

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137596.D
 Acq On : 14 Mar 2024 18:01
 Operator : CG\JU
 Sample : P1746-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-4.0

Quant Time: Mar 14 18:32:15 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)

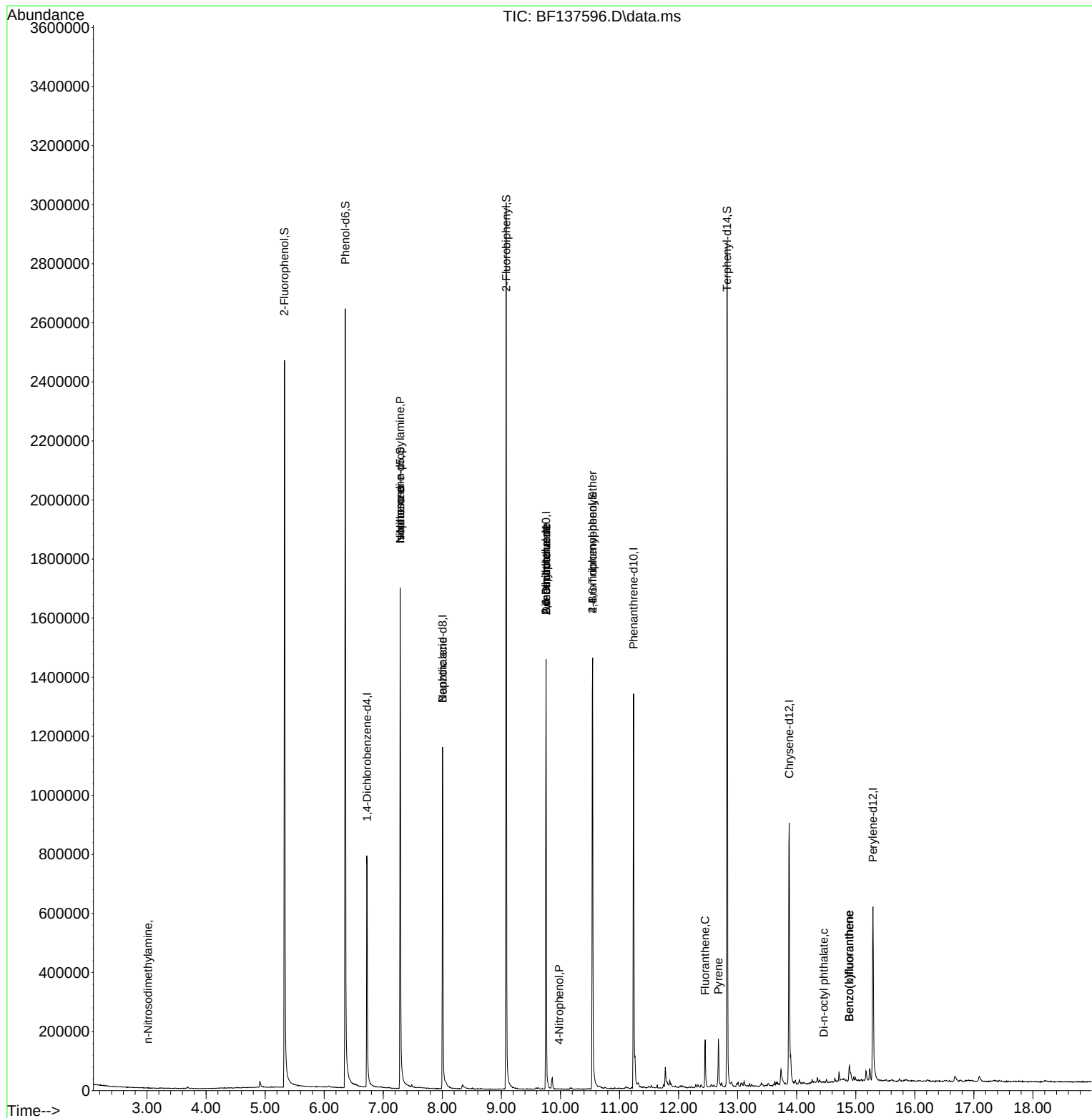
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	132427	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	515443	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	287113	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	490057	20.000	ng	0.00
76) Chrysene-d12	13.874	240	308439	20.000	ng	0.00
86) Perylene-d12	15.292	264	279327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	703507	80.459	ng	0.00
7) Phenol-d6	6.357	99	950828	75.335	ng	-0.01
23) Nitrobenzene-d5	7.286	82	572242	51.584	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	183197	72.658	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	882652	48.123	ng	0.00
79) Terphenyl-d14	12.821	244	964893	43.018	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.016	42	498	3.907	ng	# 1
19) n-Nitroso-di-n-propyla...	7.286	70	70908	9.098	ng	# 81
25) Isophorone	7.286	82	572242	27.152	ng	# 69
32) Benzoic acid	8.004	122	129	6.322	ng	# 1
50) Dimethylphthalate	9.757	163	43436	2.173	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	37566	8.986	ng	# 20
56) 4-Nitrophenol	9.980	139	61	4.545	ng	# 5
57) 2,4-Dinitrotoluene	9.757	165	37649	7.331	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	12083	2.264	ng	# 1
75) Fluoranthene	12.451	202	71137	2.729	ng	95
78) Pyrene	12.674	202	68143	2.252	ng	98
85) Di-n-octyl phthalate	14.457	149	220	5.617	ng	# 66
88) Benzo(b)fluoranthene	14.892	252	40729	2.465	ng	96
89) Benzo(k)fluoranthene	14.892	252	40729	2.295	ng	98

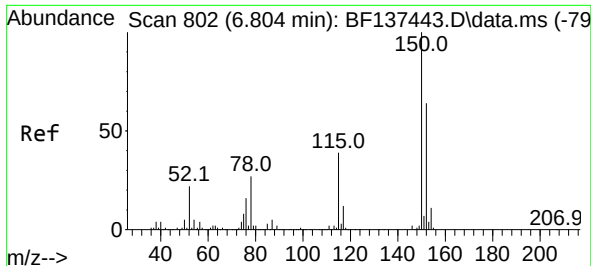
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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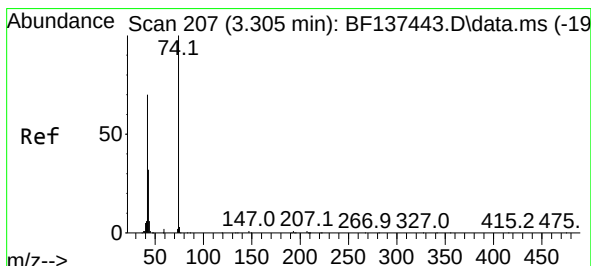
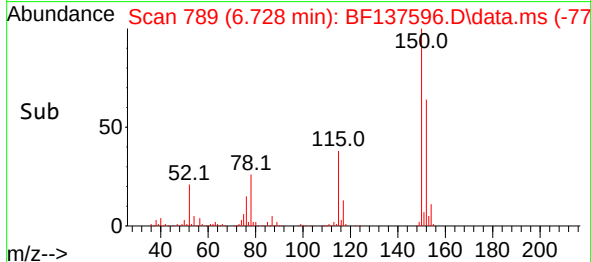
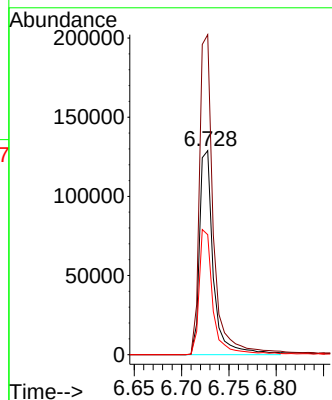
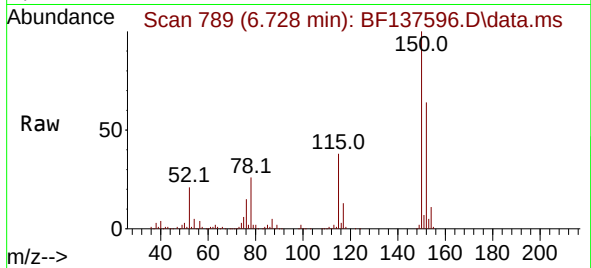




