

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137656.D
 Acq On : 20 Mar 2024 15:42
 Operator : CG\JU
 Sample : P1792-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11977

Quant Time: Mar 20 16:19:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

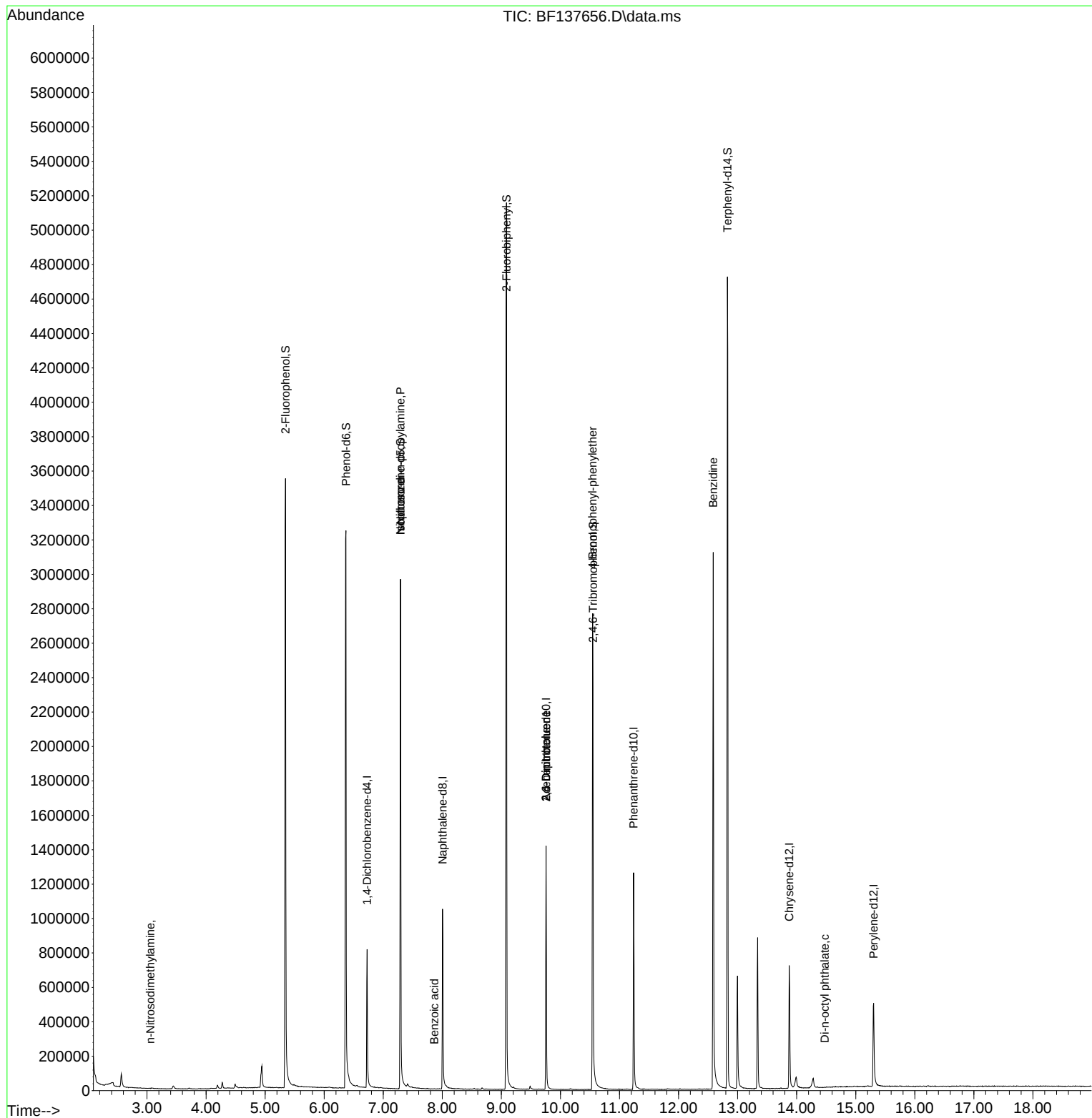
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	125194	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	499984	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	284572	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	480462	20.000	ng	0.00
76) Chrysene-d12	13.874	240	261770	20.000	ng	0.00
86) Perylene-d12	15.304	264	259002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1118846	135.353	ng	0.01
7) Phenol-d6	6.369	99	1401550	117.462	ng	0.00
23) Nitrobenzene-d5	7.292	82	983637	91.411	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	378668	151.526	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1690180	92.973	ng	0.00
79) Terphenyl-d14	12.827	244	1828847	96.071	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.057	42	335	3.878	ng	# 3
19) n-Nitroso-di-n-propyla...	7.292	70	126474	17.165	ng	# 79
25) Isophorone	7.292	82	983637	48.115	ng	# 69
32) Benzoic acid	7.863	122	55	6.309	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	36159	8.727	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	36159	7.103	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	24450	4.672	ng	# 1
77) Benzidine	12.586	184	1269772	198.213	ng	97
85) Di-n-octyl phthalate	14.474	149	198	5.618	ng	# 1

