

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137477.D
 Acq On : 04 Mar 2024 13:17
 Operator : CG\JU
 Sample : PB159412BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159412BL

Quant Time: Mar 04 13:41:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

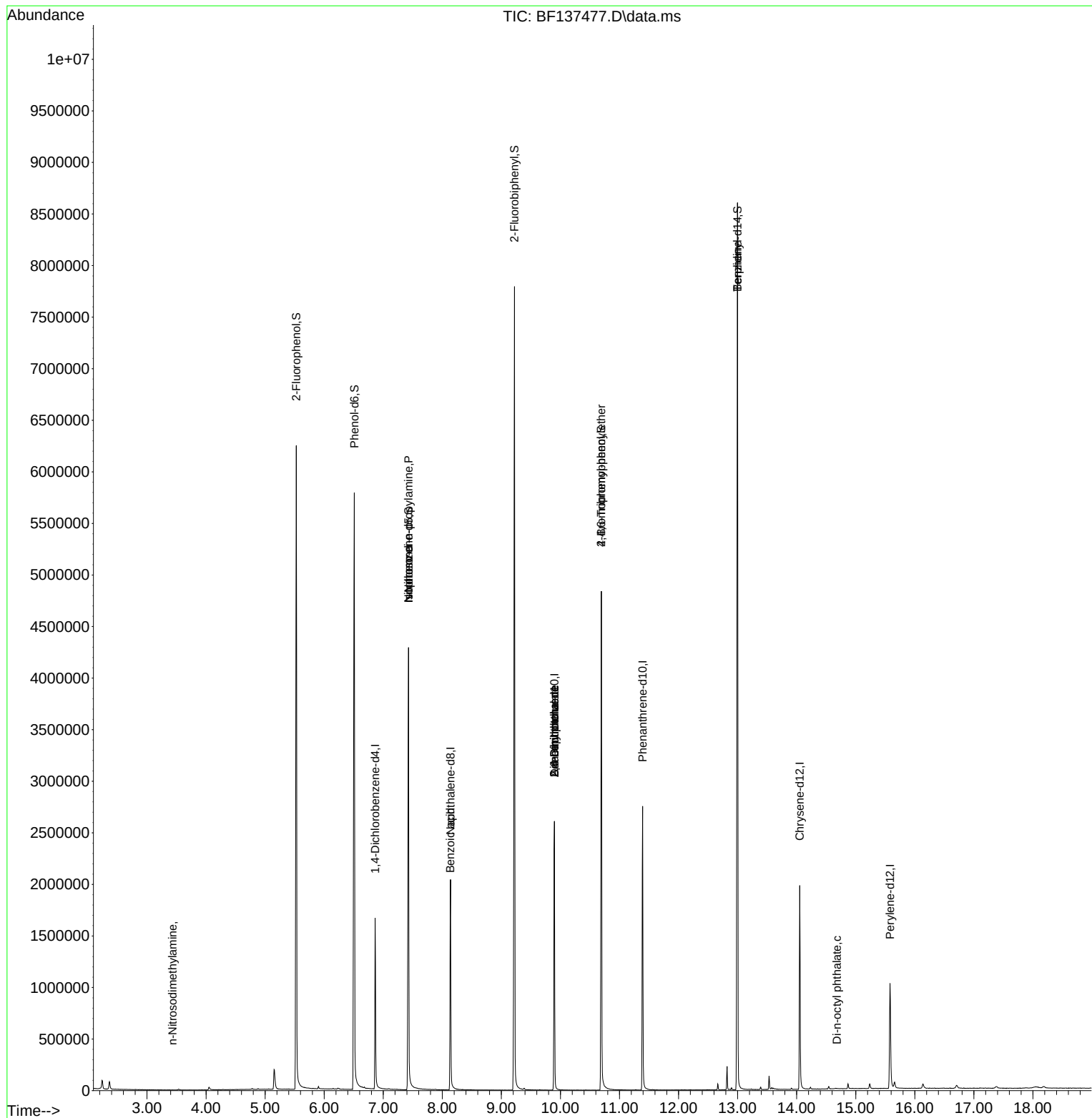
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	239417	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	967598	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	541131	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1014736	20.000	ng	0.00
76) Chrysene-d12	14.051	240	679826	20.000	ng	0.00
86) Perylene-d12	15.580	264	517566	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1838017	116.272	ng	0.02
7) Phenol-d6	6.510	99	2521656	110.510	ng	0.00
23) Nitrobenzene-d5	7.428	82	1604648	77.055	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	626638	131.866	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2602316	75.279	ng	0.00
79) Terphenyl-d14	12.998	244	3391737	68.606	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.434	42	261	3.837	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	210846	14.964	ng	# 81
25) Isophorone	7.428	82	1604641	40.559	ng	# 69
32) Benzoic acid	8.134	122	157	6.314	ng	# 1
50) Dimethylphthalate	9.898	163	108135	2.871	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	70672	8.970	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	70672	7.301	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	40775	3.689	ng	# 1
77) Benzidine	12.998	184	39791	2.392	ng	# 93
85) Di-n-octyl phthalate	14.680	149	282	5.613	ng	# 1

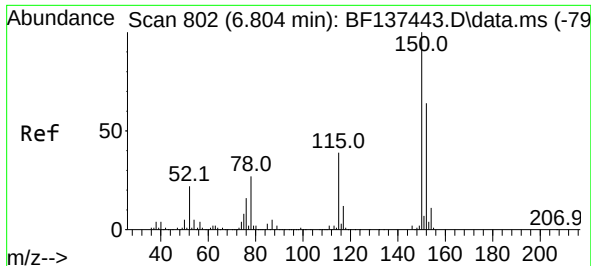
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137477.D
Acq On : 04 Mar 2024 13:17
Operator : CG\JU
Sample : PB159412BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159412BL

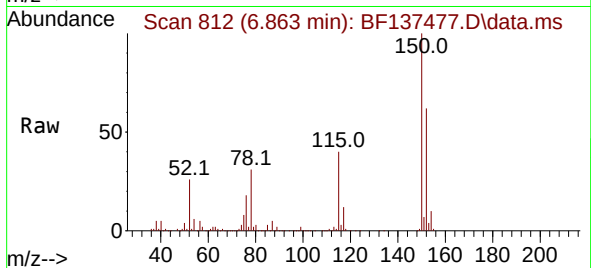
Quant Time: Mar 04 13:41:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration



