

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130897.D
 Acq On : 01 Nov 2022 13:10
 Operator : CG\JU
 Sample : N5371-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:19:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

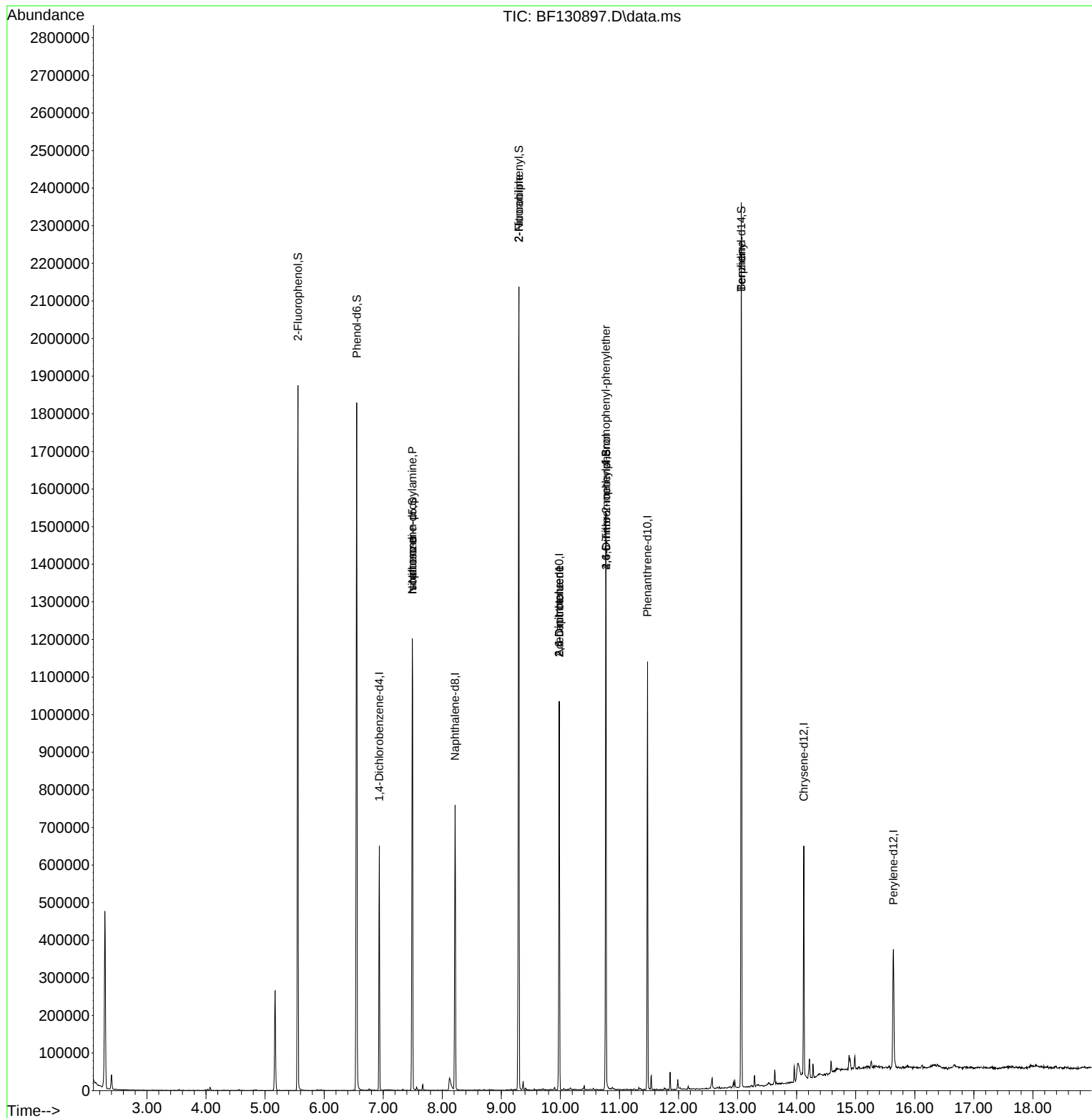
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	84251	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	328685	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	196501	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	376589	20.000	ng	0.00
76) Chrysene-d12	14.121	240	193813	20.000	ng	0.00
86) Perylene-d12	15.639	264	147527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	446182	91.810	ng	0.00
7) Phenol-d6	6.551	99	593208	93.931	ng	0.00
23) Nitrobenzene-d5	7.492	82	414856	76.107	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	167888	101.495	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	697194	53.642	ng	0.00
79) Terphenyl-d14	13.063	244	730718	69.088	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	57156	13.302	ng	# 80
25) Isophorone	7.492	82	412964	36.739	ng	# 66
48) 2-Nitroaniline	9.298	65	1579	4.547	ng	# 1
51) 2,6-Dinitrotoluene	9.981	165	26231	12.418	ng	# 14
57) 2,4-Dinitrotoluene	9.981	165	26231	11.215	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.775	198	457	8.171	ng	# 10
67) 4-Bromophenyl-phenylether	10.769	248	10839	2.862	ng	# 1
77) Benzidine	13.063	184	11256	2.392	ng	# 88