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

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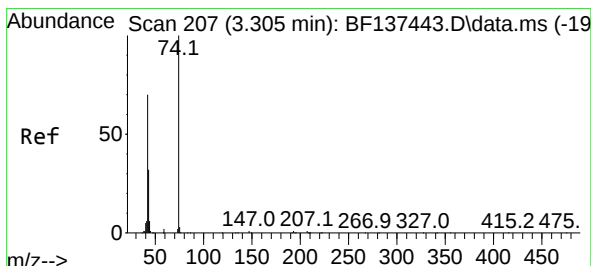
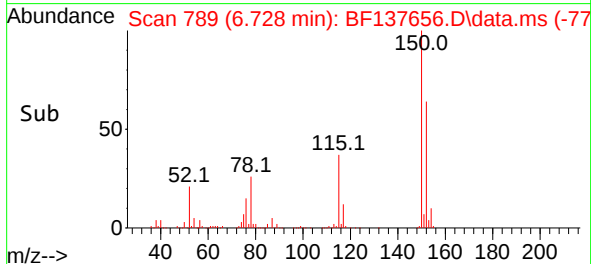
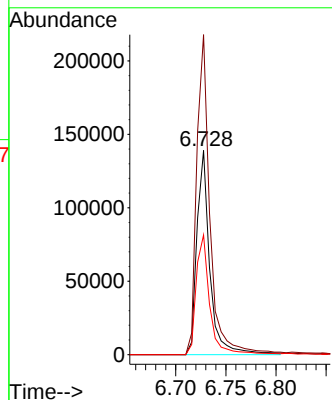
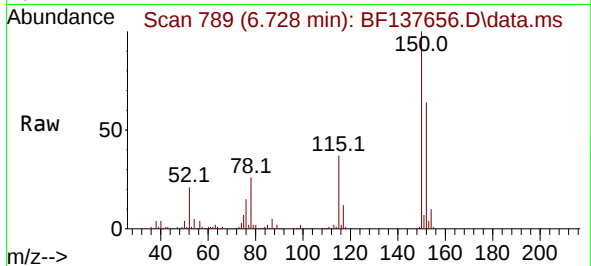




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

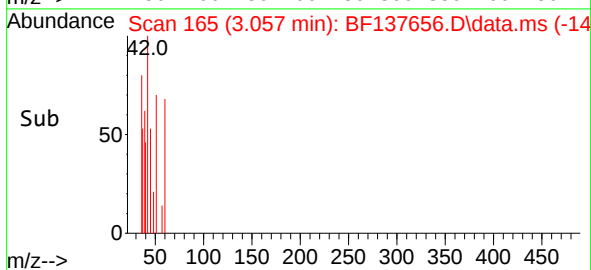
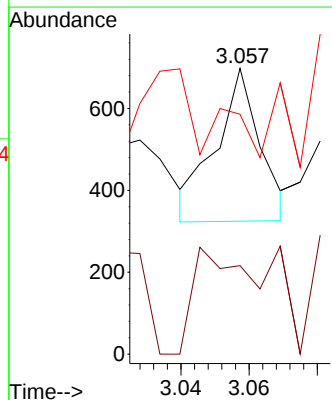
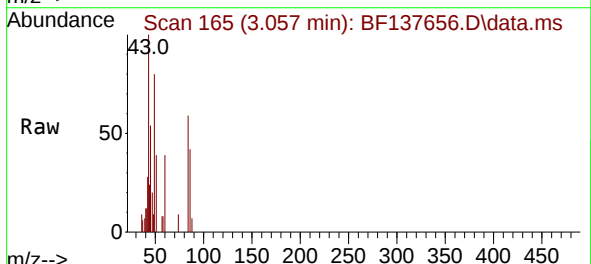
Instrument :
BNA_F
ClientSampleId :
72-11977

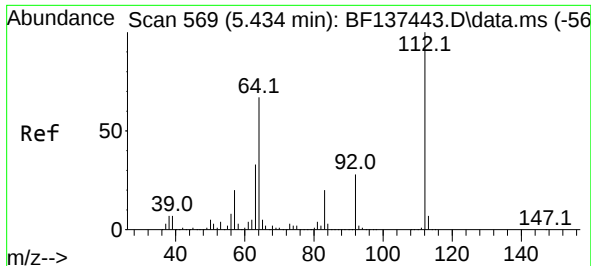
Tgt Ion:152 Resp: 125194
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 58.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.878 ng
RT: 3.057 min Scan# 165
Delta R.T. 0.017 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Tgt Ion: 42 Resp: 335
Ion Ratio Lower Upper
42 100
74 30.9 114.0 171.0#
44 84.0 7.0 10.4#

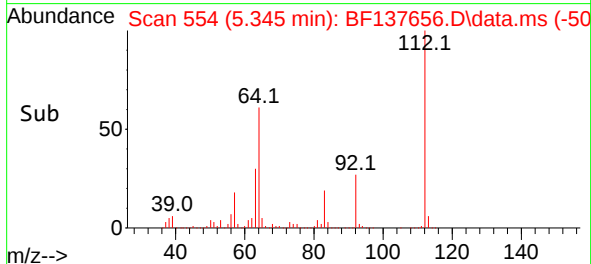
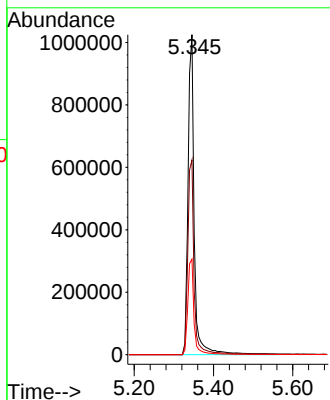
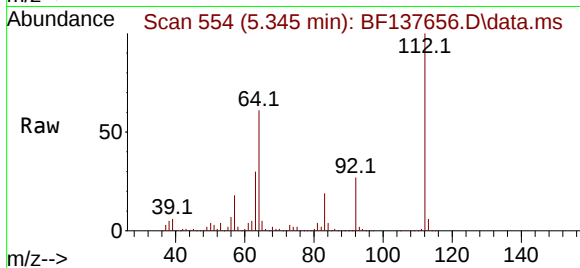




#5
2-Fluorophenol
Concen: 135.353 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

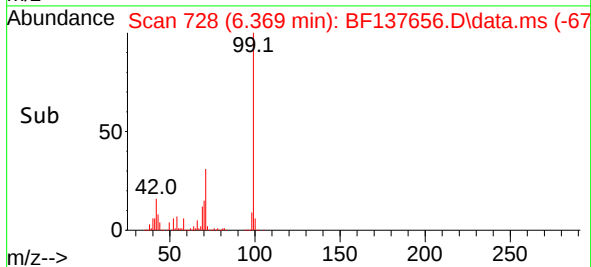
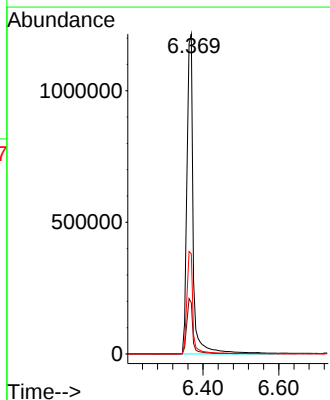
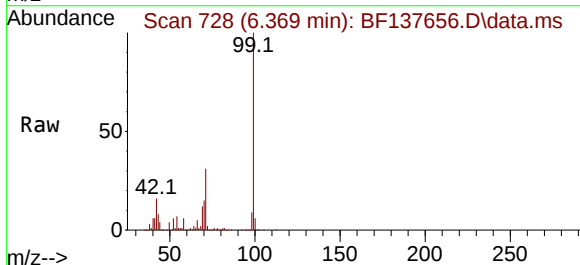
Instrument :
BNA_F
ClientSampleId :
72-11977