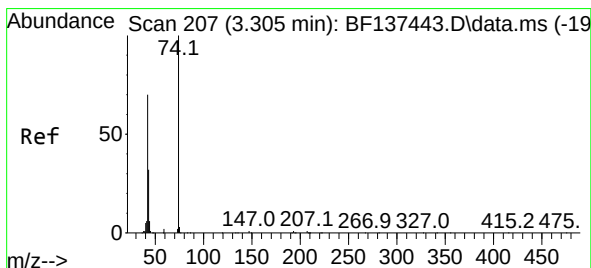
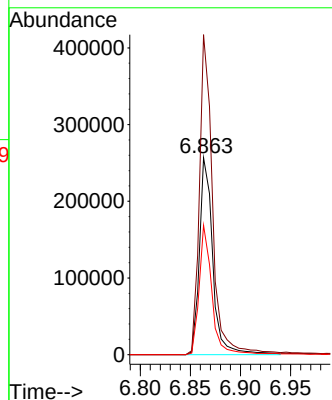
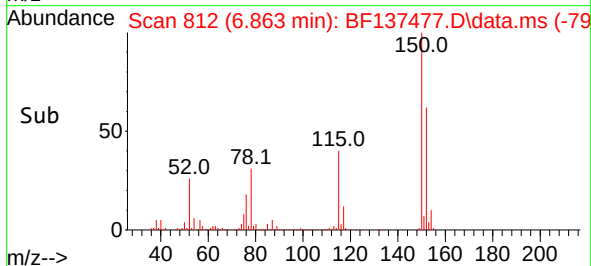


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

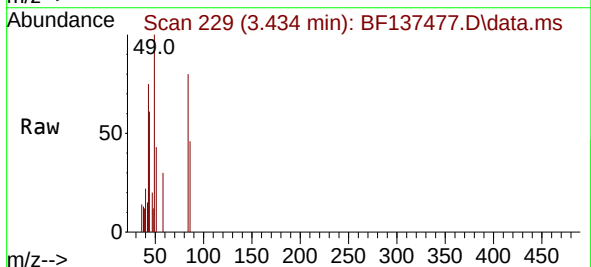
Instrument :
BNA_F
ClientSampleId :
PB159412BL



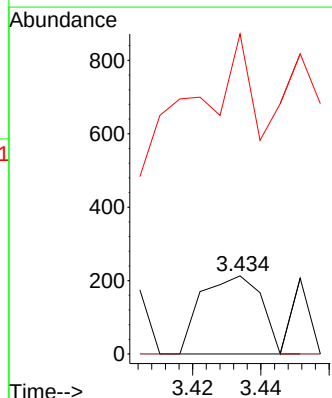
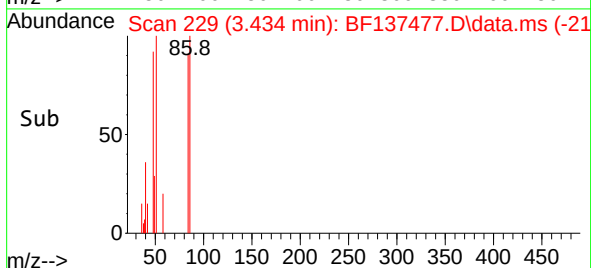
Tgt Ion:152 Resp: 239417
Ion Ratio Lower Upper
152 100
150 162.5 125.8 188.6
115 65.7 48.8 73.2

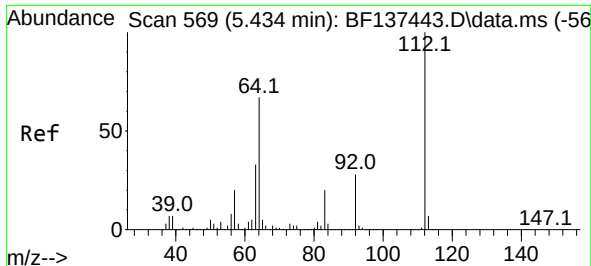


#4
n-Nitrosodimethylamine
Concen: 3.837 ng
RT: 3.434 min Scan# 229
Delta R.T. -0.012 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17



Tgt Ion: 42 Resp: 261
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 409.4 7.0 10.4#

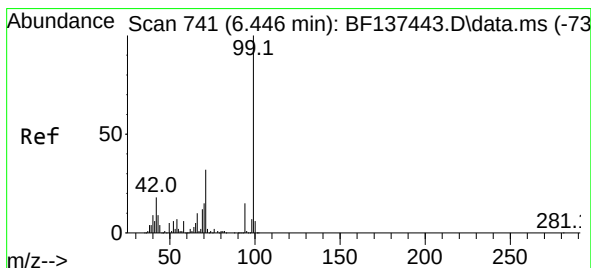
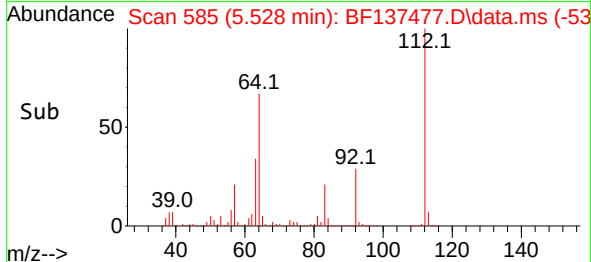
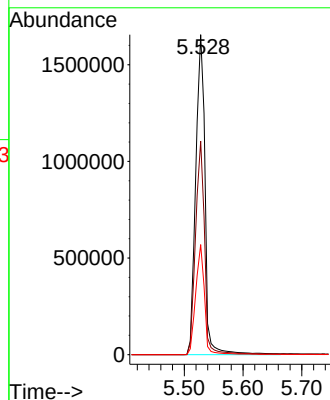
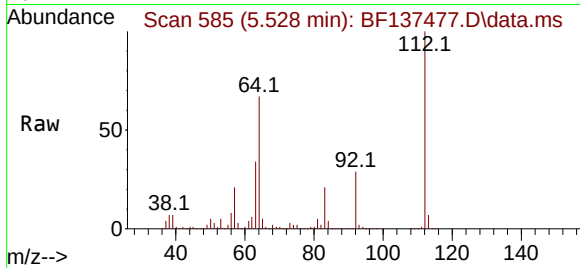




#5
2-Fluorophenol
Concen: 116.272 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

