

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137540.D
 Acq On : 08 Mar 2024 13:35
 Operator : CG\JU
 Sample : PB159511BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159511BL

Quant Time: Mar 08 22:15:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

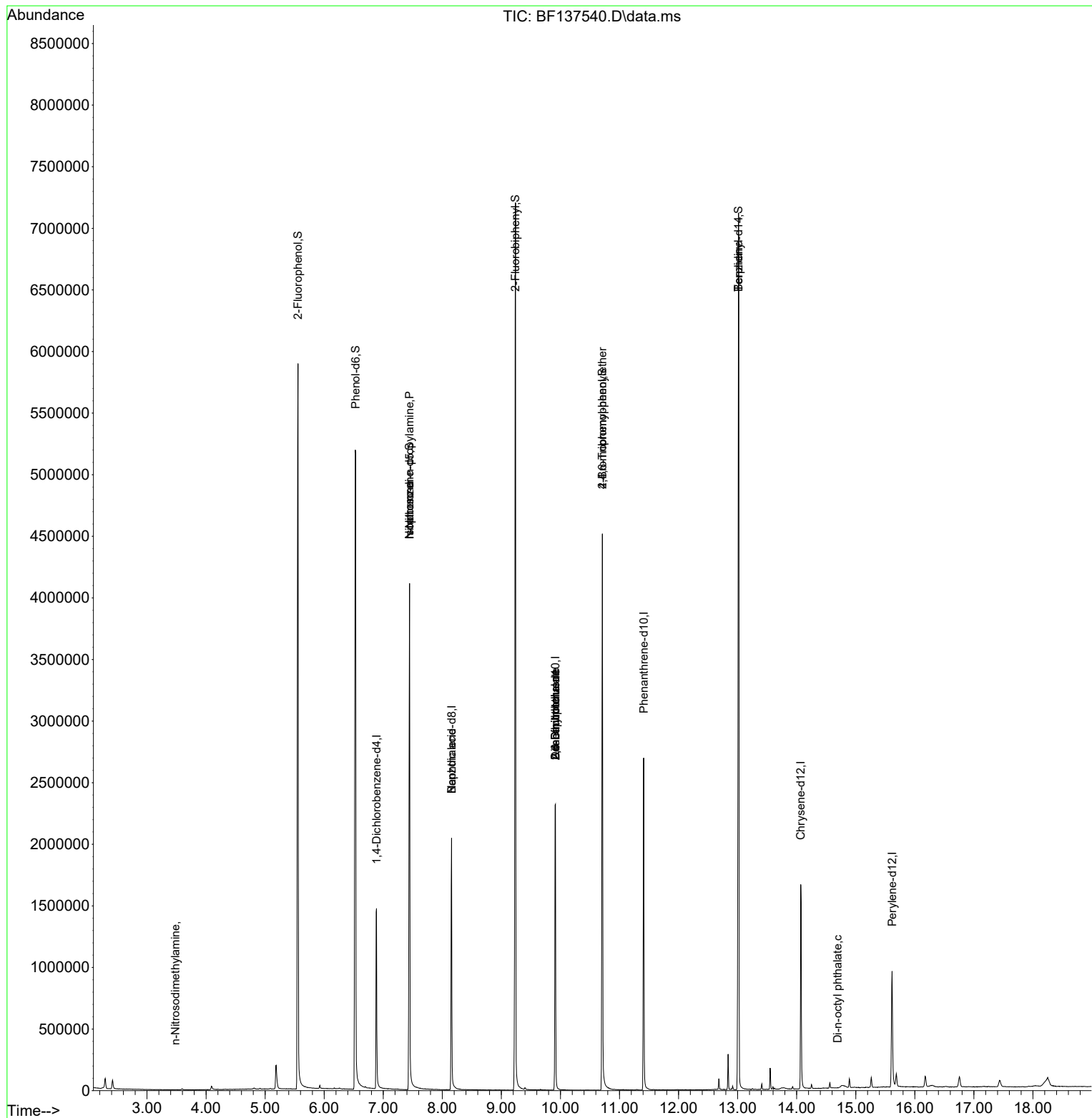
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	240702	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	944930	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	526592	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	970195	20.000	ng	0.00
76) Chrysene-d12	14.068	240	605851	20.000	ng	0.00
86) Perylene-d12	15.615	264	491195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1815976	114.264	ng	0.01
7) Phenol-d6	6.534	99	2497855	108.883	ng	0.00
23) Nitrobenzene-d5	7.445	82	1556041	76.514	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	602433	130.273	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2499159	74.291	ng	0.00
79) Terphenyl-d14	13.016	244	3099564	70.351	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.481	42	688	3.883	ng	# 1
19) n-Nitroso-di-n-propyla...	7.445	70	206174	14.554	ng	# 81
25) Isophorone	7.445	82	1556031	40.274	ng	# 69
32) Benzoic acid	8.157	122	143	6.313	ng	# 1
50) Dimethylphthalate	9.916	163	105040	2.865	ng	# 1
51) 2,6-Dinitrotoluene	9.916	165	67787	8.841	ng	# 20
57) 2,4-Dinitrotoluene	9.916	165	67787	7.196	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	39070	3.697	ng	# 1
77) Benzidine	13.016	184	36102	2.435	ng	# 93
85) Di-n-octyl phthalate	14.692	149	677	5.623	ng	# 72

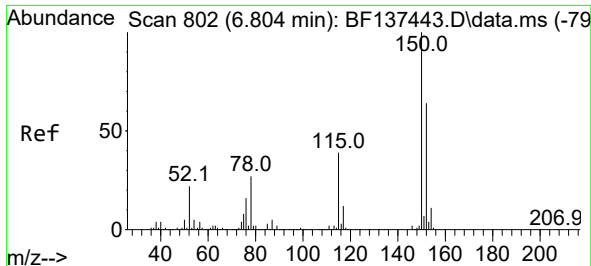
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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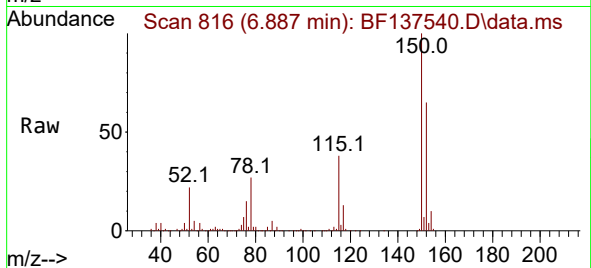
Quant Time: Mar 08 22:15:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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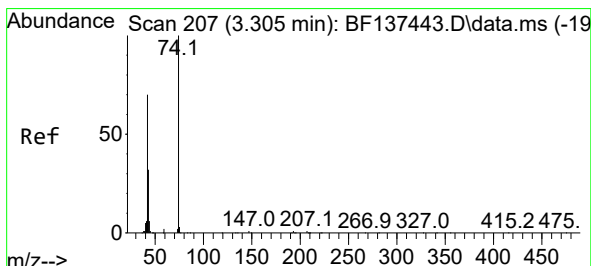
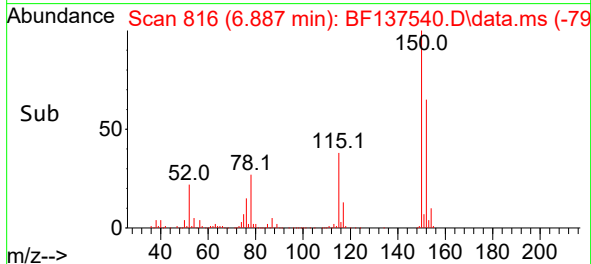
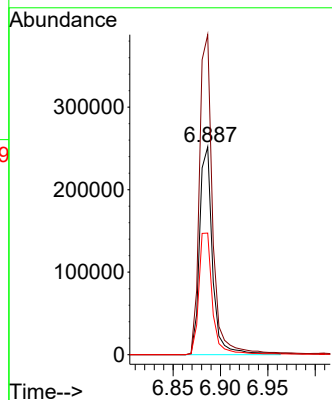


