

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137402.D
 Acq On : 27 Feb 2024 13:46
 Operator : CG\JU
 Sample : PB159259TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159259TB

Quant Time: Feb 27 14:19:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

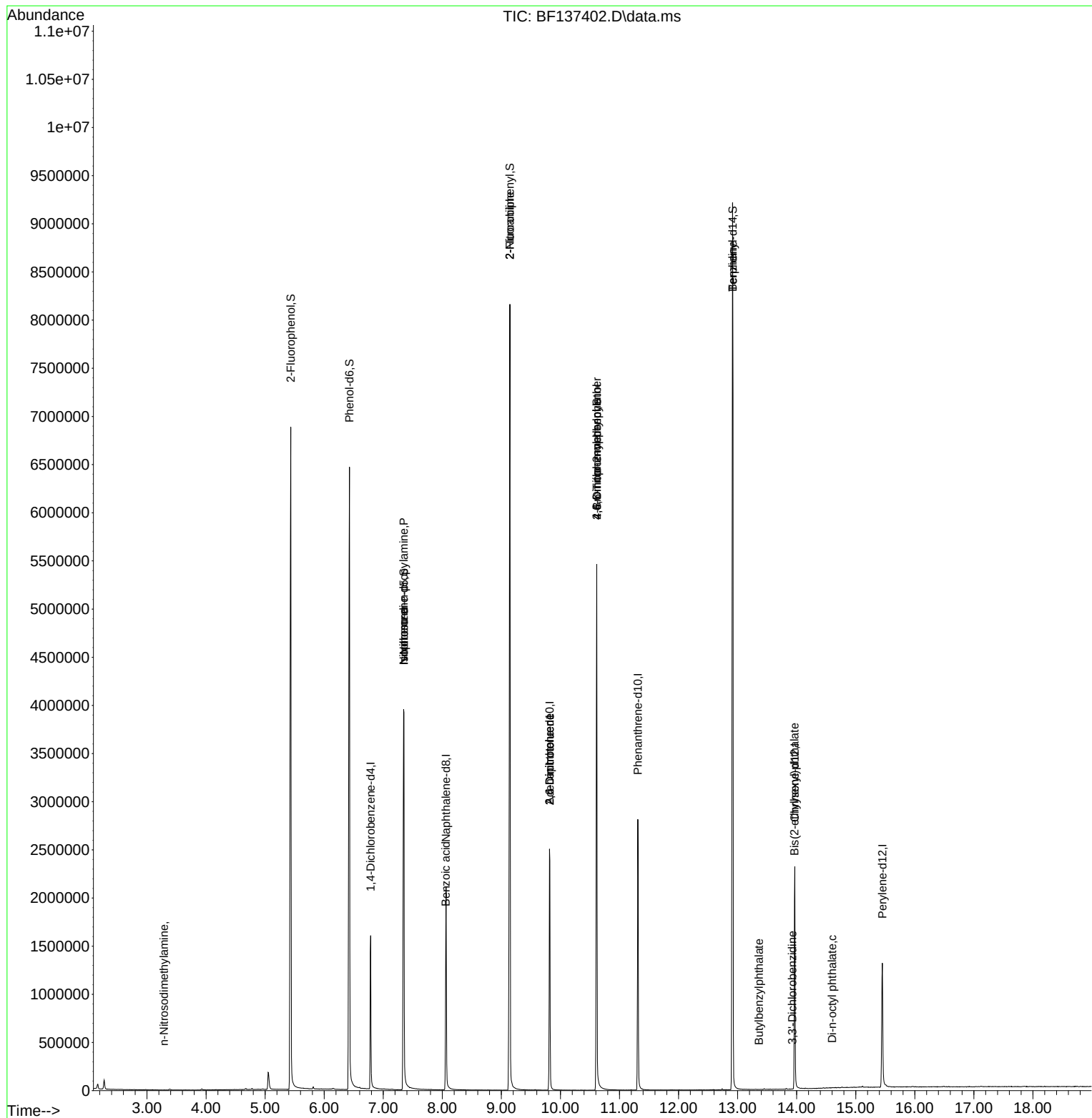
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	249835	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1011540	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	576575	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	1024370	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	787568	20.000	ng	-0.01
86) Perylene-d12	15.451	264	622619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2080939	128.523	ng	0.00
7) Phenol-d6	6.428	99	2771705	116.372	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1802714	88.973	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	685317	136.494	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2929814	79.110	ng	-0.01
79) Terphenyl-d14	12.916	244	3817295	67.793	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.287	42	246	5.133	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	235014	16.012	ng	# 83
25) Isophorone	7.345	82	1802705	43.024	ng	# 69
32) Benzoic acid	8.057	122	56	6.956	ng	# 1
48) 2-Nitroaniline	9.145	65	5198	4.735	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	74354	10.032	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	74356	8.822	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	1290	4.739	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	45300	4.114	ng	# 1
77) Benzidine	12.916	184	44647	9.775	ng	# 94
80) Butylbenzylphthalate	13.363	149	55	3.987	ng	# 15
82) 3,3'-Dichlorobenzidine	13.927	252	148	5.043	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.963	149	218	4.102	ng	# 1
85) Di-n-octyl phthalate	14.598	149	340	6.015	ng	# 1

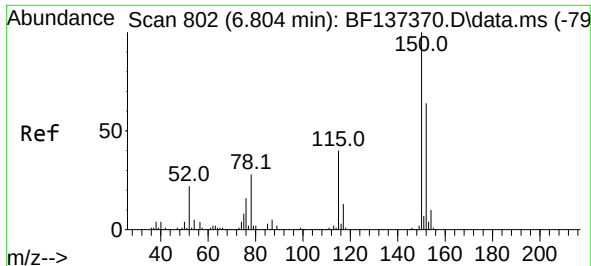
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137402.D
Acq On : 27 Feb 2024 13:46
Operator : CG\JU
Sample : PB159259TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159259TB

Quant Time: Feb 27 14:19:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

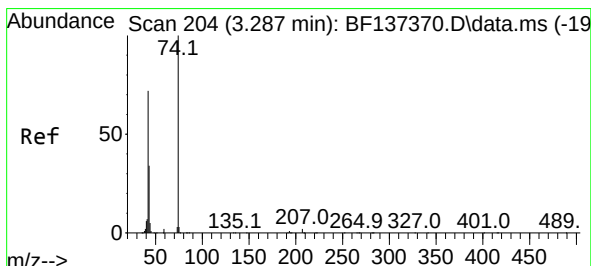
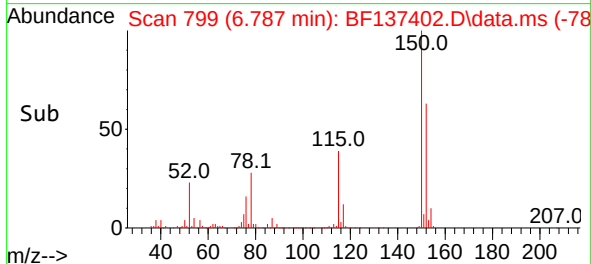
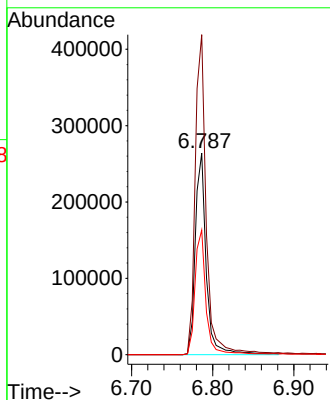
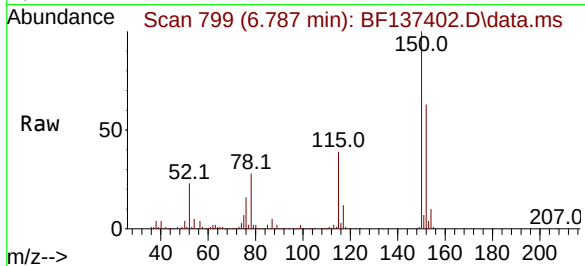