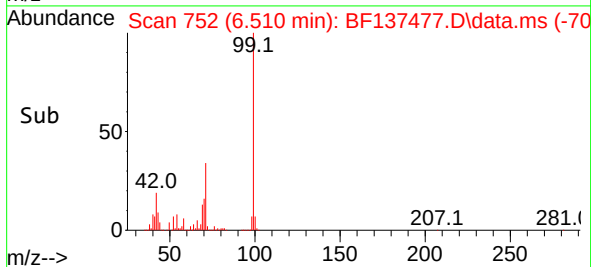
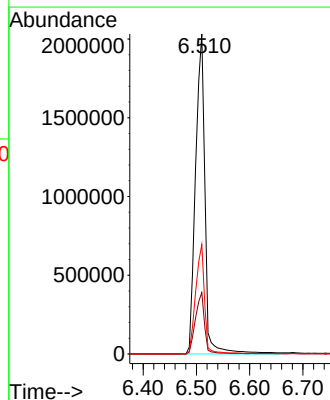
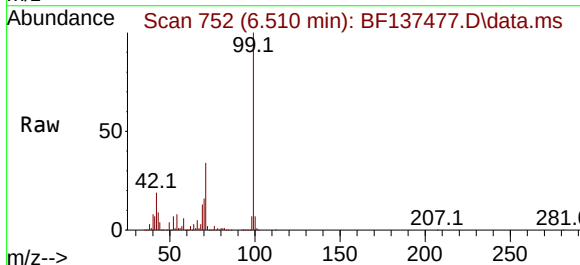
Instrument :
BNA_F
ClientSampleId :
PB159412BL

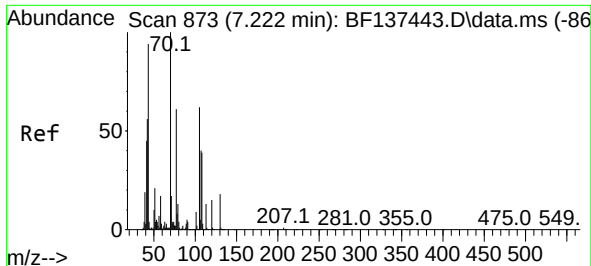
Tgt Ion:112 Resp: 1838017
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.2
63 34.4 26.2 39.2



#7
Phenol-d6
Concen: 110.510 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

Tgt Ion: 99 Resp: 2521656
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 34.2 25.3 37.9



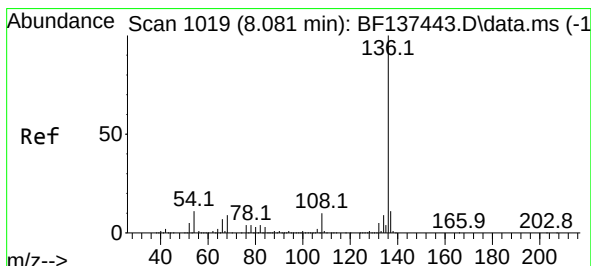
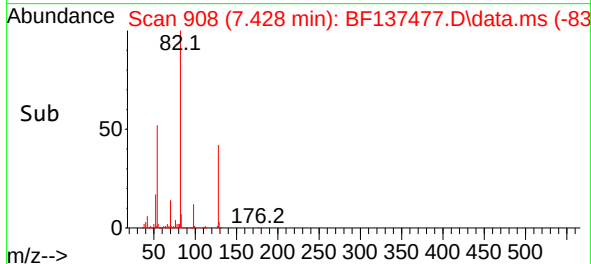
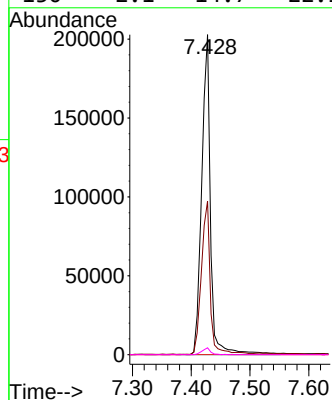
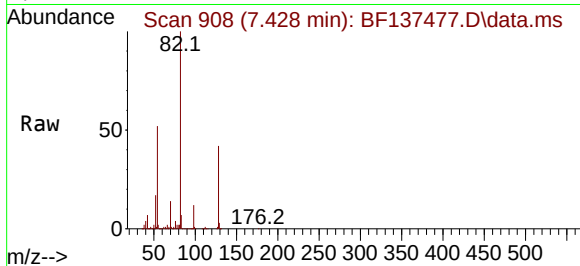


#19
n-Nitroso-di-n-propylamine
Concen: 14.964 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159412BL

Tgt Ion: 70 Resp: 210846

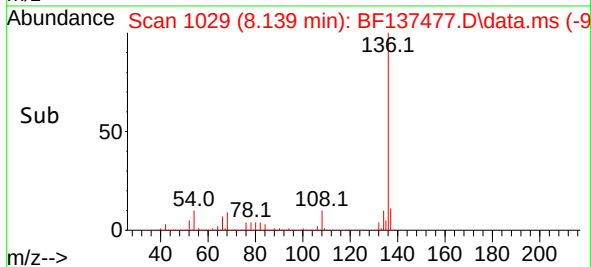
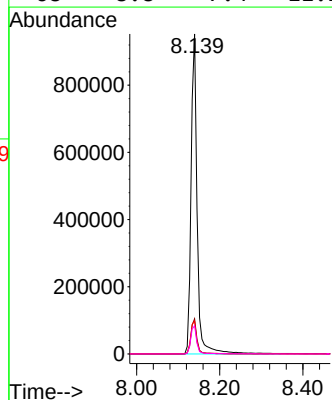
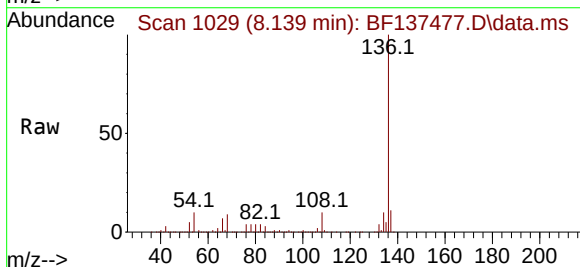
Ion	Ratio	Lower	Upper
70	100		
42	48.0	45.2	67.8
101	0.0	7.3	10.9#
130	2.1	14.7	22.1#

