

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137580.D
 Acq On : 13 Mar 2024 16:54
 Operator : CG\JU
 Sample : P1733-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Mar 13 17:18:42 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)

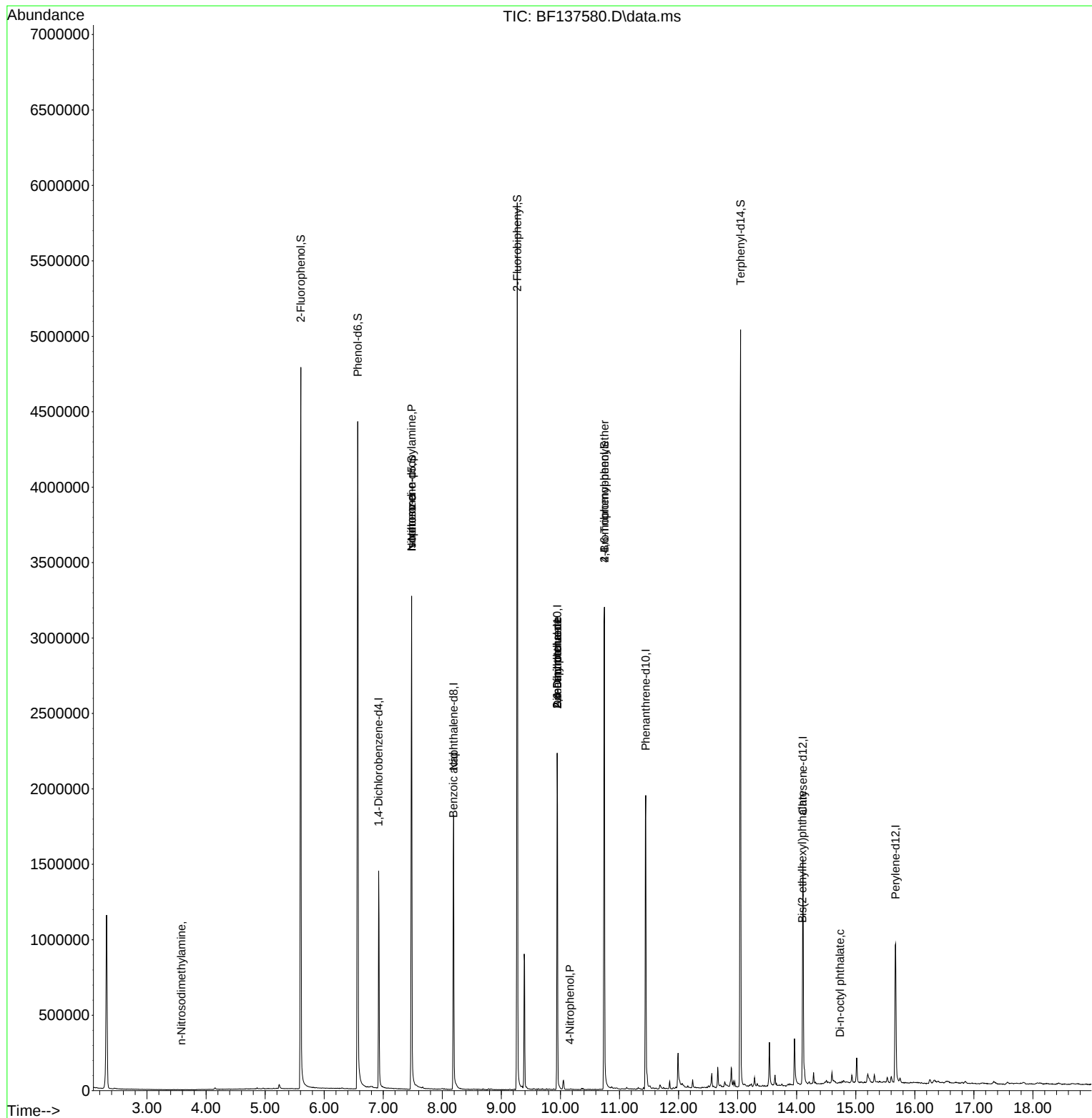
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	211108	20.000	ng	0.02
21) Naphthalene-d8	8.192	136	841061	20.000	ng	0.02
39) Acenaphthene-d10	9.945	164	466684	20.000	ng	0.01
64) Phenanthrene-d10	11.445	188	751155	20.000	ng	0.01
76) Chrysene-d12	14.104	240	473239	20.000	ng	0.00
86) Perylene-d12	15.674	264	483794	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1372395	98.459	ng	0.04
7) Phenol-d6	6.569	99	1898059	94.336	ng	0.01
23) Nitrobenzene-d5	7.481	82	1178739	65.119	ng	0.01
42) 2,4,6-Tribromophenol	10.745	330	431101	105.190	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	1884215	63.201	ng	0.01
79) Terphenyl-d14	13.051	244	1900099	55.212	ng	0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.581	42	243	3.838	ng	# 1
19) n-Nitroso-di-n-propyla...	7.481	70	149924	12.067	ng	# 80
25) Isophorone	7.481	82	1178732	34.276	ng	# 69
32) Benzoic acid	8.186	122	140	6.314	ng	# 1
50) Dimethylphthalate	9.945	163	76109	2.343	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	61170	9.002	ng	# 20
56) 4-Nitrophenol	10.163	139	138	4.552	ng	# 5
57) 2,4-Dinitrotoluene	9.945	165	61170	7.327	ng	# 21
67) 4-Bromophenyl-phenylether	10.745	248	28027	3.426	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.098	149	61115	4.055	ng	97
85) Di-n-octyl phthalate	14.733	149	4665	5.749	ng	# 77

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

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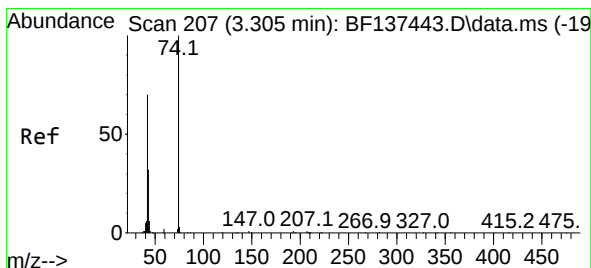
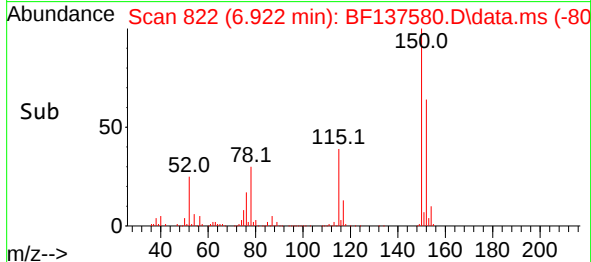
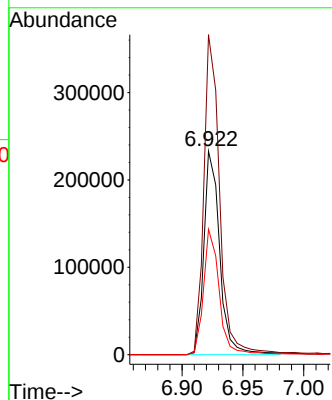
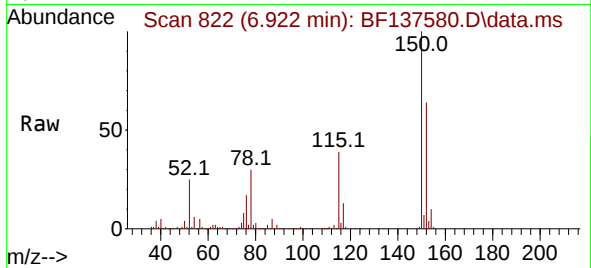