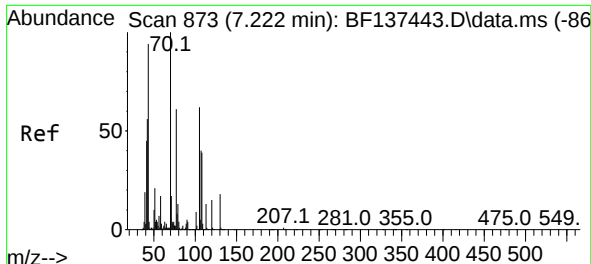
Tgt Ion:112 Resp: 1118846
Ion Ratio Lower Upper
112 100
64 60.8 53.4 80.2
63 29.9 26.2 39.2



#7
Phenol-d6
Concen: 117.462 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Tgt Ion: 99 Resp: 1401550
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 31.3 25.3 37.9



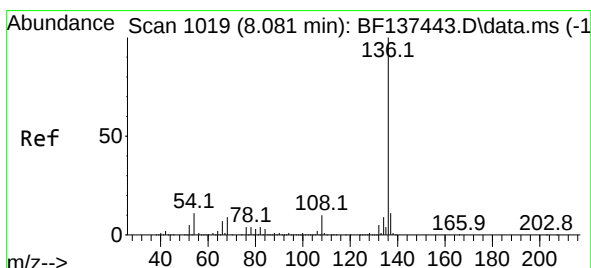
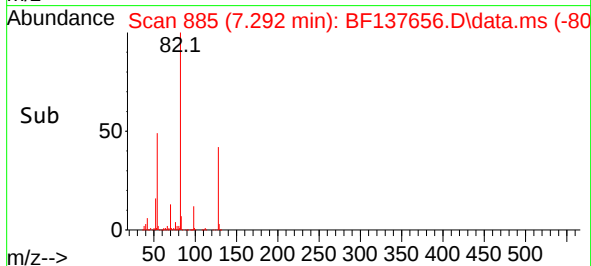
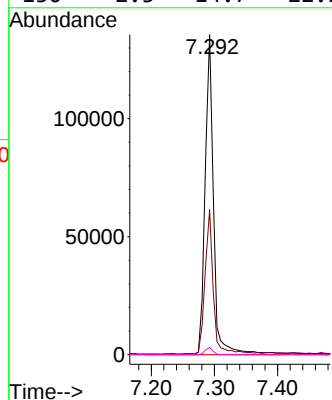
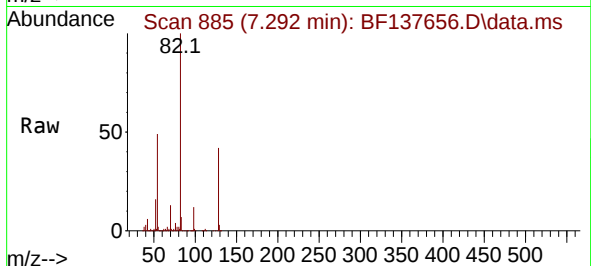


#19
n-Nitroso-di-n-propylamine
Concen: 17.165 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion: 70 Resp: 126474

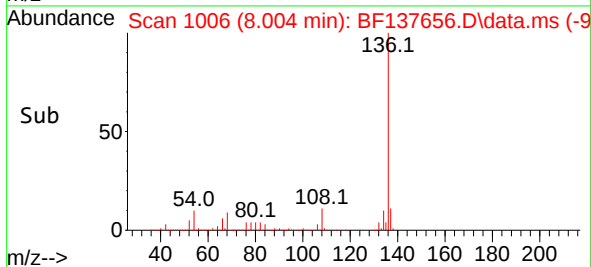
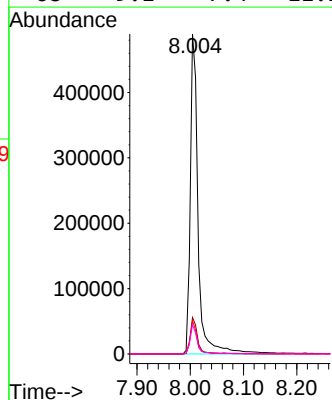
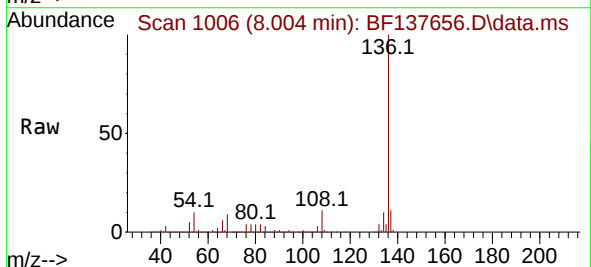
Ion	Ratio	Lower	Upper
70	100		
42	45.4	45.2	67.8
101	0.0	7.3	10.9#
130	2.3	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Tgt Ion: 136 Resp: 499984

