

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137577.D
 Acq On : 13 Mar 2024 15:18
 Operator : CG\JU
 Sample : P1733-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Mar 13 15:48:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

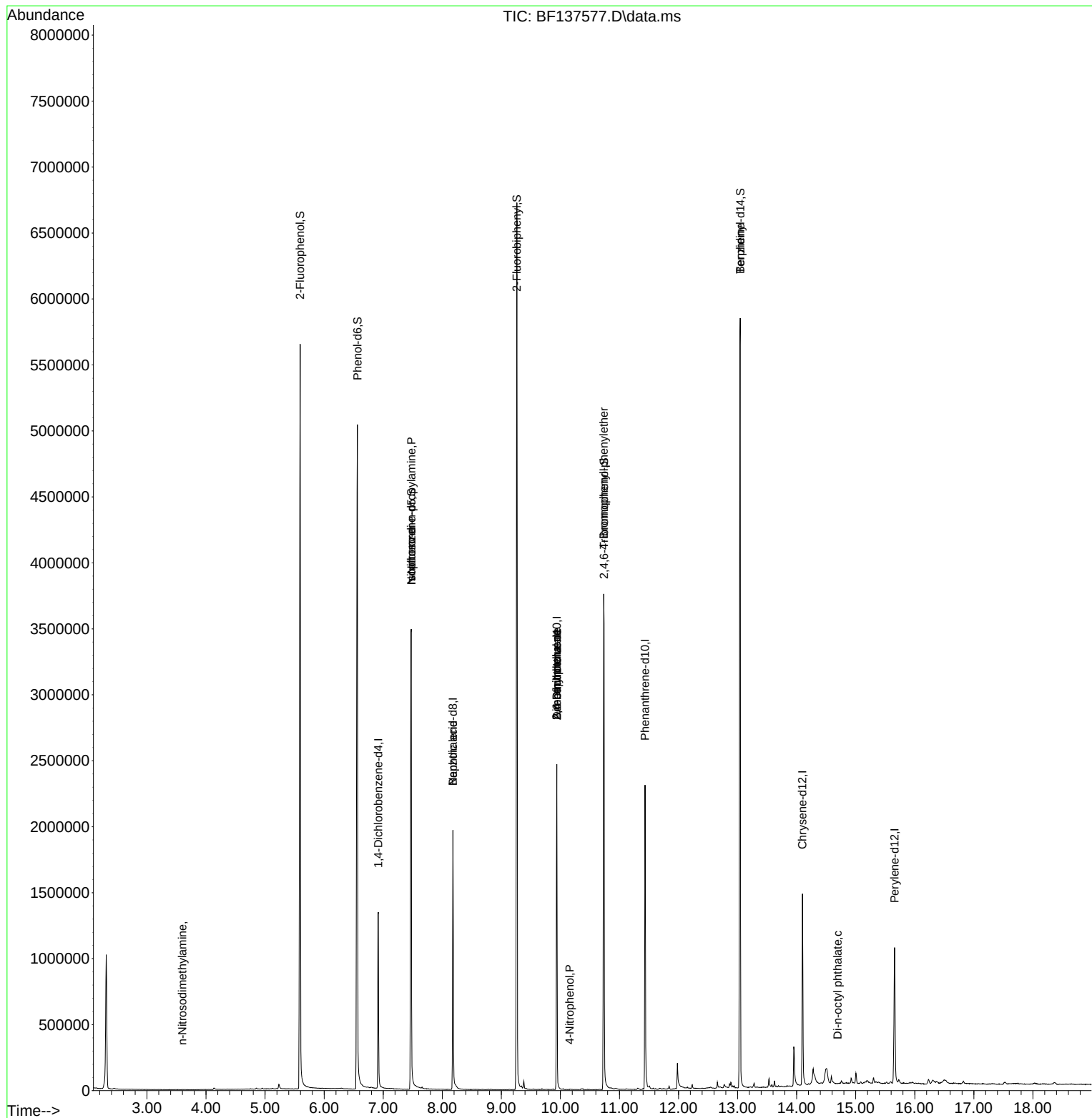
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	215179	20.000	ng	0.01
21) Naphthalene-d8	8.181	136	864956	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	489186	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	811883	20.000	ng	0.00
76) Chrysene-d12	14.098	240	494184	20.000	ng	0.00
86) Perylene-d12	15.657	264	500555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1638280	115.310	ng	0.02
7) Phenol-d6	6.563	99	2236703	109.064	ng	0.00
23) Nitrobenzene-d5	7.475	82	1434874	77.079	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	527359	122.759	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2260520	72.335	ng	0.00
79) Terphenyl-d14	13.045	244	2373998	66.058	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.599	42	190	3.831	ng	# 1
19) n-Nitroso-di-n-propyla...	7.475	70	183988	14.528	ng	# 77
25) Isophorone	7.475	82	1434867	40.571	ng	# 69
32) Benzoic acid	8.181	122	303	6.332	ng	# 1
50) Dimethylphthalate	9.939	163	81613	2.397	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	64036	8.991	ng	# 20
56) 4-Nitrophenol	10.157	139	81	4.541	ng	# 5
57) 2,4-Dinitrotoluene	9.939	165	64036	7.318	ng	# 21
67) 4-Bromophenyl-phenylether	10.733	248	35080	3.967	ng	# 1
77) Benzidine	13.045	184	27807	2.299	ng	# 93
85) Di-n-octyl phthalate	14.692	149	396	5.618	ng	# 1

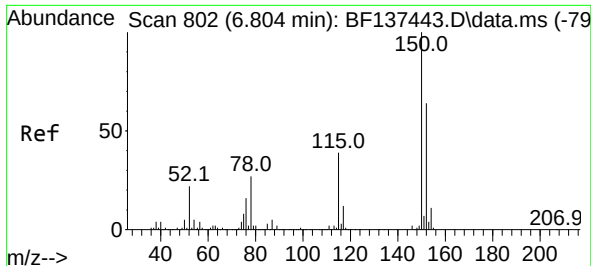
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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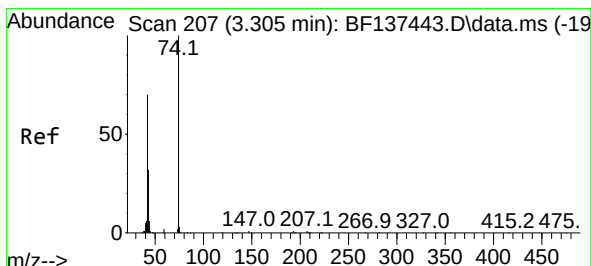
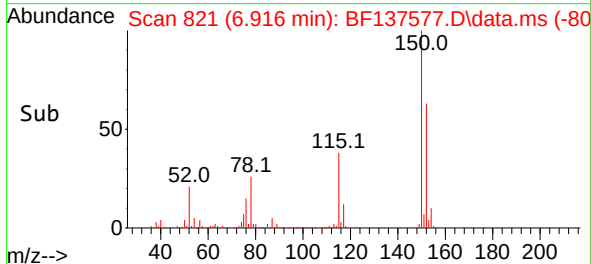
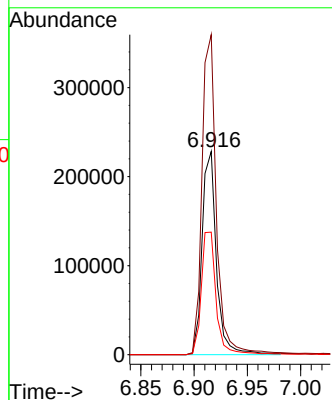
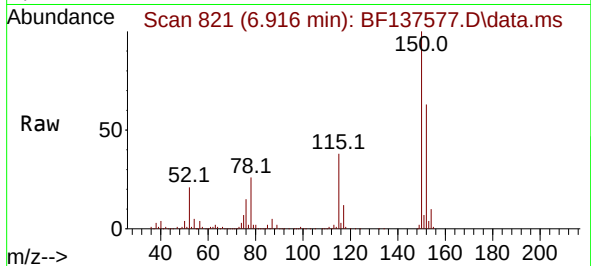