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

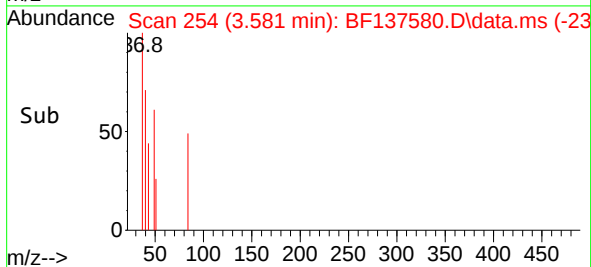
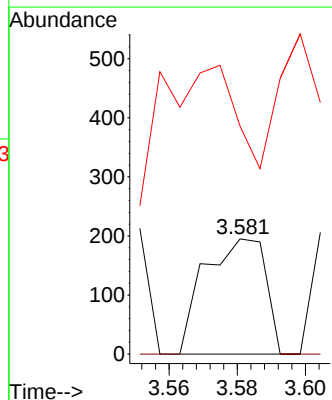
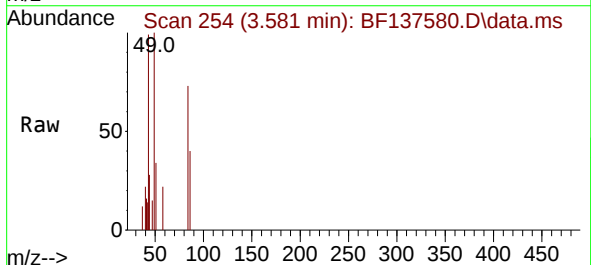
Instrument :
BNA_F
ClientSampleId :
WC-2

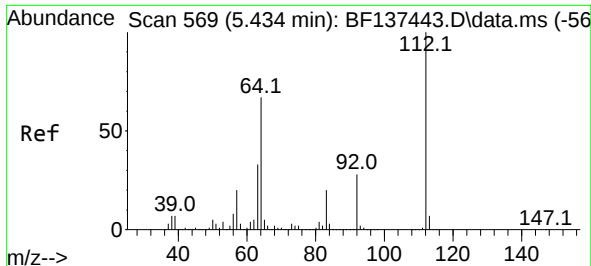
Tgt Ion:152 Resp: 211108
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 61.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.838 ng
RT: 3.581 min Scan# 254
Delta R.T. 0.012 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion: 42 Resp: 243
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 197.9 7.0 10.4#

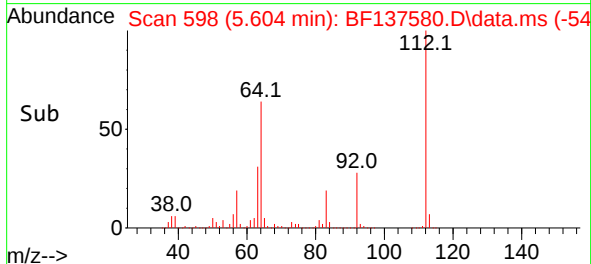
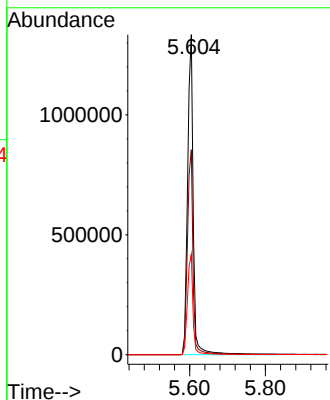
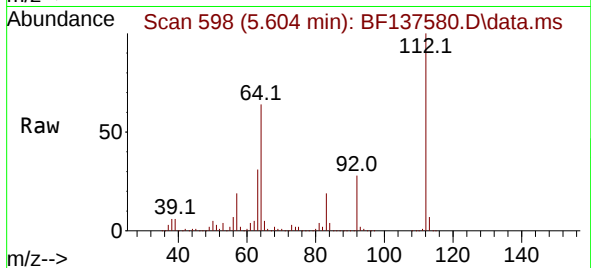




#5
2-Fluorophenol
Concen: 98.459 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.035 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

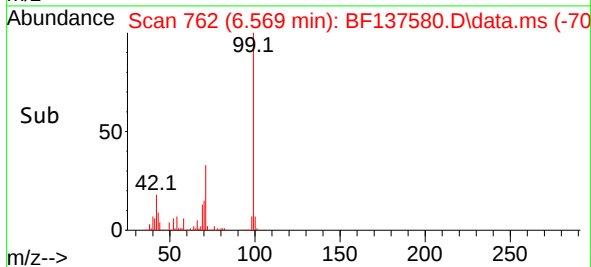
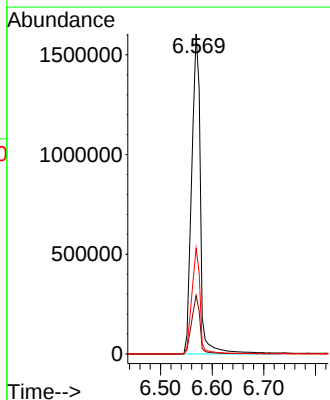
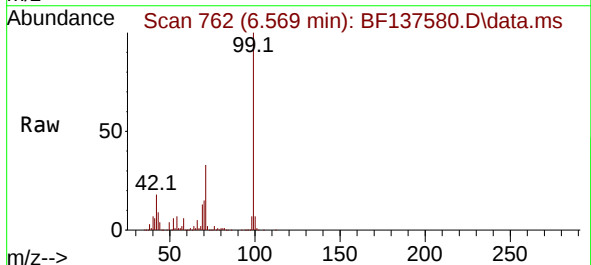
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:112 Resp: 1372395
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 31.3 26.2 39.2



#7
Phenol-d6
Concen: 94.336 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.012 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion: 99 Resp: 1898059
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 33.1 25.3 37.9