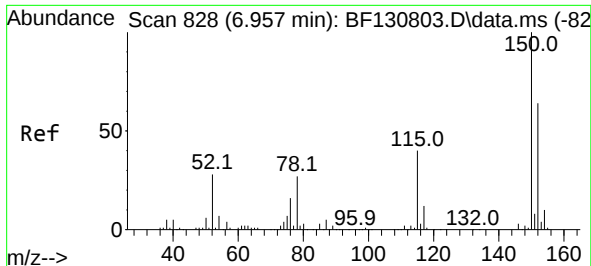
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

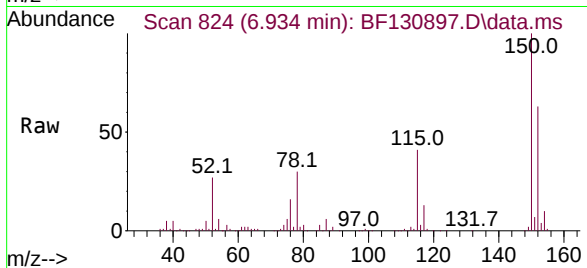
Quant Time: Nov 02 08:19:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration



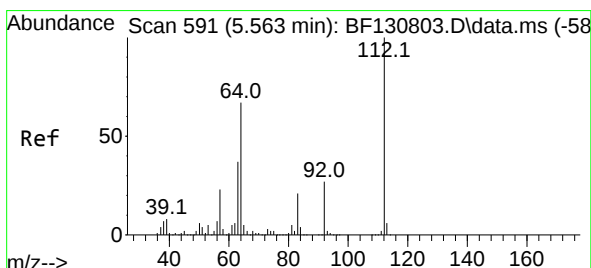
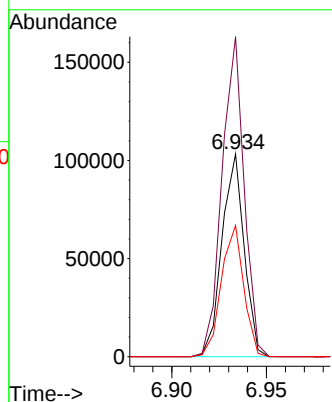
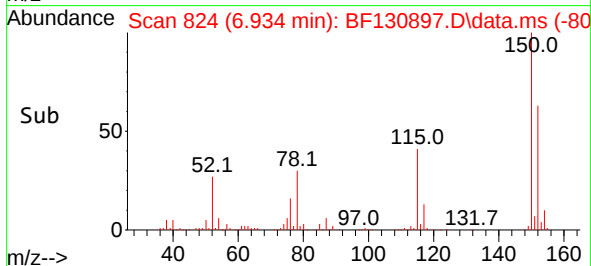


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF130897.D
 Acq: 01 Nov 2022 13:10

Instrument :
 BNA_F
 ClientSampleId :

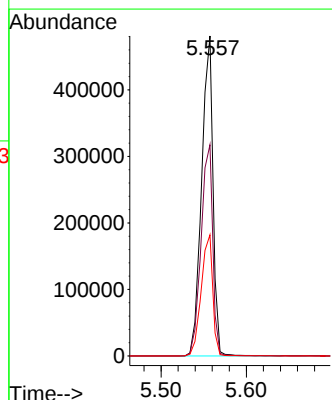
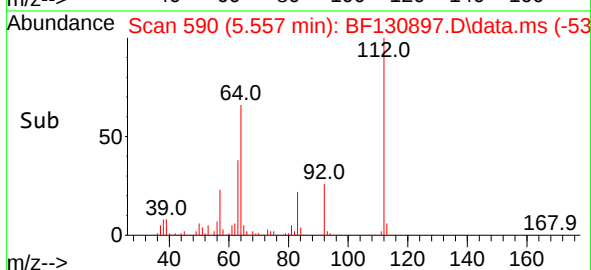
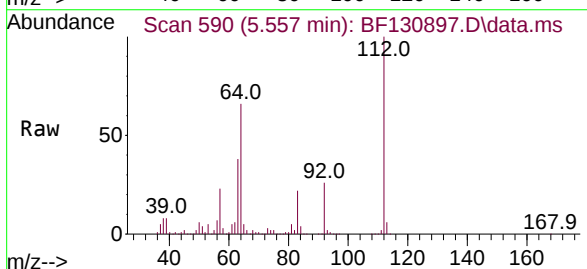


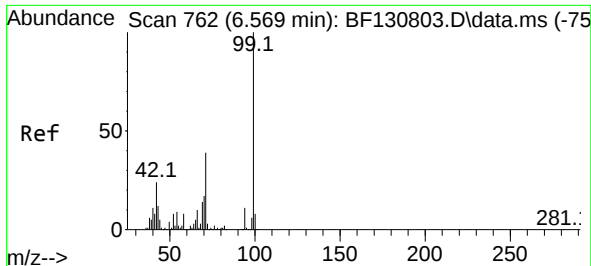
Tgt Ion:152 Resp: 84251
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.1 186.1
 115 64.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 91.810 ng
 RT: 5.557 min Scan# 590
 Delta R.T. 0.006 min
 Lab File: BF130897.D
 Acq: 01 Nov 2022 13:10