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

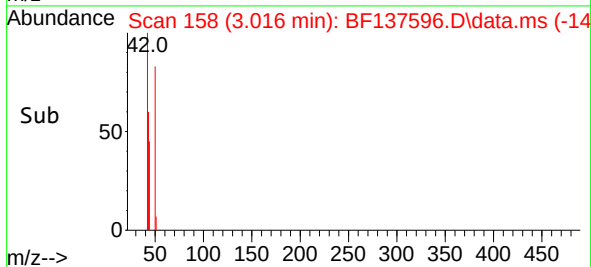
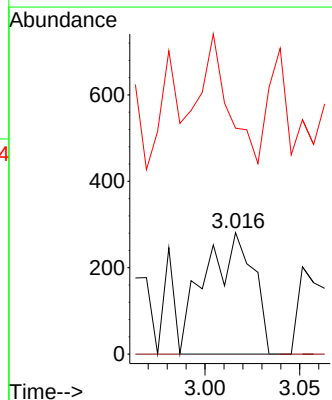
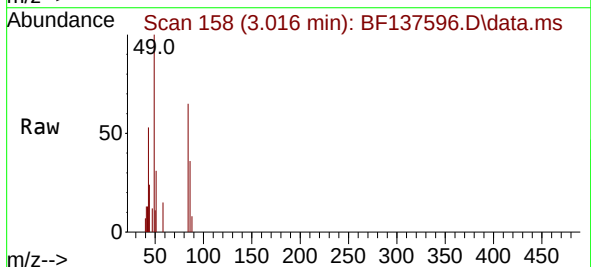
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

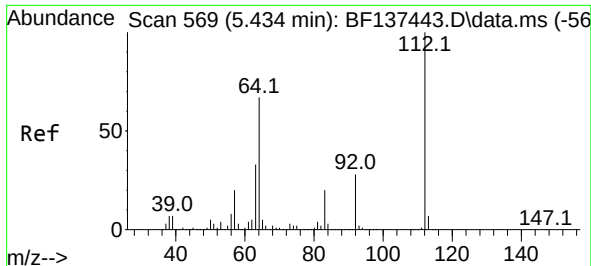
Tgt Ion:152 Resp: 132427
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 58.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.907 ng
RT: 3.016 min Scan# 158
Delta R.T. -0.024 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion: 42 Resp: 498
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 186.1 7.0 10.4#

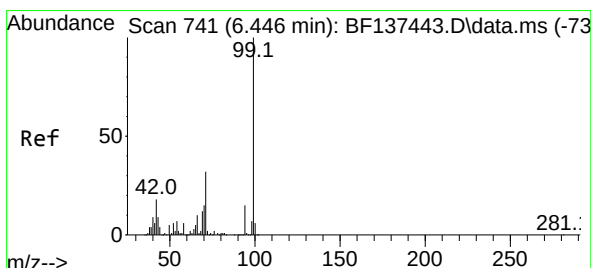
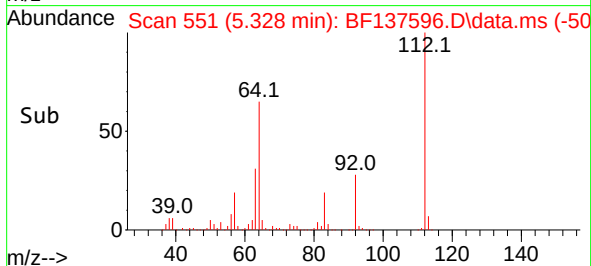
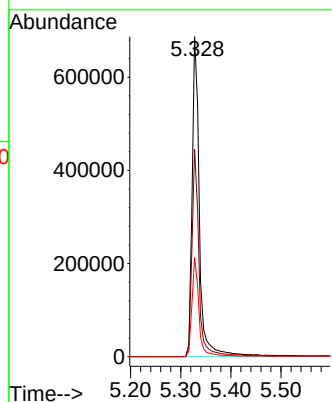
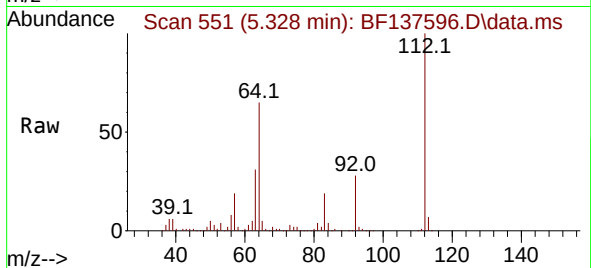




#5
2-Fluorophenol
Concen: 80.459 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

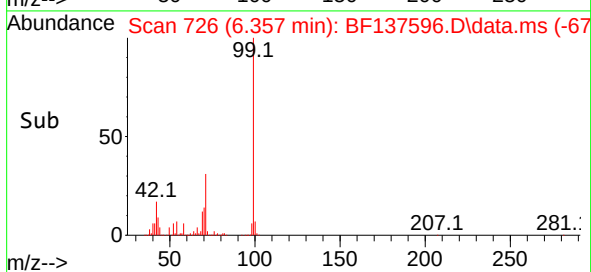
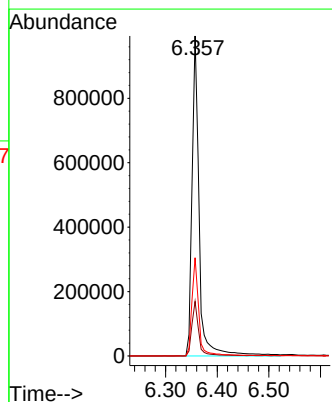
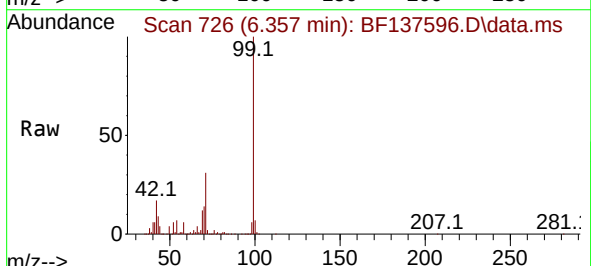
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

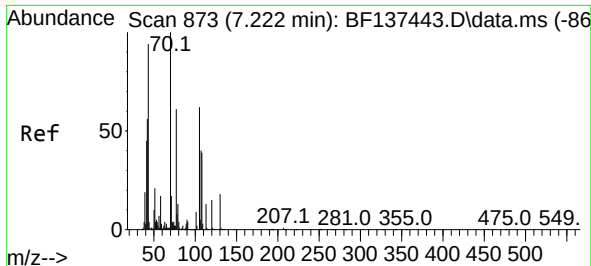
Tgt Ion:112 Resp: 703507
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 31.0 26.2 39.2



#7
Phenol-d6
Concen: 75.335 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion: 99 Resp: 950828
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 30.7 25.3 37.9

