

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130961.D
 Acq On : 03 Nov 2022 14:00
 Operator : CG\JU
 Sample : N5380-07RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CRE

Quant Time: Nov 03 14:44:21 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)

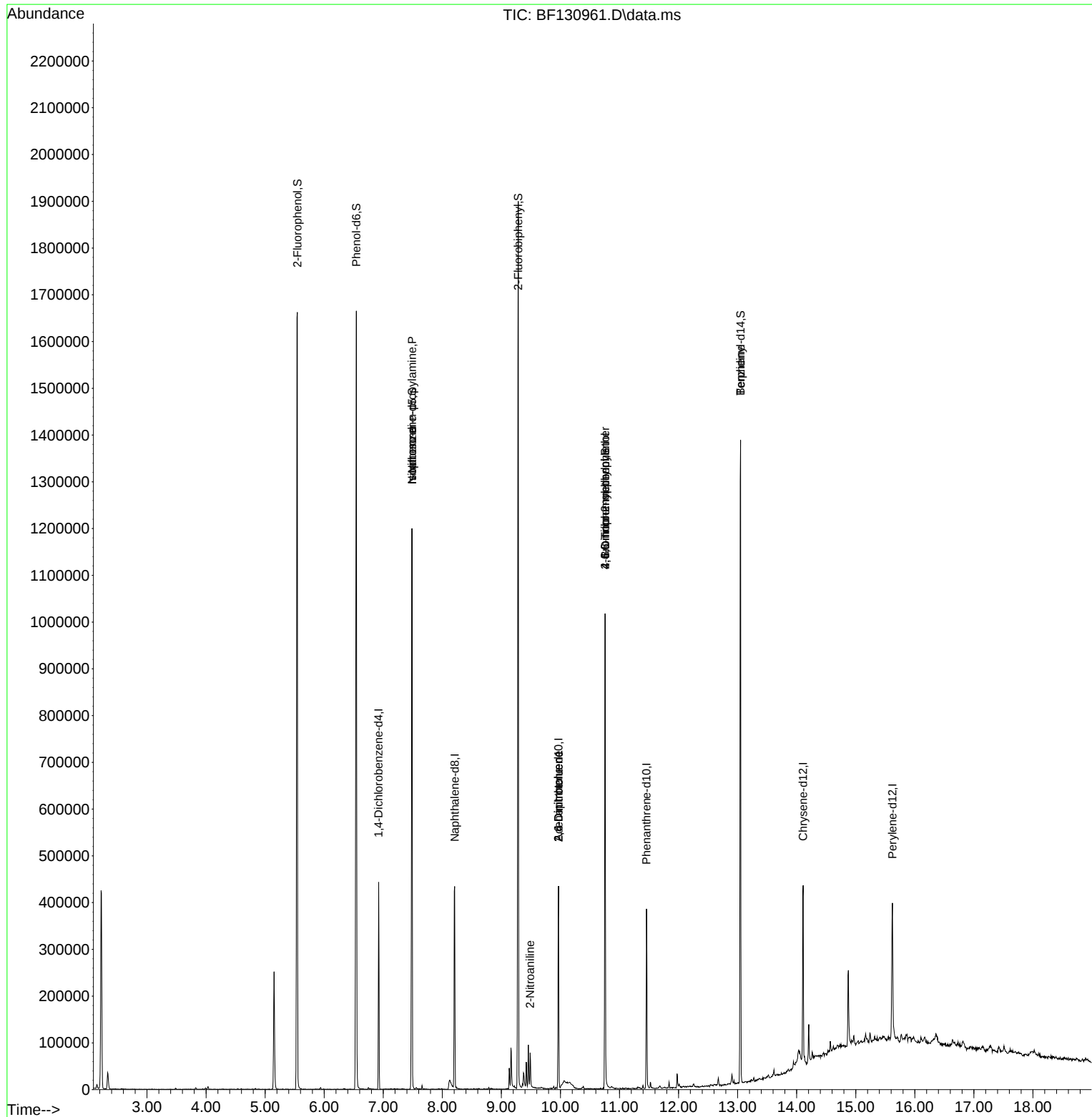
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	54888	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	185494	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	84881	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	128208	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	130744	20.000	ng	-0.01
86) Perylene-d12	15.621	264	136288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	430778	136.059	ng	0.00
7) Phenol-d6	6.545	99	527481	128.205	ng	0.00
23) Nitrobenzene-d5	7.487	82	351320	114.204	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	103021	144.181	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	542867	96.694	ng	0.00
79) Terphenyl-d14	13.051	244	463082	64.904	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	49134	17.552	ng	# 79
25) Isophorone	7.487	82	351318	55.381	ng	# 66
48) 2-Nitroaniline	9.486	65	2403	5.555	ng	# 13
51) 2,6-Dinitrotoluene	9.969	165	11050	12.180	ng	# 15
57) 2,4-Dinitrotoluene	9.969	165	11050	11.029	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.757	198	217	8.266	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	6664	5.169	ng	# 1
77) Benzidine	13.051	184	7411	2.335	ng	# 91