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 801
Delta R.T. 0.012 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

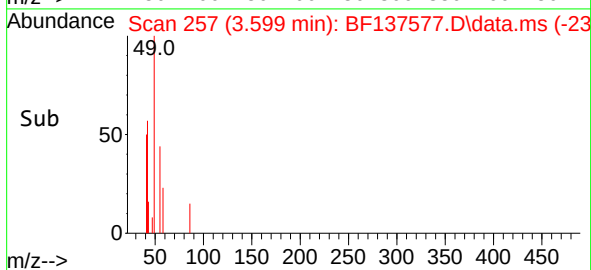
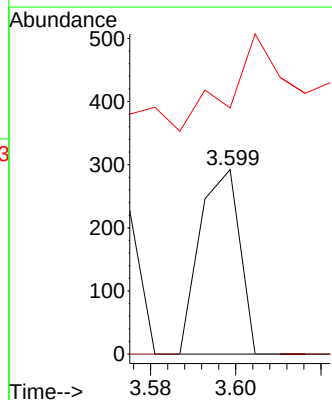
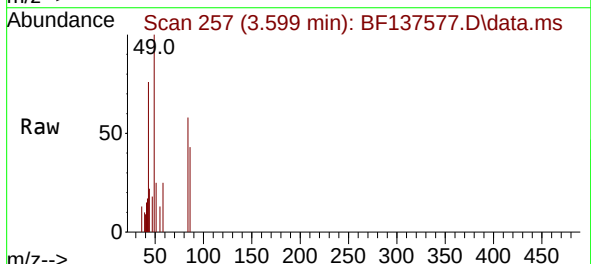
Instrument :
BNA_F
ClientSampleId :
WC-1

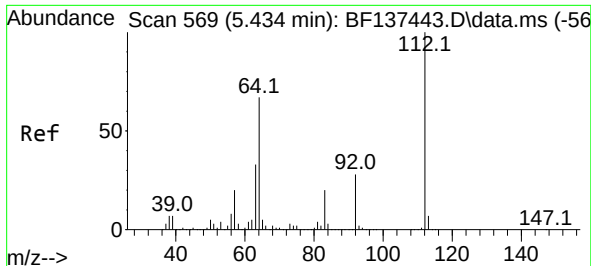
Tgt Ion:152 Resp: 215179
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 60.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.831 ng
RT: 3.599 min Scan# 257
Delta R.T. 0.030 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion: 42 Resp: 190
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 133.6 7.0 10.4#

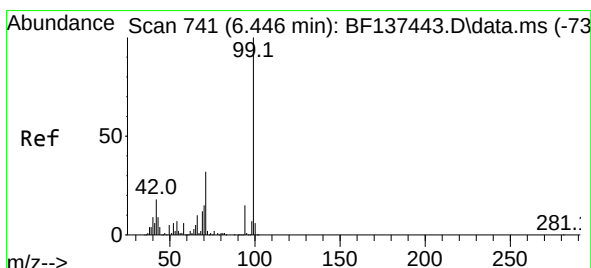
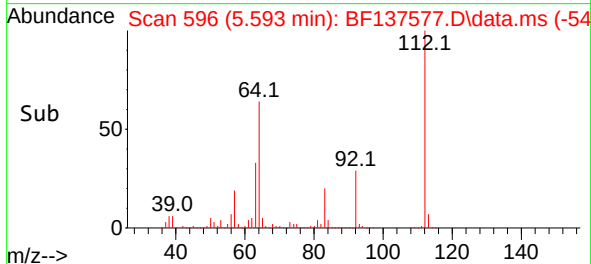
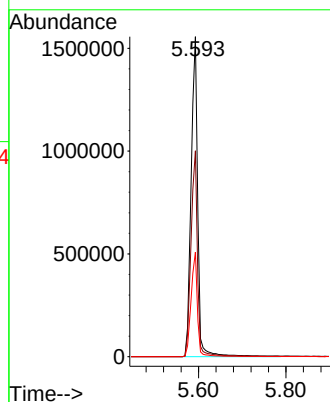
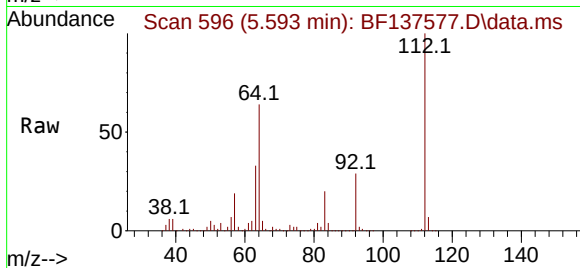




#5
2-Fluorophenol
Concen: 115.310 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

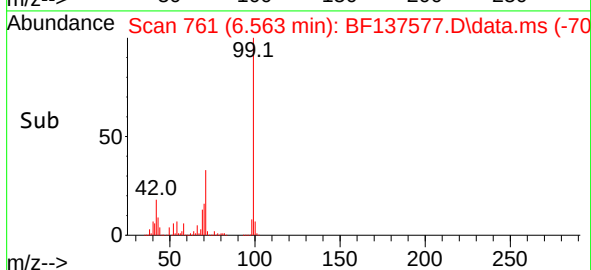
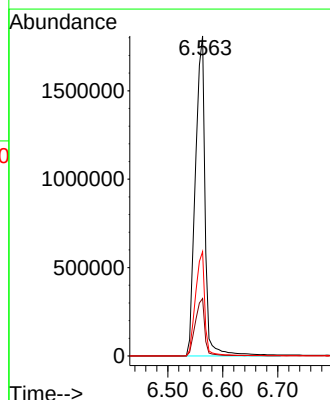
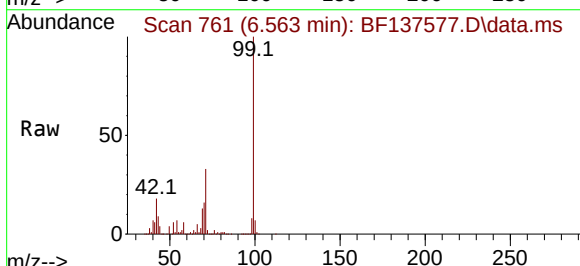
Instrument :
BNA_F
ClientSampleId :
WC-1