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Instrument :
BNA_F
ClientSampleId :
PB159511BL

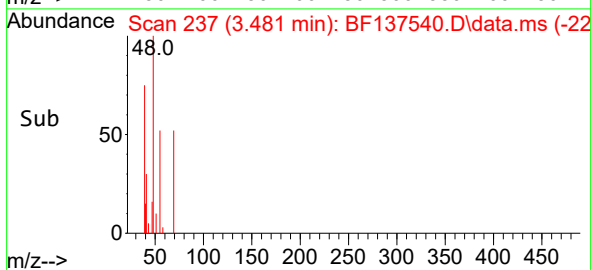
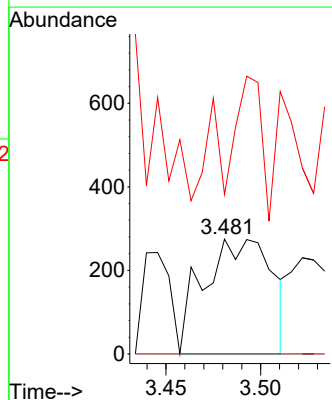
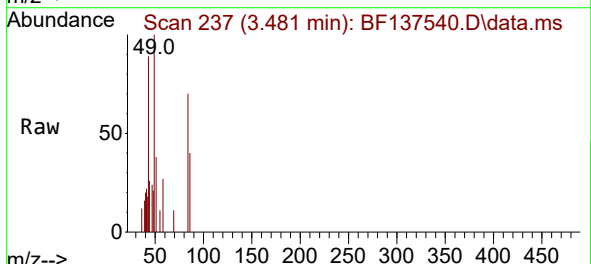


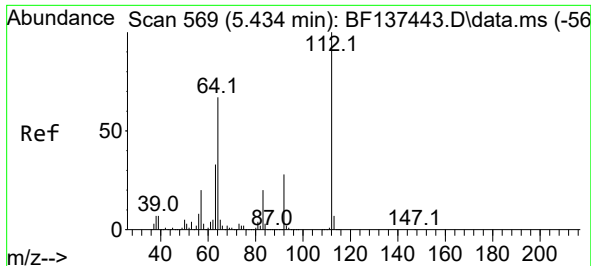
Tgt Ion:152 Resp: 240702
Ion Ratio Lower Upper
152 100
150 154.0 125.8 188.6
115 58.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.883 ng
RT: 3.481 min Scan# 237
Delta R.T. -0.035 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion: 42 Resp: 688
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 138.9 7.0 10.4#

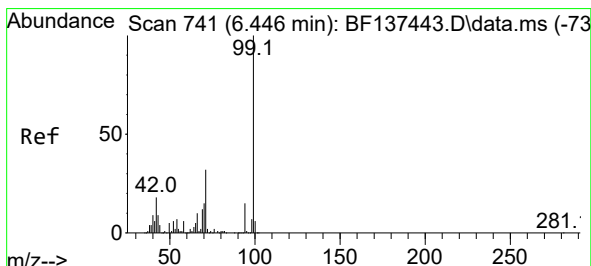
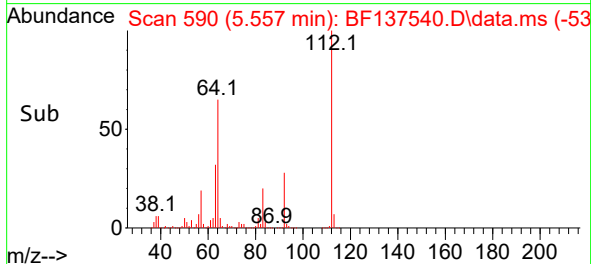
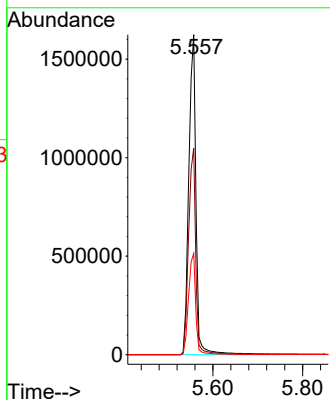
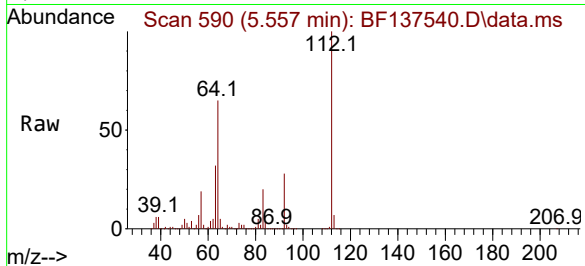




#5
2-Fluorophenol
Concen: 114.264 ng
RT: 5.557 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

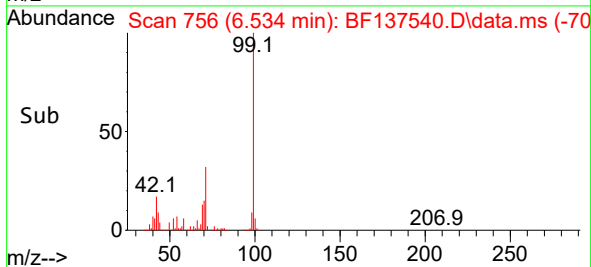
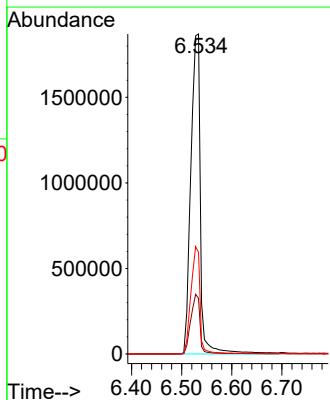
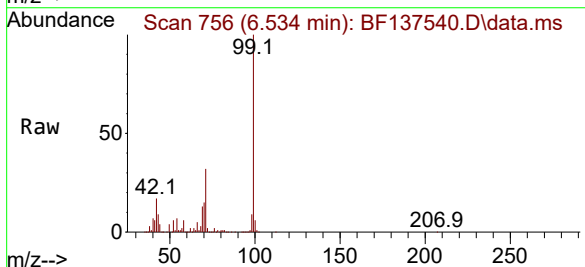
Instrument :
BNA_F
ClientSampleId :
PB159511BL

