

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137572.D
 Acq On : 13 Mar 2024 09:57
 Operator : CG\JU
 Sample : PB159549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159549BL

Quant Time: Mar 13 10:47:41 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)

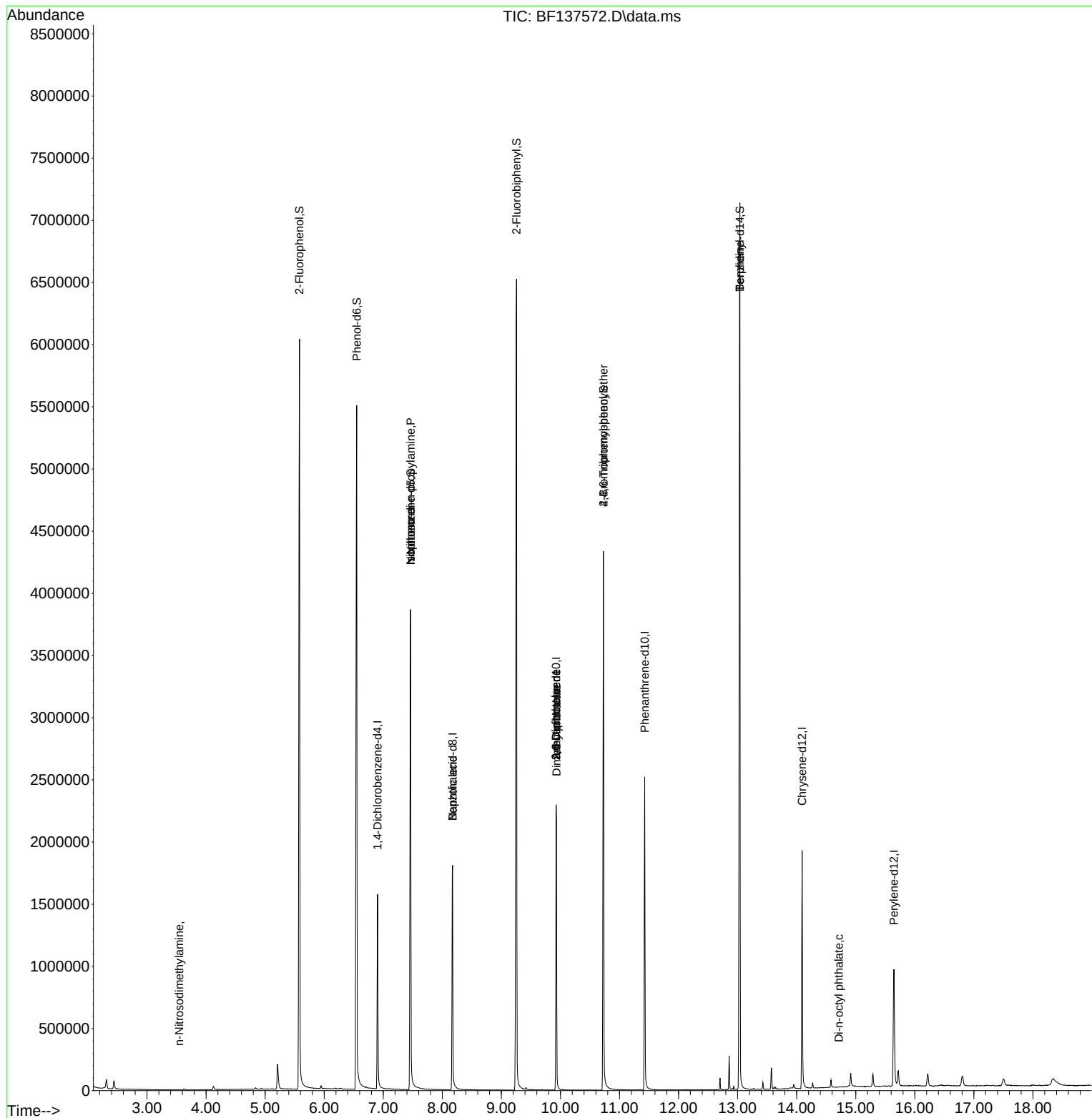
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	240013	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	936243	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	506669	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	911507	20.000	ng	0.00
76) Chrysene-d12	14.092	240	634047	20.000	ng	0.00
86) Perylene-d12	15.645	264	494474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1802398	113.736	ng	0.01
7) Phenol-d6	6.551	99	2400025	104.919	ng	0.00
23) Nitrobenzene-d5	7.463	82	1548728	76.861	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	569649	128.027	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2487010	76.837	ng	0.00
79) Terphenyl-d14	13.039	244	3004661	65.164	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.546	42	318	3.843	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	200788	14.214	ng	# 80
25) Isophorone	7.463	82	1545427	40.370	ng	# 69
32) Benzoic acid	8.175	122	137	6.312	ng	# 1
50) Dimethylphthalate	9.933	163	99269	2.815	ng	# 1
51) 2,6-Dinitrotoluene	9.927	165	65665	8.901	ng	# 20
57) 2,4-Dinitrotoluene	9.927	165	65785	7.258	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	36794	3.706	ng	# 1
77) Benzidine	13.039	184	34819	2.244	ng	# 93
85) Di-n-octyl phthalate	14.715	149	667	5.622	ng	# 72

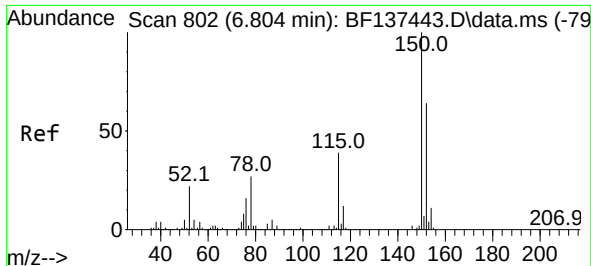
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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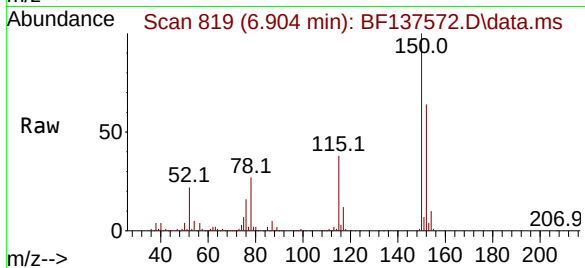
Quant Time: Mar 13 10:47:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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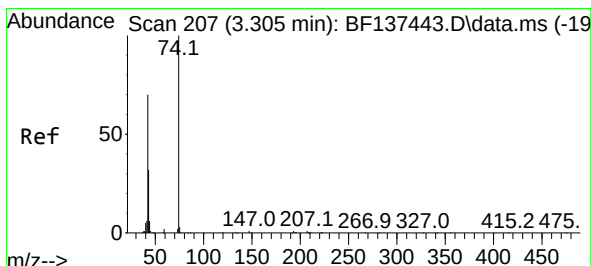
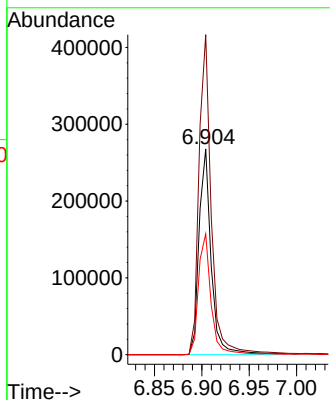
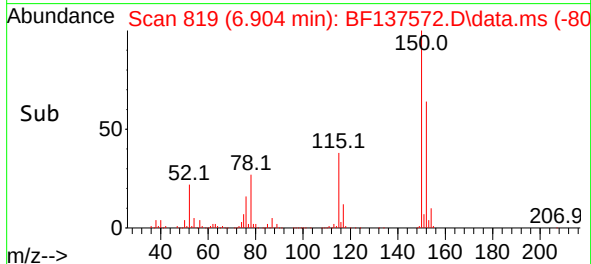