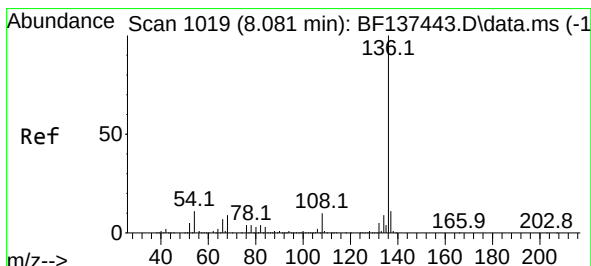
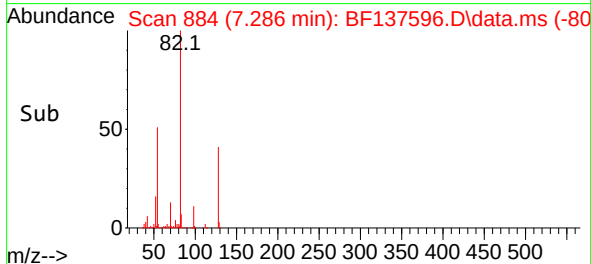
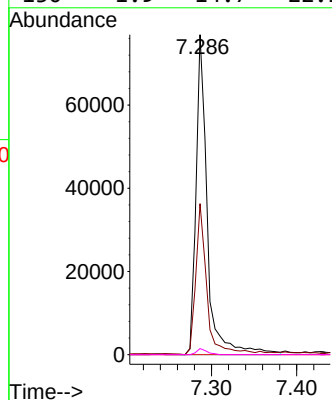
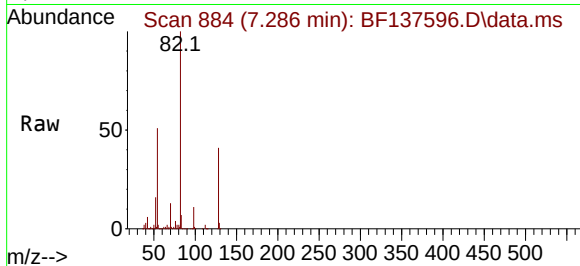




#19
n-Nitroso-di-n-propylamine
Concen: 9.098 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

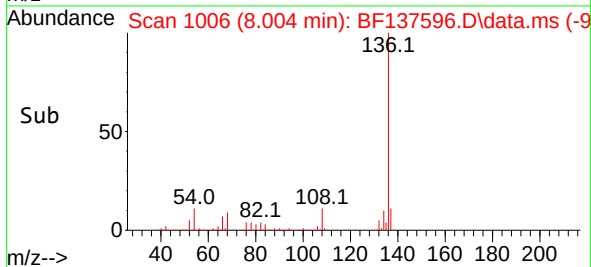
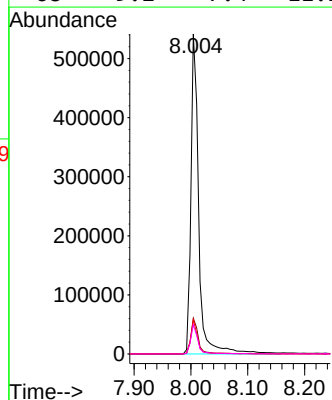
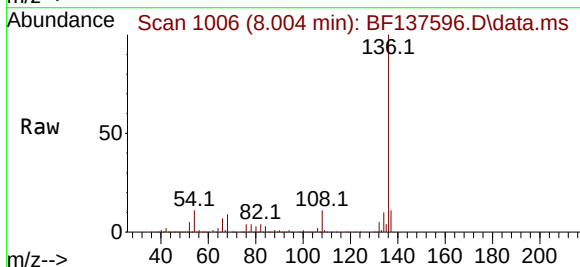
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

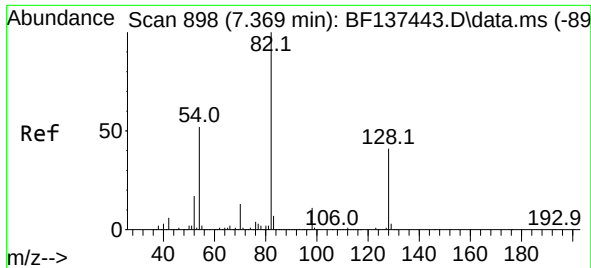
Tgt Ion:	70	Resp:	70908
Ion	Ratio	Lower	Upper
70	100		
42	47.2	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:	136	Resp:	515443
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.7	8.5	12.7
68	9.2	7.4	11.2

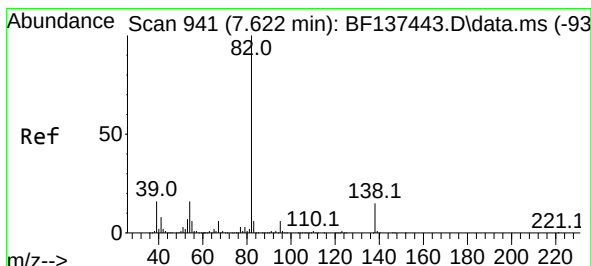
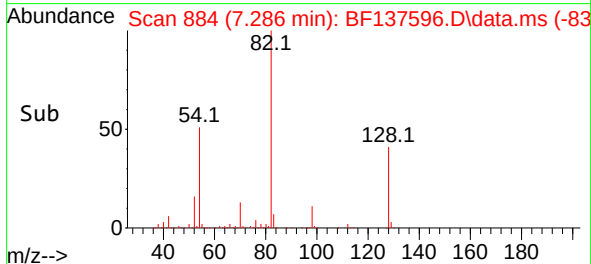
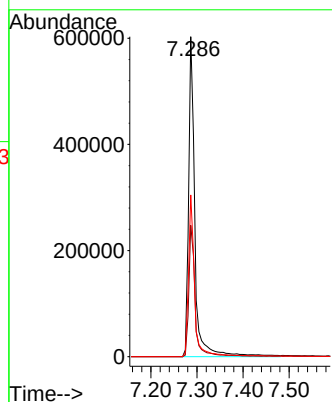
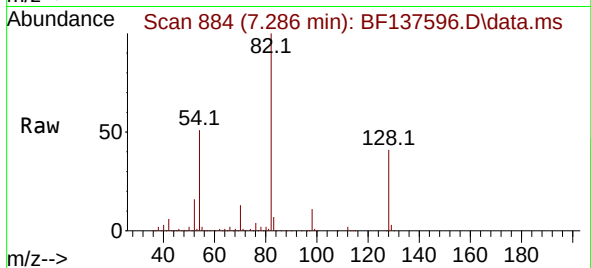




#23
Nitrobenzene-d5
Concen: 51.584 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

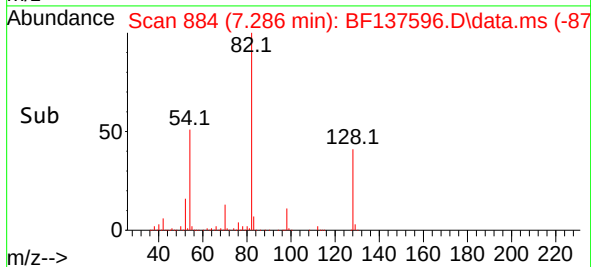
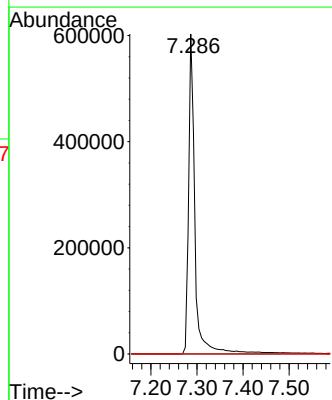
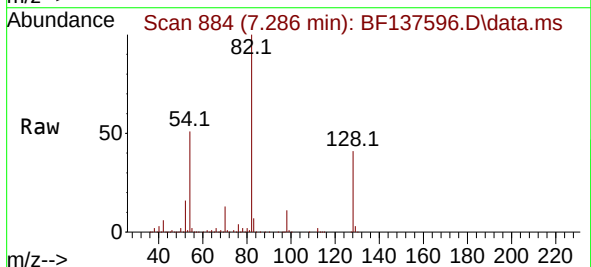
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

