

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137626.D
 Acq On : 18 Mar 2024 12:34
 Operator : CG\JU
 Sample : PB159633BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159633BL

Quant Time: Mar 18 13:01:55 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)

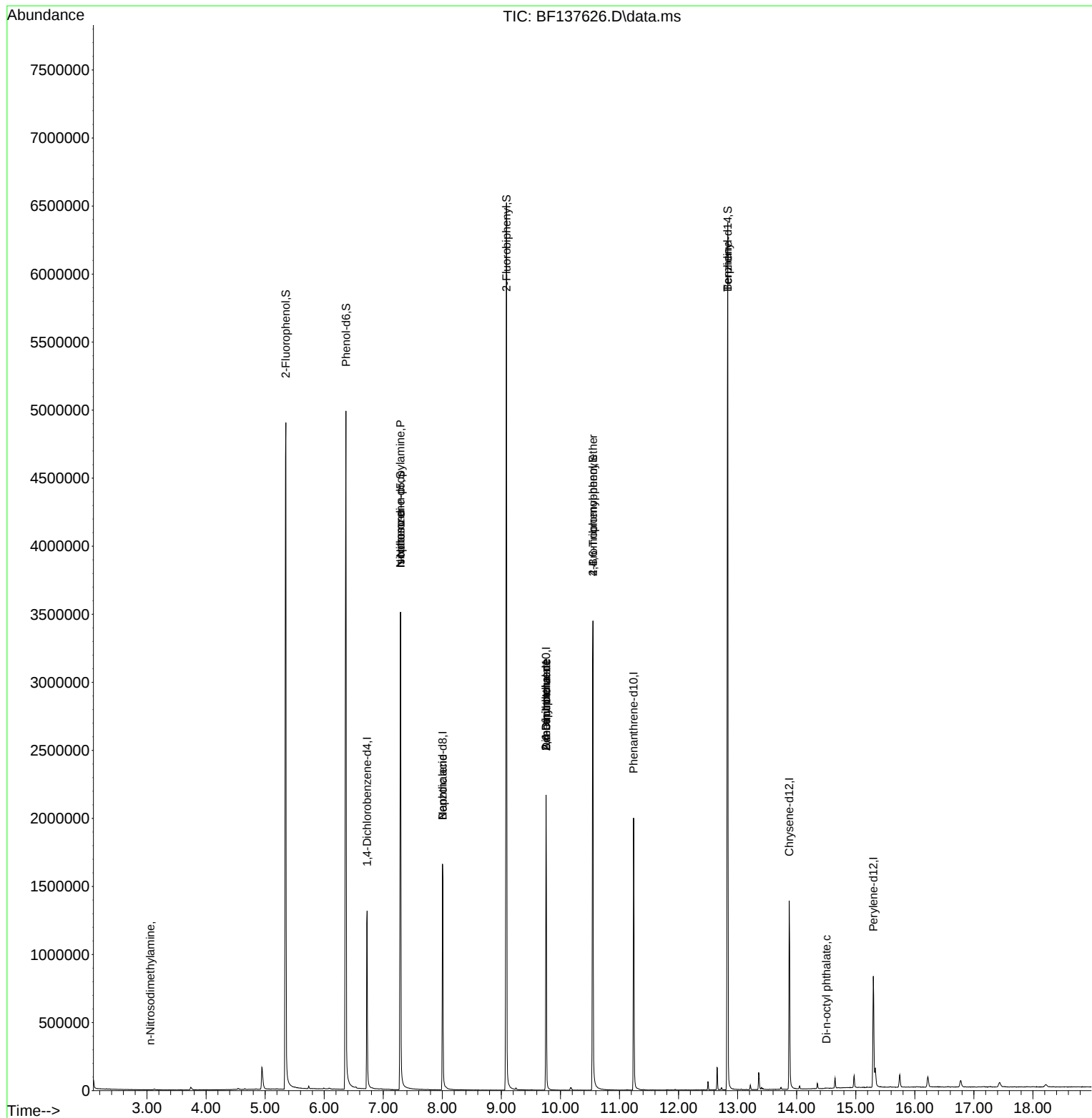
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	213196	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	822536	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	435299	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	746900	20.000	ng	0.00
76) Chrysene-d12	13.874	240	480906	20.000	ng	0.00
86) Perylene-d12	15.298	264	393200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1607131	114.170	ng	0.02
7) Phenol-d6	6.369	99	2166776	106.637	ng	0.00
23) Nitrobenzene-d5	7.292	82	1360954	76.879	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	478011	125.046	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2175969	78.249	ng	0.00
79) Terphenyl-d14	12.833	244	2424967	69.340	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.057	42	513	3.871	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	176345	14.054	ng	# 79
25) Isophorone	7.292	82	1360947	40.466	ng	# 69
32) Benzoic acid	8.004	122	177	6.319	ng	# 1
50) Dimethylphthalate	9.757	163	77500	2.558	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	55441	8.747	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	55647	7.146	ng	# 21
67) 4-Bromophenyl-phenylether	10.551	248	31321	3.850	ng	# 1
77) Benzidine	12.833	184	27735	2.357	ng	# 92
85) Di-n-octyl phthalate	14.504	149	1530	5.653	ng	# 72

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

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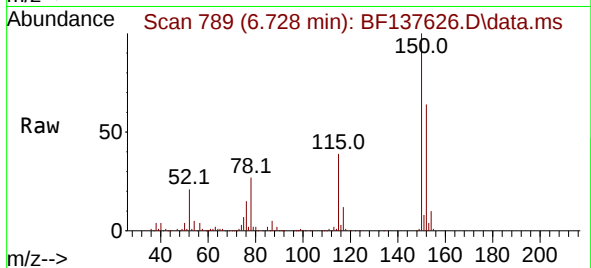
Quant Time: Mar 18 13:01:55 2024
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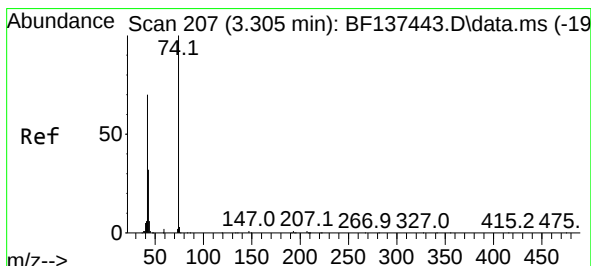
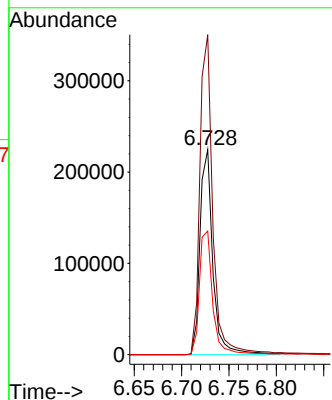
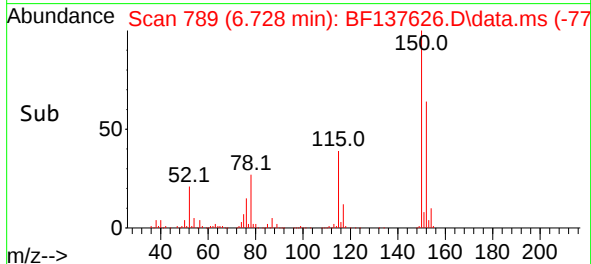


