

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137775.D
 Acq On : 30 Apr 2024 17:29
 Operator : CG\JU
 Sample : P2283-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTAIN-WATER

Quant Time: May 01 04:23:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

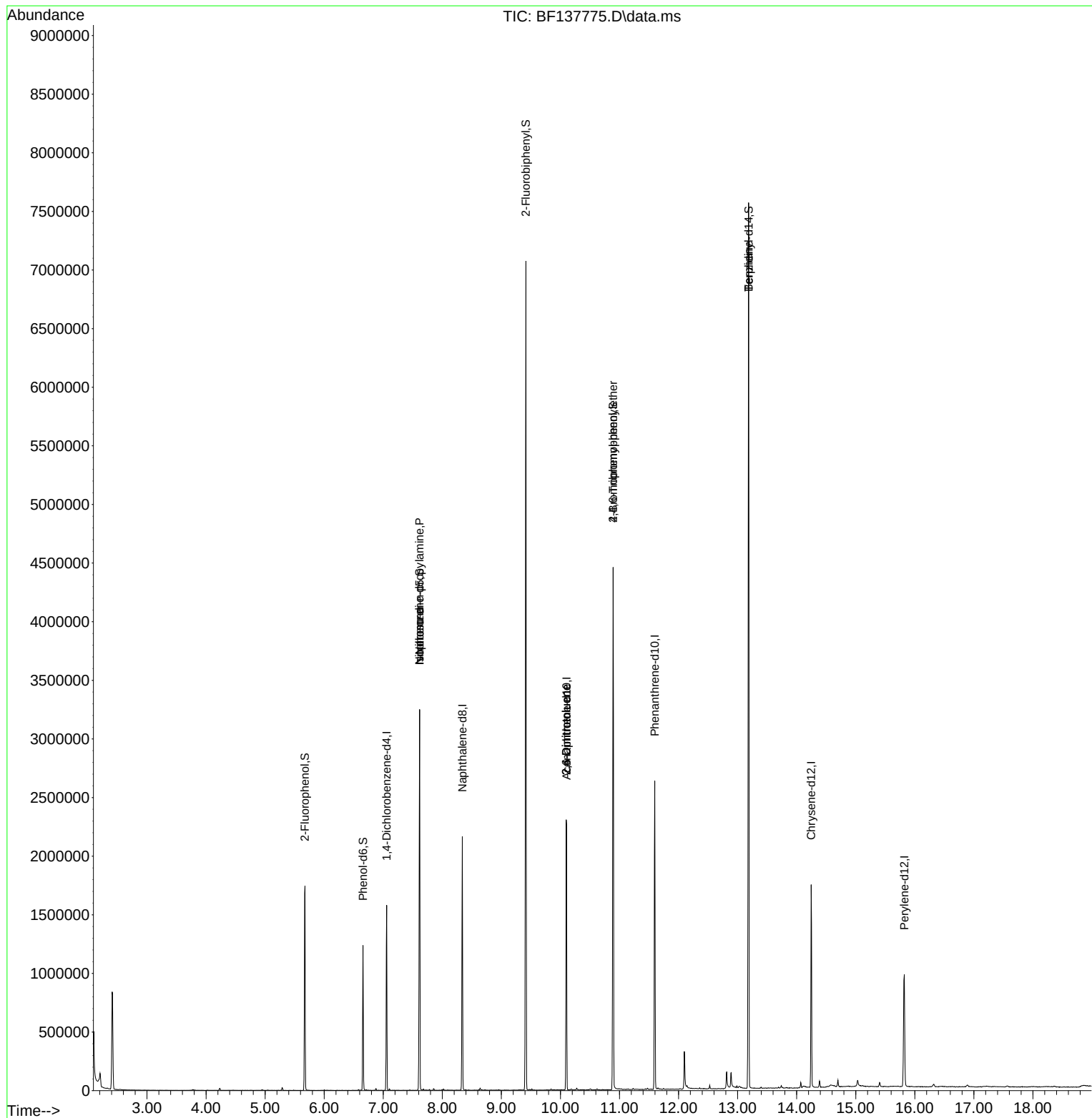
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	223959	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	883037	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	509254	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	892339	20.000	ng	0.00
76) Chrysene-d12	14.245	240	561715	20.000	ng	0.00
86) Perylene-d12	15.821	264	465995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	497612	37.201	ng	0.00
7) Phenol-d6	6.657	99	366906	21.625	ng	-0.02
23) Nitrobenzene-d5	7.616	82	1004770	66.107	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	587310	112.953	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2105420	67.074	ng	0.00
79) Terphenyl-d14	13.186	244	2693682	80.365	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	132424	13.060	ng	# 77
25) Isophorone	7.616	82	1004758	36.665	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	67369	9.170	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	67369	7.019	ng	# 27
67) 4-Bromophenyl-phenylether	10.892	248	37284	3.904	ng	# 1
77) Benzidine	13.186	184	31650	2.436	ng	# 92

