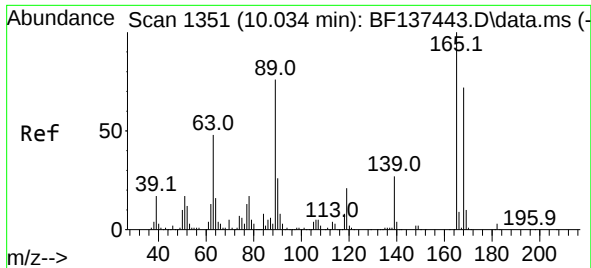
Tgt Ion:163 Resp: 78553
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 505.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.801 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion:165 Resp: 53711
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 0.9 50.0 75.0#

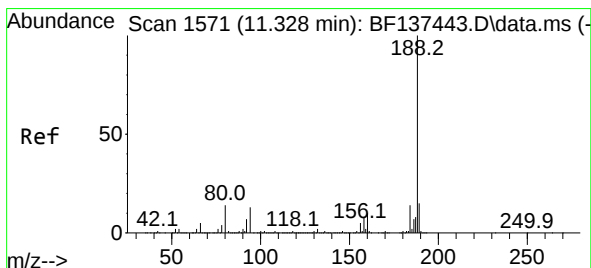
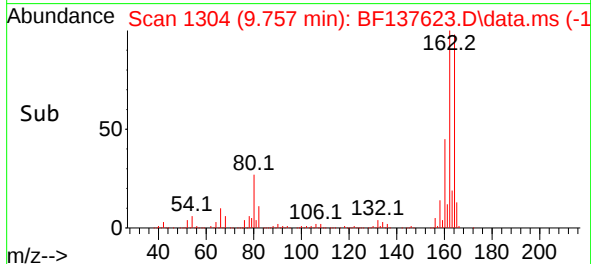
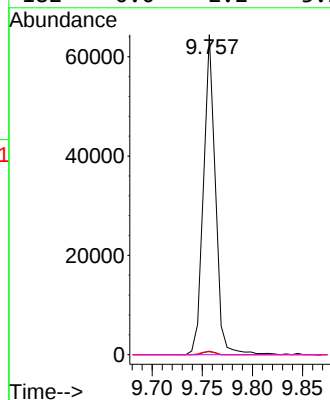
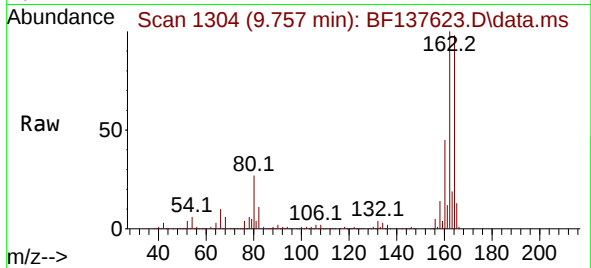




#57
2,4-Dinitrotoluene
Concen: 7.164 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

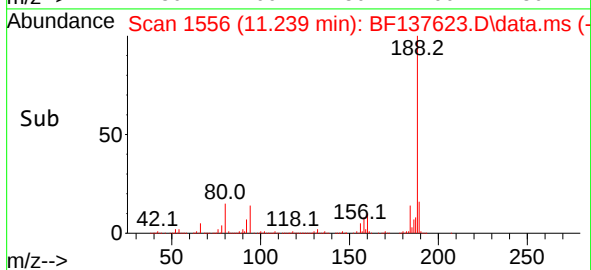
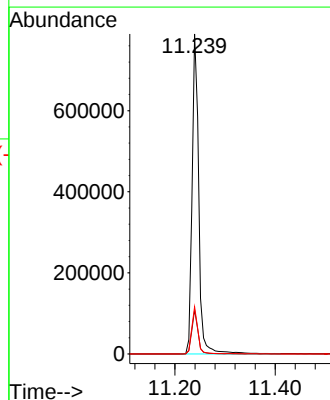
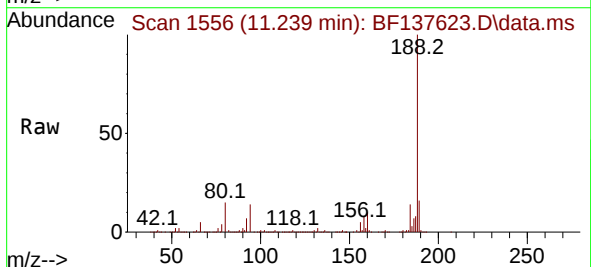
Instrument :
BNA_F
ClientSampleId :
PB159612BL