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

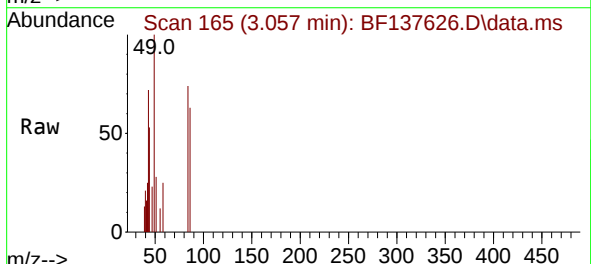
Instrument :
BNA_F
ClientSampleId :
PB159633BL



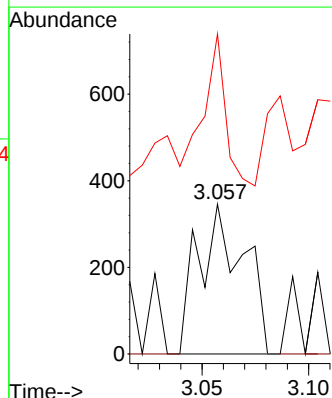
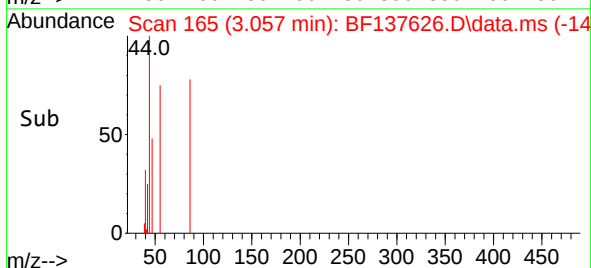
Tgt Ion:152 Resp: 213196
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 60.3 48.8 73.2

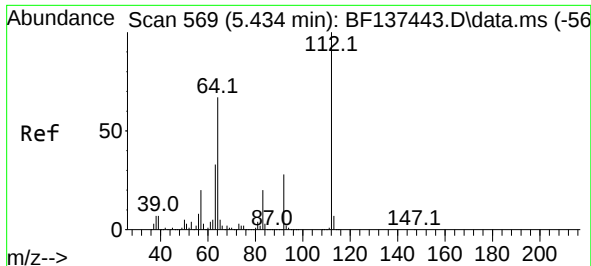


#4
n-Nitrosodimethylamine
Concen: 3.871 ng
RT: 3.057 min Scan# 165
Delta R.T. 0.017 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34



Tgt Ion: 42 Resp: 513
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 213.6 7.0 10.4#

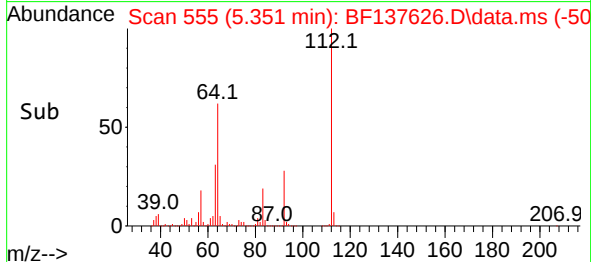
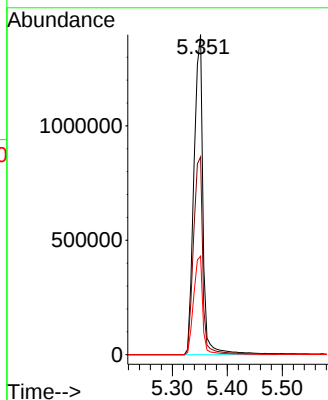
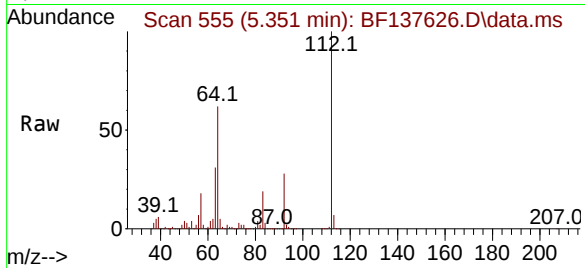




#5
2-Fluorophenol
Concen: 114.170 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

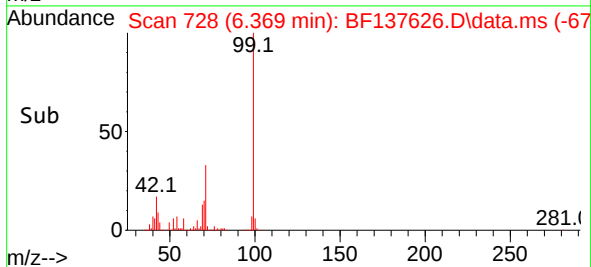
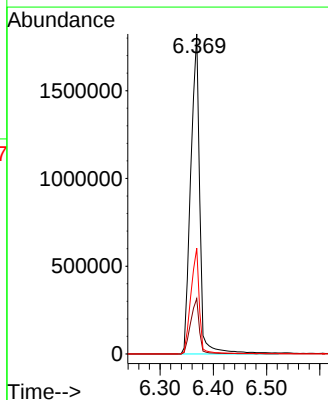
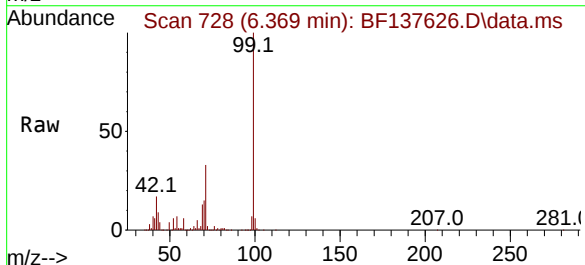
Instrument :
BNA_F
ClientSampleId :
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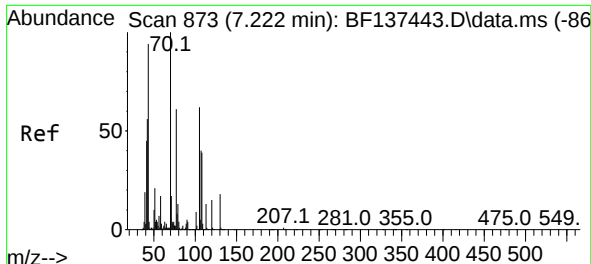
Tgt Ion:112 Resp: 1607131
Ion Ratio Lower Upper
112 100
64 61.8 53.4 80.2
63 30.8 26.2 39.2



