

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130997.D
 Acq On : 04 Nov 2022 18:38
 Operator : CG\JU
 Sample : N5418-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-M

Quant Time: Nov 05 00:38:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

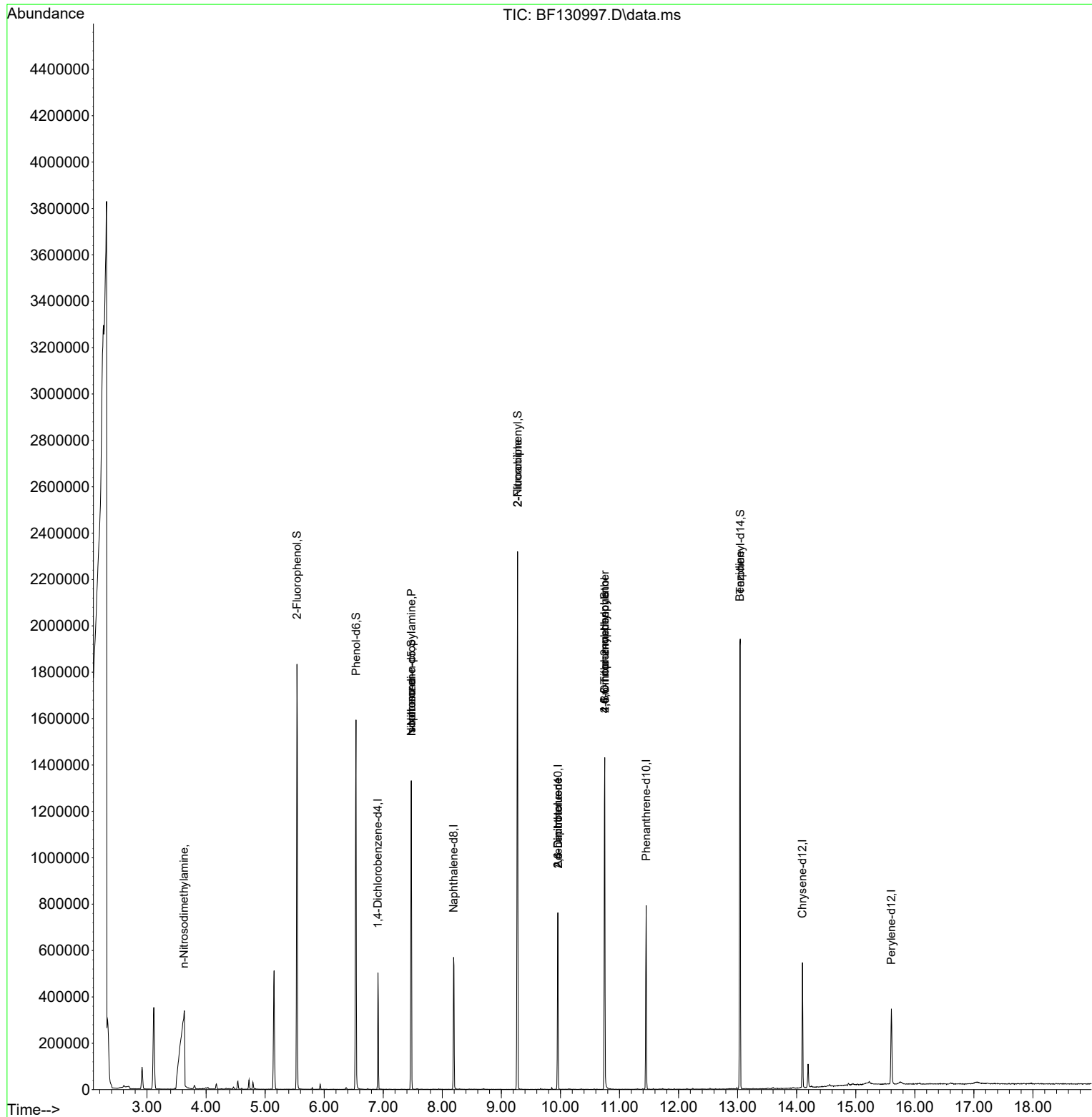
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62673	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	257405	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	138593	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	254914	20.000	ng	0.00
76) Chrysene-d12	14.098	240	169155	20.000	ng	0.00
86) Perylene-d12	15.604	264	145409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	460883	127.486	ng	0.01
7) Phenol-d6	6.540	99	476290	101.383	ng	0.00
23) Nitrobenzene-d5	7.475	82	413895	96.958	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	162686	139.444	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	701747	76.552	ng	0.00
79) Terphenyl-d14	13.045	244	703814	76.244	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.628	42	40677	15.960	ng	# 1
19) n-Nitroso-di-n-propyla...	7.475	70	56904	17.803	ng	# 75
25) Isophorone	7.475	82	413887	47.017	ng	# 66
48) 2-Nitroaniline	9.275	65	1541	4.700	ng	# 1
51) 2,6-Dinitrotoluene	9.957	165	17483	11.889	ng	# 15
57) 2,4-Dinitrotoluene	9.957	165	17483	10.802	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.751	198	382	8.228	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	10346	4.036	ng	# 1
77) Benzidine	13.039	184	10546	2.568	ng	# 92

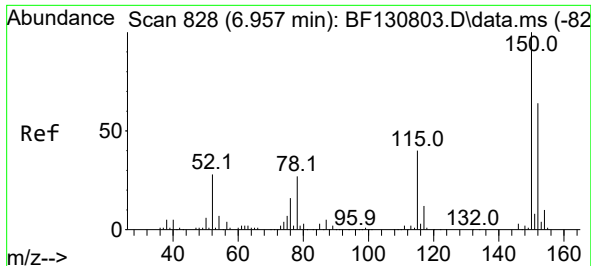
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
Data File : BF130997.D
Acq On : 04 Nov 2022 18:38
Operator : CG\JU
Sample : N5418-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-M