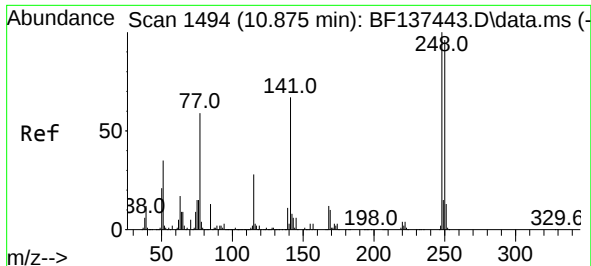
Tgt Ion:165 Resp: 53713
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 0.9 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion:188 Resp: 724923
Ion Ratio Lower Upper
188 100
94 13.8 10.6 15.8
80 14.8 11.5 17.3

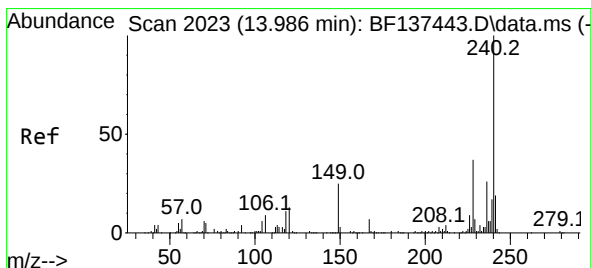
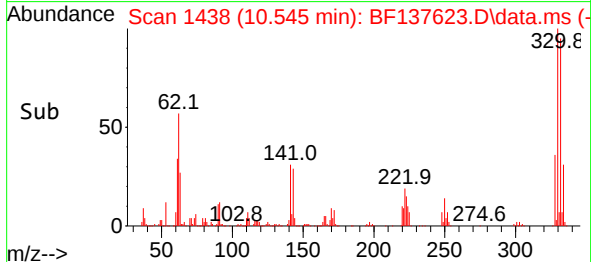
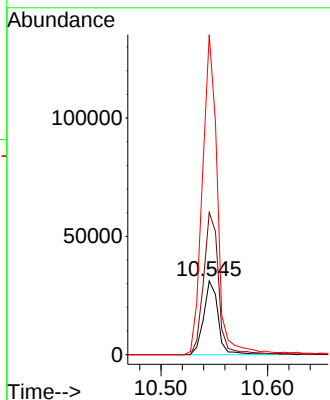
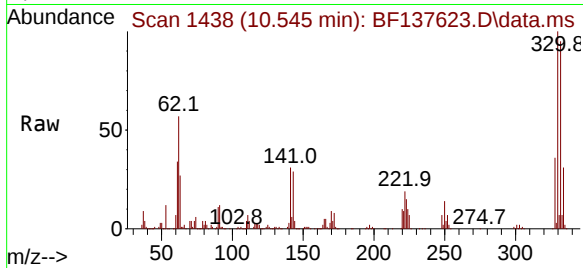




#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

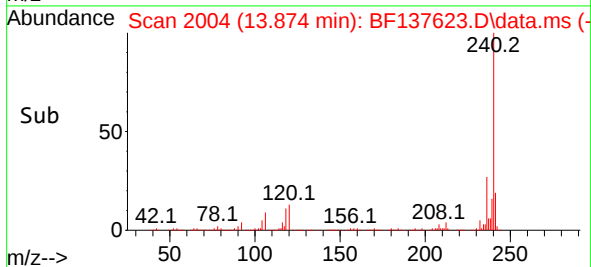
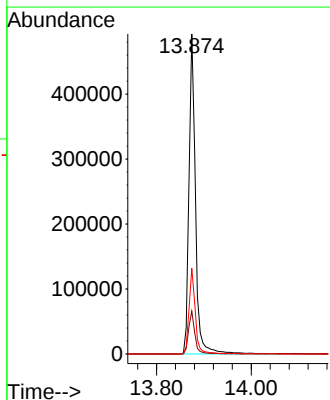
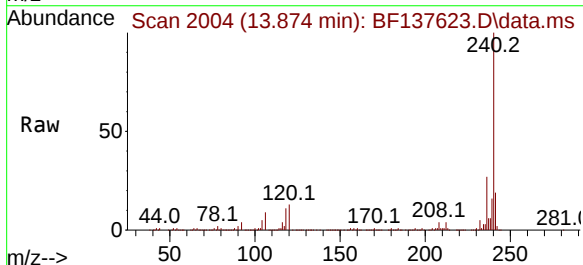
Instrument :
BNA_F
ClientSampleId :
PB159612BL