Tgt Ion:112 Resp: 446182
 Ion Ratio Lower Upper
 112 100
 64 66.0 53.9 80.9
 63 37.8 29.4 44.2

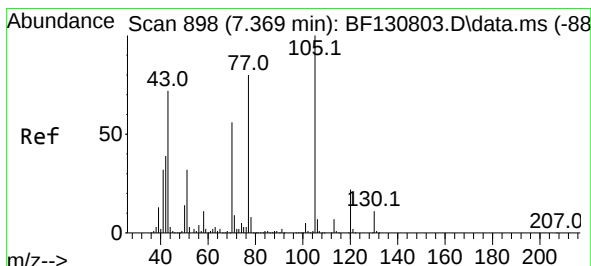
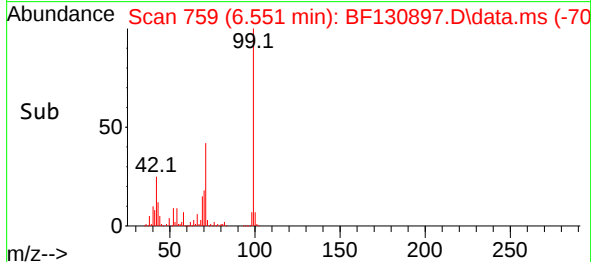
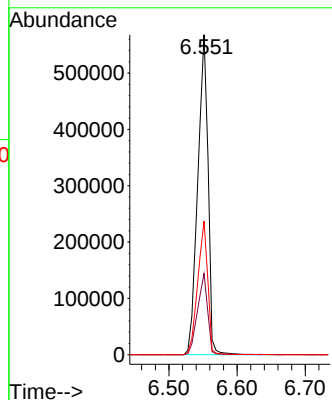
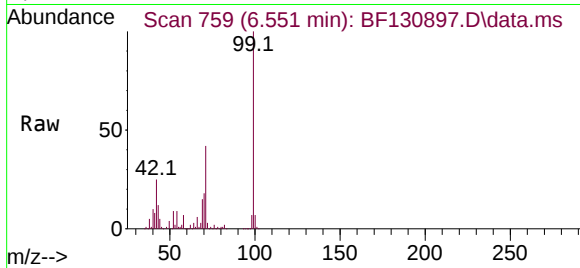




#7
Phenol-d6
Concen: 93.931 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

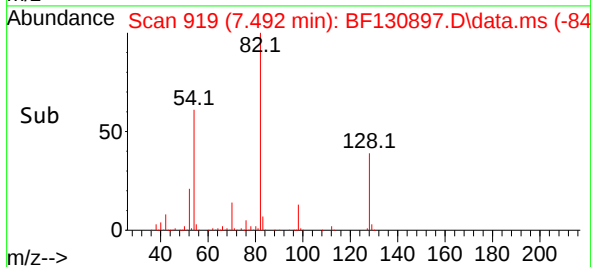
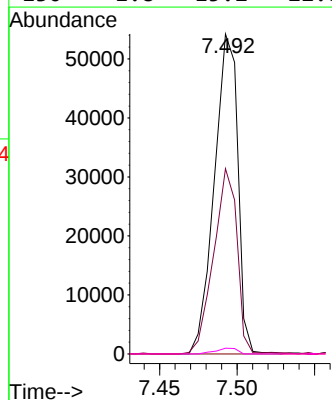
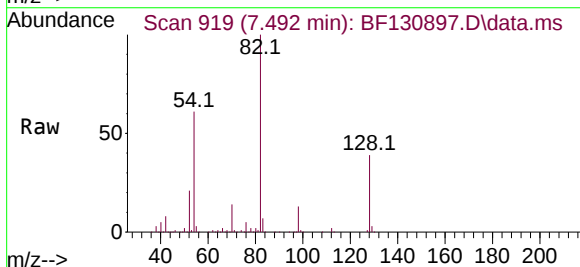
Instrument :
BNA_F
ClientSampleId :

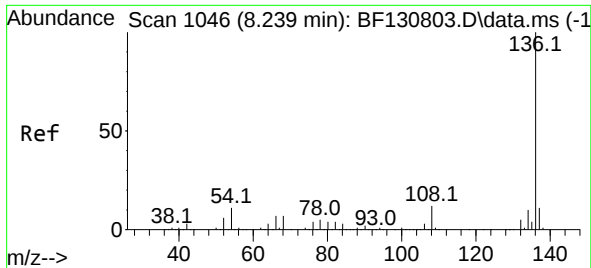
Tgt Ion: 99 Resp: 593208
Ion Ratio Lower Upper
99 100
42 25.3 18.8 28.2
71 41.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.302 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.141 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

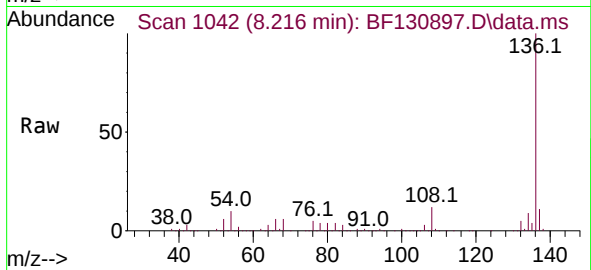
Tgt Ion: 70 Resp: 57156
Ion Ratio Lower Upper
70 100
42 57.9 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