Quant Time: Nov 05 00:38:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

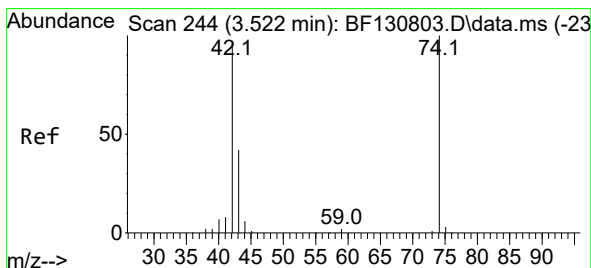
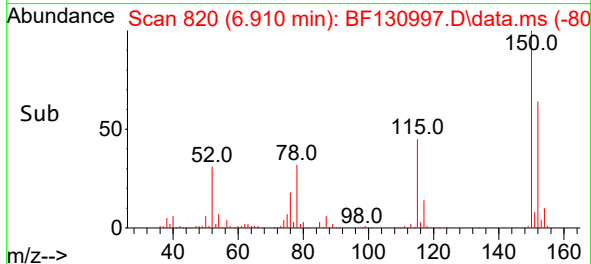
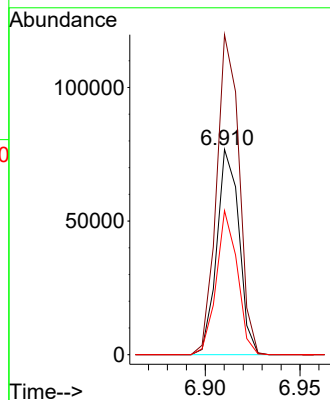
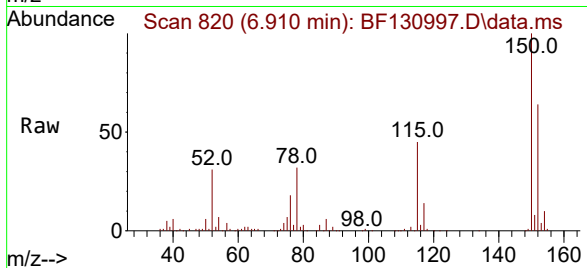




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

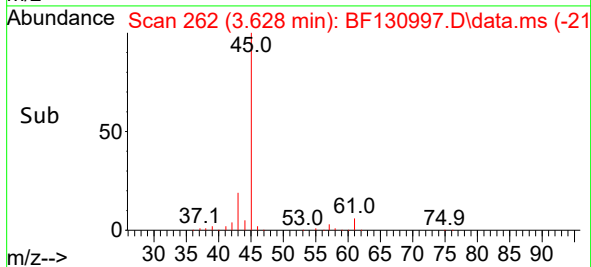
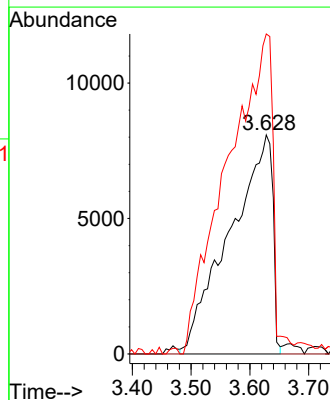
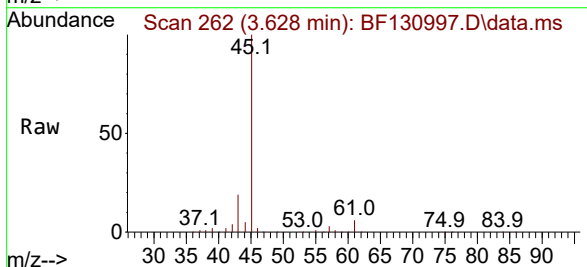
Instrument :
BNA_F
ClientSampleId :
TP-M

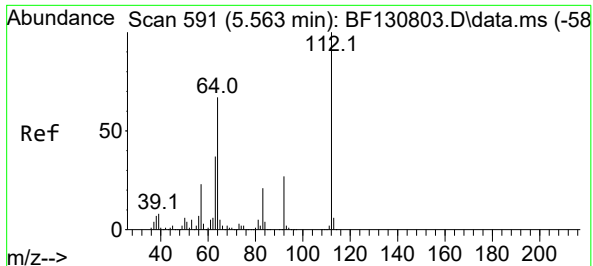
Tgt Ion:152 Resp: 62673
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 70.2 50.1 75.1



#4
n-Nitrosodimethylamine
Concen: 15.960 ng
RT: 3.628 min Scan# 262
Delta R.T. 0.182 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

Tgt Ion: 42 Resp: 40677
Ion Ratio Lower Upper
42 100
74 0.0 82.8 124.2#
44 146.1 6.0 9.0#

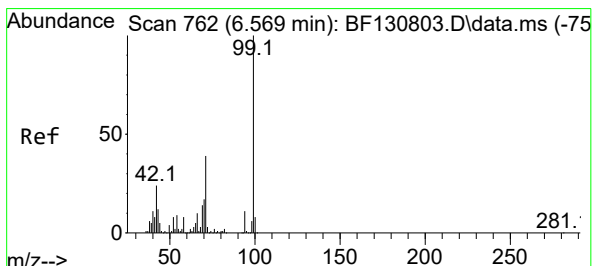
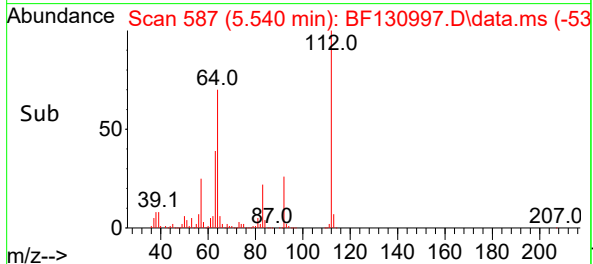
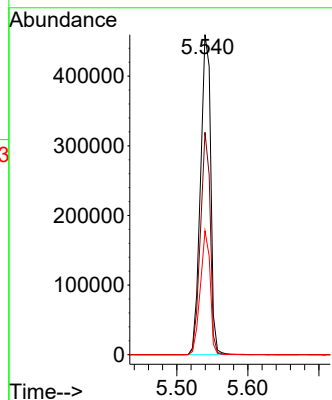
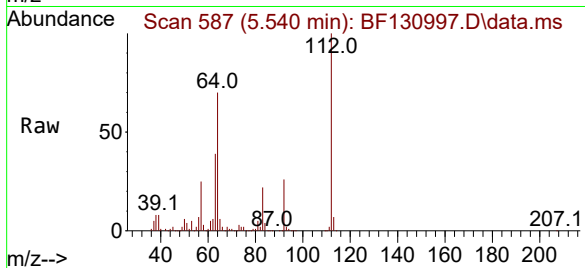




#5
2-Fluorophenol
Concen: 127.486 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