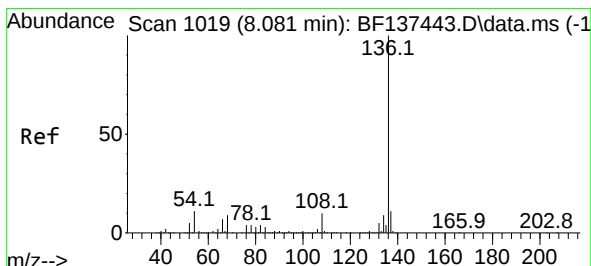
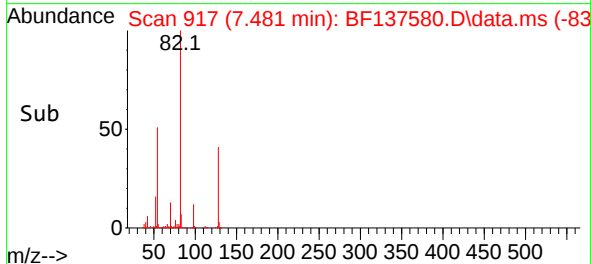
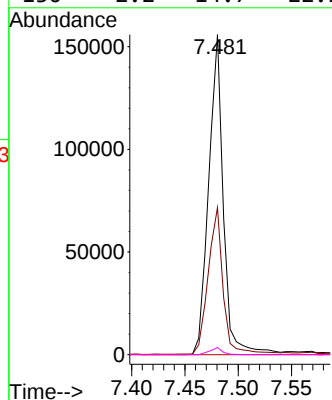
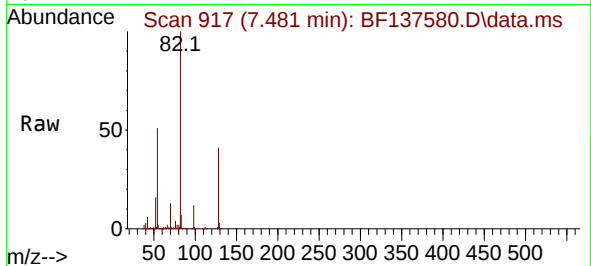




#19
n-Nitroso-di-n-propylamine
Concen: 12.067 ng
RT: 7.481 min Scan# 91
Delta R.T. 0.159 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

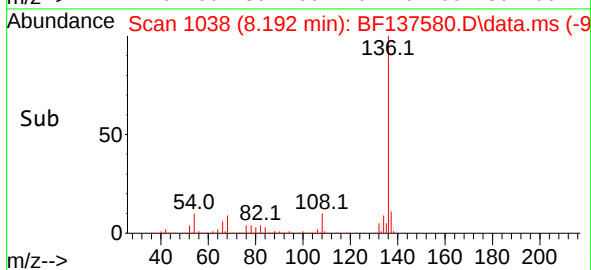
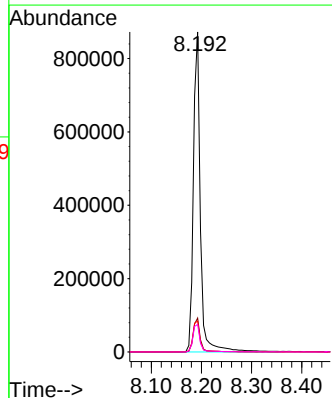
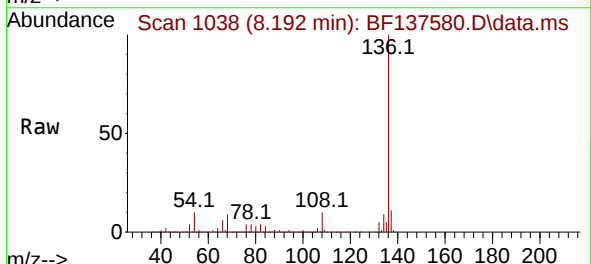
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 70 Resp: 149924
Ion Ratio Lower Upper
70 100
42 46.0 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: 8.192 min Scan# 1038
Delta R.T. 0.018 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion:136 Resp: 841061
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.7 8.5 12.7
68 8.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 65.119 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

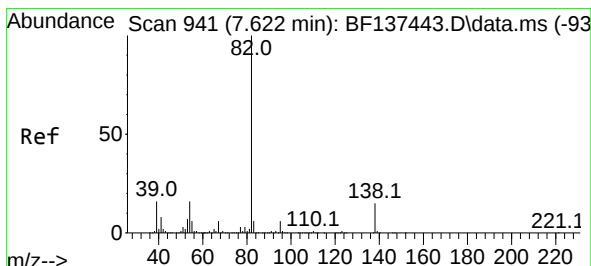
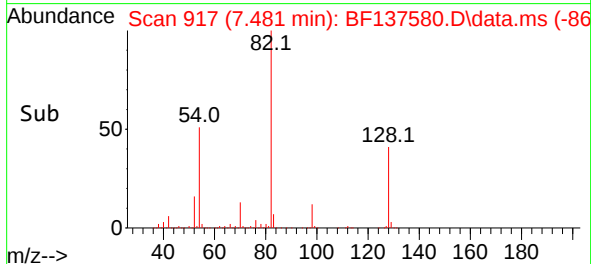
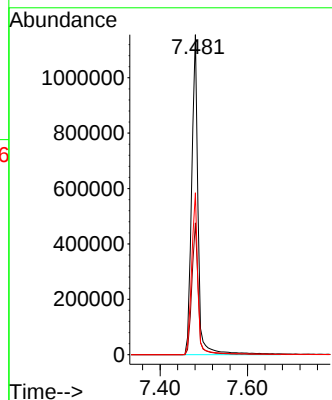
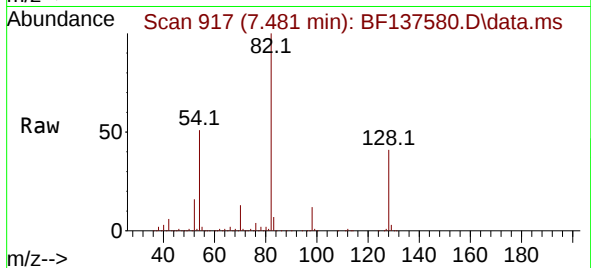
Tgt Ion: 82 Resp: 1178739

