

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137592.D
 Acq On : 14 Mar 2024 16:00
 Operator : CG\JU
 Sample : PB159559TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159559TB

Quant Time: Mar 14 16:21:27 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)

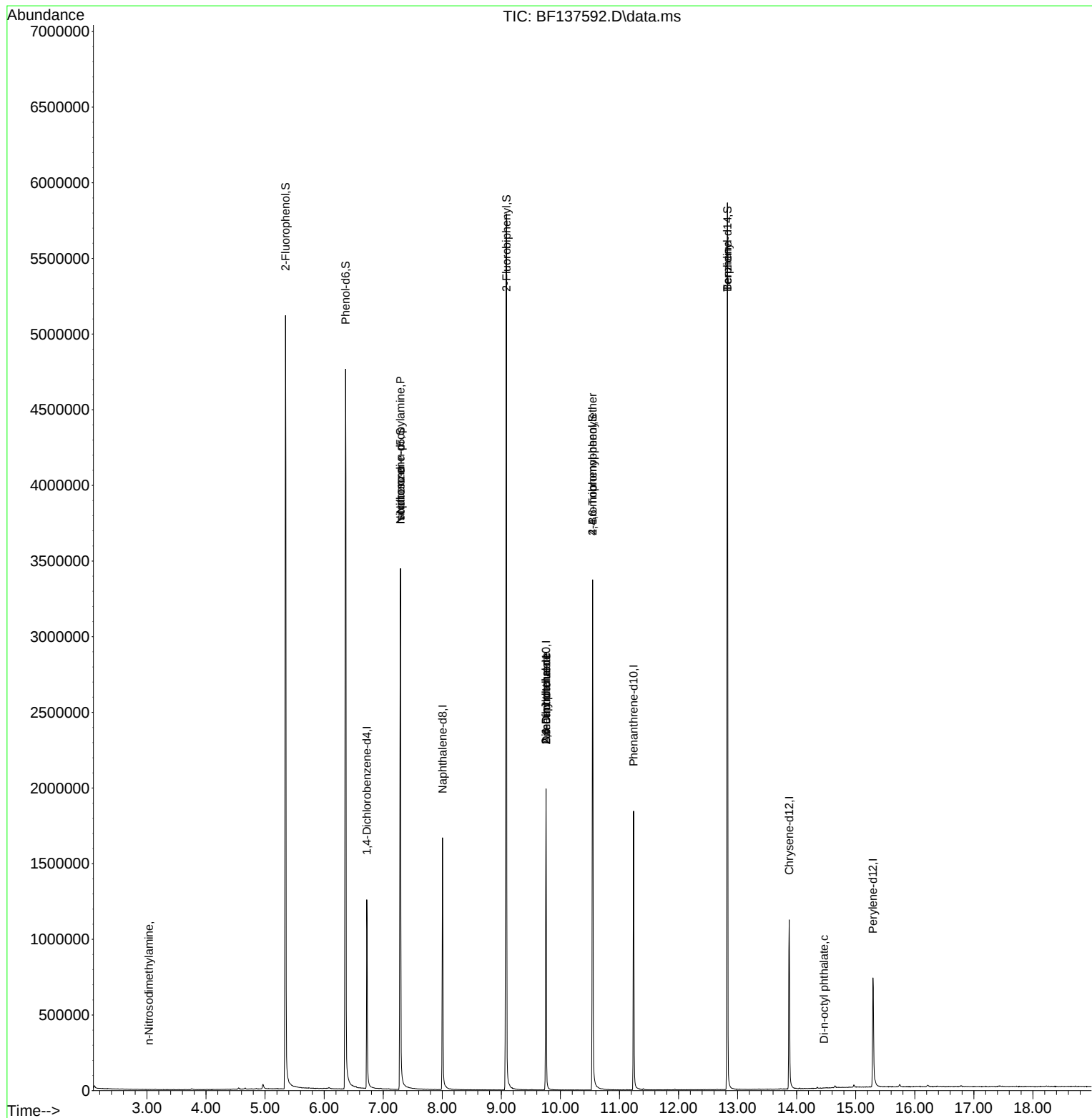
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	197507	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	772677	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	407935	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	662025	20.000	ng	0.00
76) Chrysene-d12	13.874	240	414696	20.000	ng	0.00
86) Perylene-d12	15.292	264	355084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1617261	124.016	ng	0.01
7) Phenol-d6	6.363	99	2186734	116.168	ng	0.00
23) Nitrobenzene-d5	7.293	82	1338491	80.489	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	428020	119.479	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2160862	82.918	ng	0.00
79) Terphenyl-d14	12.827	244	2112018	70.033	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.034	42	155	3.829	ng	# 1
19) n-Nitroso-di-n-propyla...	7.293	70	175584	15.105	ng	# 79
25) Isophorone	7.293	82	1338478	42.366	ng	# 69
50) Dimethylphthalate	9.757	163	63600	2.240	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	52590	8.854	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	52590	7.207	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	28159	3.905	ng	# 1
77) Benzidine	12.827	184	24664	2.430	ng	# 93
85) Di-n-octyl phthalate	14.463	149	244	5.615	ng	# 80