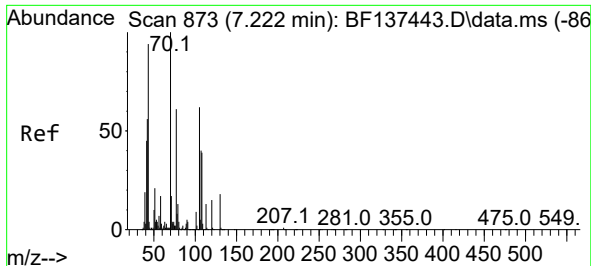
Tgt Ion:112 Resp: 1815976
Ion Ratio Lower Upper
112 100
64 64.6 53.4 80.2
63 31.6 26.2 39.2



#7
Phenol-d6
Concen: 108.883 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion: 99 Resp: 2497855
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 31.7 25.3 37.9

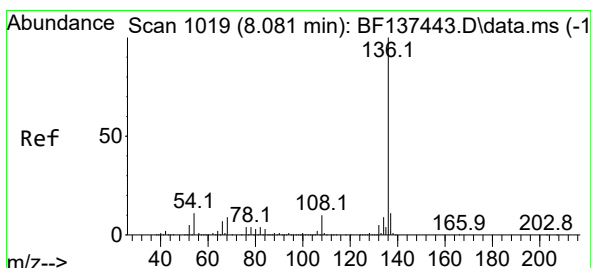
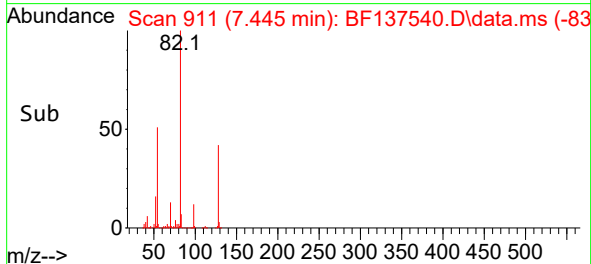
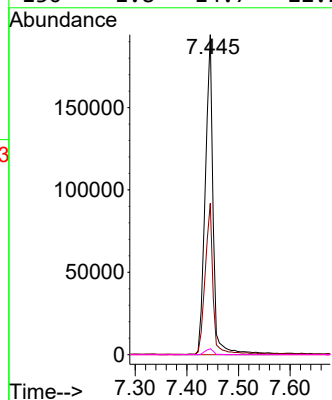
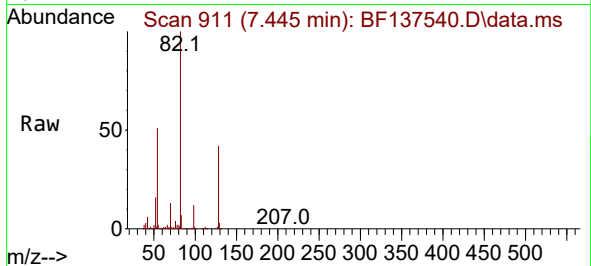




#19
n-Nitroso-di-n-propylamine
Concen: 14.554 ng
RT: 7.445 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

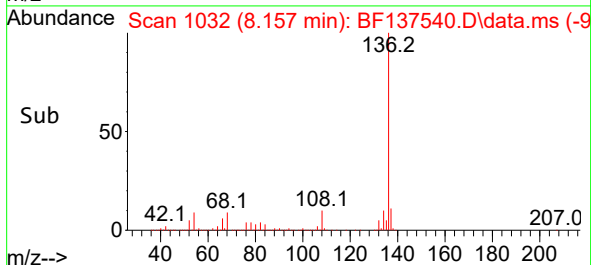
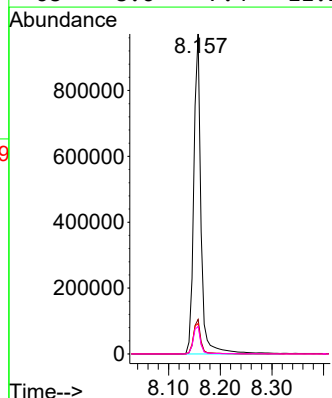
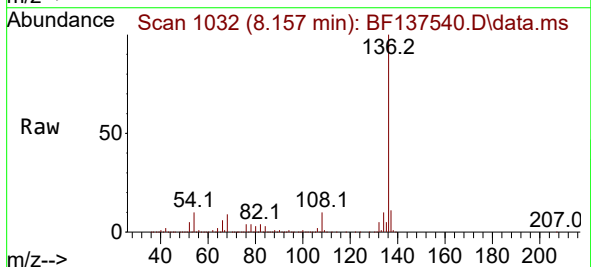
Instrument :
BNA_F
ClientSampleId :
PB159511BL

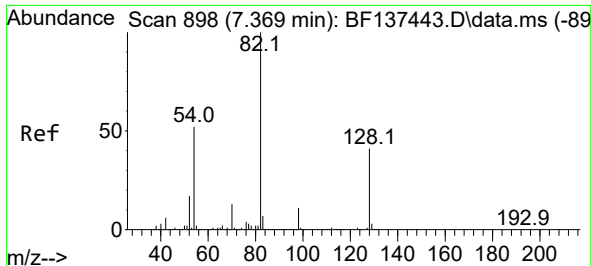
Tgt Ion: 70 Resp: 206174
Ion Ratio Lower Upper
70 100
42 47.3 45.2 67.8
101 0.0 7.3 10.9#
130 1.8 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion:136 Resp: 944930
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.5 8.5 12.7
68 8.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.514 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF137540.D