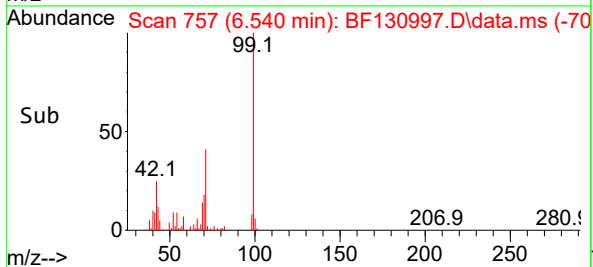
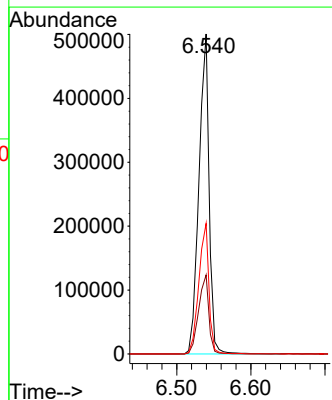
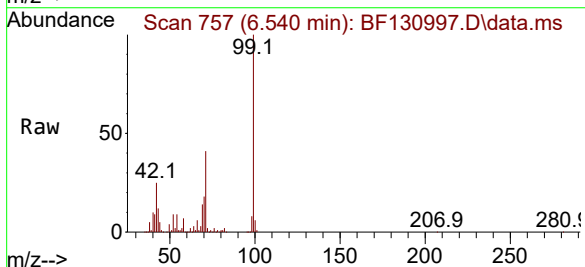
Instrument :
BNA_F
ClientSampleId :
TP-M

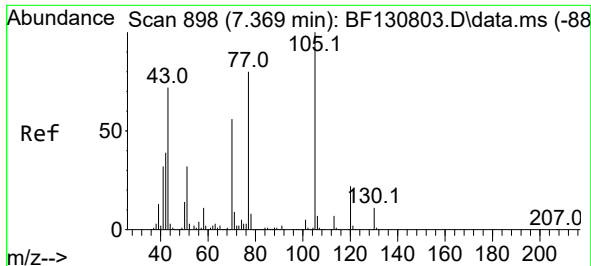
Tgt Ion:112 Resp: 460883
Ion Ratio Lower Upper
112 100
64 69.5 53.9 80.9
63 38.7 29.4 44.2



#7
Phenol-d6
Concen: 101.383 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

Tgt Ion: 99 Resp: 476290
Ion Ratio Lower Upper
99 100
42 24.7 18.8 28.2
71 40.8 31.4 47.0





#19

n-Nitroso-di-n-propylamine

Concen: 17.803 ng

RT: 7.475 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF130997.D

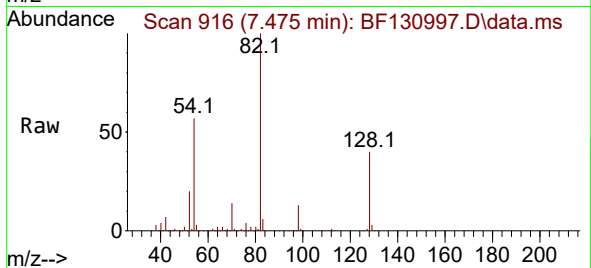
Acq: 04 Nov 2022 18:38

Instrument :

BNA_F

ClientSampleId :

TP-M



Tgt Ion: 70 Resp: 56904

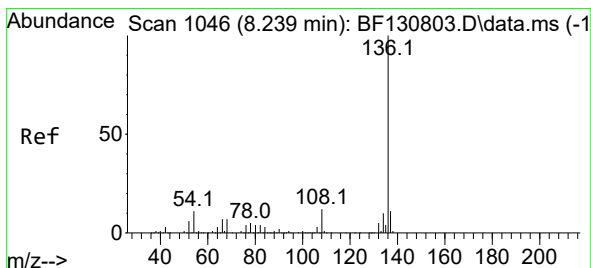
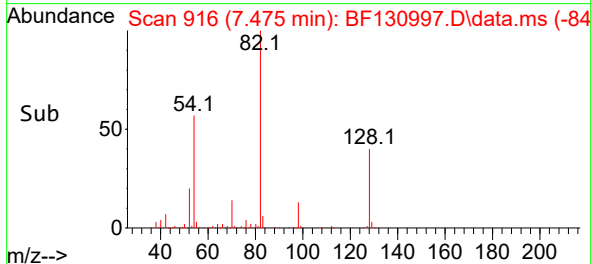
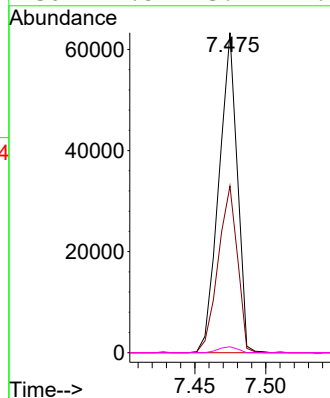
Ion Ratio Lower Upper

70 100

42 52.1 56.1 84.1#

101 0.0 7.3 10.9#

130 1.8 15.2 22.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

Tgt Ion: 136 Resp: 257405

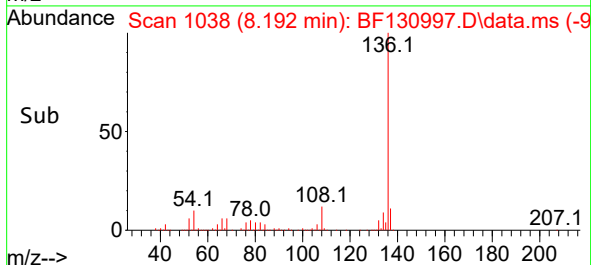
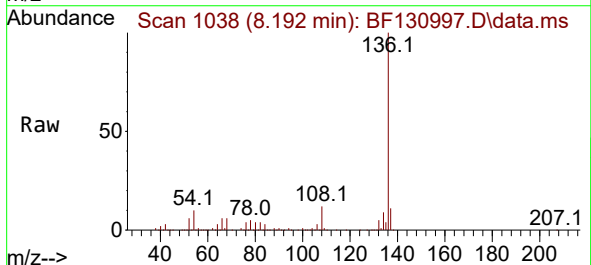
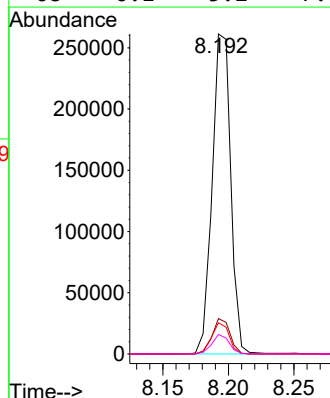
Ion Ratio Lower Upper

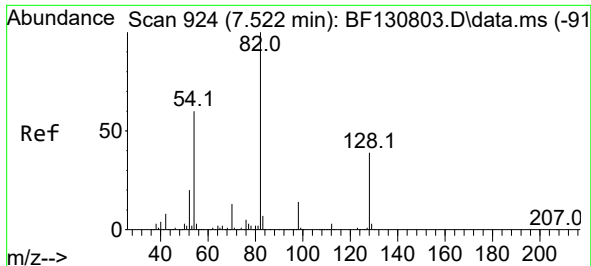
136 100

137 11.0 9.2 13.8

54 9.8 8.8 13.2

68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 96.958 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.012 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

