

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137594.D
 Acq On : 14 Mar 2024 16:59
 Operator : CG\JU
 Sample : PB159584BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159584BL

Quant Time: Mar 14 17:23:33 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)

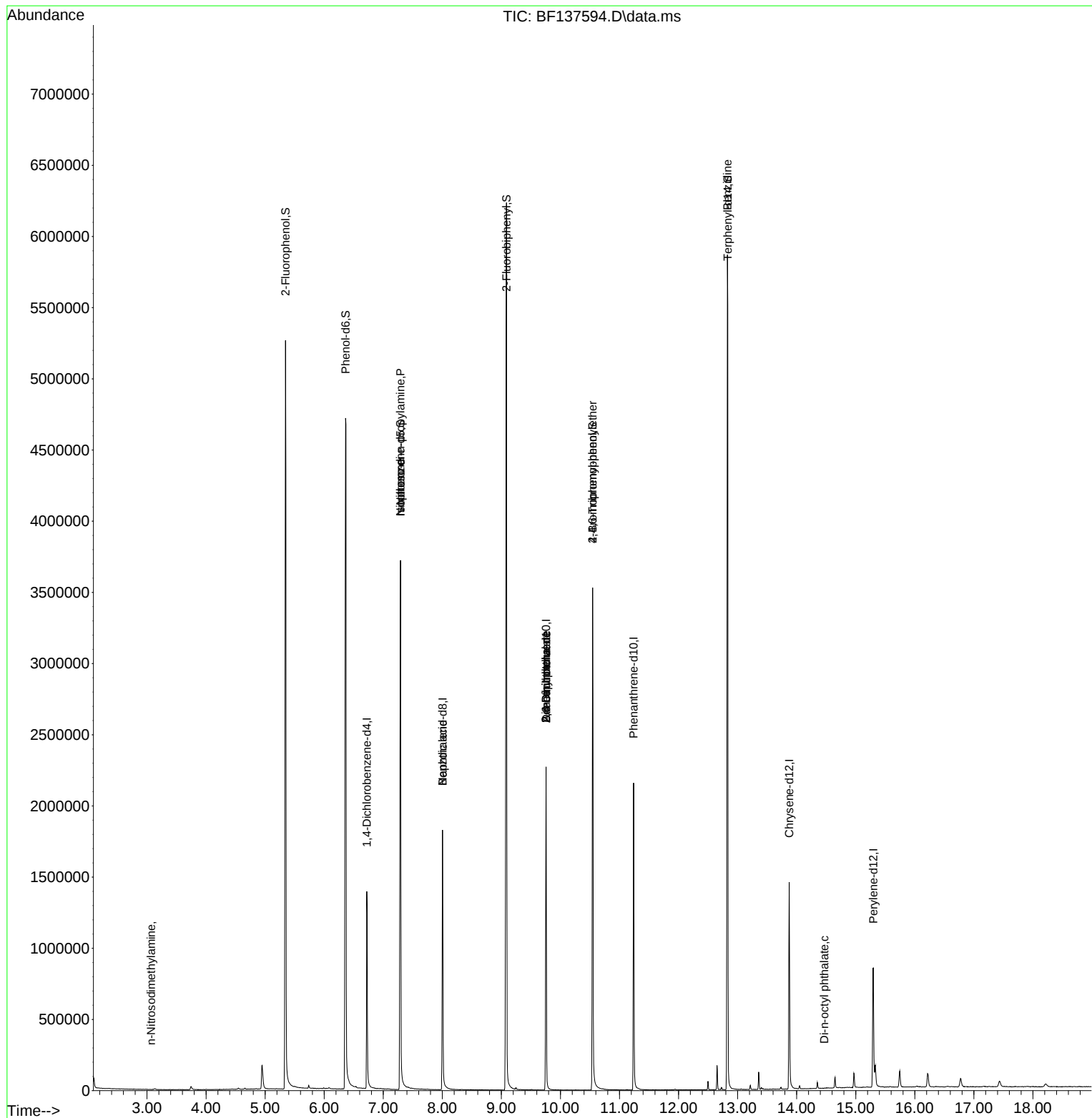
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	223746	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	870138	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	448656	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	760551	20.000	ng	0.00
76) Chrysene-d12	13.874	240	493558	20.000	ng	0.00
86) Perylene-d12	15.298	264	427060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1700093	115.079	ng	0.01
7) Phenol-d6	6.363	99	2294460	107.596	ng	0.00
23) Nitrobenzene-d5	7.292	82	1431080	76.418	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	475740	120.747	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2282793	79.647	ng	0.00
79) Terphenyl-d14	12.833	244	2391663	66.634	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.069	42	324	3.846	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	187157	14.213	ng	# 80
25) Isophorone	7.292	82	1431070	40.223	ng	# 69
32) Benzoic acid	8.004	122	133	6.313	ng	# 1
50) Dimethylphthalate	9.757	163	85411	2.735	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	57507	8.803	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	57509	7.166	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	30910	3.731	ng	# 1
77) Benzidine	12.827	184	28208	2.335	ng	# 93
85) Di-n-octyl phthalate	14.468	149	303	5.616	ng	# 72

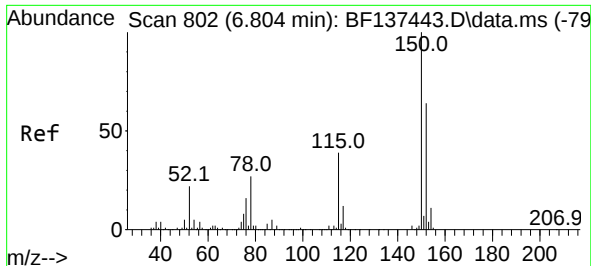
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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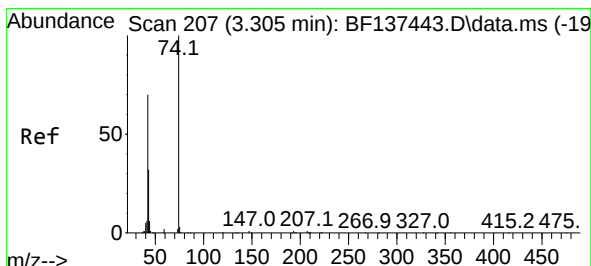
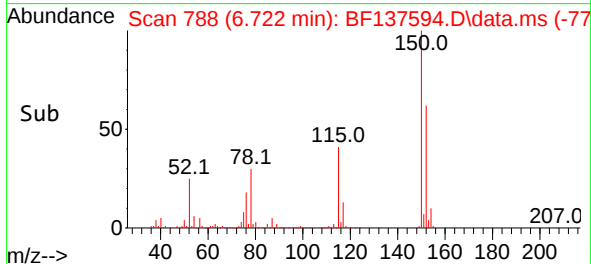
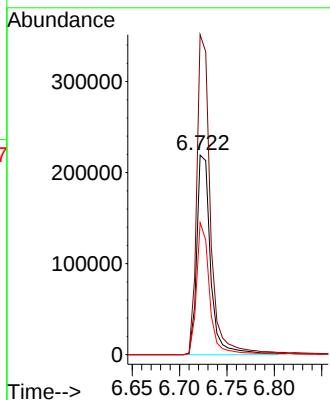
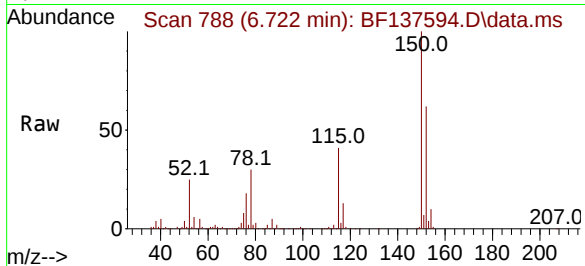