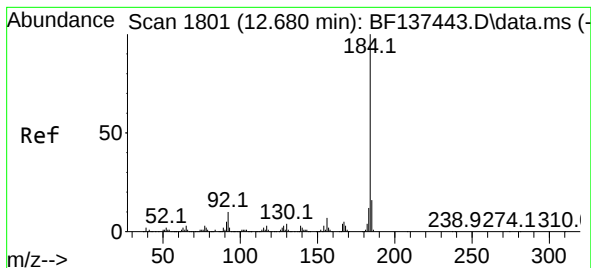
Tgt Ion:248 Resp: 29747
Ion Ratio Lower Upper
248 100
250 192.8 76.8 115.2#
141 433.7 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion:240 Resp: 467641
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 26.7 20.9 31.3





#77

Benzidine

Concen: 2.306 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB159612BL

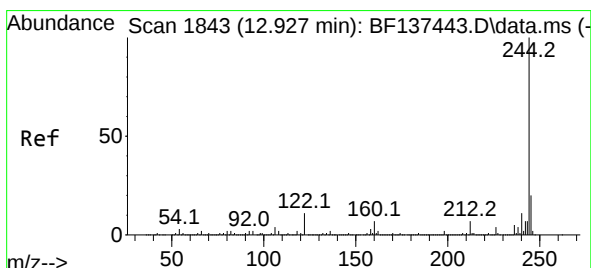
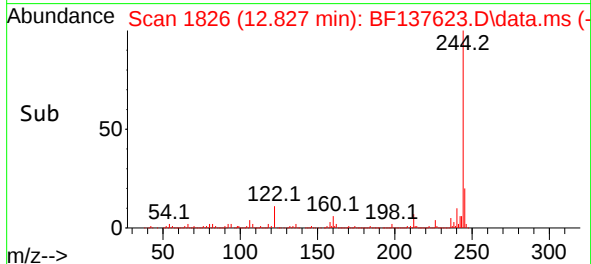
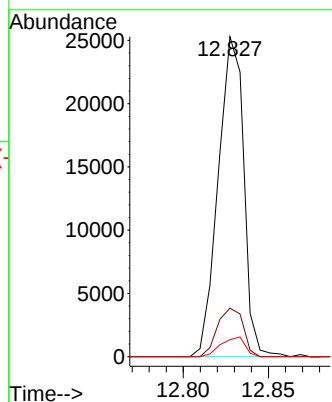
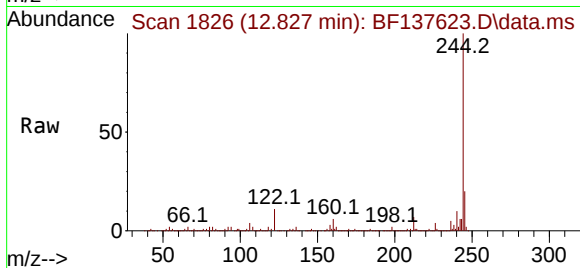
Tgt Ion:184 Resp: 26395