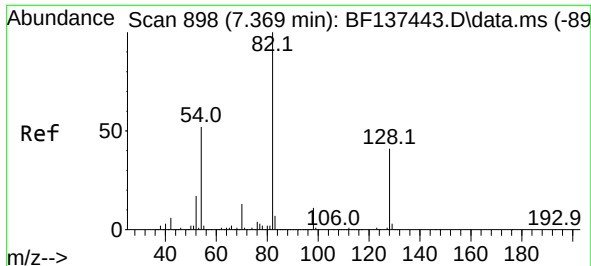


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

Tgt Ion: 136 Resp: 967598

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.3	8.5	12.7
68	8.8	7.4	11.2





#23

Nitrobenzene-d5

Concen: 77.055 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159412BL

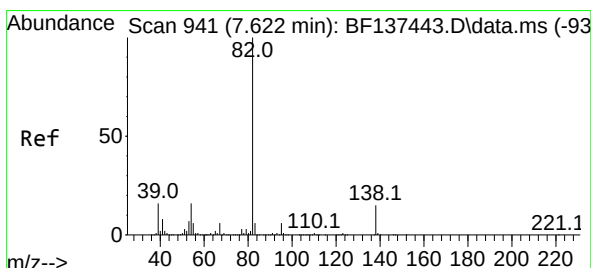
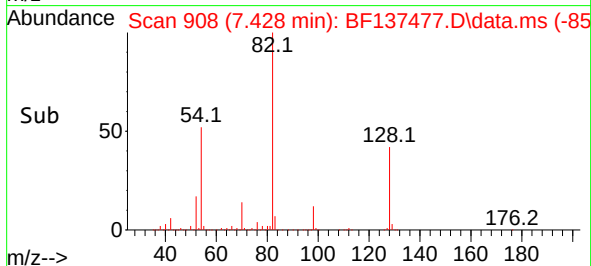
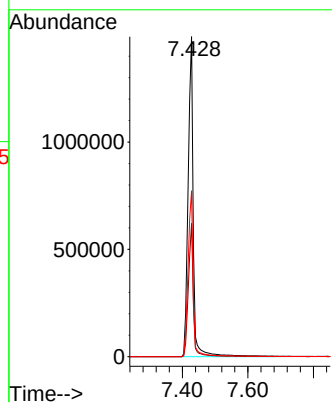
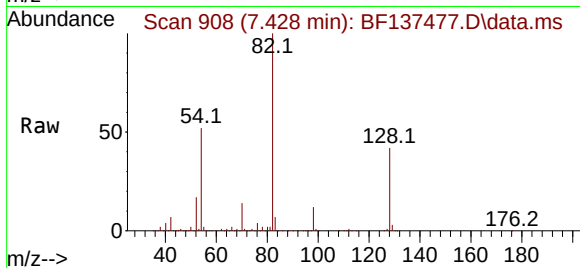
Tgt Ion: 82 Resp: 1604648

Ion Ratio Lower Upper

82 100

128 41.6 32.5 48.7

54 51.8 41.5 62.3



#25

Isophorone

Concen: 40.559 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.253 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

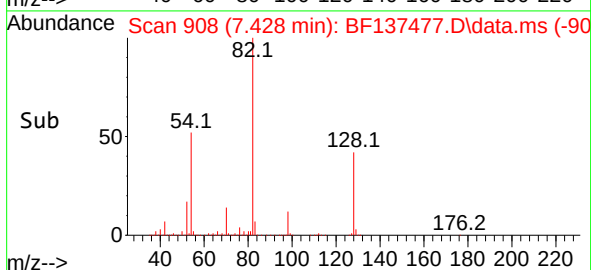
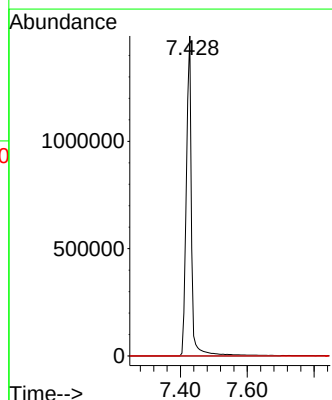
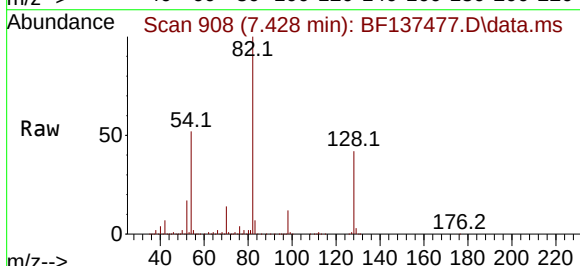
Tgt Ion: 82 Resp: 1604641

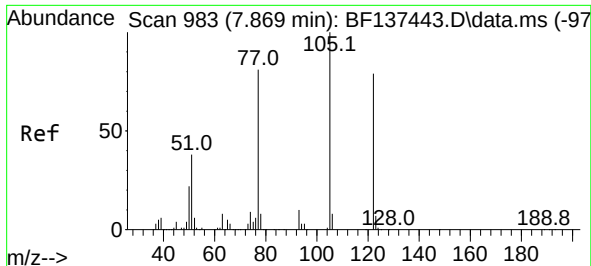
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#





#32

Benzoic acid

Concen: 6.314 ng

RT: 8.134 min Scan# 1028

Delta R.T. 0.206 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159412BL

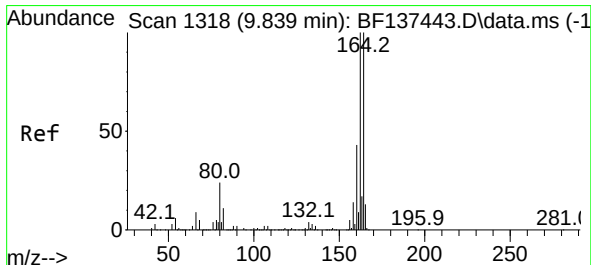
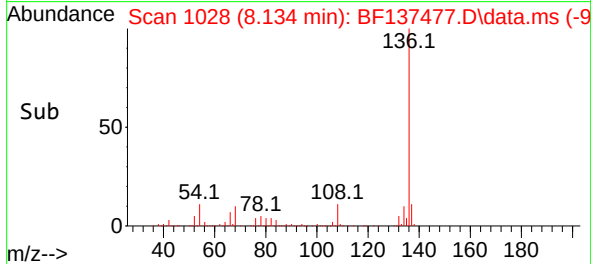
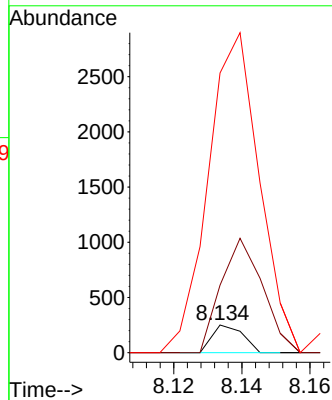
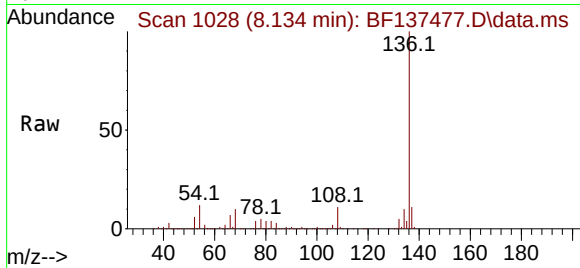
Tgt Ion:122 Resp: 157