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

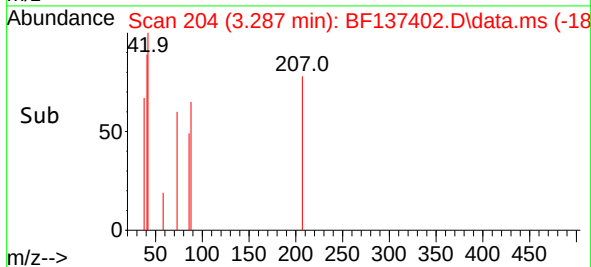
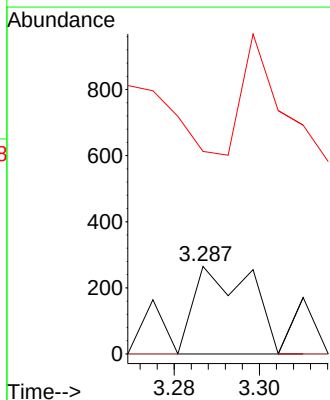
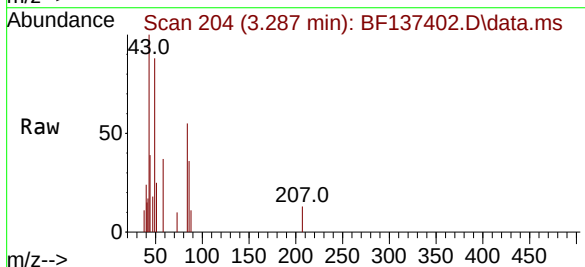
Instrument :
BNA_F
ClientSampleId :
PB159259TB

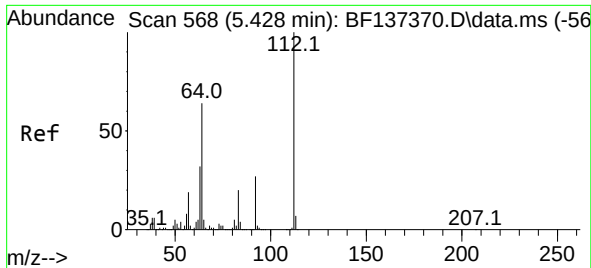
Tgt Ion:152 Resp: 249835
Ion Ratio Lower Upper
152 100
150 158.7 125.7 188.5
115 61.8 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.133 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.000 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion: 42 Resp: 246
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 231.3 6.0 9.0#

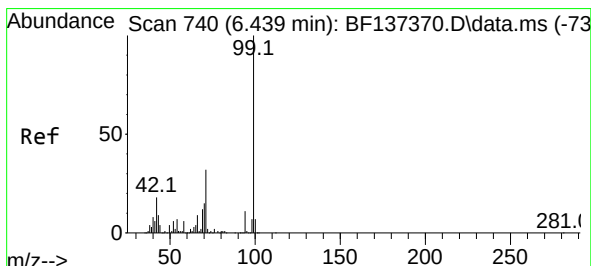
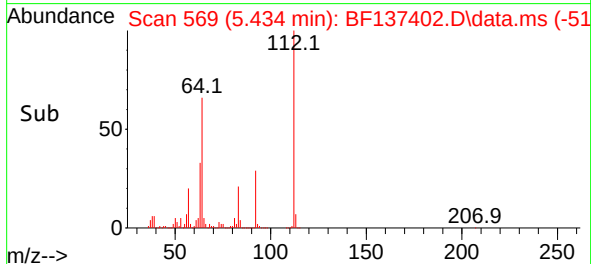
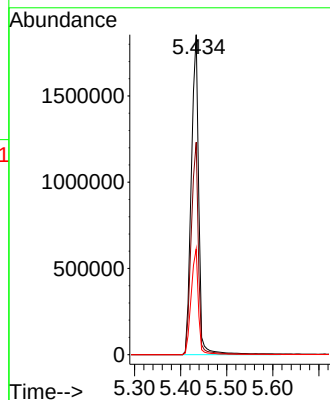
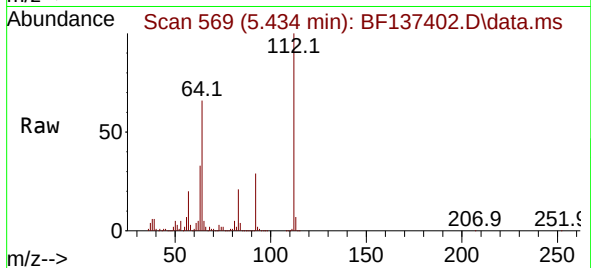




#5
2-Fluorophenol
Concen: 128.523 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

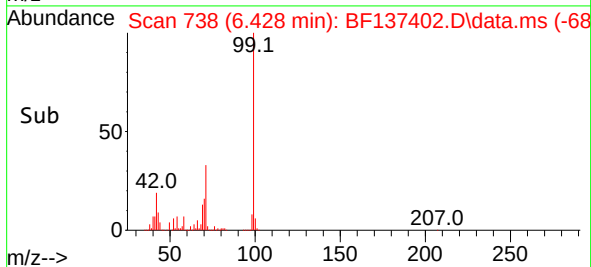
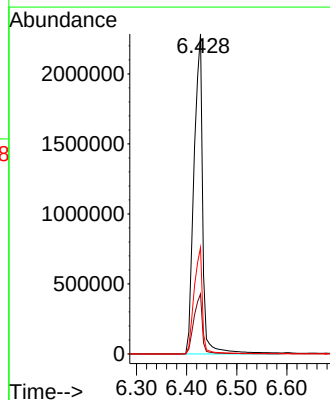
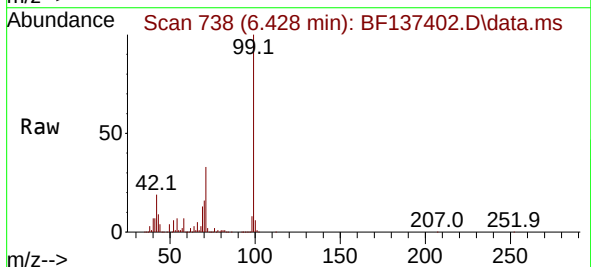
Instrument :
BNA_F
ClientSampleId :
PB159259TB

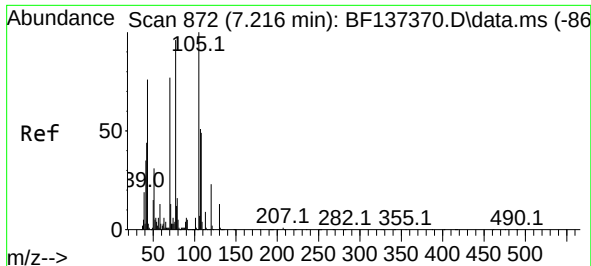
Tgt Ion:112 Resp: 2080939
Ion Ratio Lower Upper
112 100
64 66.4 51.0 76.6
63 33.1 25.7 38.5



#7
Phenol-d6
Concen: 116.372 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

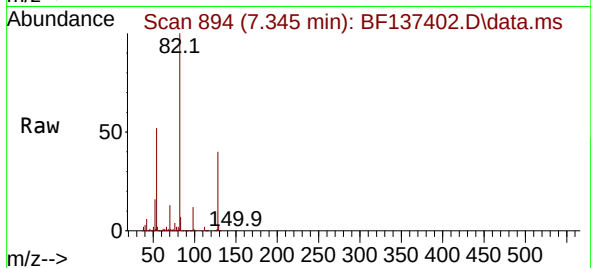
Tgt Ion: 99 Resp: 2771705
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 33.3 25.2 37.8





