

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130947.D
 Acq On : 03 Nov 2022 00:23
 Operator : CG\JU
 Sample : N5380-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C

Quant Time: Nov 03 03:50:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

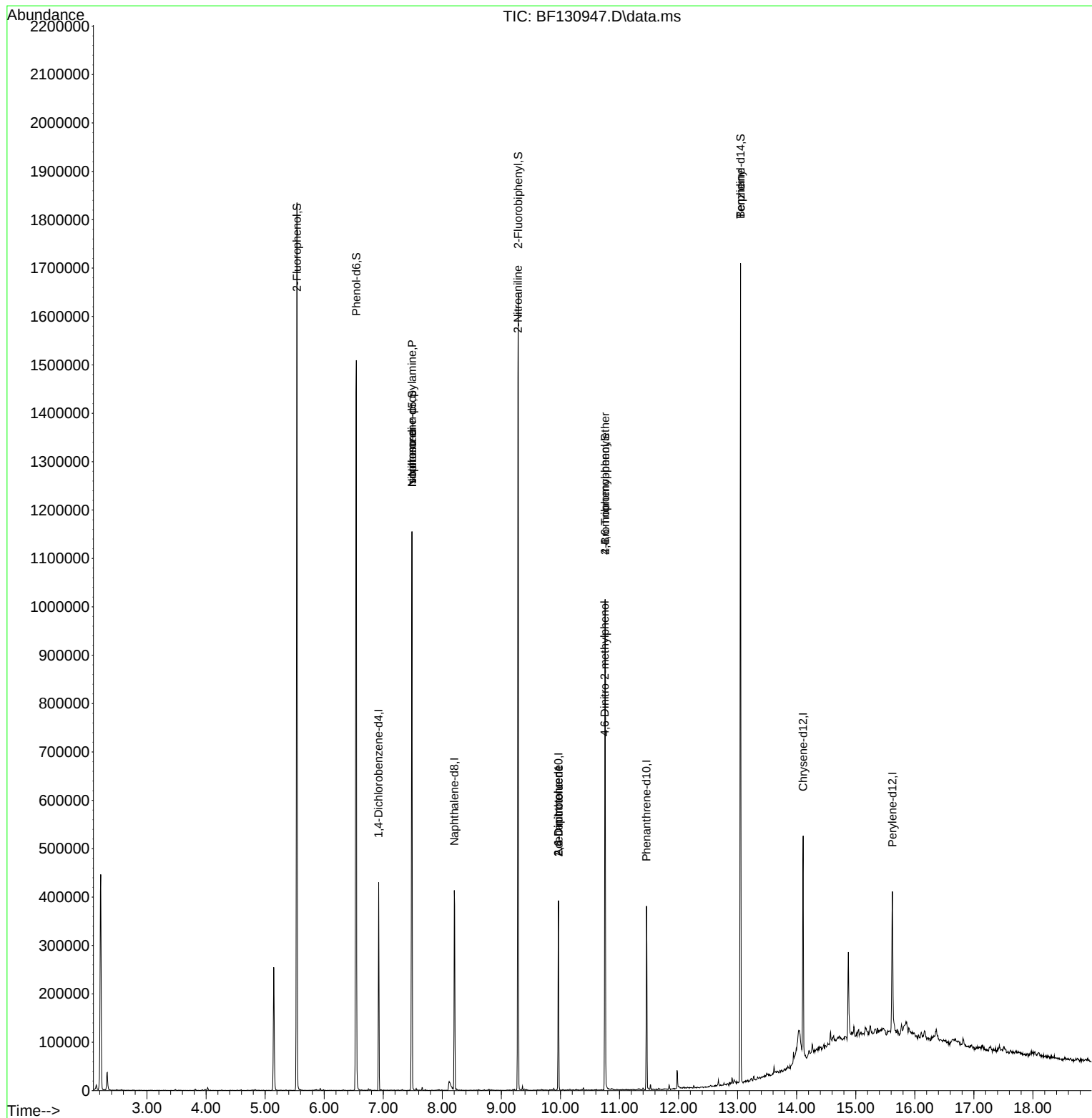
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	51413	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	168216	20.000	ng	-0.01
39) Acenaphthene-d10	9.969	164	75392	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	128725	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	145588	20.000	ng	-0.01
86) Perylene-d12	15.621	264	129906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	416688	140.504	ng	0.00
7) Phenol-d6	6.545	99	488856	126.848	ng	0.00
23) Nitrobenzene-d5	7.487	82	321416	115.215	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	99227	156.349	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	480945	96.447	ng	0.00
79) Terphenyl-d14	13.051	244	526171	66.227	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	45163	17.224	ng	# 75
25) Isophorone	7.487	82	321412	55.871	ng	# 66
48) 2-Nitroaniline	9.281	65	988	4.799	ng	# 1
51) 2,6-Dinitrotoluene	9.969	165	9262	11.651	ng	# 13
57) 2,4-Dinitrotoluene	9.969	165	9262	10.617	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	319	8.423	ng	# 25
67) 4-Bromophenyl-phenylether	10.757	248	6630	5.122	ng	# 1
77) Benzidine	13.051	184	8206	2.322	ng	# 88

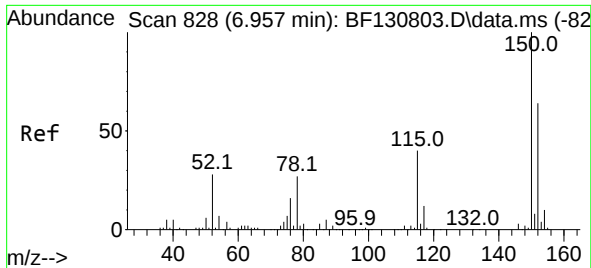
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130947.D
Acq On : 03 Nov 2022 00:23
Operator : CG\JU
Sample : N5380-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Time: Nov 03 03:50:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration