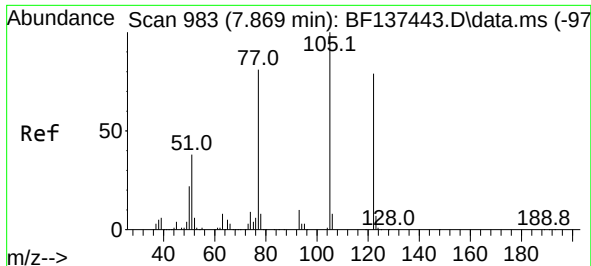
Tgt Ion: 82 Resp: 572242
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 50.5 41.5 62.3



#25
Isophorone
Concen: 27.152 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.265 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion: 82 Resp: 572242
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

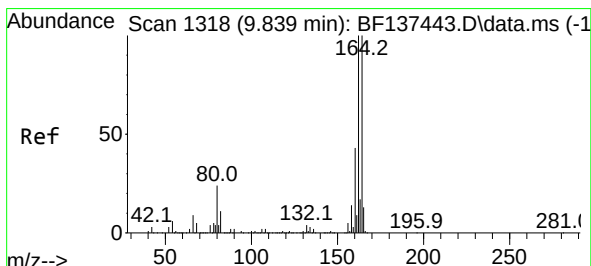
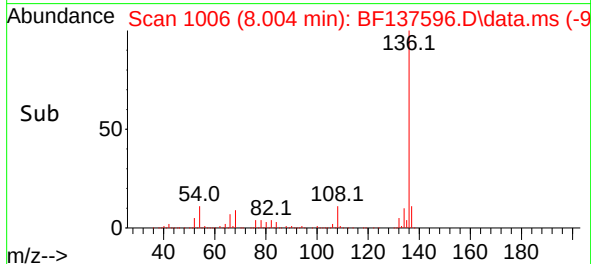
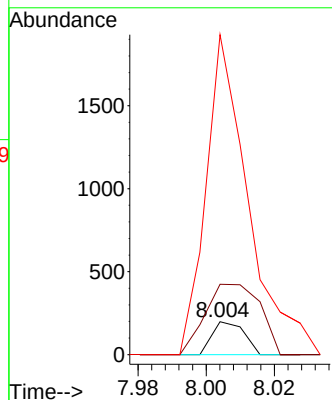
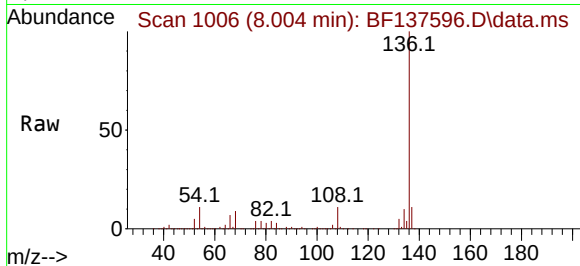




#32
Benzoic acid
Concen: 6.322 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

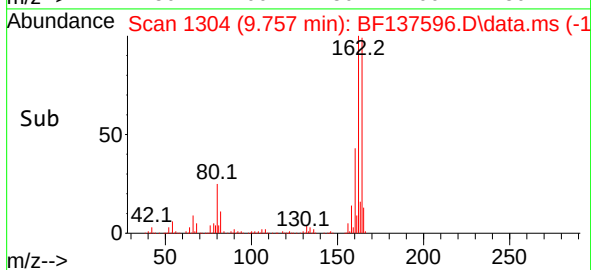
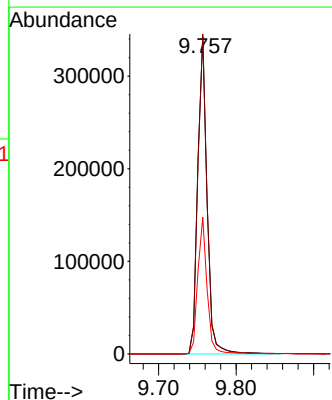
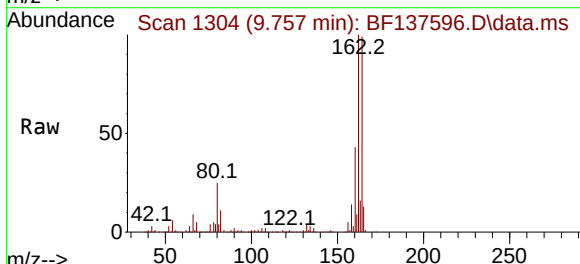
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

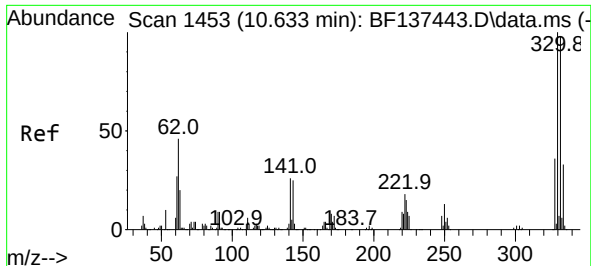
Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 214.1 102.4 142.4#
77 973.7 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:164 Resp: 287113
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 72.658 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-4.0

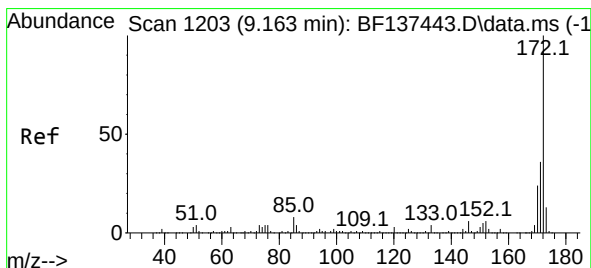
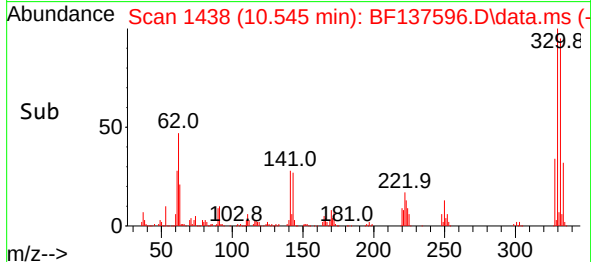
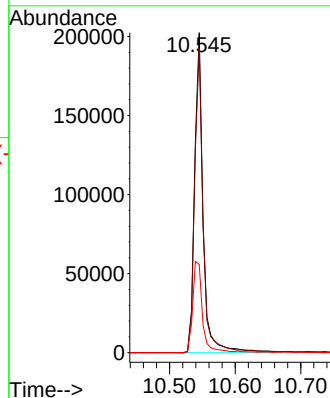
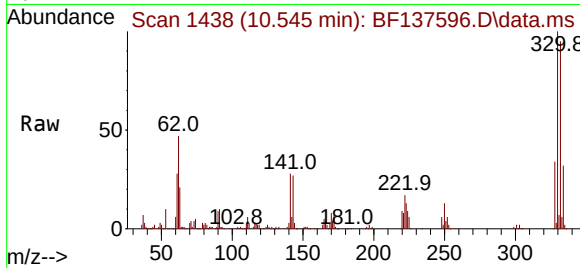
Tgt Ion:330 Resp: 183197

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

141 32.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 48.123 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