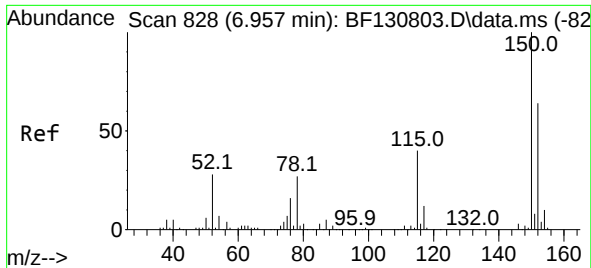
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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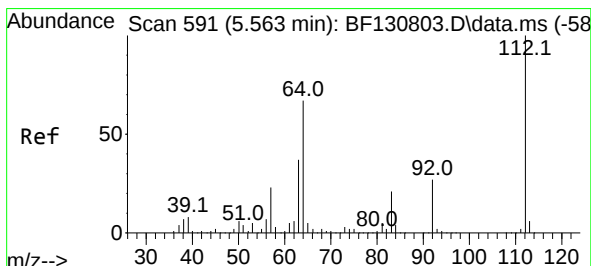
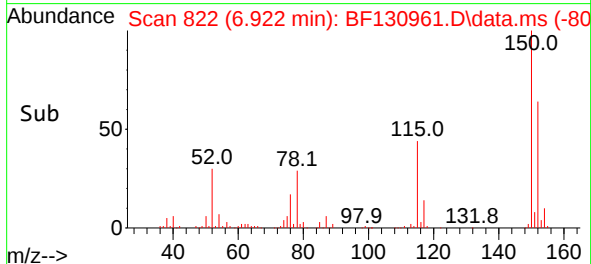
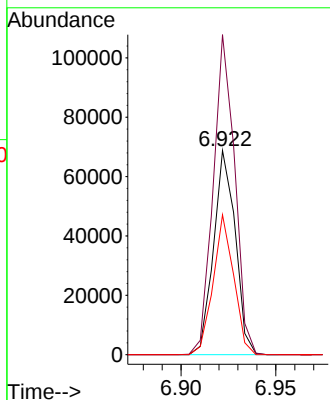
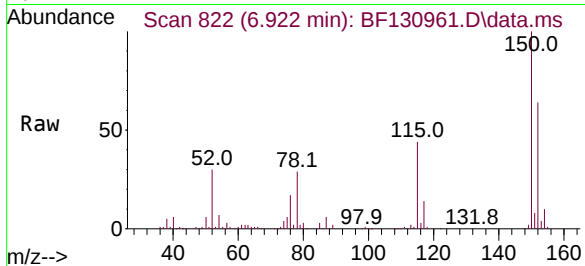




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130961.D
 Acq: 03 Nov 2022 14:00

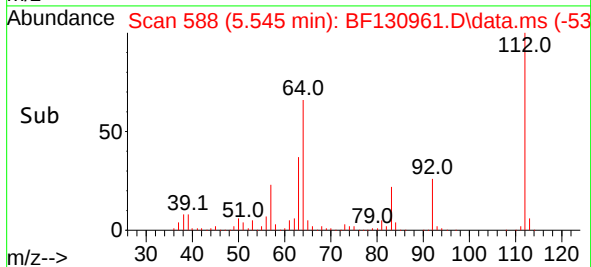
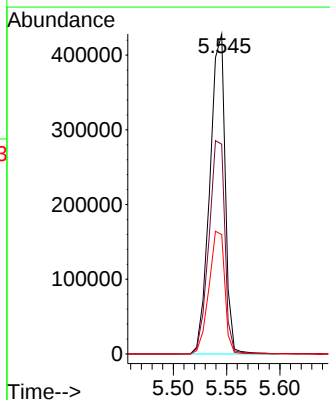
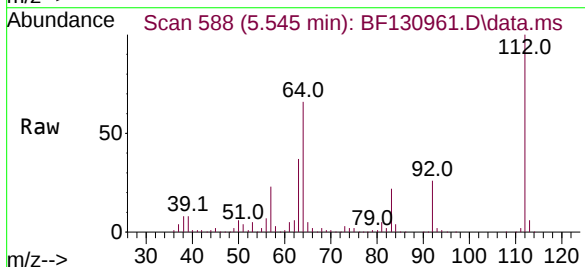
Instrument :
 BNA_F
 ClientSampleId :
 TP-CRE

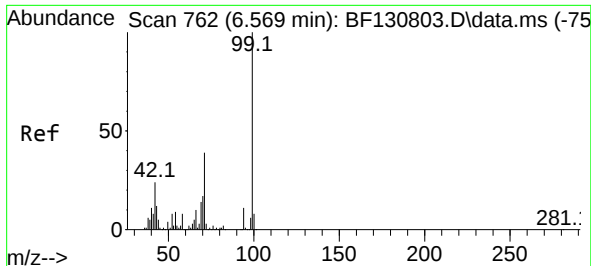
Tgt Ion:152 Resp: 54888
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.1 186.1
 115 68.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 136.059 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.006 min
 Lab File: BF130961.D
 Acq: 03 Nov 2022 14:00

Tgt Ion:112 Resp: 430778
 Ion Ratio Lower Upper
 112 100
 64 65.5 53.9 80.9
 63 37.3 29.4 44.2

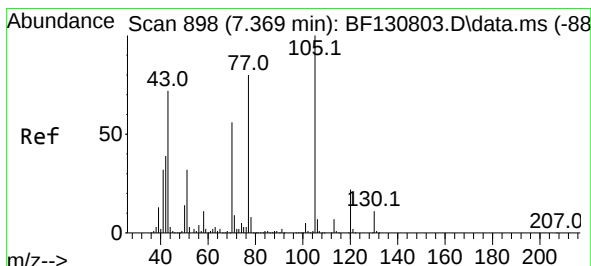
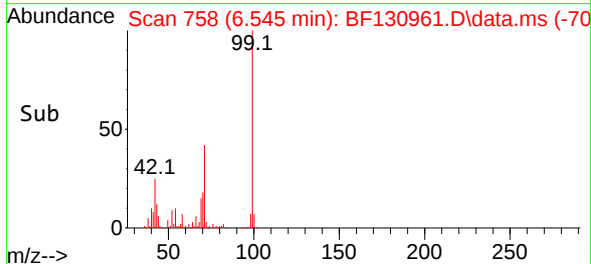
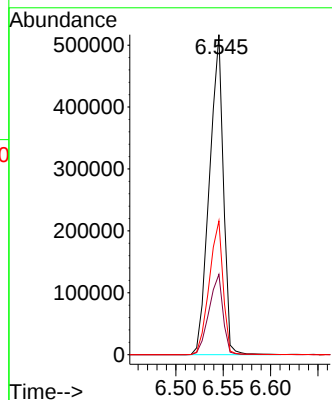
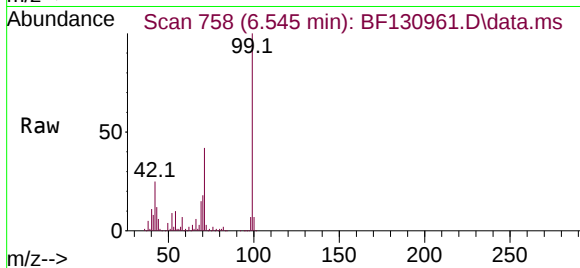