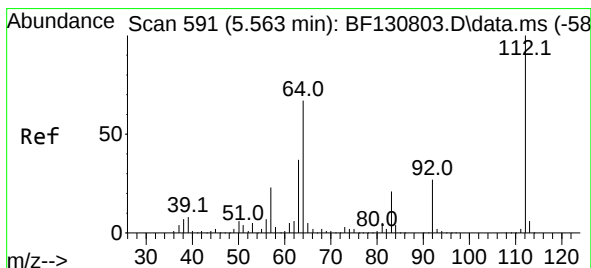
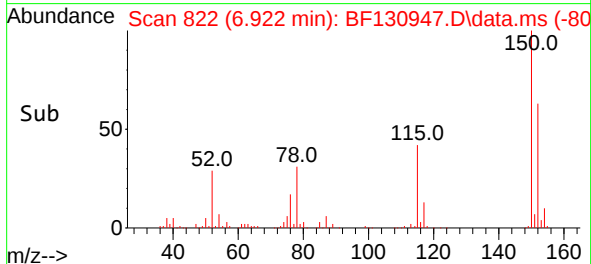
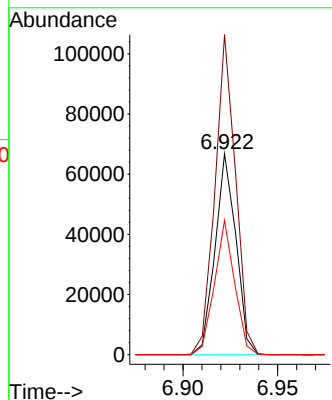
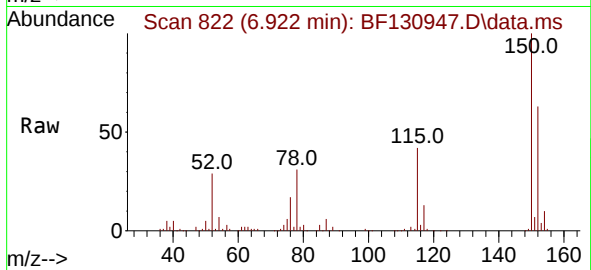




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

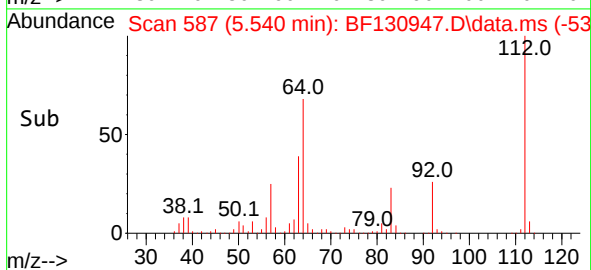
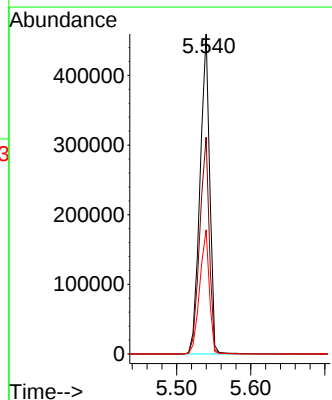
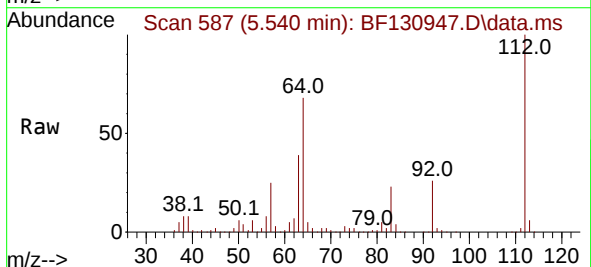
Instrument :
BNA_F
ClientSampleId :
TP-C

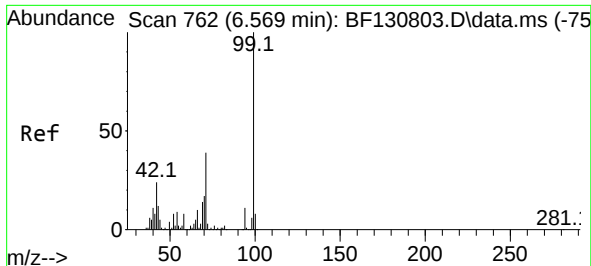
Tgt Ion:152 Resp: 51413
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 66.8 50.1 75.1



#5
2-Fluorophenol
Concen: 140.504 ng
RT: 5.540 min Scan# 587
Delta R.T. -0.000 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

Tgt Ion:112 Resp: 416688
Ion Ratio Lower Upper
112 100
64 67.7 53.9 80.9
63 38.8 29.4 44.2

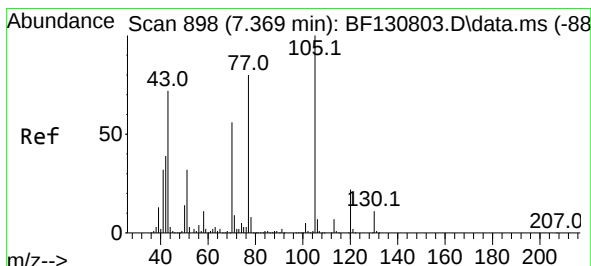
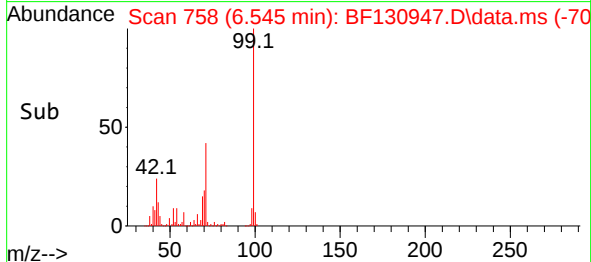
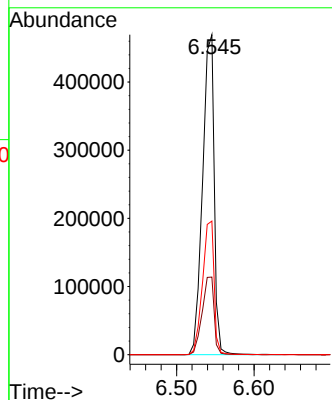
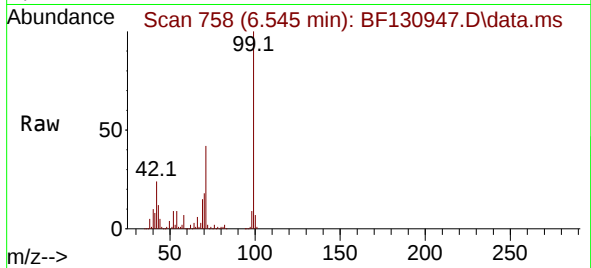