Instrument :

BNA_F

ClientSampleId :

TP-M

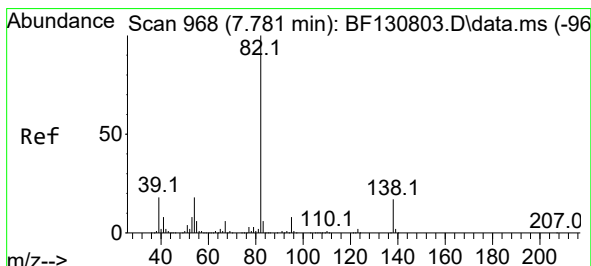
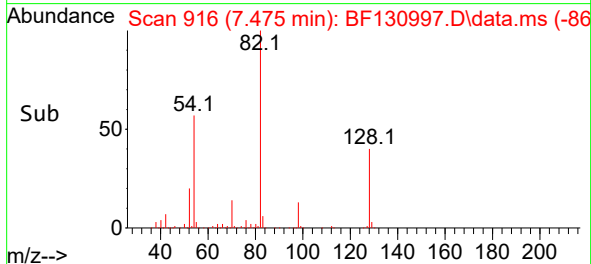
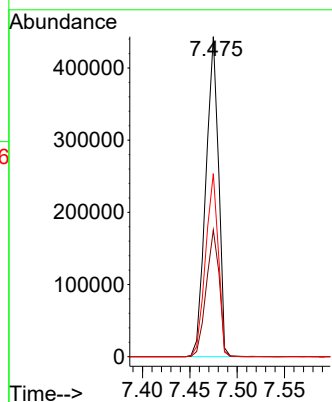
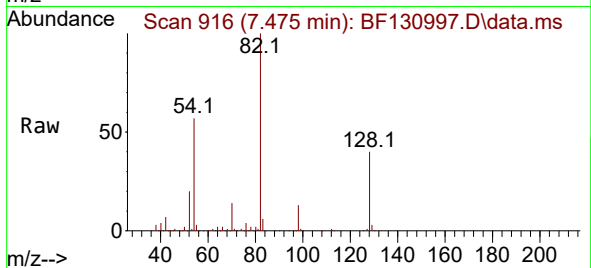
Tgt Ion: 82 Resp: 413895

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 57.2 48.0 72.0



#25

Isophorone

Concen: 47.017 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.265 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

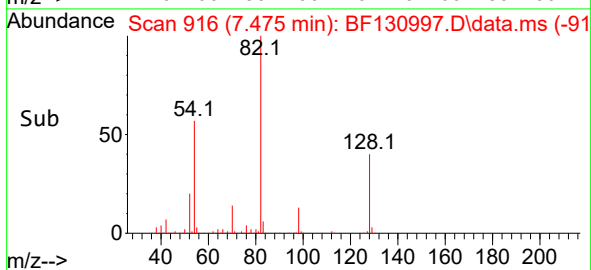
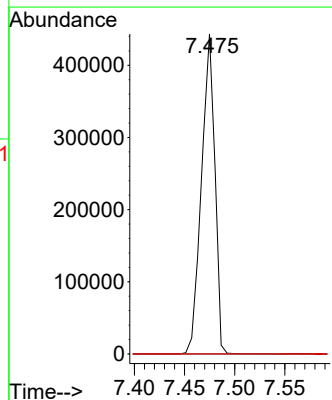
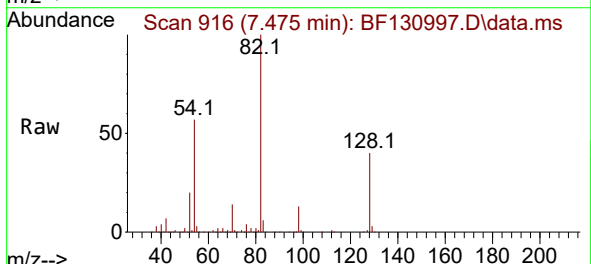
Tgt Ion: 82 Resp: 413887

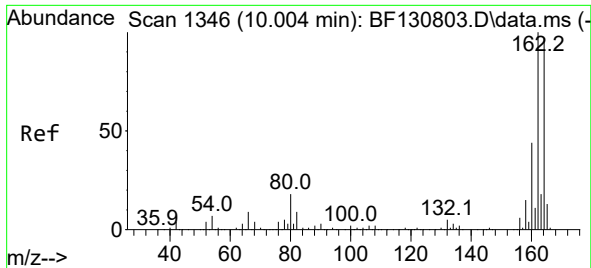
Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

138 0.0 13.8 20.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

Instrument :

BNA_F

ClientSampleId :

TP-M

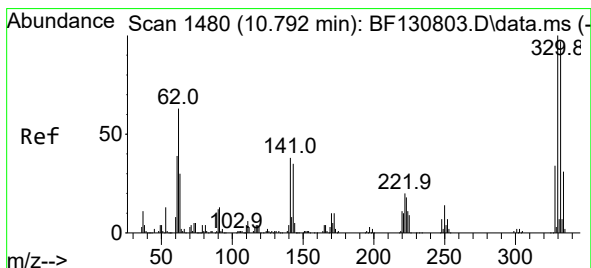
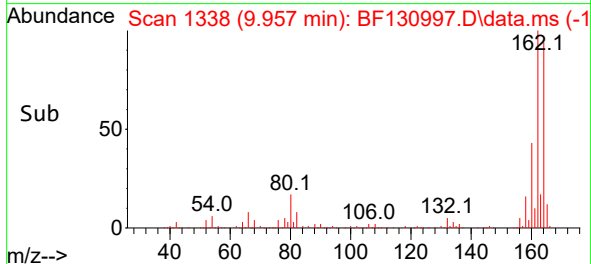
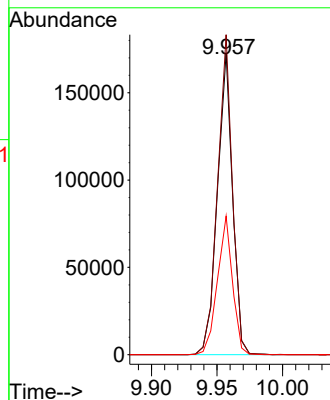
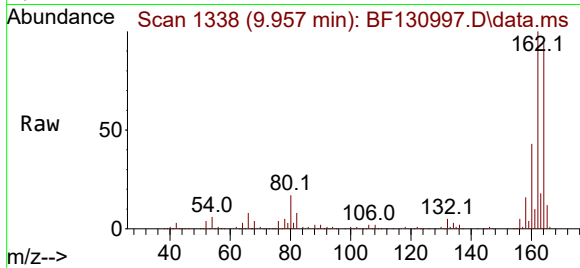
Tgt Ion:164 Resp: 138593

Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.2

160 46.0 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 139.444 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.006 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

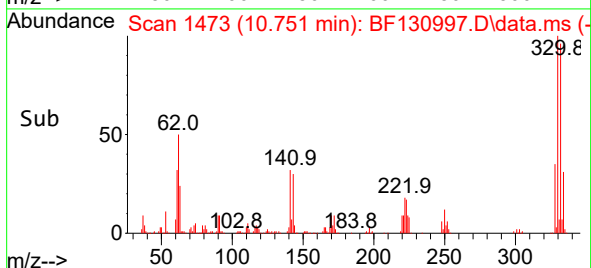
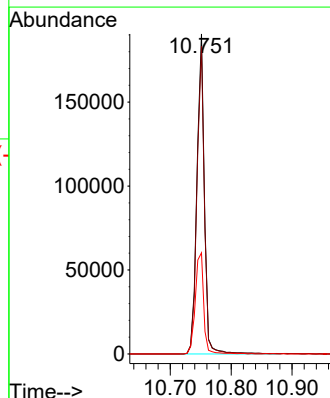
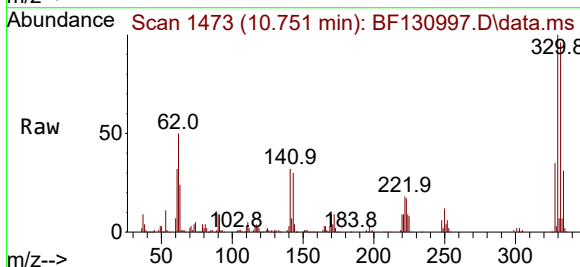
Tgt Ion:330 Resp: 162686

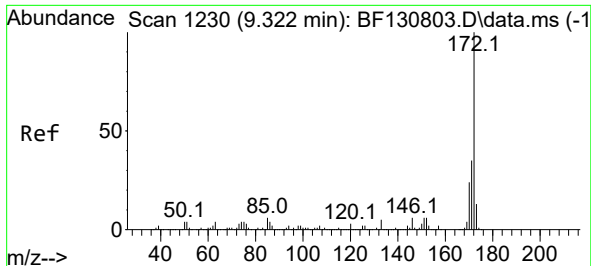
Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 35.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 76.552 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

Instrument :

BNA_F

ClientSampleId :

TP-M

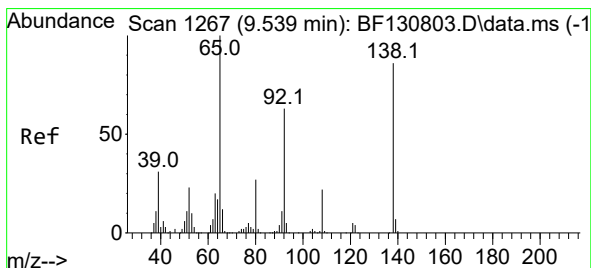
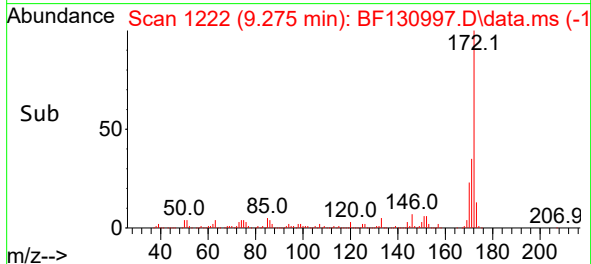
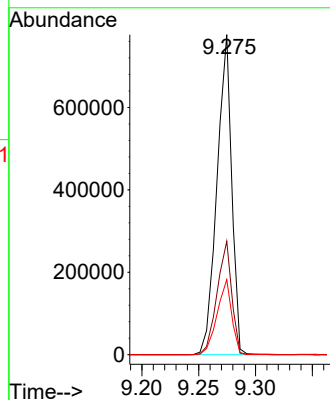
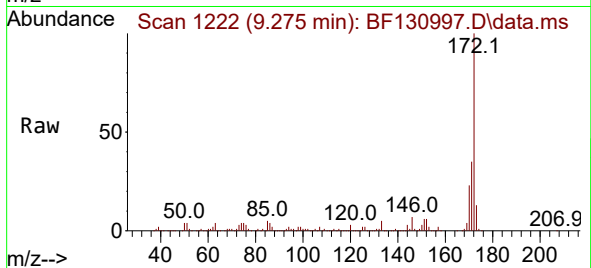
Tgt Ion:172 Resp: 701747

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.4 19.0 28.4



#48

2-Nitroaniline

Concen: 4.700 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.229 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

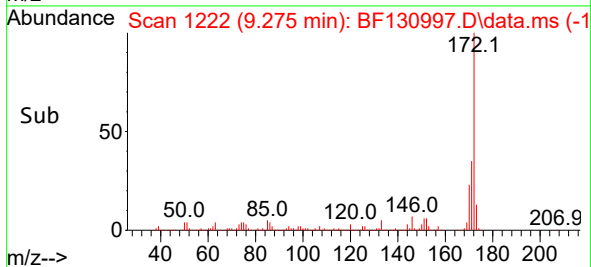
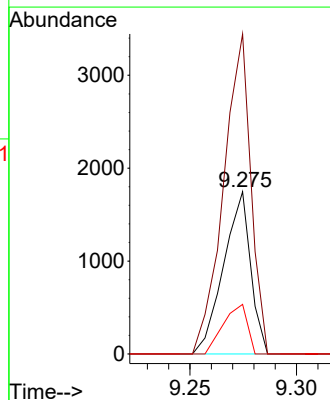
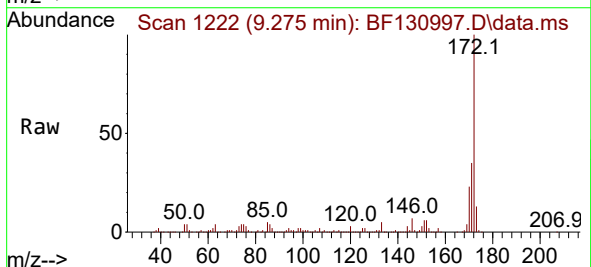
Tgt Ion: 65 Resp: 1541