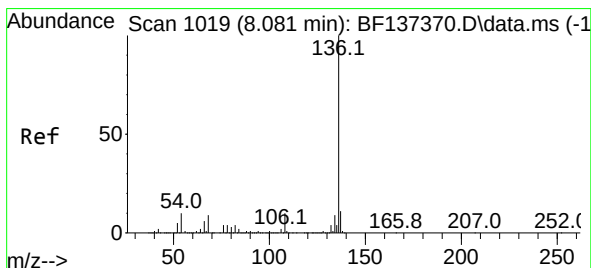
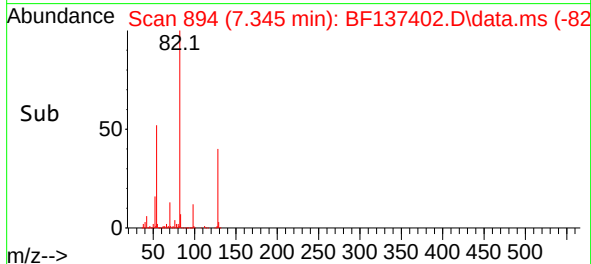
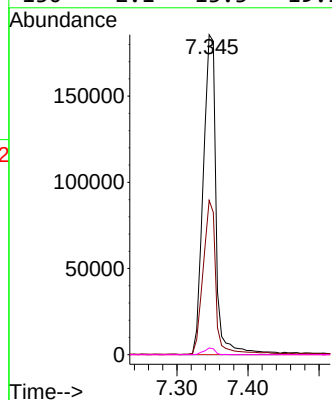
#19
n-Nitroso-di-n-propylamine
Concen: 16.012 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Instrument :
BNA_F
ClientSampleId :
PB159259TB



Tgt Ion: 70 Resp: 235014

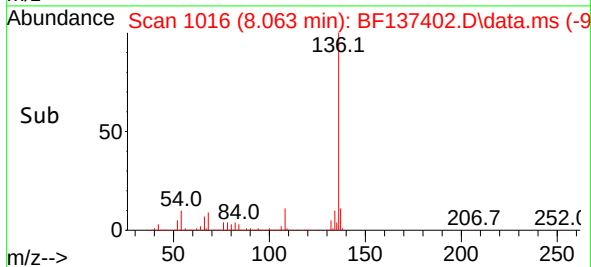
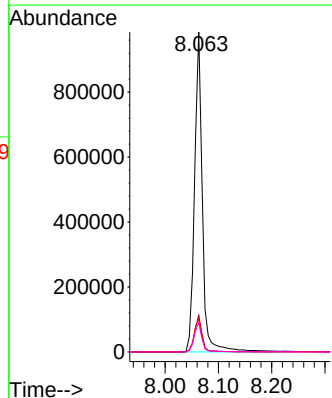
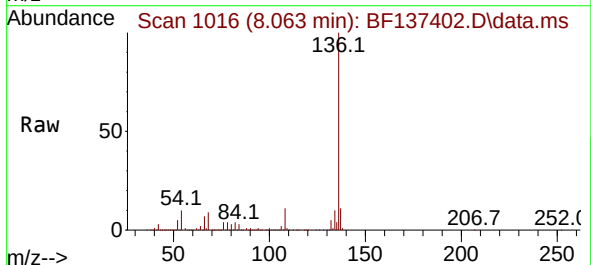
Ion	Ratio	Lower	Upper
70	100		
42	48.2	45.3	67.9
101	0.0	6.5	9.7#
130	2.1	13.3	19.9#

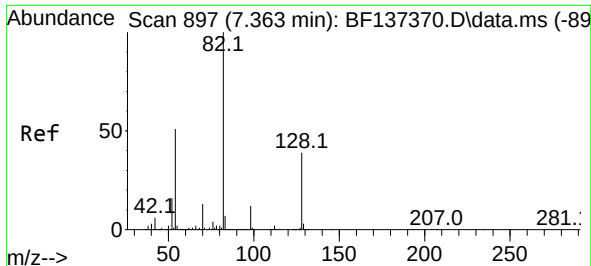


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion: 136 Resp: 1011540

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	10.4	7.8	11.6
68	9.1	7.0	10.4

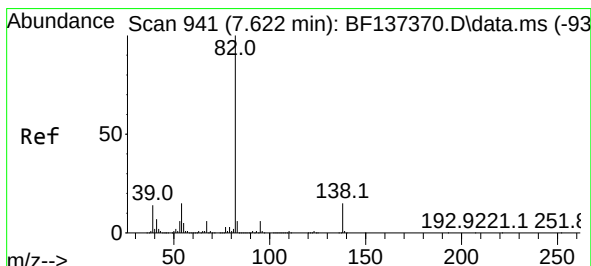
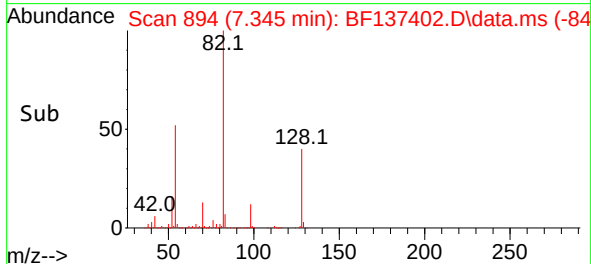
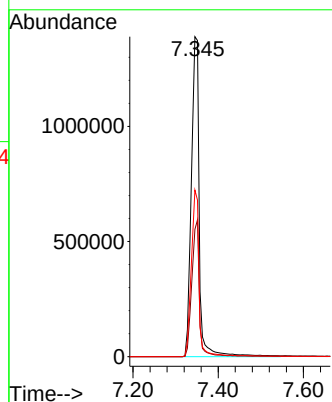
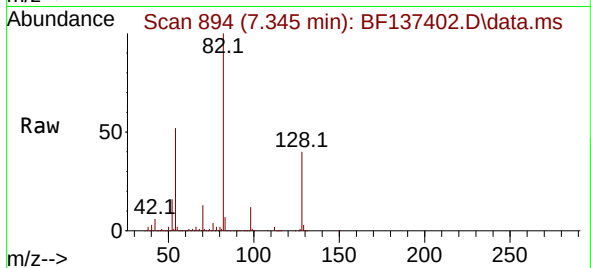




#23
Nitrobenzene-d5
Concen: 88.973 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

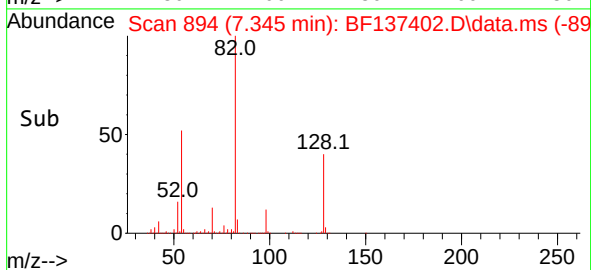
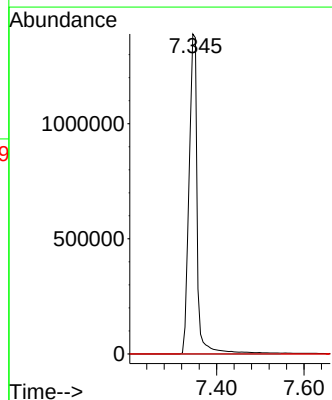
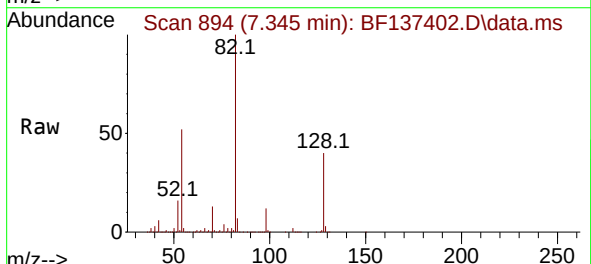
Instrument :
BNA_F
ClientSampleId :
PB159259TB

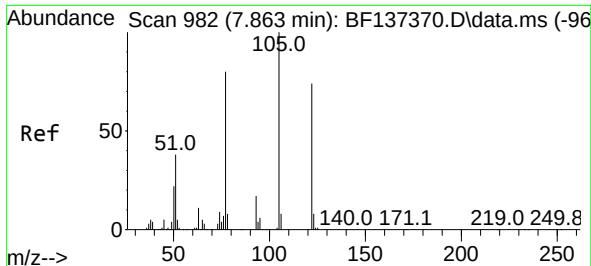
Tgt Ion: 82 Resp: 1802714
Ion Ratio Lower Upper
82 100
128 39.8 30.8 46.2
54 52.0 40.8 61.2