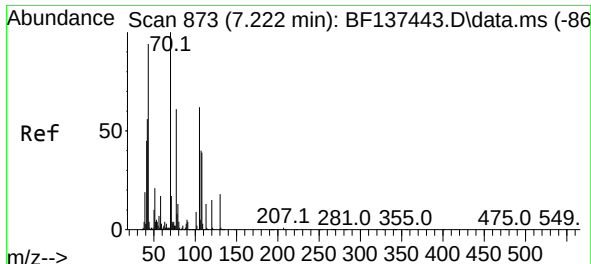
Tgt Ion:112 Resp: 1638280
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 32.7 26.2 39.2



#7
Phenol-d6
Concen: 109.064 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion: 99 Resp: 2236703
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 32.6 25.3 37.9

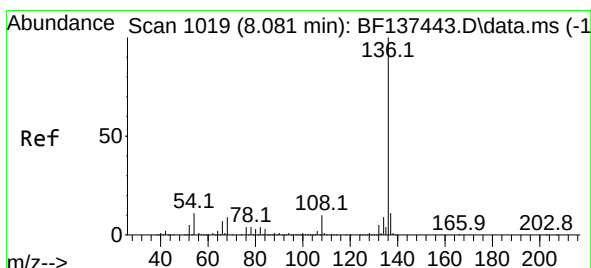
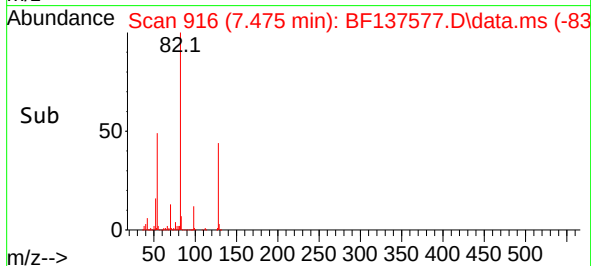
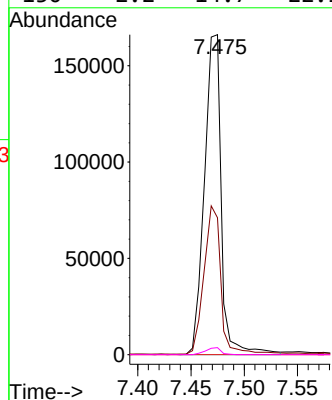
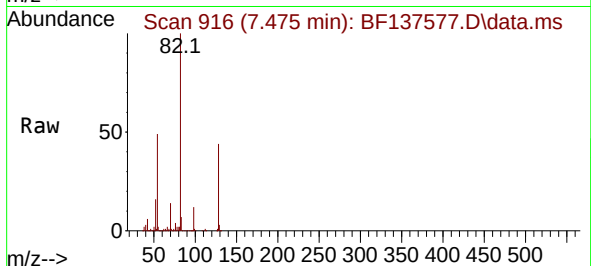




#19
n-Nitroso-di-n-propylamine
Concen: 14.528 ng
RT: 7.475 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

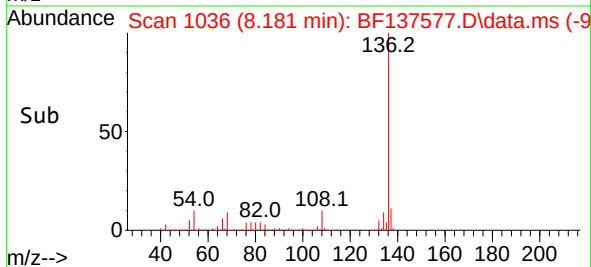
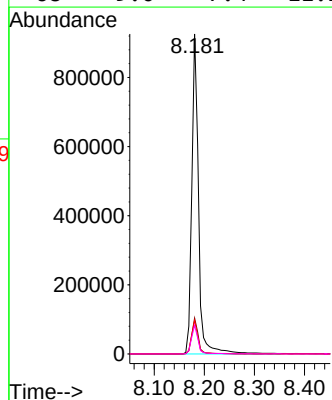
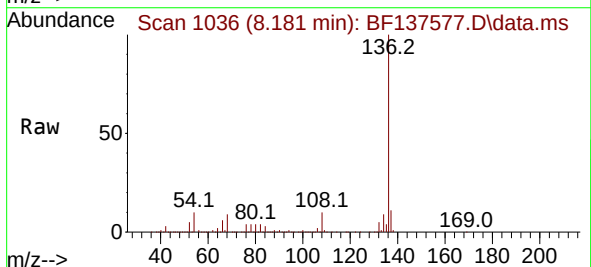
Instrument :
BNA_F
ClientSampleId :
WC-1

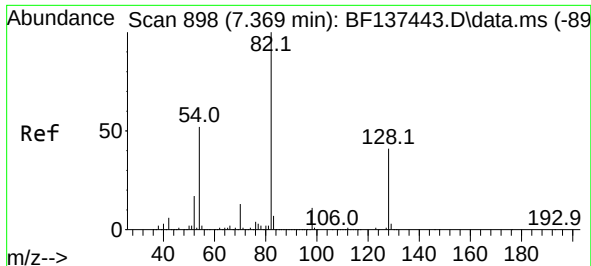
Tgt Ion: 70 Resp: 183988
Ion Ratio Lower Upper
70 100
42 42.8 45.2 67.8#
101 0.0 7.3 10.9#
130 2.2 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion:136 Resp: 864956
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.5 8.5 12.7
68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 77.079 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1

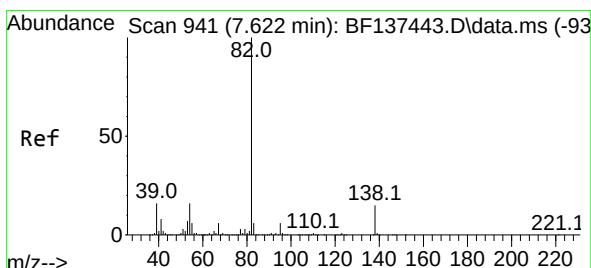
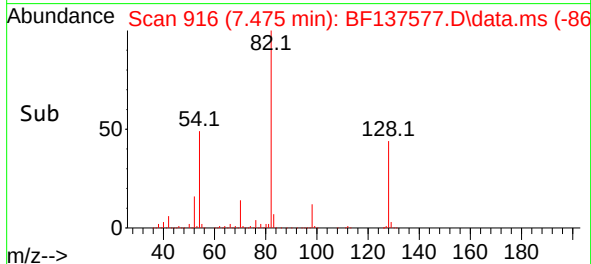
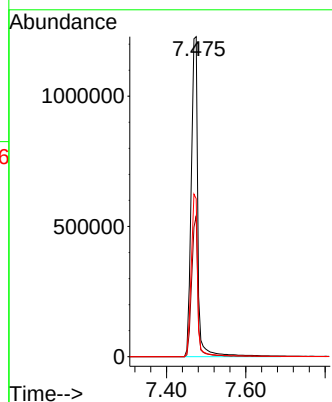
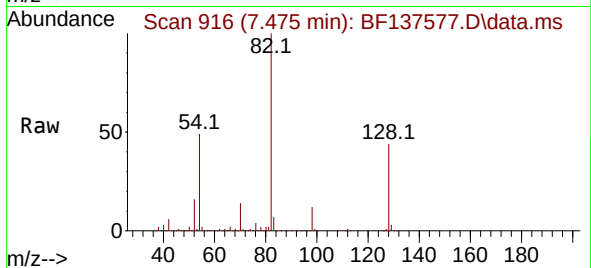
Tgt Ion: 82 Resp: 1434874