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

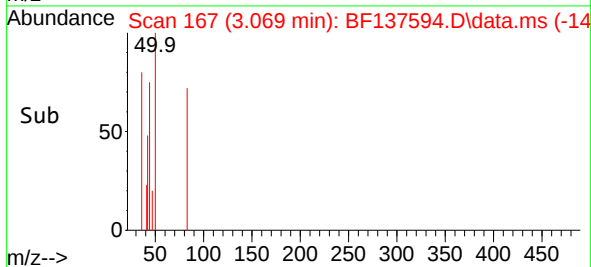
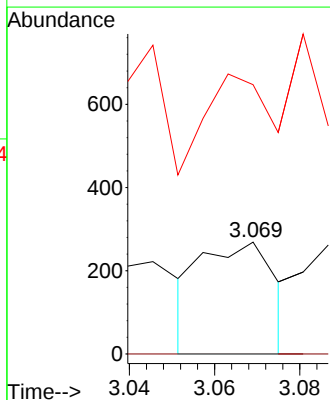
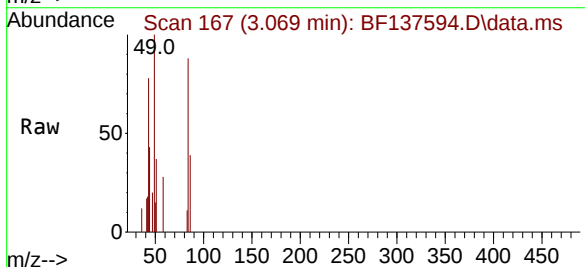
Instrument :
BNA_F
ClientSampleId :
PB159584BL

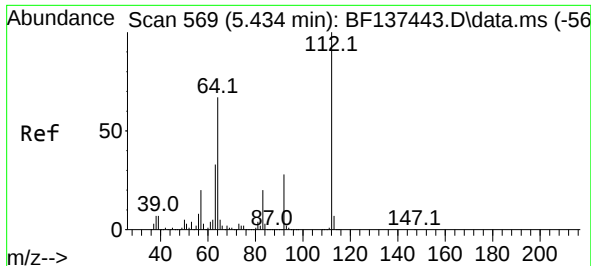
Tgt Ion:152 Resp: 223746
Ion Ratio Lower Upper
152 100
150 160.4 125.8 188.6
115 66.2 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.846 ng
RT: 3.069 min Scan# 167
Delta R.T. 0.029 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

Tgt Ion: 42 Resp: 324
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 240.5 7.0 10.4#

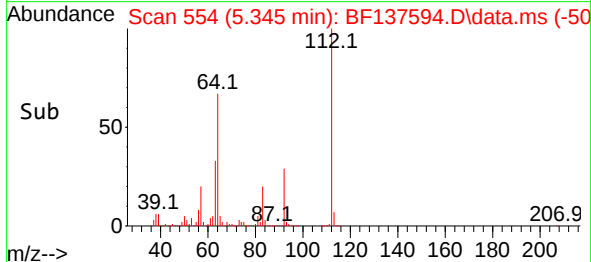
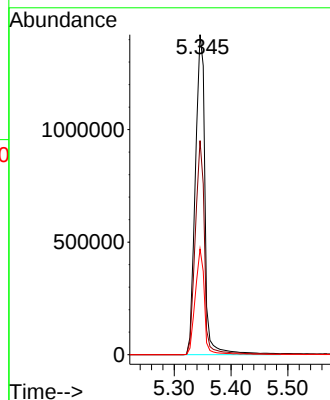
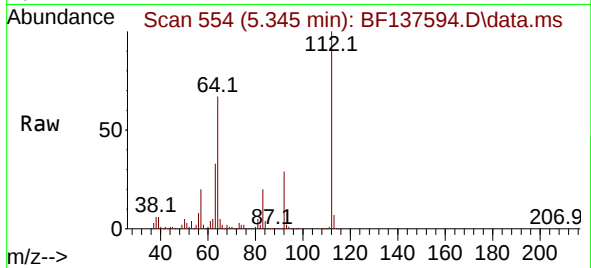




#5
2-Fluorophenol
Concen: 115.079 ng
RT: 5.345 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

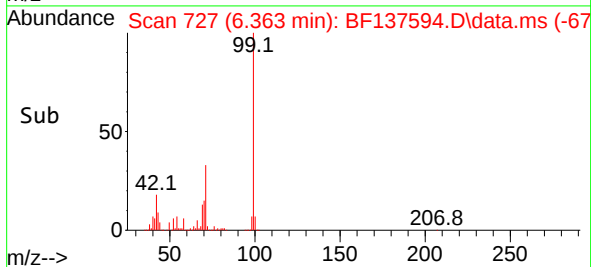
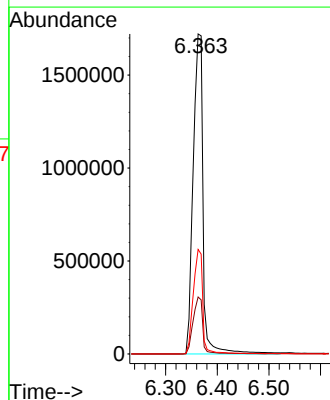
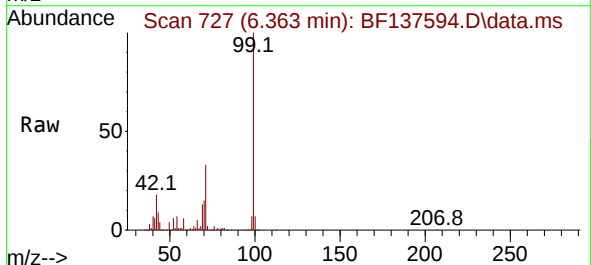
Instrument :
BNA_F
ClientSampleId :
PB159584BL