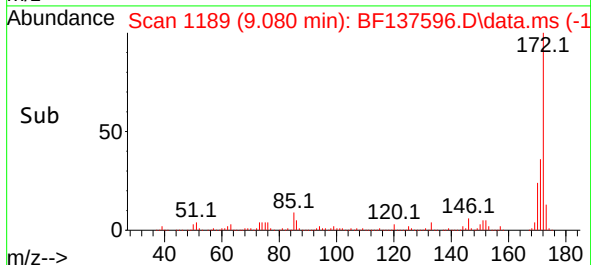
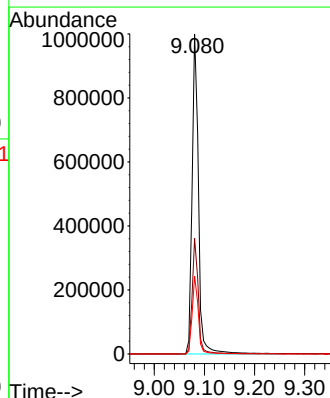
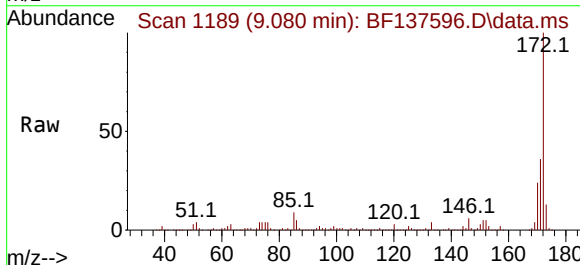
Tgt Ion:172 Resp: 882652

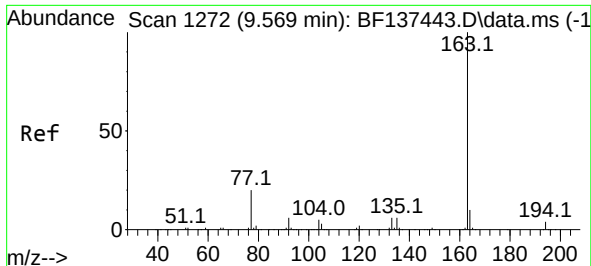
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.3 19.0 28.6

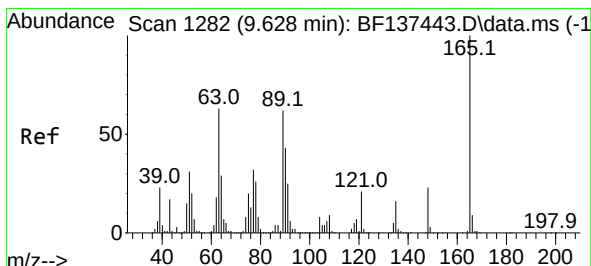
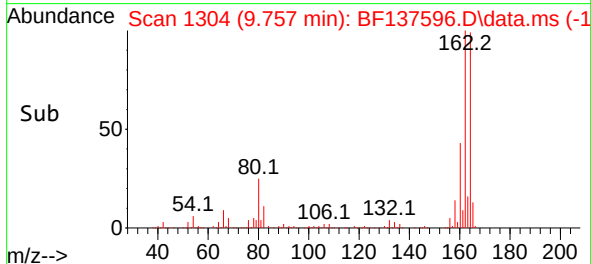
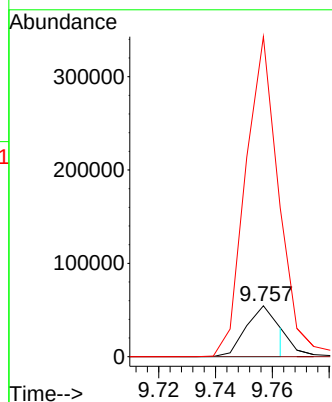
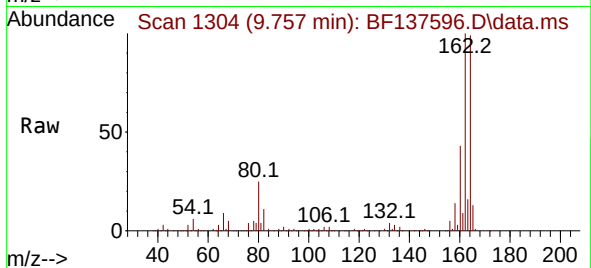




#50
Dimethylphthalate
Concen: 2.173 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

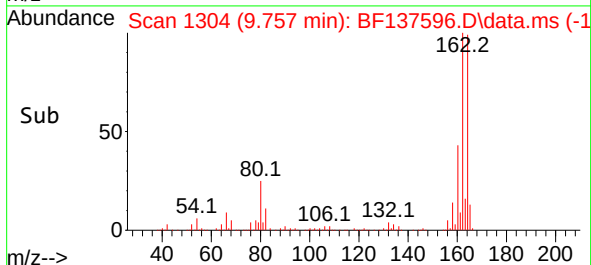
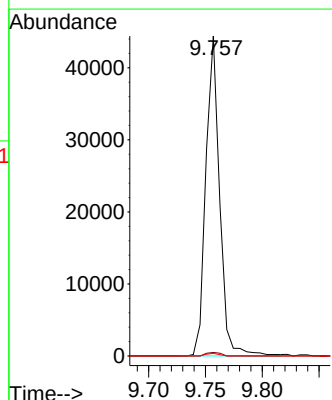
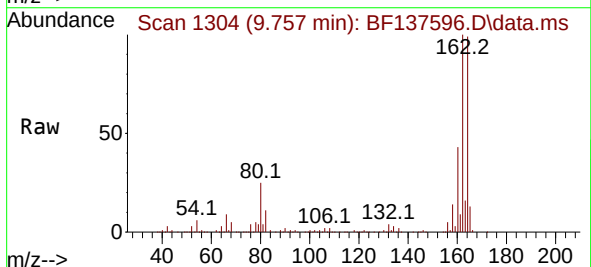
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

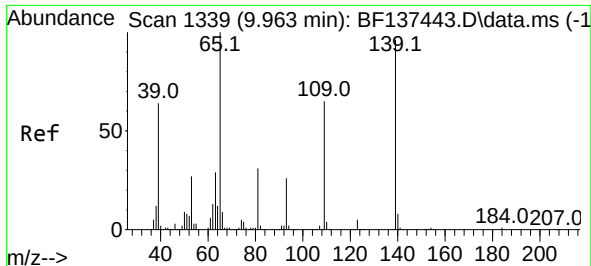
Tgt Ion:163 Resp: 43436
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 627.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.986 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:165 Resp: 37566
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 0.8 50.0 75.0#

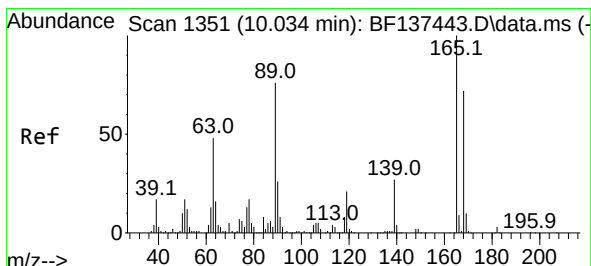
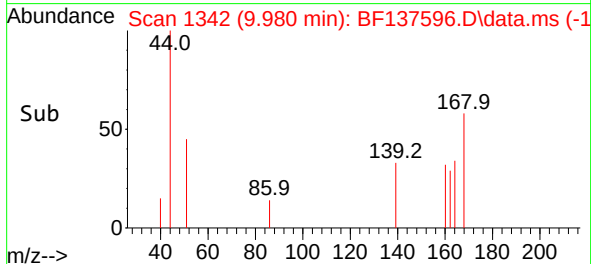
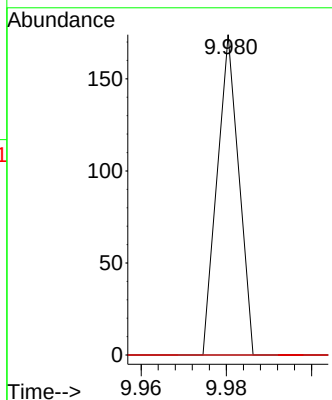
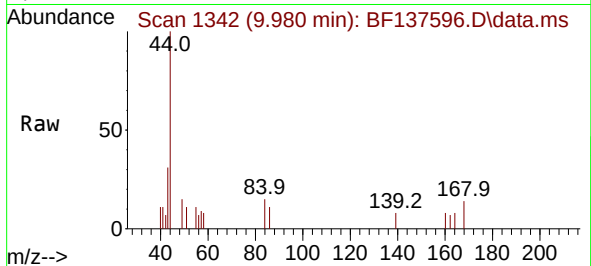