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

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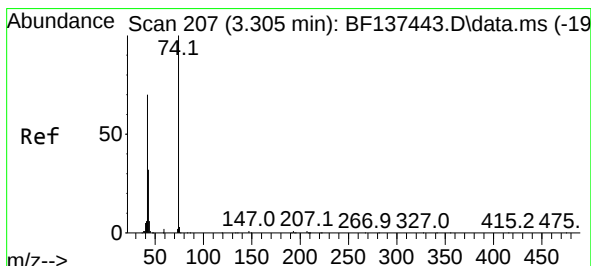
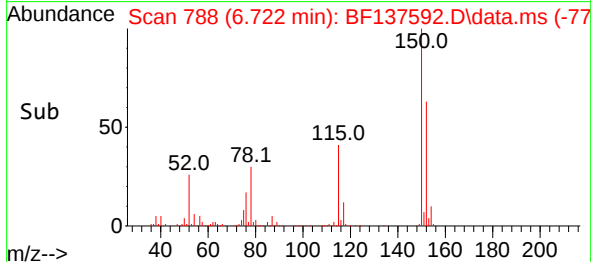
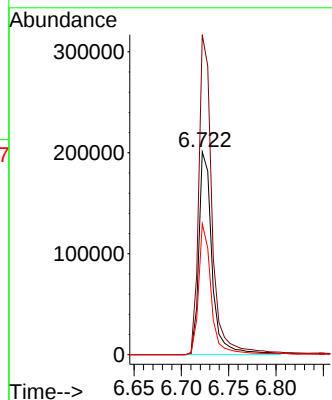
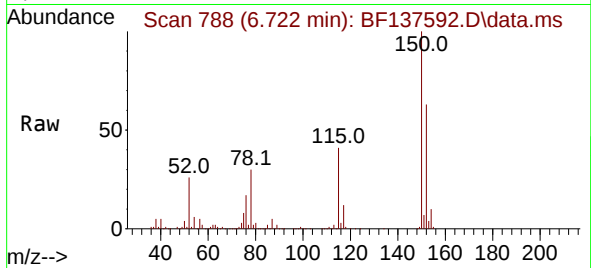




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

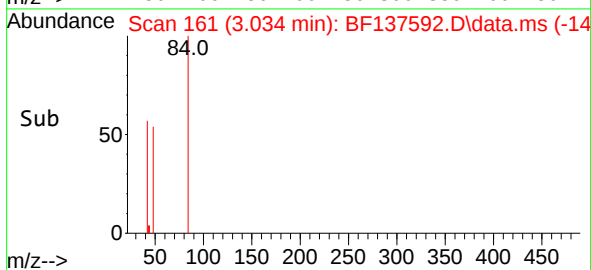
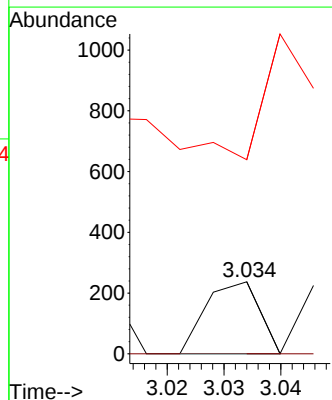
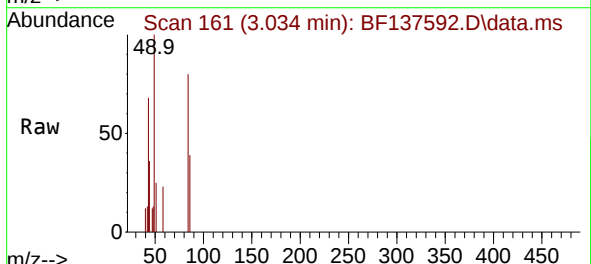
Instrument :
BNA_F
ClientSampleId :
PB159559TB

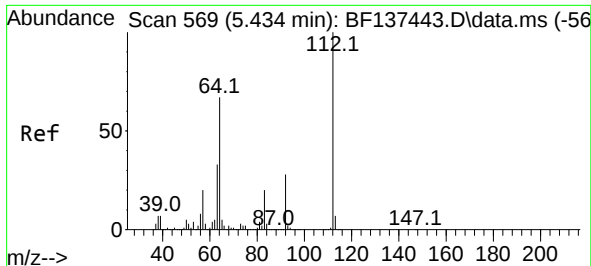
Tgt Ion:152 Resp: 197507
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 64.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.829 ng
RT: 3.034 min Scan# 161
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

Tgt Ion: 42 Resp: 155
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 269.6 7.0 10.4#

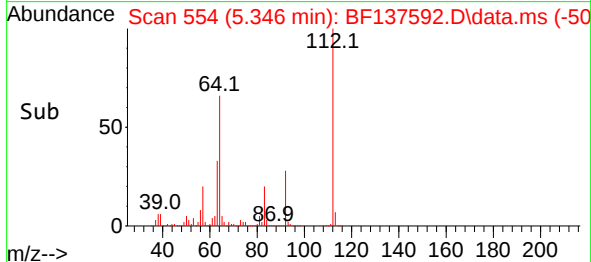
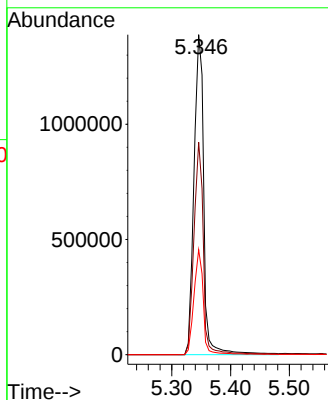
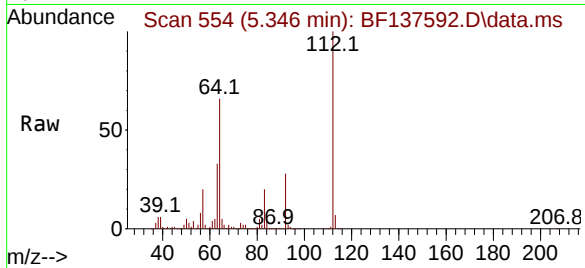




#5
2-Fluorophenol
Concen: 124.016 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

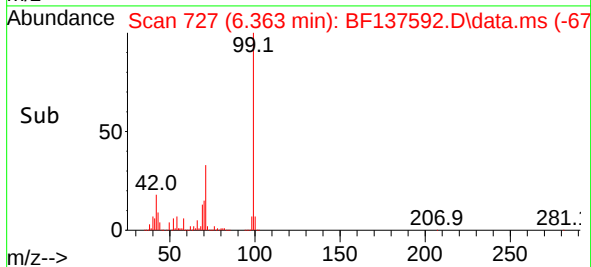
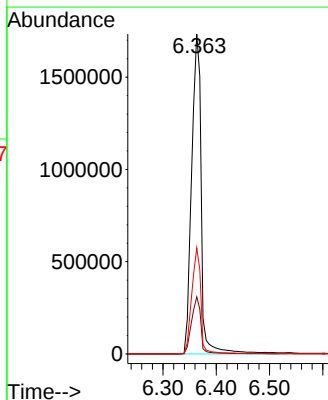
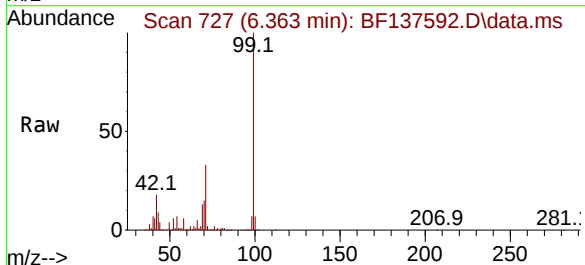
Instrument :
BNA_F
ClientSampleId :
PB159559TB