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 50.6 41.5 62.3



#25

Isophorone

Concen: 34.276 ng

RT: 7.481 min Scan# 917

Delta R.T. -0.241 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

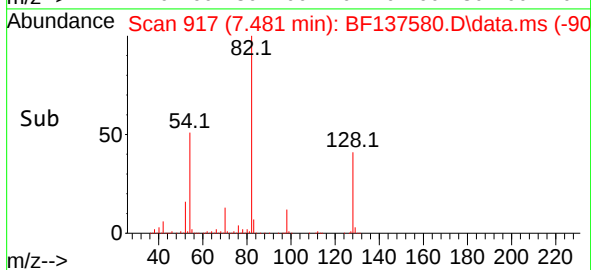
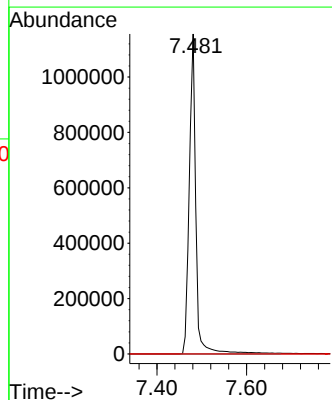
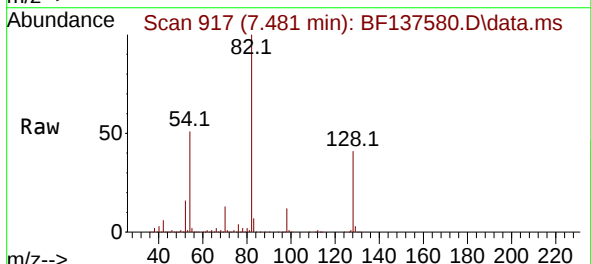
Tgt Ion: 82 Resp: 1178732

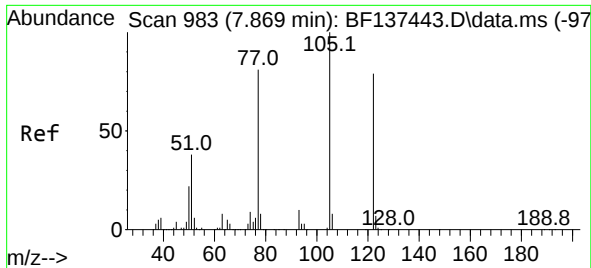
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

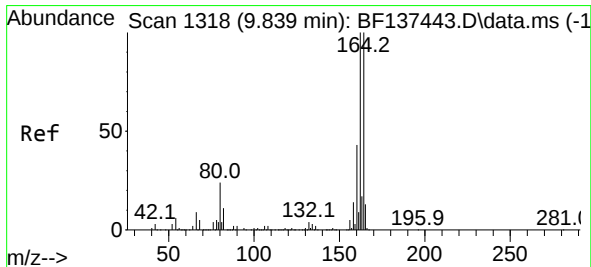
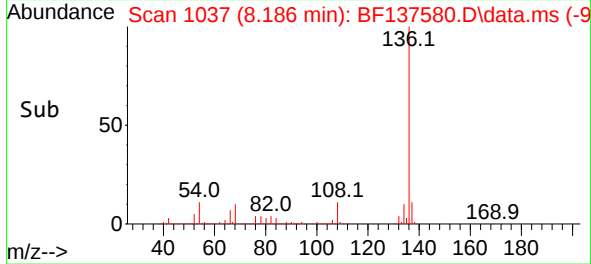
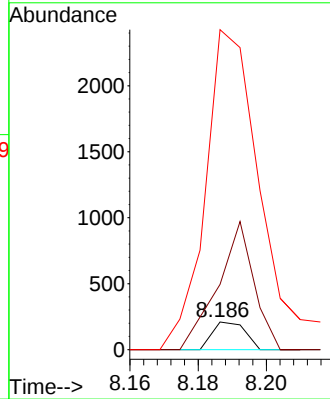
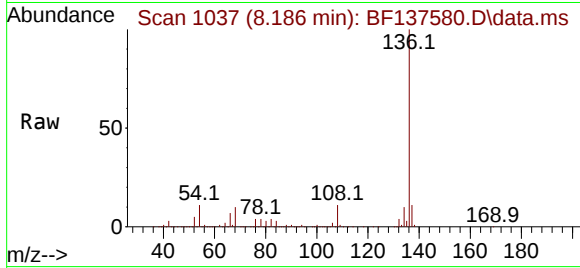




#32
Benzoic acid
Concen: 6.314 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.206 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

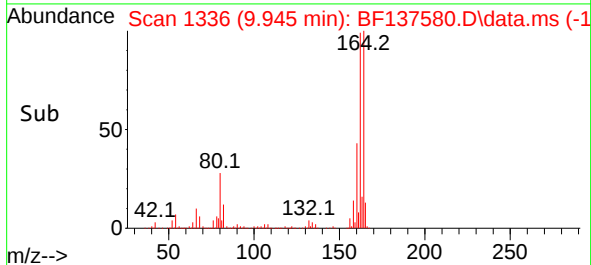
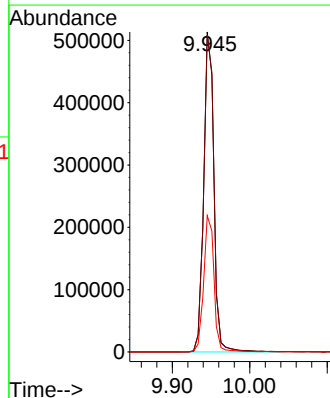
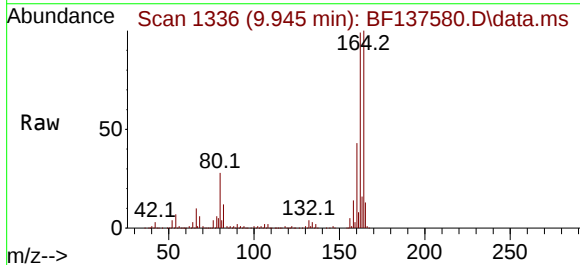
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 235.2 102.4 142.4#
77 1154.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion:164 Resp: 466684
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 42.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 105.190 ng