#56
4-Nitrophenol
Concen: 4.545 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

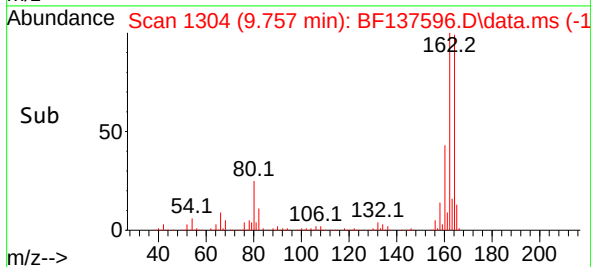
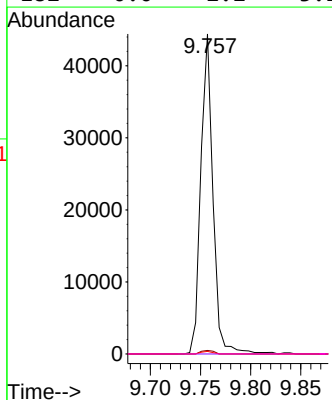
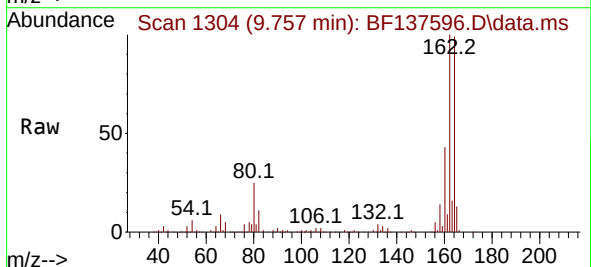
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

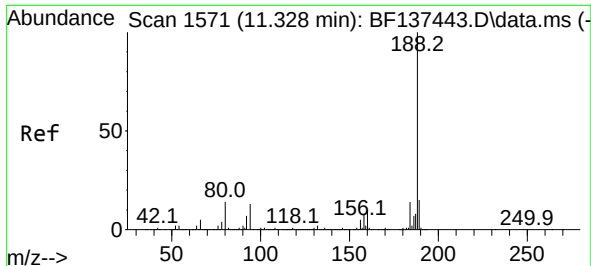
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.331 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:165 Resp: 37649
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 0.8 60.9 91.3#
182 0.0 2.2 3.2#

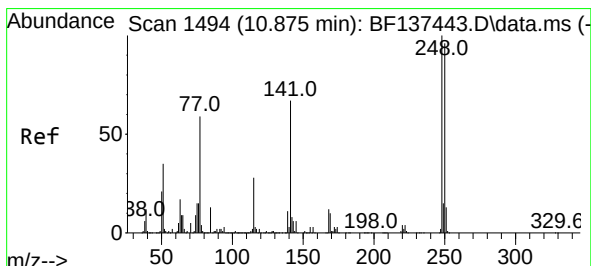
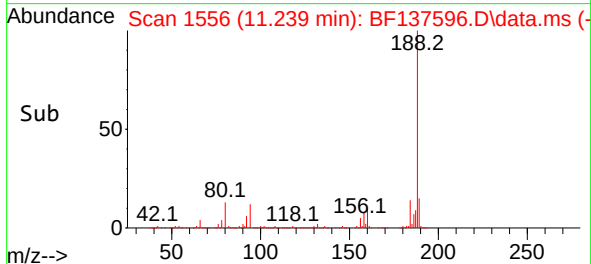
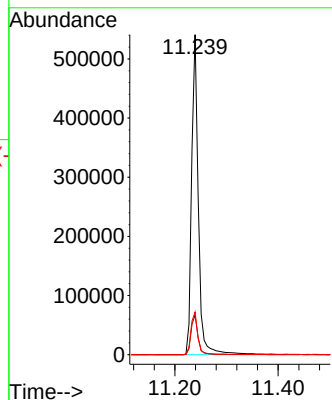
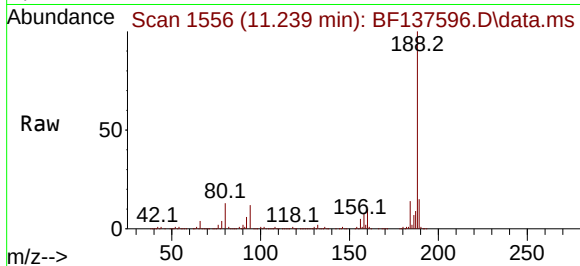




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

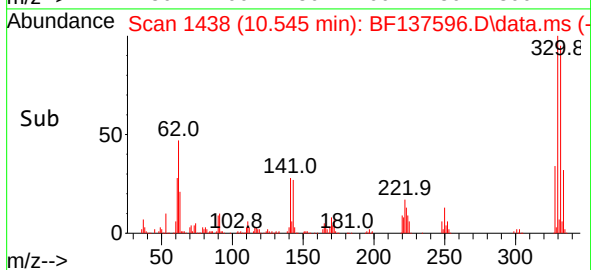
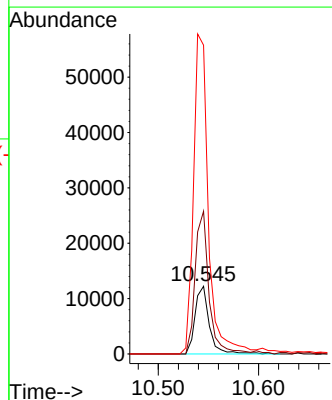
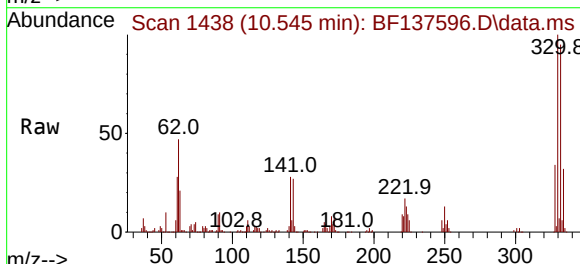
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

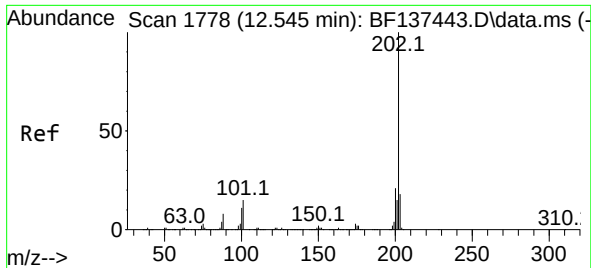
Tgt Ion:188 Resp: 490057
Ion Ratio Lower Upper
188 100
94 12.4 10.6 15.8
80 13.3 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 2.264 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:248 Resp: 12083
Ion Ratio Lower Upper
248 100
250 210.6 76.8 115.2#
141 455.7 53.4 80.0#