#7
Phenol-d6
Concen: 128.205 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

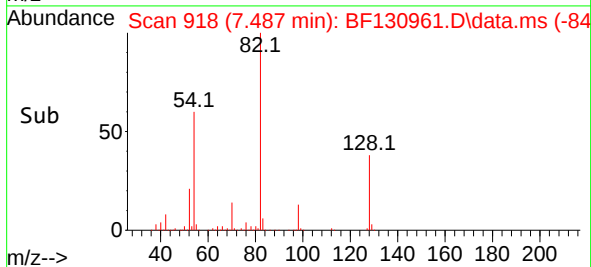
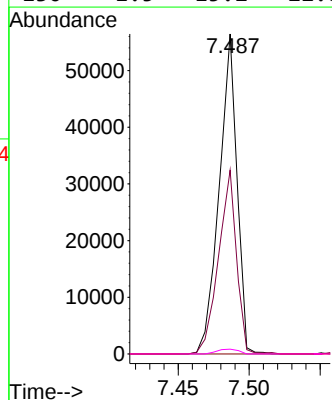
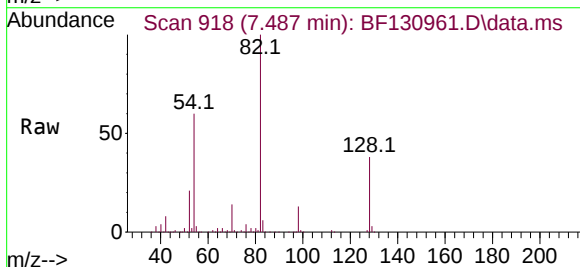
Instrument :
BNA_F
ClientSampleId :
TP-CRE

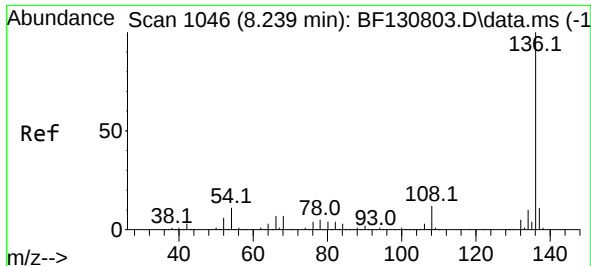
Tgt Ion: 99 Resp: 527481
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 41.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.552 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 70 Resp: 49134
Ion Ratio Lower Upper
70 100
42 57.5 56.1 84.1
101 0.0 7.3 10.9#
130 1.5 15.2 22.8#

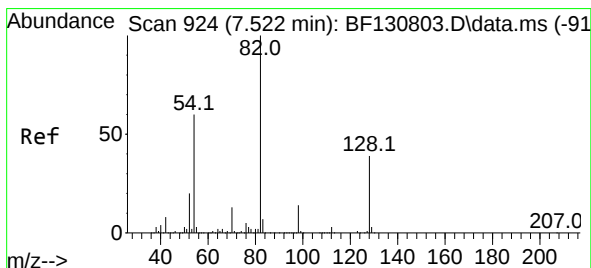
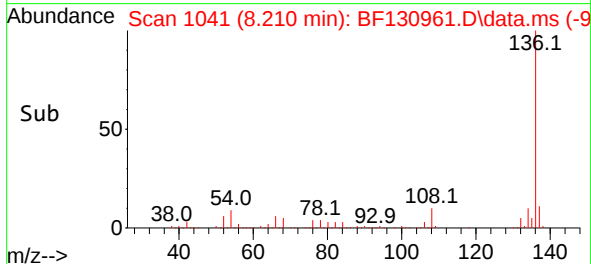
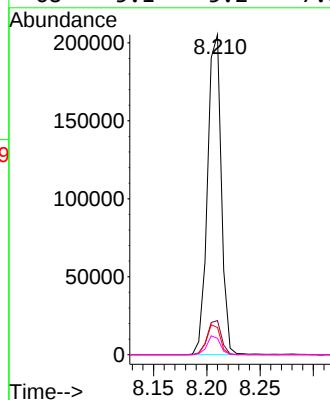
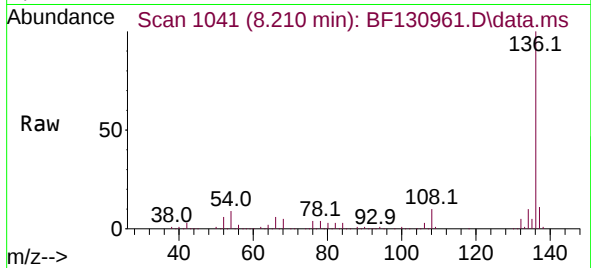




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

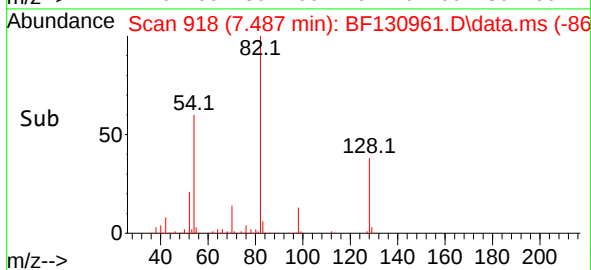
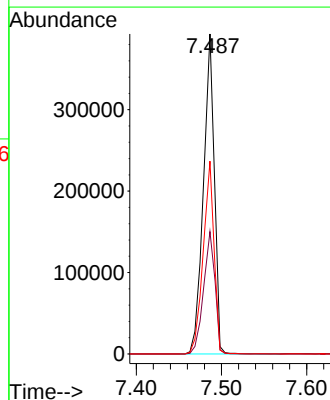
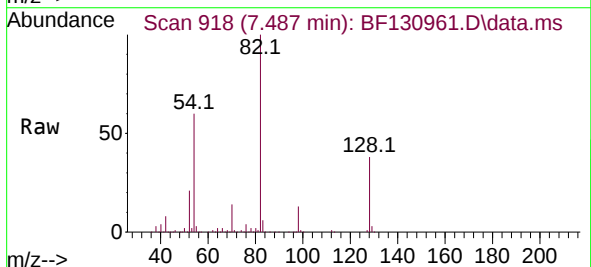
Instrument :
BNA_F
ClientSampleId :
TP-CRE