RT: 10.745 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

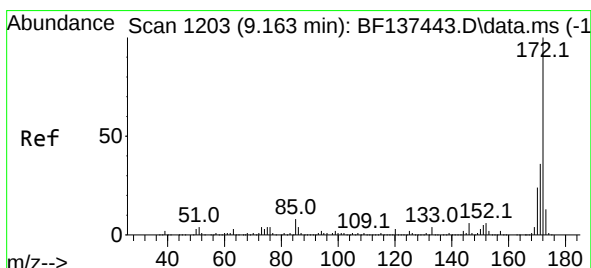
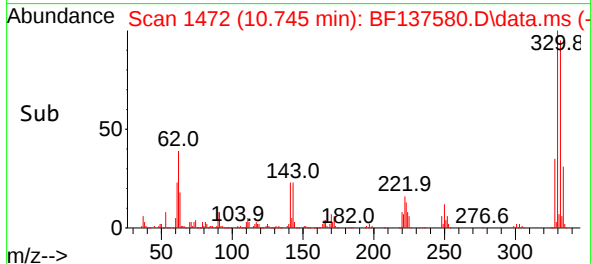
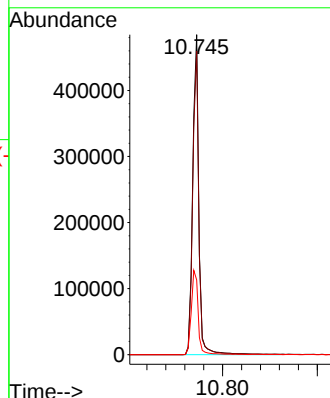
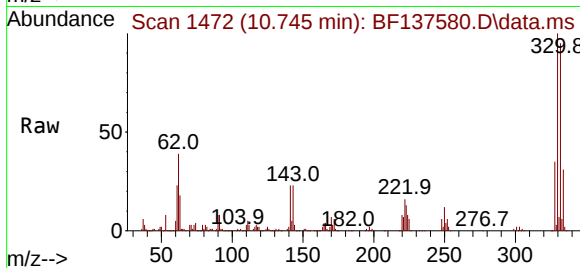
Tgt Ion:330 Resp: 431101

Ion Ratio Lower Upper

330 100

332 94.4 78.0 117.0

141 29.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 63.201 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

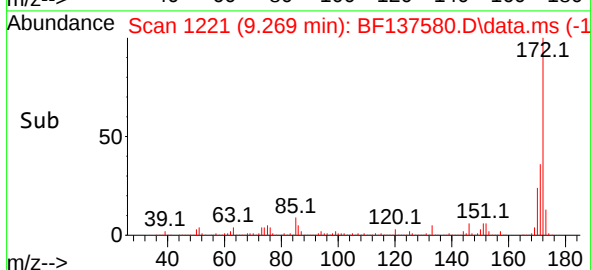
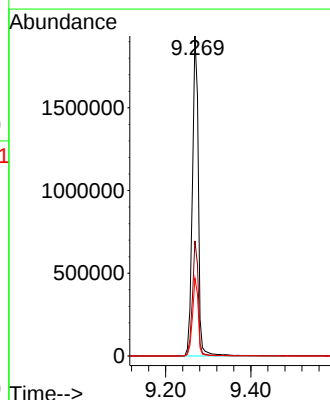
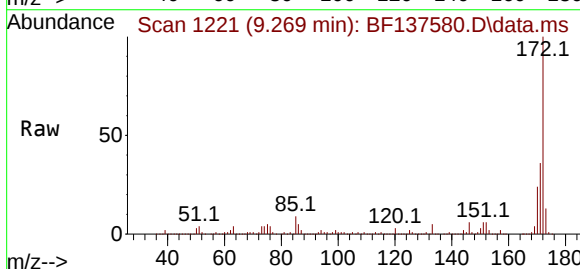
Tgt Ion:172 Resp: 1884215

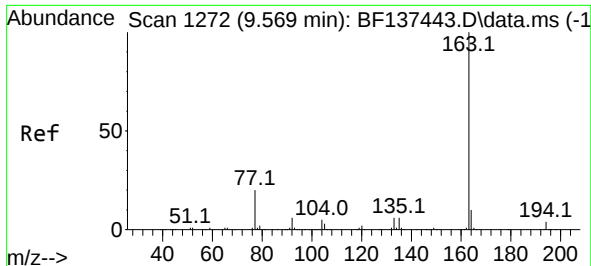
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.3 19.0 28.6

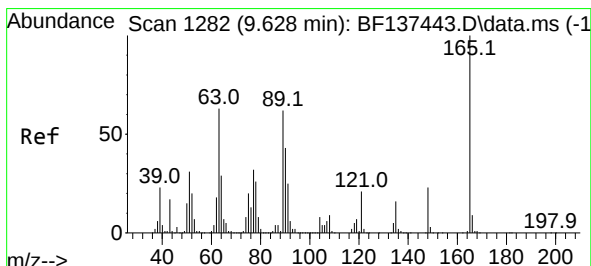
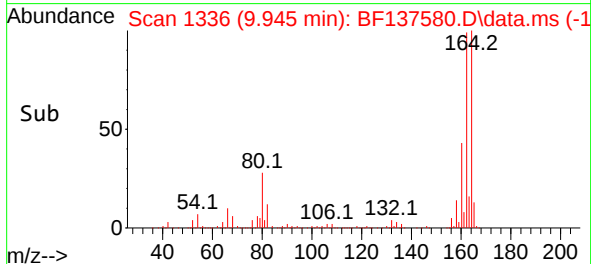
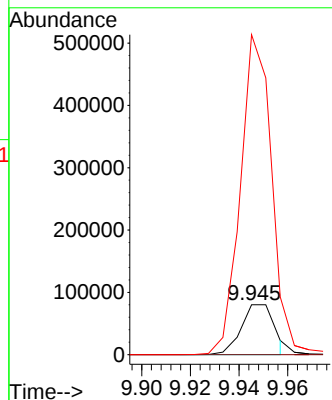
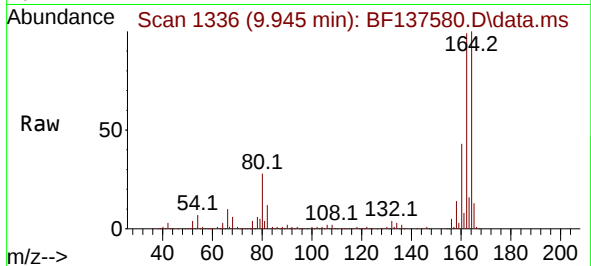




#50
Dimethylphthalate
Concen: 2.343 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.276 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

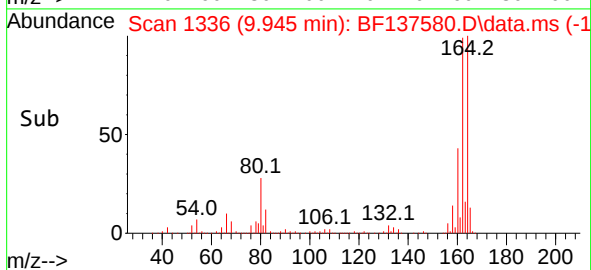
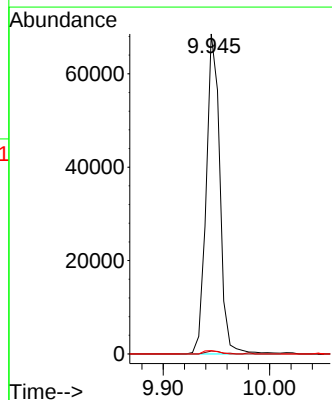
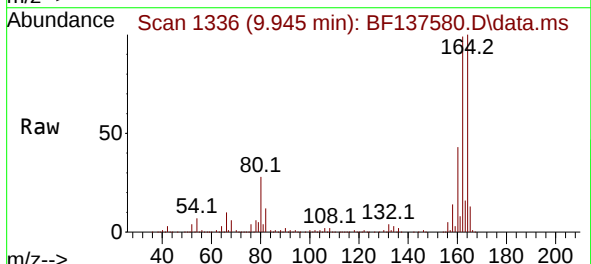
Instrument :
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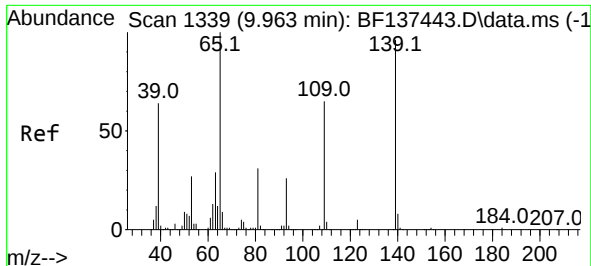
Tgt Ion:163 Resp: 76109
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 640.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.002 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.218 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion:165 Resp: 61170
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 1.1 50.0 75.0#