Tgt Ion:112 Resp: 1617261
Ion Ratio Lower Upper
112 100
64 66.4 53.4 80.2
63 32.8 26.2 39.2



#7
Phenol-d6
Concen: 116.168 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

Tgt Ion: 99 Resp: 2186734
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 33.1 25.3 37.9



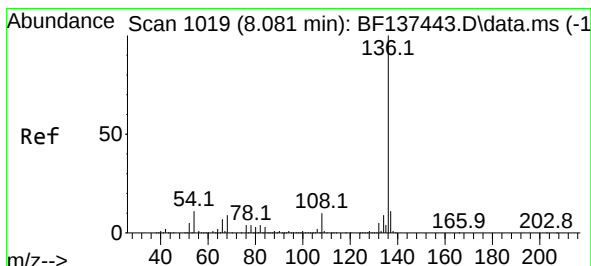
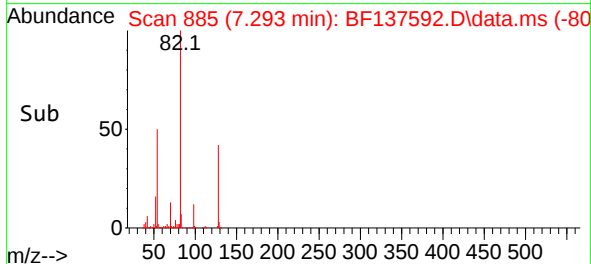
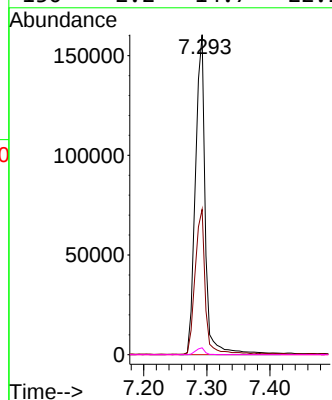
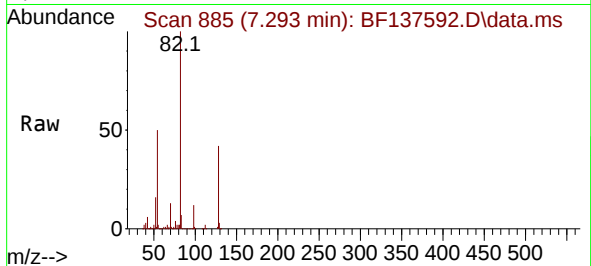


#19
n-Nitroso-di-n-propylamine
Concen: 15.105 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

Instrument :
BNA_F
ClientSampleId :
PB159559TB

Tgt Ion: 70 Resp: 175584

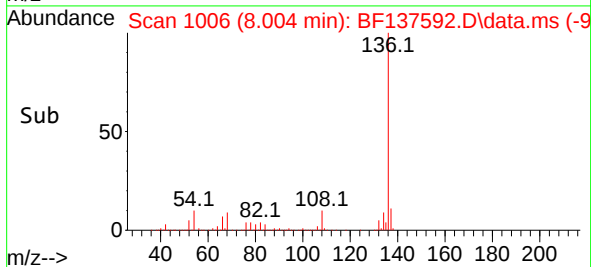
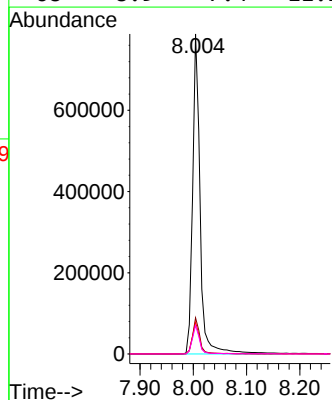
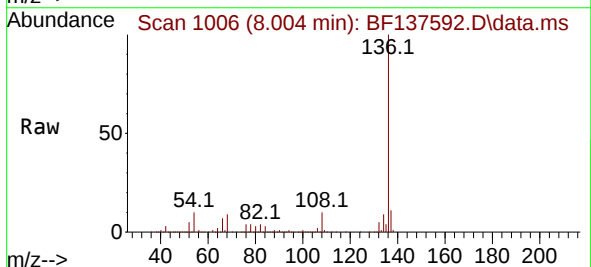
Ion	Ratio	Lower	Upper
70	100		
42	45.4	45.2	67.8
101	0.0	7.3	10.9#
130	2.2	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

