

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137597.D
 Acq On : 14 Mar 2024 18:31
 Operator : CG\JU
 Sample : P1746-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-4.0-6.0

Quant Time: Mar 14 19:20:32 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)

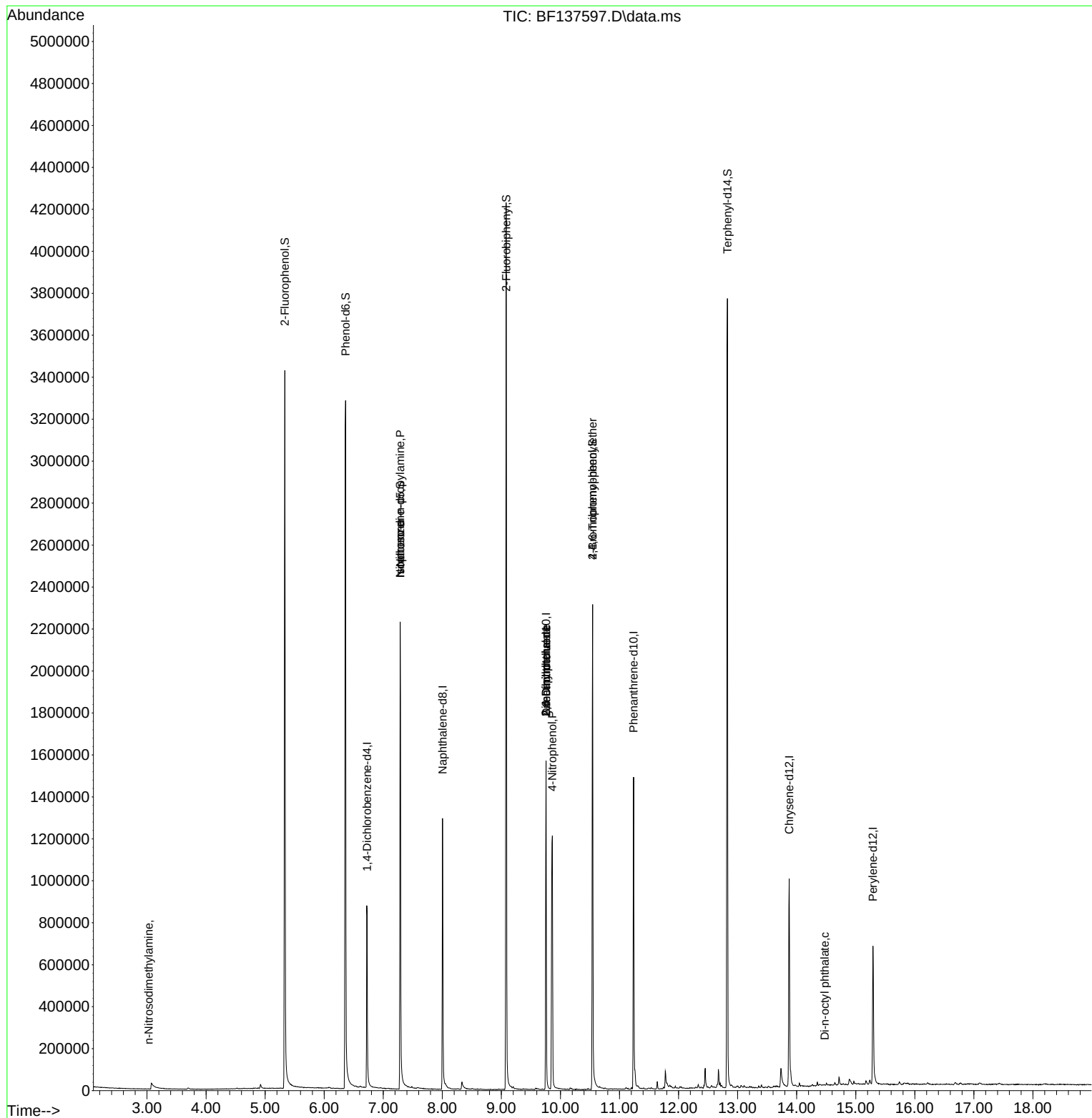
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	142956	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	567873	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	309716	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	538363	20.000	ng	0.00
76) Chrysene-d12	13.874	240	352138	20.000	ng	0.00
86) Perylene-d12	15.292	264	309037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	974978	103.293	ng	0.00
7) Phenol-d6	6.363	99	1321323	96.979	ng	0.00
23) Nitrobenzene-d5	7.286	82	783951	64.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	267623	98.396	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1290238	65.211	ng	0.00
79) Terphenyl-d14	12.827	244	1414500	55.237	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.028	42	403	3.882	ng	# 1
19) n-Nitroso-di-n-propyla...	7.286	70	101973	12.120	ng	# 80
25) Isophorone	7.286	82	783945	33.763	ng	# 69
50) Dimethylphthalate	9.757	163	47751	2.215	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	40640	9.012	ng	# 20
56) 4-Nitrophenol	9.863	139	1012	4.808	ng	# 1
57) 2,4-Dinitrotoluene	9.757	165	40700	7.346	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	17325	2.955	ng	# 1
85) Di-n-octyl phthalate	14.474	149	296	5.619	ng	# 1