#7
Phenol-d6
Concen: 106.637 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

Tgt Ion: 99 Resp: 2166776
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 33.0 25.3 37.9



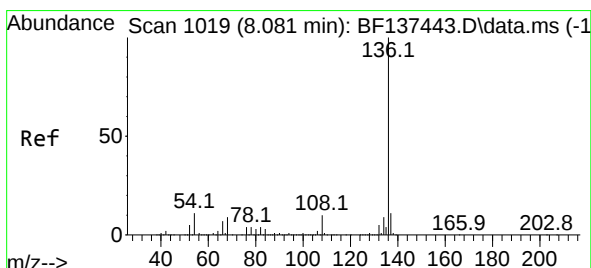
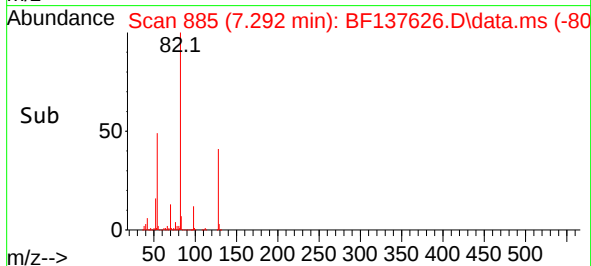
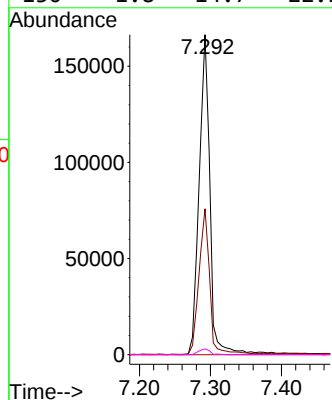
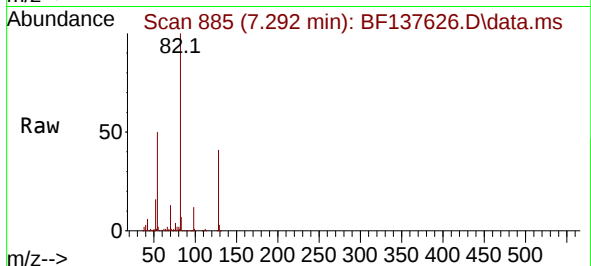


#19
n-Nitroso-di-n-propylamine
Concen: 14.054 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB159633BL

Tgt Ion: 70 Resp: 176345

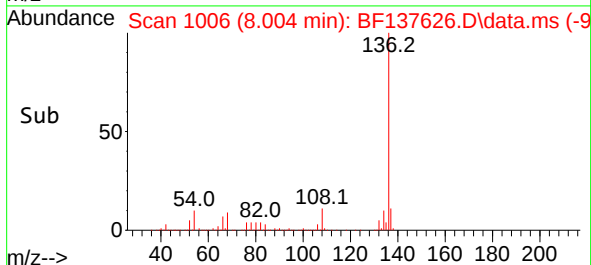
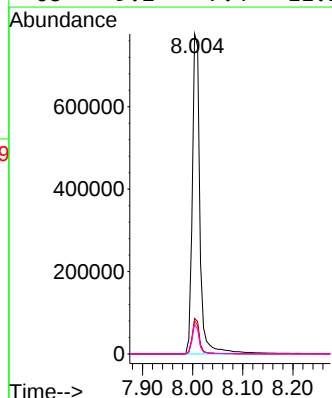
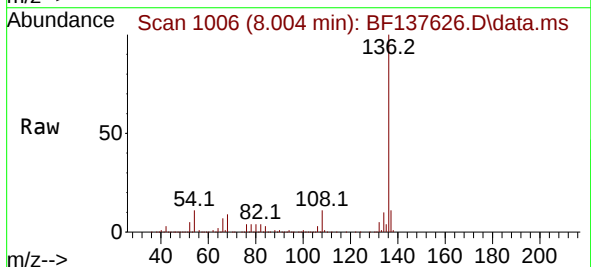
Ion	Ratio	Lower	Upper
70	100		
42	45.6	45.2	67.8
101	0.0	7.3	10.9#
130	1.8	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

Tgt Ion: 136 Resp: 822536

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.5	8.5	12.7
68	9.2	7.4	11.2





#23

Nitrobenzene-d5

Concen: 76.879 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137626.D

Acq: 18 Mar 2024 12:34

Instrument :

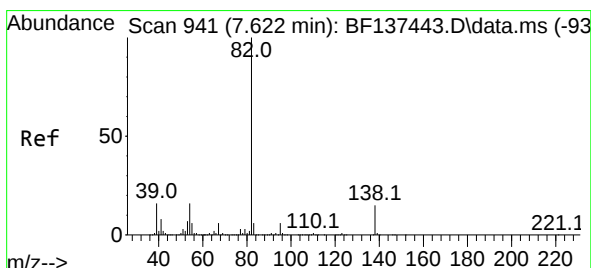
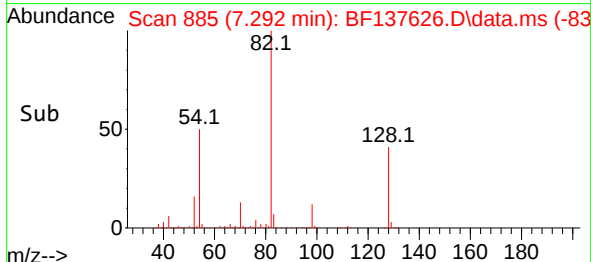
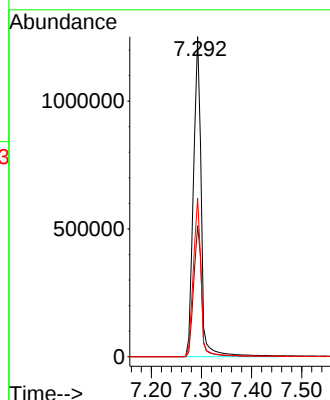
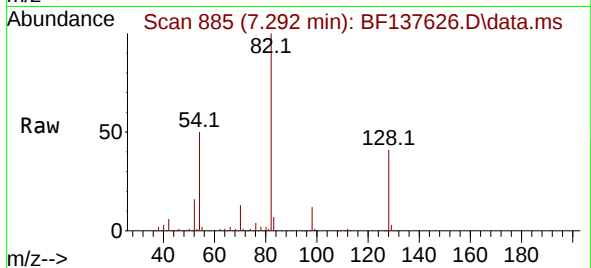
BNA_F