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

183 5.3 9.3 13.9#



#79

Terphenyl-d14

Concen: 69.399 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

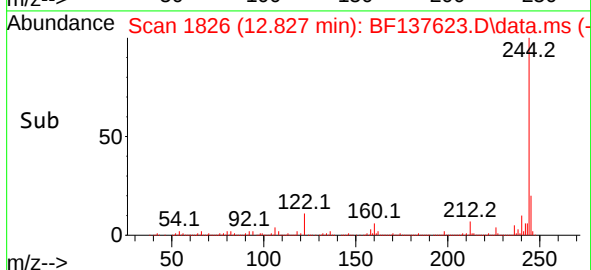
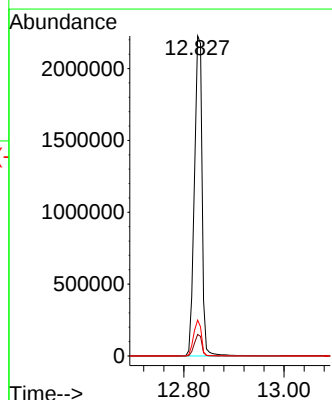
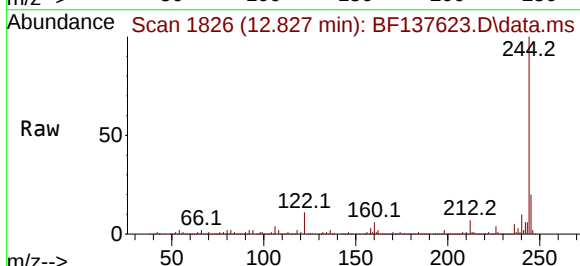
Tgt Ion:244 Resp: 2360091

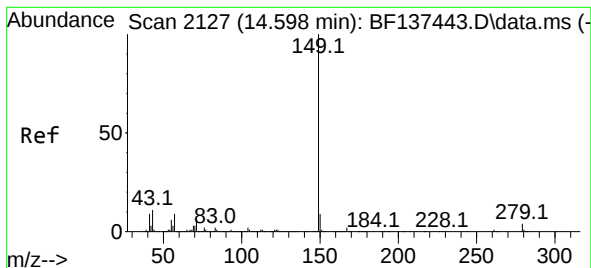
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.2 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.632 ng

RT: 14.469 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB159612BL

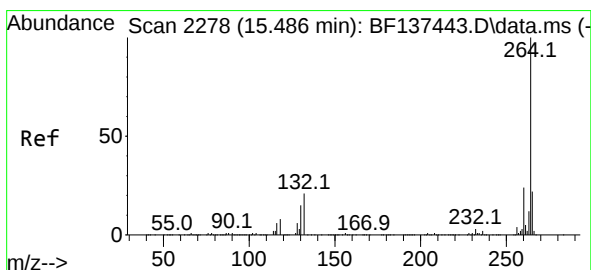
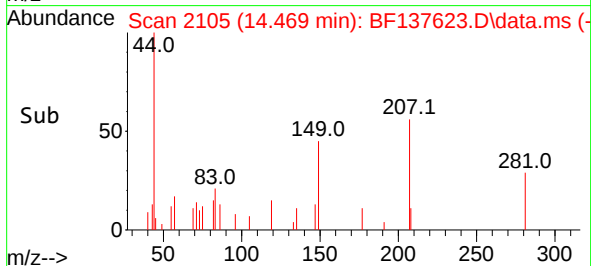
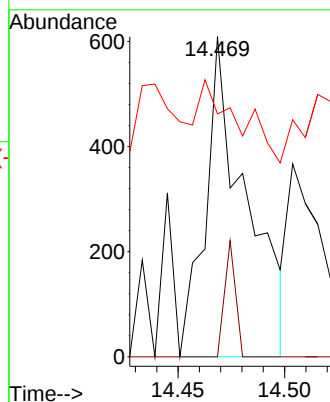
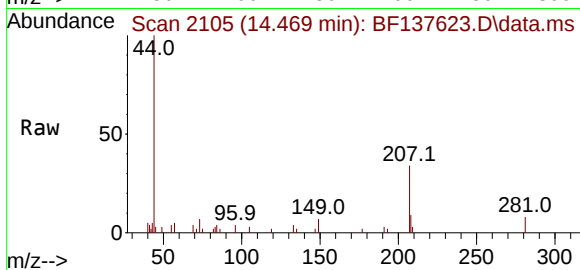
Tgt Ion:149 Resp: 809

Ion Ratio Lower Upper

149 100

167 9.6 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

Tgt Ion:264 Resp: 380256

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.6 17.4 26.0