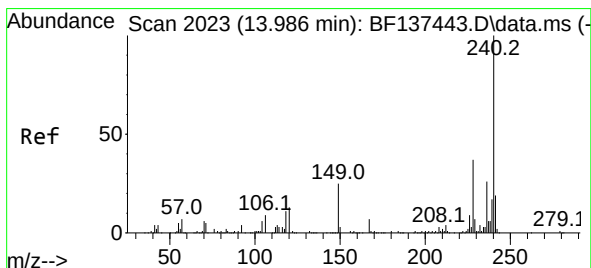
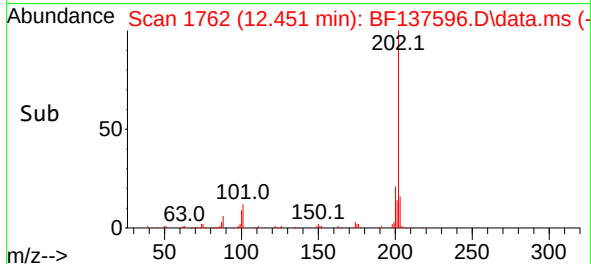
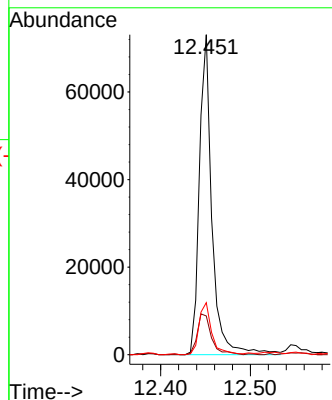
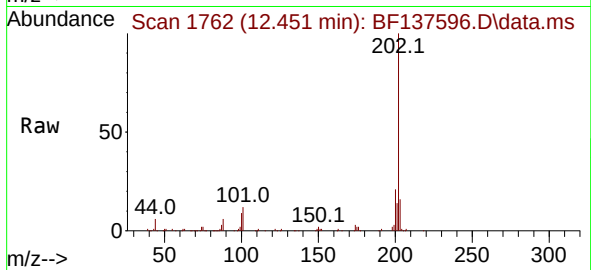




#75
Fluoranthene
Concen: 2.729 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

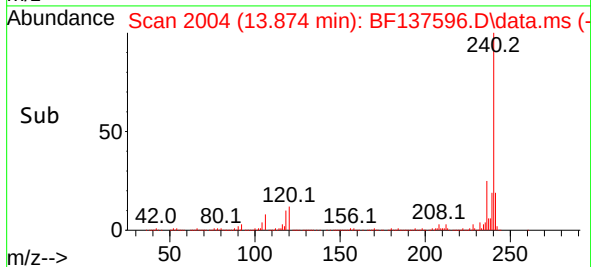
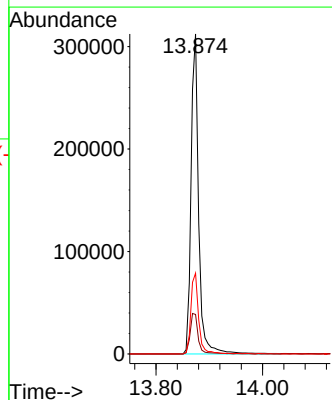
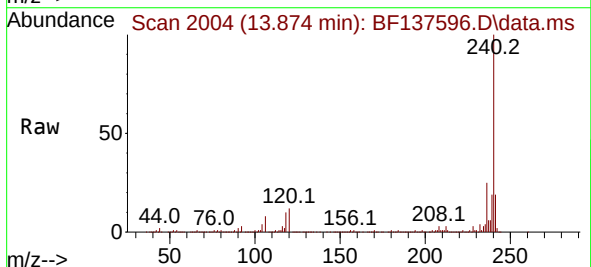
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

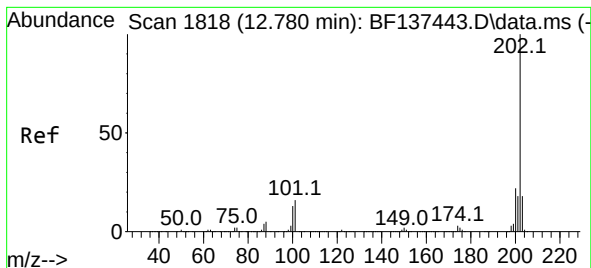
Tgt Ion:202 Resp: 71137
Ion Ratio Lower Upper
202 100
101 12.1 0.0 35.0
203 16.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:240 Resp: 308439
Ion Ratio Lower Upper
240 100
120 12.3 10.4 15.6
236 25.3 20.9 31.3





#78

Pyrene

Concen: 2.252 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-4.0

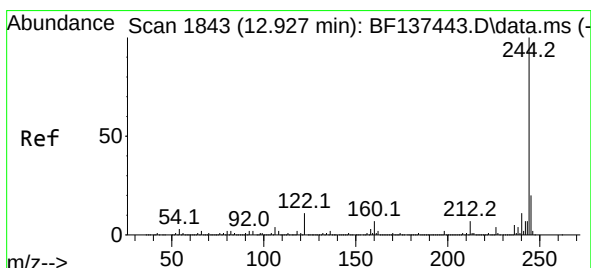
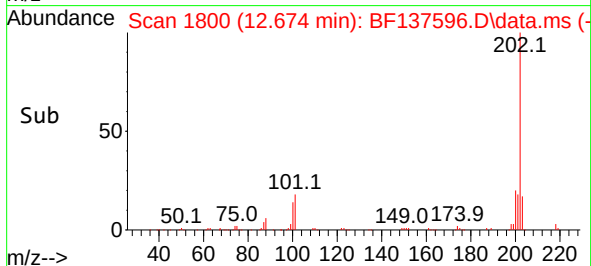
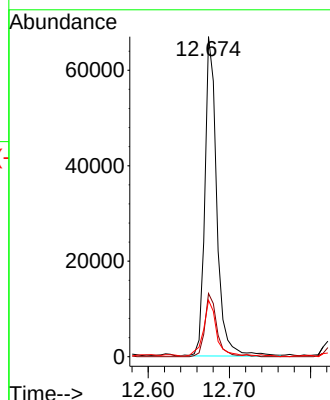
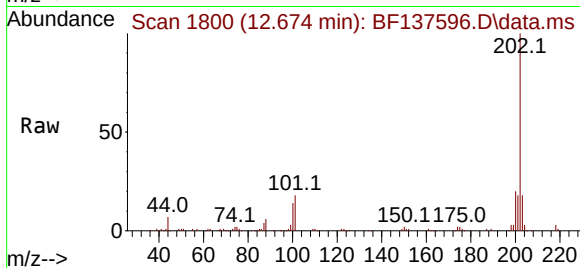
Tgt Ion:202 Resp: 68143

Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

203 17.6 14.1 21.1



#79

Terphenyl-d14

Concen: 43.018 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

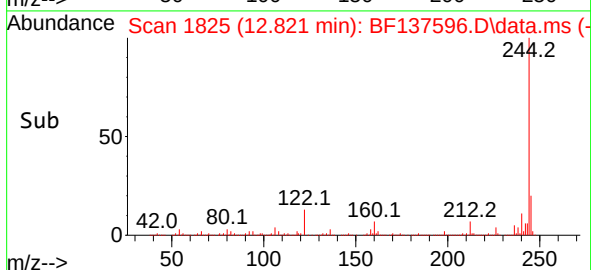
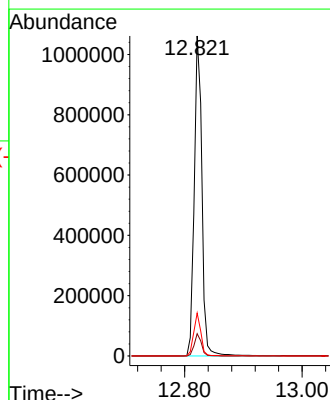
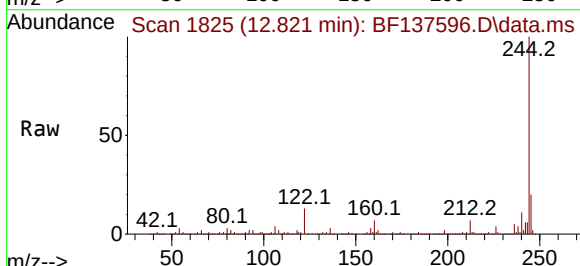
Tgt Ion:244 Resp: 964893