Acq: 08 Mar 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB159511BL

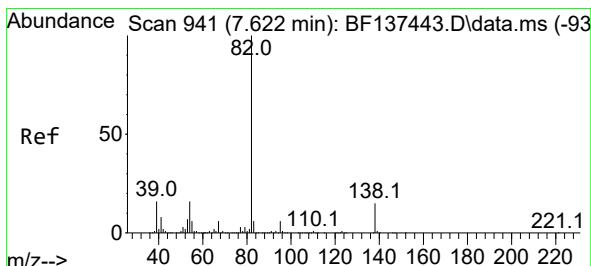
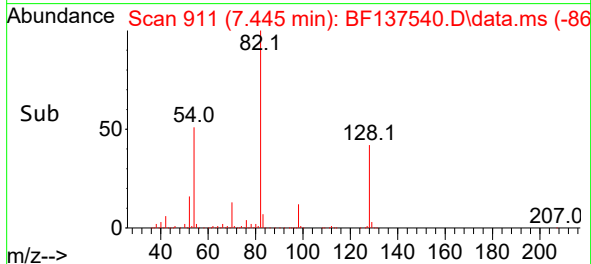
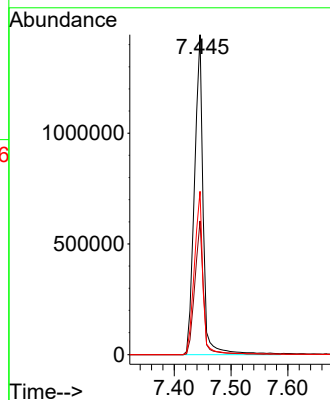
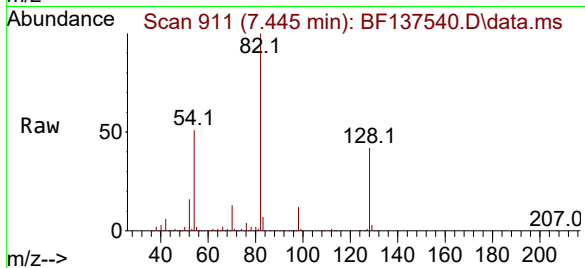
Tgt Ion: 82 Resp: 1556041

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 51.0 41.5 62.3



#25

Isophorone

Concen: 40.274 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.259 min

Lab File: BF137540.D

Acq: 08 Mar 2024 13:35

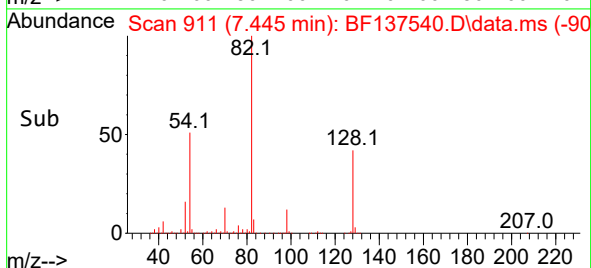
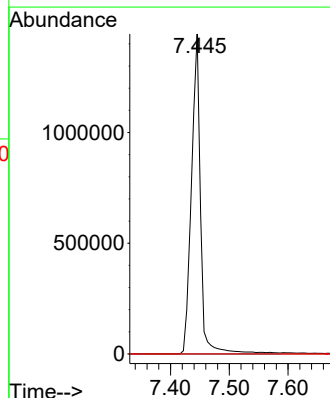
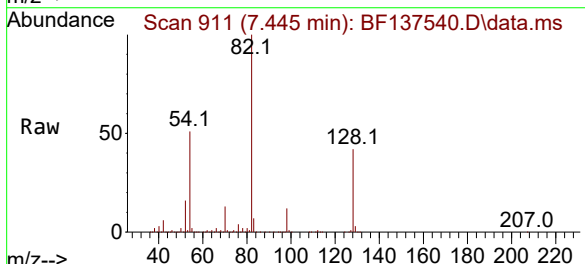
Tgt Ion: 82 Resp: 1556031

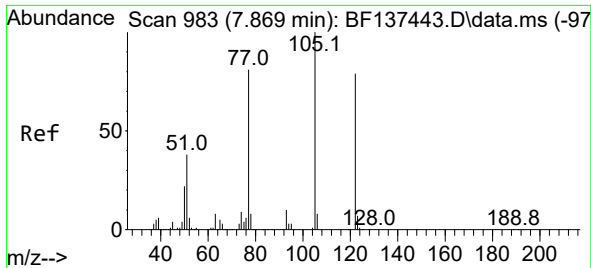
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

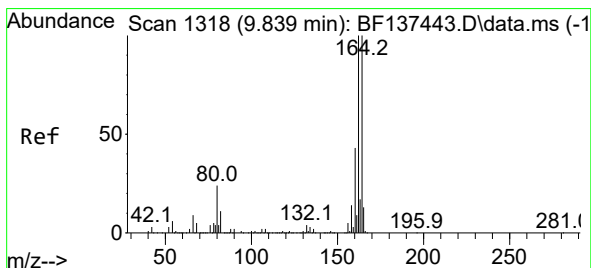
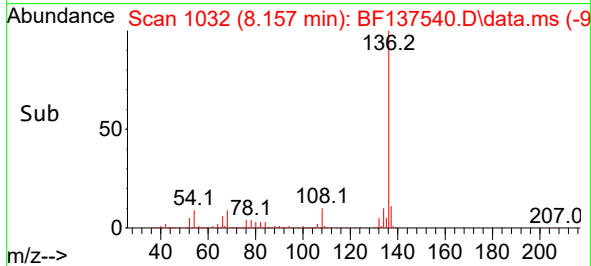
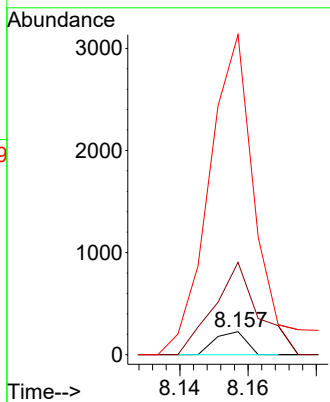
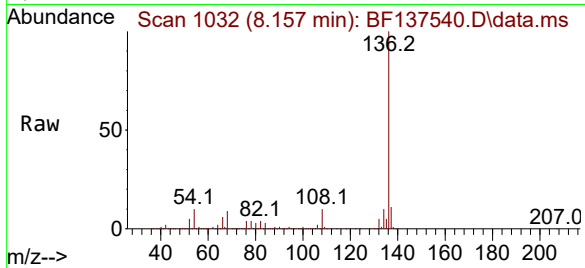




#32
Benzoic acid
Concen: 6.313 ng
RT: 8.157 min Scan# 10
Delta R.T. 0.200 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