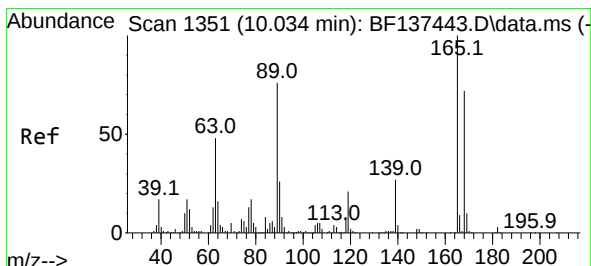
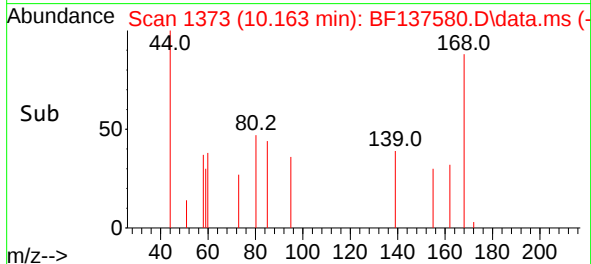
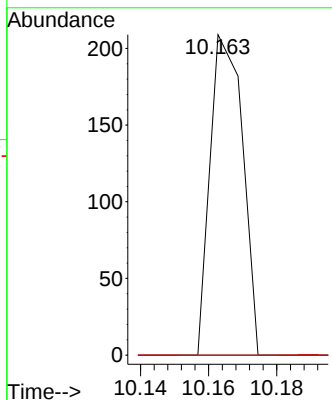
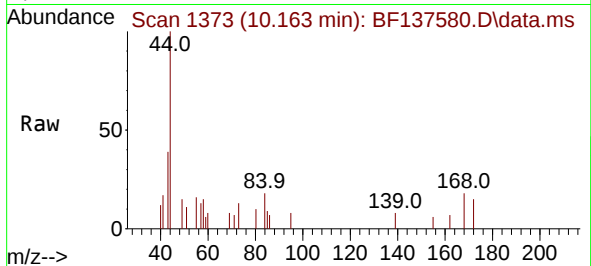




#56
4-Nitrophenol
Concen: 4.552 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.100 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

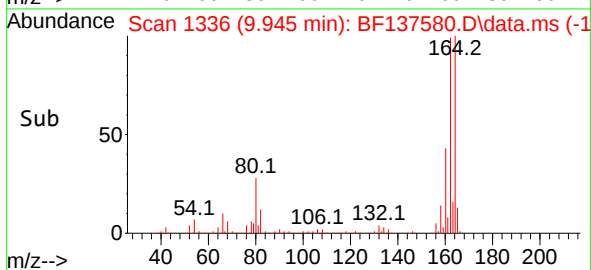
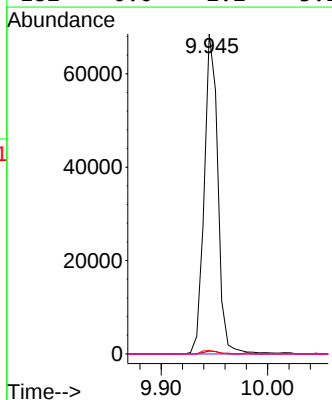
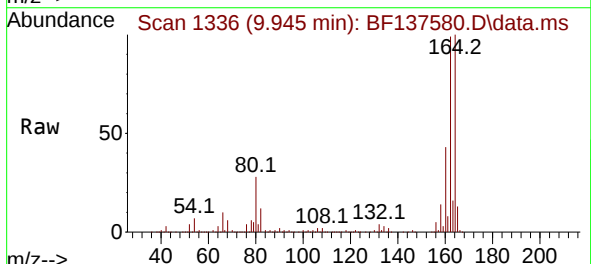
Instrument :
BNA_F
ClientSampleId :
WC-2

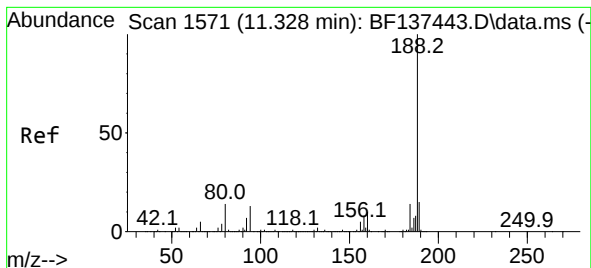
Tgt Ion:139 Resp: 138
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.327 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

Tgt Ion:165 Resp: 61170
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

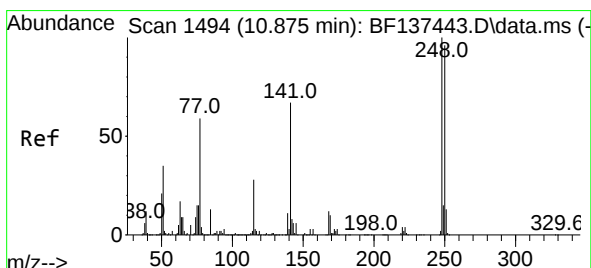
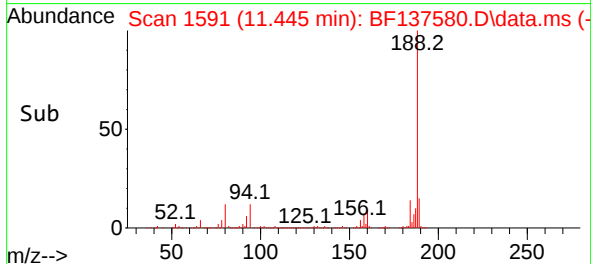
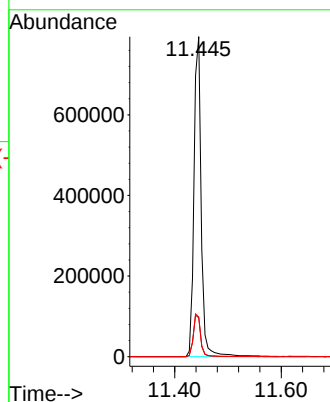
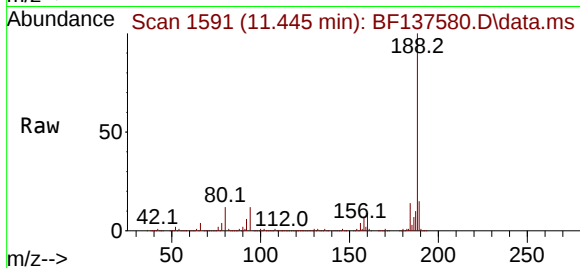
Tgt Ion:188 Resp: 751155