#7
Phenol-d6
Concen: 126.848 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

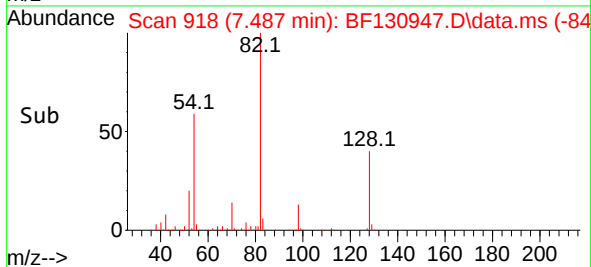
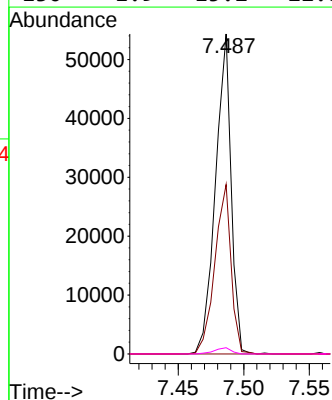
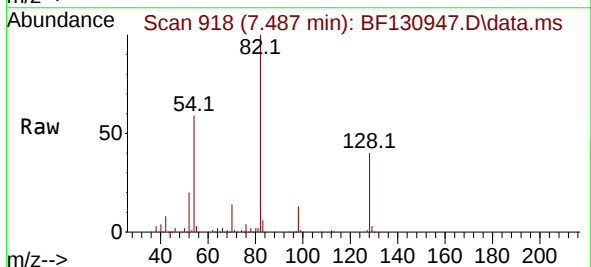
Instrument :
BNA_F
ClientSampleId :
TP-C

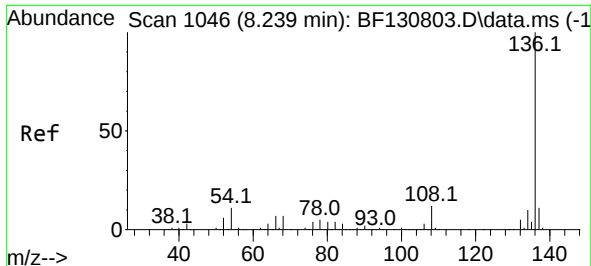
Tgt Ion: 99 Resp: 488856
Ion Ratio Lower Upper
99 100
42 24.2 18.8 28.2
71 41.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.224 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

Tgt Ion: 70 Resp: 45163
Ion Ratio Lower Upper
70 100
42 52.9 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#

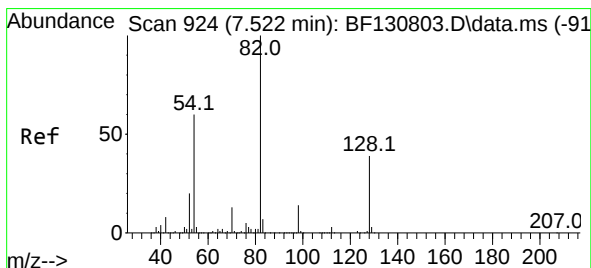
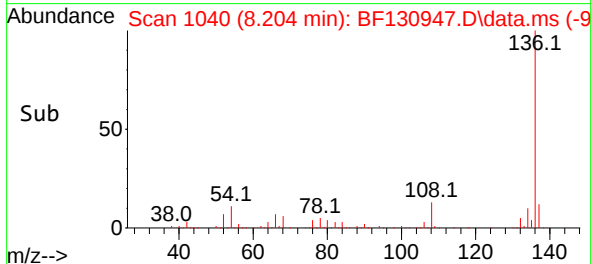
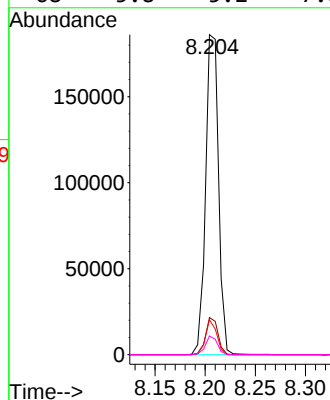
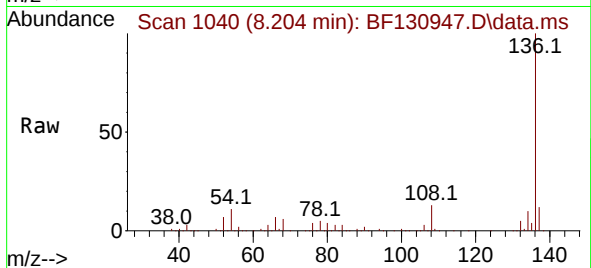




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

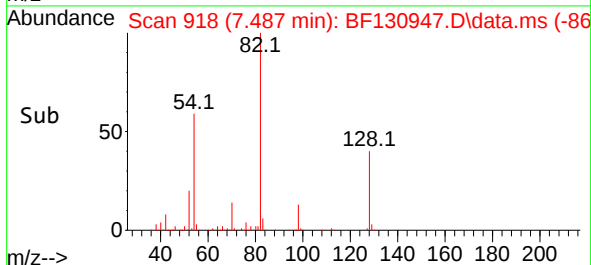
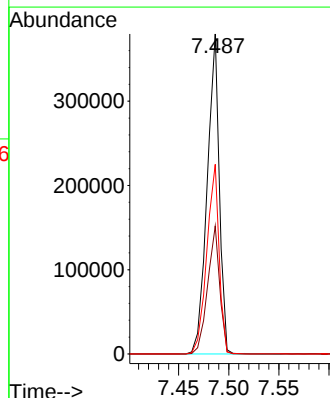
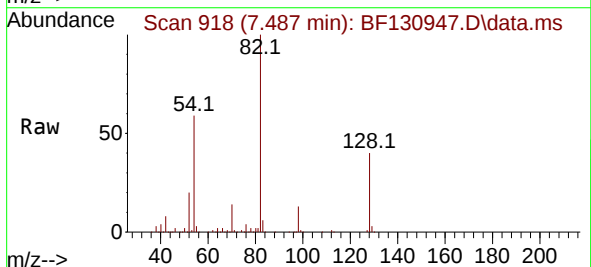
Instrument :
BNA_F
ClientSampleId :
TP-C