Tgt Ion: 136 Resp: 772677

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.9	8.5	12.7
68	8.9	7.4	11.2





#23

Nitrobenzene-d5

Concen: 80.489 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB159559TB

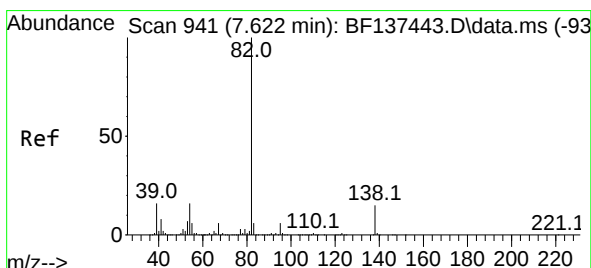
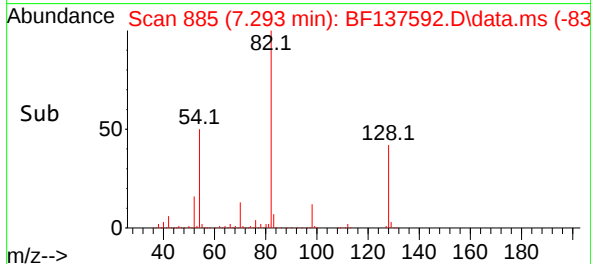
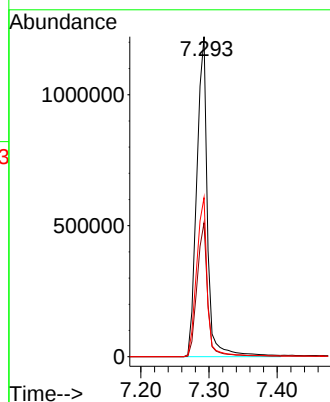
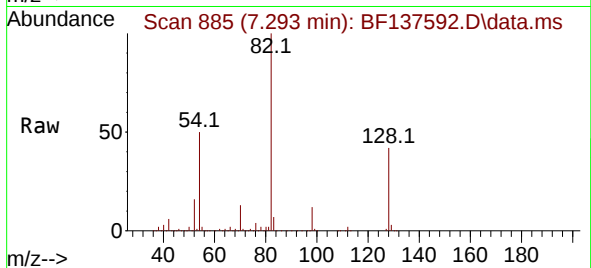
Tgt Ion: 82 Resp: 1338491

Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 49.7 41.5 62.3



#25

Isophorone

Concen: 42.366 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

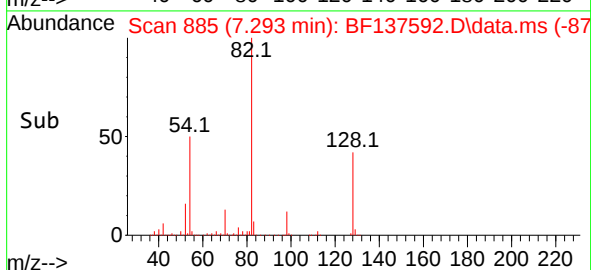
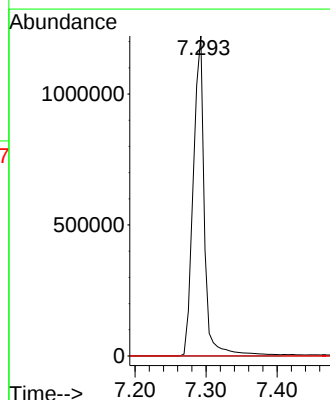
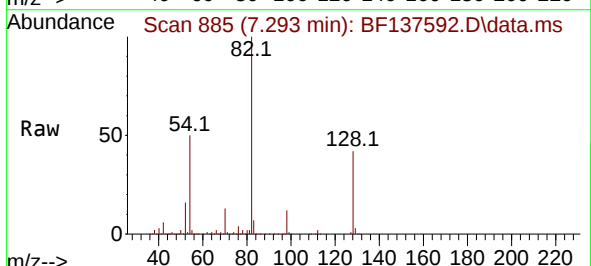
Tgt Ion: 82 Resp: 1338478

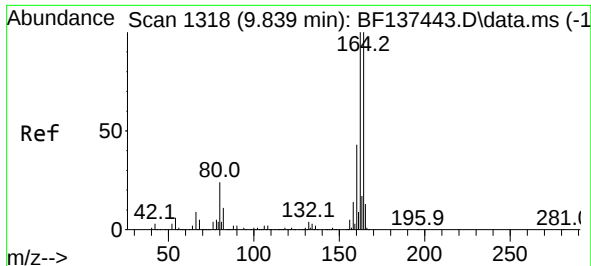
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

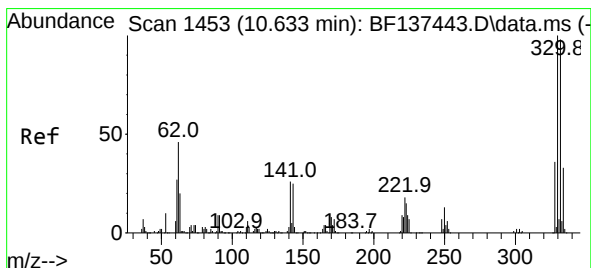
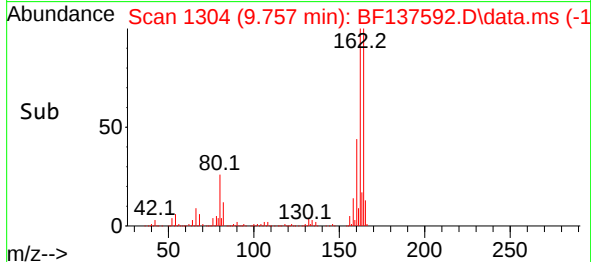
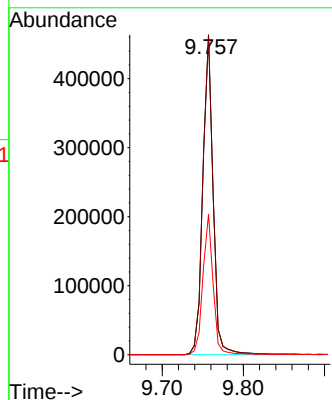
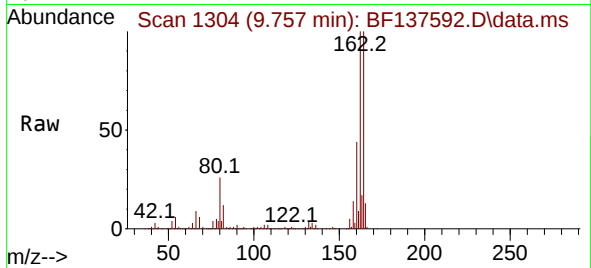