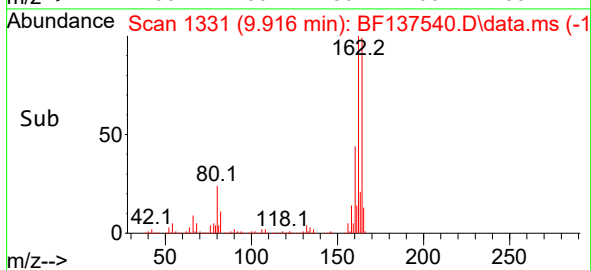
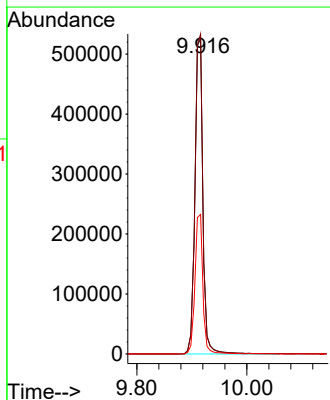
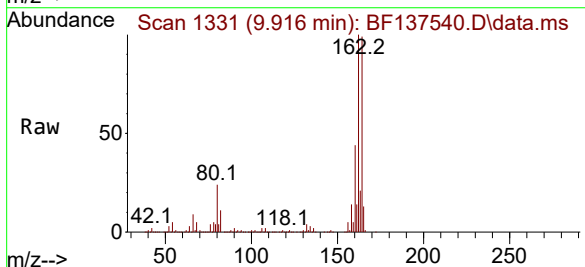
Instrument :
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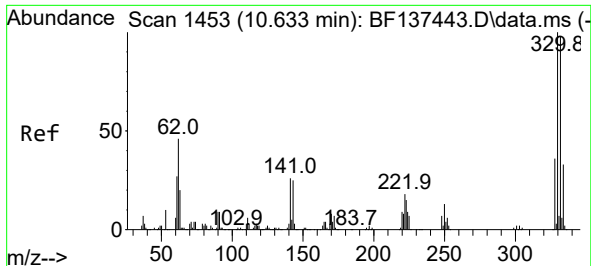
Tgt Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 402.2 102.4 142.4#
77 1392.9 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion:164 Resp: 526592
Ion Ratio Lower Upper
164 100
162 101.5 79.8 119.8
160 44.3 34.4 51.6

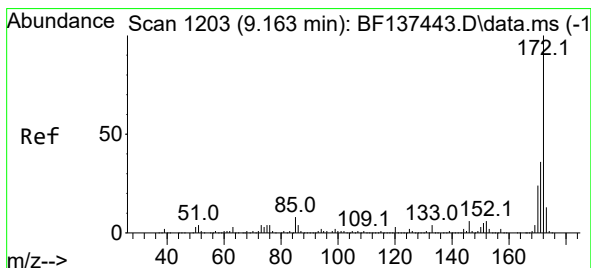
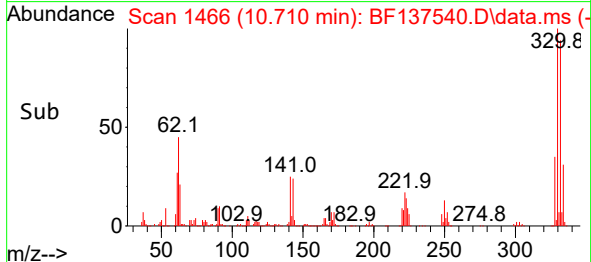
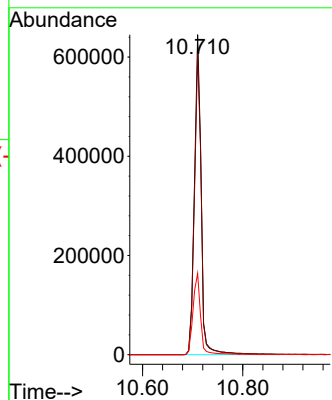
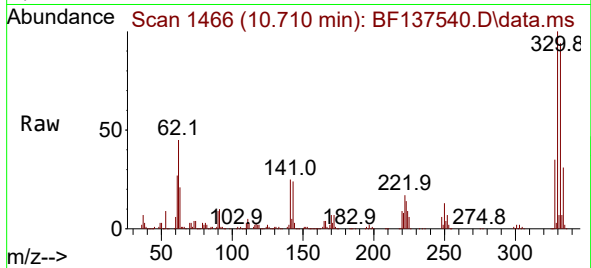




#42
2,4,6-Tribromophenol
Concen: 130.273 ng
RT: 10.710 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

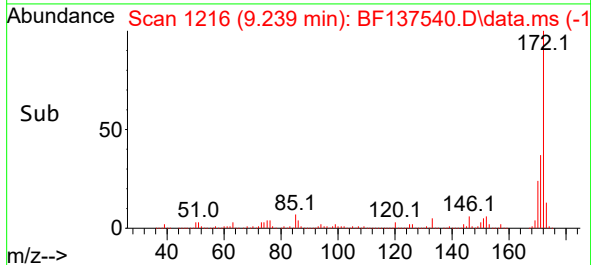
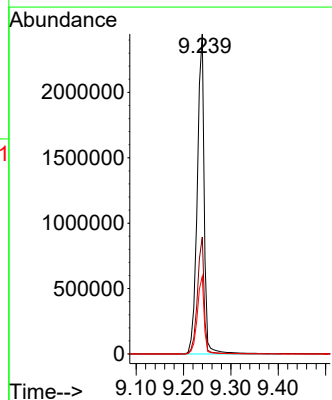
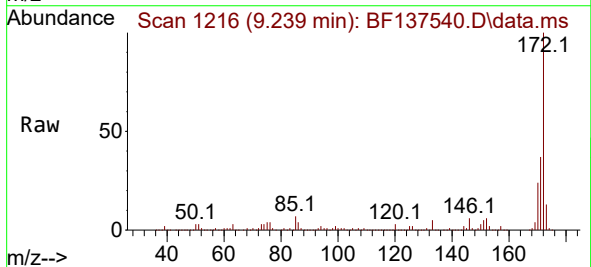
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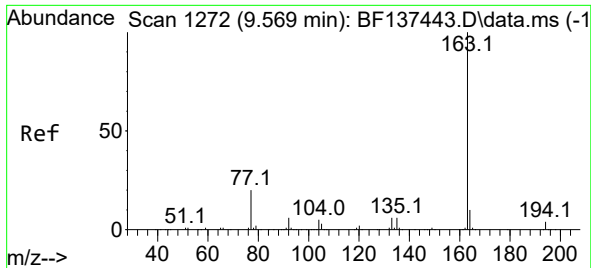
Tgt Ion:330 Resp: 602433
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 28.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 74.291 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion:172 Resp: 2499159
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.2 19.0 28.6





#50

Dimethylphthalate

Concen: 2.865 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.265 min

Lab File: BF137540.D

Acq: 08 Mar 2024 13:35

Instrument :

BNA_F

ClientSampleId :