Tgt Ion:136 Resp: 185494
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.5 8.8 13.2#
68 5.1 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 114.204 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 82 Resp: 351320
Ion Ratio Lower Upper
82 100
128 38.3 31.2 46.8
54 60.3 48.0 72.0

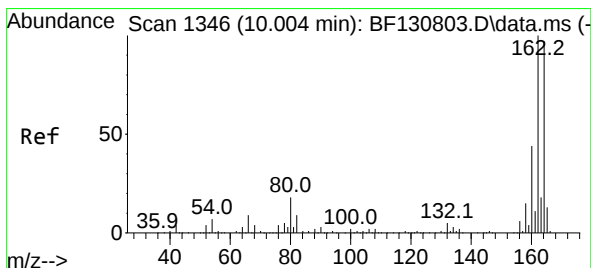
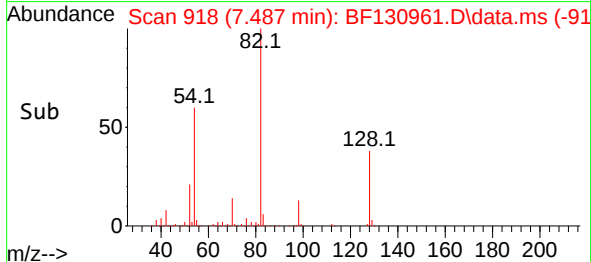
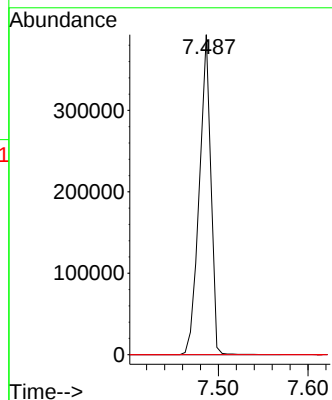
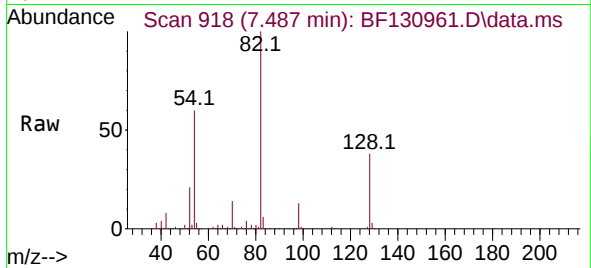




#25
Isophorone
Concen: 55.381 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

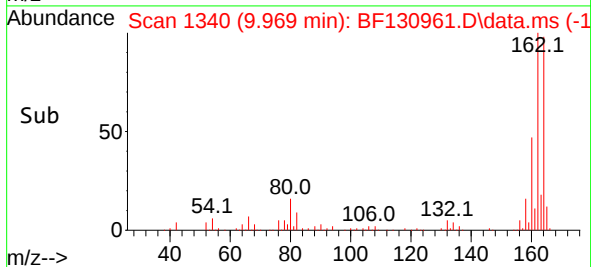
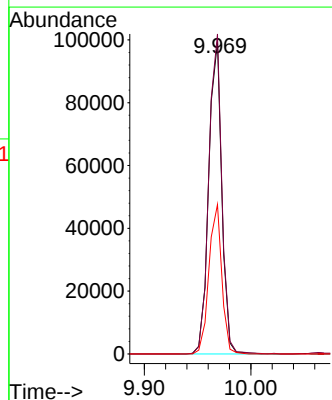
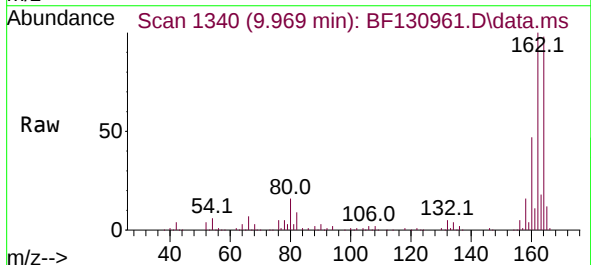
Instrument :
BNA_F
ClientSampleId :
TP-CRE

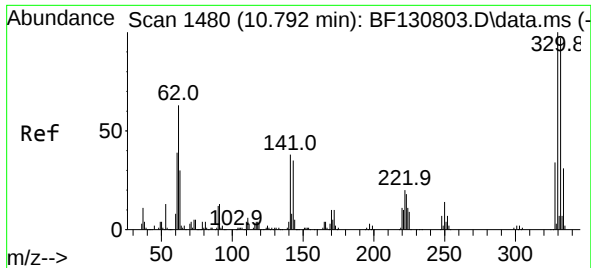
Tgt Ion: 82 Resp: 351318
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 164 Resp: 84881
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 47.8 36.6 54.8

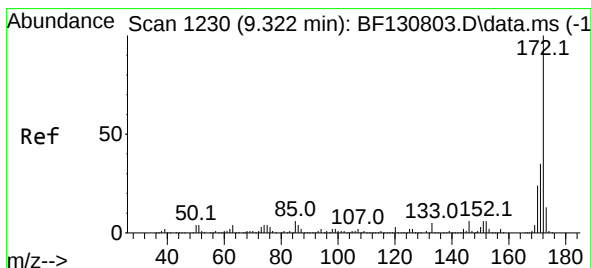
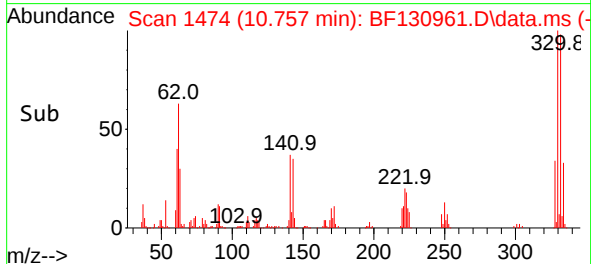
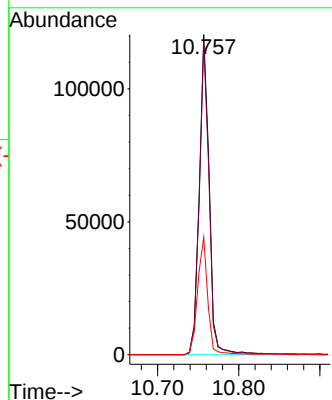
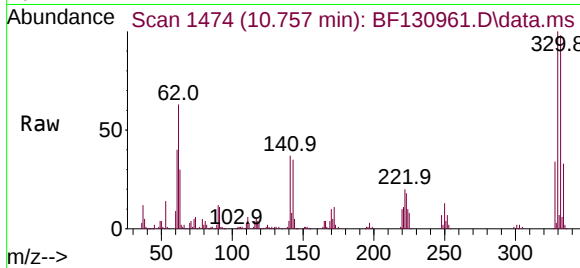