Ion Ratio Lower Upper

188 100

94 12.1 10.6 15.8

80 12.4 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 3.426 ng

RT: 10.745 min Scan# 1472

Delta R.T. -0.229 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

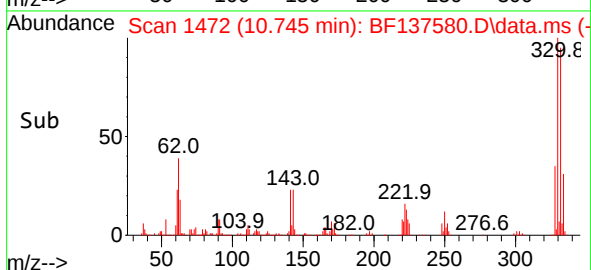
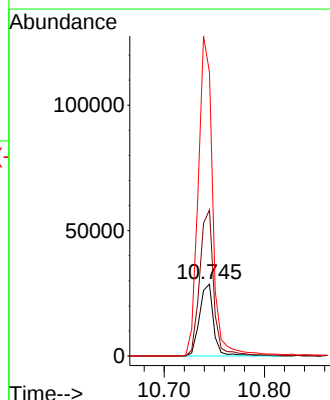
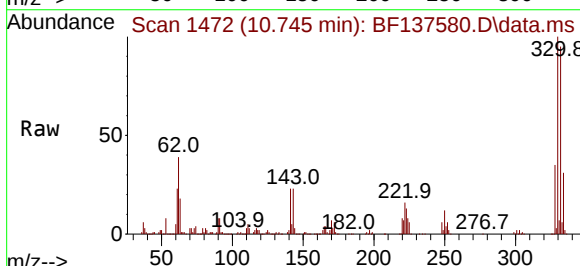
Tgt Ion:248 Resp: 28027

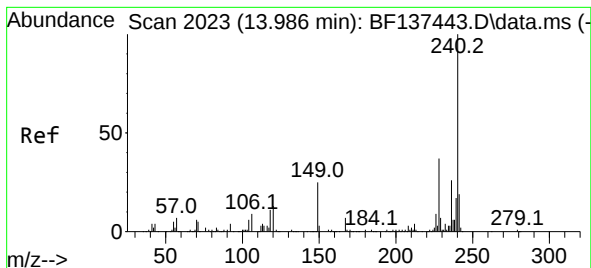
Ion Ratio Lower Upper

248 100

250 203.5 76.8 115.2#

141 394.7 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

Instrument :

BNA_F

ClientSampleId :

WC-2

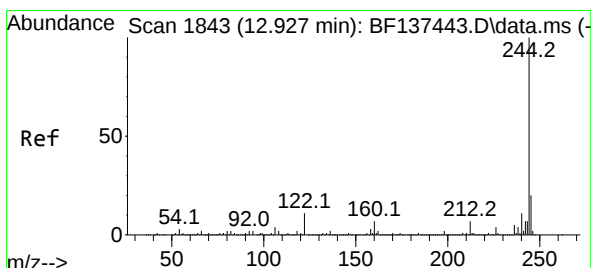
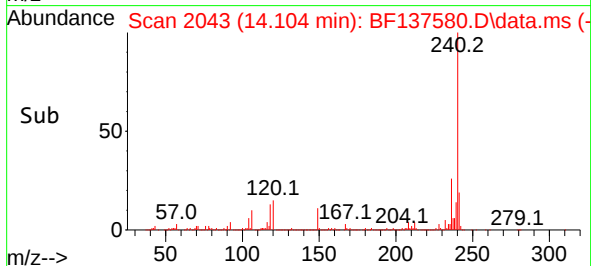
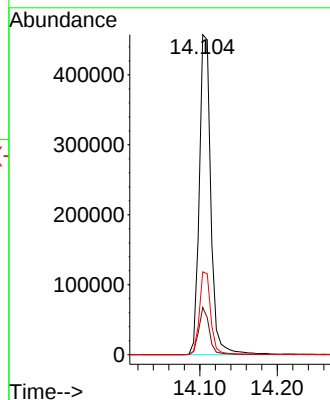
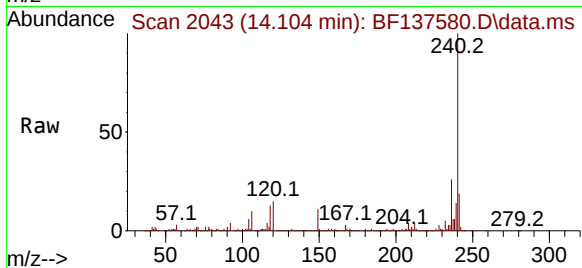
Tgt Ion:240 Resp: 473239

Ion Ratio Lower Upper

240 100

120 14.7 10.4 15.6

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 55.212 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.012 min

Lab File: BF137580.D

Acq: 13 Mar 2024 16:54

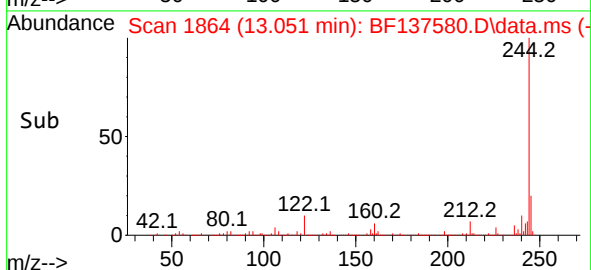
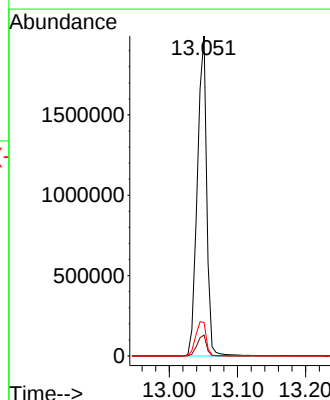
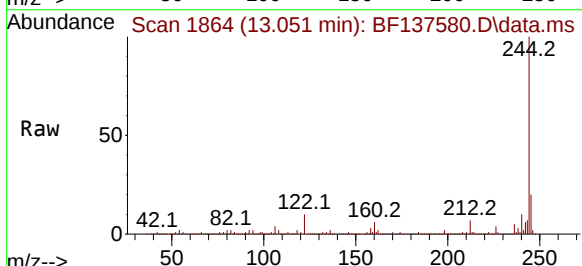
Tgt Ion:244 Resp: 1900099