PB159511BL

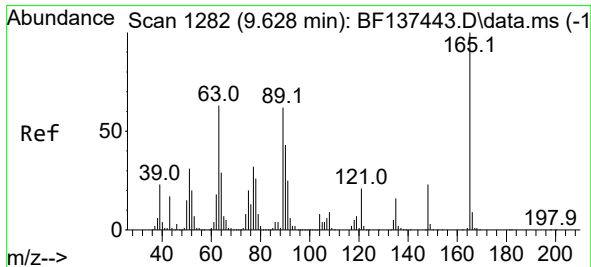
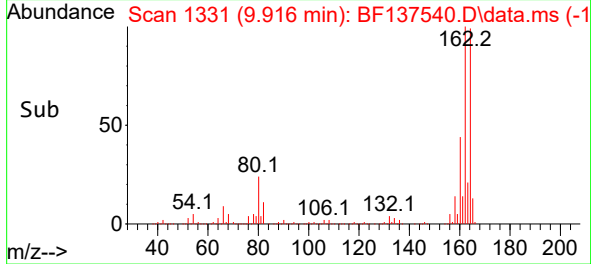
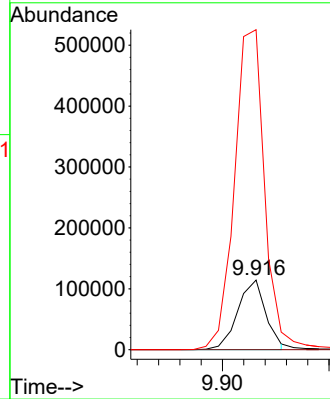
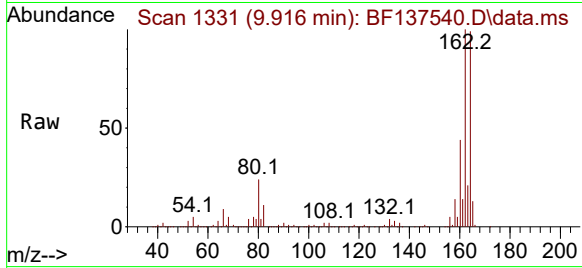
Tgt Ion:163 Resp: 105040

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 459.6 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.841 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF137540.D

Acq: 08 Mar 2024 13:35

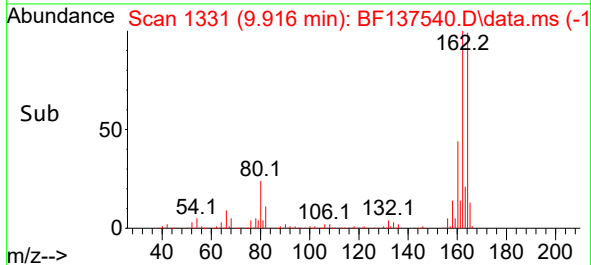
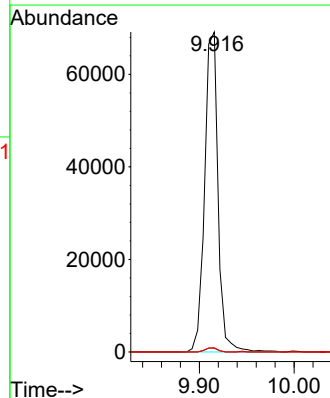
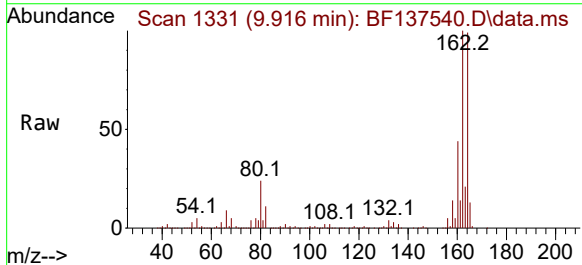
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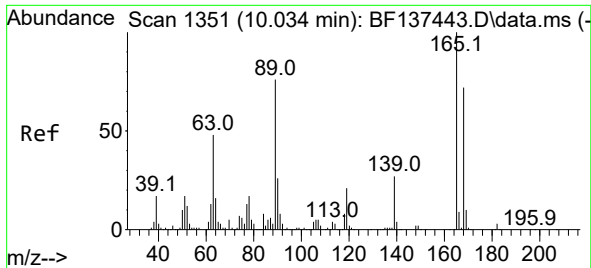
Ion Ratio Lower Upper

165 100

63 1.3 50.7 76.1#

89 1.2 50.0 75.0#

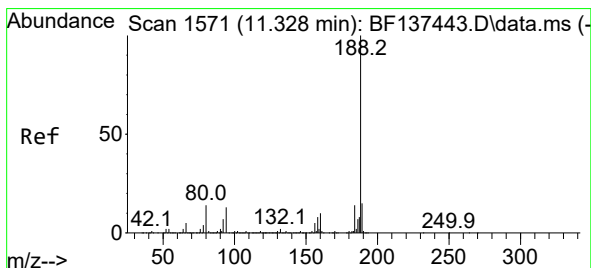
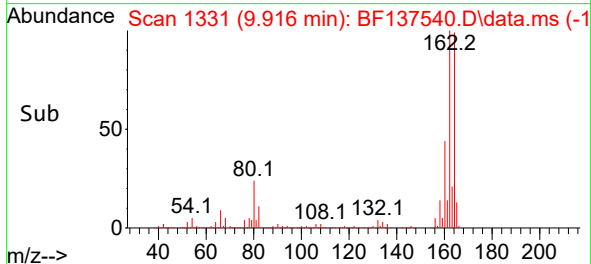
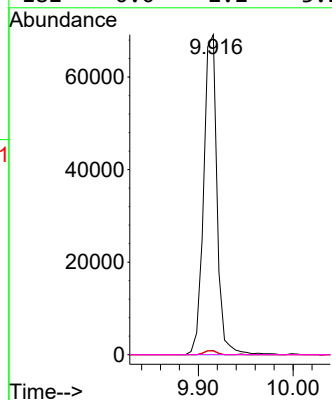
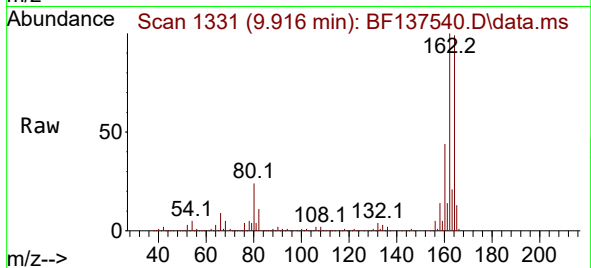




#57
2,4-Dinitrotoluene
Concen: 7.196 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