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

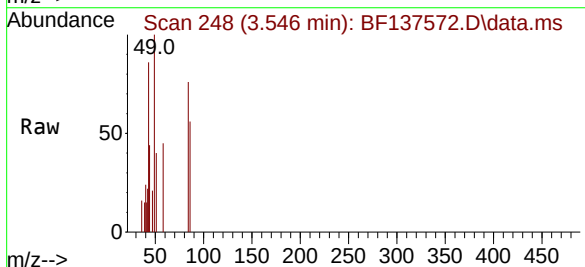
Instrument :
BNA_F
ClientSampleId :
PB159549BL



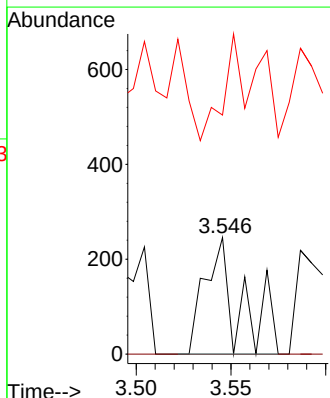
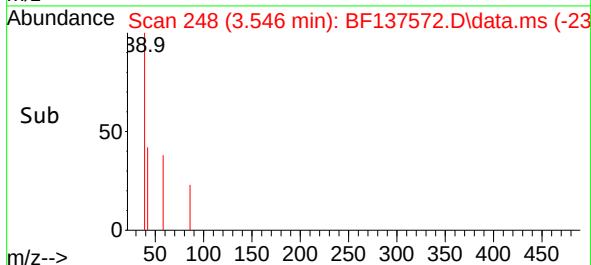
Tgt Ion:152 Resp: 240013
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 58.7 48.8 73.2

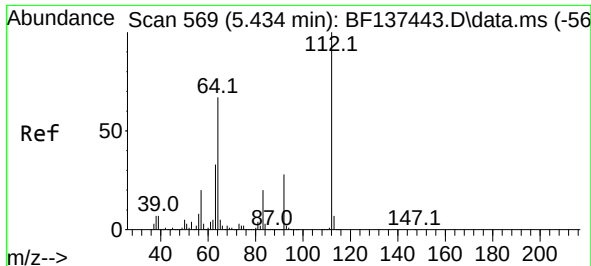


#4
n-Nitrosodimethylamine
Concen: 3.843 ng
RT: 3.546 min Scan# 248
Delta R.T. -0.024 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57



Tgt Ion: 42 Resp: 318
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 204.9 7.0 10.4#

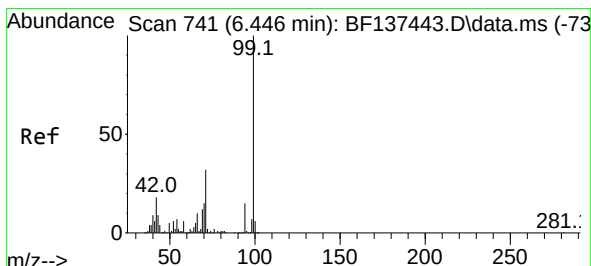
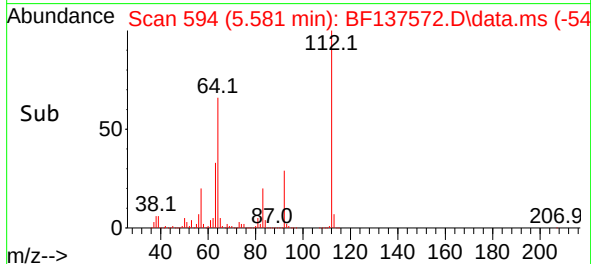
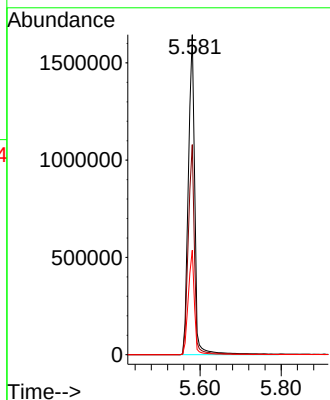
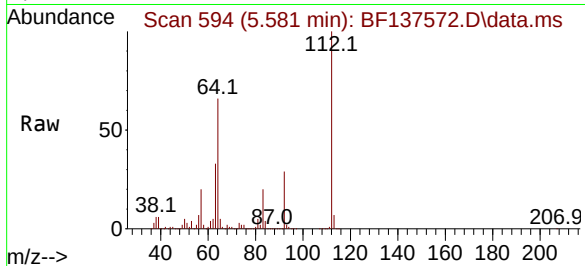




#5
2-Fluorophenol
Concen: 113.736 ng
RT: 5.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