Tgt Ion:136	Resp: 168216
Ion Ratio	Lower Upper
136 100	
137 11.6	9.2 13.8
54 10.9	8.8 13.2
68 5.8	5.2 7.8



#23
Nitrobenzene-d5
Concen: 115.215 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

Tgt Ion: 82	Resp: 321416
Ion Ratio	Lower Upper
82 100	
128 40.0	31.2 46.8
54 59.2	48.0 72.0

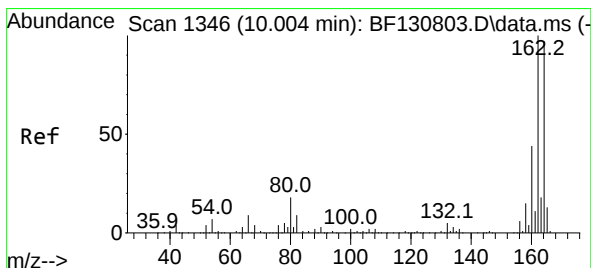
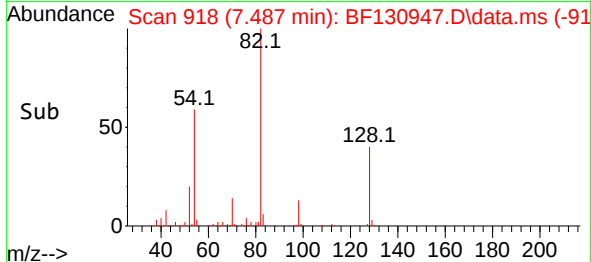
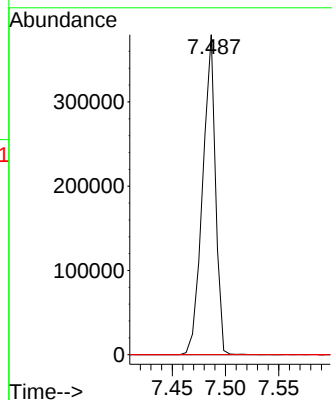
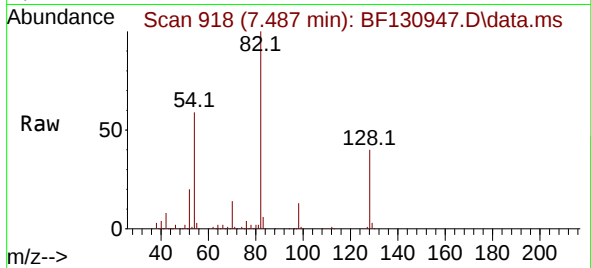




#25
Isophorone
Concen: 55.871 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

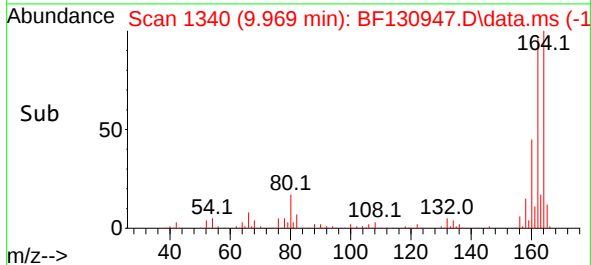
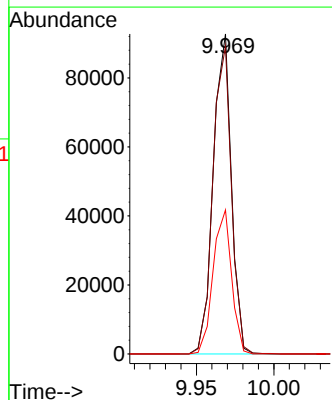
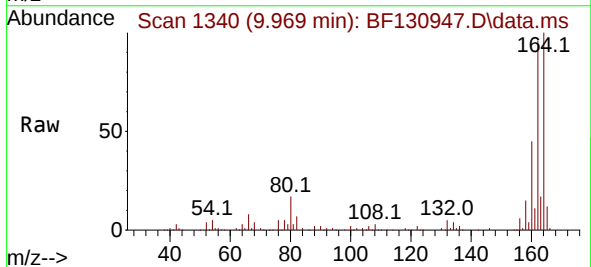
Instrument :
BNA_F
ClientSampleId :
TP-C

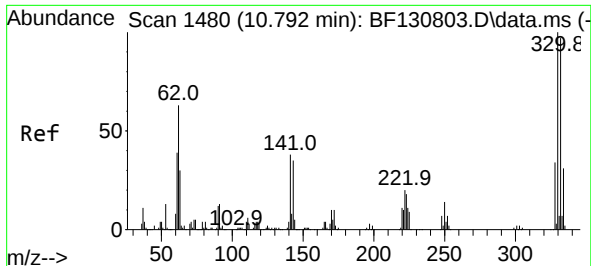
Tgt Ion: 82 Resp: 321412
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

Tgt Ion: 164 Resp: 75392
Ion Ratio Lower Upper
164 100
162 96.3 82.2 123.2
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 156.349 ng

RT: 10.757 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF130947.D

Acq: 03 Nov 2022 00:23

Instrument :

BNA_F

ClientSampleId :