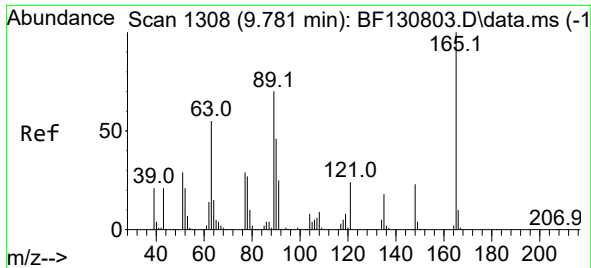
Ion Ratio Lower Upper

65 100

92 197.2 50.1 75.1#

138 30.6 69.2 103.8#

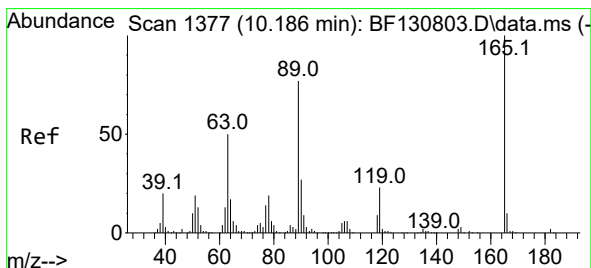
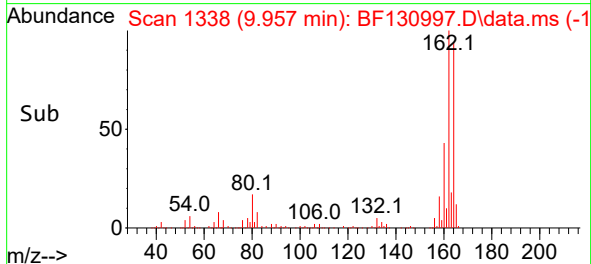
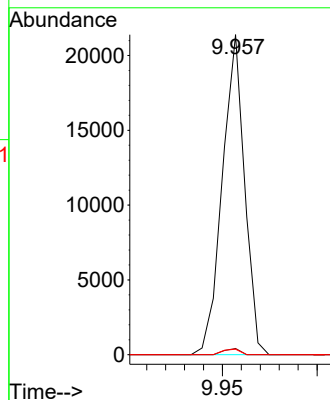
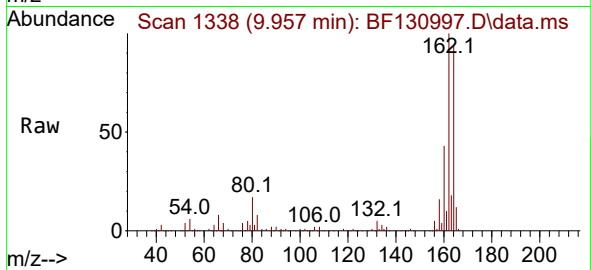




#51
2,6-Dinitrotoluene
Concen: 11.889 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

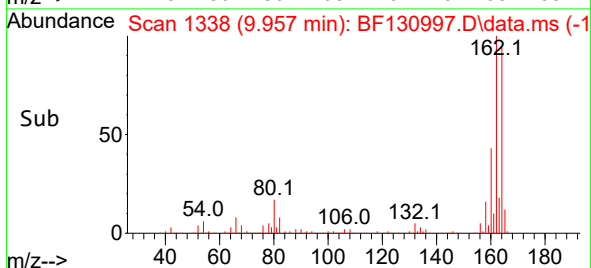
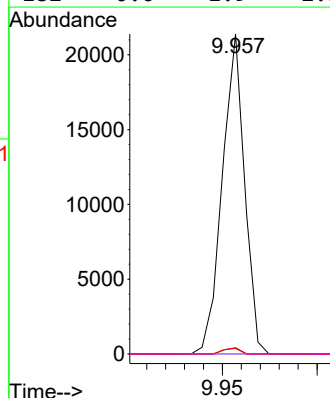
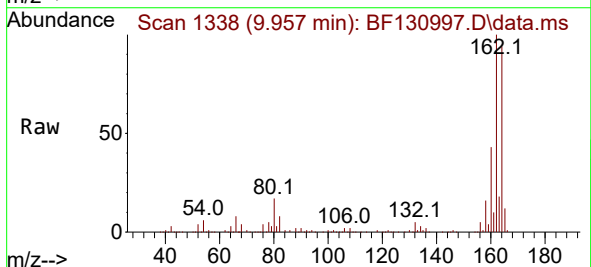
Instrument :
BNA_F
ClientSampleId :
TP-M

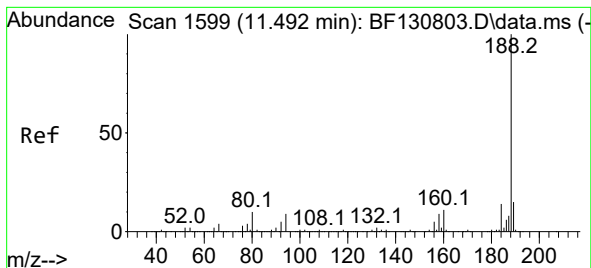
Tgt Ion:165 Resp: 17483
Ion Ratio Lower Upper
165 100
63 1.9 61.8 92.8#
89 1.7 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.802 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

Tgt Ion:165 Resp: 17483
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.7 61.9 92.9#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

Instrument :

BNA_F

ClientSampleId :

TP-M

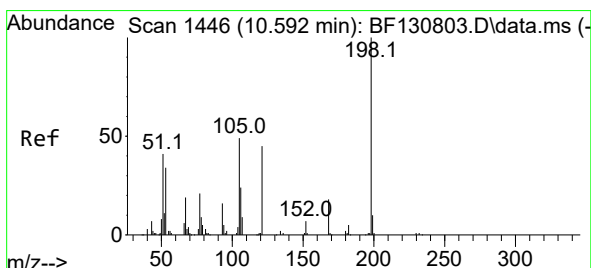
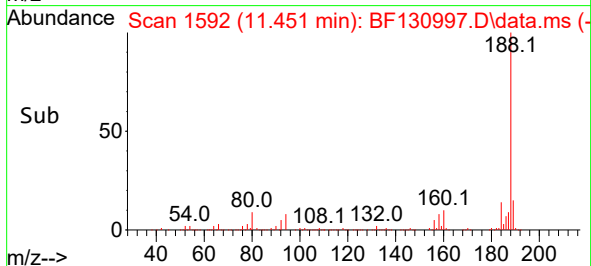
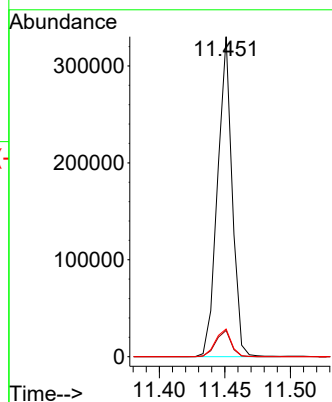
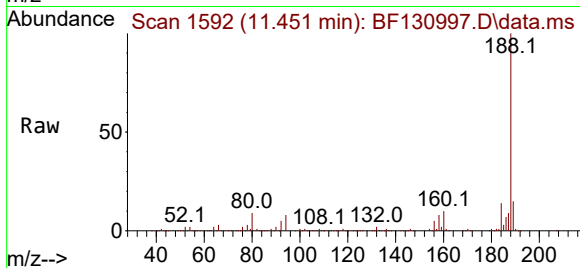
Tgt Ion:188 Resp: 254914