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.4	8.5	12.7
68	9.1	7.4	11.2





#23

Nitrobenzene-d5

Concen: 91.411 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

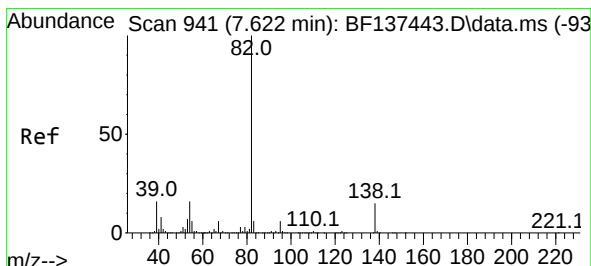
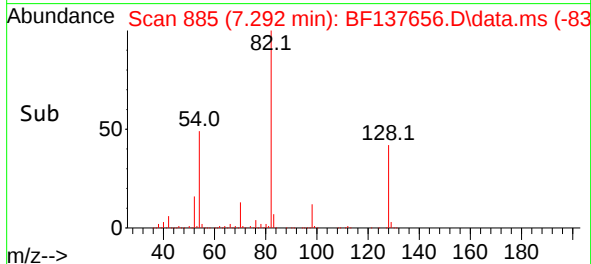
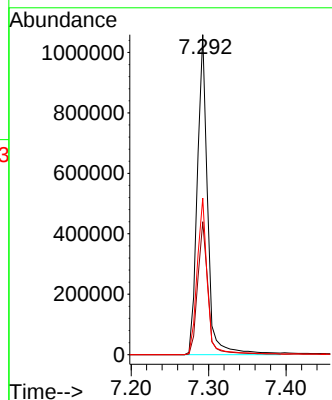
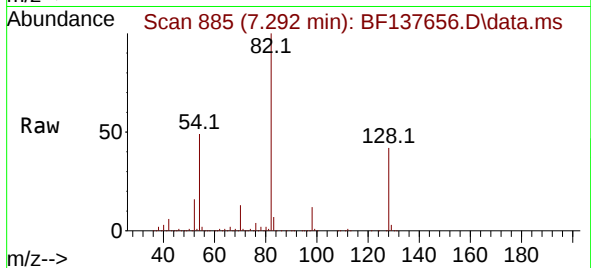
Tgt Ion: 82 Resp: 983637

Ion Ratio Lower Upper

82 100

128 41.6 32.5 48.7

54 48.9 41.5 62.3



#25

Isophorone

Concen: 48.115 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

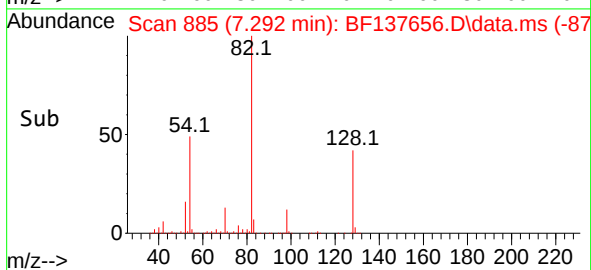
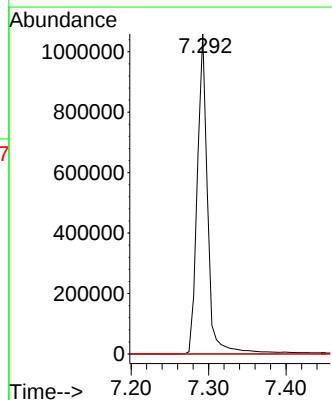
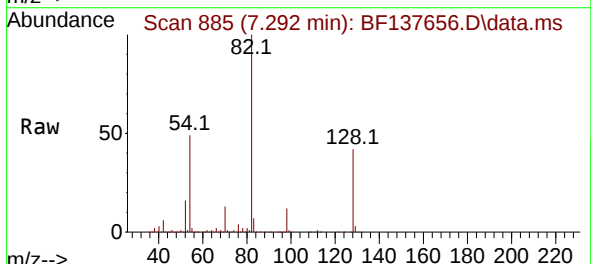
Tgt Ion: 82 Resp: 983637

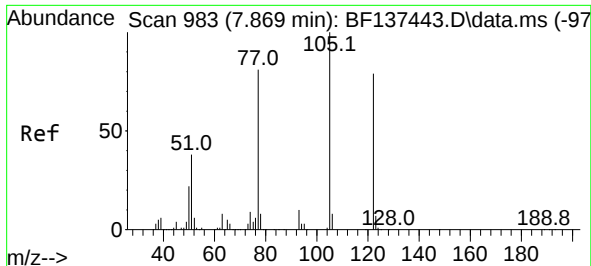
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

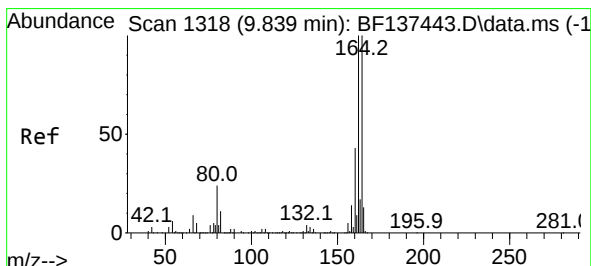
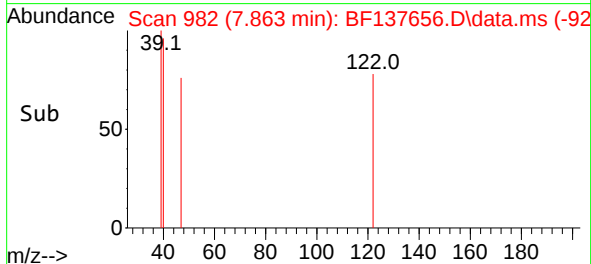
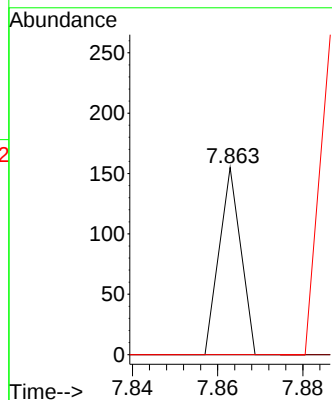
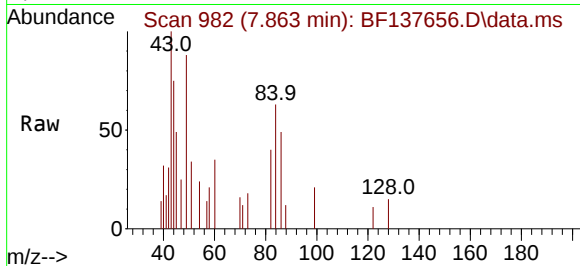