TP-C

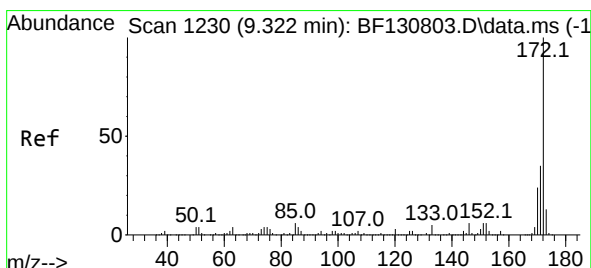
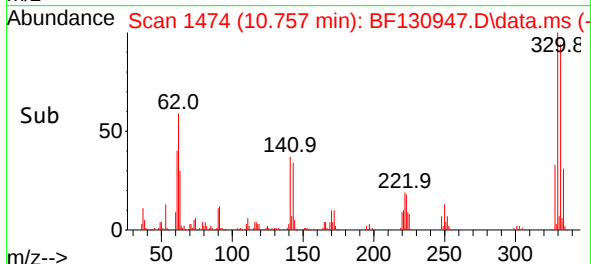
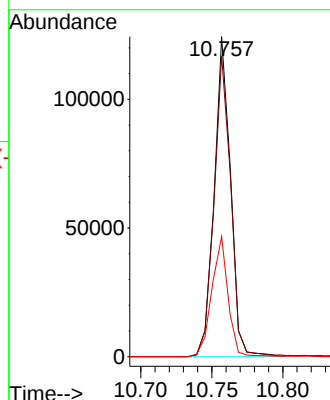
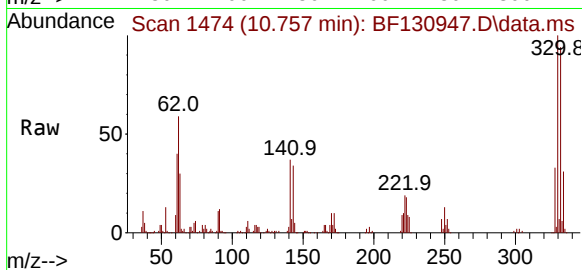
Tgt Ion:330 Resp: 99227

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 37.5 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 96.447 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF130947.D

Acq: 03 Nov 2022 00:23

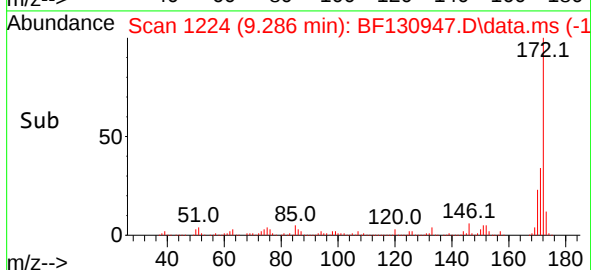
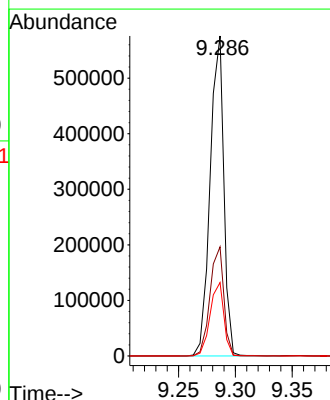
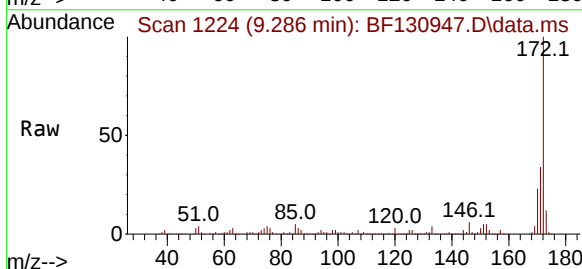
Tgt Ion:172 Resp: 480945

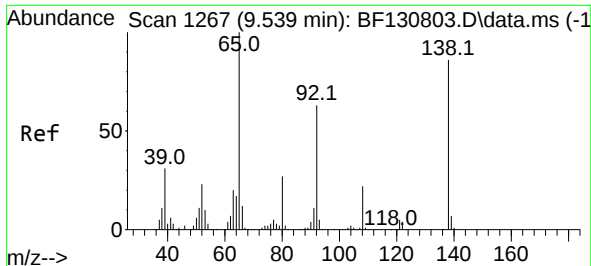
Ion Ratio Lower Upper

172 100

171 34.1 28.1 42.1

170 23.0 19.0 28.4





#48

2-Nitroaniline

Concen: 4.799 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.235 min

Lab File: BF130947.D

Acq: 03 Nov 2022 00:23

Instrument :

BNA_F

ClientSampleId :

TP-C

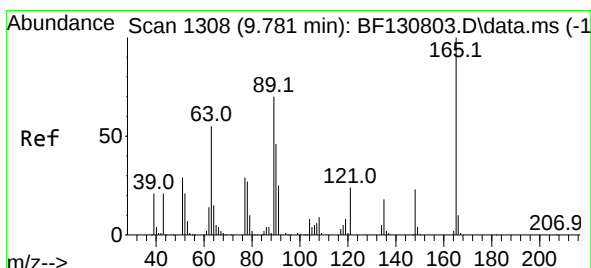
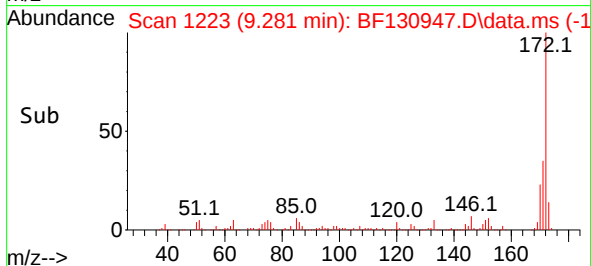
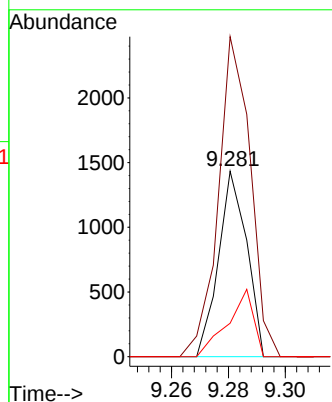
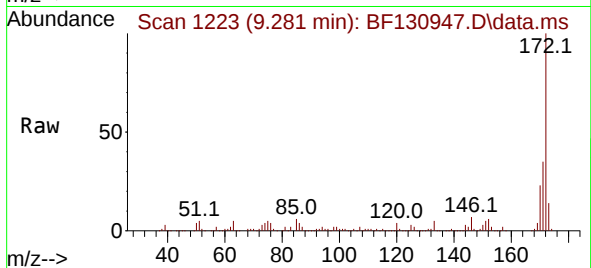
Tgt Ion: 65 Resp: 988

Ion Ratio Lower Upper

65 100

92 172.6 50.1 75.1#

138 18.1 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 11.651 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.212 min