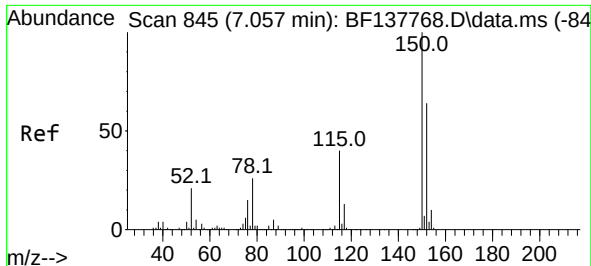
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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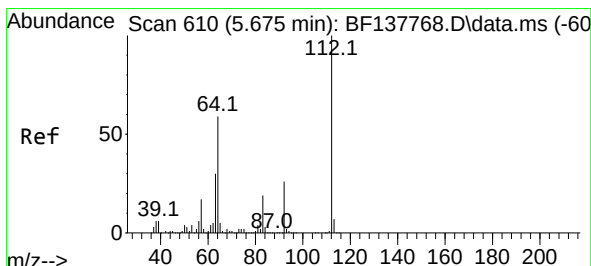
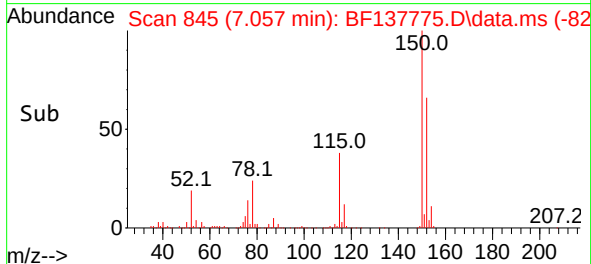
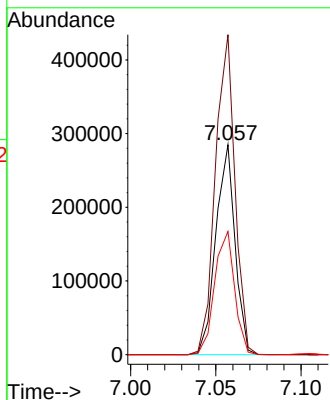
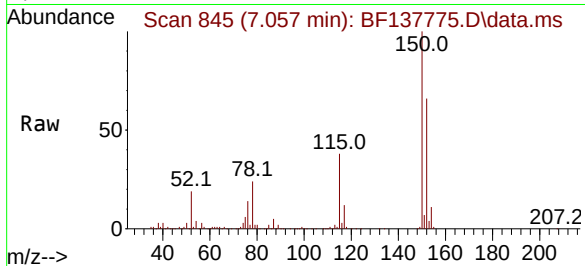




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.057 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137775.D
 Acq: 30 Apr 2024 17:29

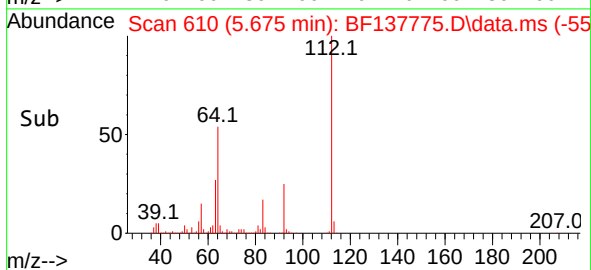
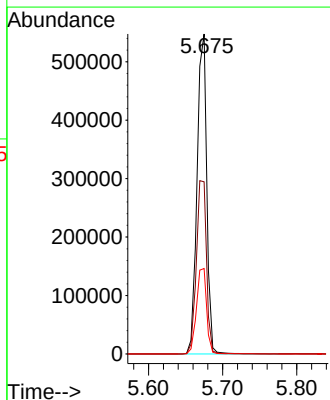
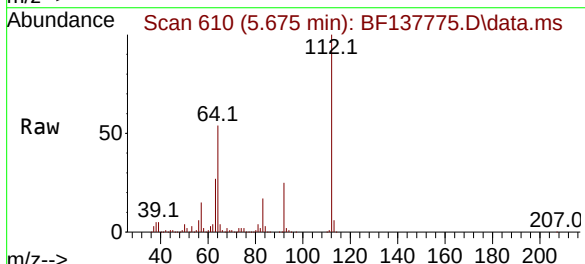
Instrument :
 BNA_F
 ClientSampleId :
 CONTAIN-WATER

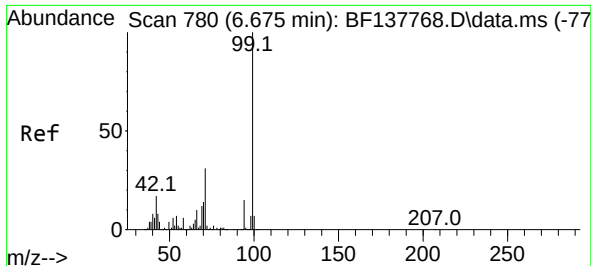
Tgt Ion:152 Resp: 223959
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.1 186.1
 115 58.7 49.1 73.7



#5
 2-Fluorophenol
 Concen: 37.201 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: BF137775.D
 Acq: 30 Apr 2024 17:29

Tgt Ion:112 Resp: 497612
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.3 70.9
 63 26.7 23.7 35.5