#32
Benzoic acid
Concen: 6.309 ng
RT: 7.863 min Scan# 91
Delta R.T. 0.065 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

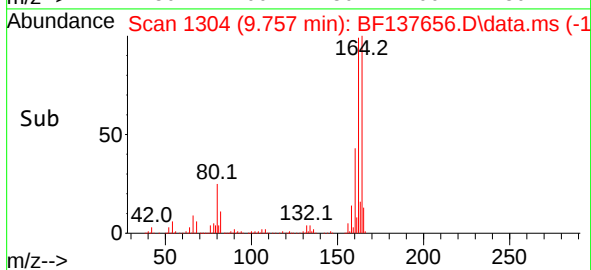
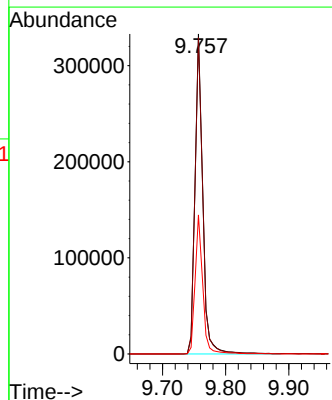
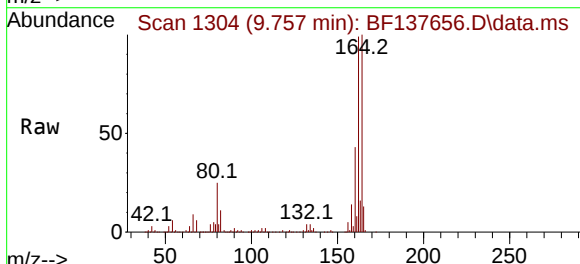
Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 102.4 142.4#
77 0.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Tgt Ion:164 Resp: 284572
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 151.526 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

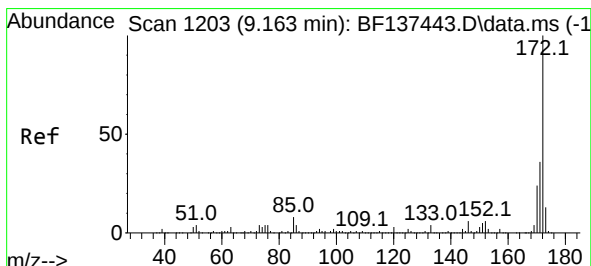
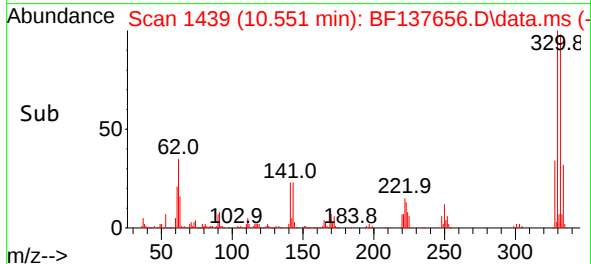
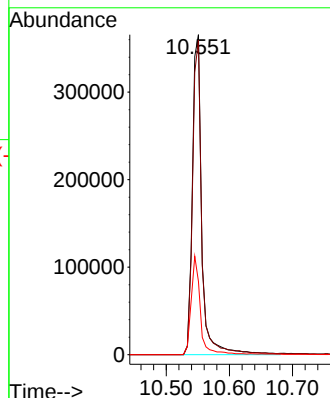
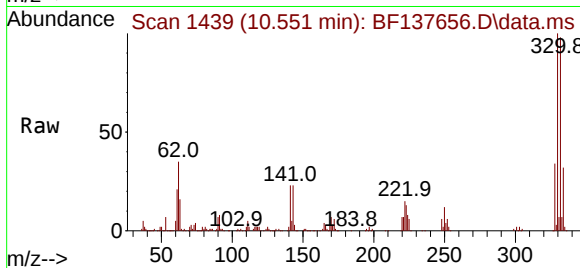
Tgt Ion:330 Resp: 378668

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 31.1 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 92.973 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

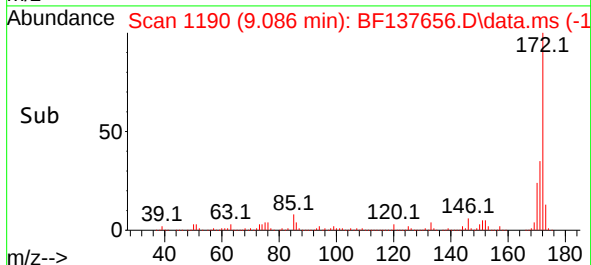
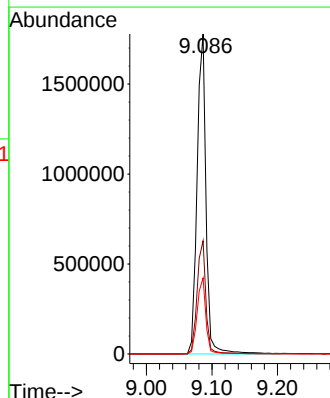
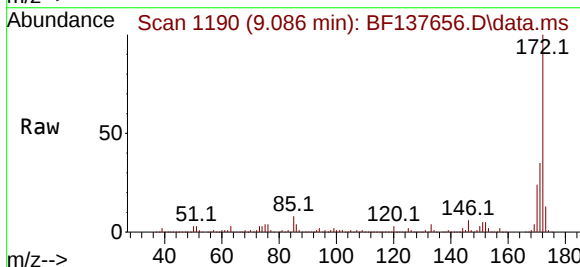
Tgt Ion:172 Resp: 1690180

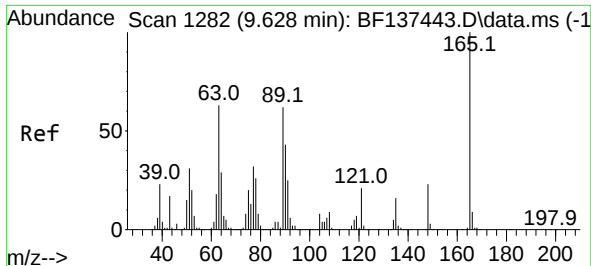
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.8 19.0 28.6