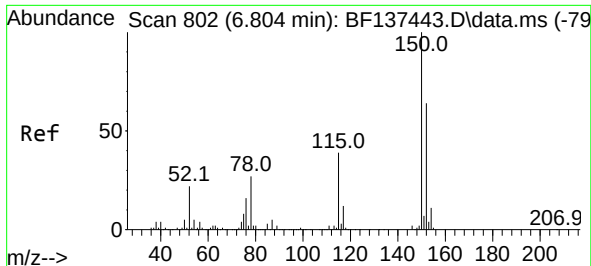
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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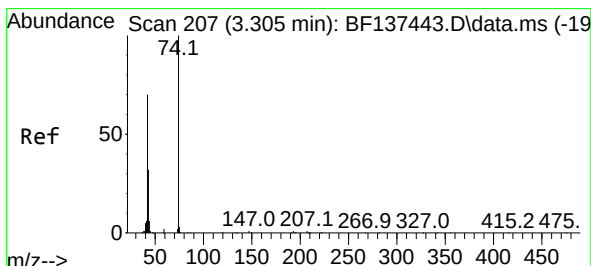
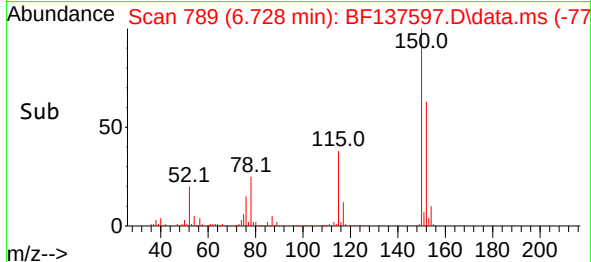
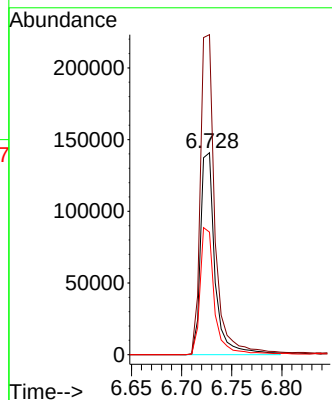
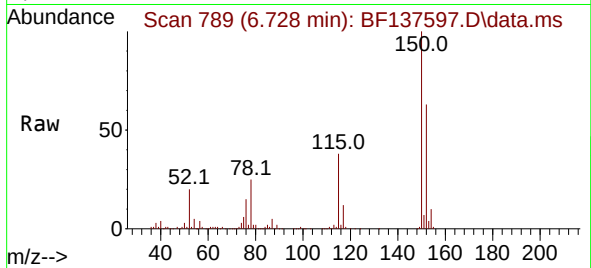




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

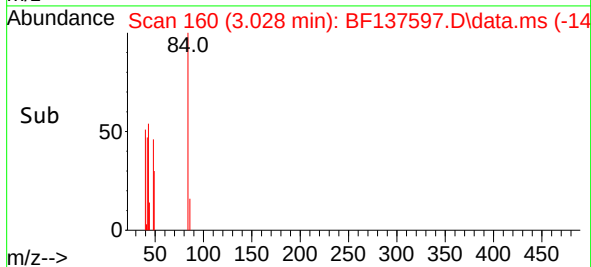
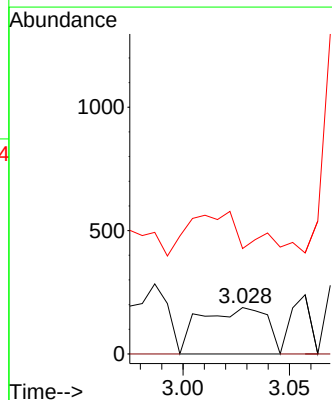
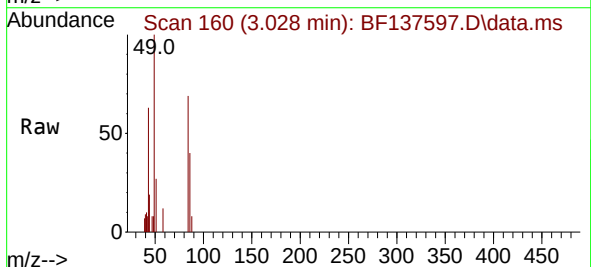
Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

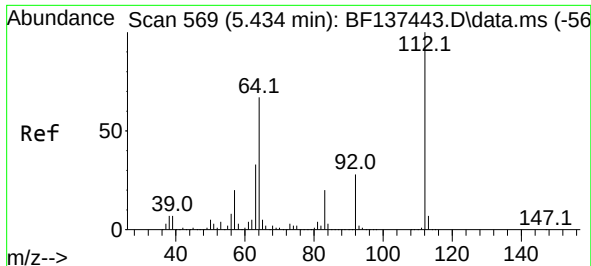
Tgt Ion:152 Resp: 142956
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 60.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.882 ng
RT: 3.028 min Scan# 160
Delta R.T. -0.012 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion: 42 Resp: 403
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 227.1 7.0 10.4#

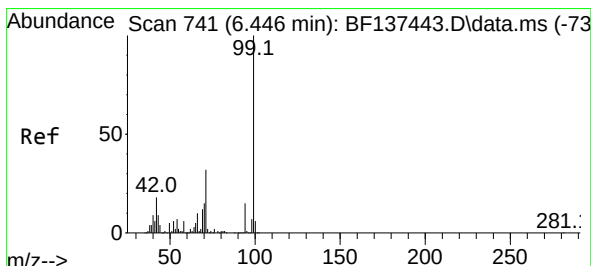
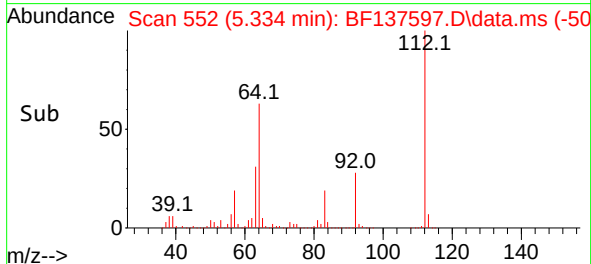
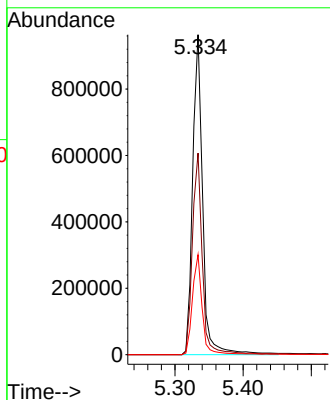
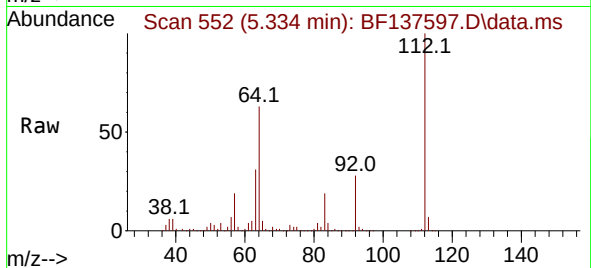




#5
2-Fluorophenol
Concen: 103.293 ng
RT: 5.334 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