Ion Ratio Lower Upper

82 100

128 44.0 32.5 48.7

54 49.4 41.5 62.3



#25

Isophorone

Concen: 40.571 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.247 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

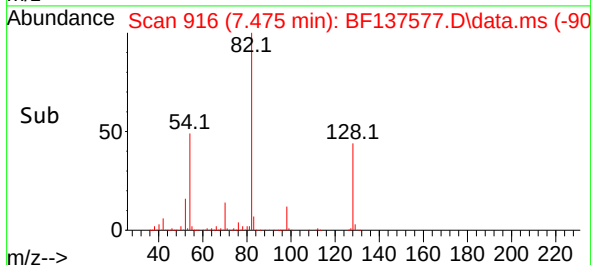
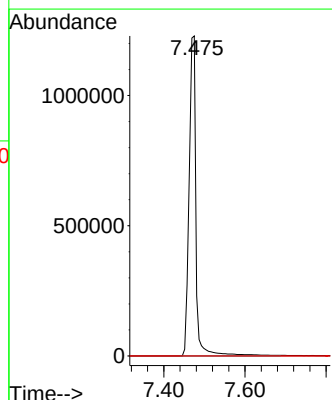
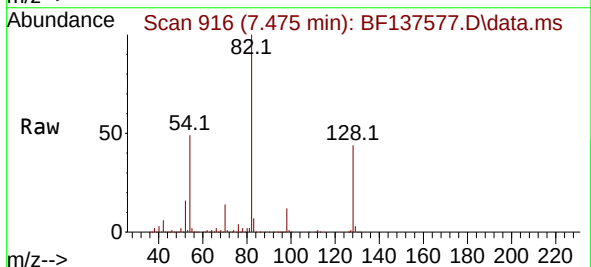
Tgt Ion: 82 Resp: 1434867

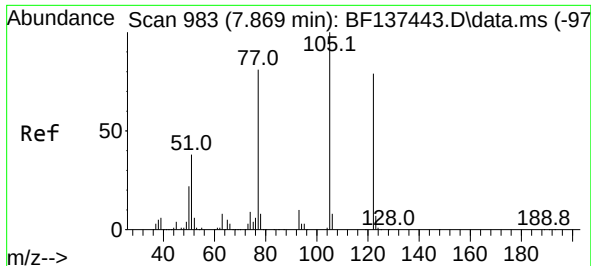
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

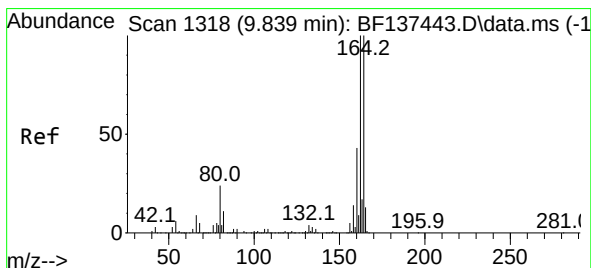
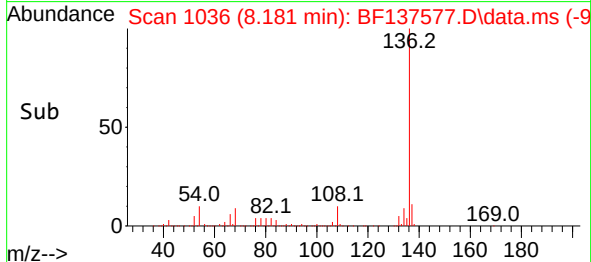
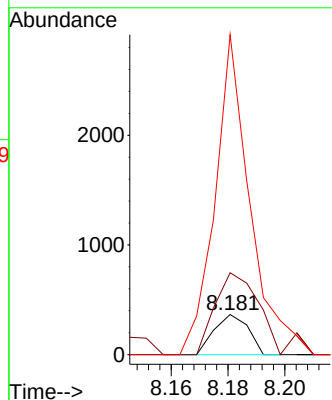
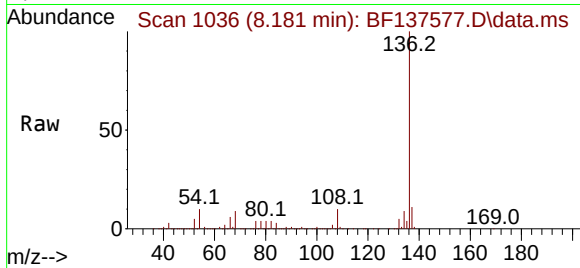




#32
Benzoic acid
Concen: 6.332 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.200 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

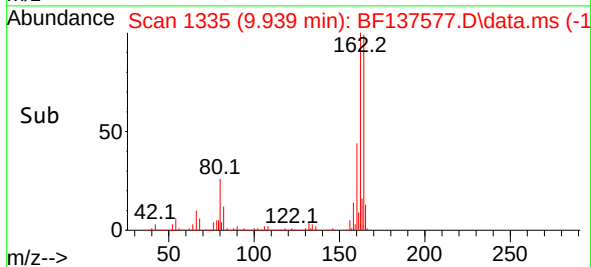
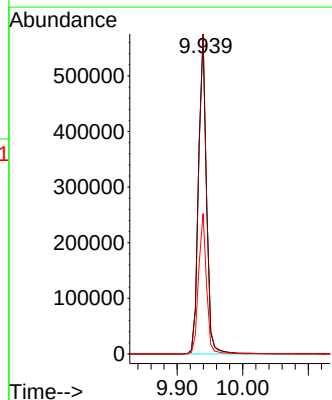
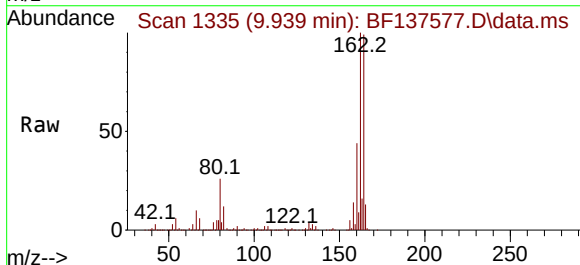
Instrument :
BNA_F
ClientSampleId :
WC-1