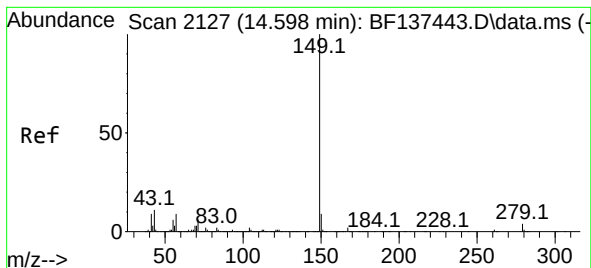
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 13.4 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.617 ng

RT: 14.457 min Scan# 2127

Delta R.T. -0.018 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-4.0

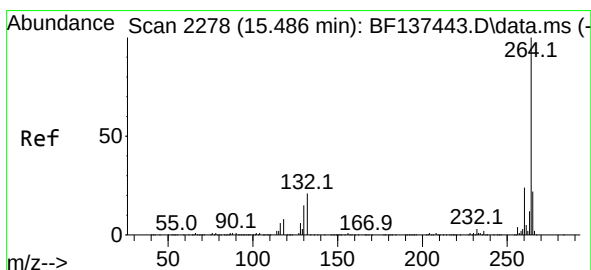
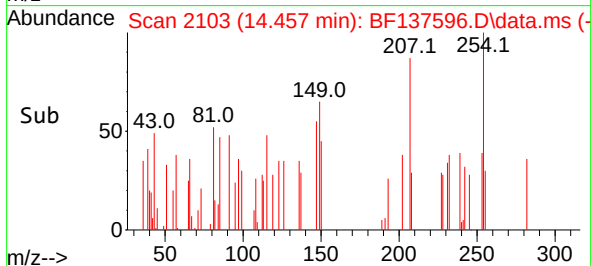
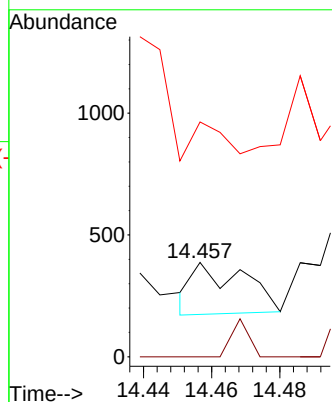
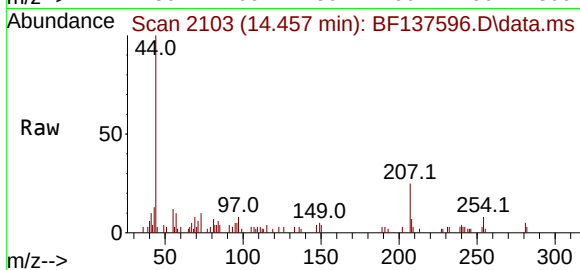
Tgt Ion:149 Resp: 220

Ion Ratio Lower Upper

149 100

167 25.0 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

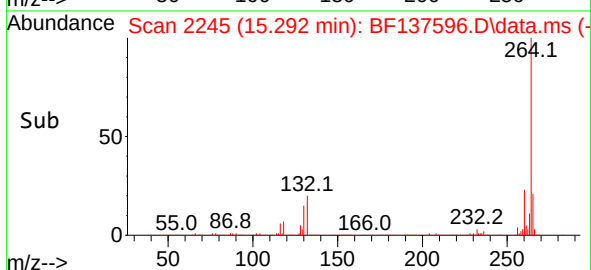
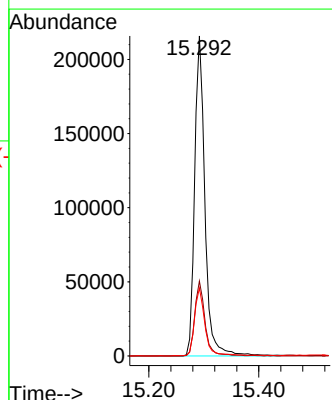
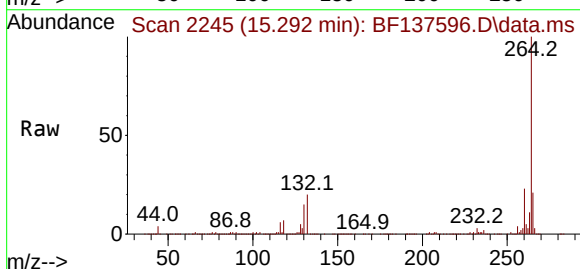
Tgt Ion:264 Resp: 279327

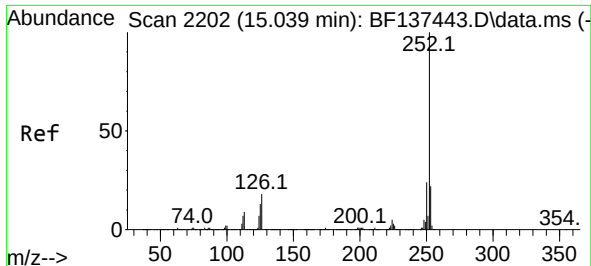
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.3 17.4 26.0

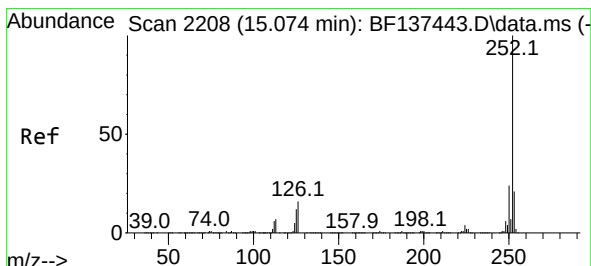
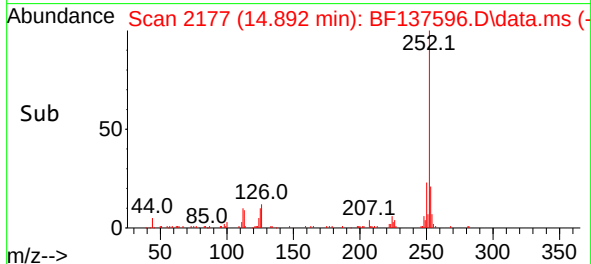
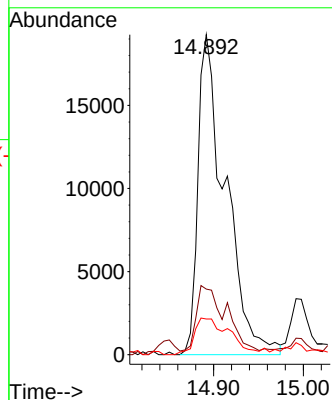
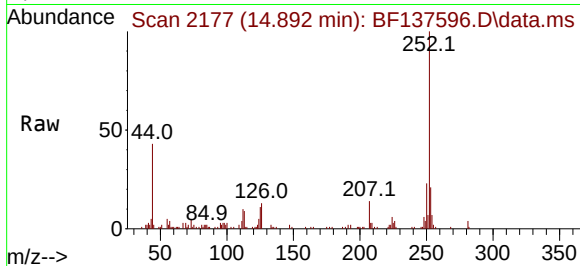




#88
Benzo(b)fluoranthene
Concen: 2.465 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

Tgt Ion:252 Resp: 40729
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 11.2 10.1 15.1



#89
Benzo(k)fluoranthene
Concen: 2.295 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.030 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:252 Resp: 40729
Ion Ratio Lower Upper
252 100
253 20.5 17.3 25.9
125 11.2 9.6 14.4