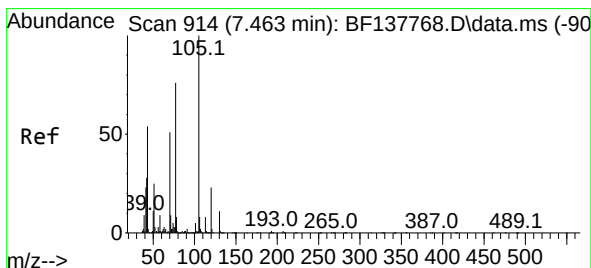
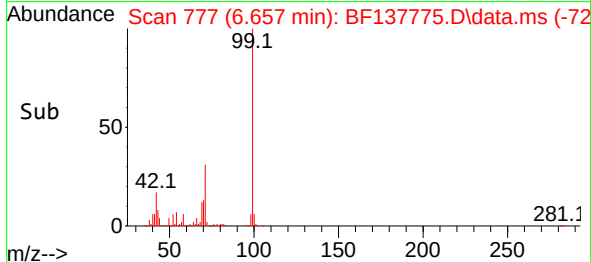
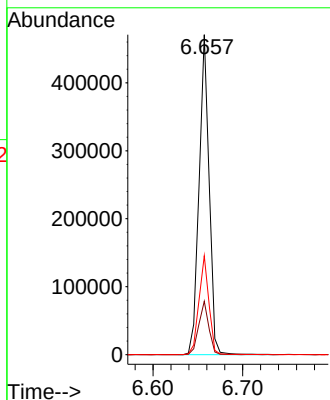
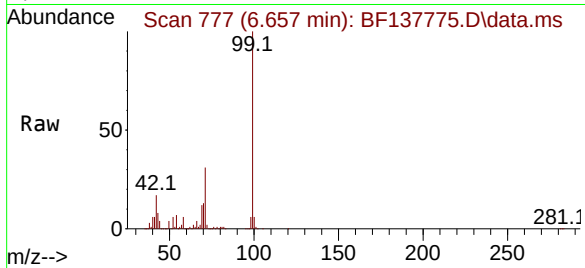




#7
Phenol-d6
Concen: 21.625 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

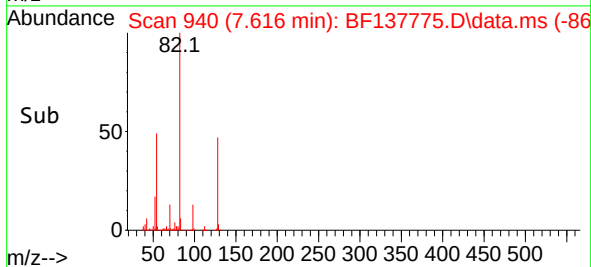
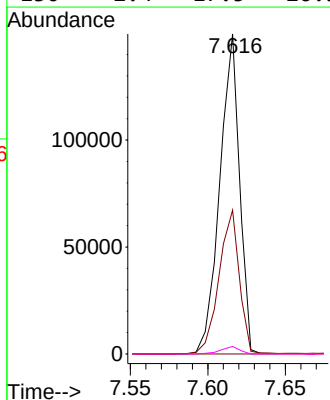
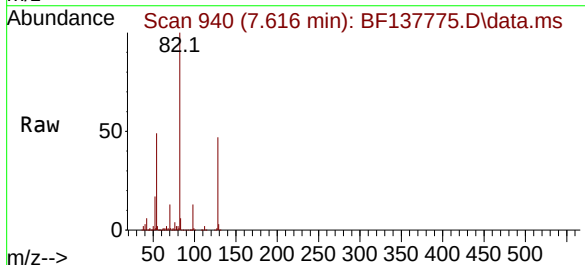
Instrument :
BNA_F
ClientSampleId :
CONTAIN-WATER

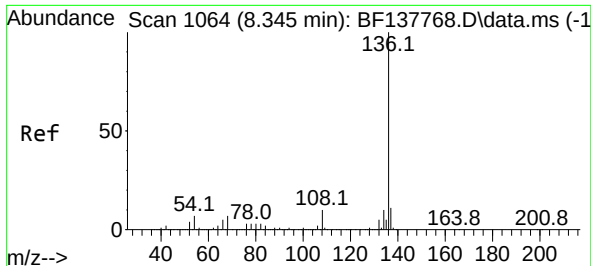
Tgt Ion: 99 Resp: 366906
Ion Ratio Lower Upper
99 100
42 16.7 13.2 19.8
71 30.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.060 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

Tgt Ion: 70 Resp: 132424
Ion Ratio Lower Upper
70 100
42 44.9 44.6 66.8
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#



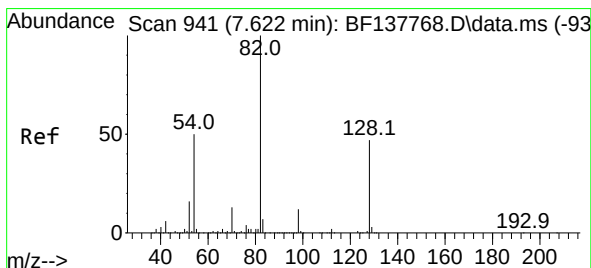
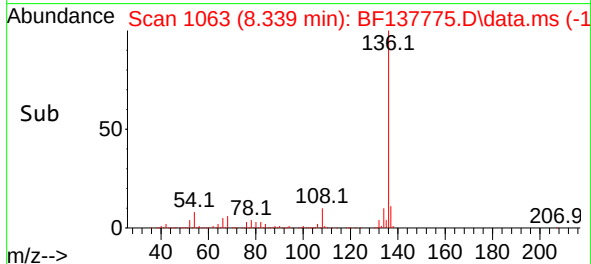
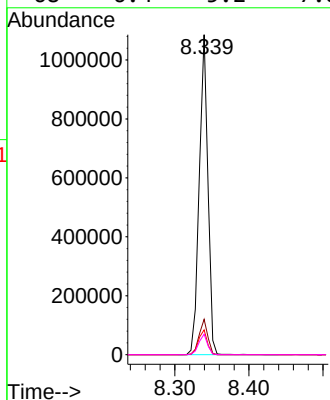
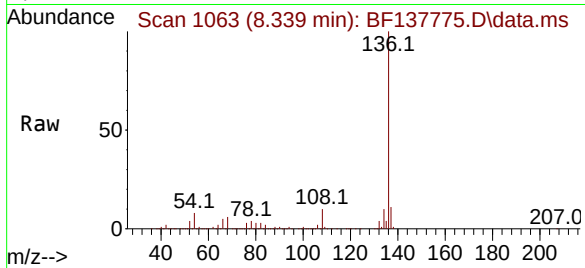