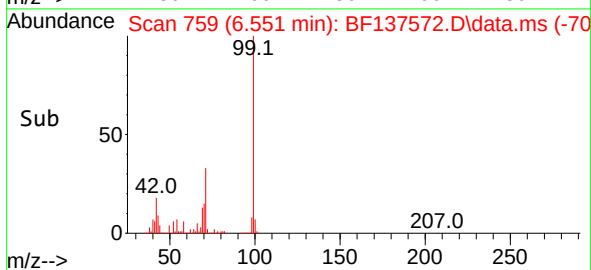
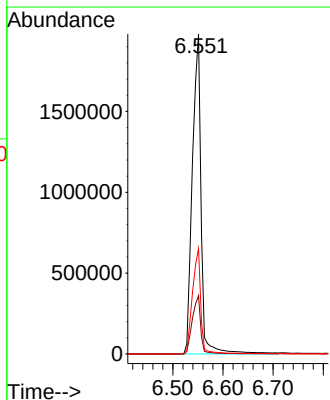
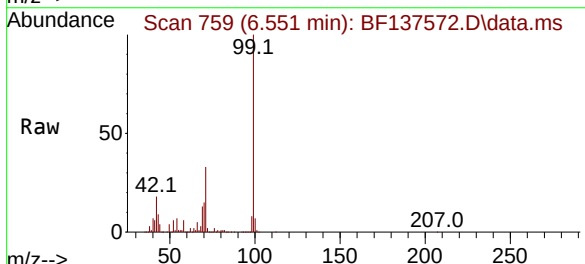
Instrument :
BNA_F
ClientSampleId :
PB159549BL

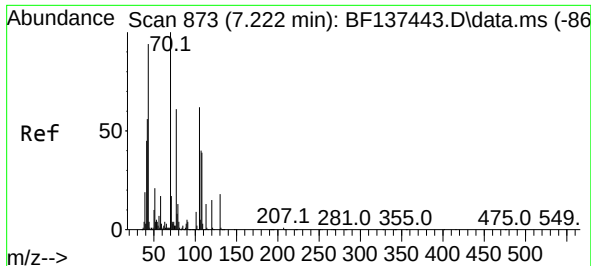
Tgt Ion:112 Resp: 1802398
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 32.7 26.2 39.2



#7
Phenol-d6
Concen: 104.919 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion: 99 Resp: 2400025
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 32.9 25.3 37.9



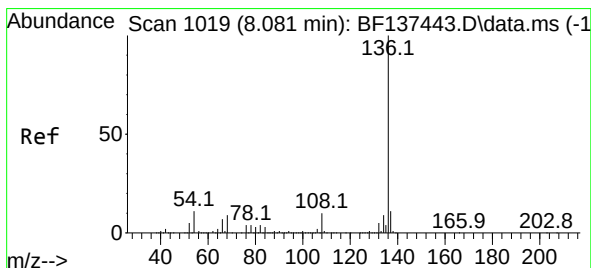
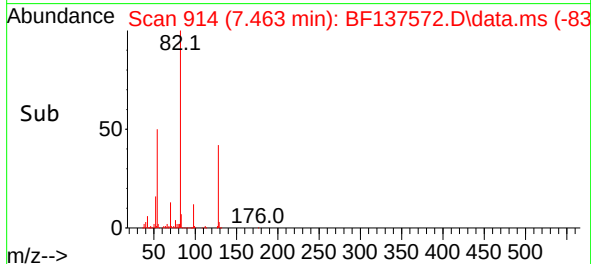
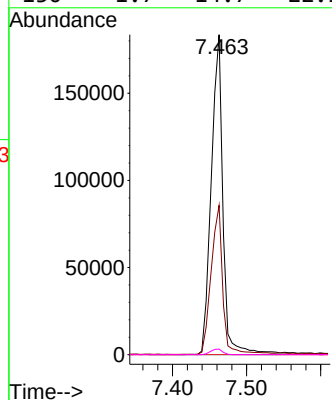
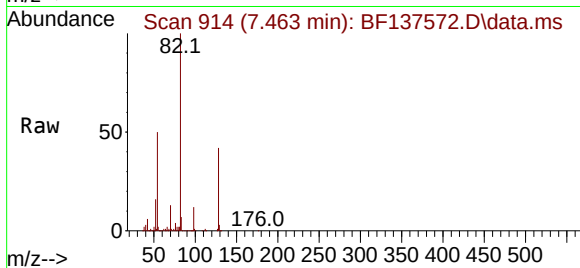


#19
n-Nitroso-di-n-propylamine
Concen: 14.214 ng
RT: 7.463 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Instrument :
BNA_F
ClientSampleId :
PB159549BL

Tgt Ion: 70 Resp: 200788

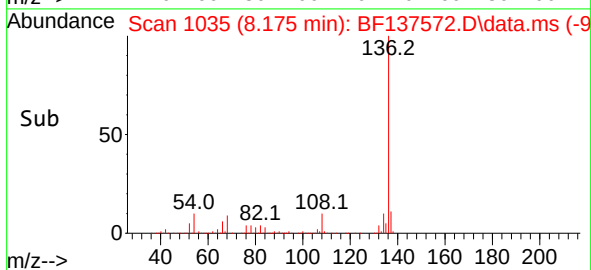
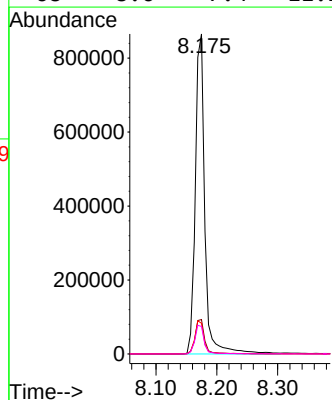
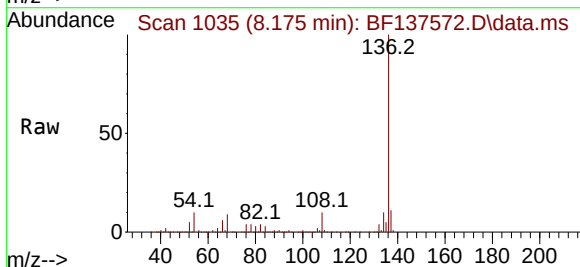
Ion	Ratio	Lower	Upper
70	100		
42	46.6	45.2	67.8
101	0.0	7.3	10.9#
130	1.7	14.7	22.1#