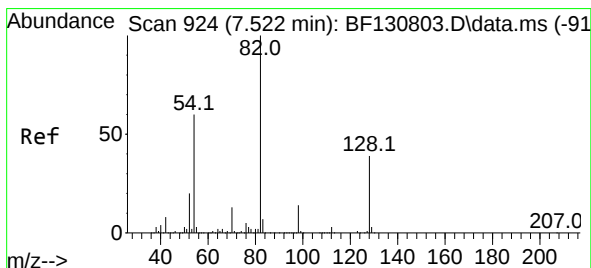
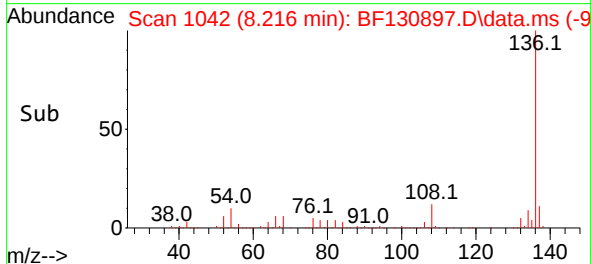
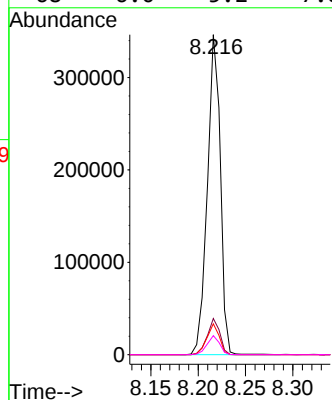


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

Instrument :
BNA_F
ClientSampleId :

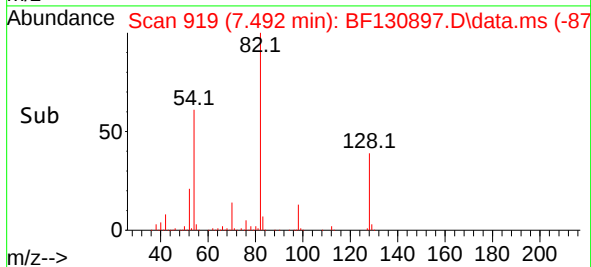
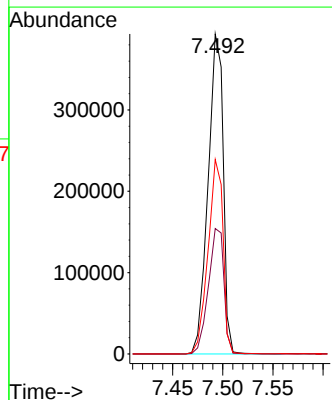
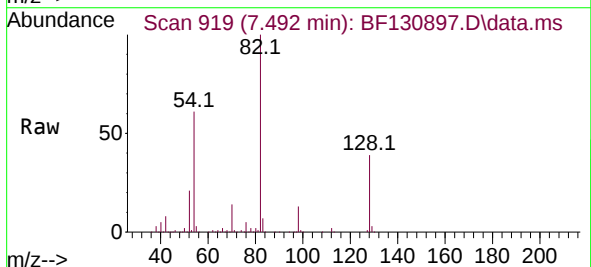


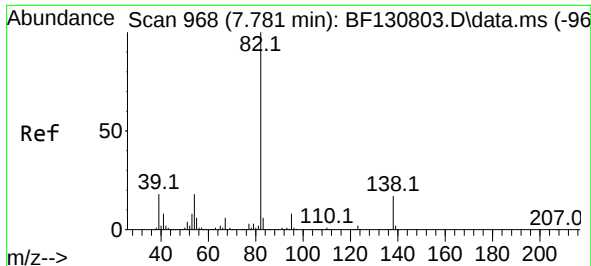
Tgt Ion:136 Resp: 328685
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.7 8.8 13.2
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 76.107 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.012 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

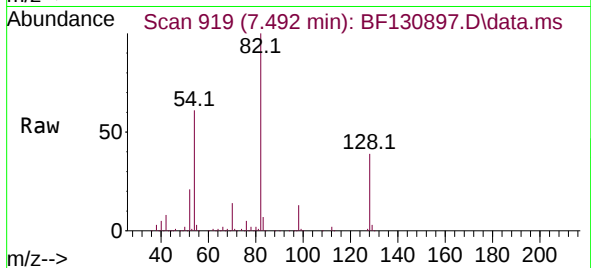
Tgt Ion: 82 Resp: 414856
Ion Ratio Lower Upper
82 100
128 39.2 31.2 46.8
54 60.8 48.0 72.0