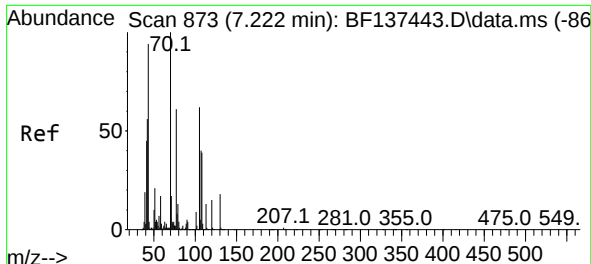
Tgt Ion:112 Resp: 1700093
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 33.0 26.2 39.2



#7
Phenol-d6
Concen: 107.596 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

Tgt Ion: 99 Resp: 2294460
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 32.7 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 14.213 ng

RT: 7.292 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF137594.D

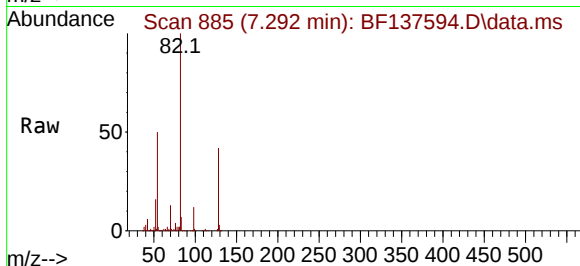
Acq: 14 Mar 2024 16:59

Instrument :

BNA_F

ClientSampleId :

PB159584BL



Tgt Ion: 70 Resp: 187157

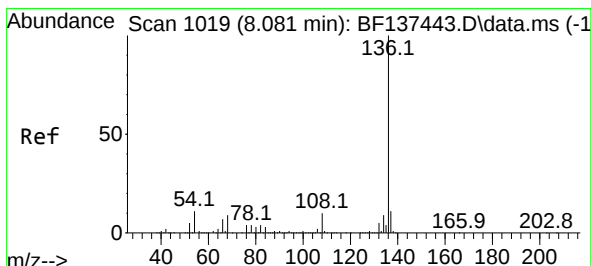
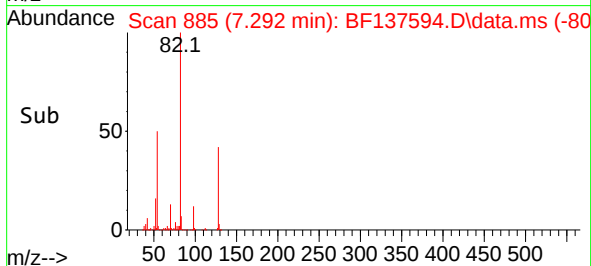
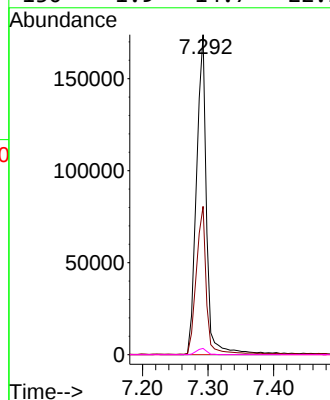
Ion Ratio Lower Upper

70 100

42 46.4 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: BF137594.D

Acq: 14 Mar 2024 16:59

Tgt Ion:136 Resp: 870138

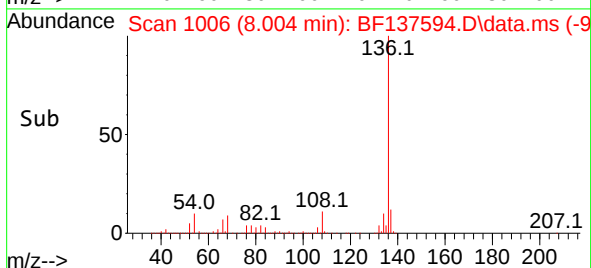
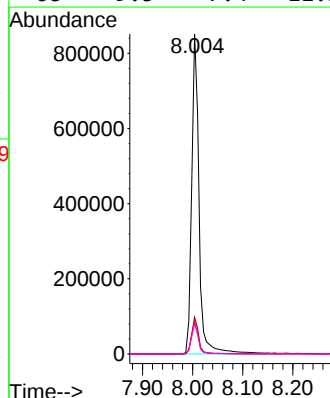
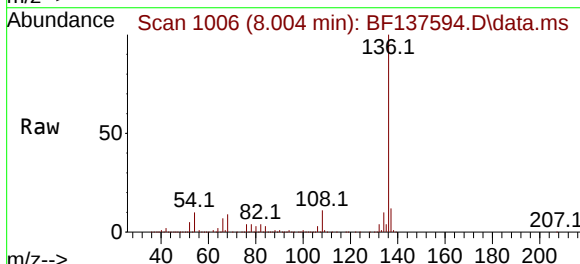
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.4 8.5 12.7

68 9.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.418 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

Instrument :

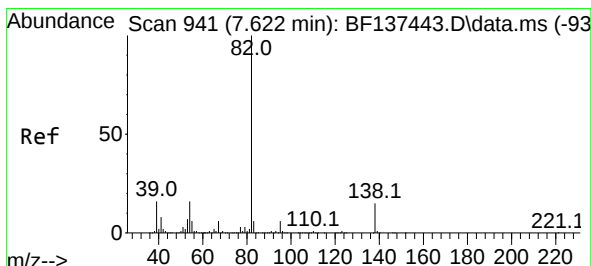
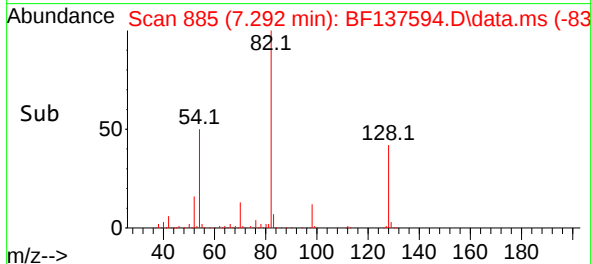
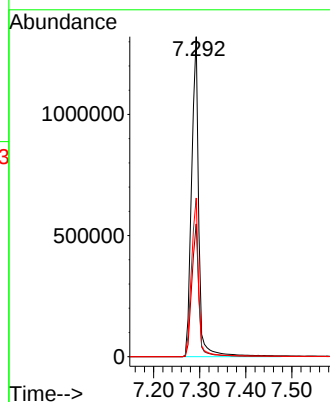
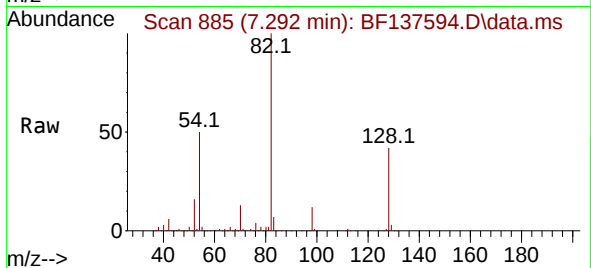
BNA_F