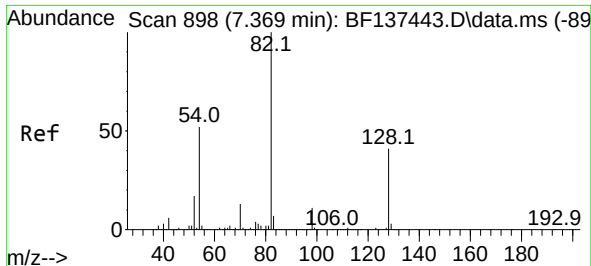


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion: 136 Resp: 936243

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.6	8.5	12.7
68	8.6	7.4	11.2





#23

Nitrobenzene-d5

Concen: 76.861 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB159549BL

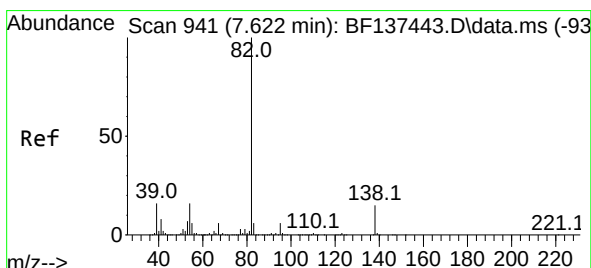
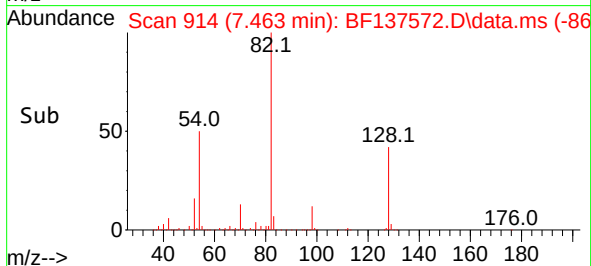
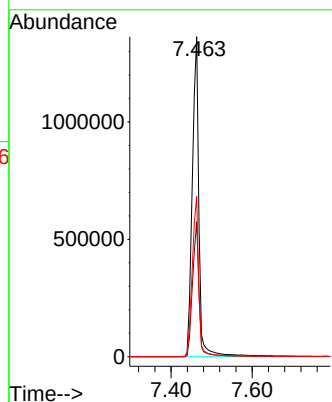
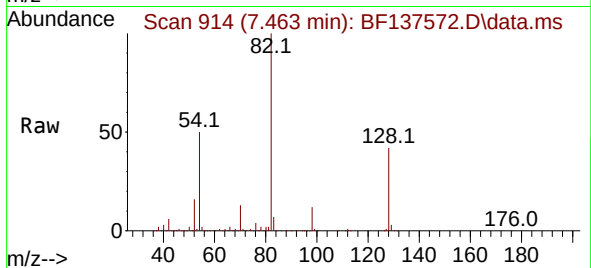
Tgt Ion: 82 Resp: 1548728

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 50.1 41.5 62.3



#25

Isophorone

Concen: 40.370 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.259 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

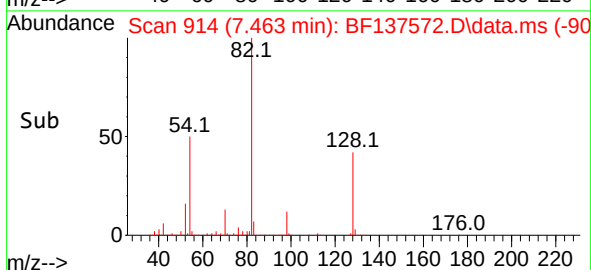
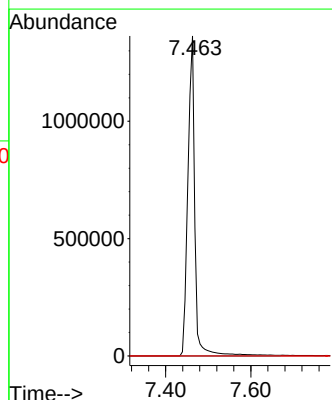
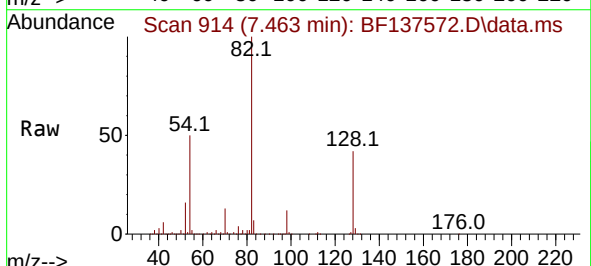
Tgt Ion: 82 Resp: 1545427

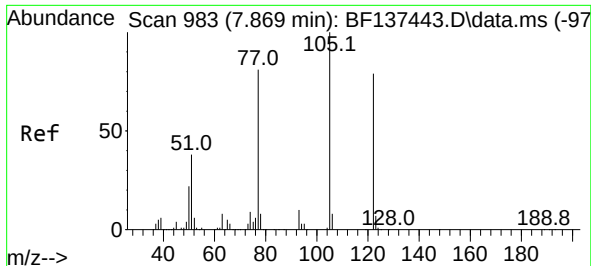
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

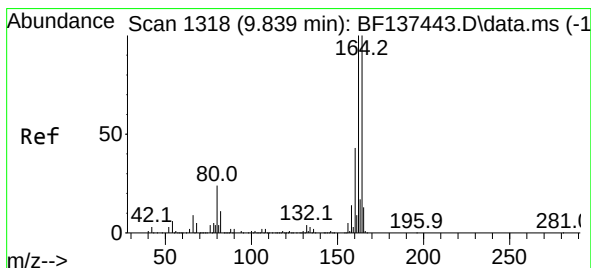
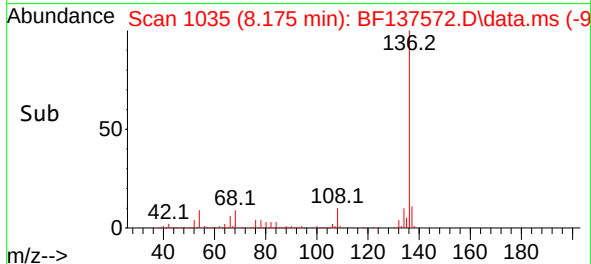
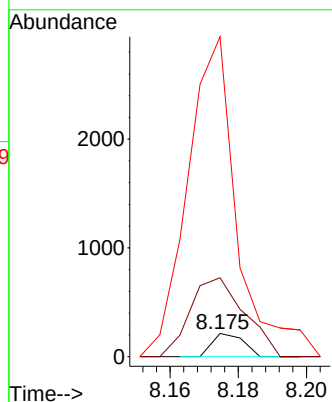
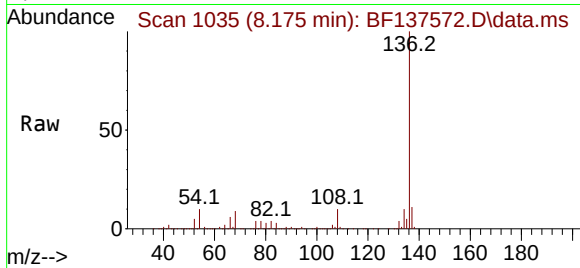




#32
Benzoic acid
Concen: 6.312 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.194 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