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

Instrument :
BNA_F
ClientSampleId :
CONTAIN-WATER

Tgt Ion:136 Resp: 883037

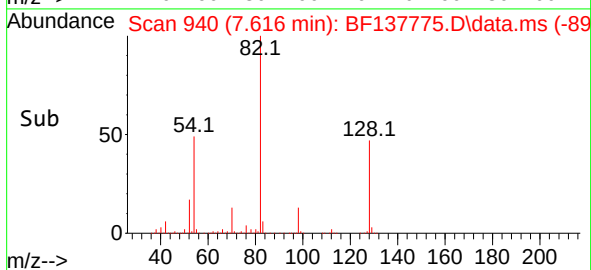
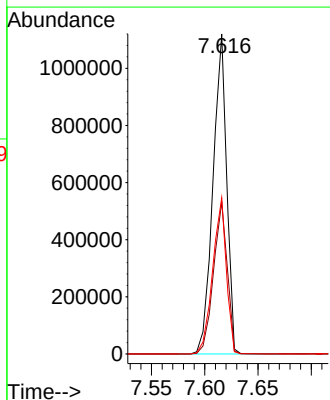
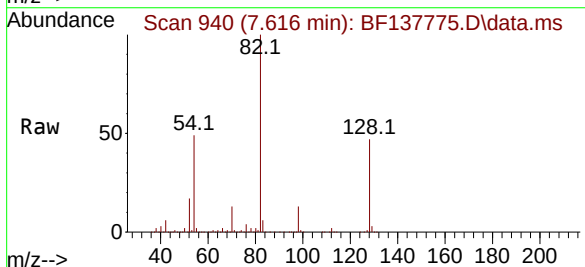
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	5.8	8.8
68	6.4	5.2	7.8

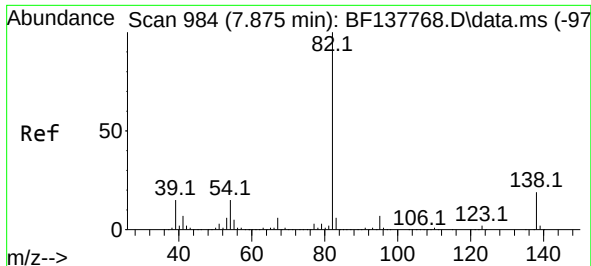


#23
Nitrobenzene-d5
Concen: 66.107 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

Tgt Ion: 82 Resp: 1004770

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.5	56.3
54	48.8	39.8	59.6

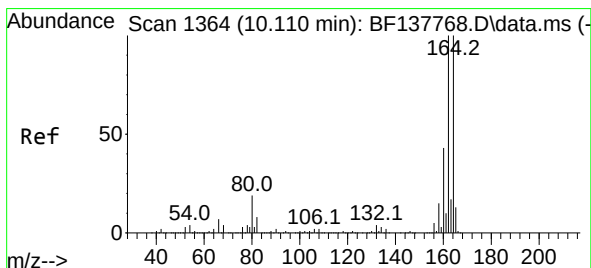
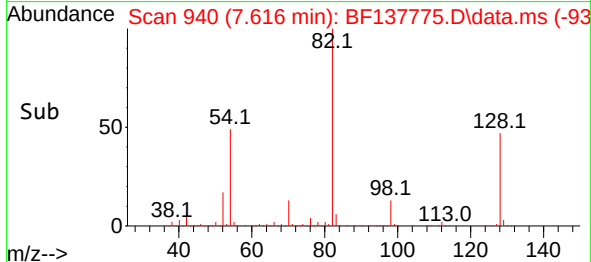
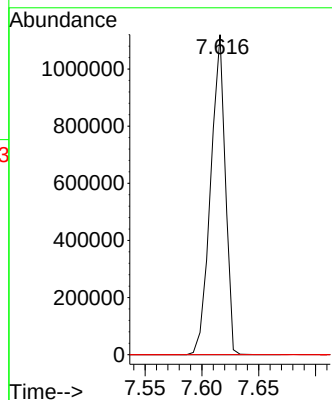
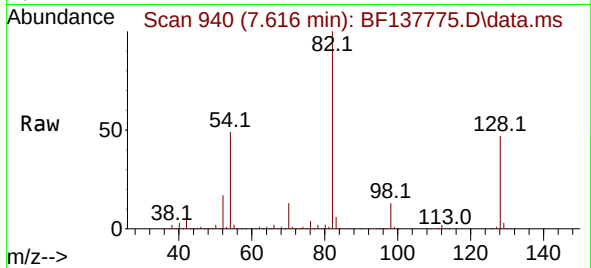




#25
Isophorone
Concen: 36.665 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

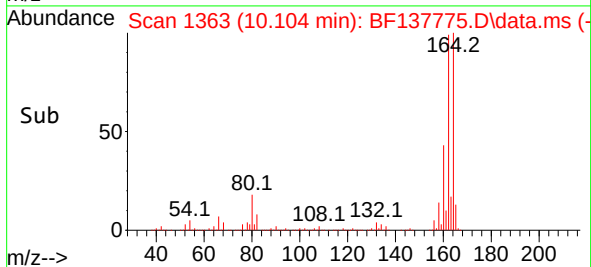
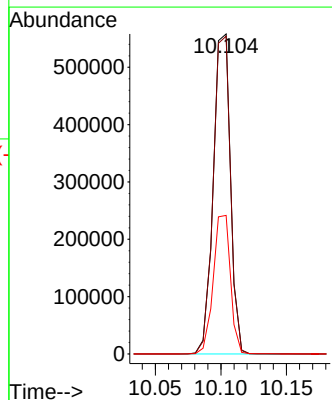
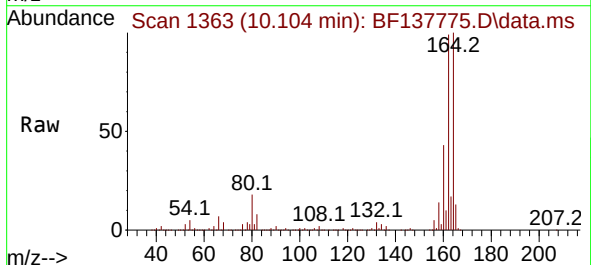
Instrument :
BNA_F
ClientSampleId :
CONTAIN-WATER