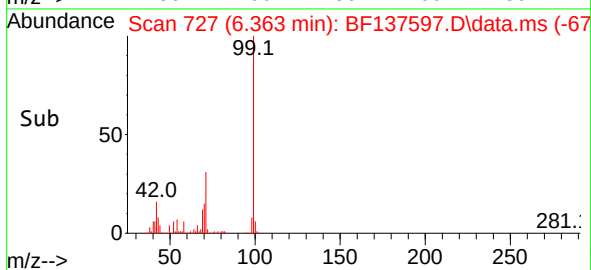
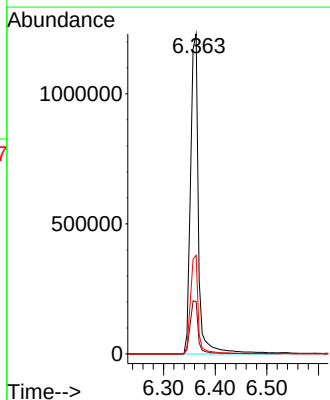
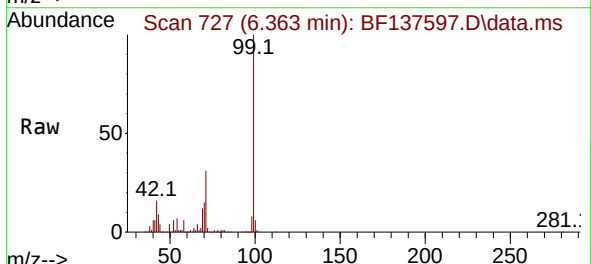
Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

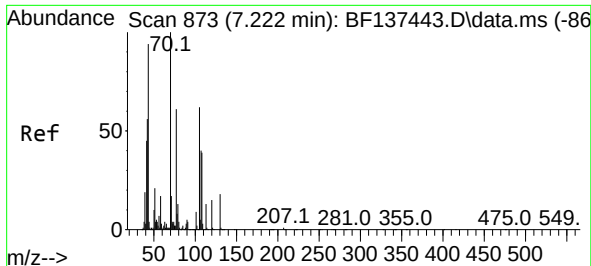
Tgt Ion:112 Resp: 974978
Ion Ratio Lower Upper
112 100
64 63.0 53.4 80.2
63 31.2 26.2 39.2



#7
Phenol-d6
Concen: 96.979 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion: 99 Resp: 1321323
Ion Ratio Lower Upper
99 100
42 16.4 14.6 21.8
71 30.8 25.3 37.9



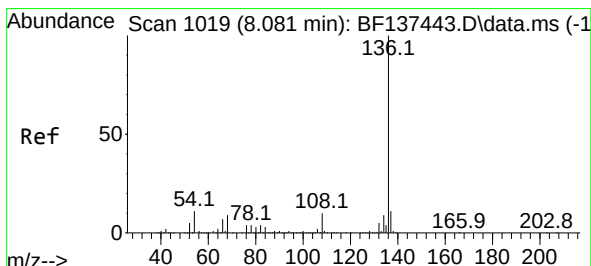
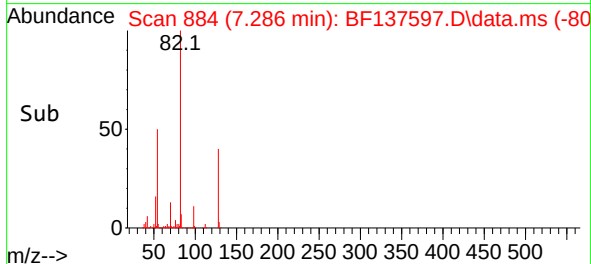
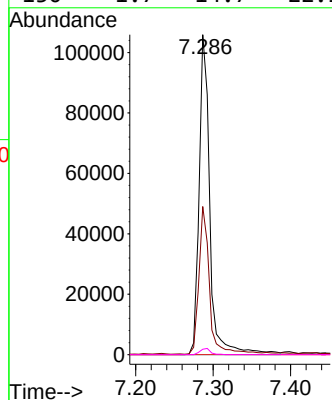
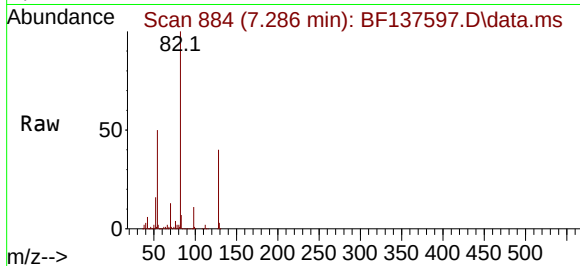


#19
n-Nitroso-di-n-propylamine
Concen: 12.120 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion: 70 Resp: 101973

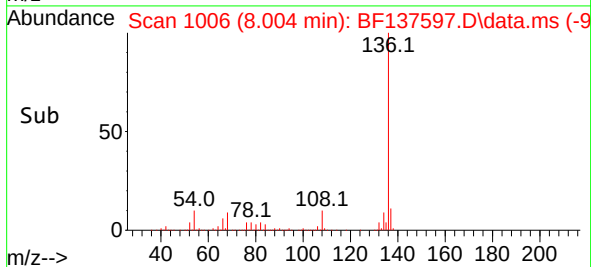
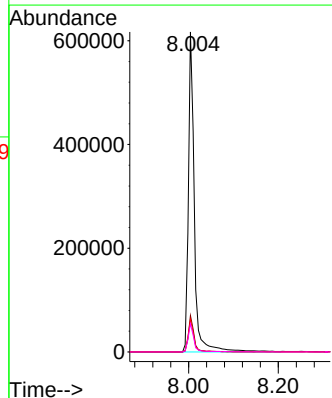
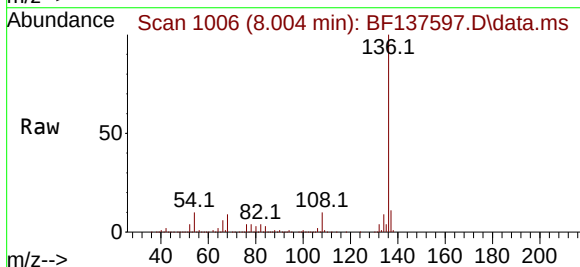
Ion	Ratio	Lower	Upper
70	100		
42	46.3	45.2	67.8
101	0.0	7.3	10.9#
130	1.7	14.7	22.1#