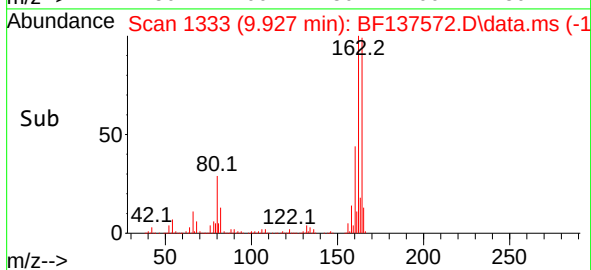
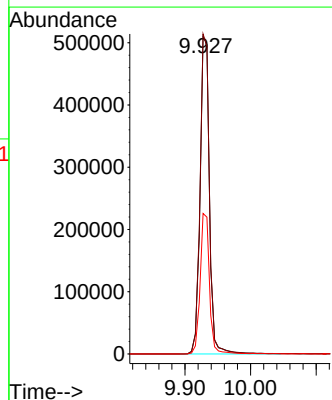
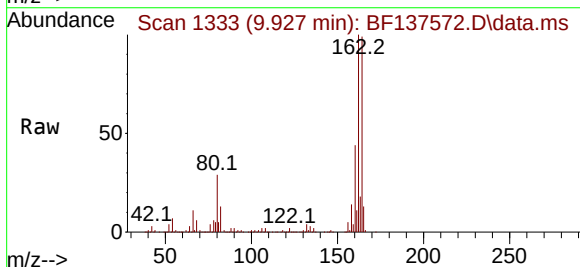
Instrument :
BNA_F
ClientSampleId :
PB159549BL

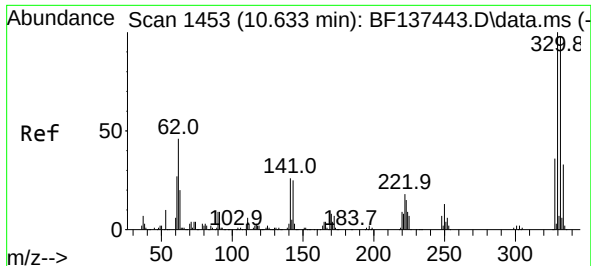
Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 339.3 102.4 142.4#
77 1374.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion:164 Resp: 506669
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.027 ng

RT: 10.727 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB159549BL

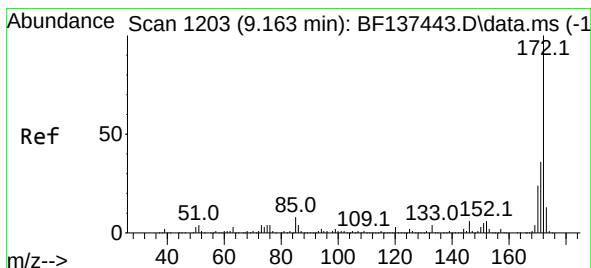
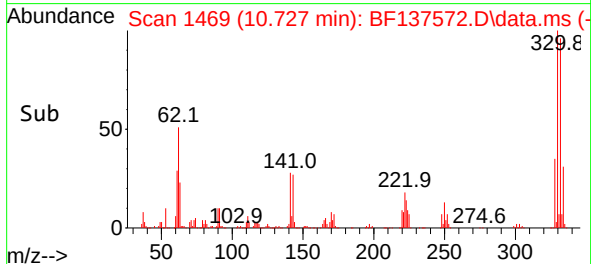
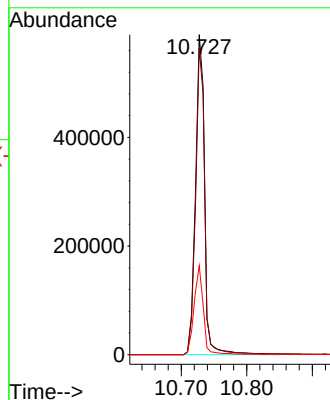
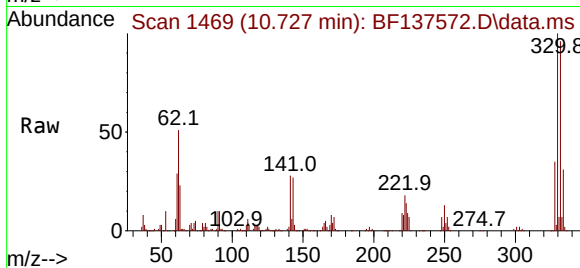
Tgt Ion:330 Resp: 569649

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 28.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 76.837 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

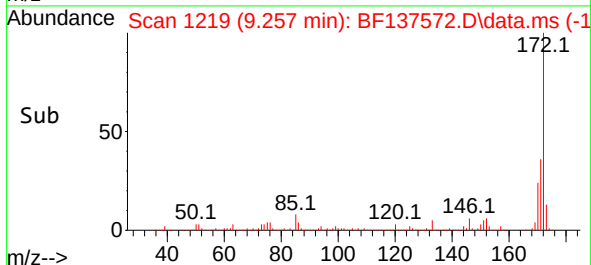
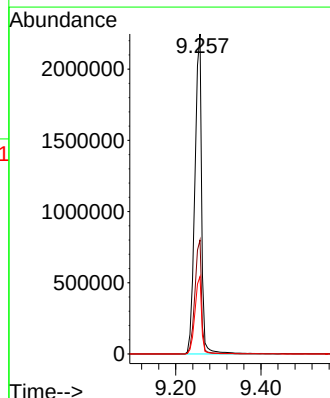
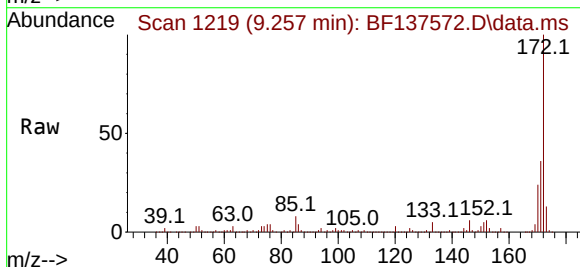
Tgt Ion:172 Resp: 2487010

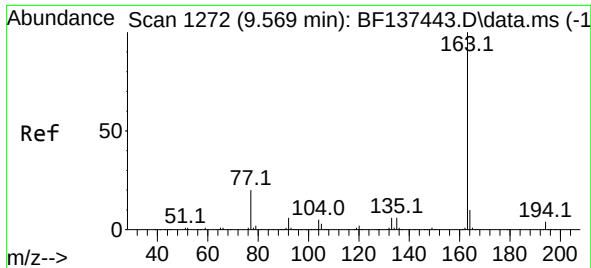
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.2 19.0 28.6