Lab File: BF130947.D

Acq: 03 Nov 2022 00:23

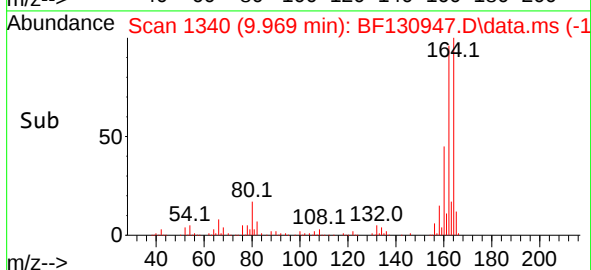
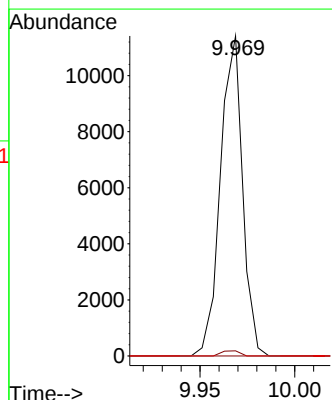
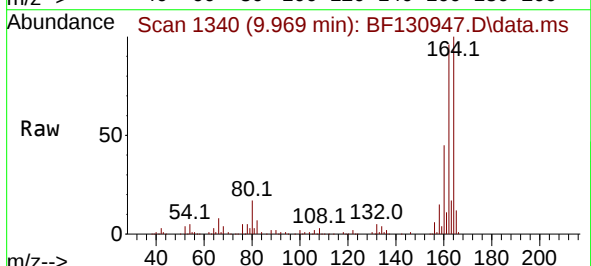
Tgt Ion: 165 Resp: 9262

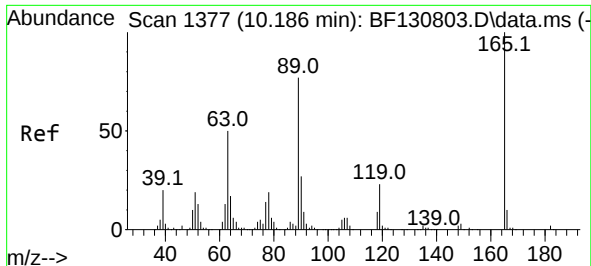
Ion Ratio Lower Upper

165 100

63 1.6 61.8 92.8#

89 0.0 56.2 84.4#

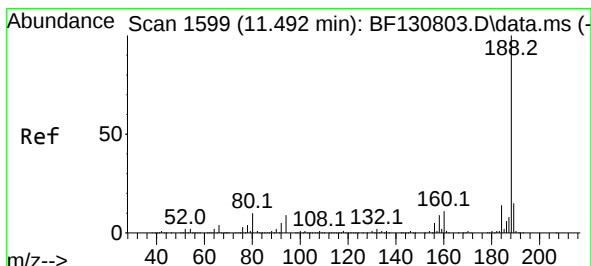
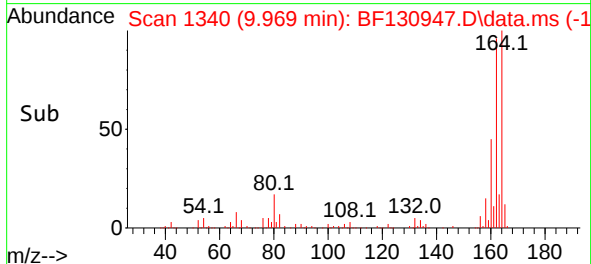
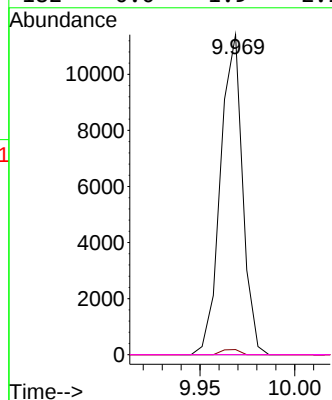
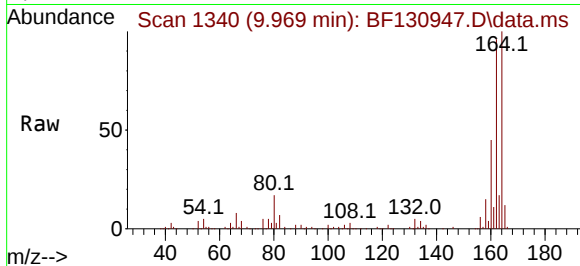




#57
2,4-Dinitrotoluene
Concen: 10.617 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

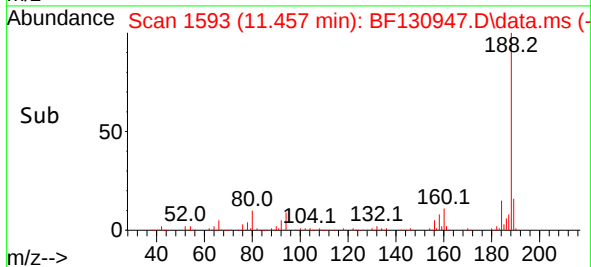
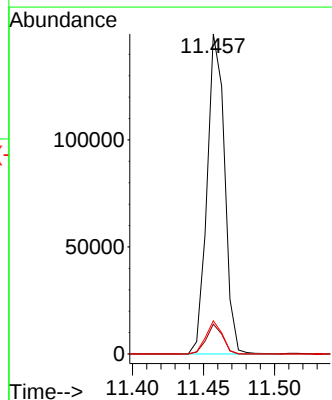
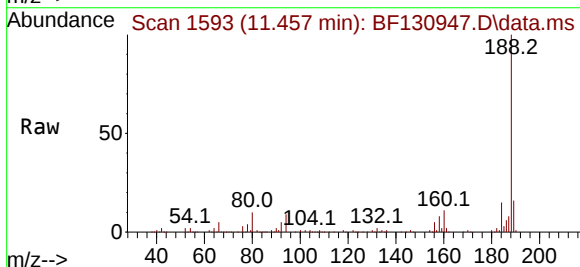
Instrument :
BNA_F
ClientSampleId :
TP-C