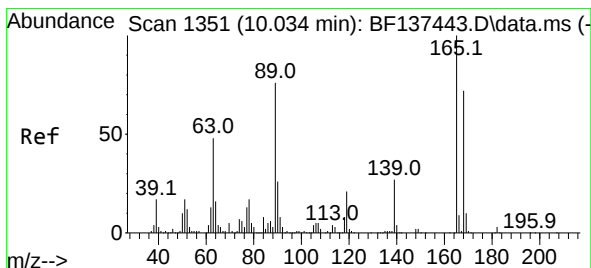
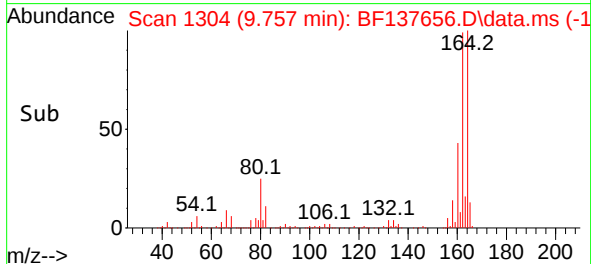
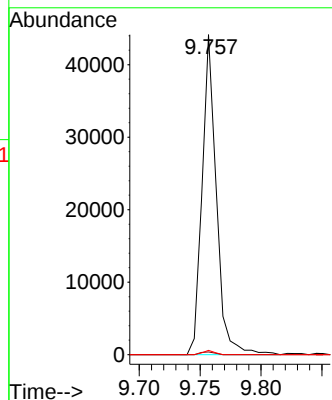
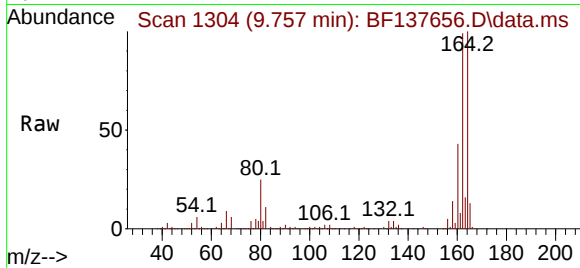




#51
2,6-Dinitrotoluene
Concen: 8.727 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

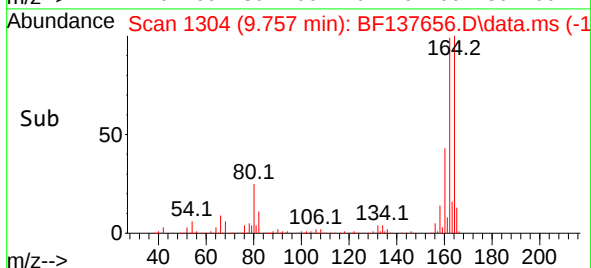
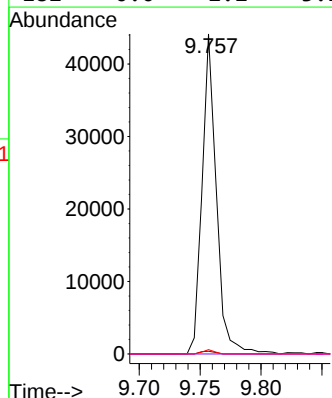
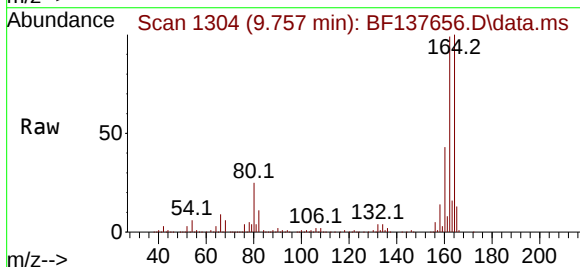
Instrument :
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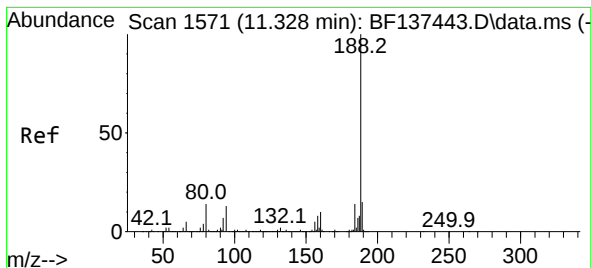
Tgt Ion:165 Resp: 36159
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.4 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 7.103 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Tgt Ion:165 Resp: 36159
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.4 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

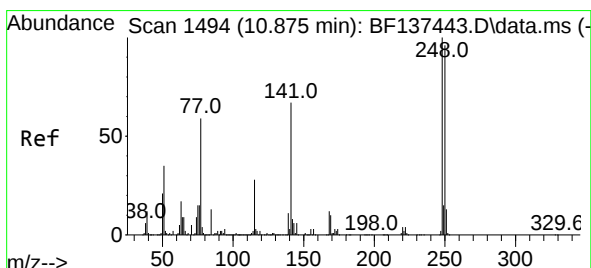
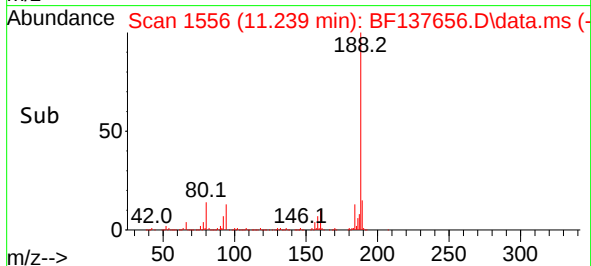
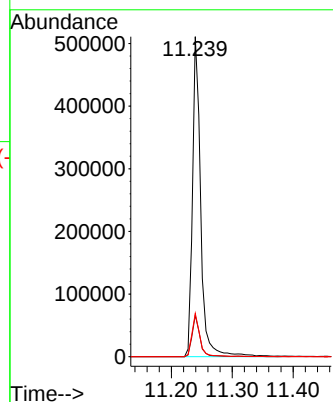
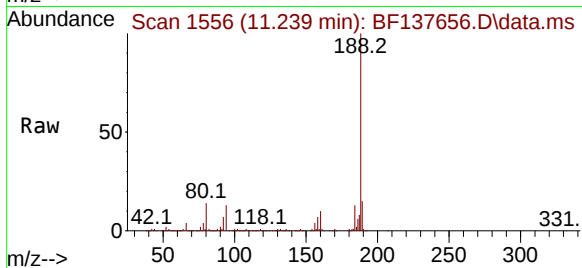
Tgt Ion:188 Resp: 480462