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

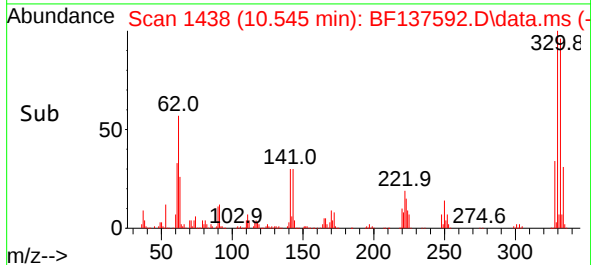
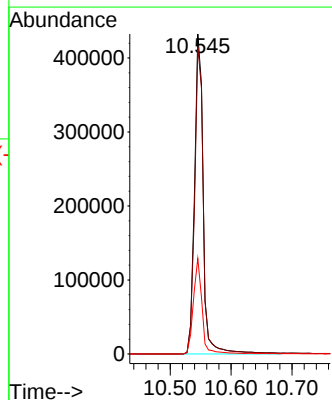
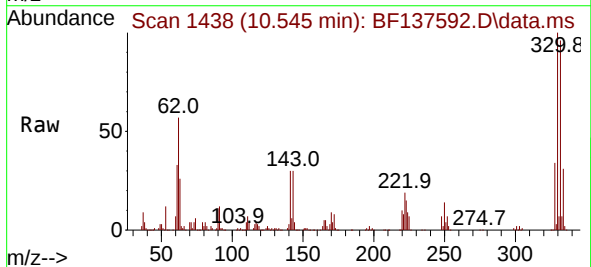
Instrument :
BNA_F
ClientSampleId :
PB159559TB

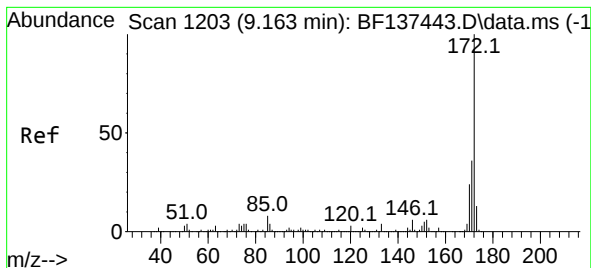
Tgt Ion:164 Resp: 407935
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 44.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 119.479 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

Tgt Ion:330 Resp: 428020
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 29.6 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 82.918 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB159559TB

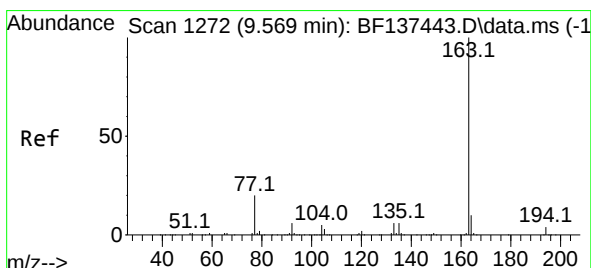
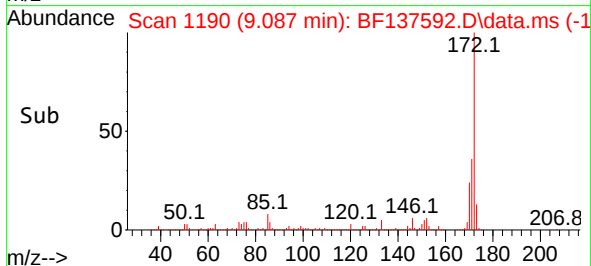
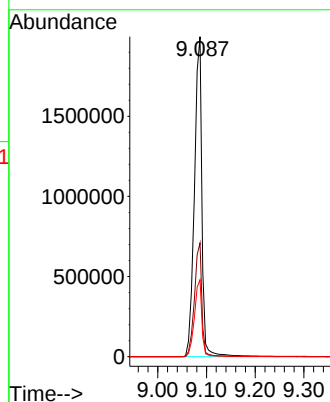
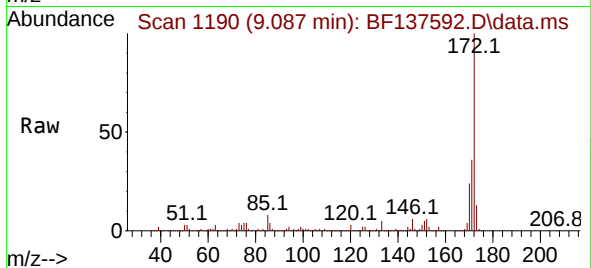
Tgt Ion:172 Resp: 2160862

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 19.0 28.6



#50

Dimethylphthalate

Concen: 2.240 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

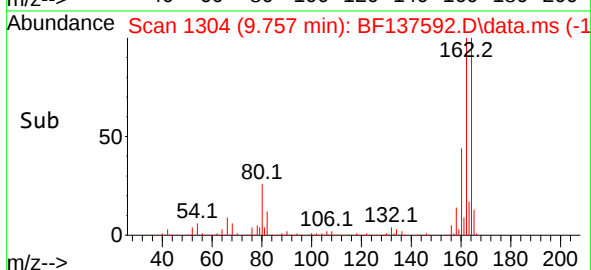
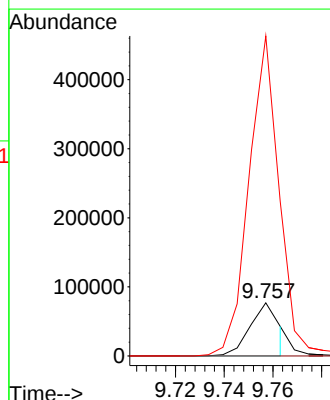
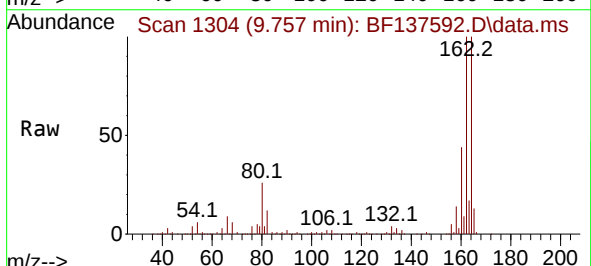
Tgt Ion:163 Resp: 63600

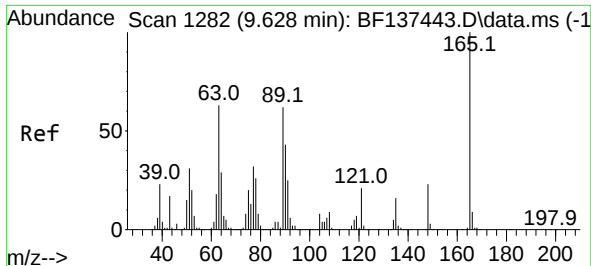
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 602.5 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 8.854 ng