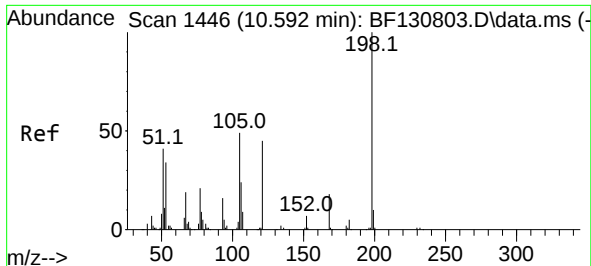
Tgt Ion:165 Resp: 9262
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 0.0 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

Tgt Ion:188 Resp: 128725
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.3 8.0 12.0

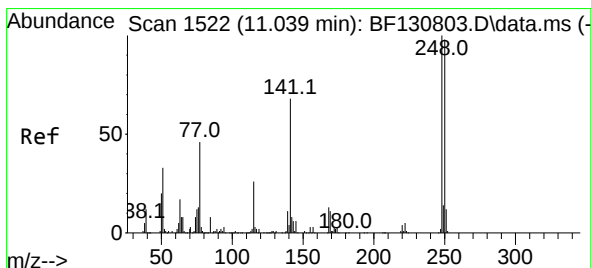
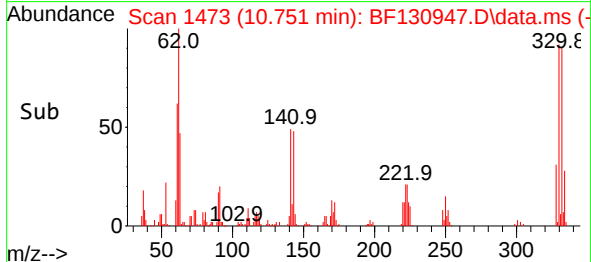
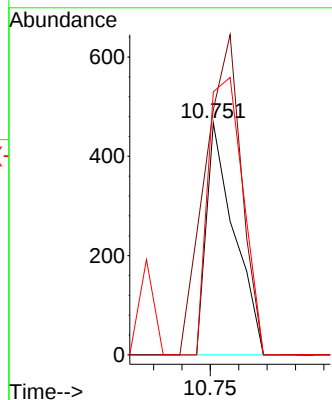
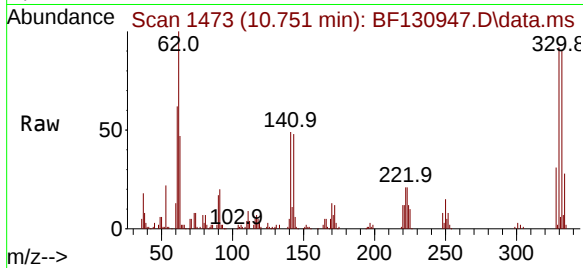




#65
4,6-Dinitro-2-methylphenol
Concen: 8.423 ng
RT: 10.751 min Scan# 1446
Delta R.T. 0.182 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

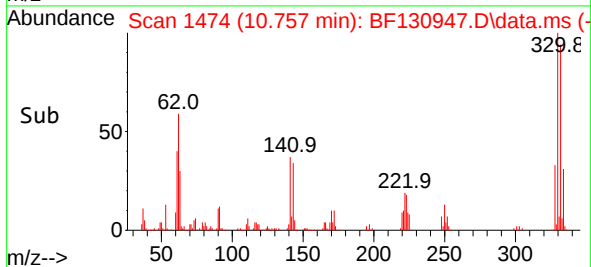
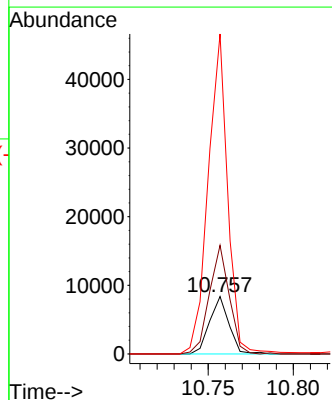
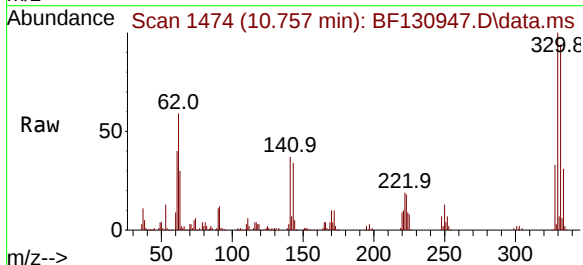
Instrument :
BNA_F
ClientSampleId :
TP-C

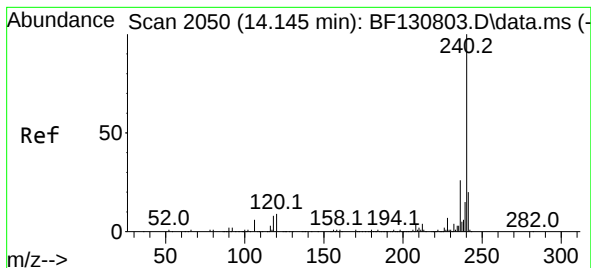
Tgt Ion:198 Resp: 319
Ion Ratio Lower Upper
198 100
51 105.8 39.0 79.0#
105 113.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.122 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.253 min
Lab File: BF130947.D
Acq: 03 Nov 2022 00:23

Tgt Ion:248 Resp: 6630
Ion Ratio Lower Upper
248 100
250 189.0 78.6 117.8#
141 556.4 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2050

Delta R.T. -0.012 min

Lab File: BF130947.D

Acq: 03 Nov 2022 00:23

Instrument :

BNA_F

ClientSampleId :