#25
Isophorone
Concen: 43.024 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.276 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion: 82 Resp: 1802705
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.2 18.4#

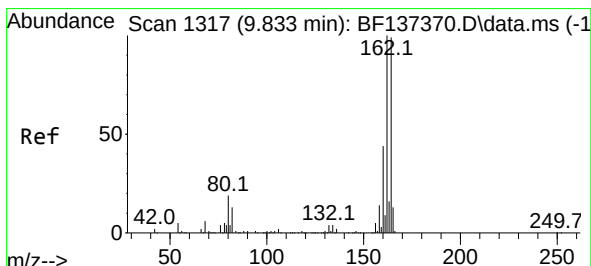
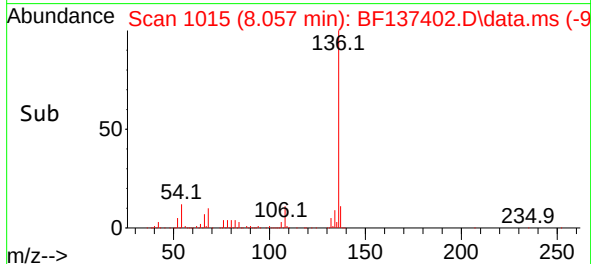
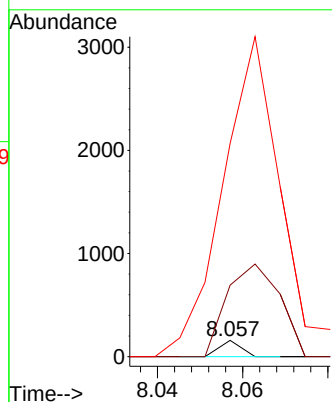
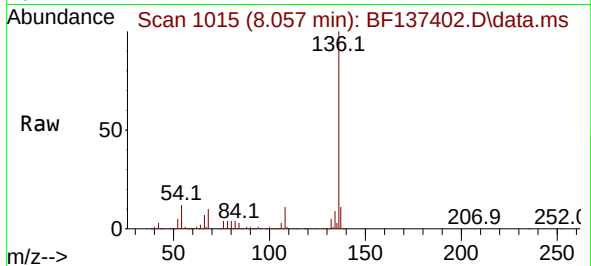




#32
Benzoic acid
Concen: 6.956 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.194 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

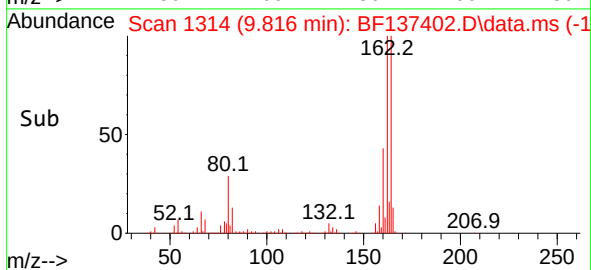
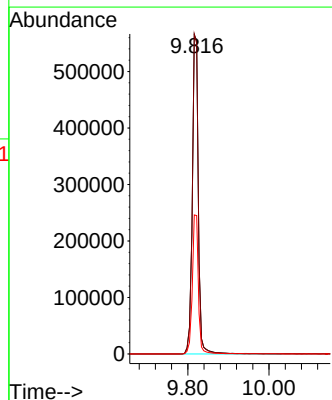
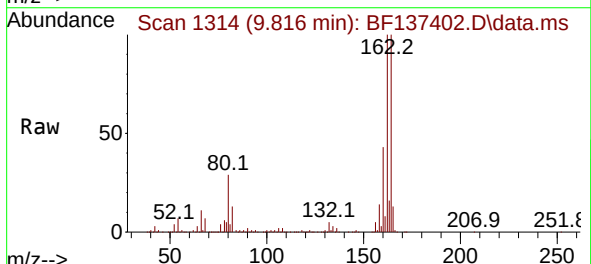
Instrument :
BNA_F
ClientSampleId :
PB159259TB

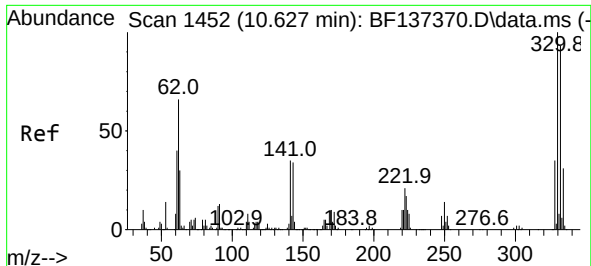
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 438.6 101.1 141.1#
77 1308.9 82.8 122.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion:164 Resp: 576575
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 43.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 136.494 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF137402.D

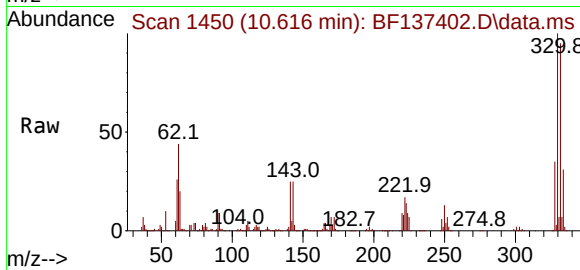
Acq: 27 Feb 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159259TB



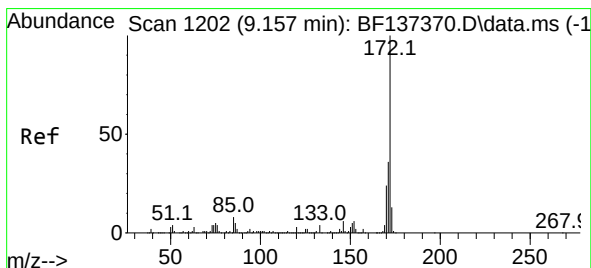
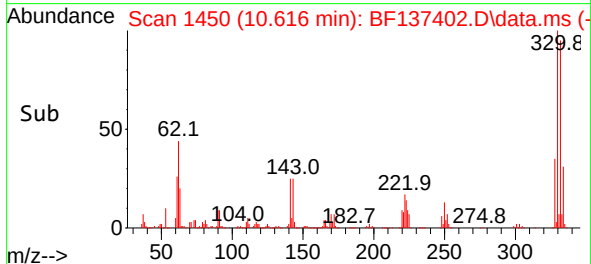
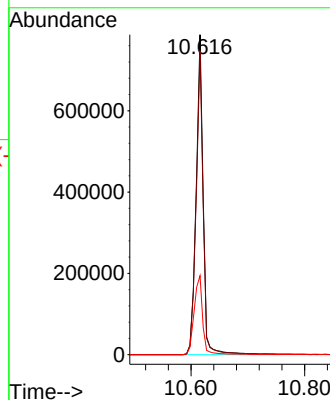
Tgt Ion:330 Resp: 685317

Ion Ratio Lower Upper

330 100

332 94.7 75.6 113.4

141 30.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 79.110 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

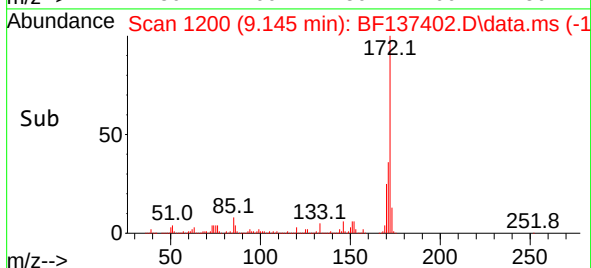
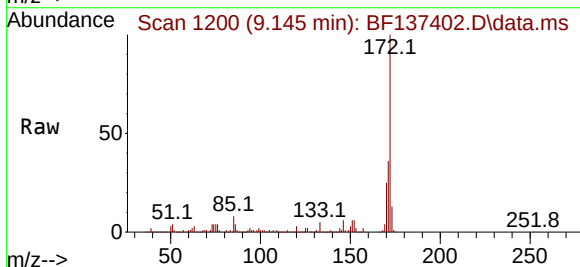
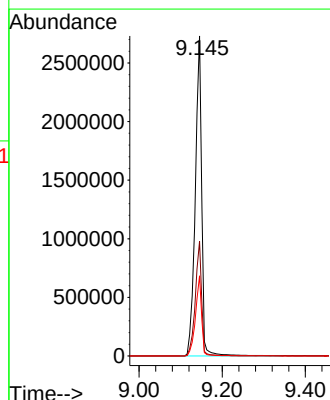
Tgt Ion:172 Resp: 2929814