ClientSampleId :

PB159584BL

Tgt Ion: 82 Resp: 1431080

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	49.6	41.5	62.3



#25

Isophorone

Concen: 40.223 ng

RT: 7.292 min Scan# 885

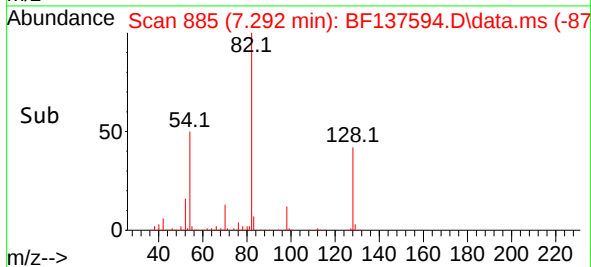
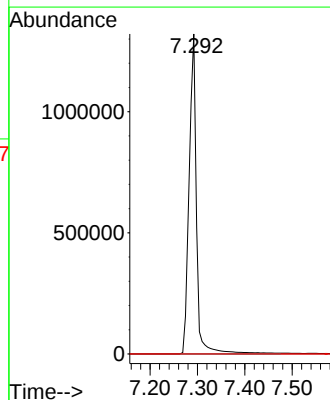
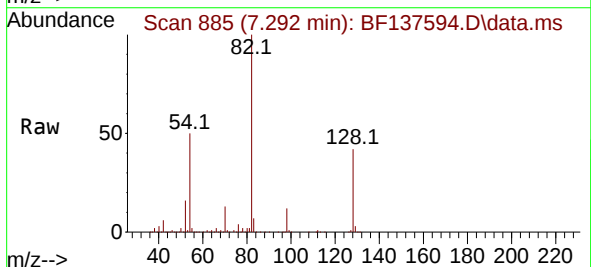
Delta R.T. -0.259 min

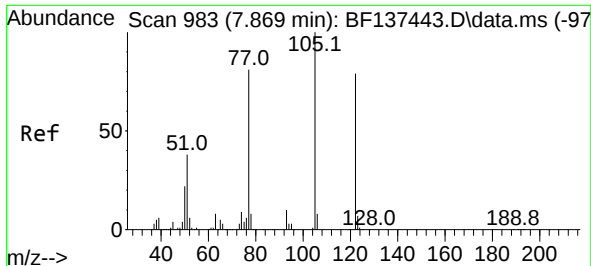
Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

Tgt Ion: 82 Resp: 1431070

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	11.8	17.8#

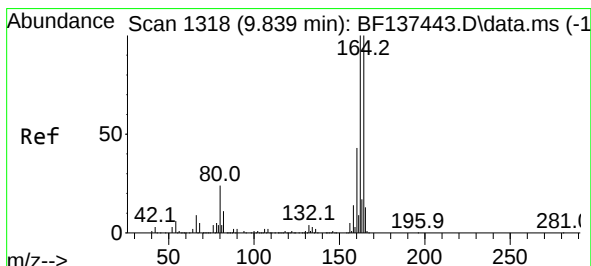
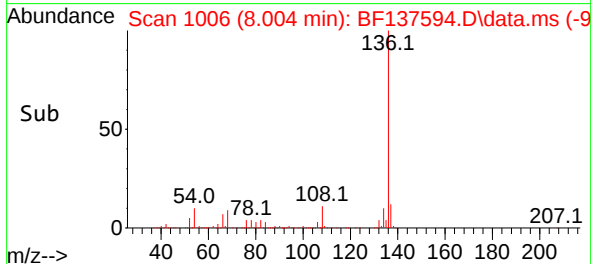
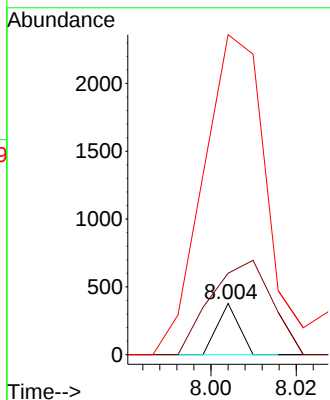
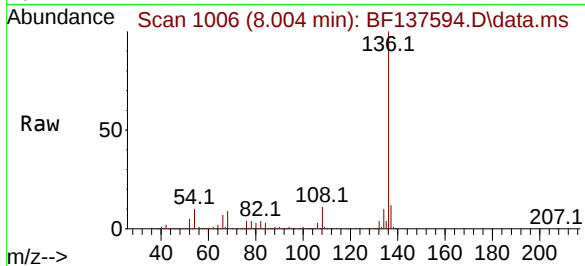




#32
Benzoic acid
Concen: 6.313 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

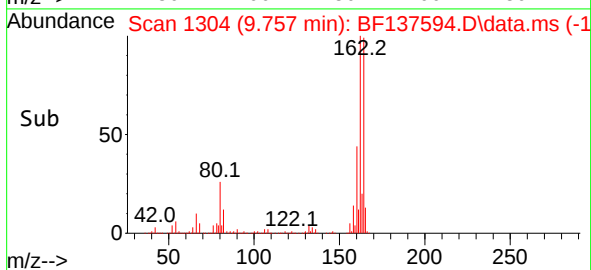
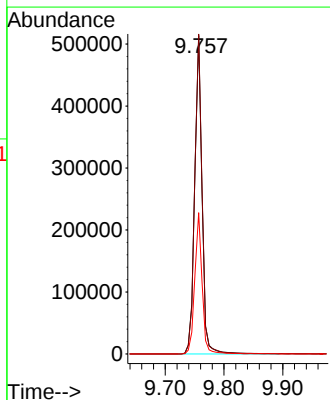
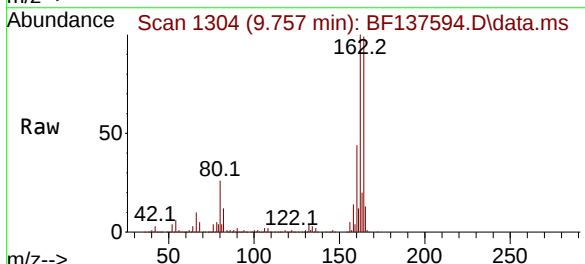
Instrument :
BNA_F
ClientSampleId :
PB159584BL