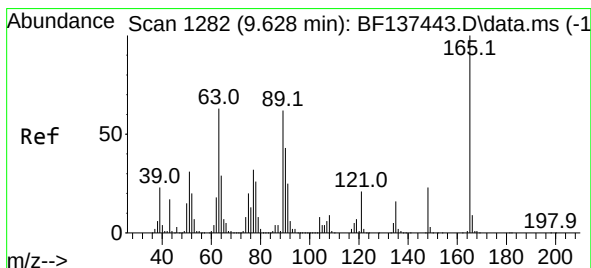
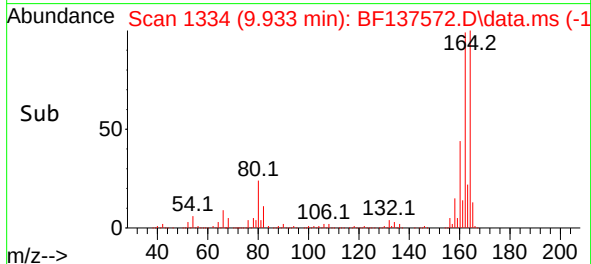
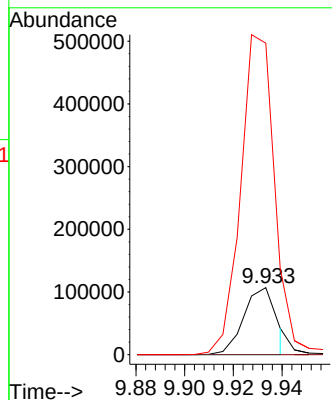
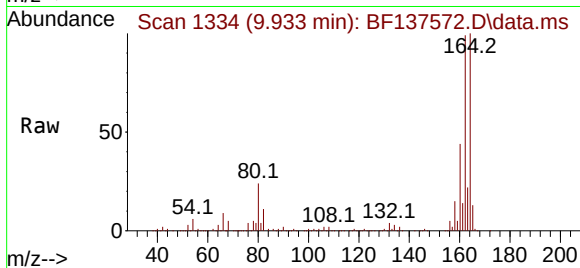




#50
Dimethylphthalate
Concen: 2.815 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

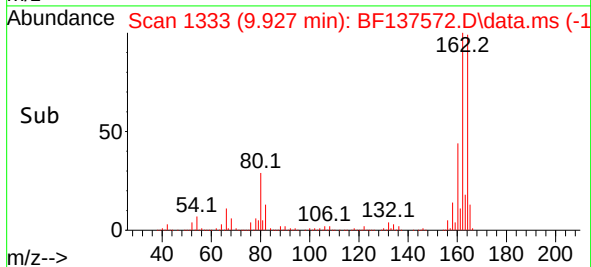
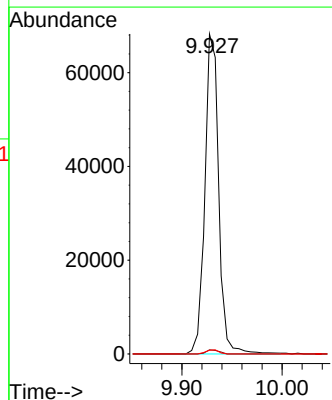
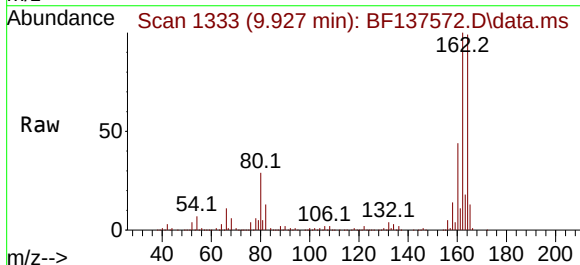
Instrument :
BNA_F
ClientSampleId :
PB159549BL

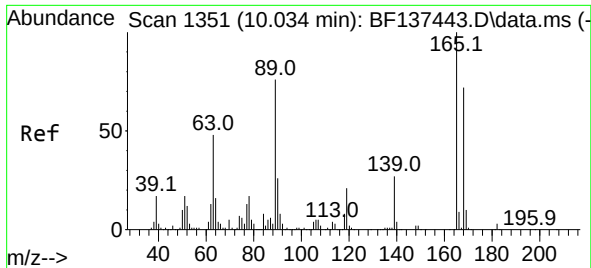
Tgt Ion:163 Resp: 99269
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 464.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.901 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.200 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion:165 Resp: 65665
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 1.2 50.0 75.0#

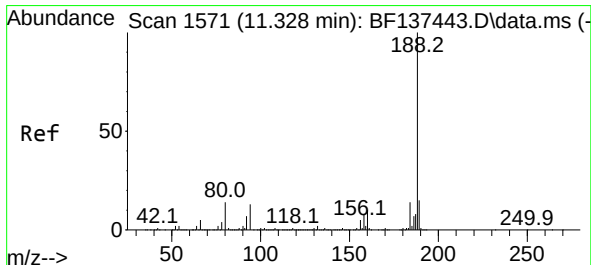
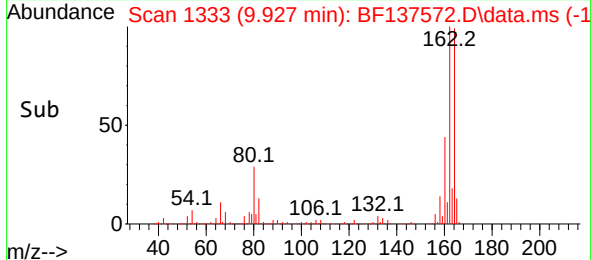
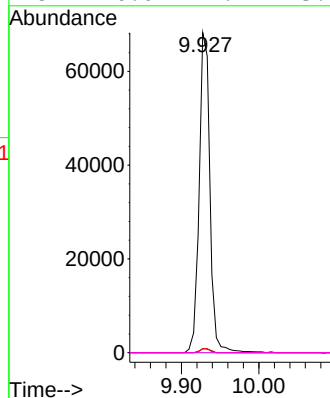
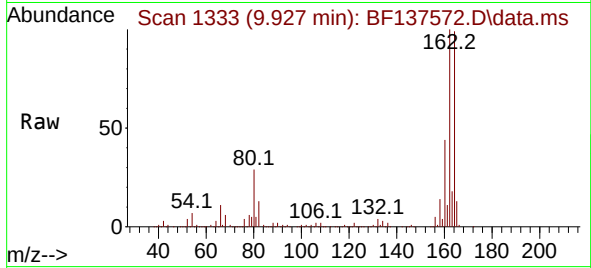




#57
2,4-Dinitrotoluene
Concen: 7.258 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