Ion Ratio Lower Upper

122 100

105 244.8 102.4 142.4#

77 1013.2 81.1 121.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

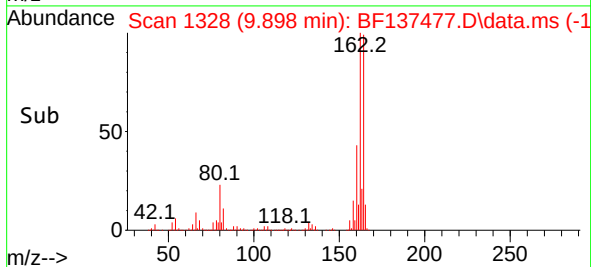
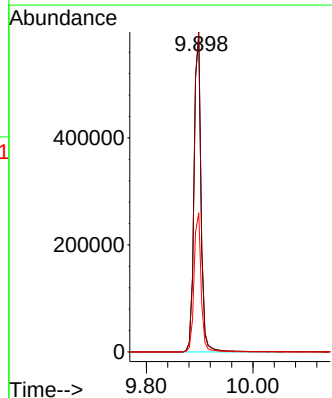
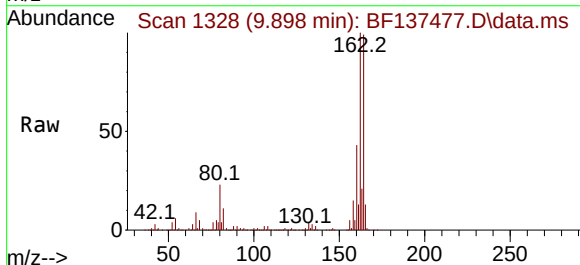
Tgt Ion:164 Resp: 541131

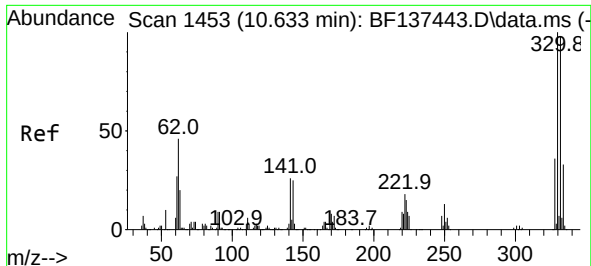
Ion Ratio Lower Upper

164 100

162 101.3 79.8 119.8

160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 131.866 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159412BL

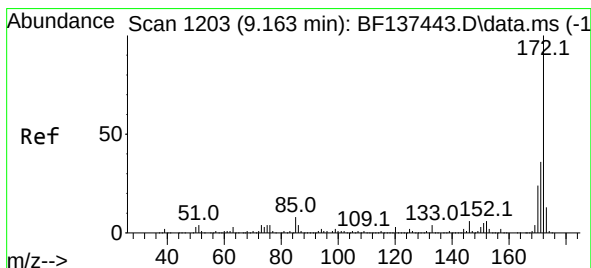
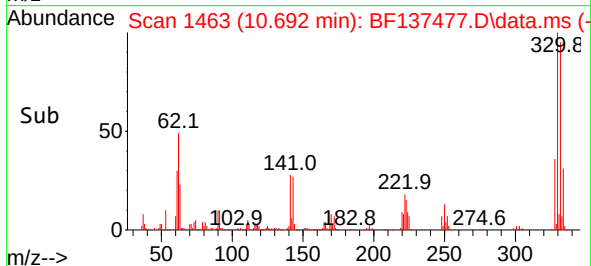
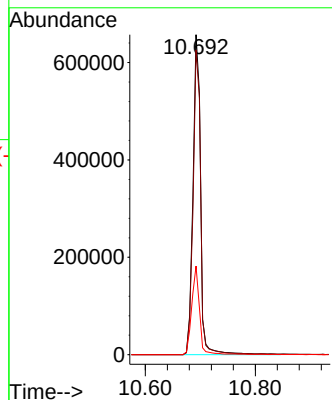
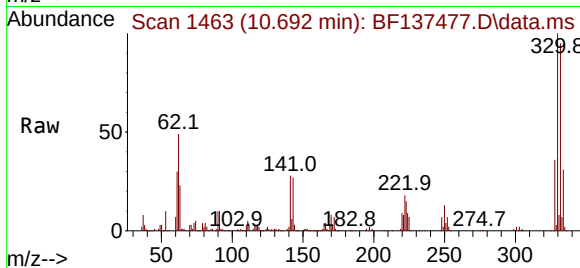
Tgt Ion:330 Resp: 626638

Ion Ratio Lower Upper

330 100

332 94.7 78.0 117.0

141 28.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 75.279 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

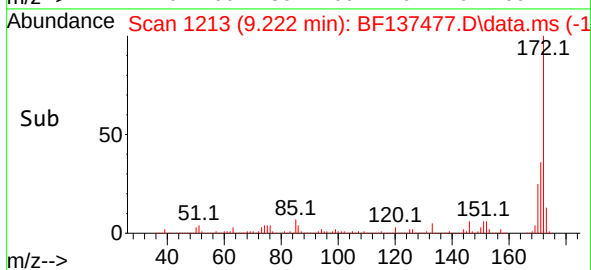
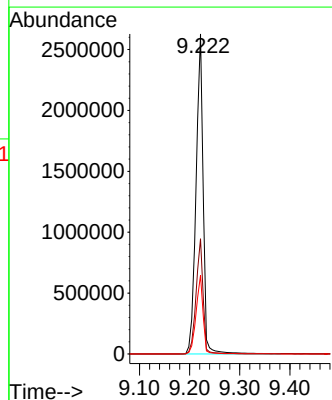
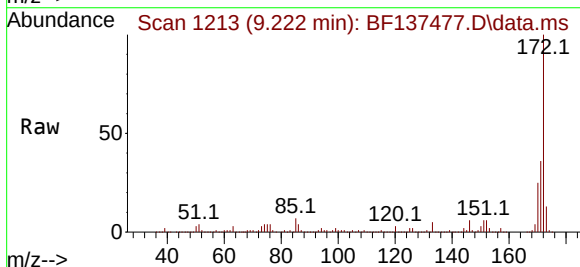
Tgt Ion:172 Resp: 2602316

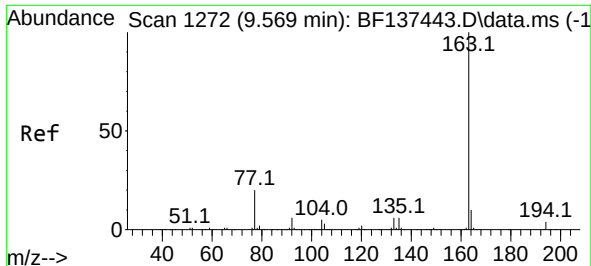
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.6 19.0 28.6