Tgt Ion:122 Resp: 133
Ion Ratio Lower Upper
122 100
105 159.4 102.4 142.4#
77 626.0 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: BF137594.D
Acq: 14 Mar 2024 16:59

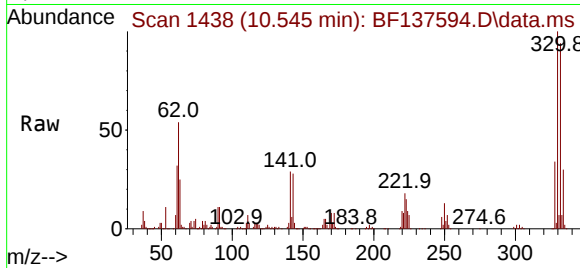
Tgt Ion:164 Resp: 448656
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 44.4 34.4 51.6



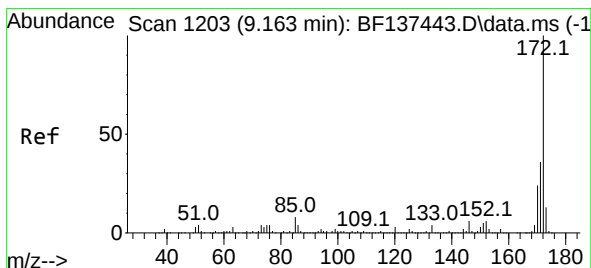
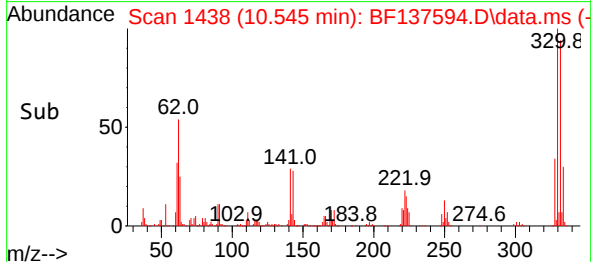
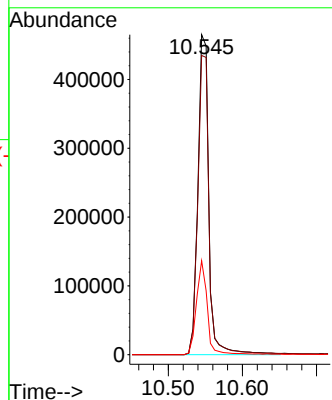


#42
2,4,6-Tribromophenol
Concen: 120.747 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

Instrument :
BNA_F
ClientSampleId :
PB159584BL

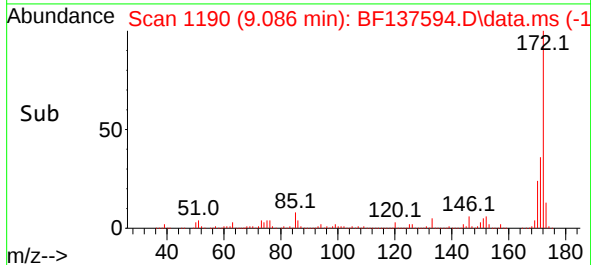
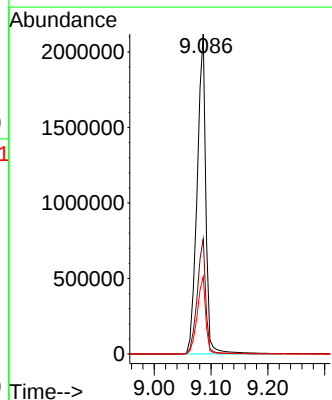
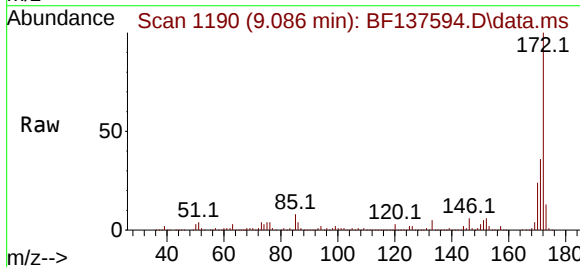


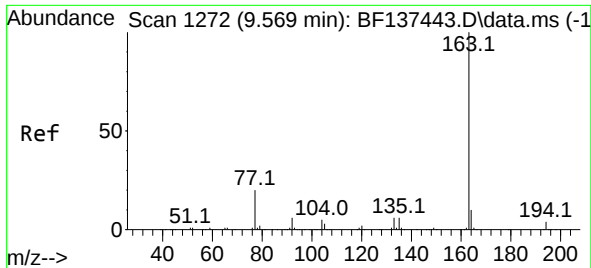
Tgt Ion:330 Resp: 475740
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 28.9 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 79.647 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

Tgt Ion:172 Resp: 2282793
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.2 19.0 28.6

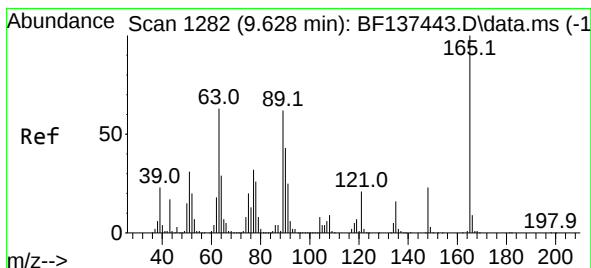
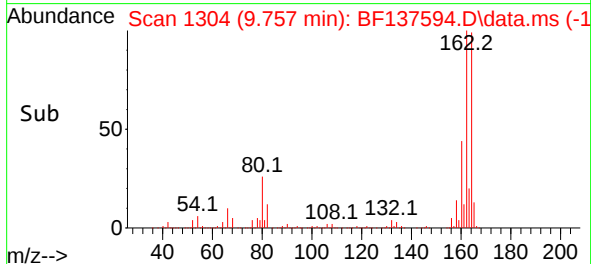
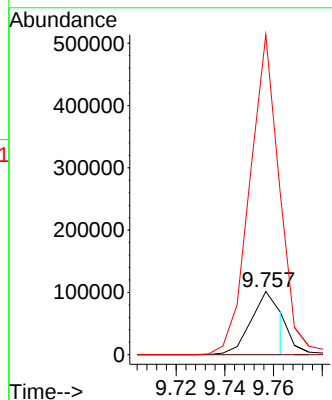
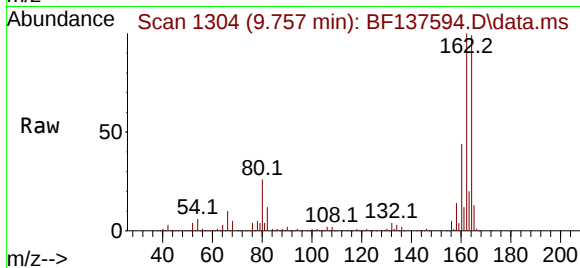