#42
2,4,6-Tribromophenol
Concen: 144.181 ng
RT: 10.757 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

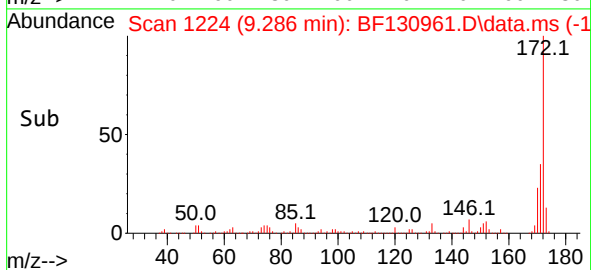
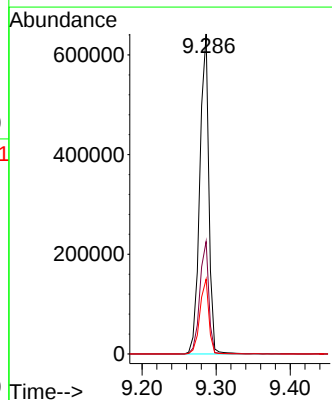
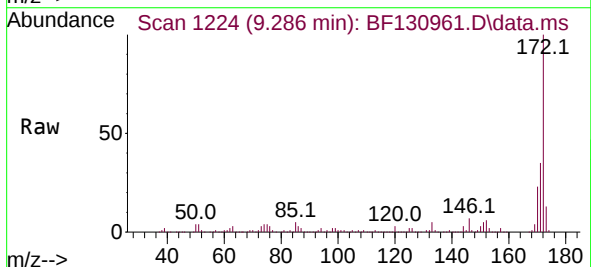
Instrument :
BNA_F
ClientSampleId :
TP-CRE

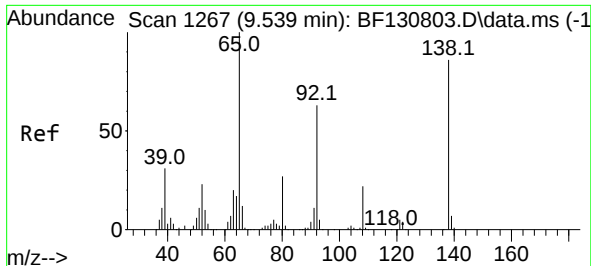
Tgt Ion:330 Resp: 103021
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 37.3 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 96.694 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

Tgt Ion:172 Resp: 542867
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.4 19.0 28.4





#48

2-Nitroaniline

Concen: 5.555 ng

RT: 9.486 min Scan# 1

Delta R.T. -0.029 min

Lab File: BF130961.D

Acq: 03 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

TP-CRE

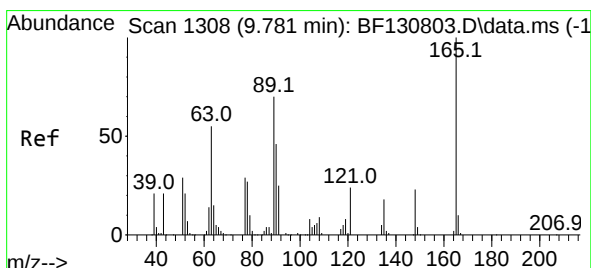
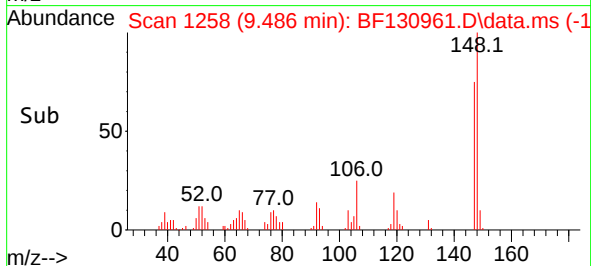
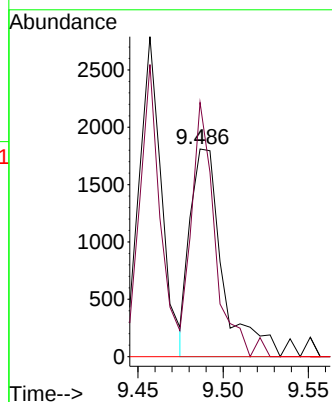
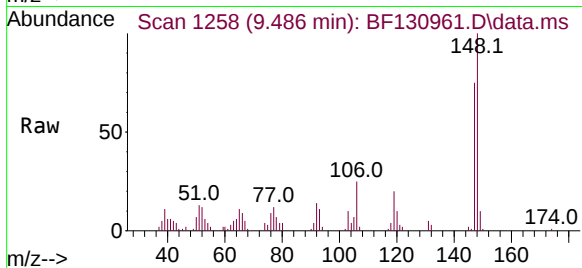
Tgt Ion: 65 Resp: 2403

Ion Ratio Lower Upper

65 100

92 122.4 50.1 75.1#

138 0.0 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 12.180 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.212 min