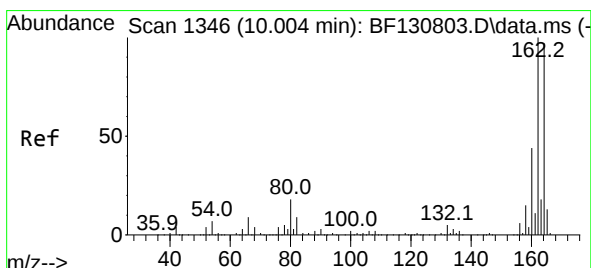
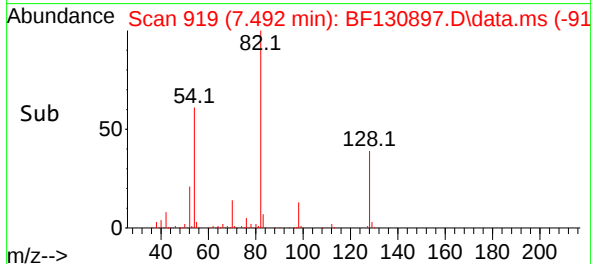
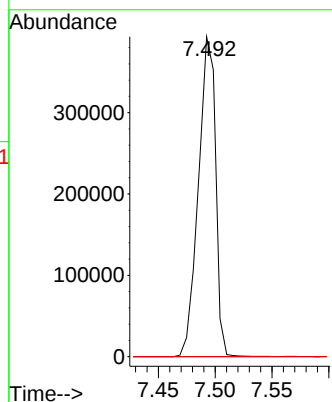


#25
Isophorone
Concen: 36.739 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.270 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

Instrument :
BNA_F
ClientSampleId :

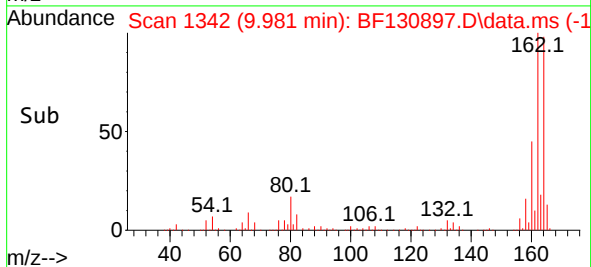
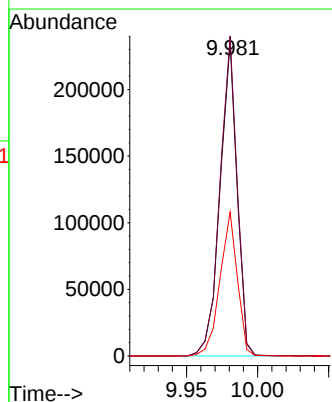
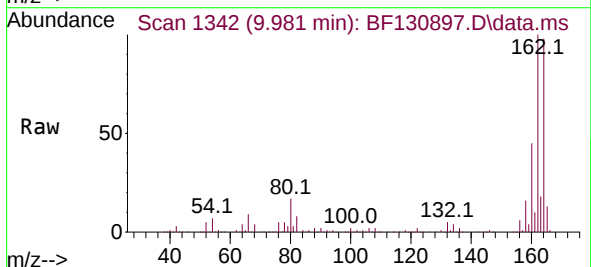


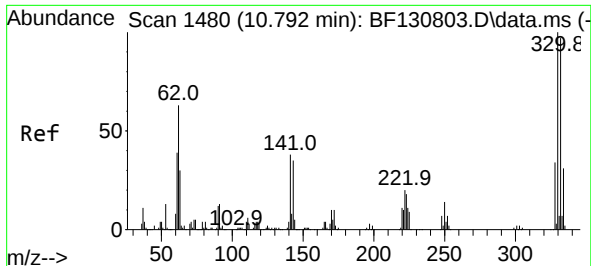
Tgt Ion: 82 Resp: 412964
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

Tgt Ion: 164 Resp: 196501
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 101.495 ng

RT: 10.775 min Scan# 1480

Delta R.T. -0.006 min

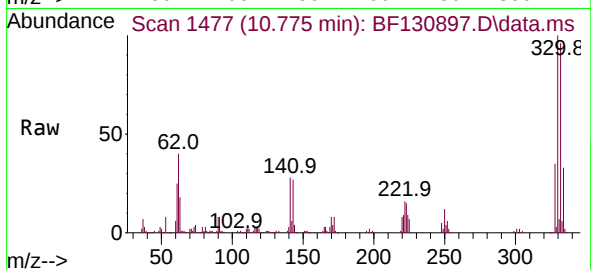
Lab File: BF130897.D

Acq: 01 Nov 2022 13:10

Instrument :

BNA_F

ClientSampleId :



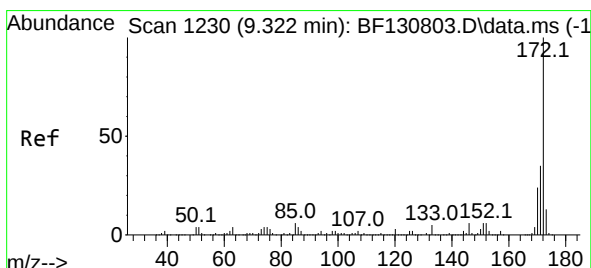
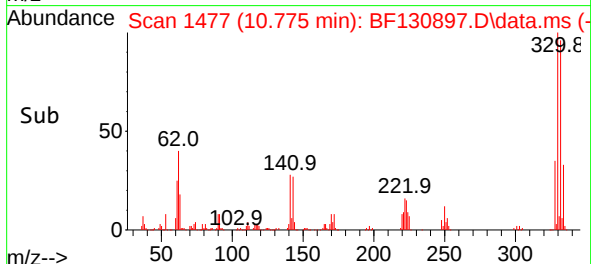
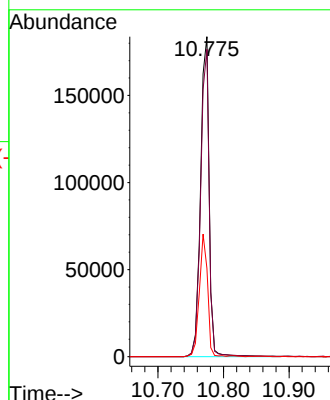
Tgt Ion:330 Resp: 167888