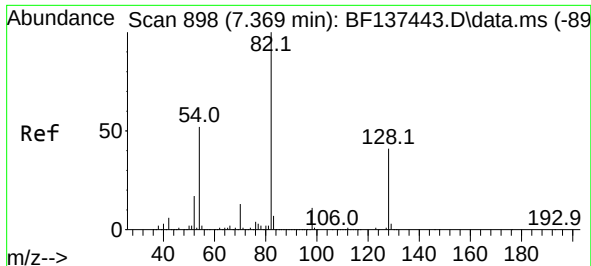


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion: 136 Resp: 567873

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.2	8.5	12.7
68	8.8	7.4	11.2





#23

Nitrobenzene-d5

Concen: 64.144 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137597.D

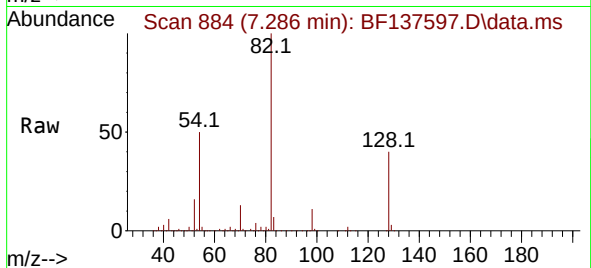
Acq: 14 Mar 2024 18:31

Instrument :

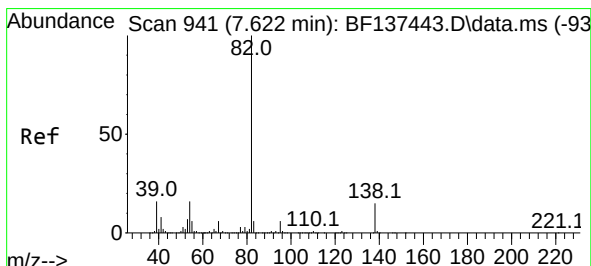
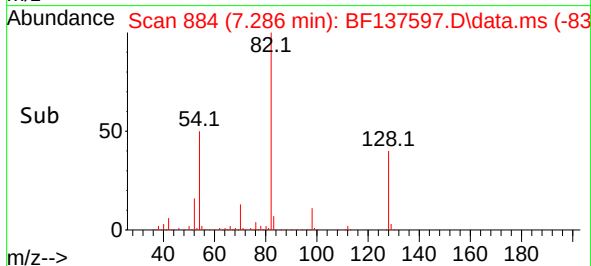
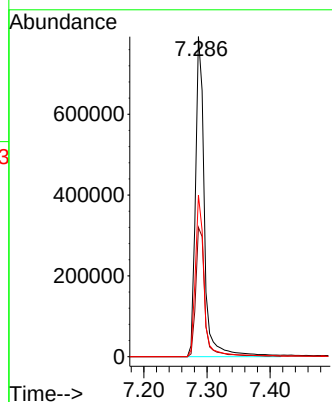
BNA_F

ClientSampleId :

SB-04-4.0-6.0



Tgt Ion:	82	Resp:	783951
Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.5	48.7
54	50.5	41.5	62.3



#25

Isophorone

Concen: 33.763 ng

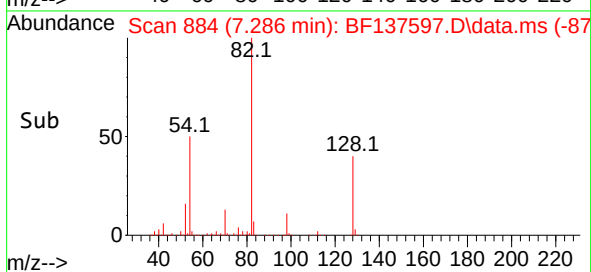
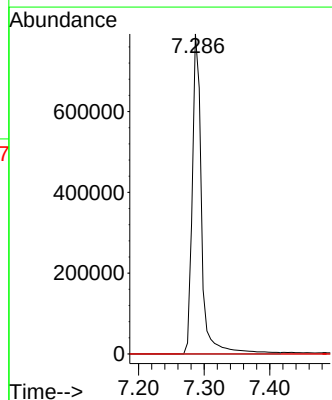
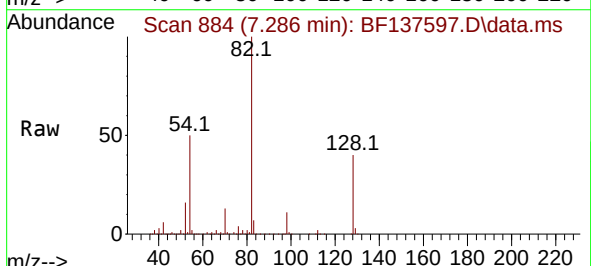
RT: 7.286 min Scan# 884

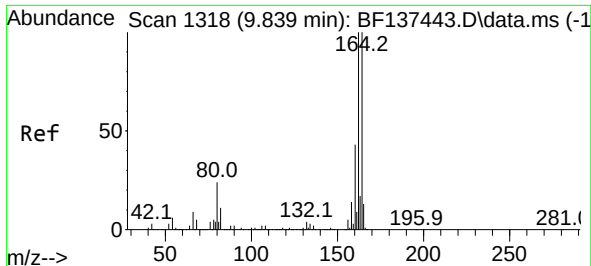
Delta R.T. -0.265 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

Tgt Ion:	82	Resp:	783945
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	11.8	17.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

Instrument :

BNA_F

ClientSampleId :

SB-04-4.0-6.0

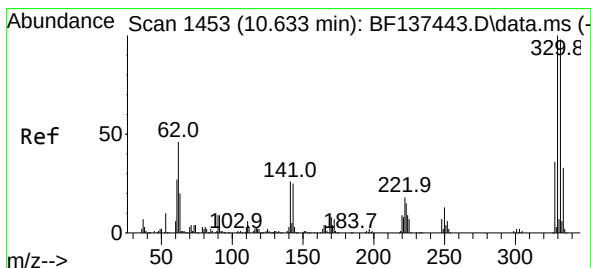
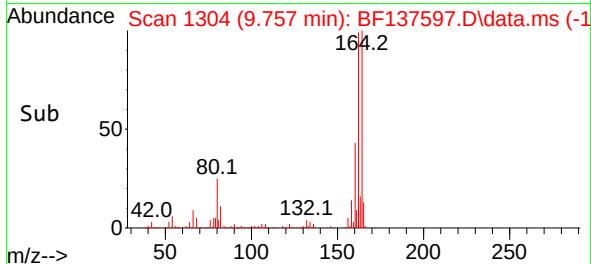
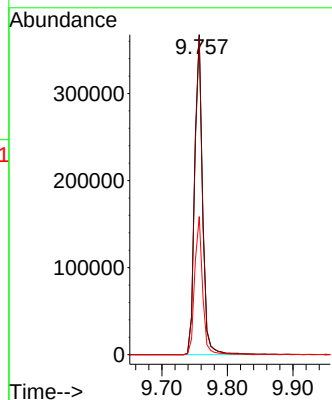
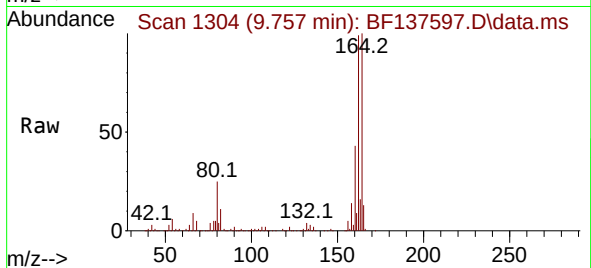
Tgt Ion:164 Resp: 309716

Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

160 43.1 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 98.396 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

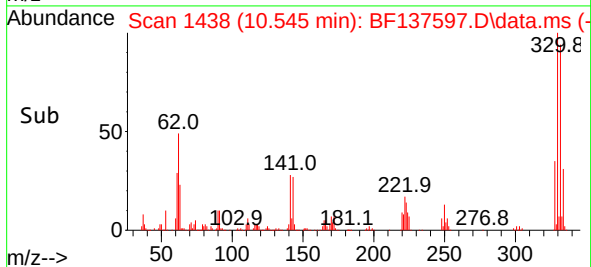
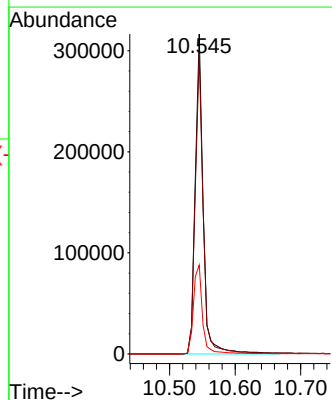
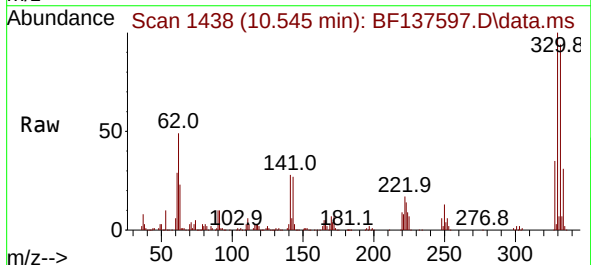
Tgt Ion:330 Resp: 267623

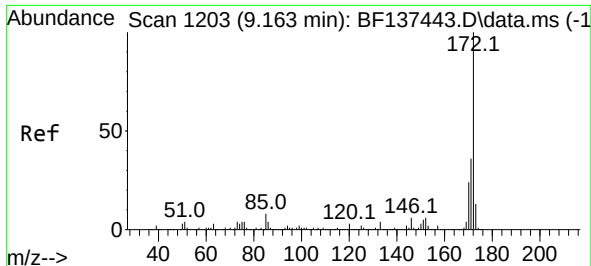
Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

141 31.9 27.3 40.9

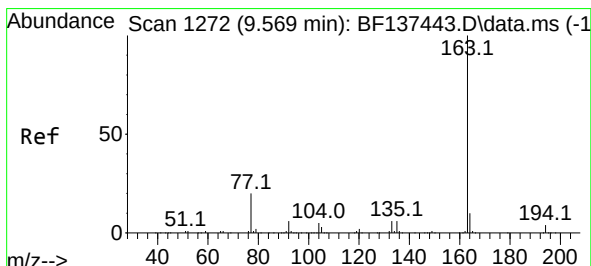
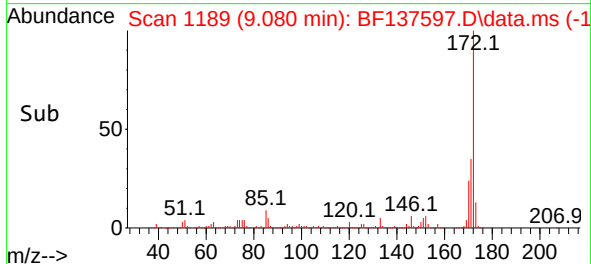
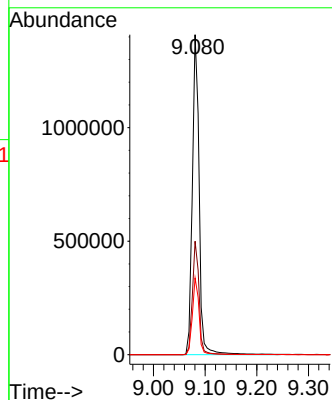
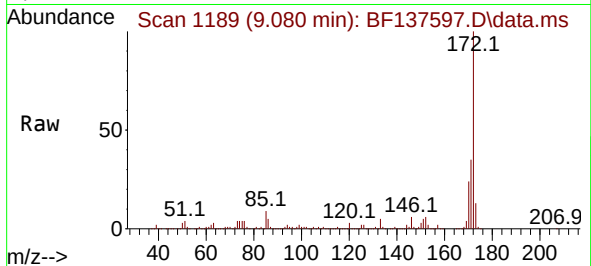




#45
2-Fluorobiphenyl
Concen: 65.211 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

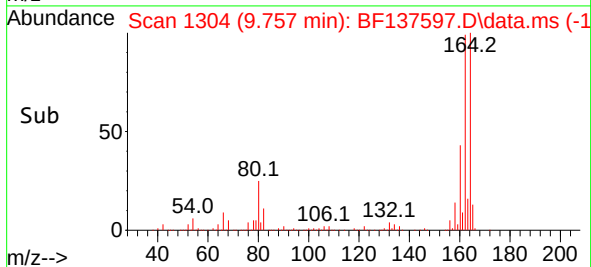
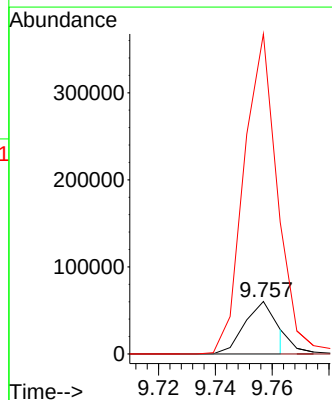
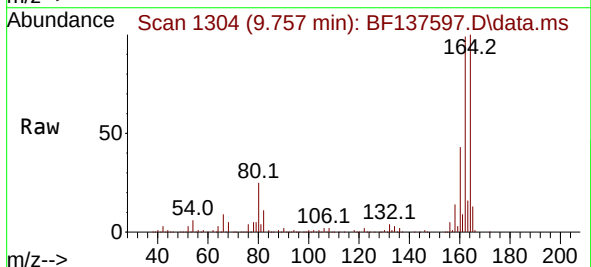
Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