#50
Dimethylphthalate
Concen: 2.735 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

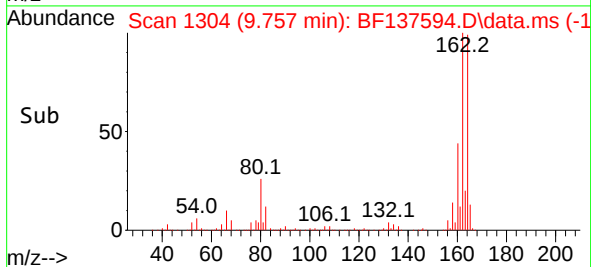
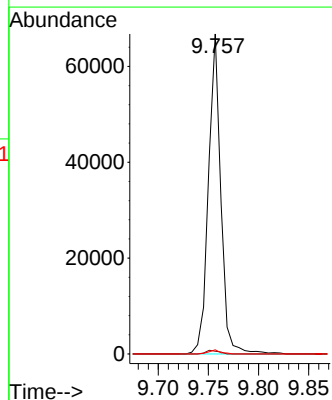
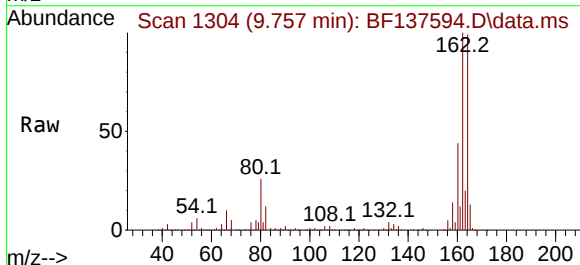
Instrument :
BNA_F
ClientSampleId :
PB159584BL

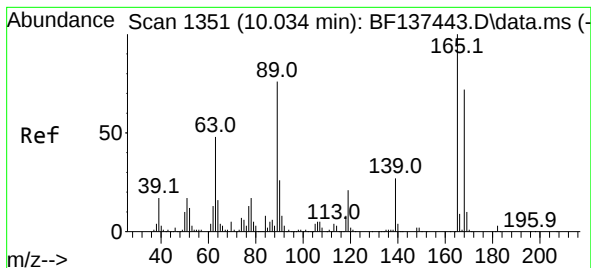
Tgt Ion:163 Resp: 85411
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 506.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.803 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

Tgt Ion:165 Resp: 57507
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 1.3 50.0 75.0#

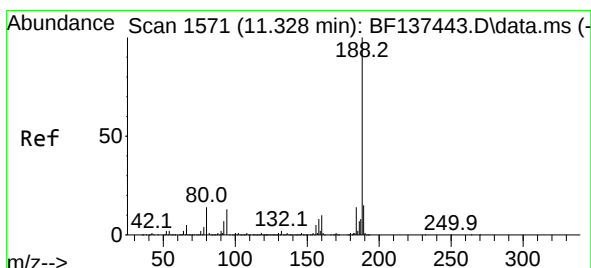
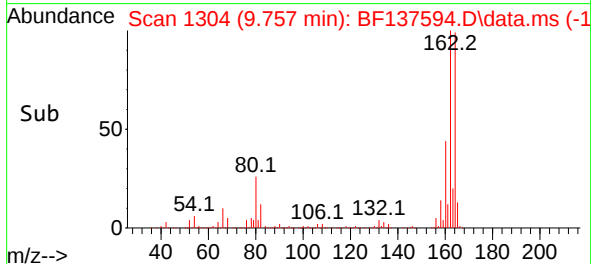
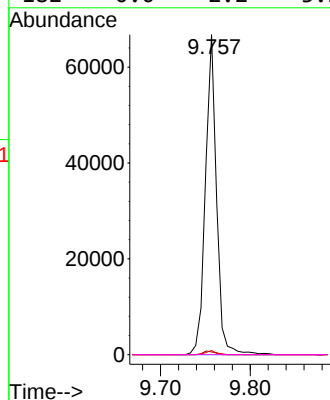
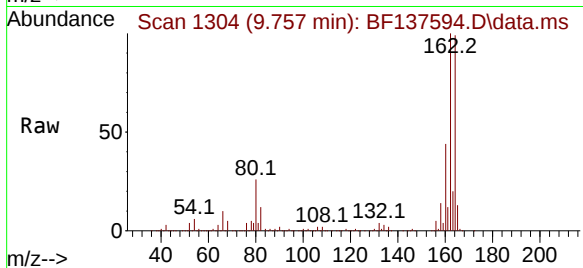




#57
2,4-Dinitrotoluene
Concen: 7.166 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

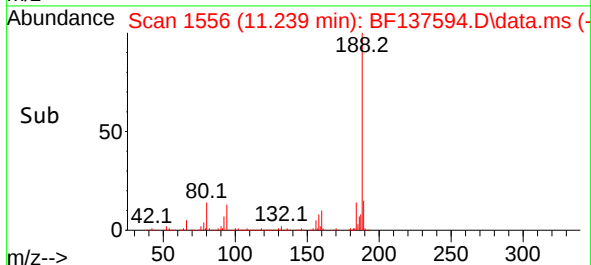
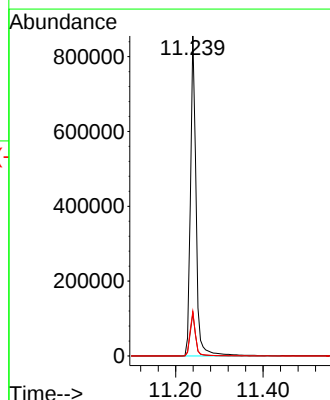
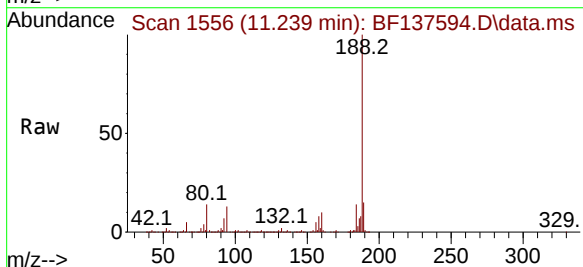
Instrument :
BNA_F
ClientSampleId :
PB159584BL