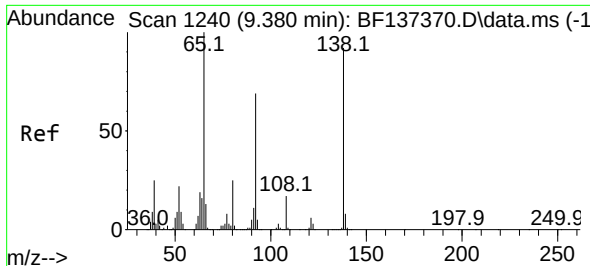
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 25.1 19.5 29.3

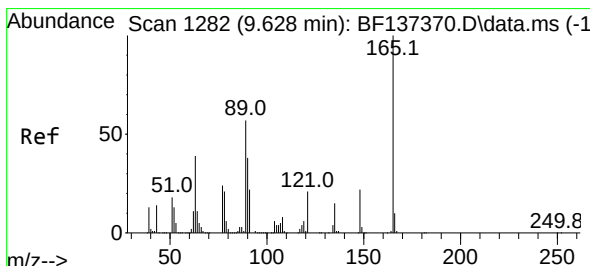
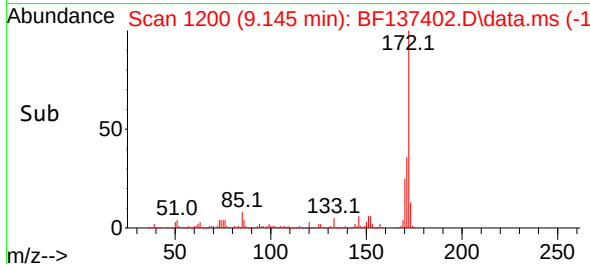
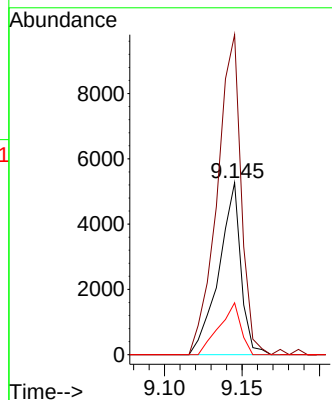
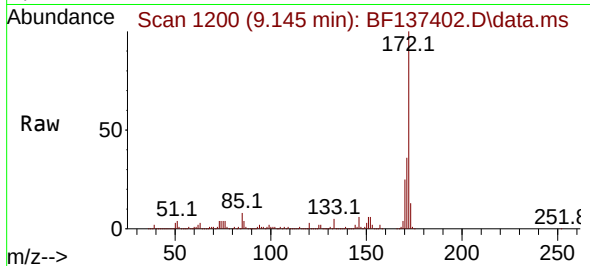




#48
2-Nitroaniline
Concen: 4.735 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

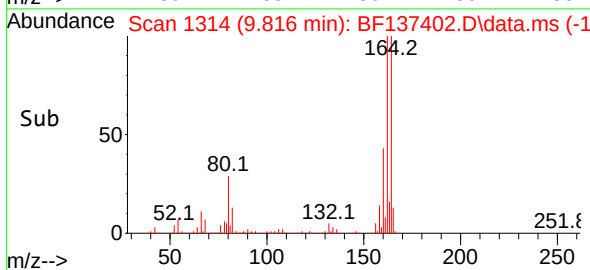
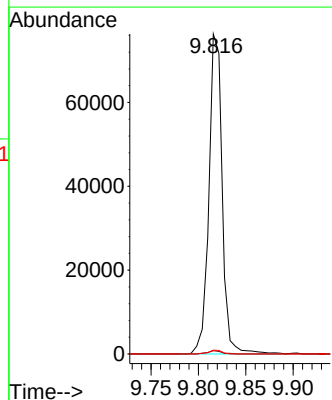
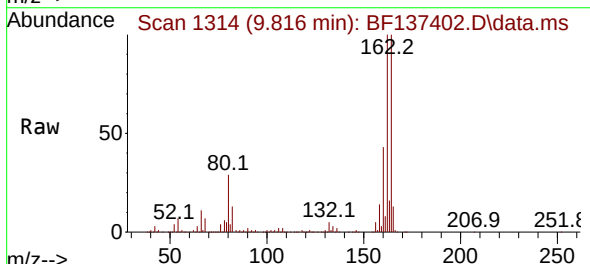
Instrument :
BNA_F
ClientSampleId :
PB159259TB

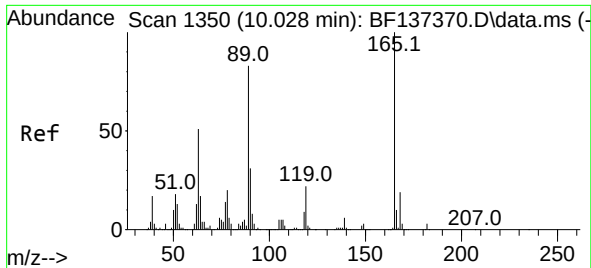
Tgt Ion: 65 Resp: 5198
Ion Ratio Lower Upper
65 100
92 186.1 55.0 82.6#
138 30.2 73.7 110.5#



#51
2,6-Dinitrotoluene
Concen: 10.032 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion:165 Resp: 74354
Ion Ratio Lower Upper
165 100
63 1.0 41.6 62.4#
89 1.2 45.8 68.6#

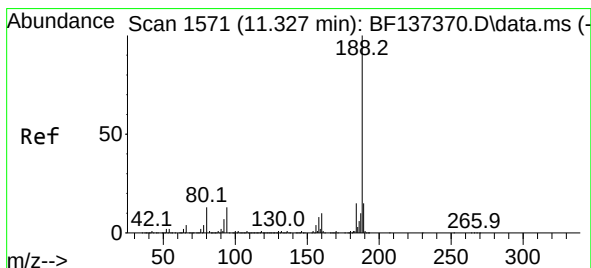
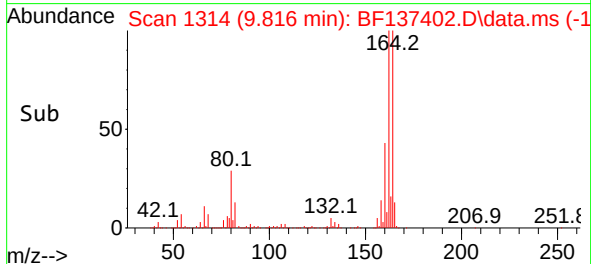
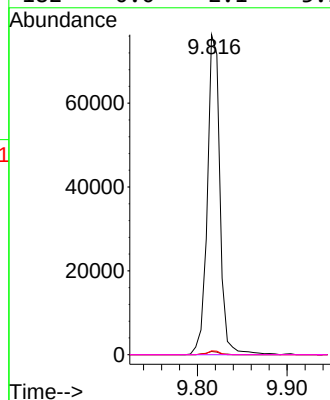
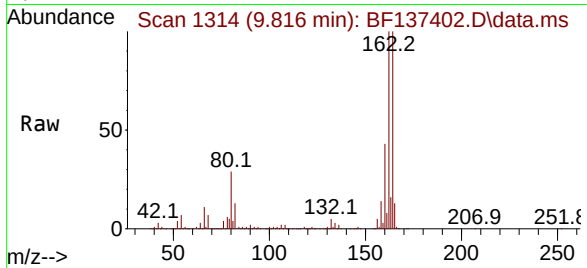