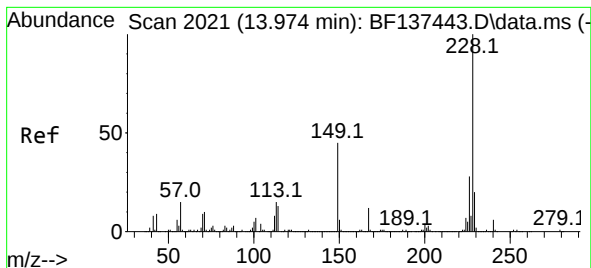
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.5 9.1 13.7

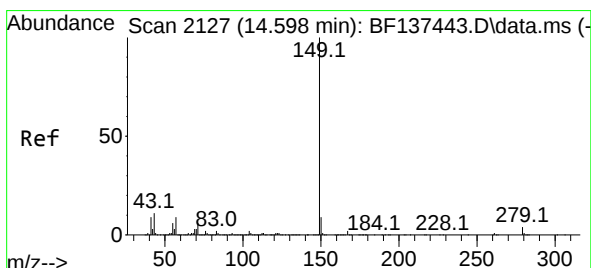
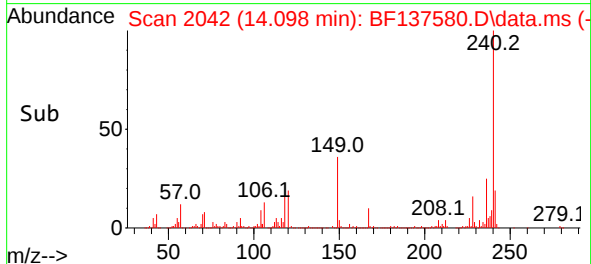
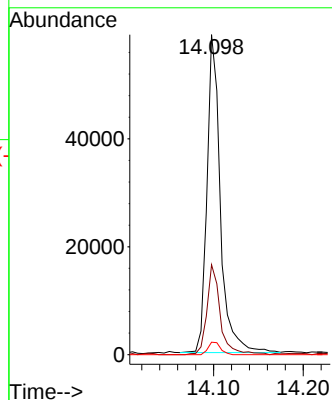
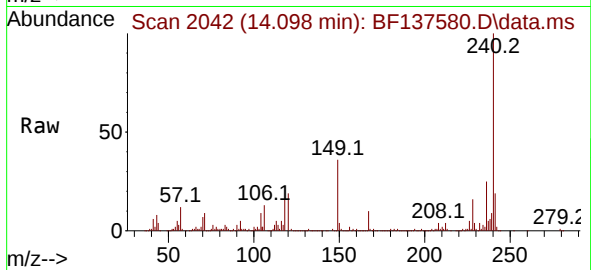




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.055 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

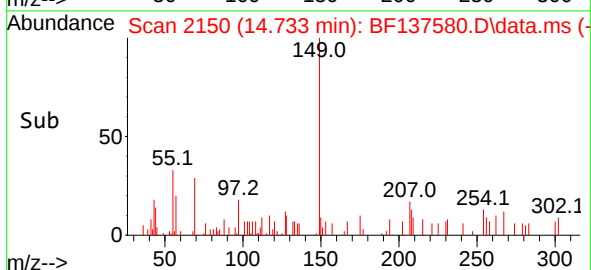
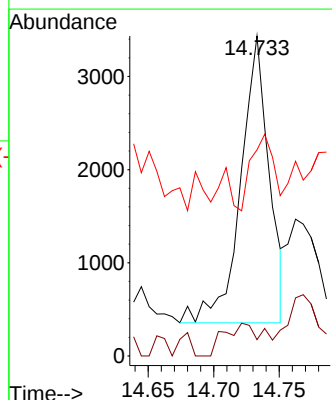
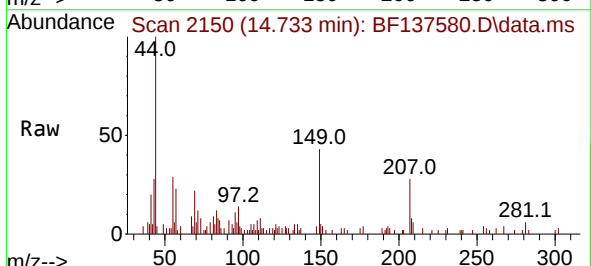
Instrument :
BNA_F
ClientSampleId :
WC-2

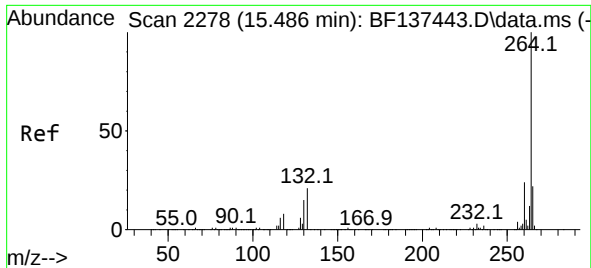
Tgt Ion:149 Resp: 61115
Ion Ratio Lower Upper
149 100
167 28.1 21.3 31.9
279 3.9 2.6 4.0



#85
Di-n-octyl phthalate
Concen: 5.749 ng
RT: 14.733 min Scan# 2150
Delta R.T. 0.018 min
Lab File: BF137580.D
Acq: 13 Mar 2024 16:54

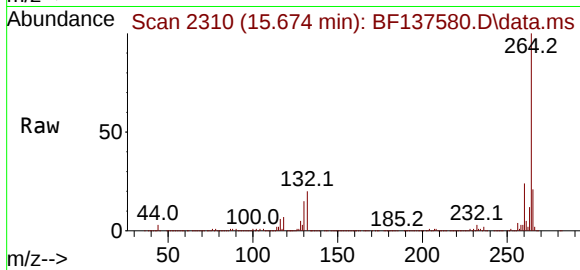
Tgt Ion:149 Resp: 4665
Ion Ratio Lower Upper
149 100
167 12.0 1.2 1.8#
43 20.9 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF137580.D
 Acq: 13 Mar 2024 16:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-2



Tgt Ion:264 Resp: 483794
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.2 17.4 26.0