Lab File: BF130961.D

Acq: 03 Nov 2022 14:00

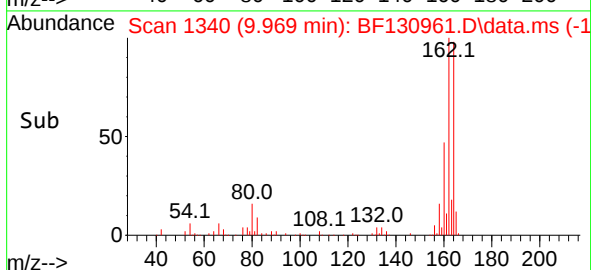
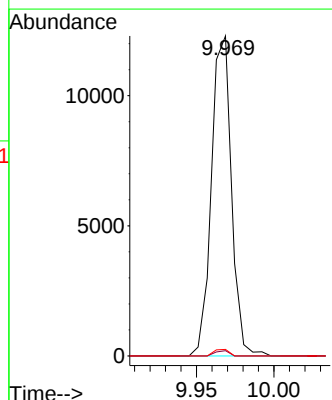
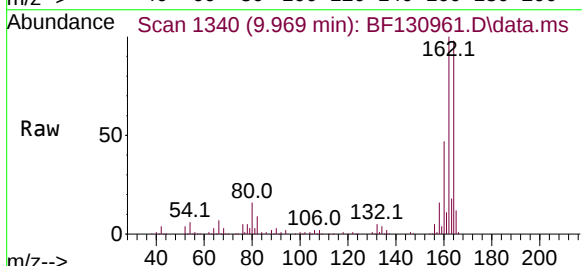
Tgt Ion: 165 Resp: 11050

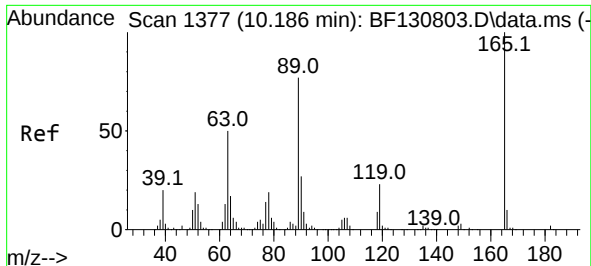
Ion Ratio Lower Upper

165 100

63 1.7 61.8 92.8#

89 2.1 56.2 84.4#

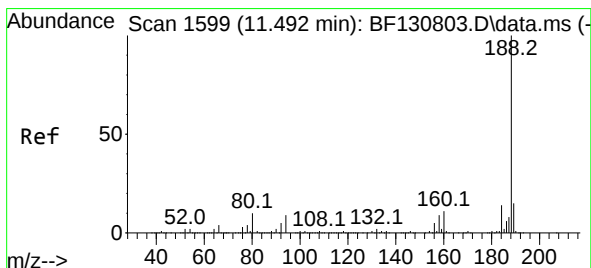
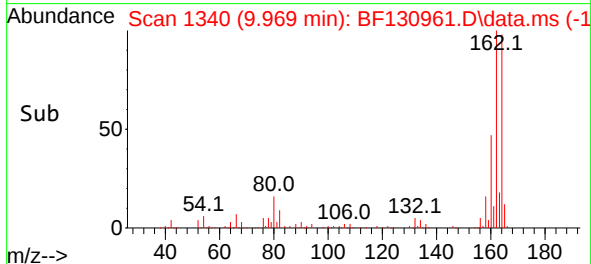
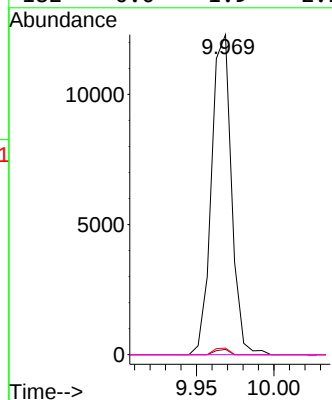
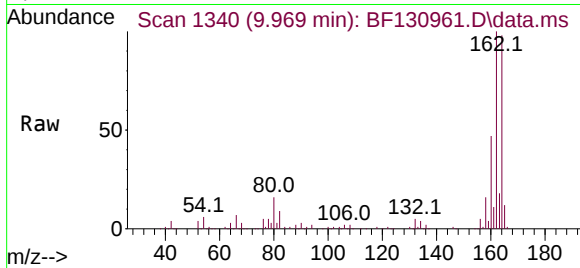




#57
2,4-Dinitrotoluene
Concen: 11.029 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

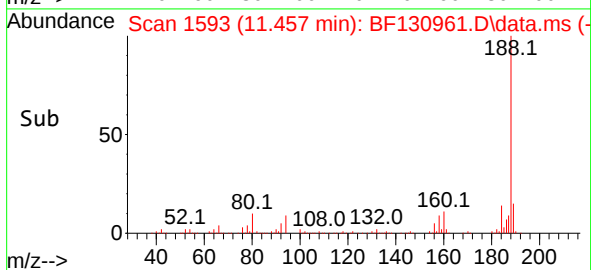
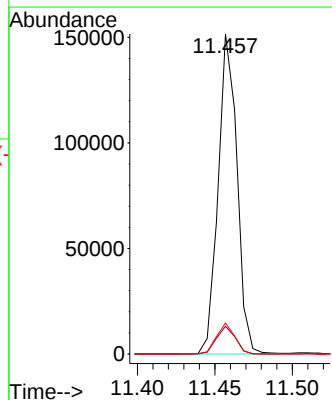
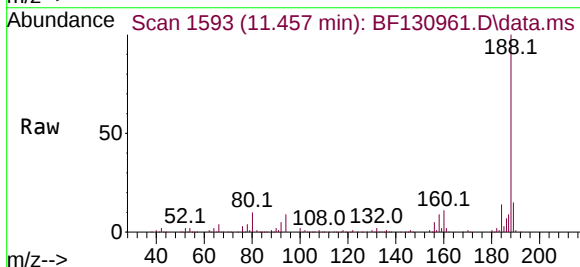
Instrument :
BNA_F
ClientSampleId :
TP-CRE