#57
2,4-Dinitrotoluene
Concen: 8.822 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

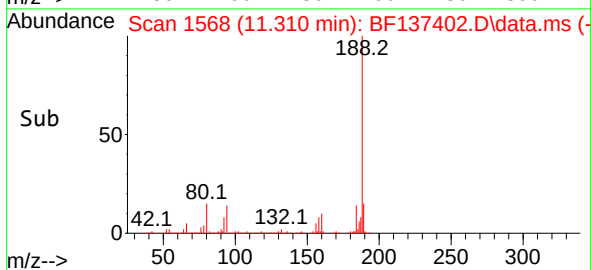
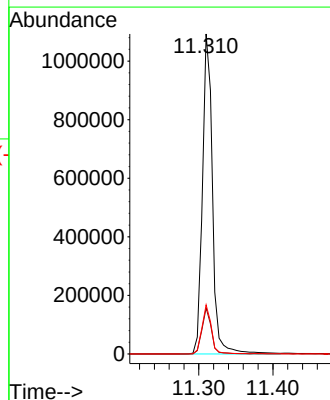
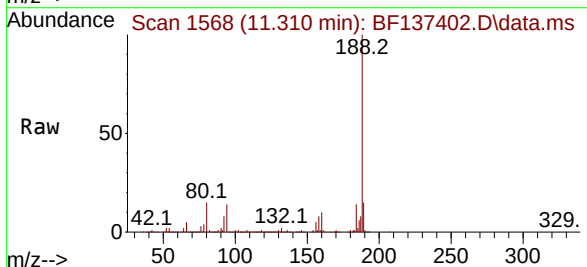
Instrument :
BNA_F
ClientSampleId :
PB159259TB

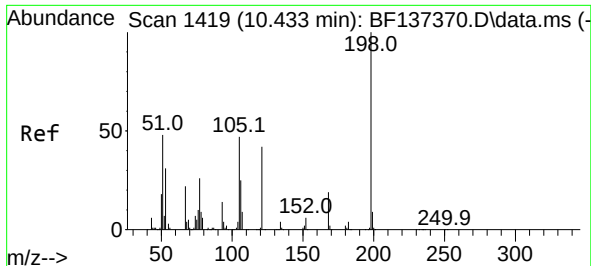
Tgt Ion:165 Resp: 74356
Ion Ratio Lower Upper
165 100
63 1.0 41.1 61.7#
89 1.2 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion:188 Resp: 1024370
Ion Ratio Lower Upper
188 100
94 14.4 10.2 15.2
80 15.3 10.7 16.1

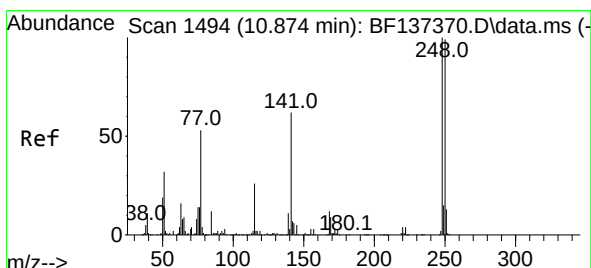
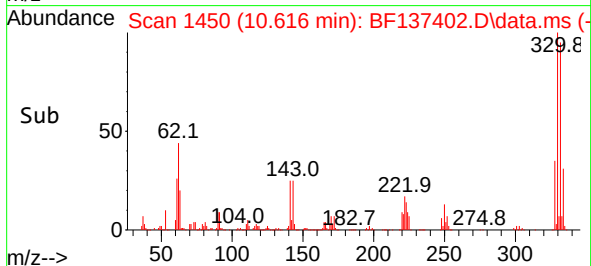
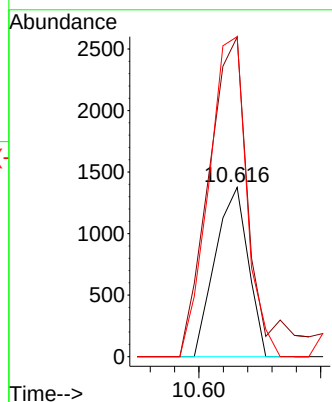
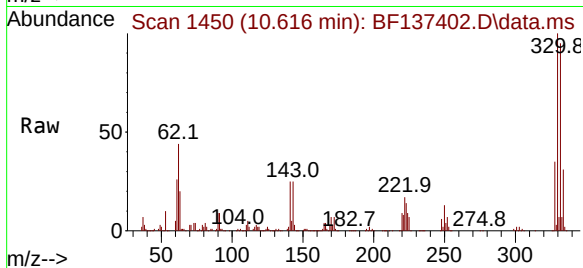




#65
4,6-Dinitro-2-methylphenol
Concen: 4.739 ng
RT: 10.616 min Scan# 1419
Delta R.T. 0.183 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

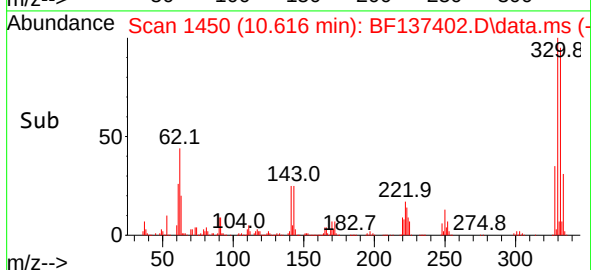
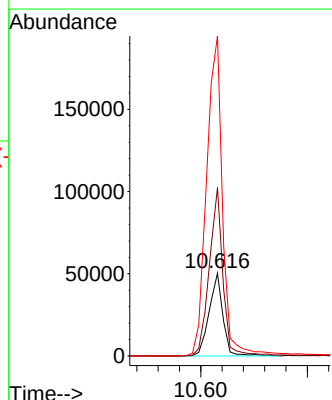
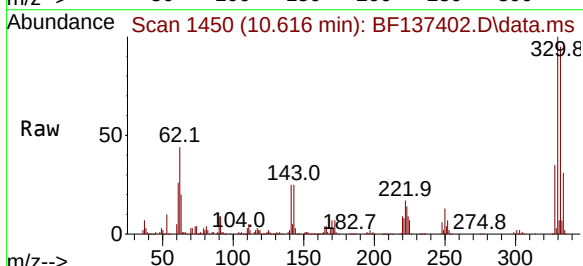
Instrument :
BNA_F
ClientSampleId :
PB159259TB

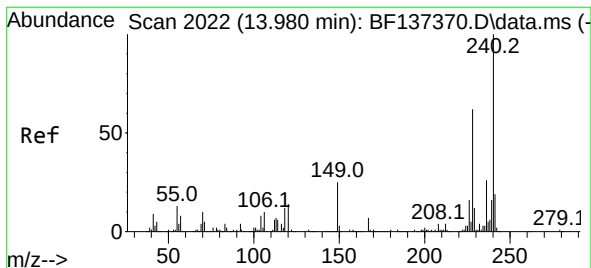
Tgt Ion:198 Resp: 1290
Ion Ratio Lower Upper
198 100
51 188.7 36.8 76.8#
105 189.0 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.259 min
Lab File: BF137402.D
Acq: 27 Feb 2024 13:46

Tgt Ion:248 Resp: 45300
Ion Ratio Lower Upper
248 100
250 203.5 79.0 118.6#
141 386.7 49.9 74.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159259TB