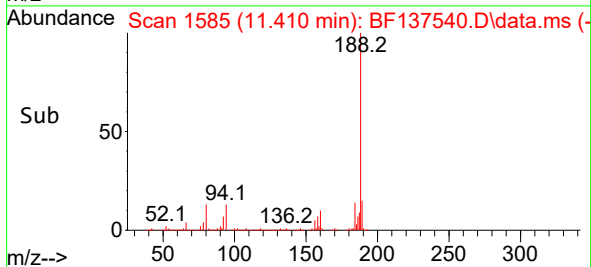
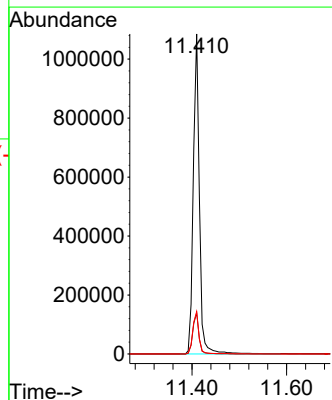
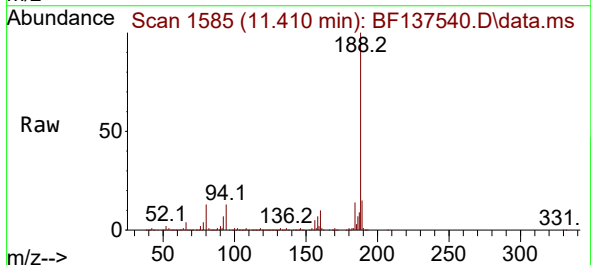
Instrument :
BNA_F
ClientSampleId :
PB159511BL

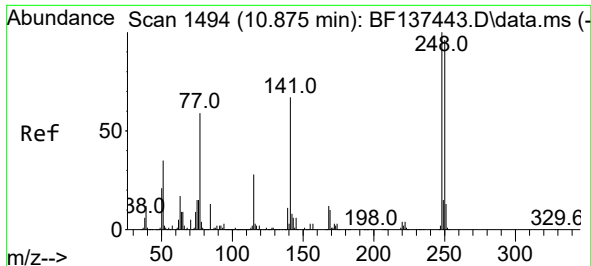
Tgt Ion:165 Resp: 67787
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion:188 Resp: 970195
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.3 11.5 17.3

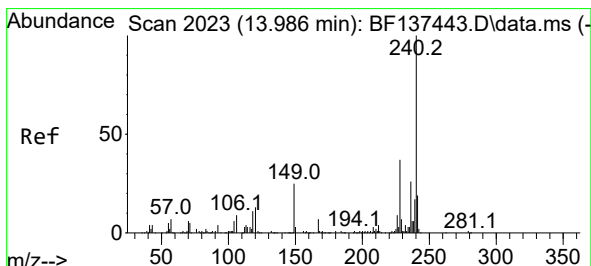
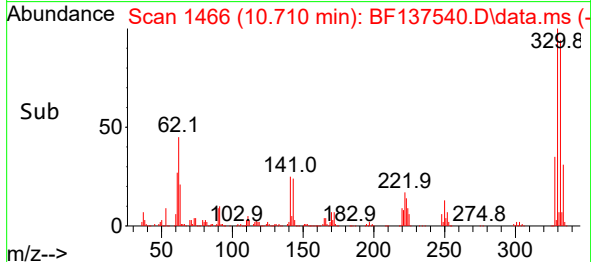
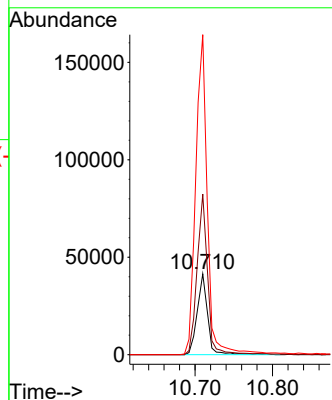
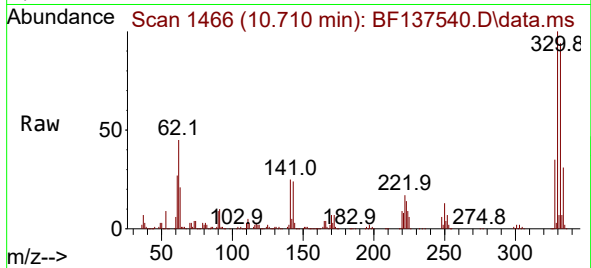




#67
4-Bromophenyl-phenylether
Concen: 3.697 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

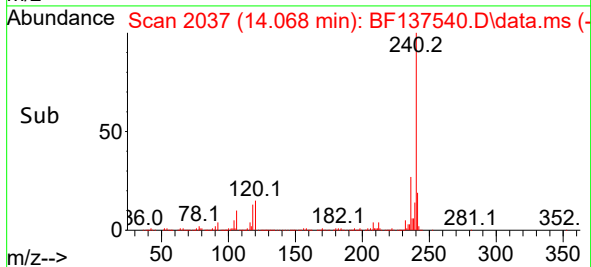
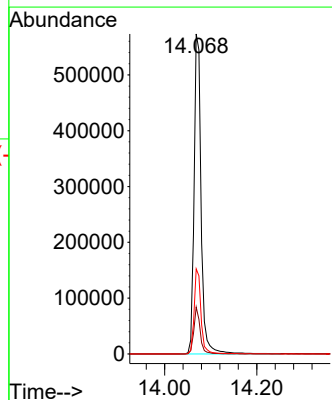
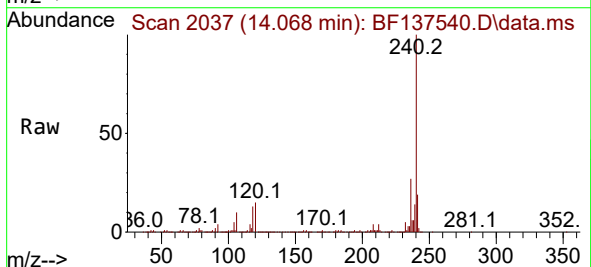
Instrument :
BNA_F
ClientSampleId :
PB159511BL

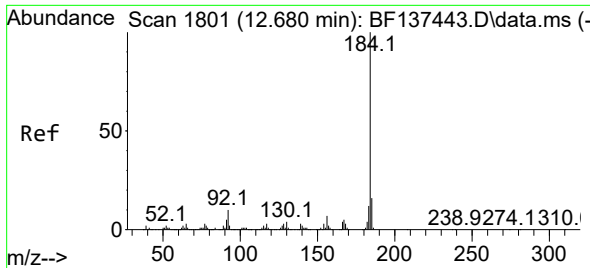
Tgt Ion:248 Resp: 39070
Ion Ratio Lower Upper
248 100
250 198.8 76.8 115.2#
141 395.9 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion:240 Resp: 605851
Ion Ratio Lower Upper
240 100
120 14.6 10.4 15.6
236 26.6 20.9 31.3