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.228 ng

RT: 10.751 min Scan# 1473

Delta R.T. 0.188 min

Lab File: BF130997.D

Acq: 04 Nov 2022 18:38

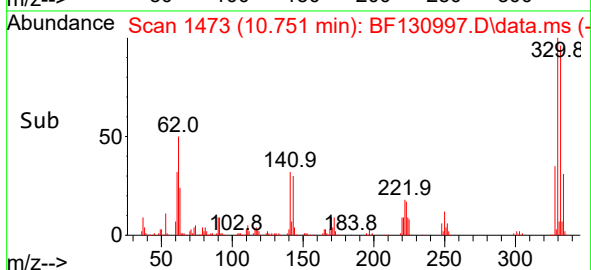
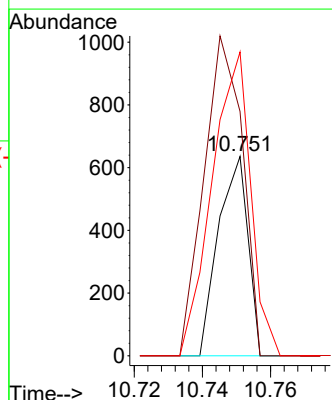
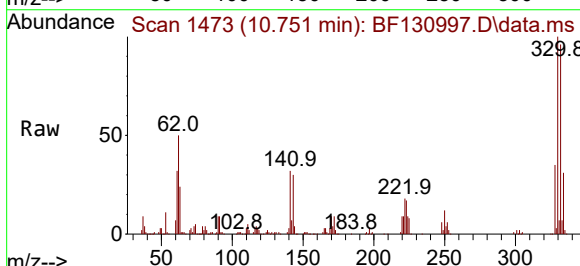
Tgt Ion:198 Resp: 382

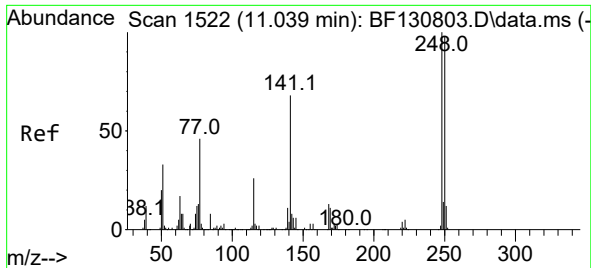
Ion Ratio Lower Upper

198 100

51 122.5 39.0 79.0#

105 152.4 30.6 70.6#

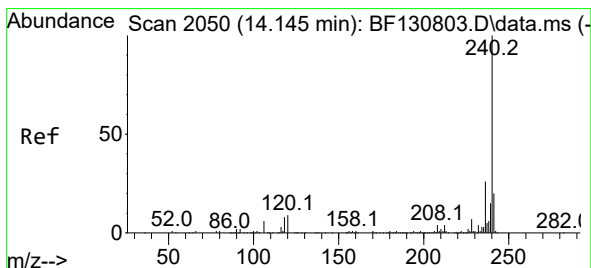
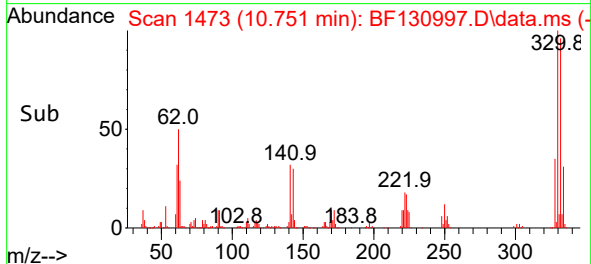
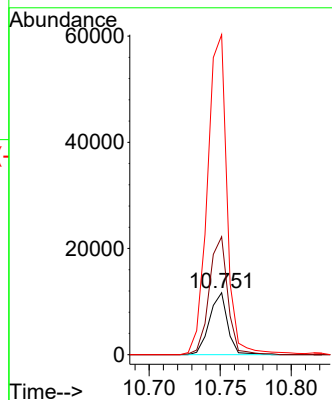
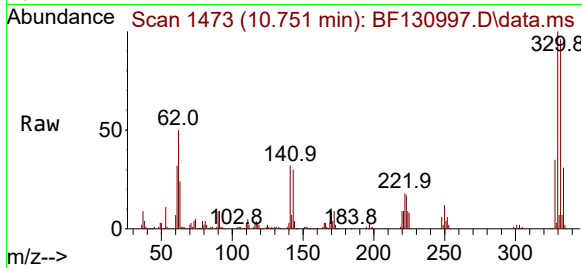




#67
4-Bromophenyl-phenylether
Concen: 4.036 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

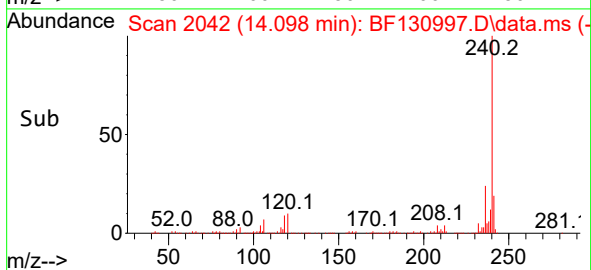
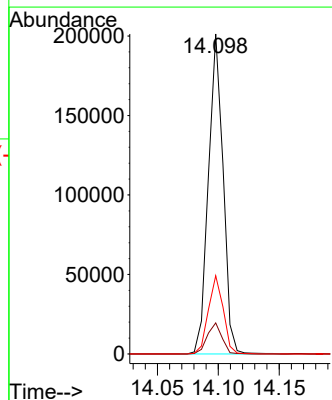
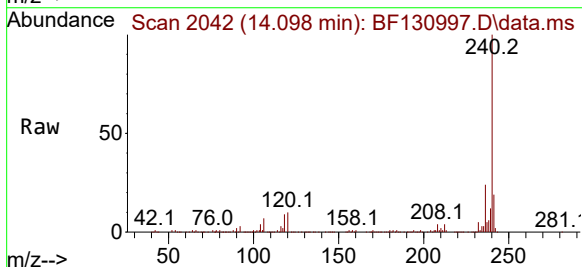
Instrument :
BNA_F
ClientSampleId :
TP-M