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

141 36.5 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 53.642 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF130897.D

Acq: 01 Nov 2022 13:10

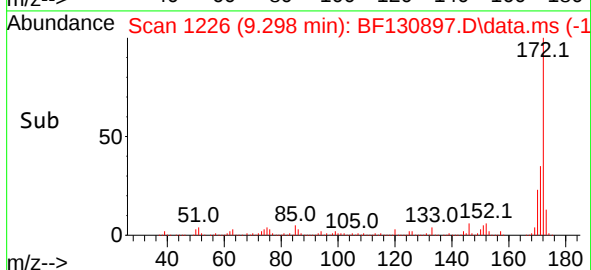
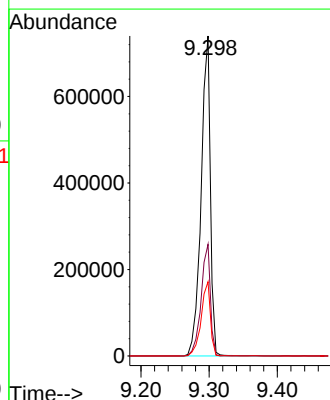
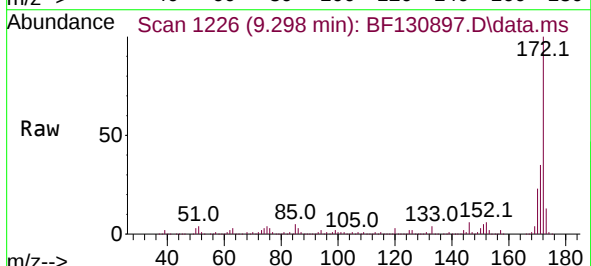
Tgt Ion:172 Resp: 697194

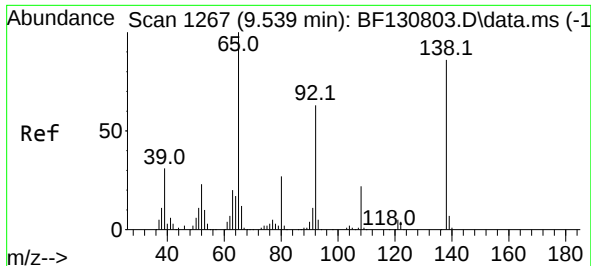
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

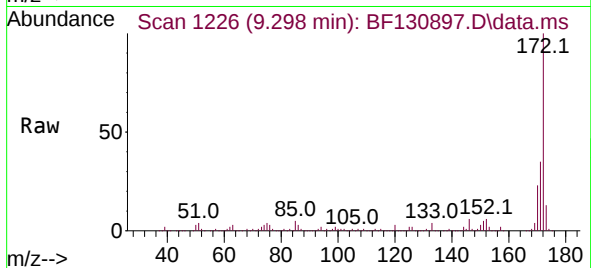
170 23.2 19.0 28.4



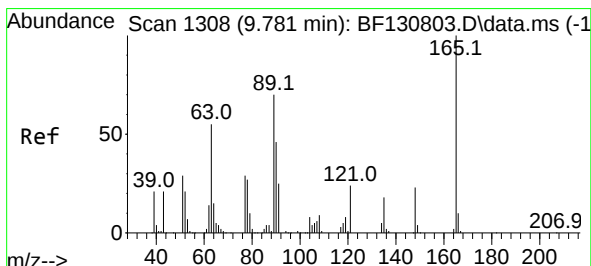
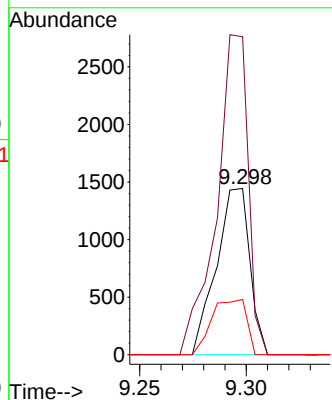
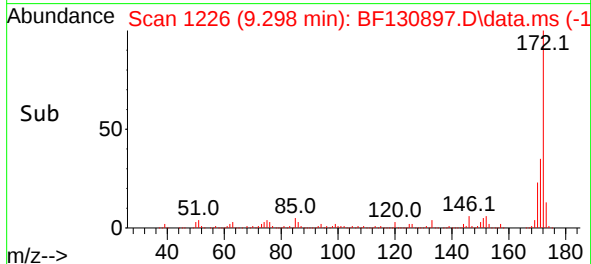