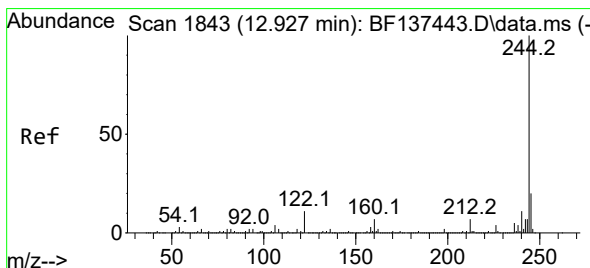
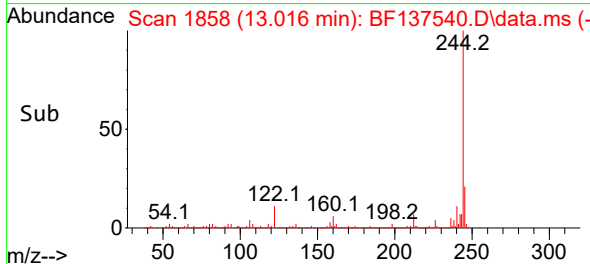
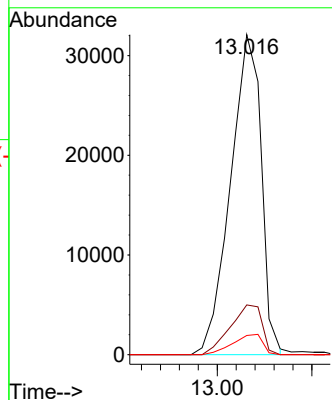
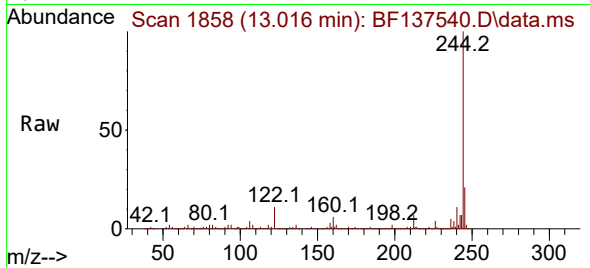




#77
Benzidine
Concen: 2.435 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

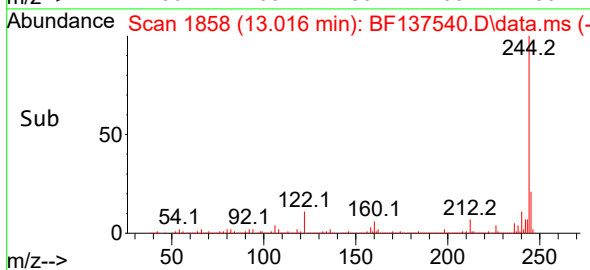
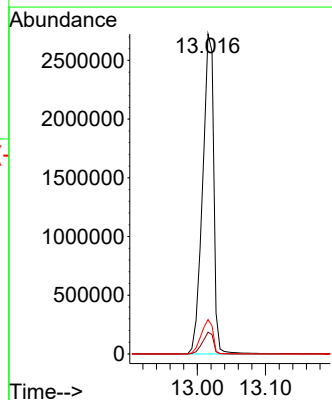
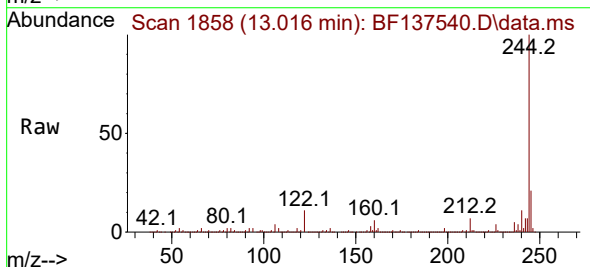
Instrument :
BNA_F
ClientSampleId :
PB159511BL

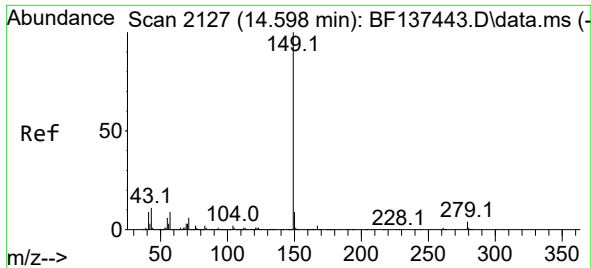
Tgt Ion:184 Resp: 36102
Ion Ratio Lower Upper
184 100
185 15.5 13.2 19.8
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 70.351 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion:244 Resp: 3099564
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.8 9.1 13.7

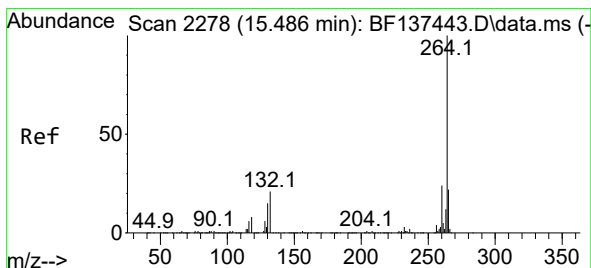
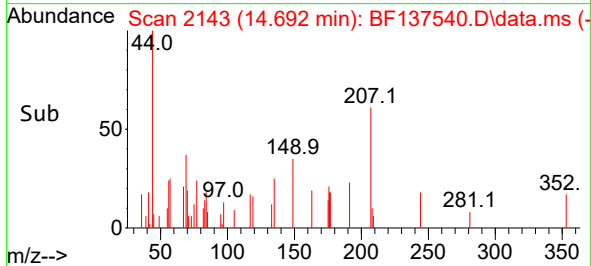
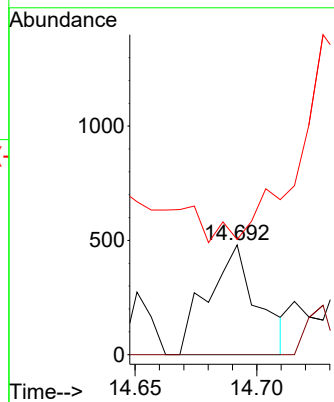
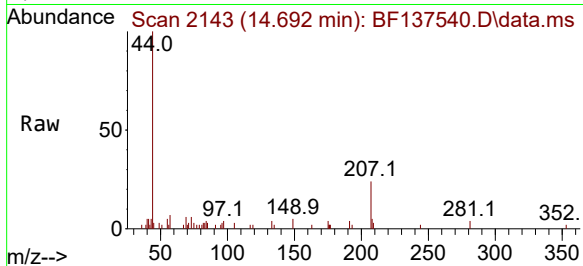




#85
Di-n-octyl phthalate
Concen: 5.623 ng
RT: 14.692 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Instrument :
BNA_F
ClientSampleId :
PB159511BL

Tgt Ion:149 Resp: 677
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: 15.615 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF137540.D
Acq: 08 Mar 2024 13:35

Tgt Ion:264 Resp: 491195
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.5 17.4 26.0