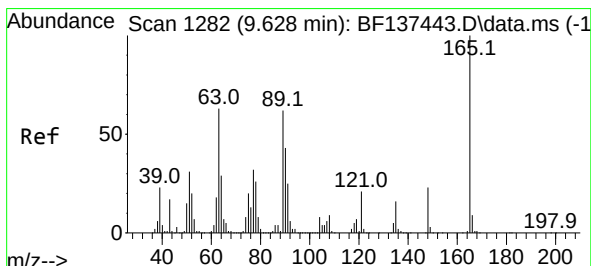
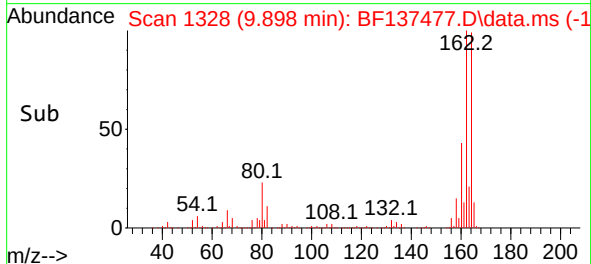
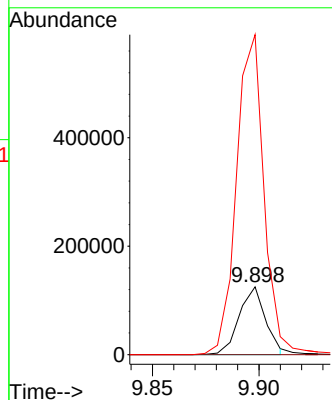
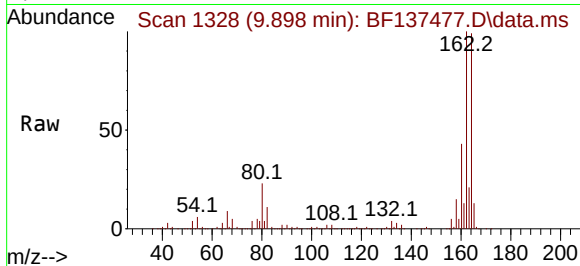




#50
Dimethylphthalate
Concen: 2.871 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

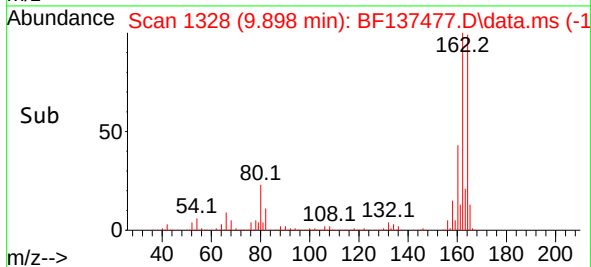
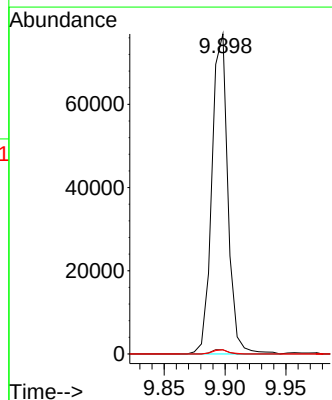
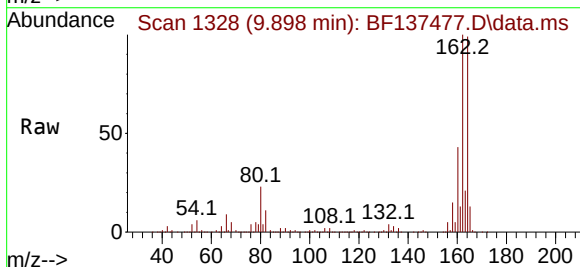
Instrument :
BNA_F
ClientSampleId :
PB159412BL

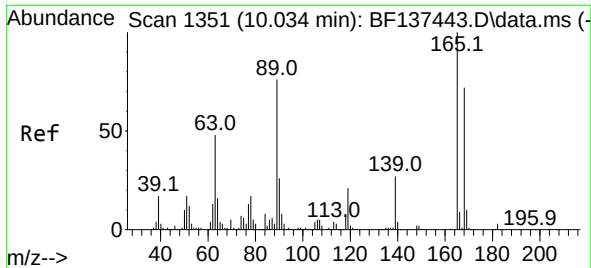
Tgt Ion:163 Resp: 108135
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 471.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.970 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

Tgt Ion:165 Resp: 70672
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 1.3 50.0 75.0#

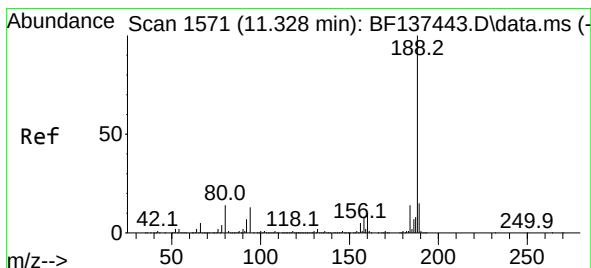
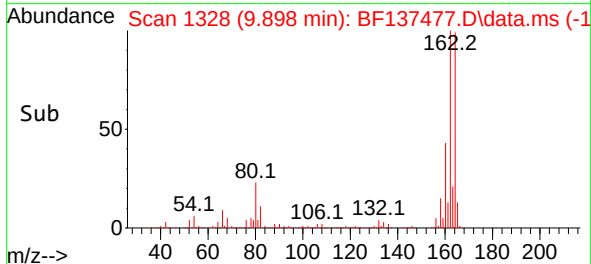
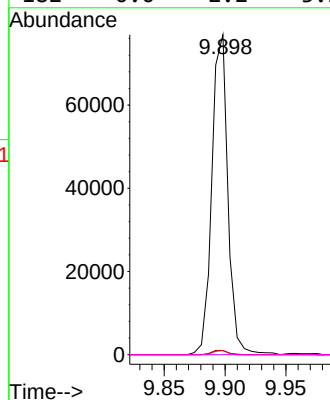
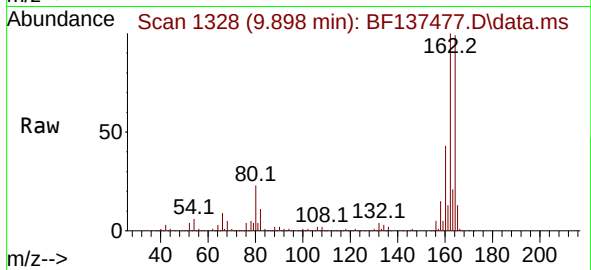




#57
2,4-Dinitrotoluene
Concen: 7.301 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