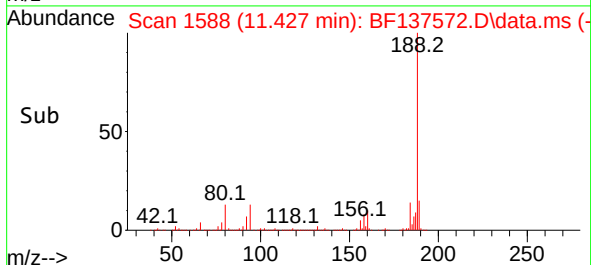
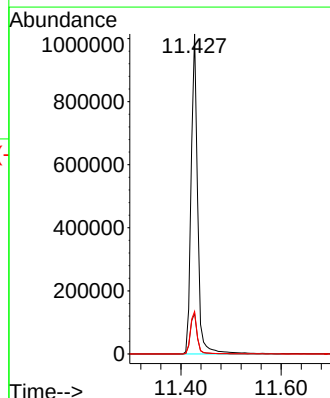
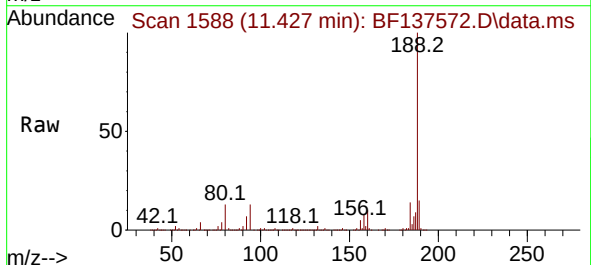
Instrument :
BNA_F
ClientSampleId :
PB159549BL

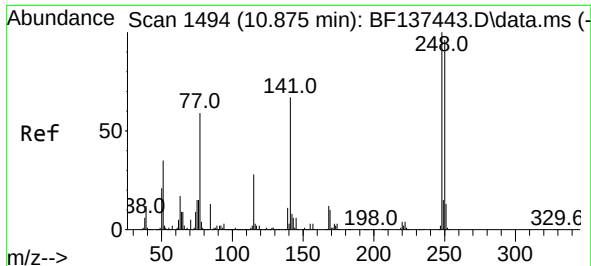
Tgt Ion:165 Resp: 65785
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion:188 Resp: 911507
Ion Ratio Lower Upper
188 100
94 12.7 10.6 15.8
80 13.3 11.5 17.3

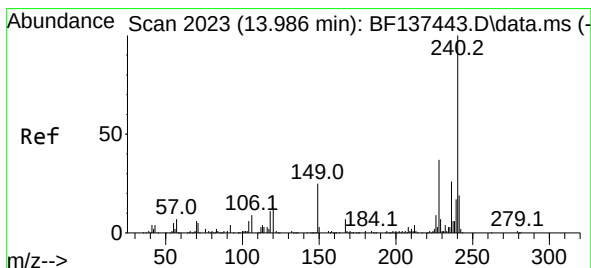
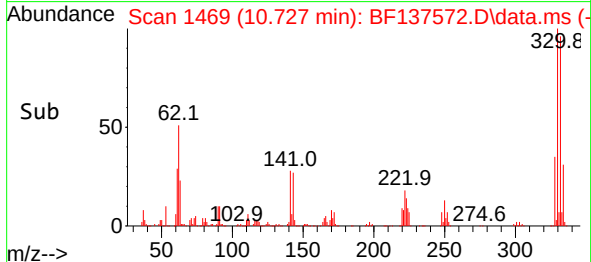
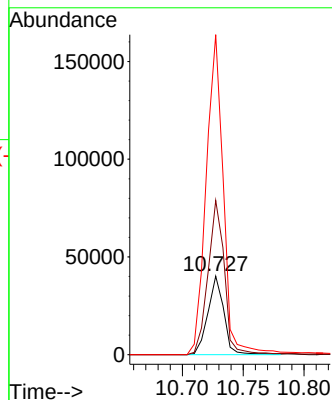
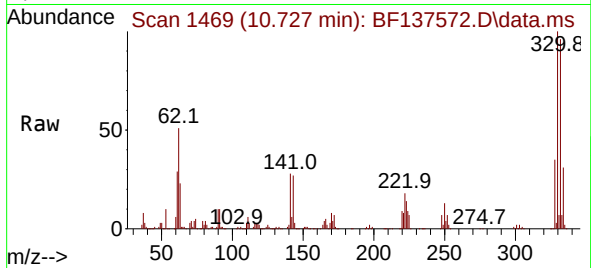




#67
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 10.727 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

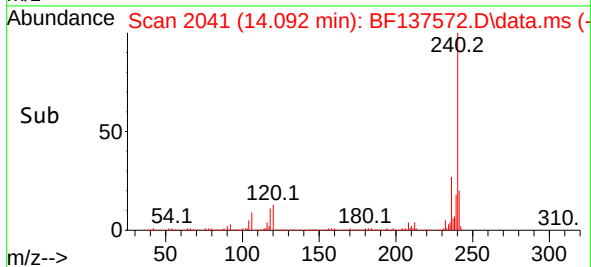
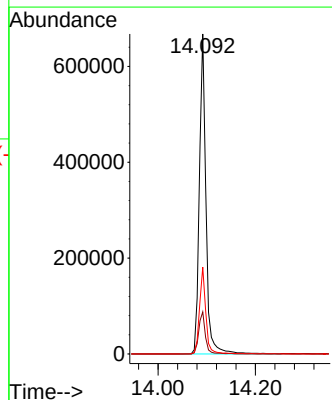
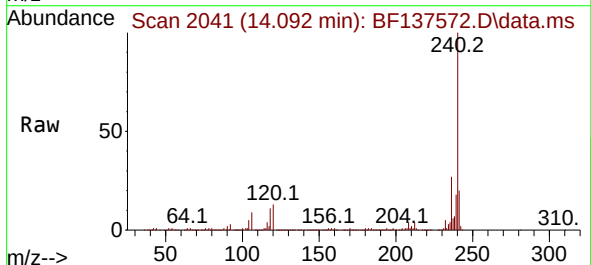
Instrument :
BNA_F
ClientSampleId :
PB159549BL

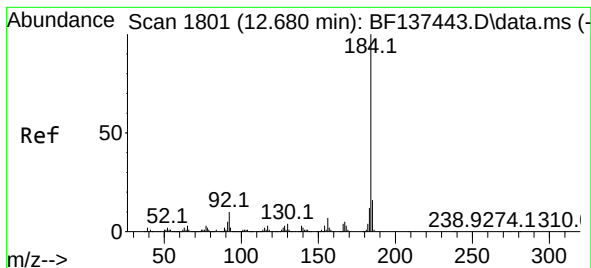
Tgt Ion:248 Resp: 36794
Ion Ratio Lower Upper
248 100
250 196.4 76.8 115.2#
141 407.6 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion:240 Resp: 634047
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 27.1 20.9 31.3





#77

Benzidine

Concen: 2.244 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.253 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB159549BL