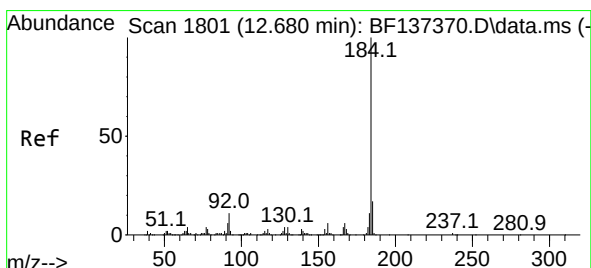
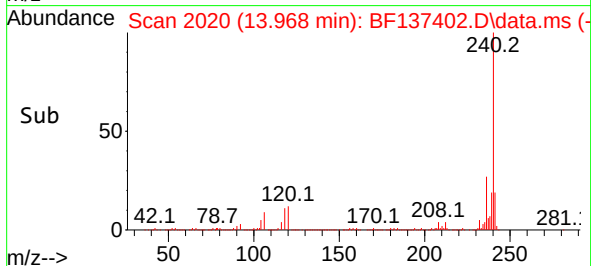
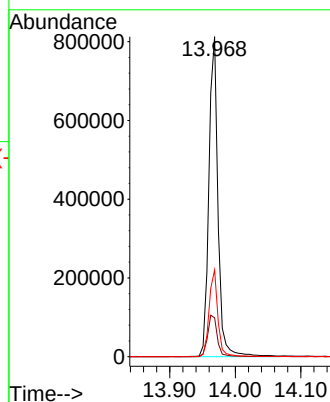
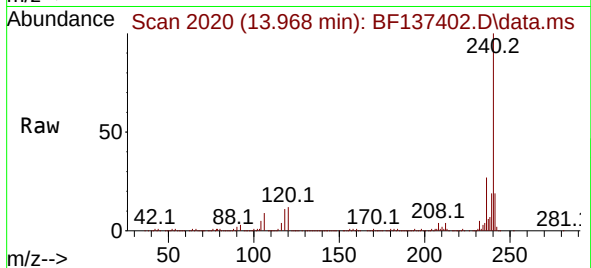
Tgt Ion:240 Resp: 787568

Ion Ratio Lower Upper

240 100

120 12.1 11.3 16.9

236 27.1 20.5 30.7



#77

Benzidine

Concen: 9.775 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.236 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

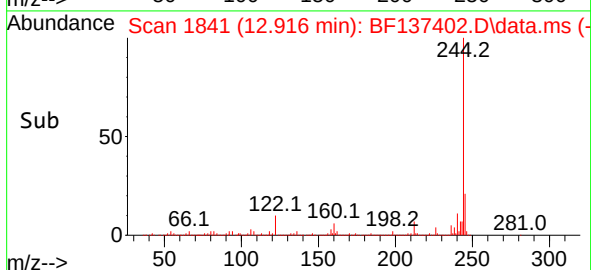
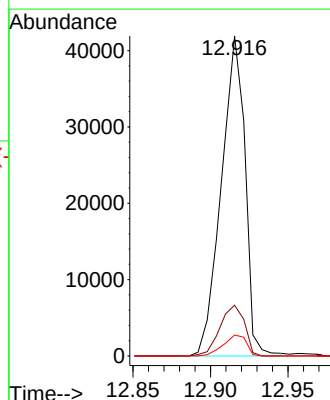
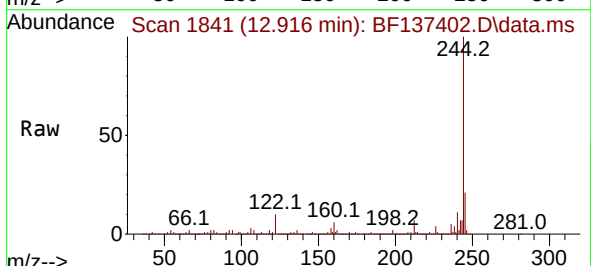
Tgt Ion:184 Resp: 44647

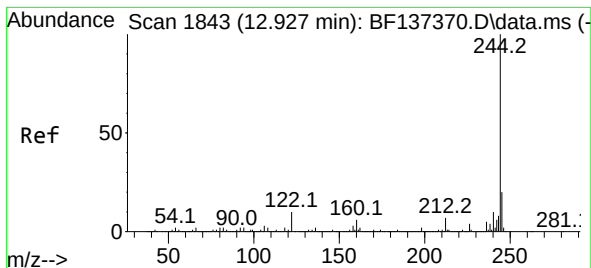
Ion Ratio Lower Upper

184 100

185 15.9 13.7 20.5

183 6.6 8.8 13.2#





#79

Terphenyl-d14

Concen: 67.793 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159259TB

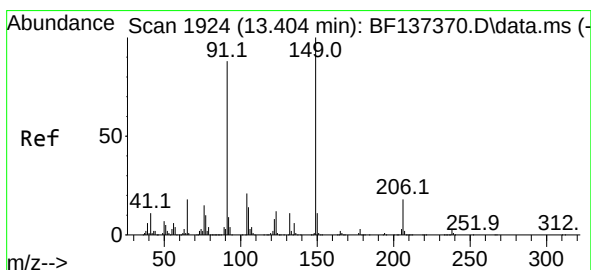
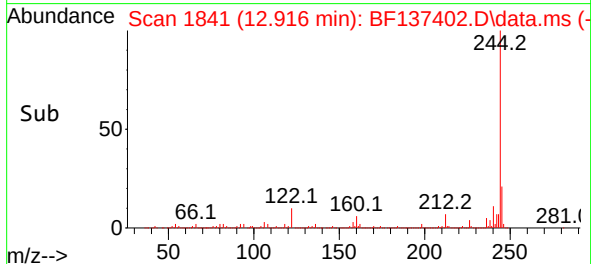
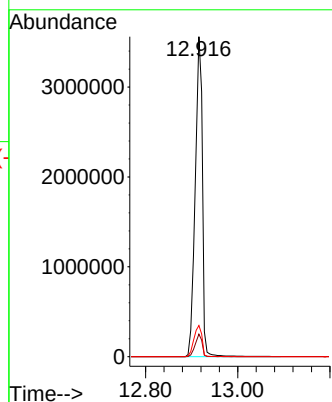
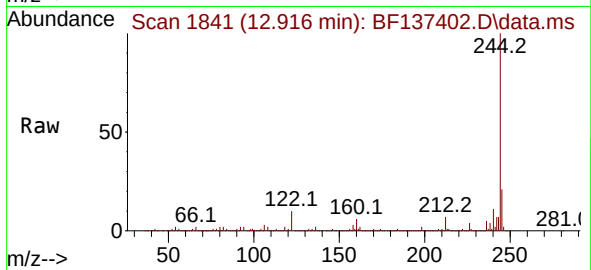
Tgt Ion:244 Resp: 3817295

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

122 9.8 8.2 12.4



#80

Butylbenzylphthalate

Concen: 3.987 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.041 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

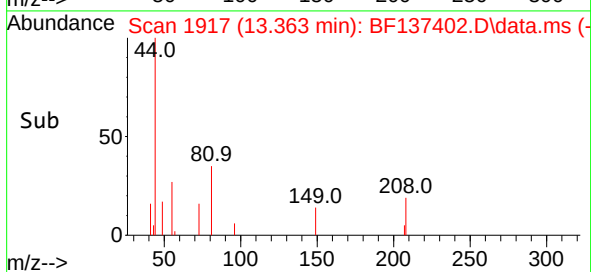
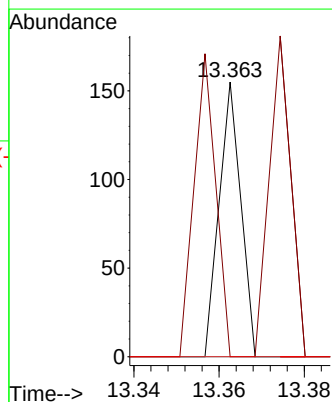
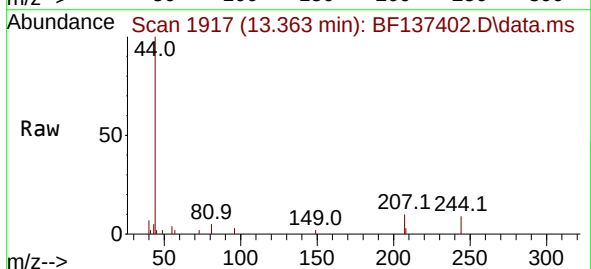
Tgt Ion:149 Resp: 55