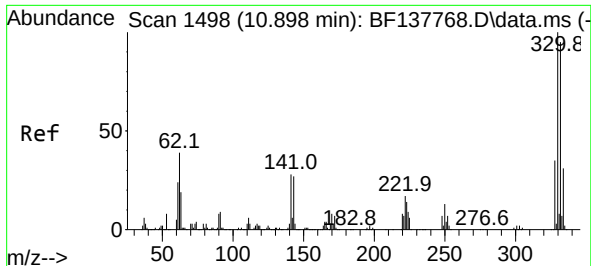
Tgt Ion: 82 Resp: 1004758
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

Tgt Ion:164 Resp: 509254
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.6
160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 112.953 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137775.D

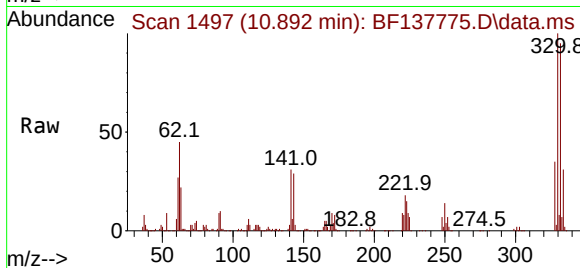
Acq: 30 Apr 2024 17:29

Instrument :

BNA_F

ClientSampleId :

CONTAIN-WATER



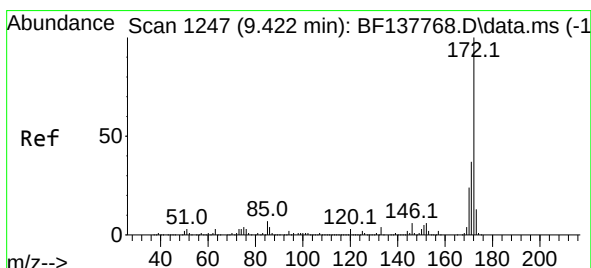
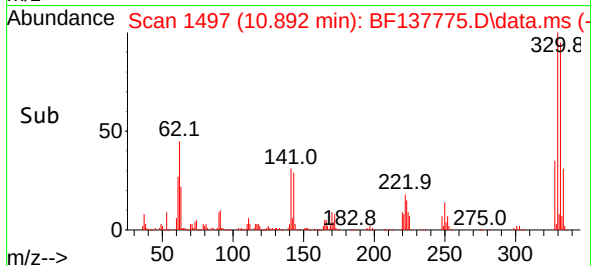
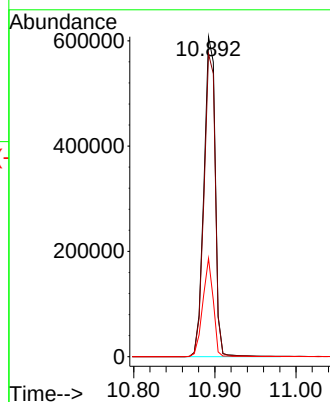
Tgt Ion:330 Resp: 587310

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

141 28.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 67.074 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137775.D

Acq: 30 Apr 2024 17:29

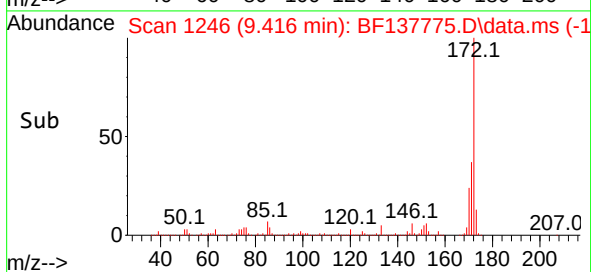
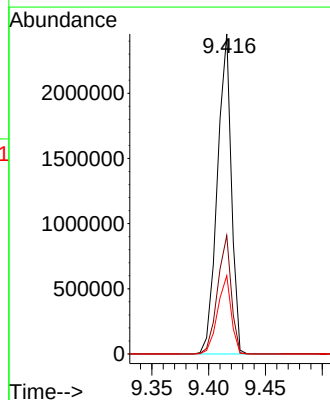
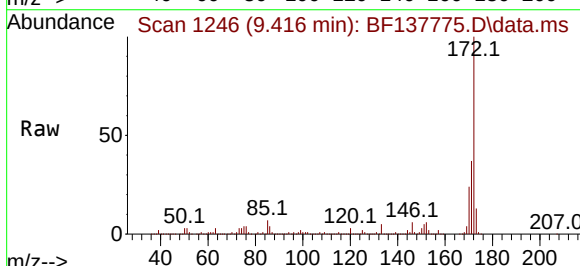
Tgt Ion:172 Resp: 2105420