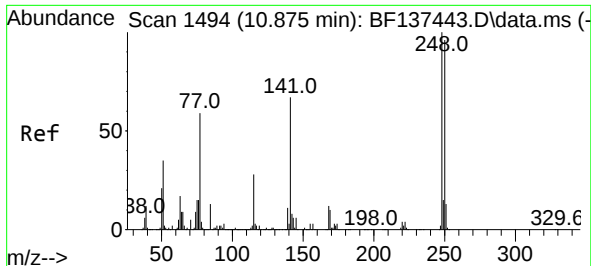
Tgt Ion:165 Resp: 57509
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 1.3 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

Tgt Ion:188 Resp: 760551
Ion Ratio Lower Upper
188 100
94 13.4 10.6 15.8
80 13.9 11.5 17.3

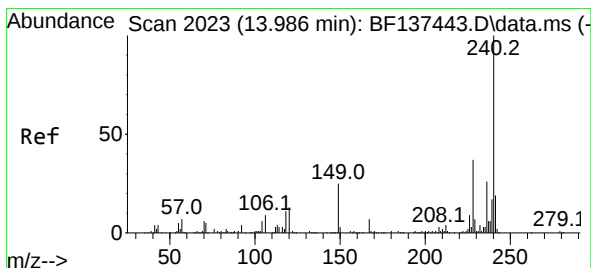
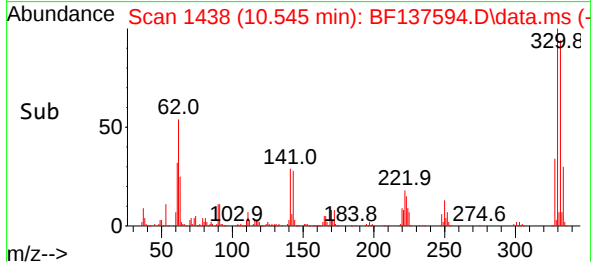
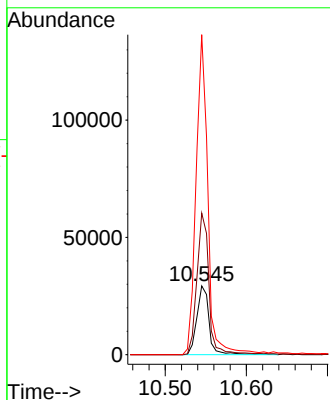
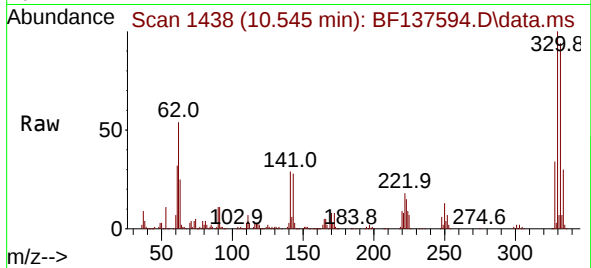




#67
4-Bromophenyl-phenylether
Concen: 3.731 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

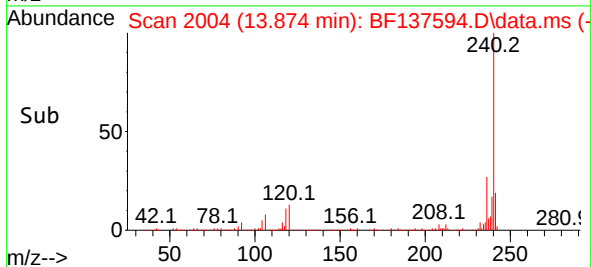
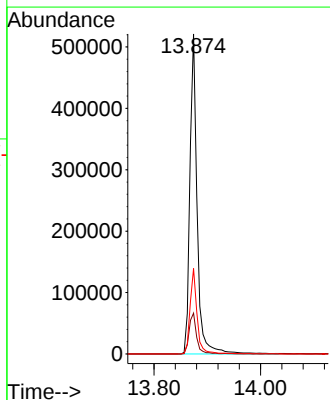
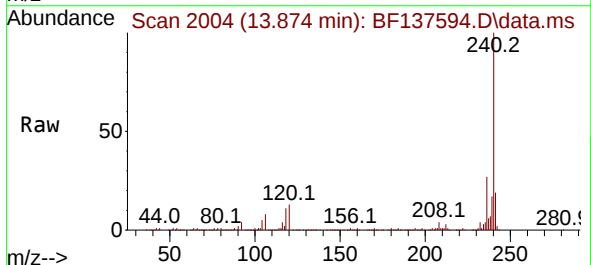
Instrument :
BNA_F
ClientSampleId :
PB159584BL

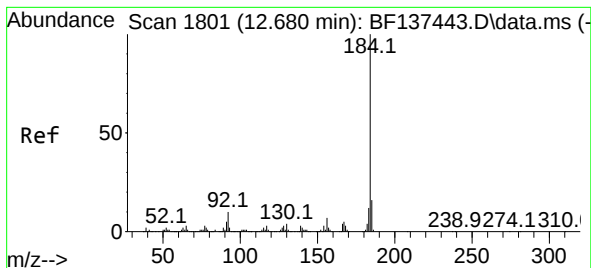
Tgt Ion:248 Resp: 30910
Ion Ratio Lower Upper
248 100
250 205.9 76.8 115.2#
141 465.1 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137594.D
Acq: 14 Mar 2024 16:59

Tgt Ion:240 Resp: 493558
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 26.7 20.9 31.3





#77

Benzidine

Concen: 2.335 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

Instrument :

BNA_F

ClientSampleId :