ClientSampleId :

PB159633BL

Tgt Ion: 82 Resp: 1360954

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.5	48.7
54	49.5	41.5	62.3



#25

Isophorone

Concen: 40.466 ng

RT: 7.292 min Scan# 885

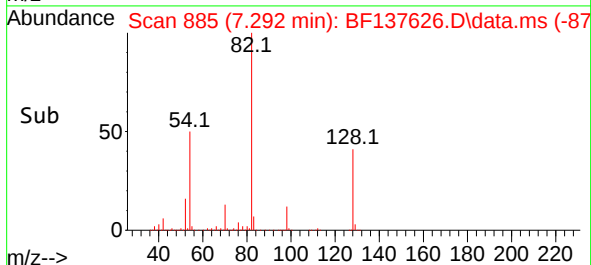
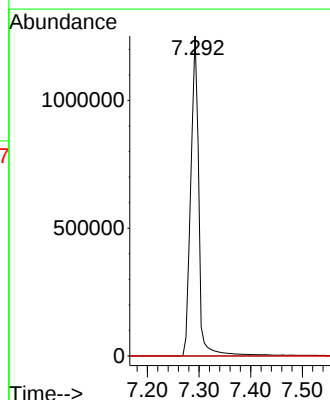
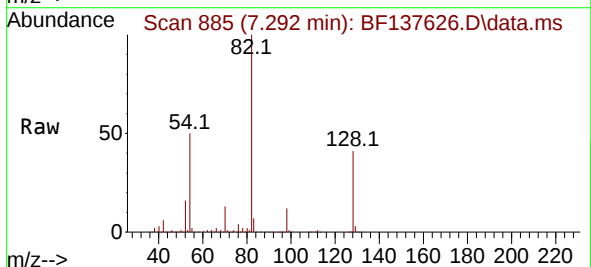
Delta R.T. -0.259 min

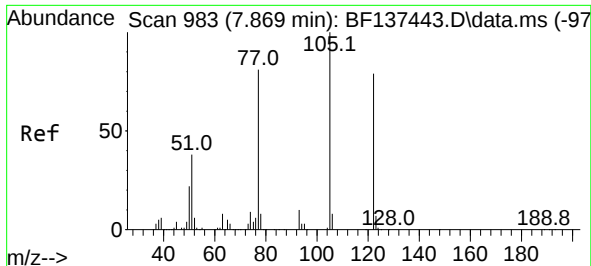
Lab File: BF137626.D

Acq: 18 Mar 2024 12:34

Tgt Ion: 82 Resp: 1360947

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

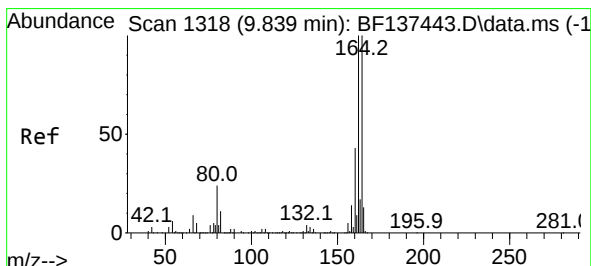
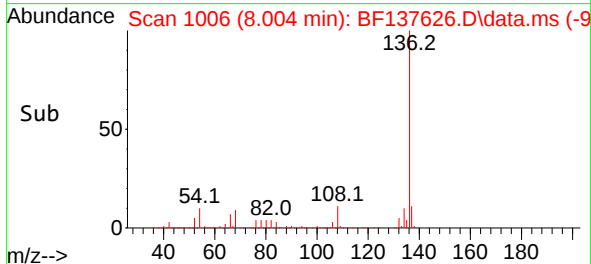
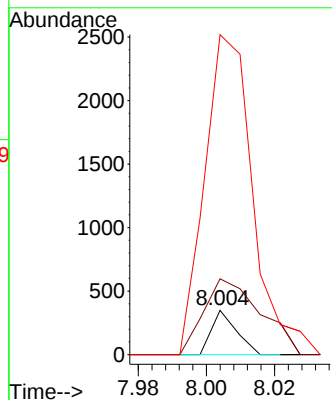
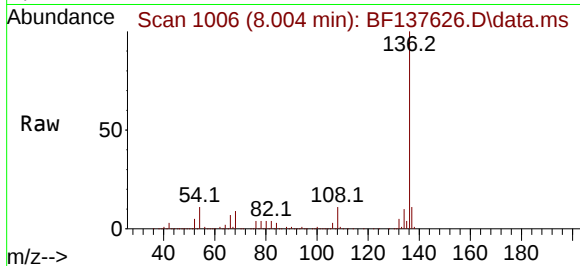




#32
Benzoic acid
Concen: 6.319 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

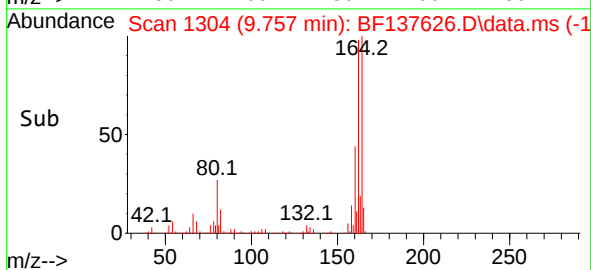
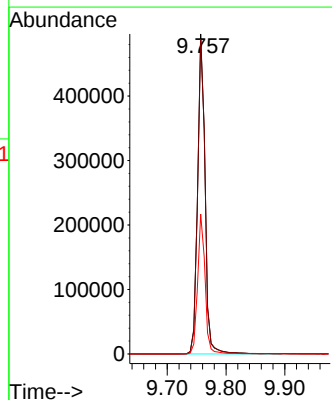
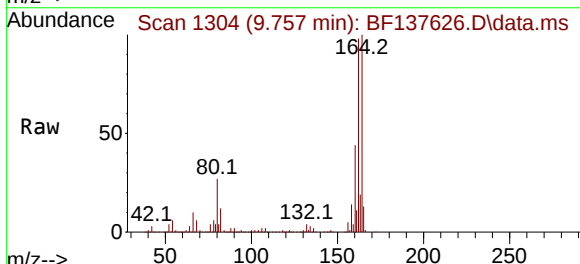
Instrument :
BNA_F
ClientSampleId :
PB159633BL