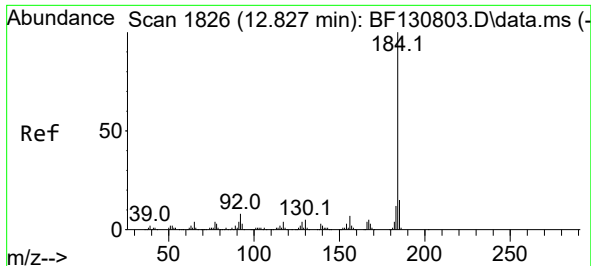
Tgt Ion:248 Resp: 10346
Ion Ratio Lower Upper
248 100
250 190.4 78.6 117.8#
141 516.7 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

Tgt Ion:240 Resp: 169155
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.4
236 24.5 20.5 30.7

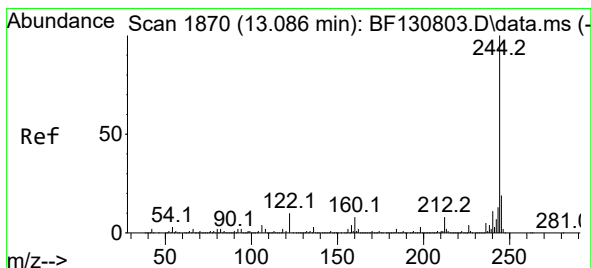
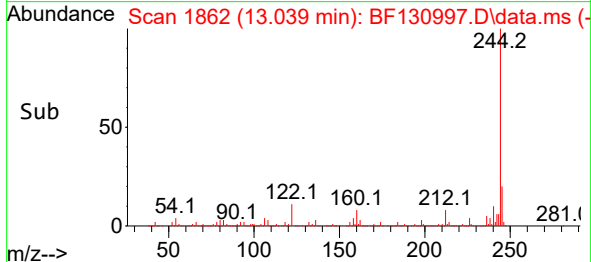
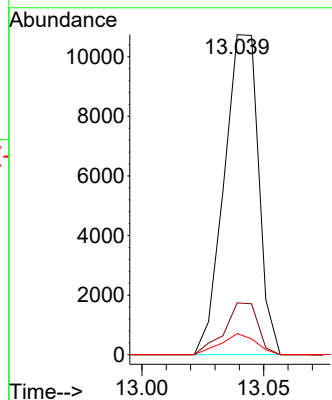
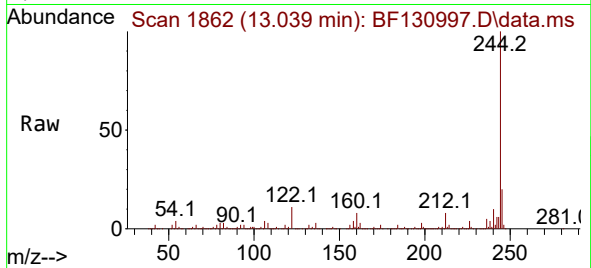




#77
Benzidine
Concen: 2.568 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.247 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

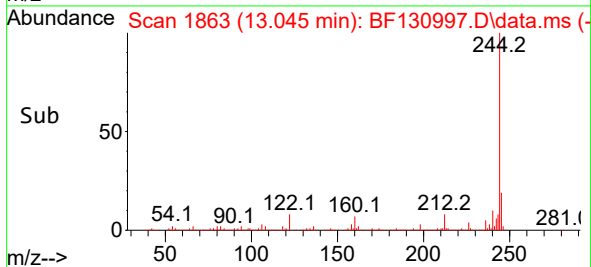
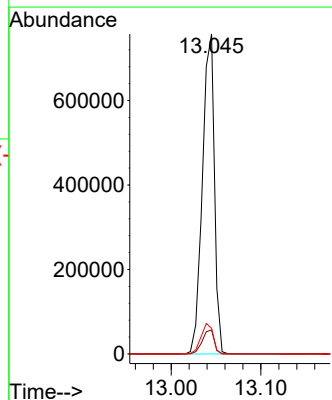
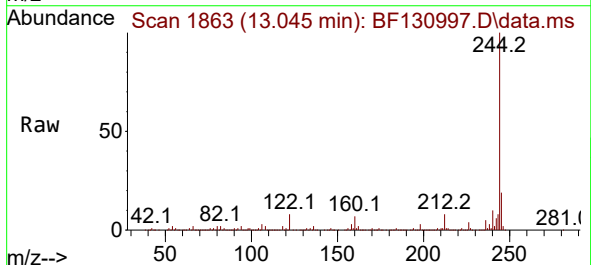
Instrument :
BNA_F
ClientSampleId :
TP-M

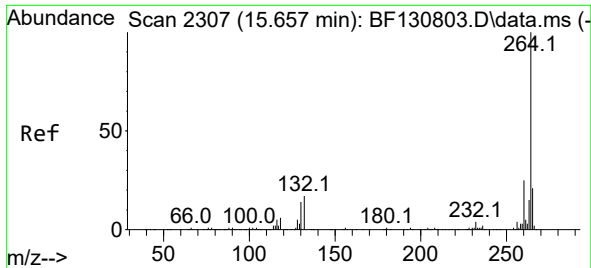
Tgt Ion:184 Resp: 10546
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 6.6 9.7 14.5#



#79
Terphenyl-d14
Concen: 76.244 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

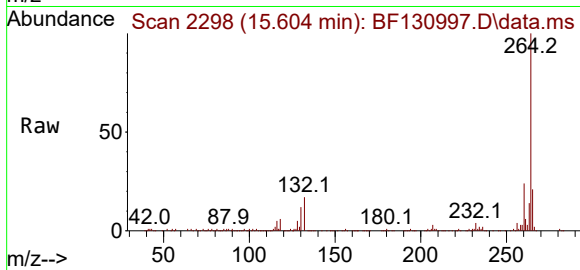
Tgt Ion:244 Resp: 703814
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 8.1 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130997.D
Acq: 04 Nov 2022 18:38

Instrument :
BNA_F
ClientSampleId :
TP-M



Tgt Ion:264 Resp: 145409
Ion Ratio Lower Upper
264 100
260 23.9 19.9 29.9
265 21.0 17.0 25.6