PB159584BL

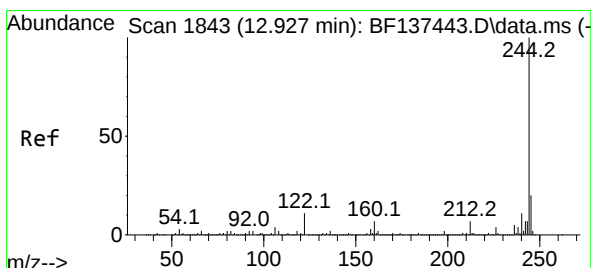
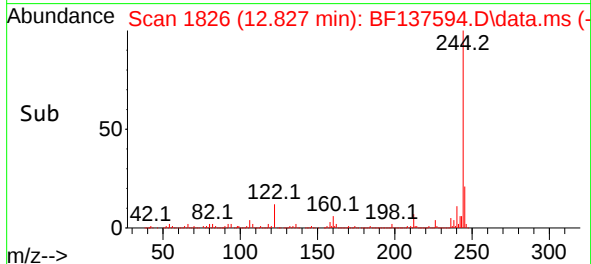
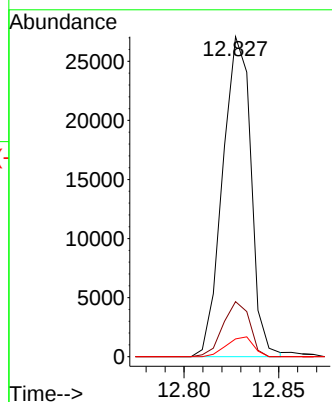
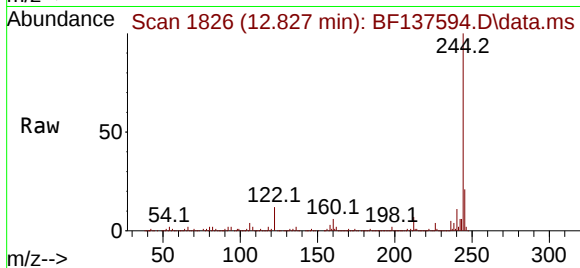
Tgt Ion:184 Resp: 28208

Ion Ratio Lower Upper

184 100

185 17.2 13.2 19.8

183 5.6 9.3 13.9#



#79

Terphenyl-d14

Concen: 66.634 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

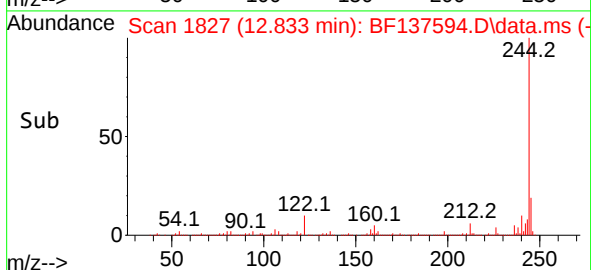
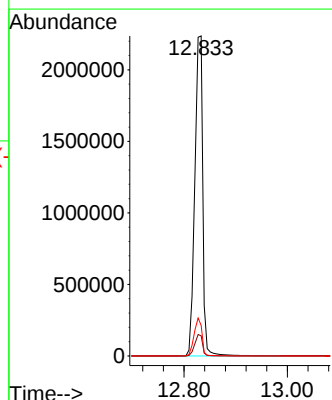
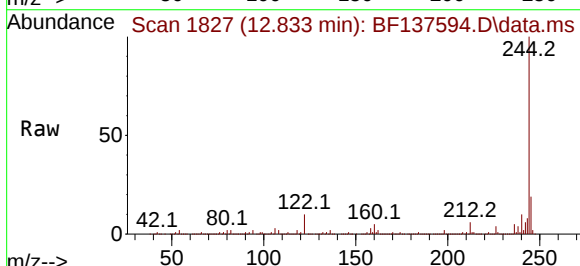
Tgt Ion:244 Resp: 2391663

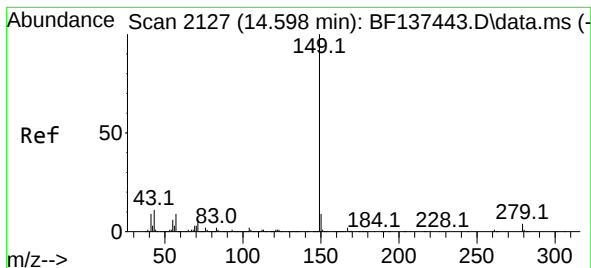
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 9.5 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.616 ng

RT: 14.468 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF137594.D

Acq: 14 Mar 2024 16:59

Instrument :

BNA_F

ClientSampleId :

PB159584BL

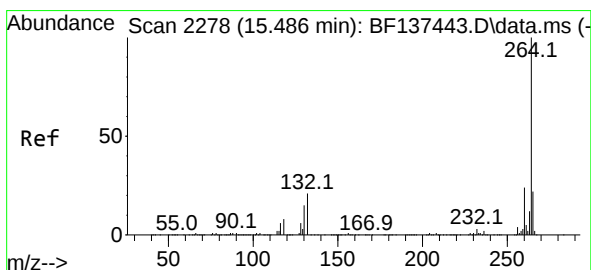
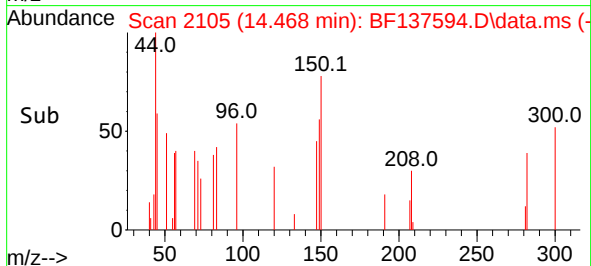
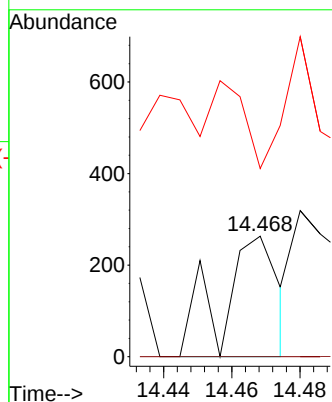
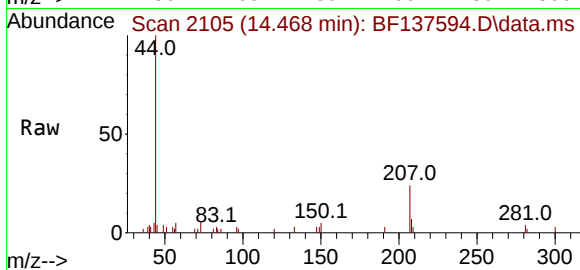
Tgt Ion:149 Resp: 303

Ion Ratio Lower Upper

149 100

167 0.0 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: BF137594.D

Acq: 14 Mar 2024 16:59

Tgt Ion:264 Resp: 427060

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.7 17.4 26.0