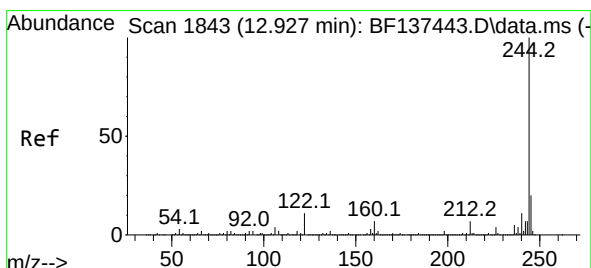
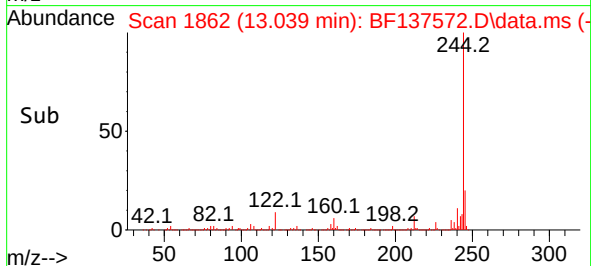
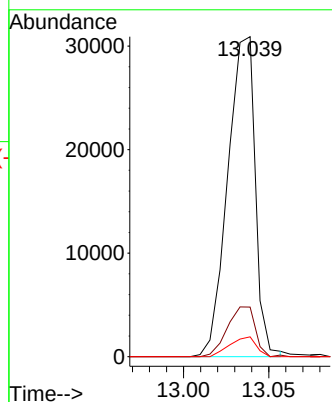
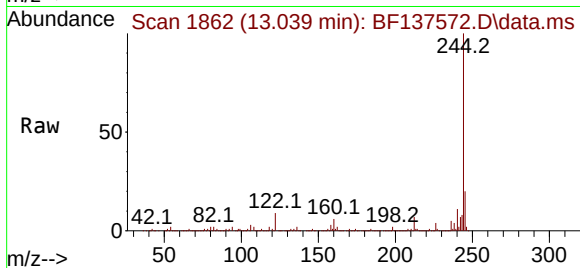
Tgt Ion:184 Resp: 34819

Ion Ratio Lower Upper

184 100

185 15.5 13.2 19.8

183 6.2 9.3 13.9#



#79

Terphenyl-d14

Concen: 65.164 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.000 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

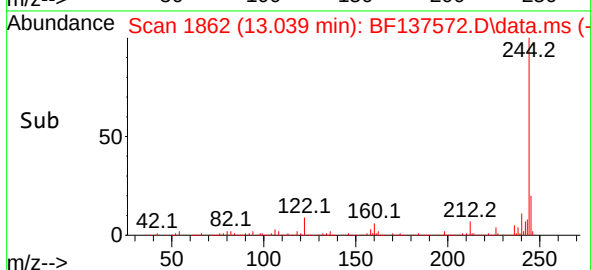
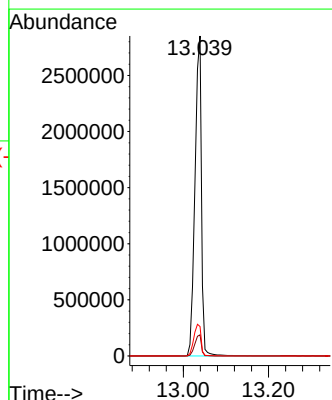
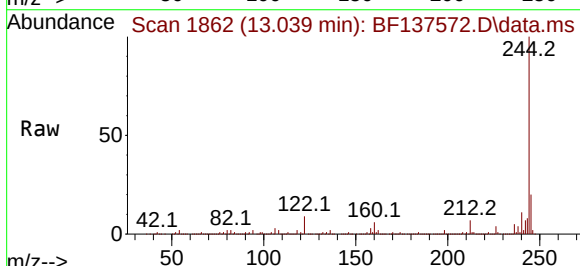
Tgt Ion:244 Resp: 3004661

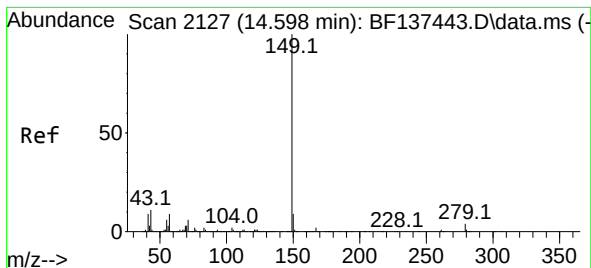
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.2 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.622 ng

RT: 14.715 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB159549BL

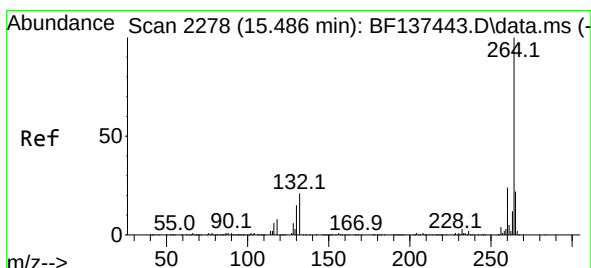
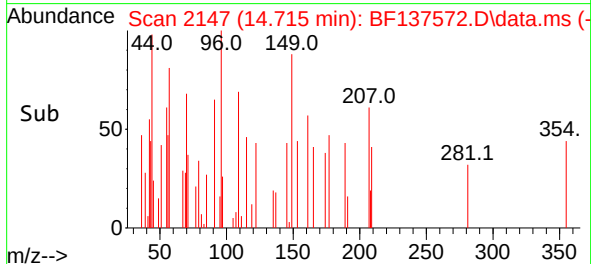
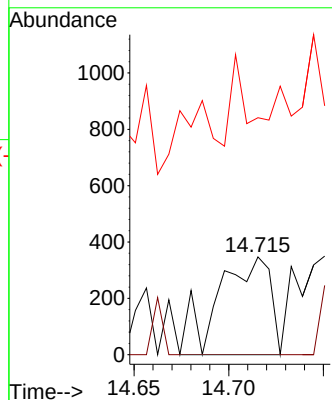
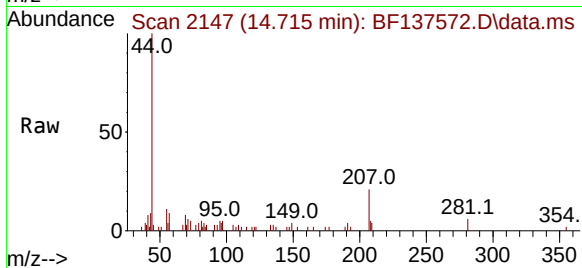
Tgt Ion:149 Resp: 667

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: 15.645 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Tgt Ion:264 Resp: 494474

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.6 17.4 26.0