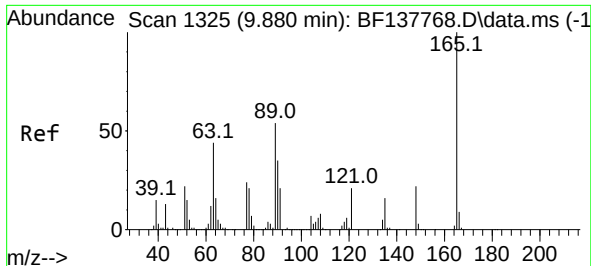
Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 24.5 19.4 29.2

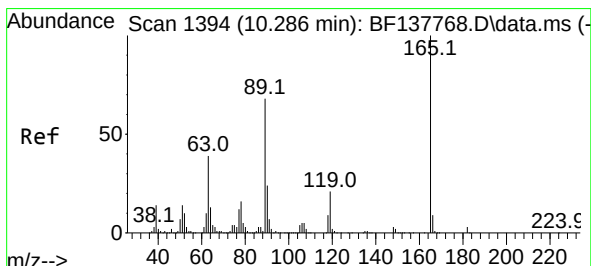
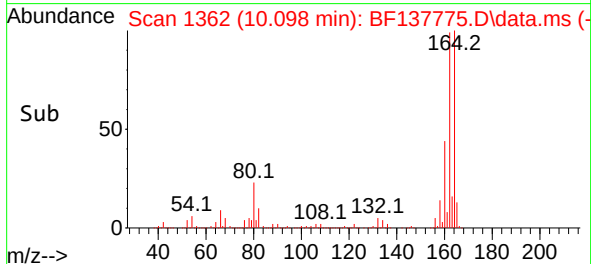
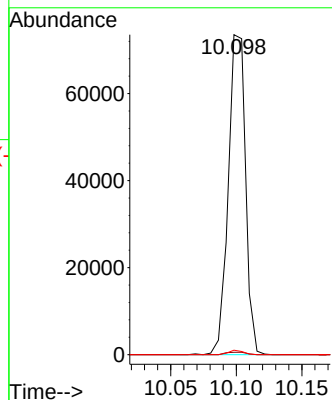
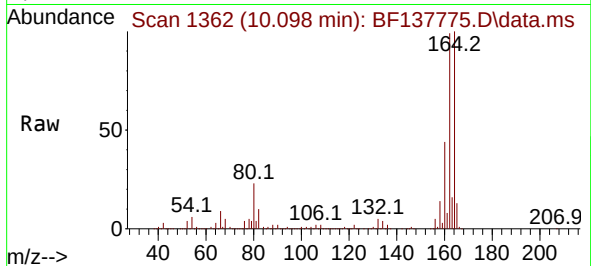




#51
2,6-Dinitrotoluene
Concen: 9.170 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

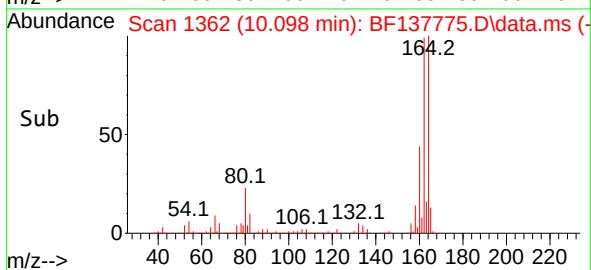
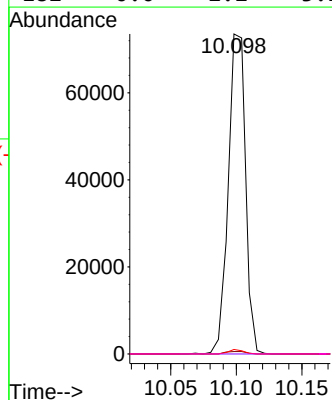
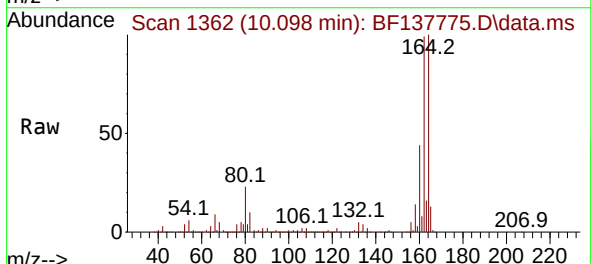
Instrument :
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CONTAIN-WATER

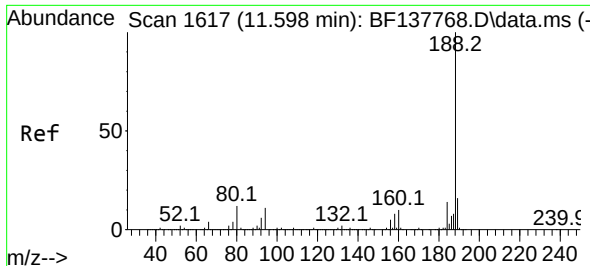
Tgt Ion:165 Resp: 67369
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 1.4 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 7.019 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