Tgt Ion:122 Resp: 177
Ion Ratio Lower Upper
122 100
105 171.1 102.4 142.4#
77 721.8 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: BF137626.D
Acq: 18 Mar 2024 12:34

Tgt Ion:164 Resp: 435299
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 43.7 34.4 51.6

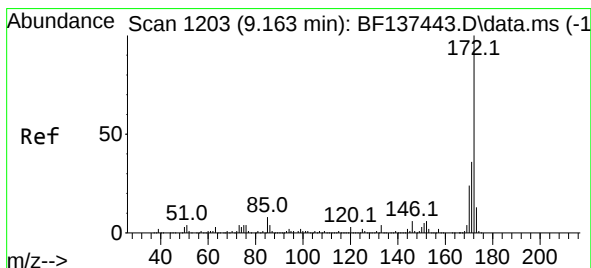
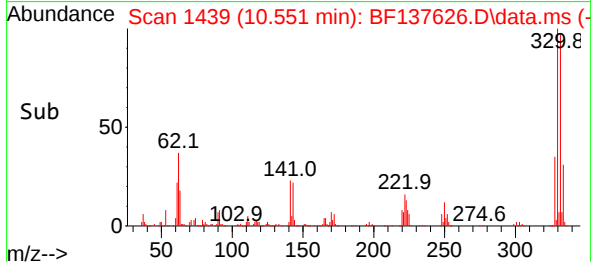
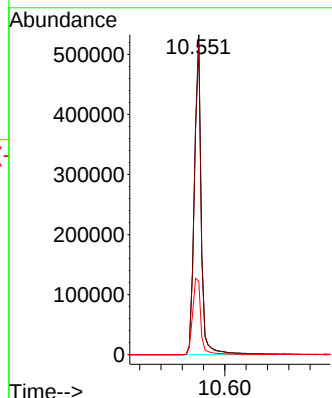
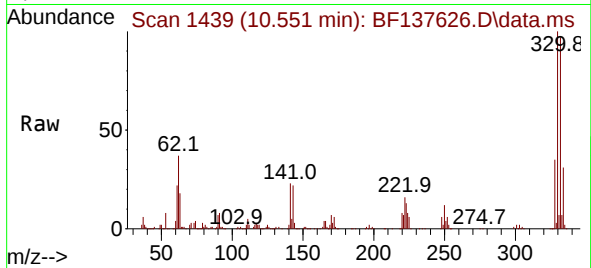




#42
 2,4,6-Tribromophenol
 Concen: 125.046 ng
 RT: 10.551 min Scan# 1453
 Delta R.T. -0.000 min
 Lab File: BF137626.D
 Acq: 18 Mar 2024 12:34

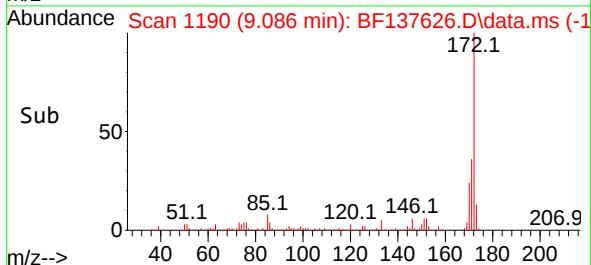
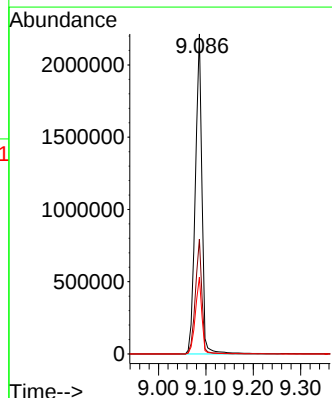
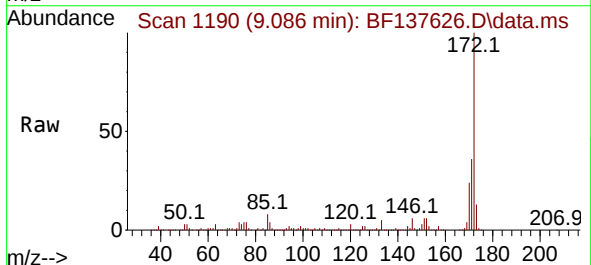
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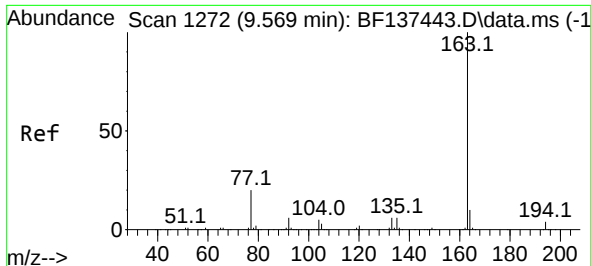
Tgt Ion:330 Resp: 478011
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.0 117.0
 141 29.0 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 78.249 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BF137626.D
 Acq: 18 Mar 2024 12:34

Tgt Ion:172 Resp: 2175969
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.0 19.0 28.6

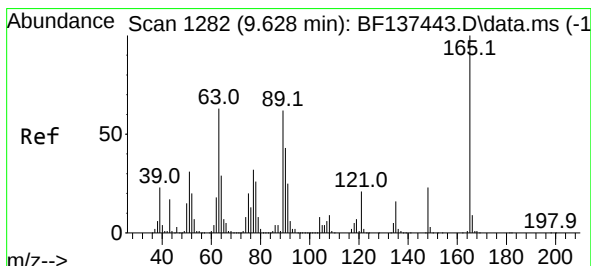
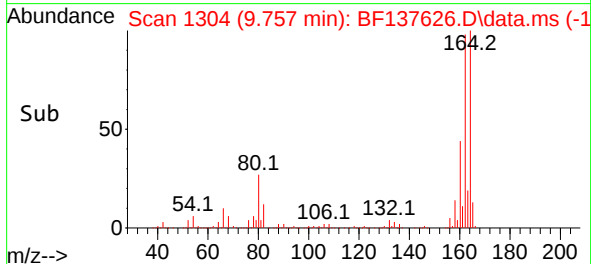
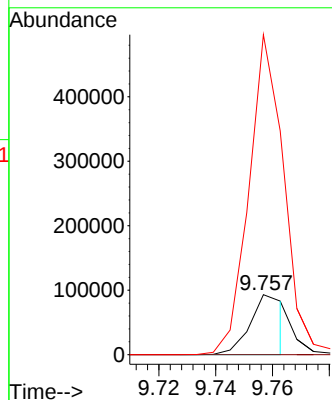
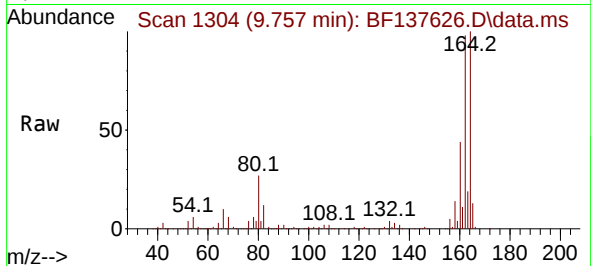