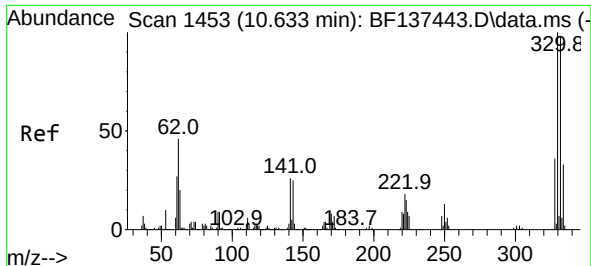
Tgt Ion:122 Resp: 303
Ion Ratio Lower Upper
122 100
105 204.4 102.4 142.4#
77 799.2 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion:164 Resp: 489186
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.1 34.4 51.6

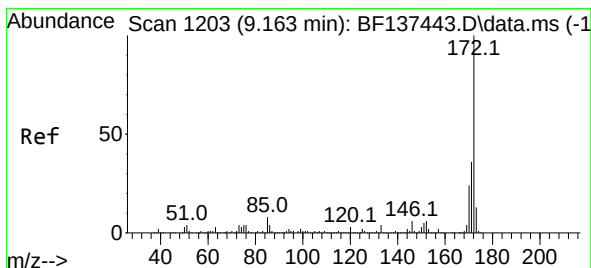
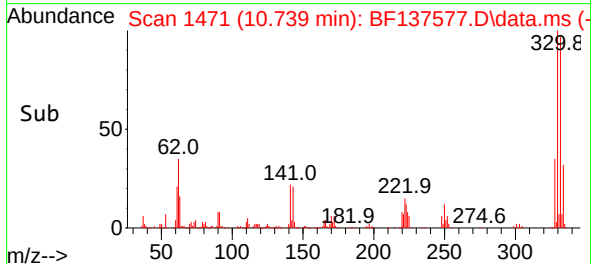
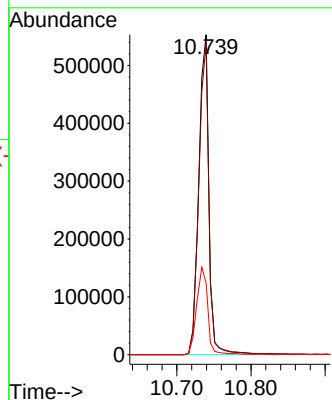
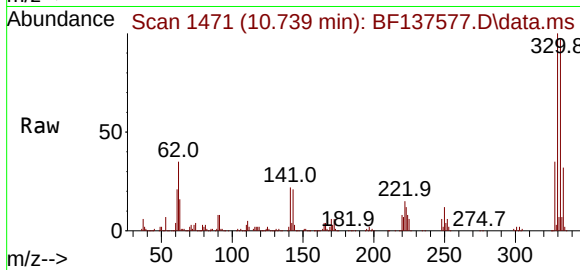




#42
2,4,6-Tribromophenol
Concen: 122.759 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

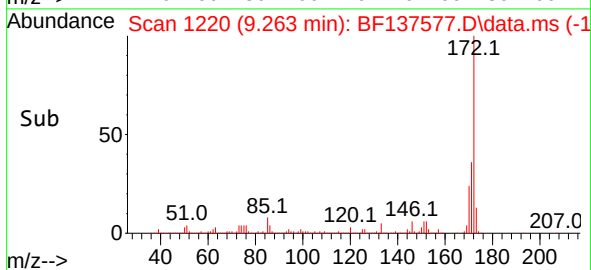
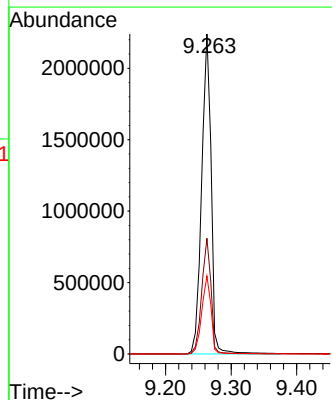
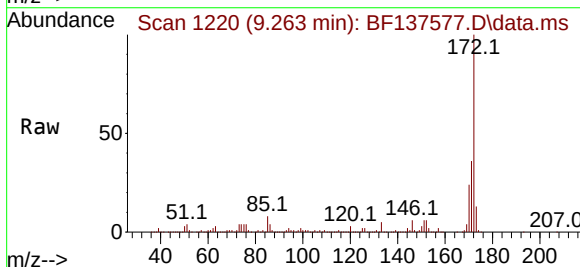
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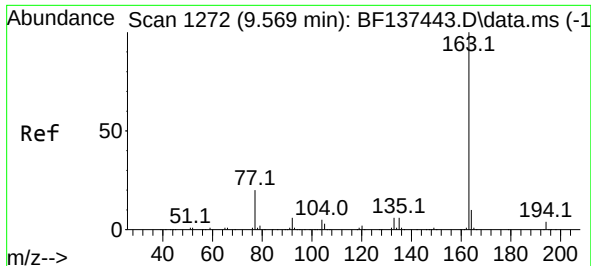
Tgt Ion:330 Resp: 527359
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 30.0 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 72.335 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion:172 Resp: 2260520
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.4 19.0 28.6

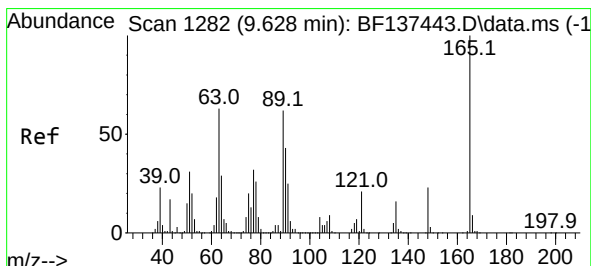
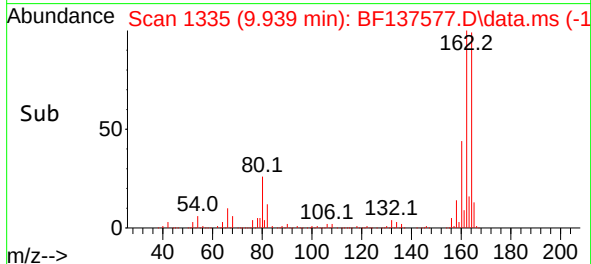
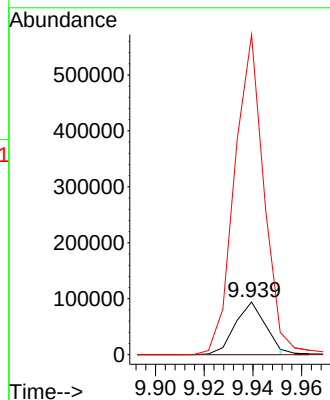
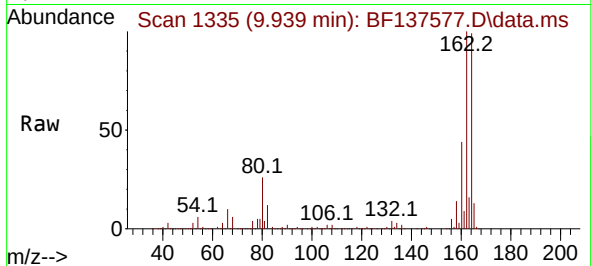




#50
Dimethylphthalate
Concen: 2.397 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