Tgt Ion:165 Resp: 67369
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#

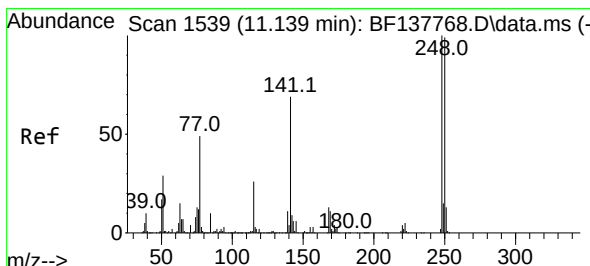
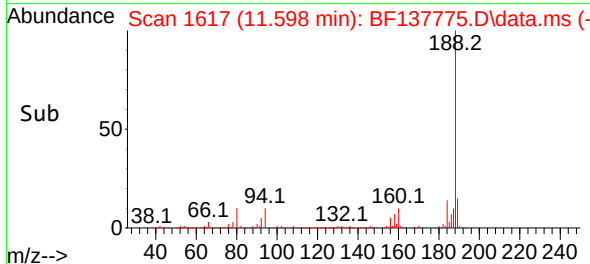
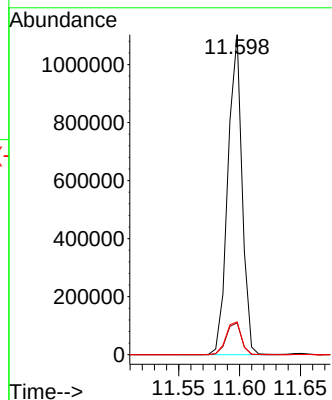
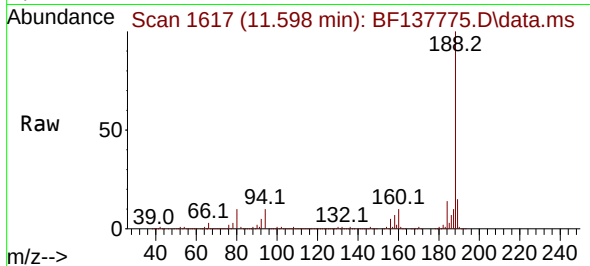




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

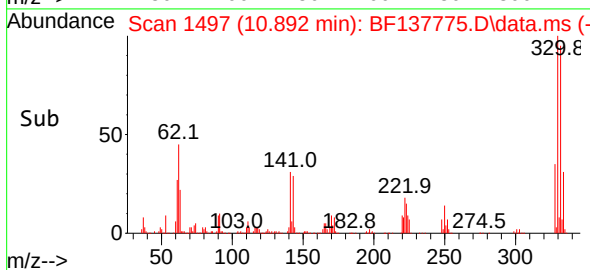
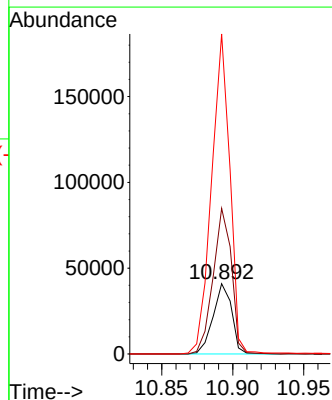
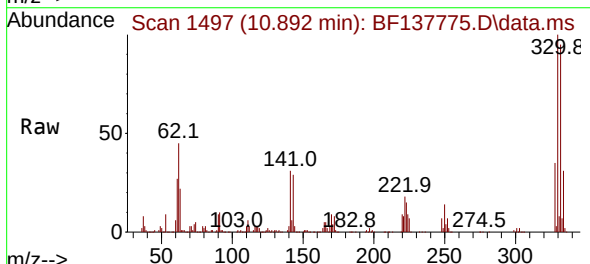
Instrument :
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CONTAIN-WATER

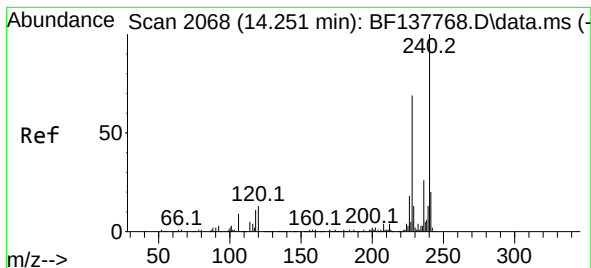
Tgt Ion:188 Resp: 892339
Ion Ratio Lower Upper
188 100
94 9.9 8.8 13.2
80 10.3 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 3.904 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.247 min
Lab File: BF137775.D
Acq: 30 Apr 2024 17:29

Tgt Ion:248 Resp: 37284
Ion Ratio Lower Upper
248 100
250 207.5 79.1 118.7#
141 456.0 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137775.D

Acq: 30 Apr 2024 17:29

Instrument :

BNA_F

ClientSampleId :

CONTAIN-WATER

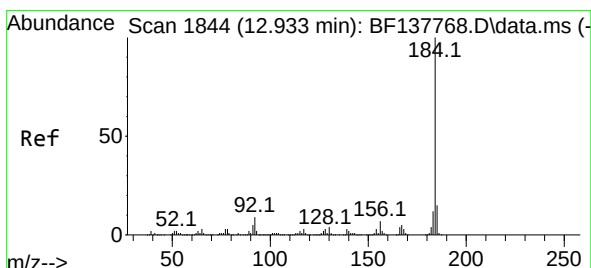
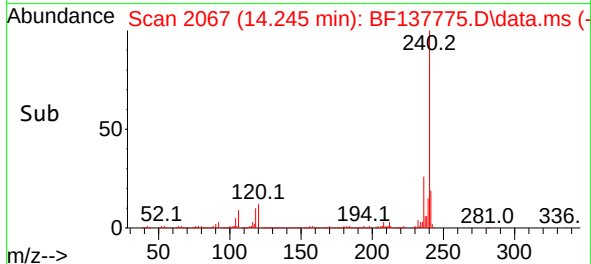
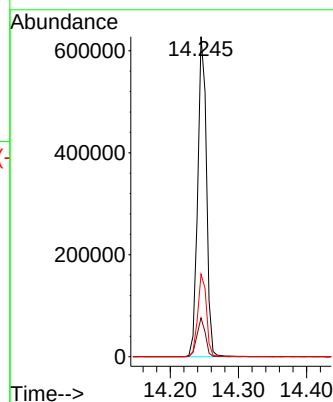
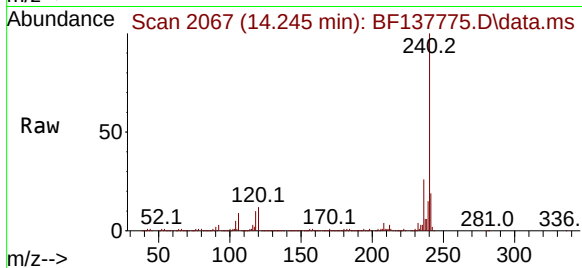
Tgt Ion:240 Resp: 561715