#50
Dimethylphthalate
Concen: 2.558 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

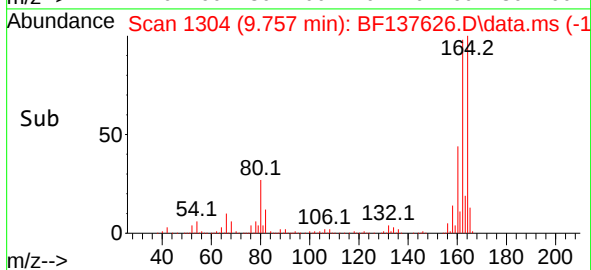
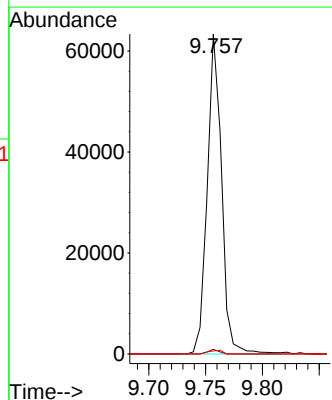
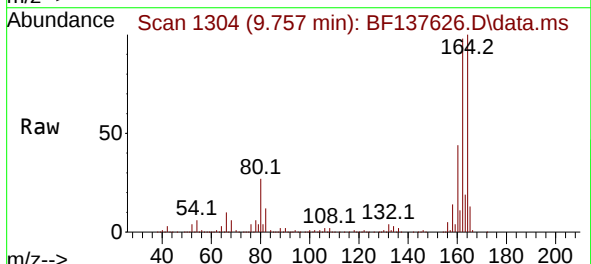
Instrument :
BNA_F
ClientSampleId :
PB159633BL

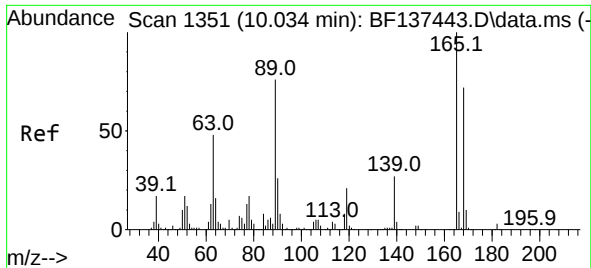
Tgt Ion:163 Resp: 77500
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 533.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.747 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

Tgt Ion:165 Resp: 55441
Ion Ratio Lower Upper
165 100
63 1.5 50.7 76.1#
89 0.9 50.0 75.0#

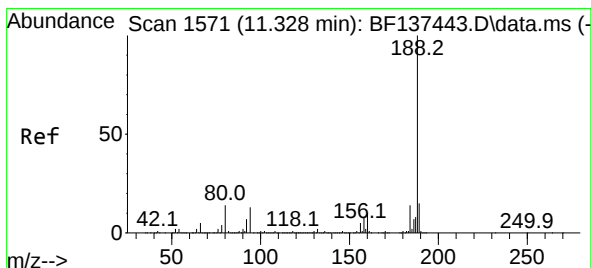
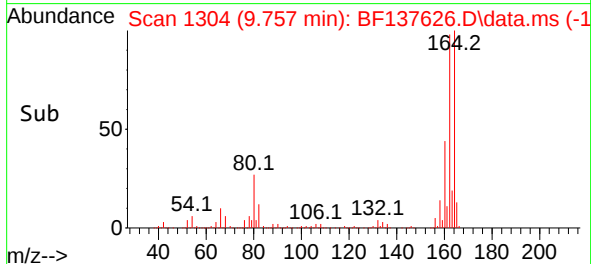
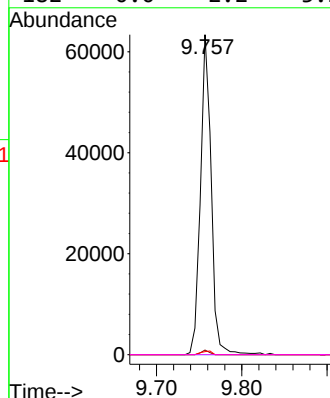
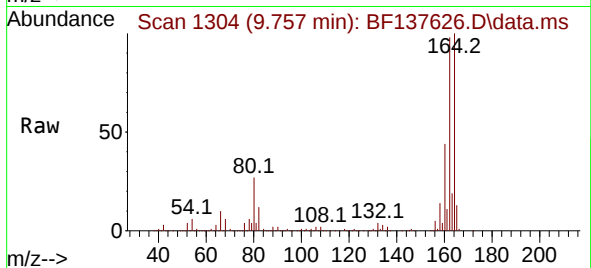




#57
2,4-Dinitrotoluene
Concen: 7.146 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

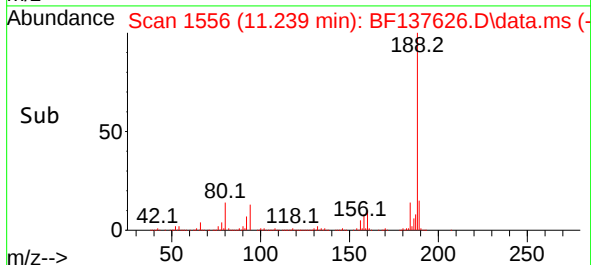
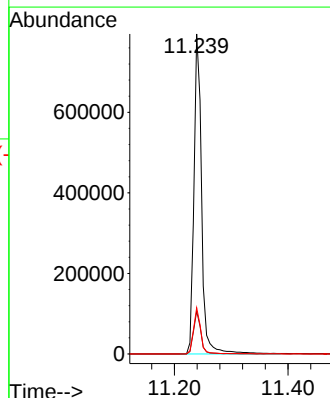
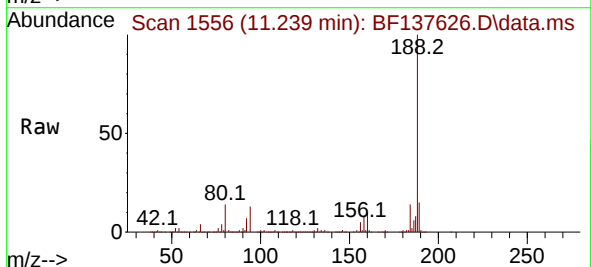
Instrument :
BNA_F
ClientSampleId :
PB159633BL