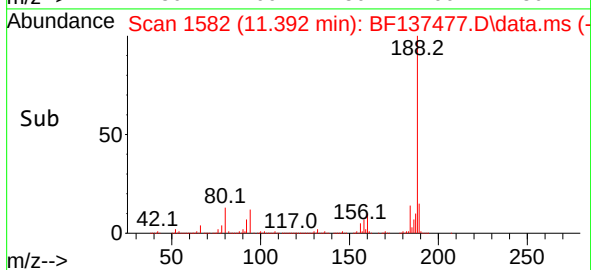
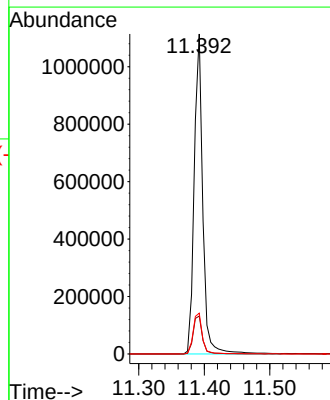
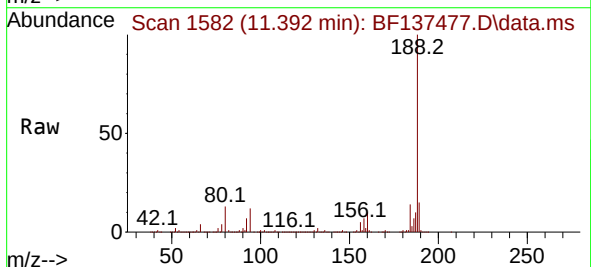
Instrument :
BNA_F
ClientSampleId :
PB159412BL

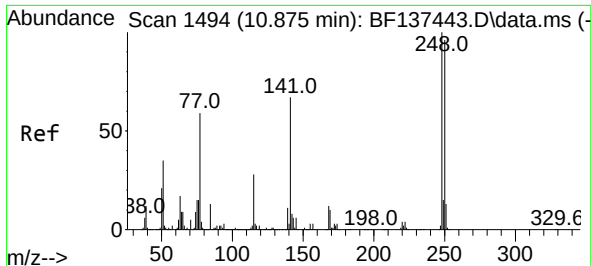
Tgt Ion:165 Resp: 70672
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.3 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

Tgt Ion:188 Resp: 1014736
Ion Ratio Lower Upper
188 100
94 11.9 10.6 15.8
80 12.7 11.5 17.3

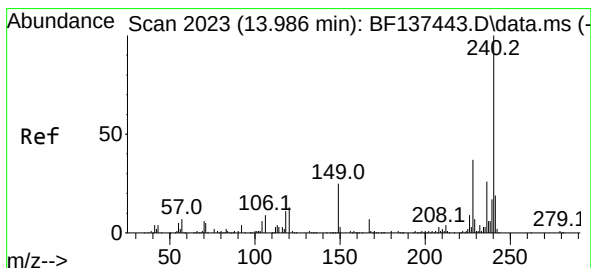
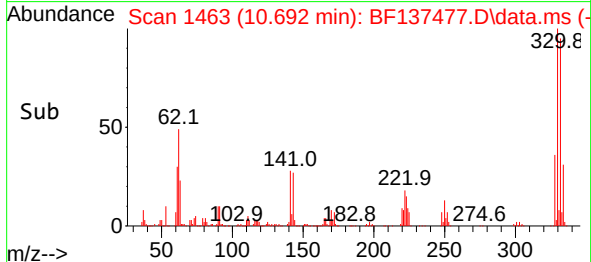
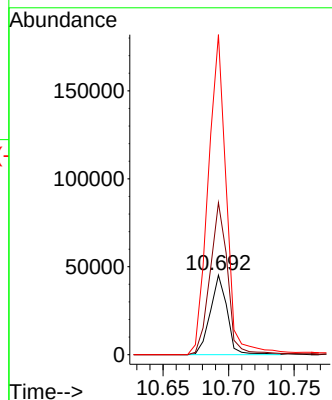
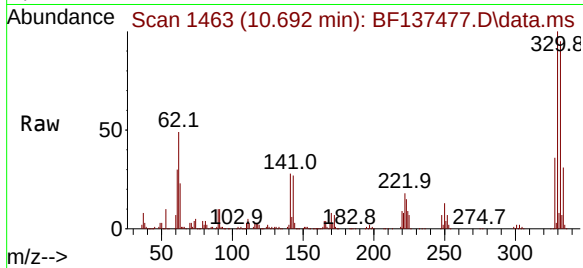




#67
4-Bromophenyl-phenylether
Concen: 3.689 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

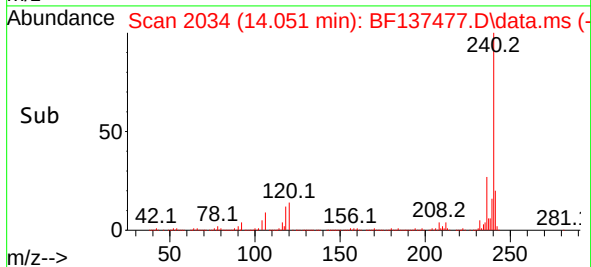
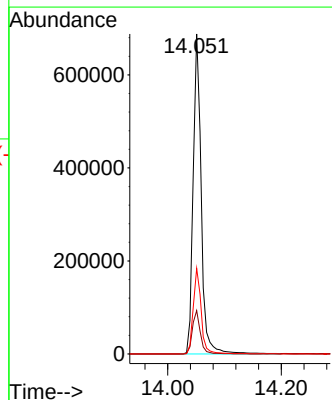
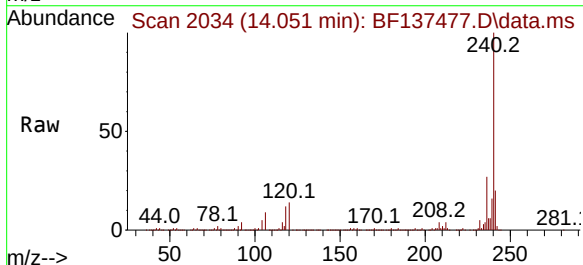
Instrument :
BNA_F
ClientSampleId :
PB159412BL

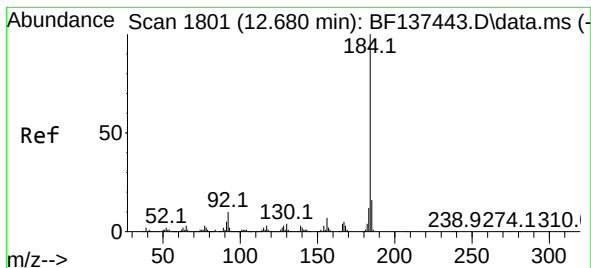
Tgt Ion:248 Resp: 40775
Ion Ratio Lower Upper
248 100
250 191.2 76.8 115.2#
141 402.3 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF137477.D
Acq: 04 Mar 2024 13:17

Tgt Ion:240 Resp: 679826
Ion Ratio Lower Upper
240 100
120 13.6 10.4 15.6
236 26.7 20.9 31.3





#77

Benzidine

Concen: 2.392 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.259 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159412BL