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.5 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.672 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

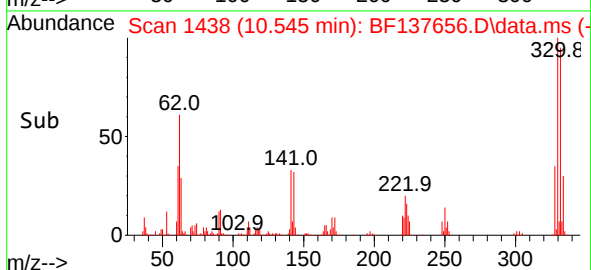
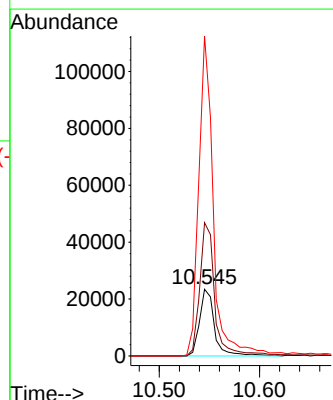
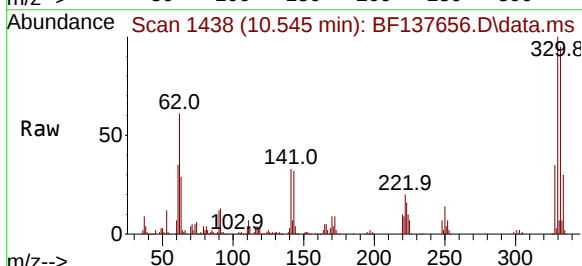
Tgt Ion:248 Resp: 24450

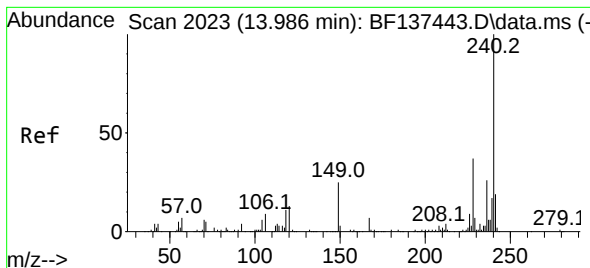
Ion Ratio Lower Upper

248 100

250 199.6 76.8 115.2#

141 479.2 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

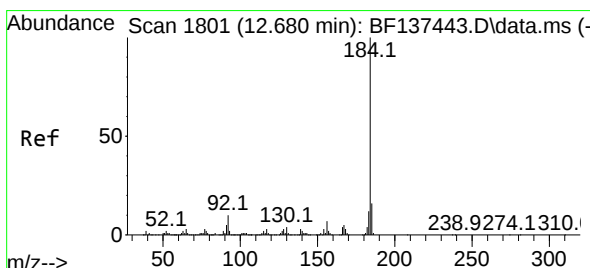
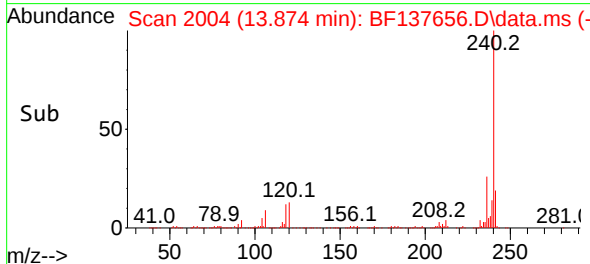
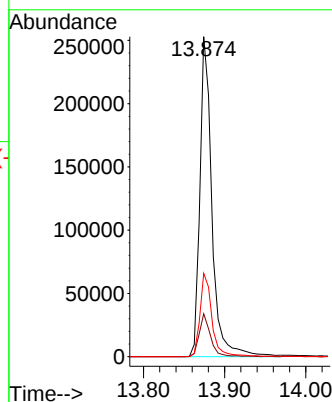
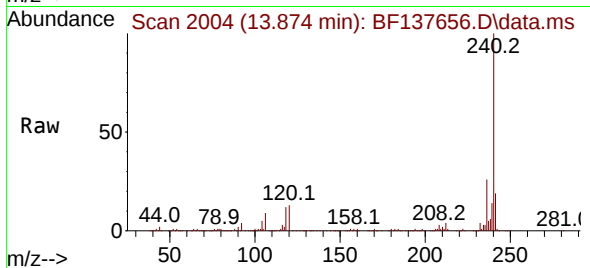
Tgt Ion:240 Resp: 261770

Ion Ratio Lower Upper

240 100

120 13.4 10.4 15.6

236 26.0 20.9 31.3



#77

Benzdine

Concen: 198.213 ng

RT: 12.586 min Scan# 1785

Delta R.T. 0.006 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

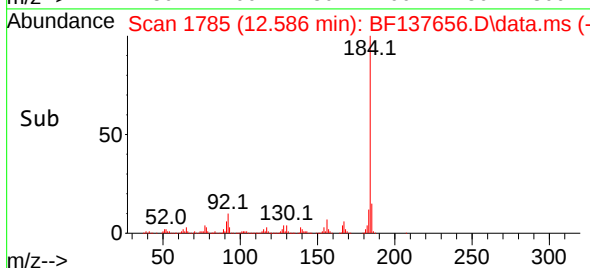
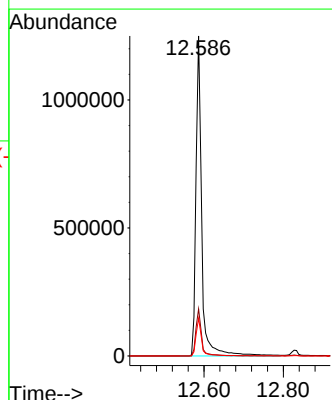
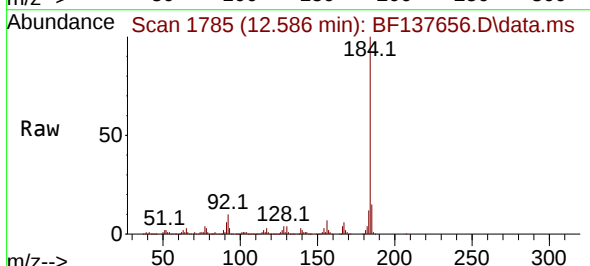
Tgt Ion:184 Resp: 1269772