#48
2-Nitroaniline
Concen: 4.547 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

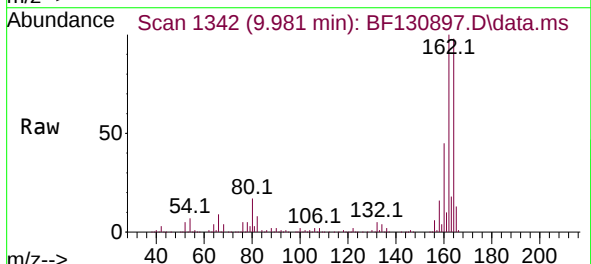
Instrument :
BNA_F
ClientSampleId :



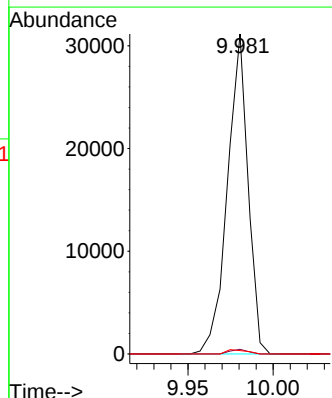
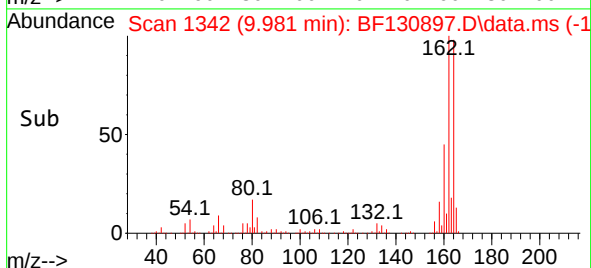
Tgt Ion: 65 Resp: 1579
Ion Ratio Lower Upper
65 100
92 191.3 50.1 75.1#
138 33.2 69.2 103.8#

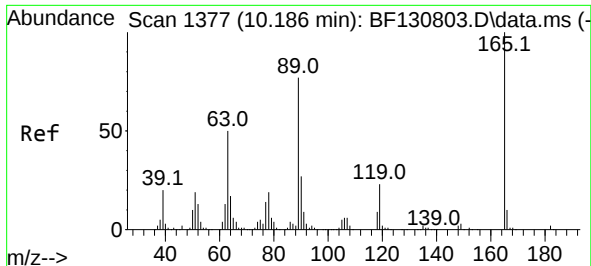


#51
2,6-Dinitrotoluene
Concen: 12.418 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10



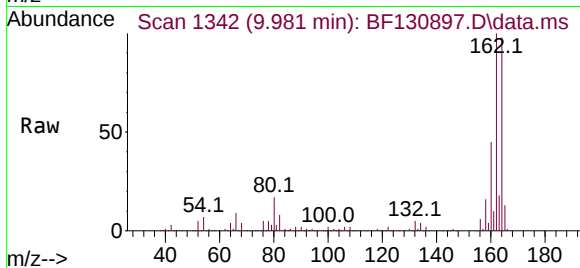
Tgt Ion: 165 Resp: 26231
Ion Ratio Lower Upper
165 100
63 1.5 61.8 92.8#
89 1.1 56.2 84.4#



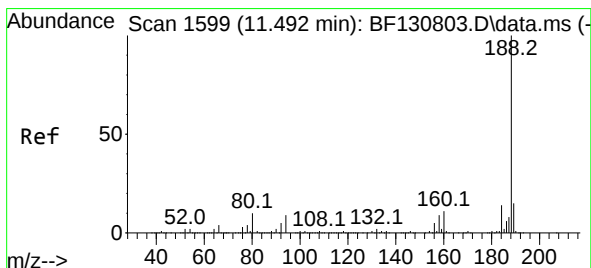
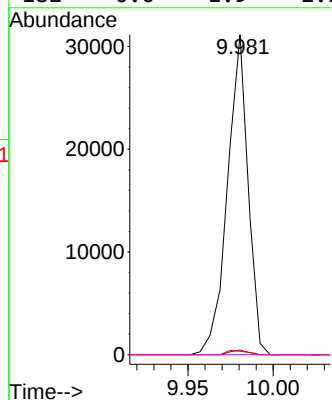
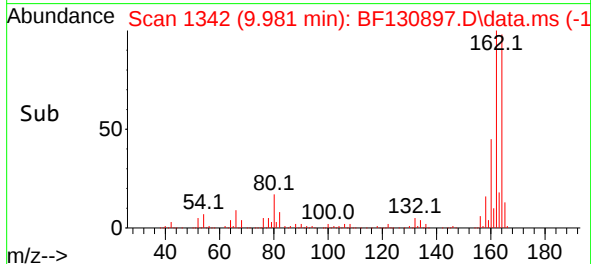


#57
2,4-Dinitrotoluene
Concen: 11.215 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

Instrument :
BNA_F
ClientSampleId :