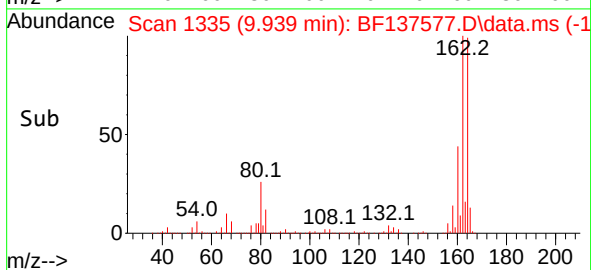
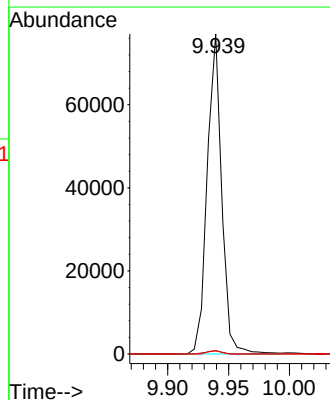
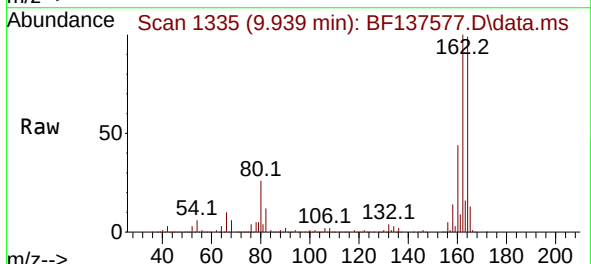
Instrument :
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ClientSampleId :
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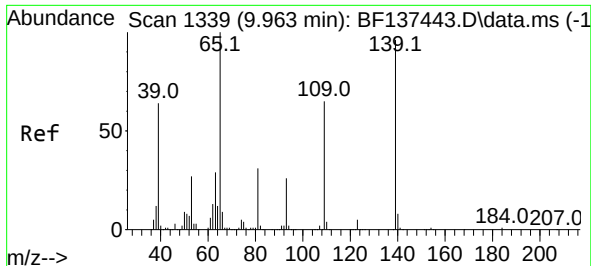
Tgt Ion:163 Resp: 81613
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 608.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.991 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion:165 Resp: 64036
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.0 50.0 75.0#

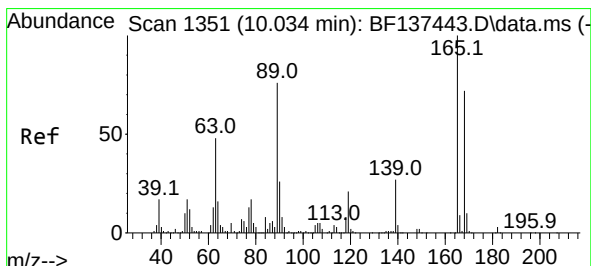
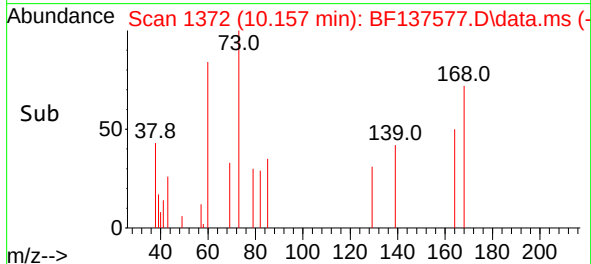
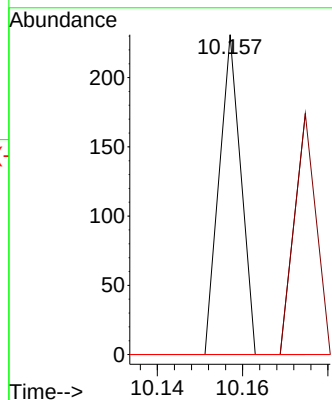
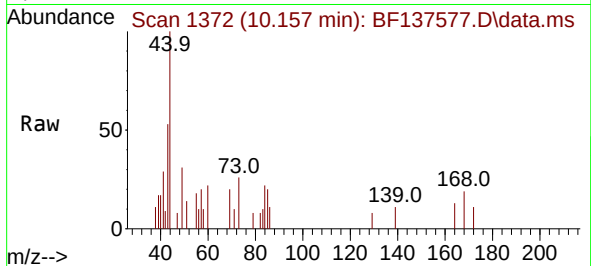




#56
4-Nitrophenol
Concen: 4.541 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

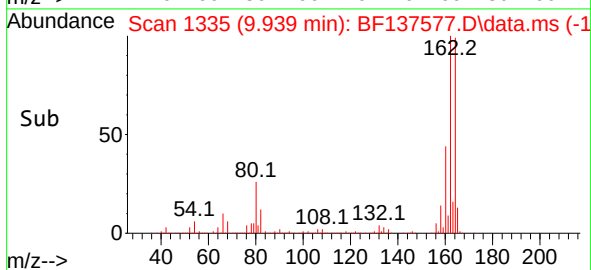
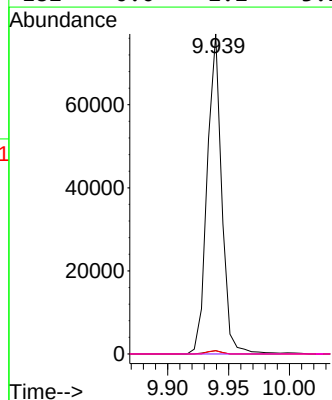
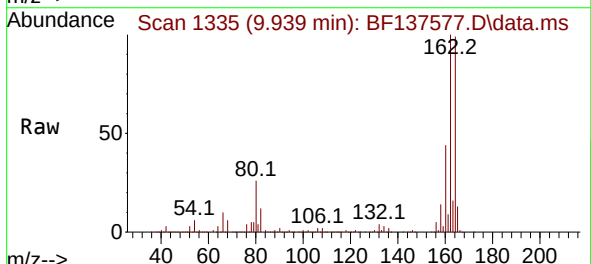
Instrument :
BNA_F
ClientSampleId :
WC-1

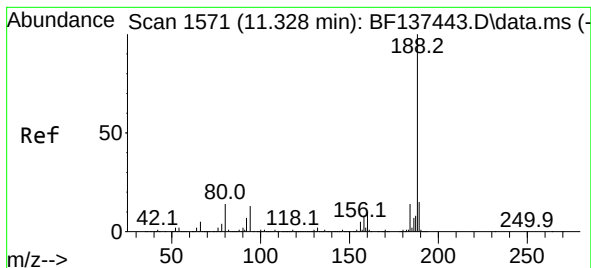
Tgt Ion:139 Resp: 81
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.318 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.194 min
Lab File: BF137577.D
Acq: 13 Mar 2024 15:18