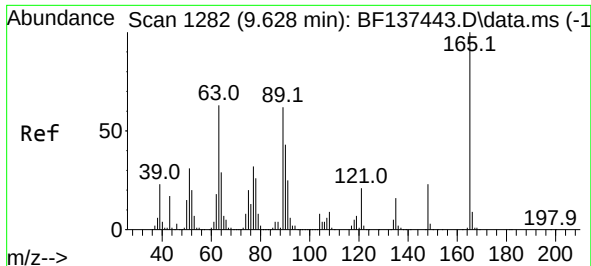
Tgt Ion:172 Resp: 1290238
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 19.0 28.6



#50
Dimethylphthalate
Concen: 2.215 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion:163 Resp: 47751
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 609.3 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 9.012 ng

RT: 9.757 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

Instrument :

BNA_F

ClientSampleId :

SB-04-4.0-6.0

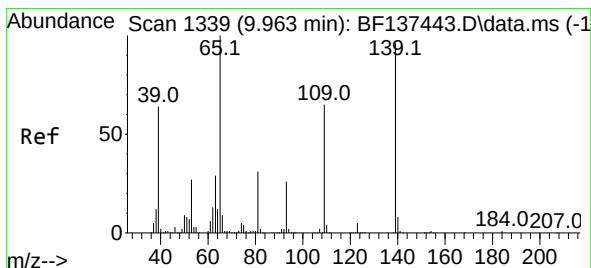
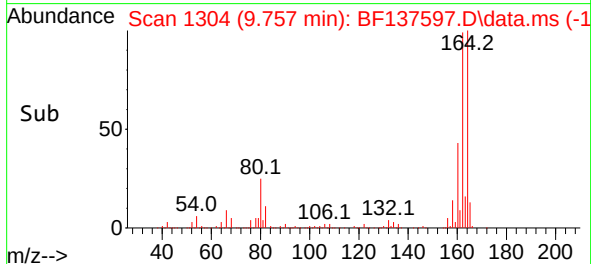
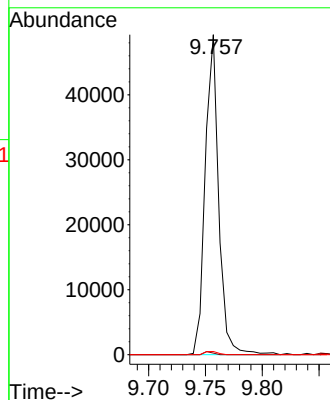
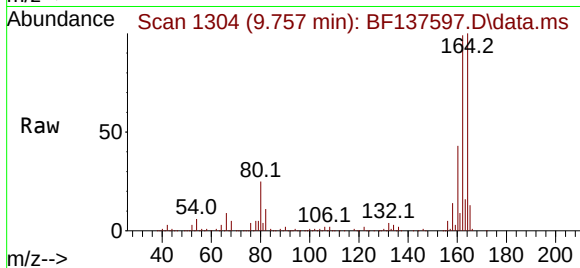
Tgt Ion:165 Resp: 40640

Ion Ratio Lower Upper

165 100

63 0.5 50.7 76.1#

89 1.0 50.0 75.0#



#56

4-Nitrophenol

Concen: 4.808 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.024 min

Lab File: BF137597.D

Acq: 14 Mar 2024 18:31

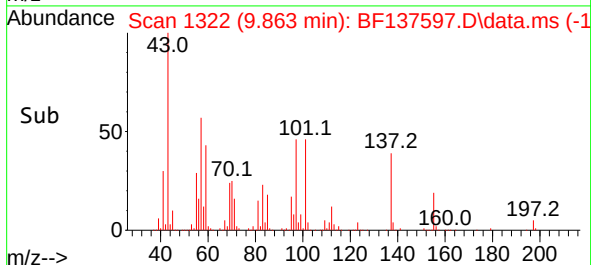
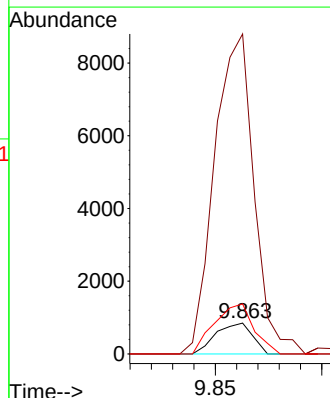
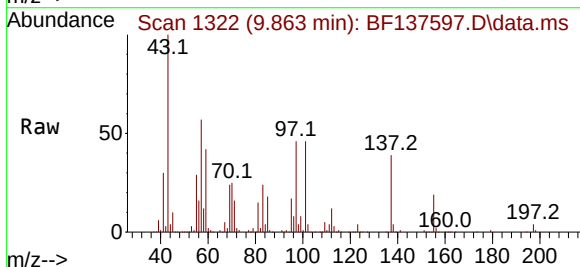
Tgt Ion:139 Resp: 1012