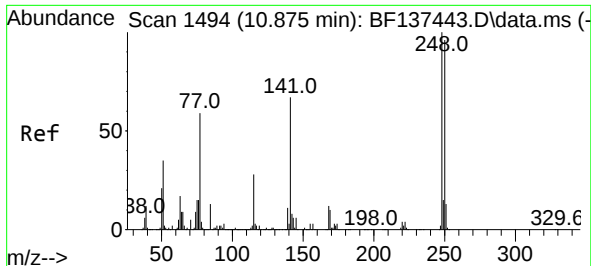
Tgt Ion:165 Resp: 55647
Ion Ratio Lower Upper
165 100
63 1.5 39.0 58.6#
89 0.9 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

Tgt Ion:188 Resp: 746900
Ion Ratio Lower Upper
188 100
94 13.4 10.6 15.8
80 14.5 11.5 17.3

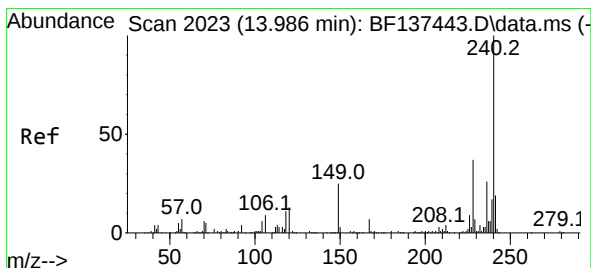
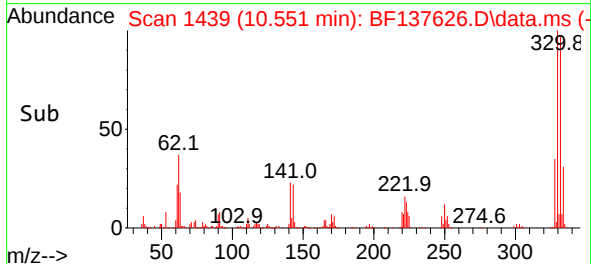
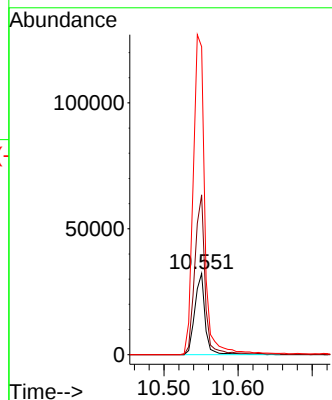
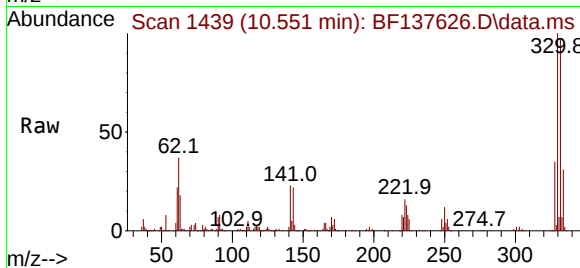




#67
4-Bromophenyl-phenylether
Concen: 3.850 ng
RT: 10.551 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

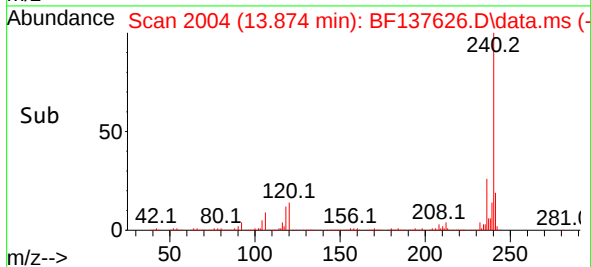
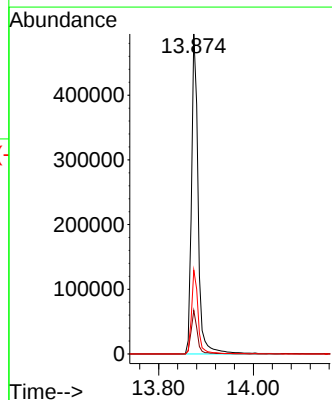
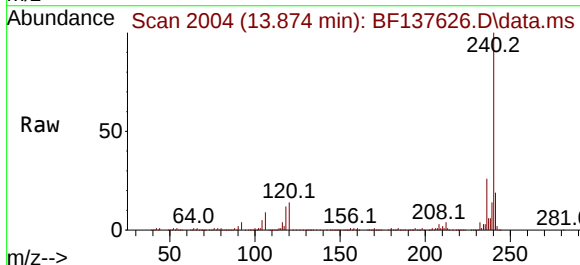
Instrument :
BNA_F
ClientSampleId :
PB159633BL

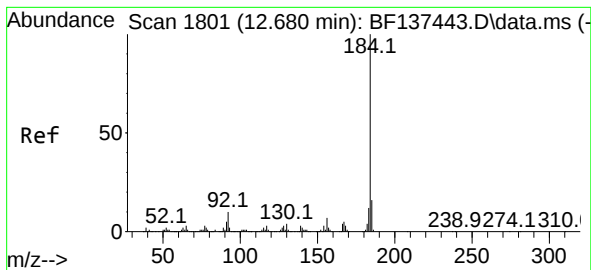
Tgt Ion:248 Resp: 31321
Ion Ratio Lower Upper
248 100
250 197.0 76.8 115.2#
141 379.8 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137626.D
Acq: 18 Mar 2024 12:34

Tgt Ion:240 Resp: 480906
Ion Ratio Lower Upper
240 100
120 13.6 10.4 15.6
236 26.2 20.9 31.3