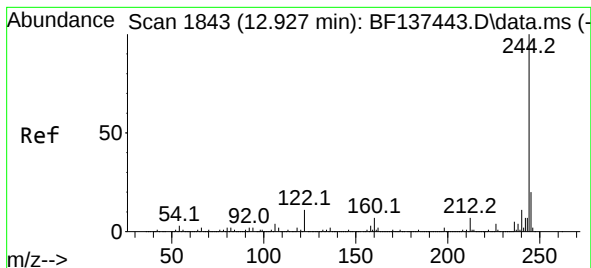
Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

183 11.8 9.3 13.9





#79

Terphenyl-d14

Concen: 96.071 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

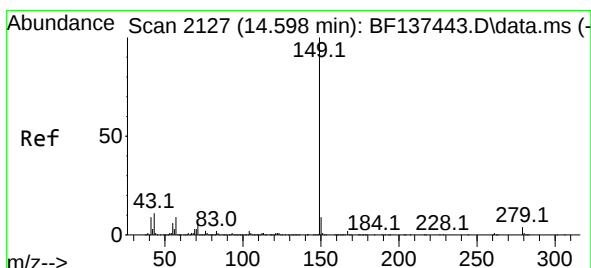
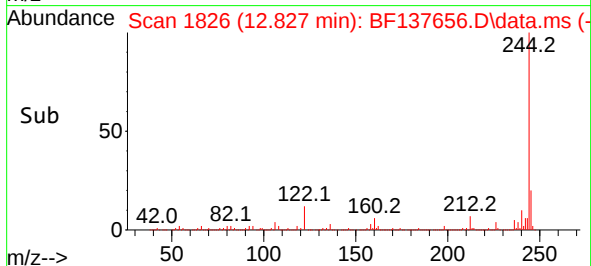
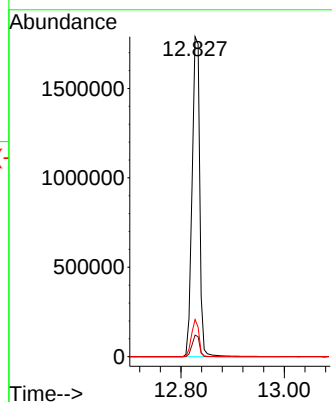
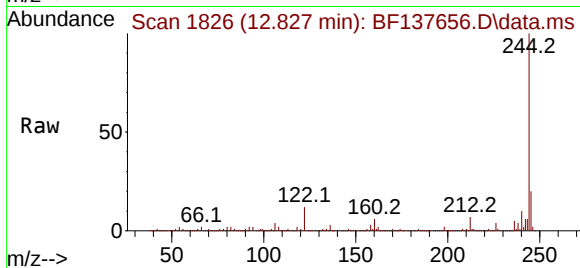
Tgt Ion:244 Resp: 1828847

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.6 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.618 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

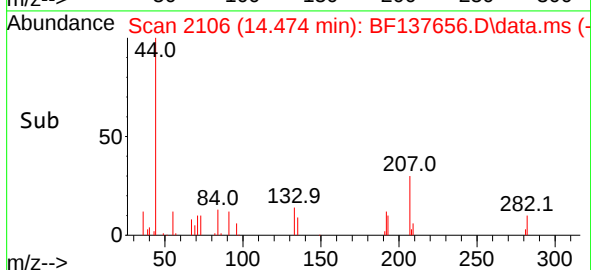
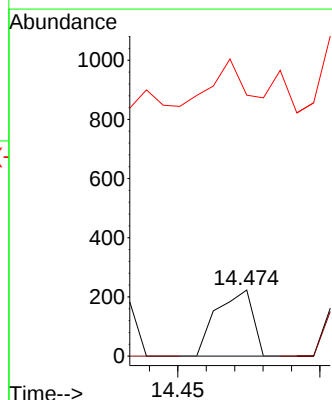
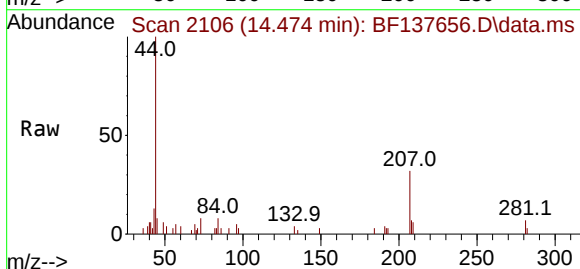
Tgt Ion:149 Resp: 198

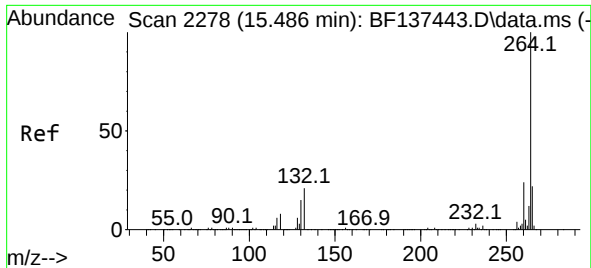
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

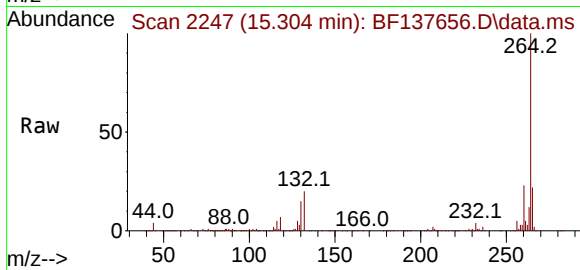
43 59.1 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF137656.D
 Acq: 20 Mar 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 72-11977



Tgt Ion:264 Resp: 259002
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 21.7 17.4 26.0