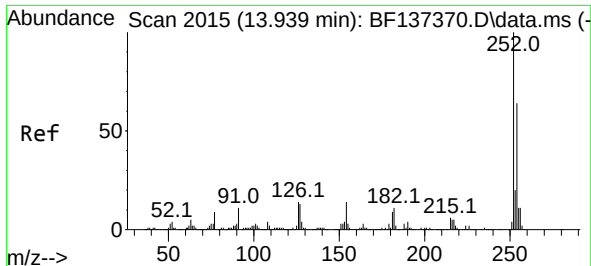
Ion Ratio Lower Upper

149 100

91 0.0 70.5 105.7#

206 0.0 14.8 22.2#

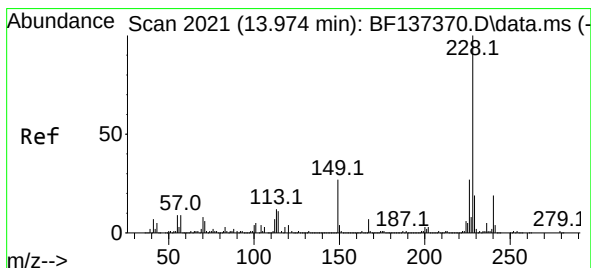
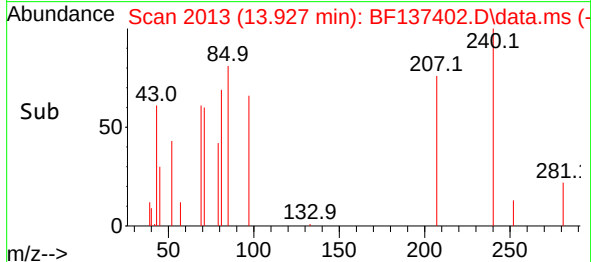
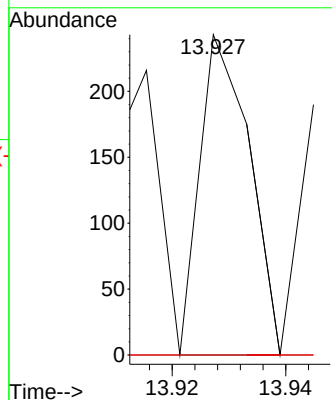
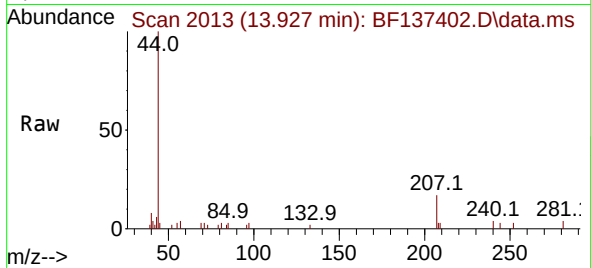




#82
 3,3'-Dichlorobenzidine
 Concen: 5.043 ng
 RT: 13.927 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF137402.D
 Acq: 27 Feb 2024 13:46

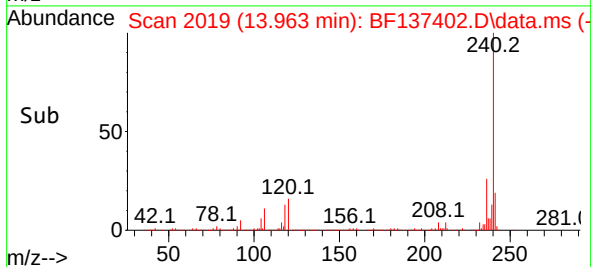
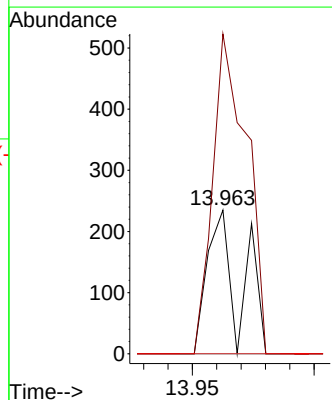
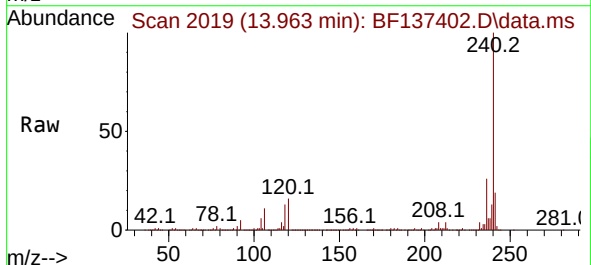
Instrument :
 BNA_F
 ClientSampleId :
 PB159259TB

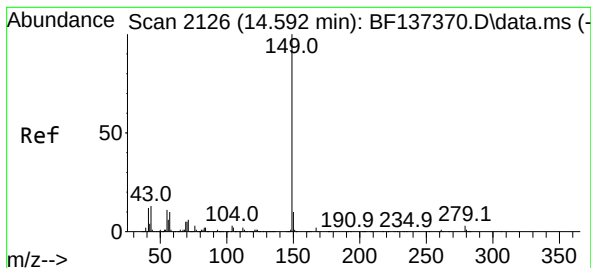
Tgt Ion:252 Resp: 148
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.2 76.8#
 126 0.0 11.1 16.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.102 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. -0.011 min
 Lab File: BF137402.D
 Acq: 27 Feb 2024 13:46

Tgt Ion:149 Resp: 218
 Ion Ratio Lower Upper
 149 100
 167 222.6 20.6 31.0#
 279 0.0 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 6.015 ng

RT: 14.598 min Scan# 2126

Delta R.T. 0.006 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159259TB

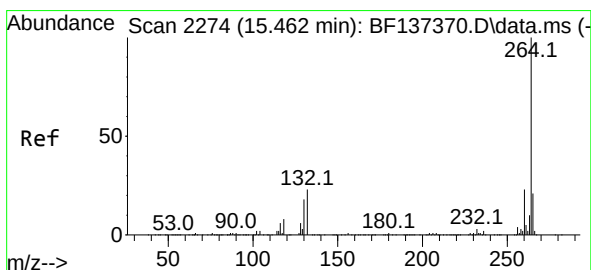
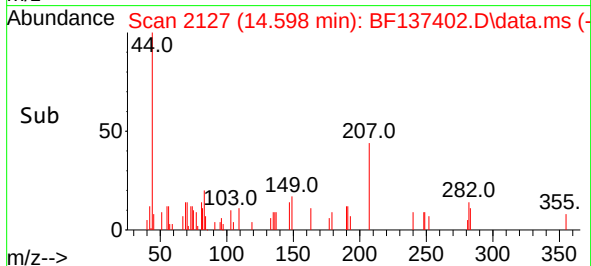
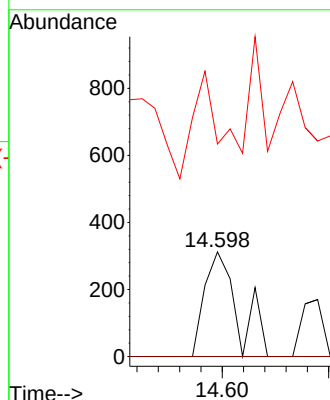
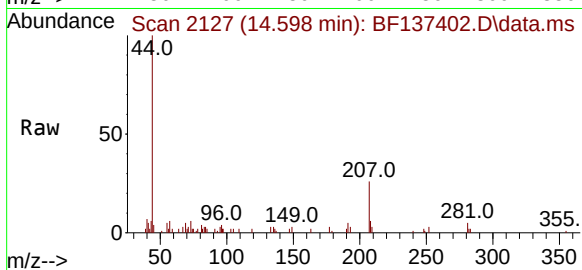
Tgt Ion:149 Resp: 340

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 86.5 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF137402.D

Acq: 27 Feb 2024 13:46

Tgt Ion:264 Resp: 622619

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 21.8 16.9 25.3