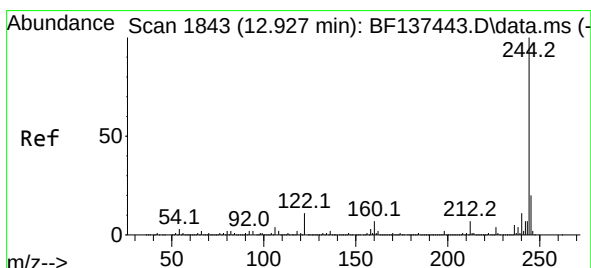
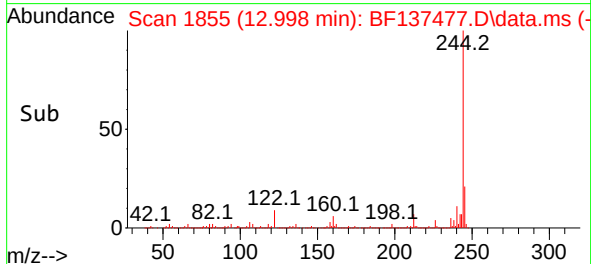
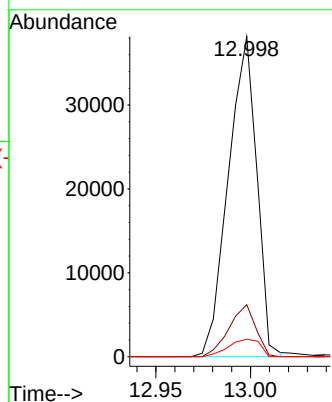
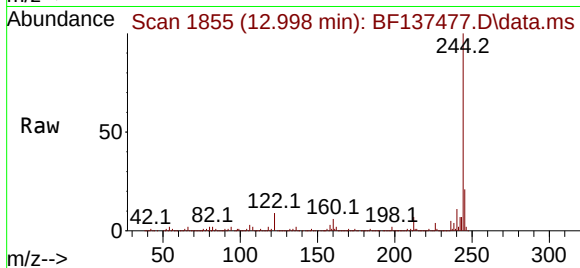
Tgt Ion:184 Resp: 39791

Ion Ratio Lower Upper

184 100

185 16.3 13.2 19.8

183 5.4 9.3 13.9#



#79

Terphenyl-d14

Concen: 68.606 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

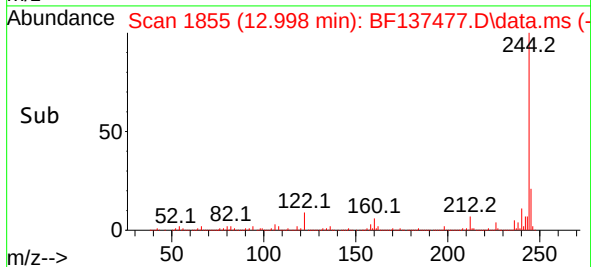
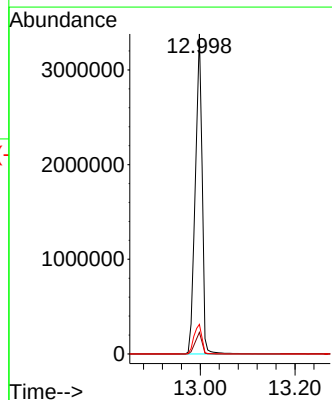
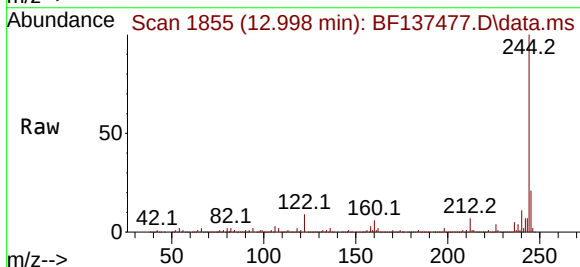
Tgt Ion:244 Resp: 3391737

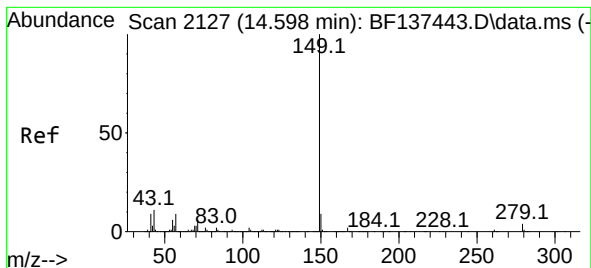
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.3 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.613 ng

RT: 14.680 min Scan# 2127

Delta R.T. 0.018 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159412BL

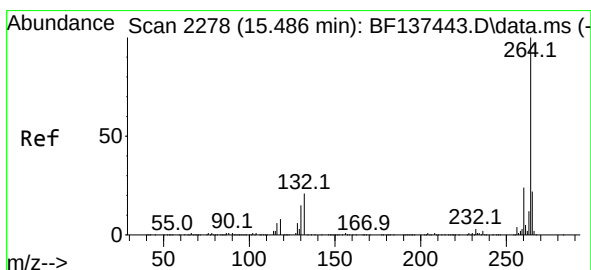
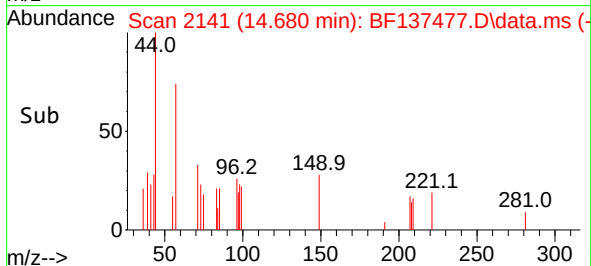
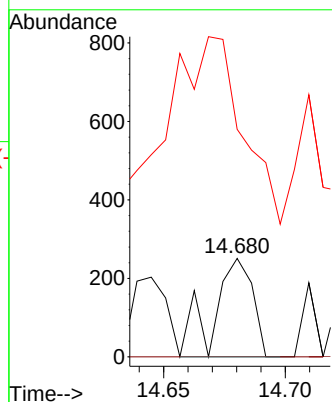
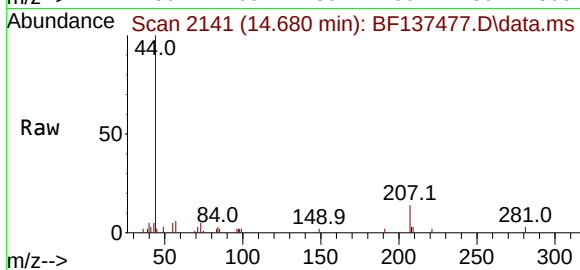
Tgt Ion:149 Resp: 282

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 525.9 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137477.D

Acq: 04 Mar 2024 13:17

Tgt Ion:264 Resp: 517566

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.6 17.4 26.0