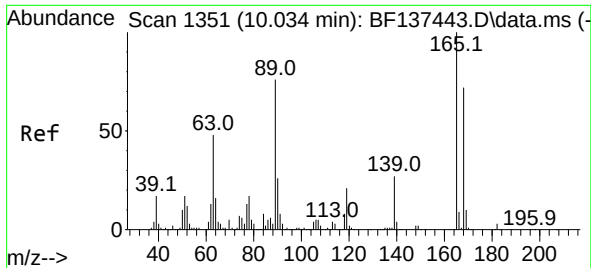
Ion Ratio Lower Upper

139 100

109 1036.5 47.1 87.1#

65 162.2 85.1 125.1#

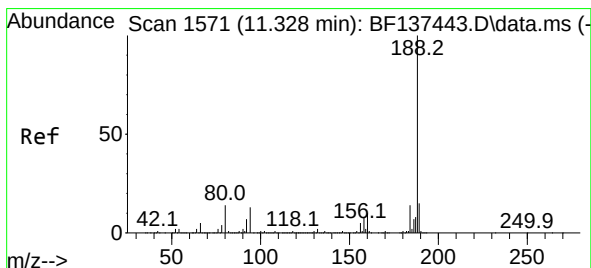
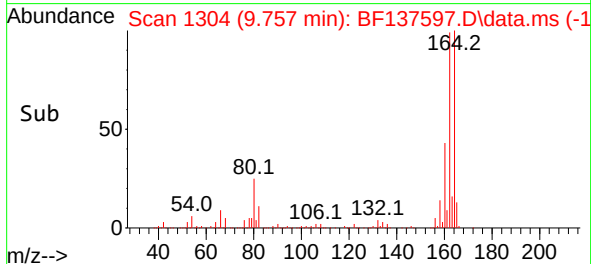
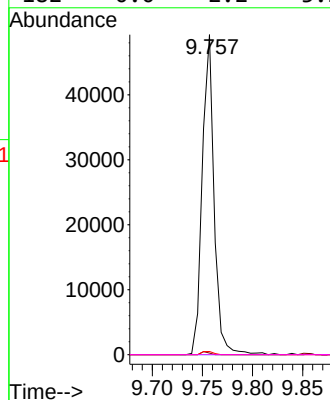
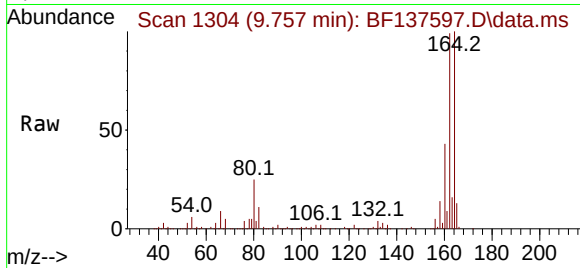




#57
2,4-Dinitrotoluene
Concen: 7.346 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

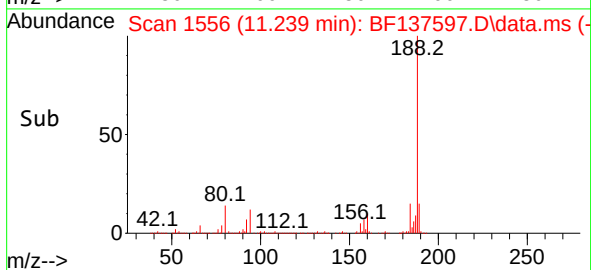
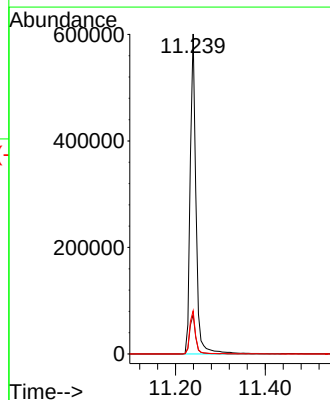
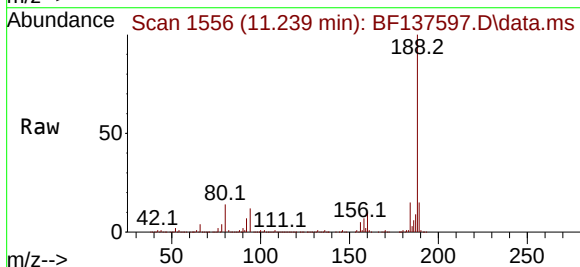
Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

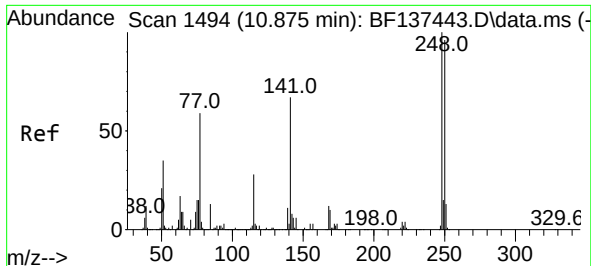
Tgt Ion:165 Resp: 40700
Ion Ratio Lower Upper
165 100
63 0.5 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion:188 Resp: 538363
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 13.5 11.5 17.3

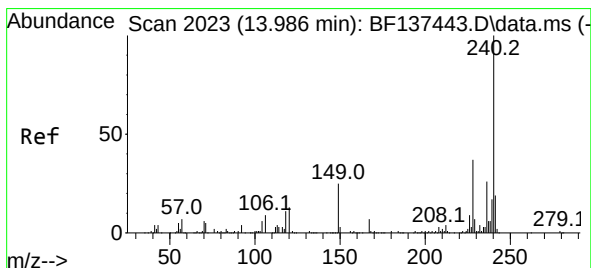
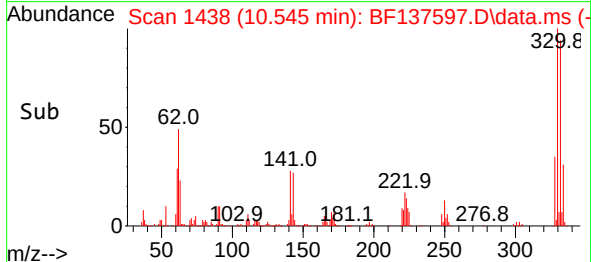
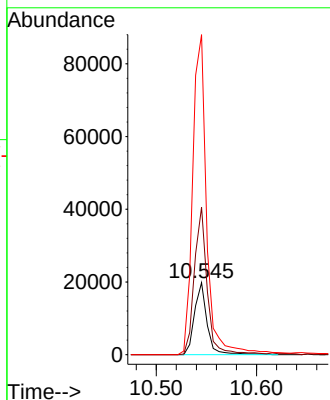
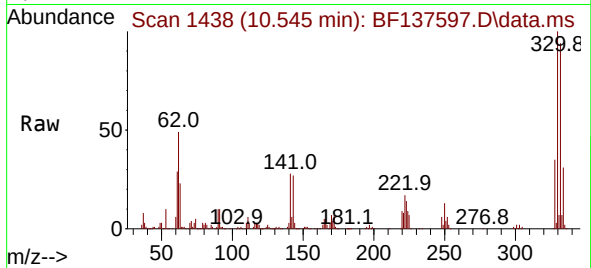




#67
4-Bromophenyl-phenylether
Concen: 2.955 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