Ion Ratio Lower Upper

240 100

120 12.2 10.4 15.6

236 25.8 20.4 30.6



#77

Benzidine

Concen: 2.436 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137775.D

Acq: 30 Apr 2024 17:29

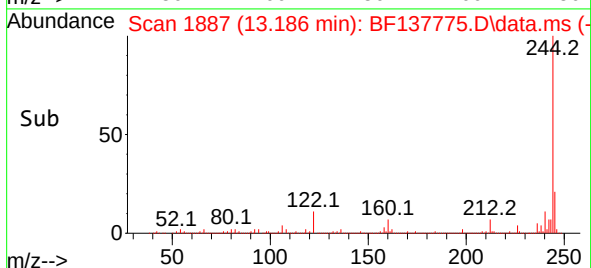
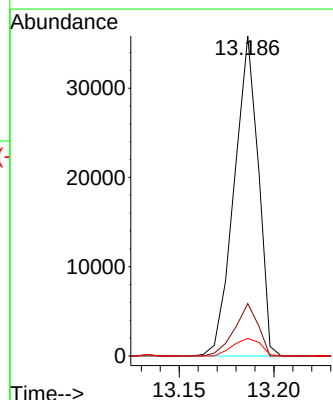
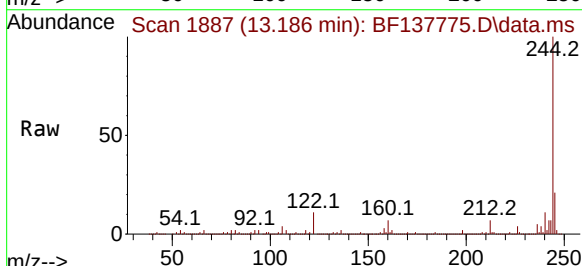
Tgt Ion:184 Resp: 31650

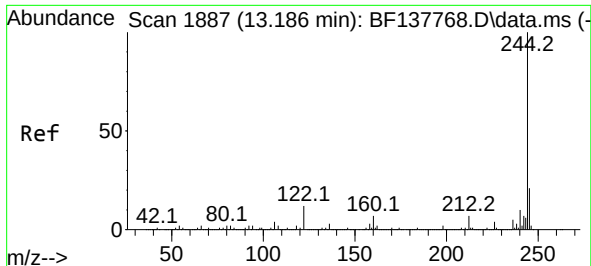
Ion Ratio Lower Upper

184 100

185 16.3 12.3 18.5

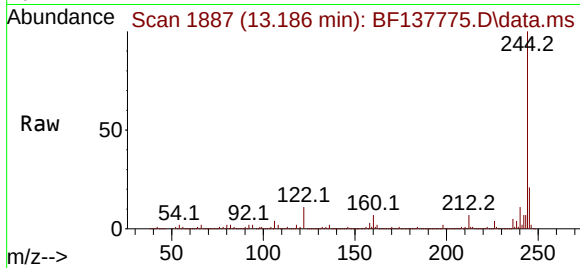
183 5.5 9.2 13.8#





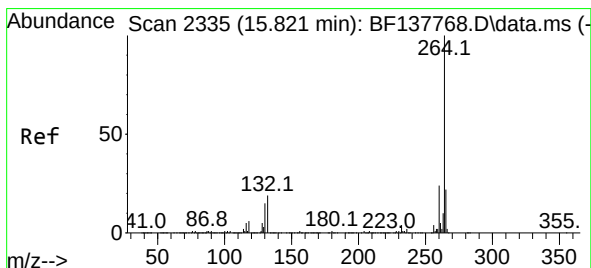
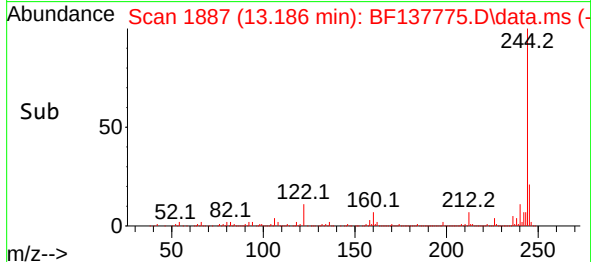
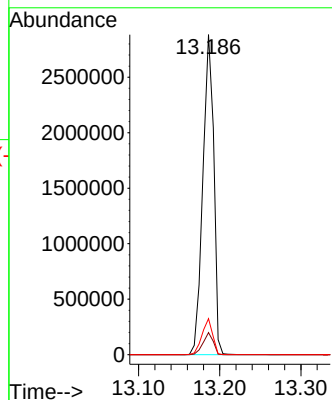
#79
 Terphenyl-d14
 Concen: 80.365 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: BF137775.D
 Acq: 30 Apr 2024 17:29

Instrument :
 BNA_F
 ClientSampleId :
 CONTAIN-WATER



Tgt Ion:244 Resp: 2693682

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.2	9.4	14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: BF137775.D
 Acq: 30 Apr 2024 17:29

Tgt Ion:264 Resp: 465995

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	21.3	17.4	26.0