TP-C

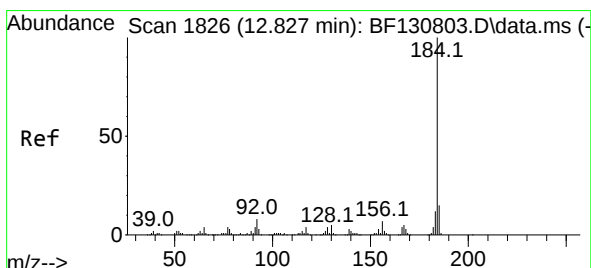
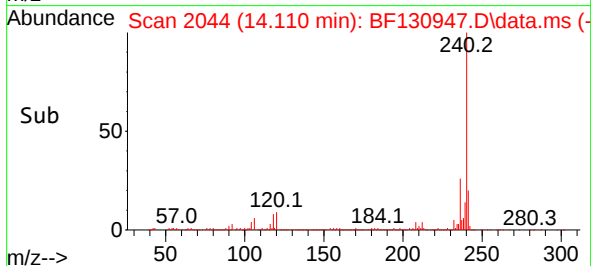
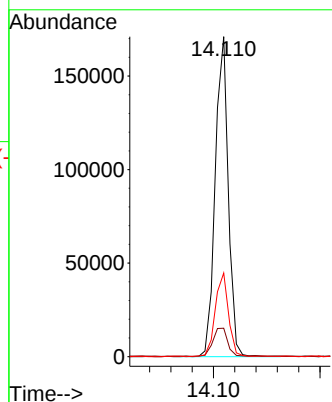
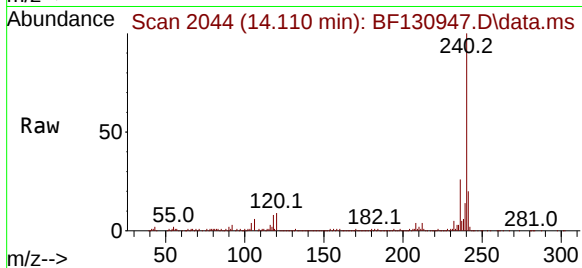
Tgt Ion:240 Resp: 145588

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.4

236 26.2 20.5 30.7



#77

Benzidine

Concen: 2.322 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.247 min

Lab File: BF130947.D

Acq: 03 Nov 2022 00:23

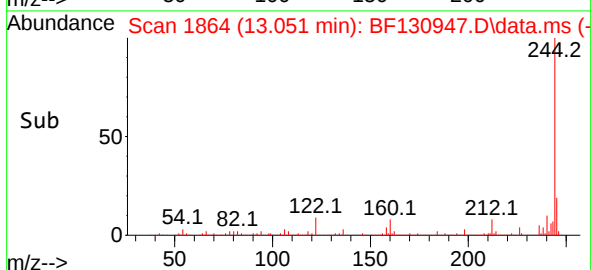
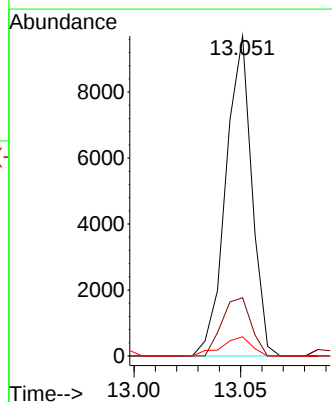
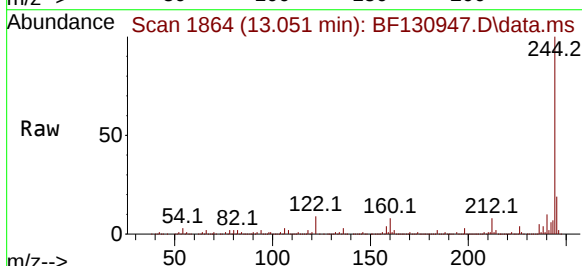
Tgt Ion:184 Resp: 8206

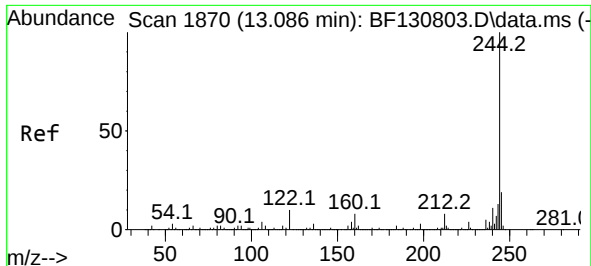
Ion Ratio Lower Upper

184 100

185 18.2 11.8 17.8#

183 6.0 9.7 14.5#

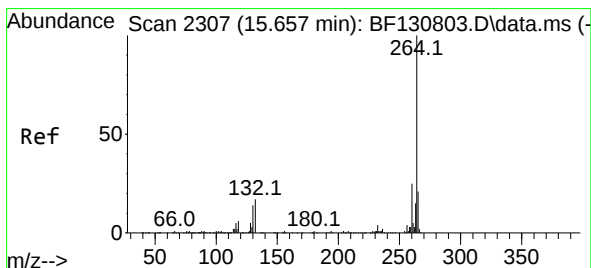
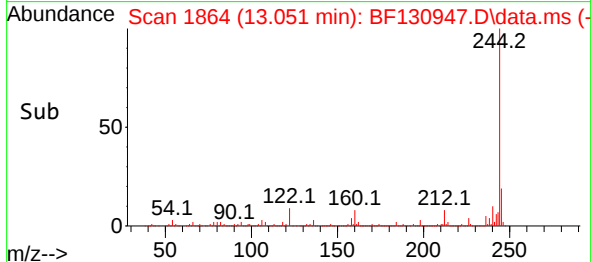
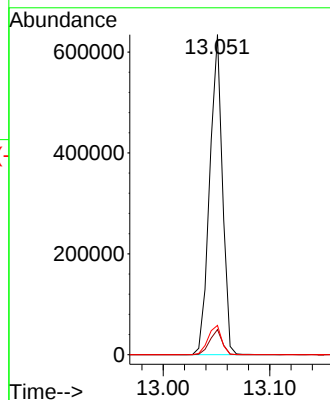
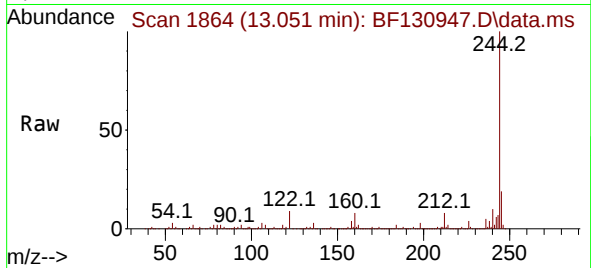




#79
 Terphenyl-d14
 Concen: 66.227 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.006 min
 Lab File: BF130947.D
 Acq: 03 Nov 2022 00:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-C

Tgt Ion:244 Resp: 526171
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2301
 Delta R.T. -0.006 min
 Lab File: BF130947.D
 Acq: 03 Nov 2022 00:23

Tgt Ion:264 Resp: 129906
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.9 29.9
 265 21.4 17.0 25.6