RT: 9.757 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Instrument :

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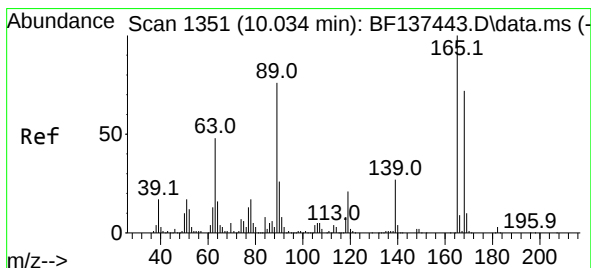
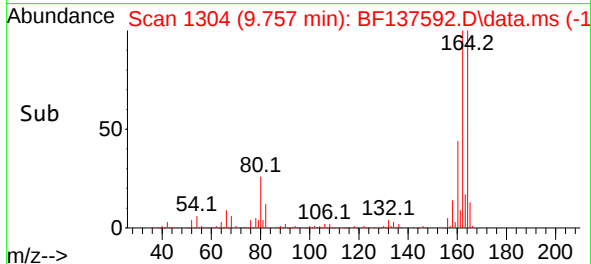
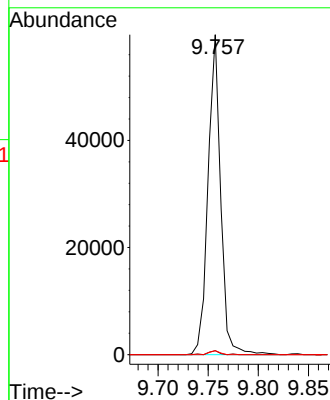
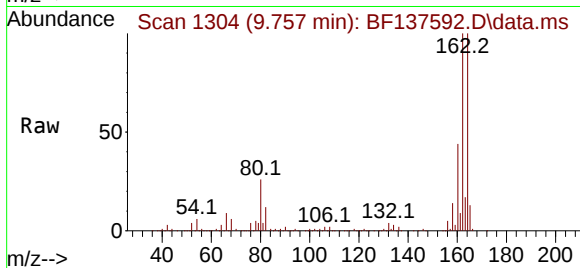
Tgt Ion:165 Resp: 52590

Ion Ratio Lower Upper

165 100

63 1.3 50.7 76.1#

89 1.3 50.0 75.0#



#57

2,4-Dinitrotoluene

Concen: 7.207 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Tgt Ion:165 Resp: 52590

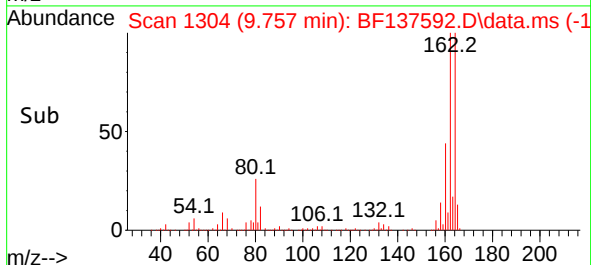
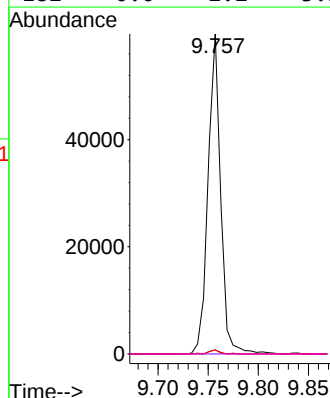
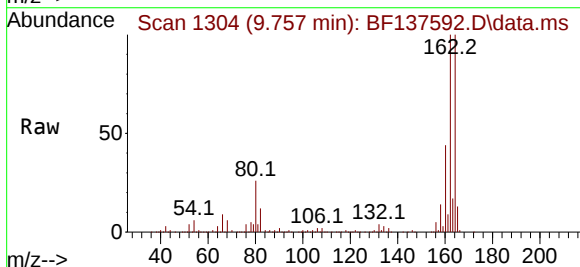
Ion Ratio Lower Upper

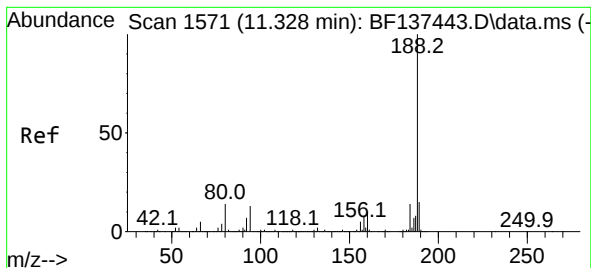
165 100

63 1.3 39.0 58.6#

89 1.3 60.9 91.3#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB159559TB

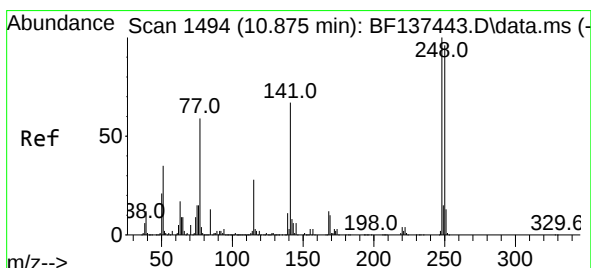
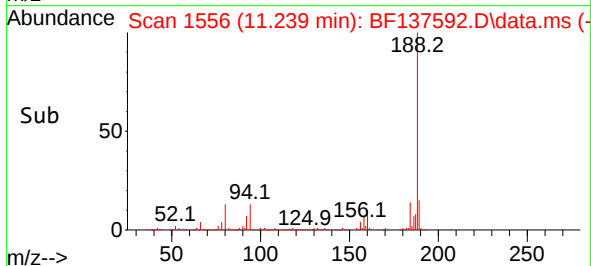
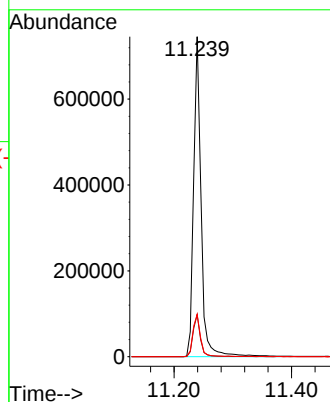
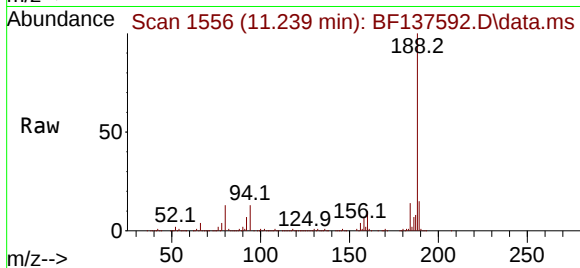
Tgt Ion:188 Resp: 662025