#77

Benzidine

Concen: 2.357 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.253 min

Lab File: BF137626.D

Acq: 18 Mar 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB159633BL

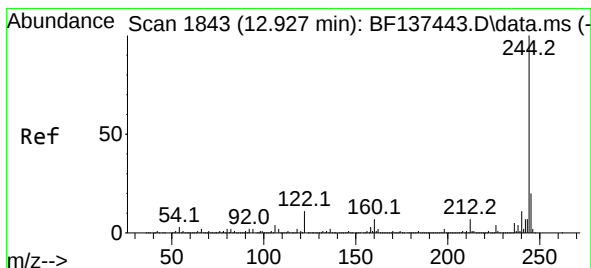
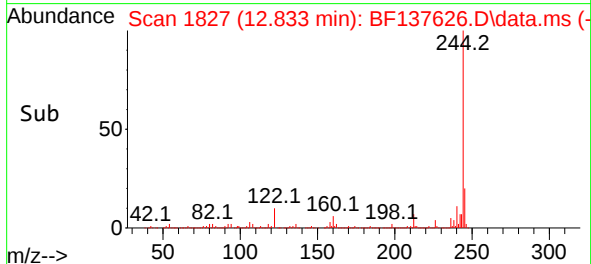
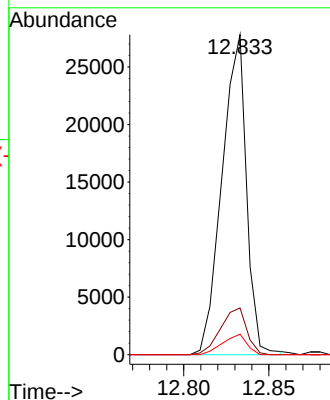
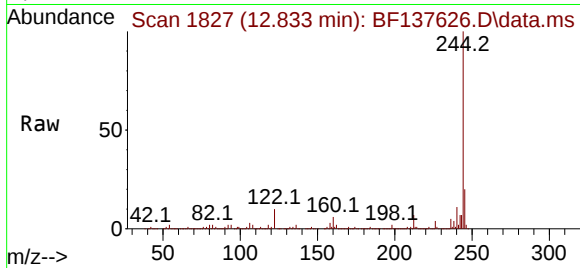
Tgt Ion:184 Resp: 27735

Ion Ratio Lower Upper

184 100

185 14.6 13.2 19.8

183 6.4 9.3 13.9#



#79

Terphenyl-d14

Concen: 69.340 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137626.D

Acq: 18 Mar 2024 12:34

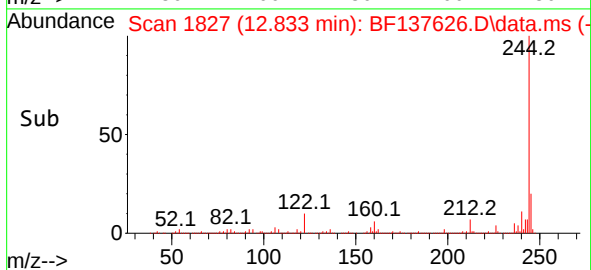
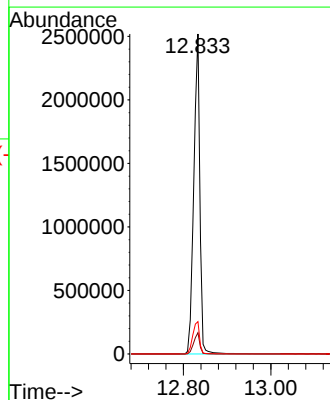
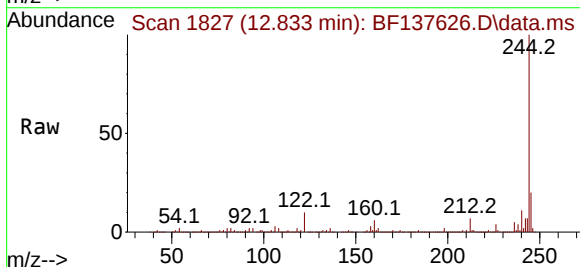
Tgt Ion:244 Resp: 2424967

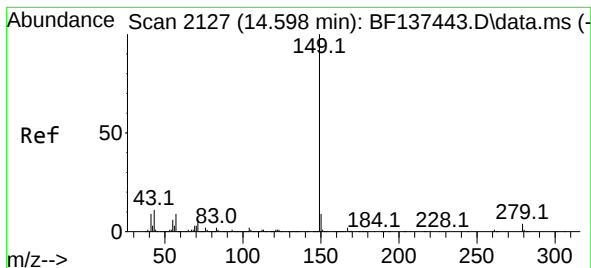
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.1 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.653 ng

RT: 14.504 min Scan# 2111

Delta R.T. 0.029 min

Lab File: BF137626.D

Acq: 18 Mar 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB159633BL

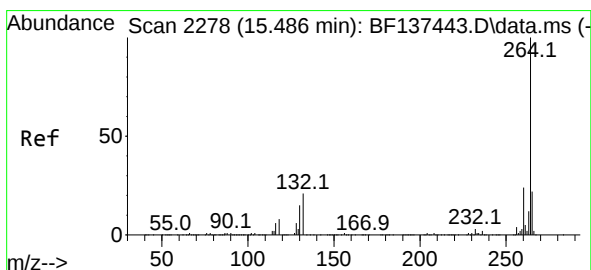
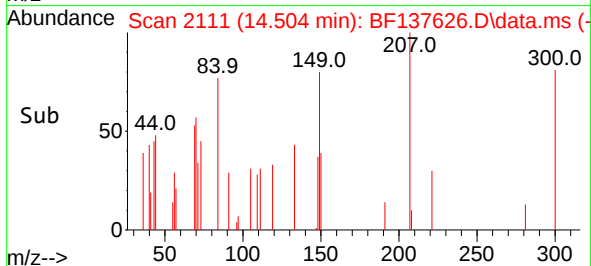
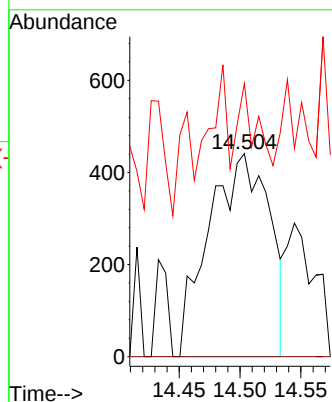
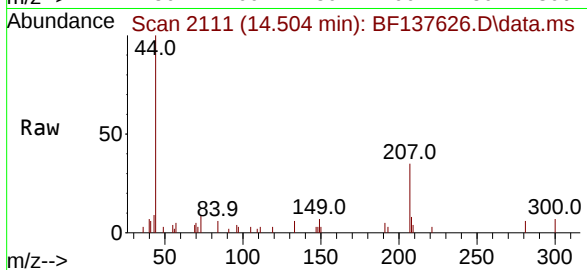
Tgt Ion:149 Resp: 1530

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: BF137626.D

Acq: 18 Mar 2024 12:34

Tgt Ion:264 Resp: 393200

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.9 17.4 26.0