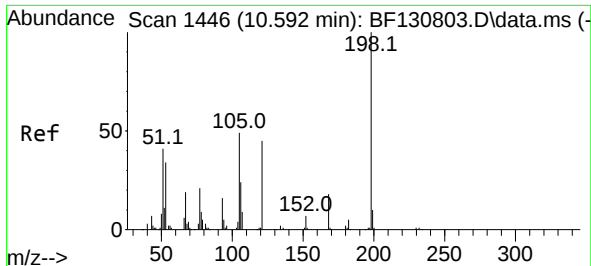
Tgt Ion:165 Resp: 11050
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 2.1 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

Tgt Ion:188 Resp: 128208
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.7 8.0 12.0

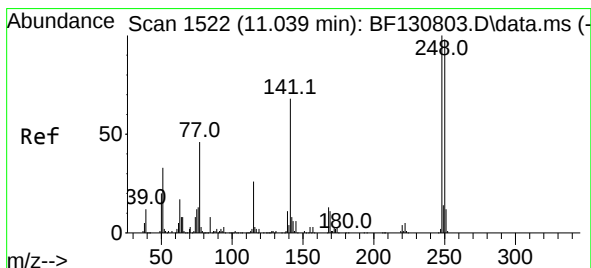
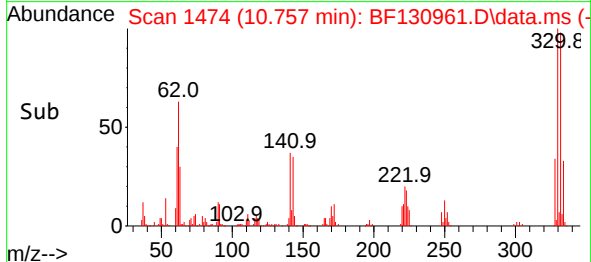
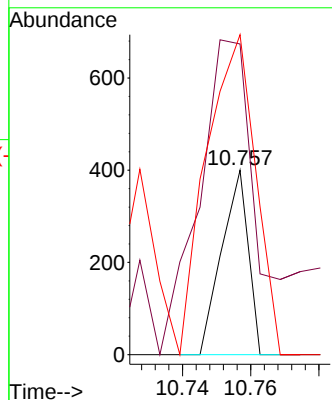
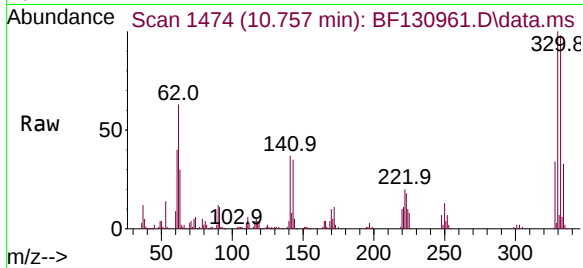




#65
4,6-Dinitro-2-methylphenol
Concen: 8.266 ng
RT: 10.757 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

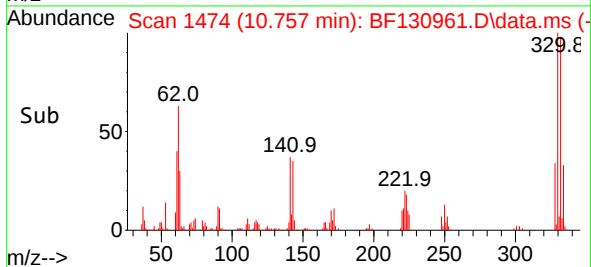
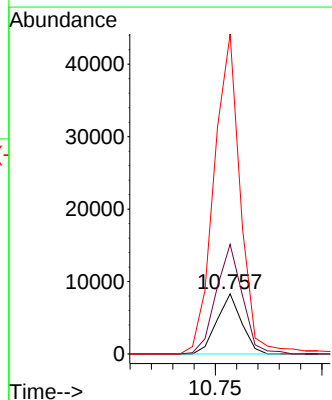
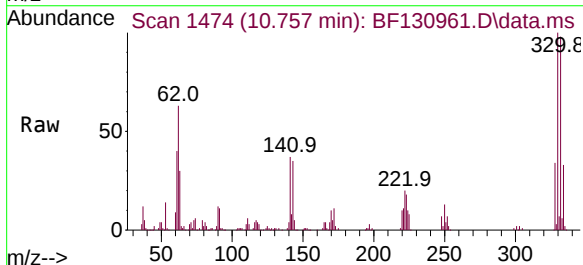
Instrument :
BNA_F
ClientSampleId :
TP-CRE

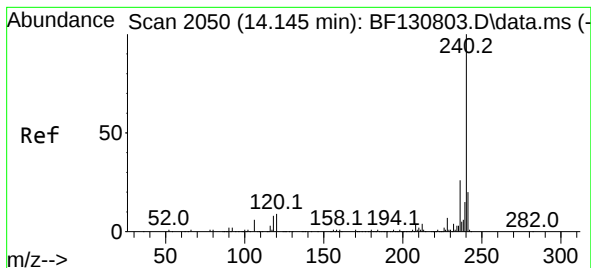
Tgt Ion:198 Resp: 217
Ion Ratio Lower Upper
198 100
51 168.5 39.0 79.0#
105 173.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.169 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.253 min
Lab File: BF130961.D
Acq: 03 Nov 2022 14:00

Tgt Ion:248 Resp: 6664
Ion Ratio Lower Upper
248 100
250 182.3 78.6 117.8#
141 532.1 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: BF130961.D