Ion Ratio Lower Upper

188 100

94 13.1 10.6 15.8

80 13.2 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 3.905 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

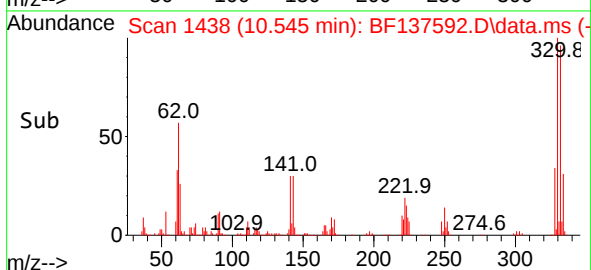
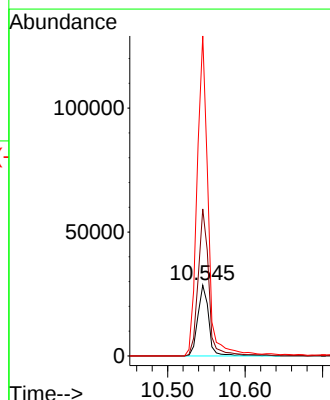
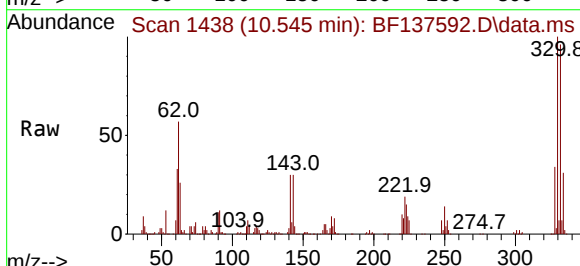
Tgt Ion:248 Resp: 28159

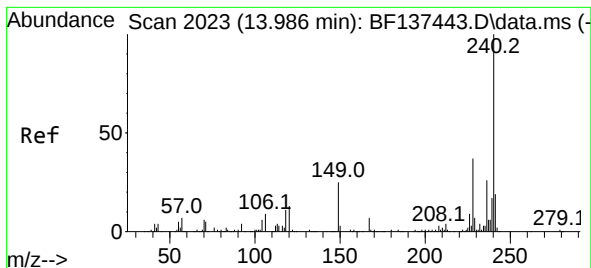
Ion Ratio Lower Upper

248 100

250 208.2 76.8 115.2#

141 452.9 53.4 80.0#

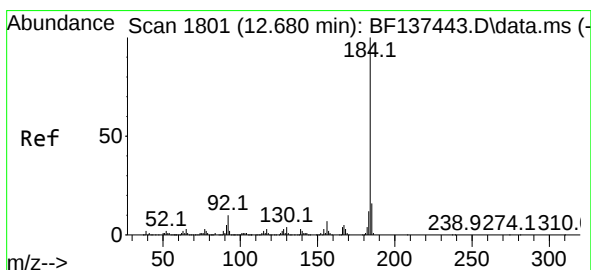
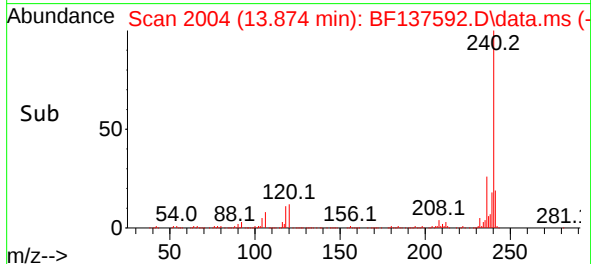
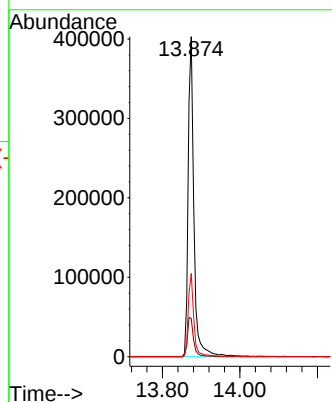
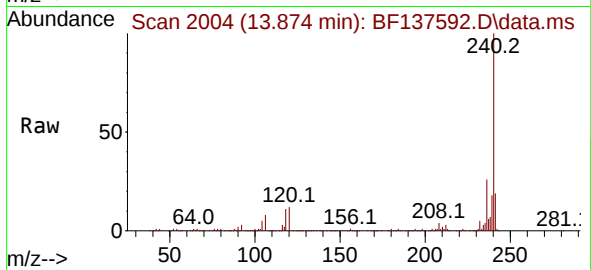