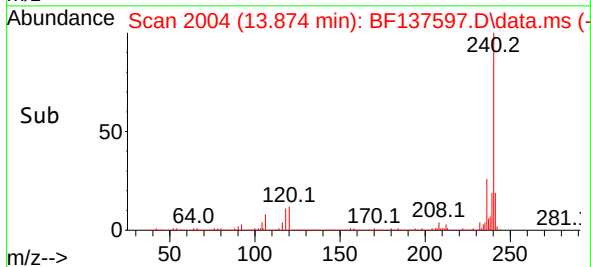
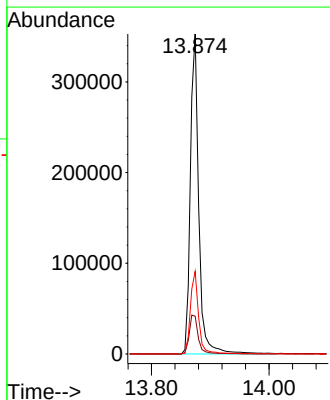
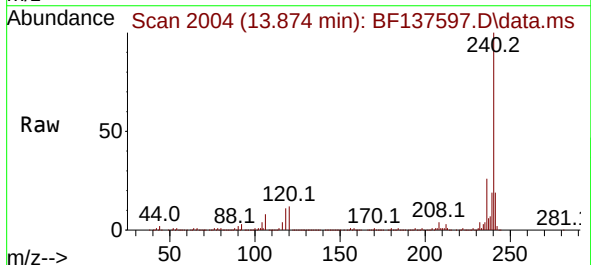
Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

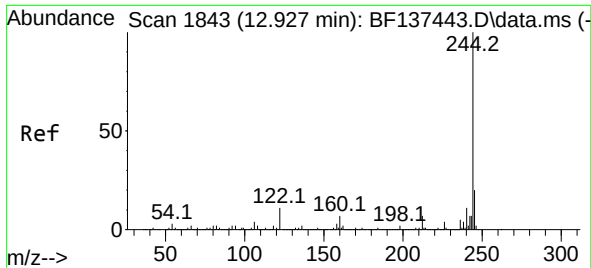
Tgt Ion:248 Resp: 17325
Ion Ratio Lower Upper
248 100
250 205.1 76.8 115.2#
141 444.9 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Tgt Ion:240 Resp: 352138
Ion Ratio Lower Upper
240 100
120 11.8 10.4 15.6
236 25.8 20.9 31.3

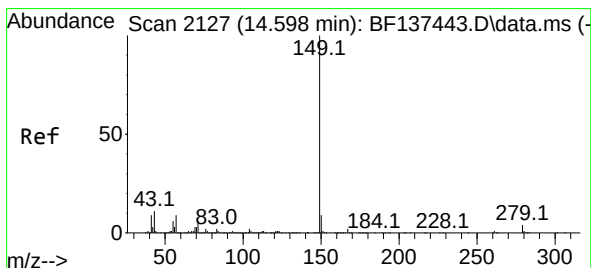
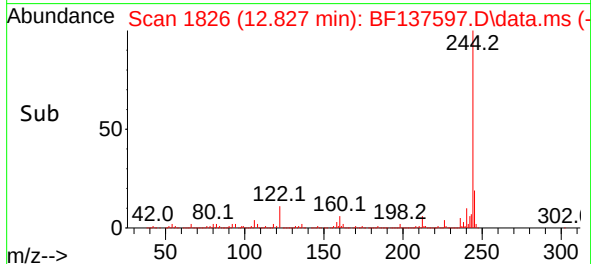
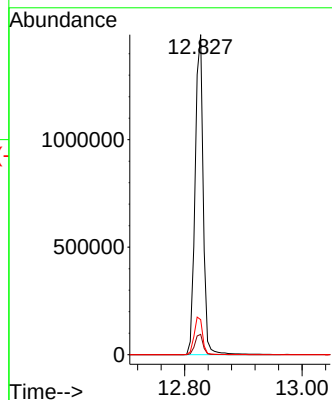
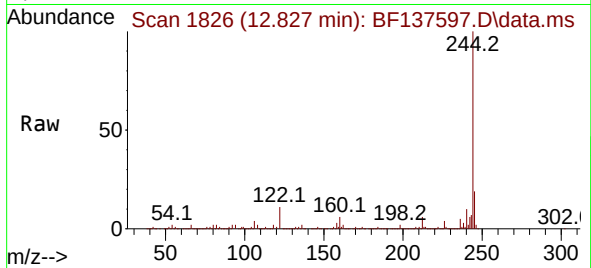




#79
 Terphenyl-d14
 Concen: 55.237 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137597.D
 Acq: 14 Mar 2024 18:31

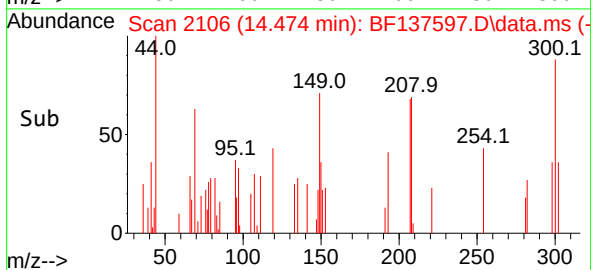
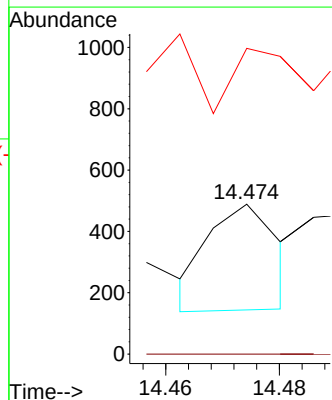
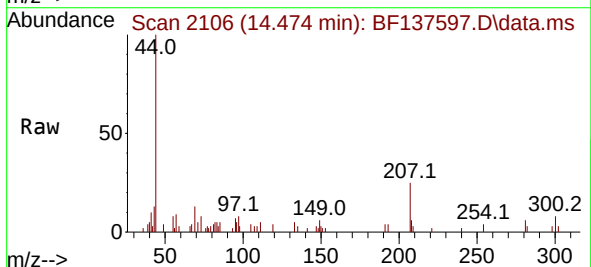
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-4.0-6.0

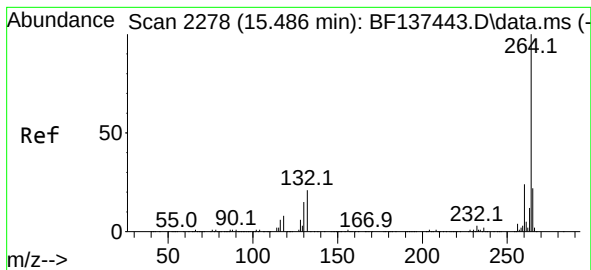
Tgt Ion:244 Resp: 1414500
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.9 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.619 ng
 RT: 14.474 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: BF137597.D
 Acq: 14 Mar 2024 18:31

Tgt Ion:149 Resp: 296
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 56.8 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137597.D
Acq: 14 Mar 2024 18:31

Instrument :
BNA_F
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:264 Resp: 309037
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 20.6 17.4 26.0