Tgt Ion:165 Resp: 64036
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1

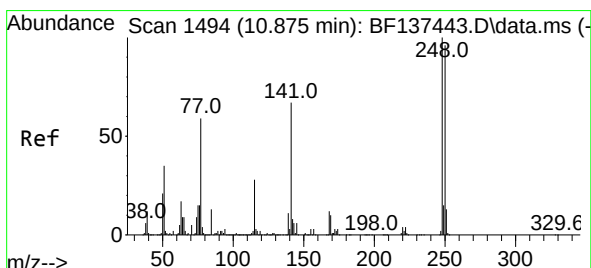
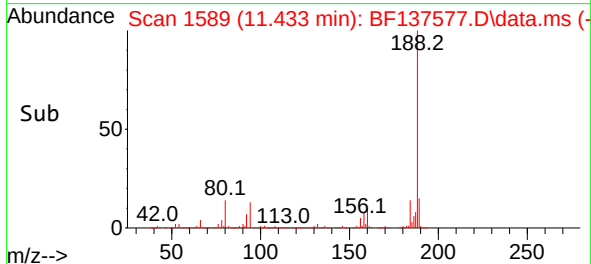
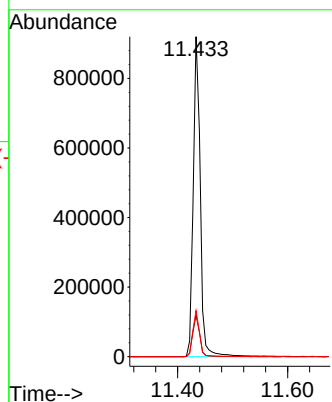
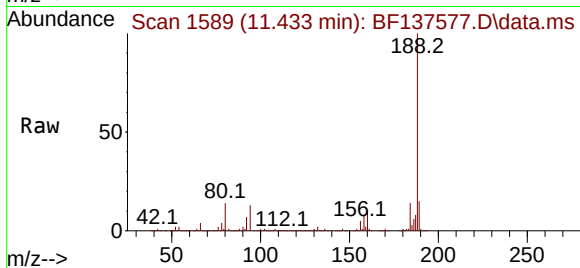
Tgt Ion:188 Resp: 811883

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 14.4 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 3.967 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.241 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

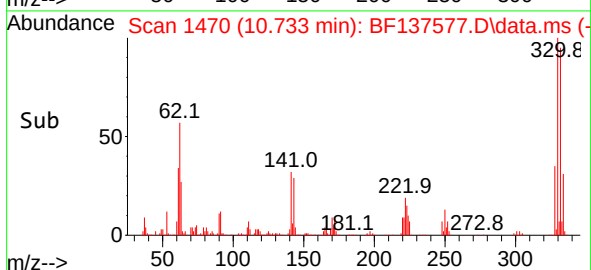
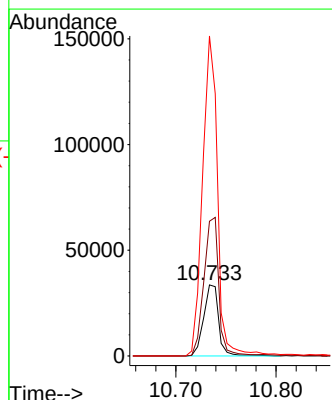
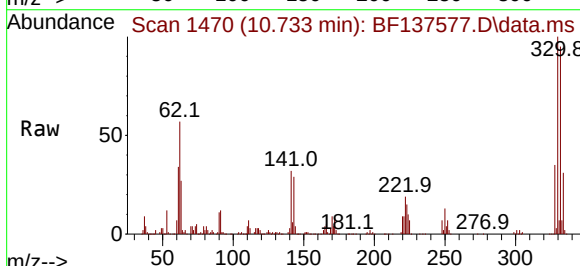
Tgt Ion:248 Resp: 35080

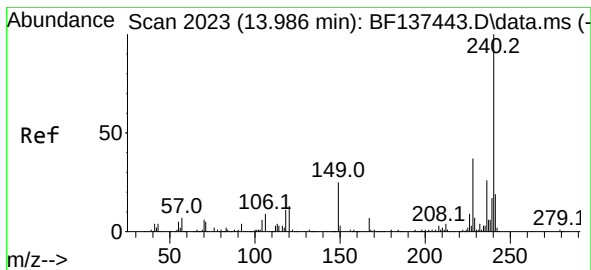
Ion Ratio Lower Upper

248 100

250 189.6 76.8 115.2#

141 450.4 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1

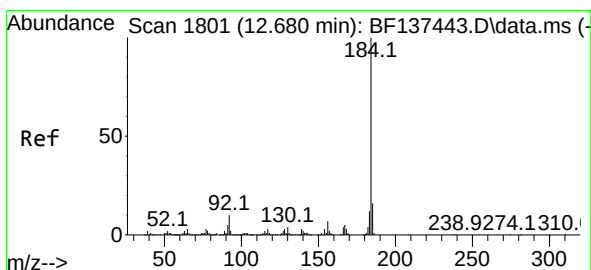
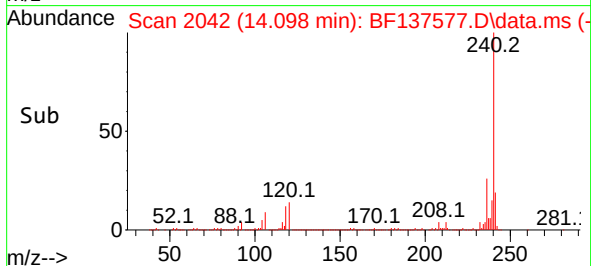
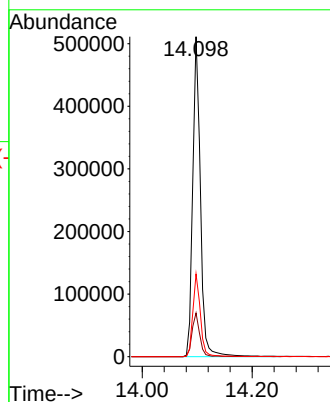
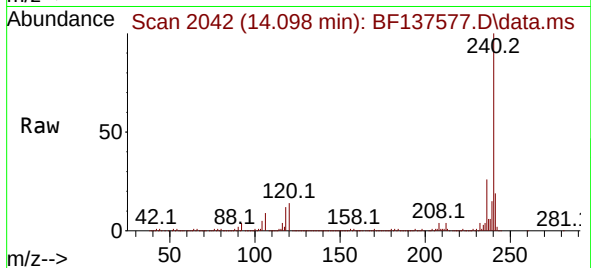
Tgt Ion:240 Resp: 494184

Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 25.9 20.9 31.3



#77

Benzidine

Concen: 2.299 ng

RT: 13.045 min Scan# 1863

Delta R.T. 0.259 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

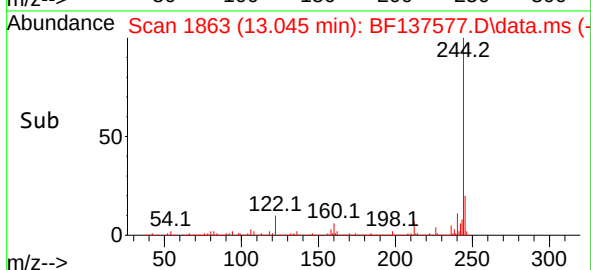
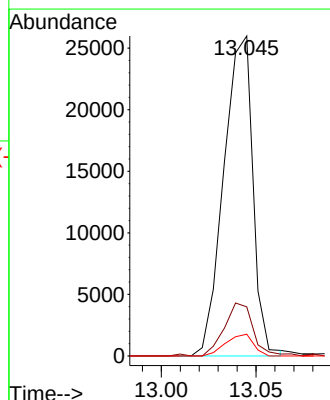
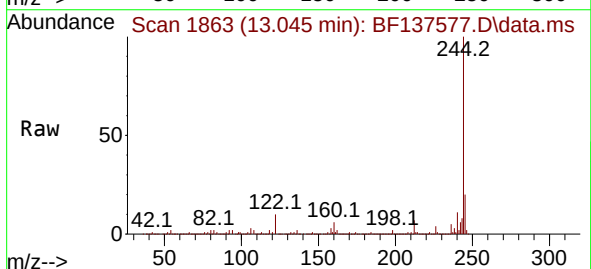
Tgt Ion:184 Resp: 27807

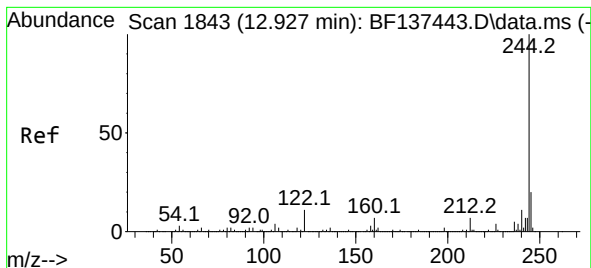
Ion Ratio Lower Upper

184 100

185 15.3 13.2 19.8

183 6.8 9.3 13.9#





#79

Terphenyl-d14

Concen: 66.058 ng

RT: 13.045 min Scan# 1863

Delta R.T. 0.006 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1

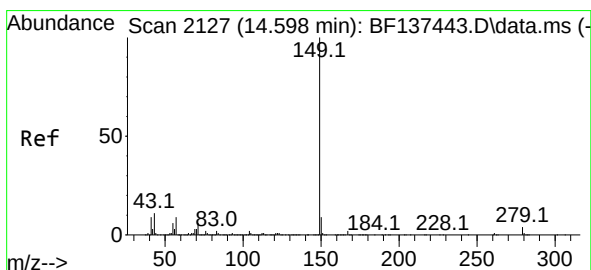
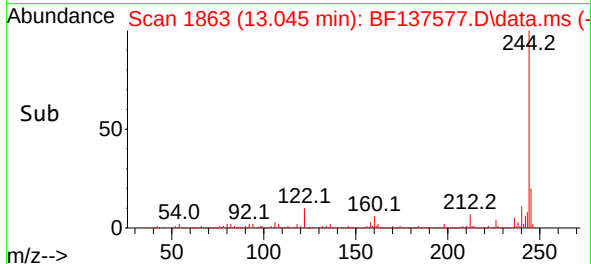
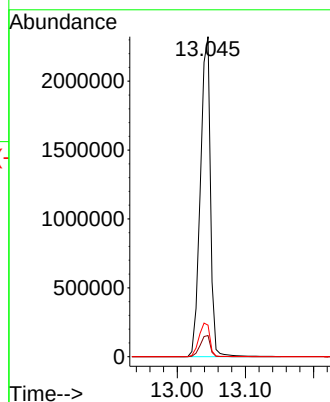
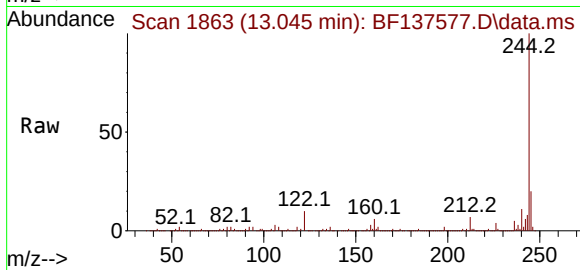
Tgt Ion:244 Resp: 2373998

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.9 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.618 ng

RT: 14.692 min Scan# 2143

Delta R.T. -0.023 min

Lab File: BF137577.D

Acq: 13 Mar 2024 15:18

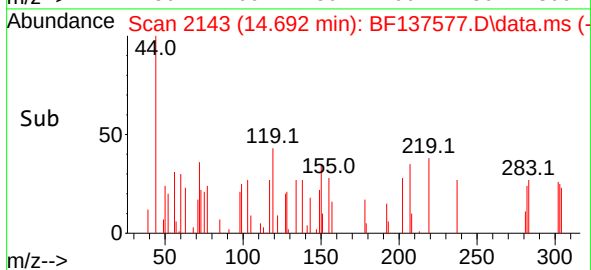
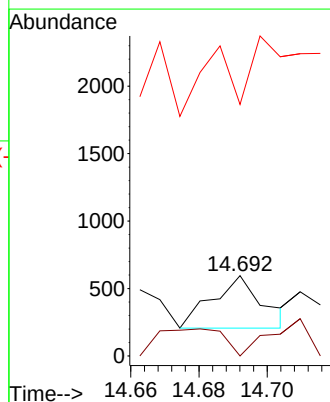
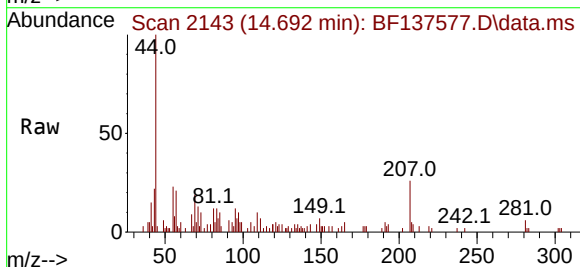
Tgt Ion:149 Resp: 396

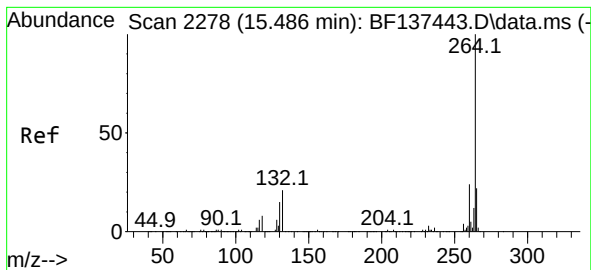
Ion Ratio Lower Upper

149 100

167 67.9 1.2 1.8#

43 83.8 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137577.D

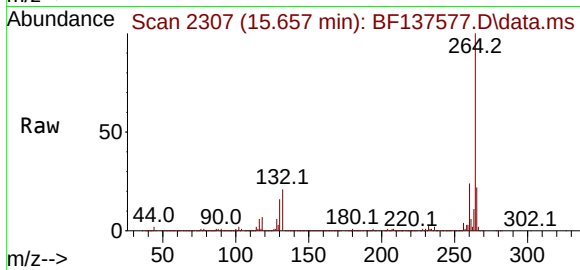
Acq: 13 Mar 2024 15:18

Instrument :

BNA_F

ClientSampleId :

WC-1



Tgt Ion:264 Resp: 500555

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.7 17.4 26.0