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

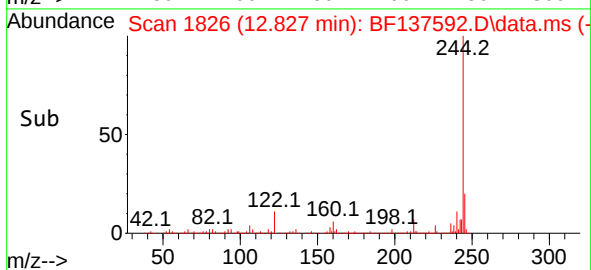
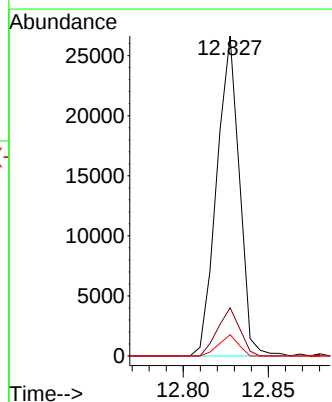
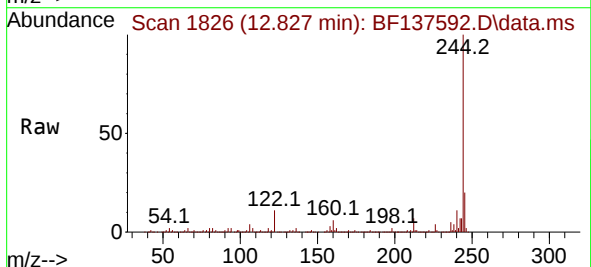
Instrument :
BNA_F
ClientSampleId :
PB159559TB

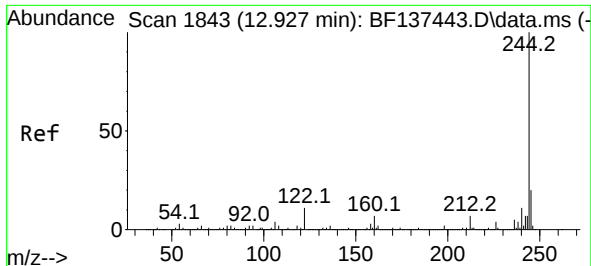
Tgt Ion:240 Resp: 414696
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 26.0 20.9 31.3



#77
Benzidine
Concen: 2.430 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

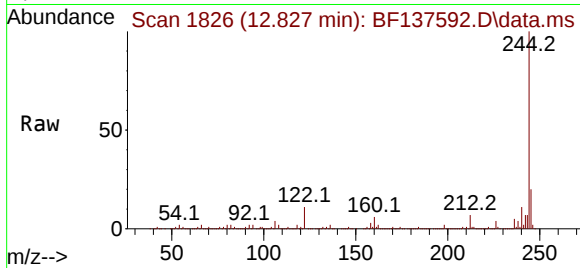
Tgt Ion:184 Resp: 24664
Ion Ratio Lower Upper
184 100
185 15.0 13.2 19.8
183 6.7 9.3 13.9#



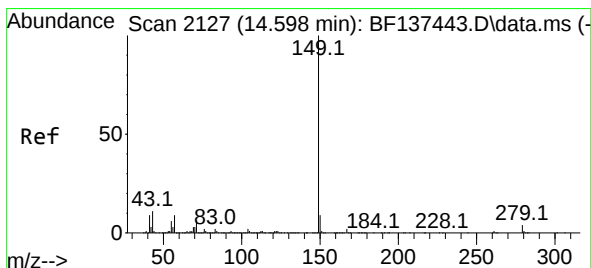
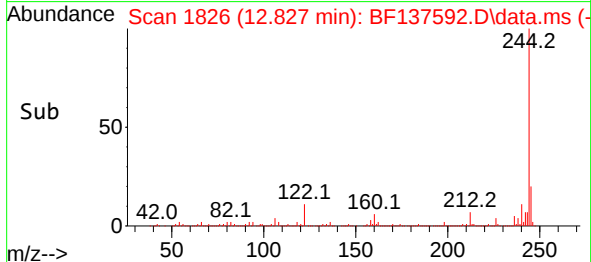
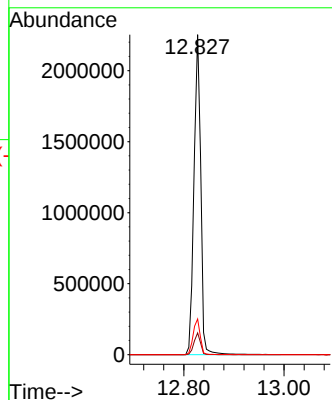


#79
 Terphenyl-d14
 Concen: 70.033 ng
 RT: 12.827 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137592.D
 Acq: 14 Mar 2024 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB159559TB

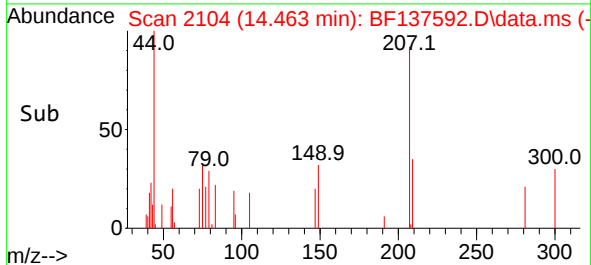
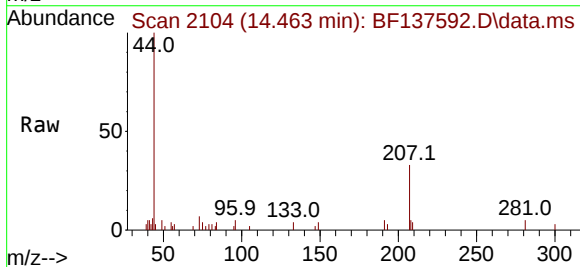


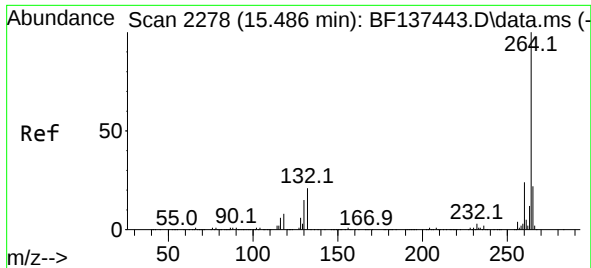
Tgt Ion:244 Resp: 2112018
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.1 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.615 ng
 RT: 14.463 min Scan# 2104
 Delta R.T. -0.012 min
 Lab File: BF137592.D
 Acq: 14 Mar 2024 16:00

Tgt Ion:149 Resp: 244
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 20.5 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137592.D
 Acq: 14 Mar 2024 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB159559TB

Tgt Ion:264 Resp: 355084
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.3 17.4 26.0