Acq: 03 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

TP-CRE

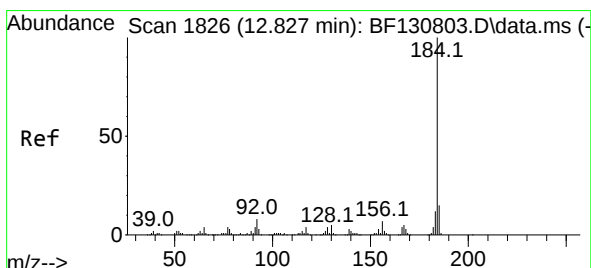
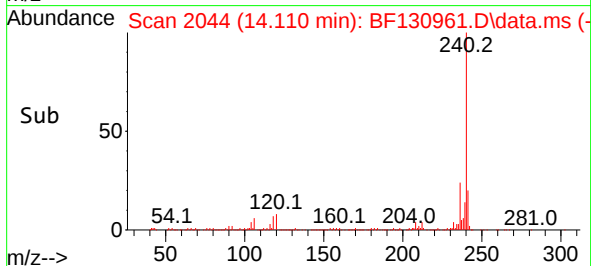
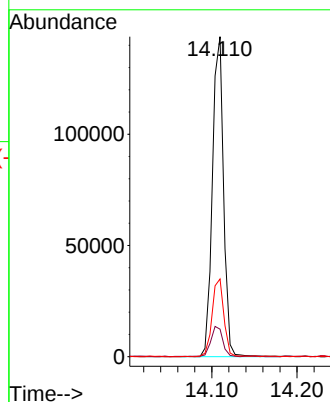
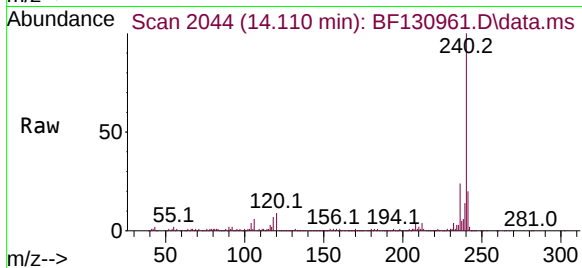
Tgt Ion:240 Resp: 130744

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.4

236 24.3 20.5 30.7



#77

Benzidine

Concen: 2.335 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.247 min

Lab File: BF130961.D

Acq: 03 Nov 2022 14:00

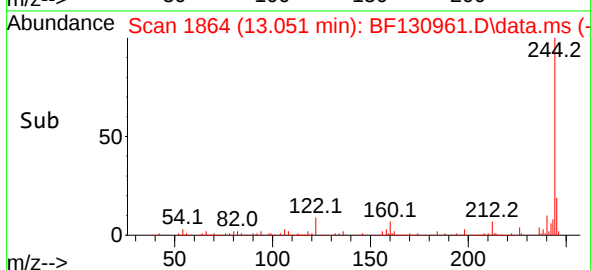
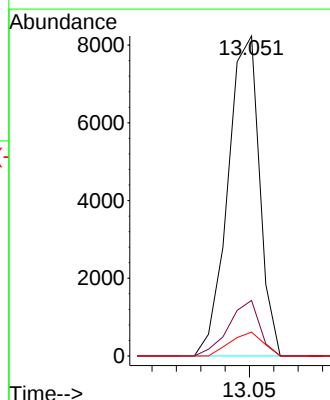
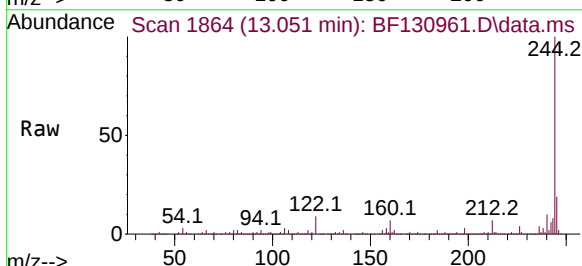
Tgt Ion:184 Resp: 7411

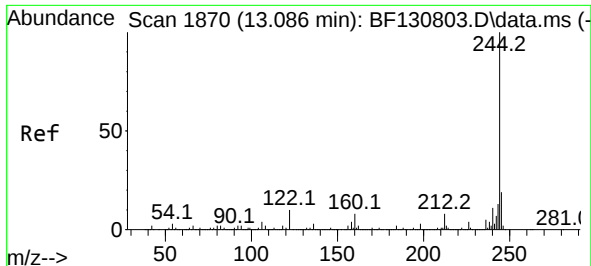
Ion Ratio Lower Upper

184 100

185 17.3 11.8 17.8

183 7.4 9.7 14.5#

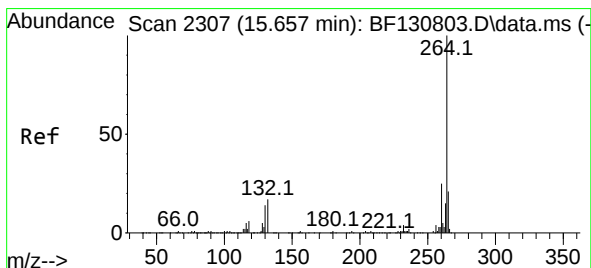
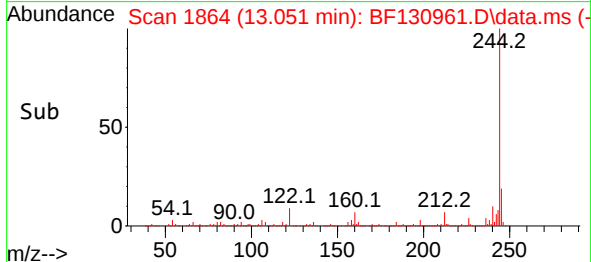
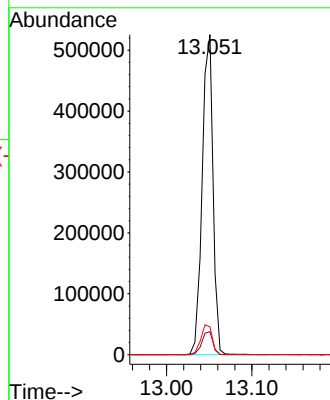
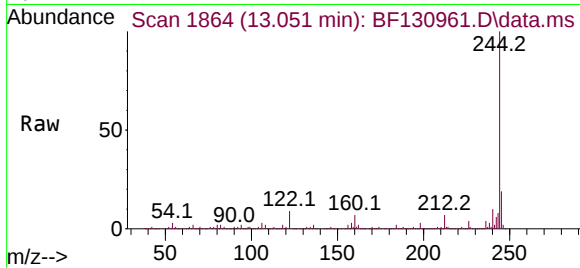




#79
 Terphenyl-d14
 Concen: 64.904 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.006 min
 Lab File: BF130961.D
 Acq: 03 Nov 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-CRE

Tgt Ion:244 Resp: 463082
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.7 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: BF130961.D
 Acq: 03 Nov 2022 14:00

Tgt Ion:264 Resp: 136288
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 20.6 17.0 25.6