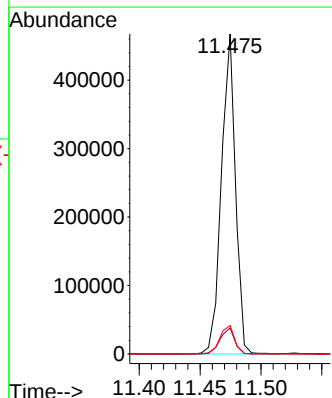
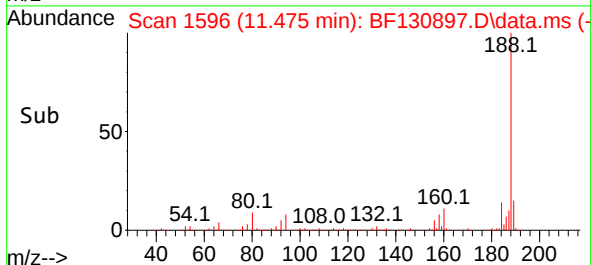
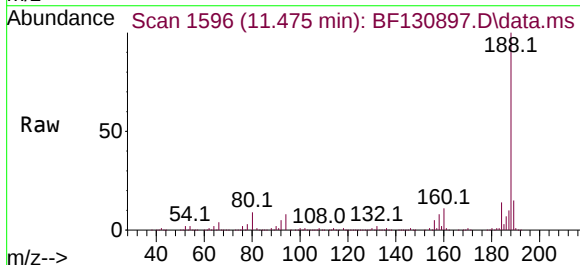


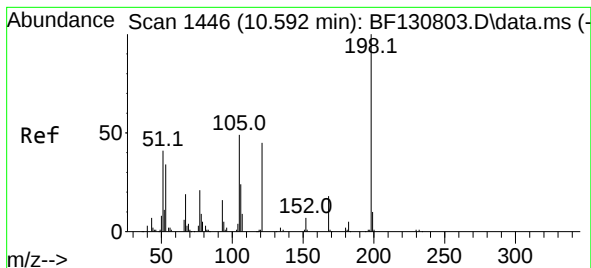
Tgt Ion:165 Resp: 26231
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

Tgt Ion:188 Resp: 376589
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 8.0 12.0

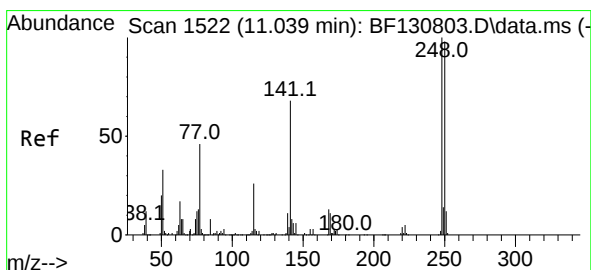
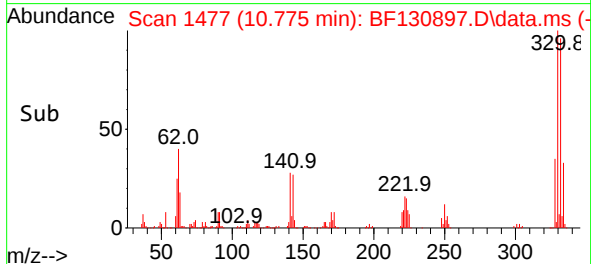
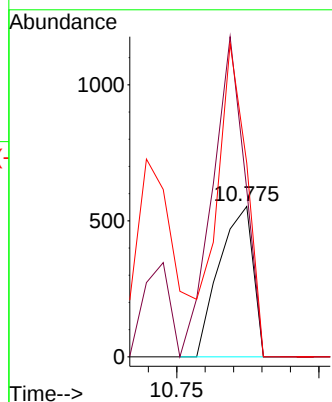
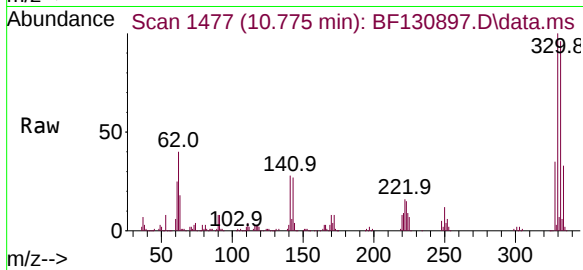




#65
4,6-Dinitro-2-methylphenol
Concen: 8.171 ng
RT: 10.775 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

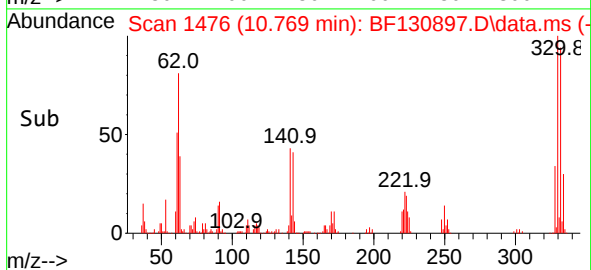
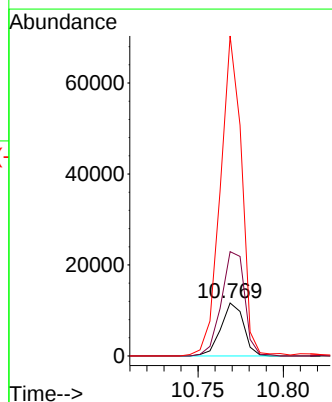
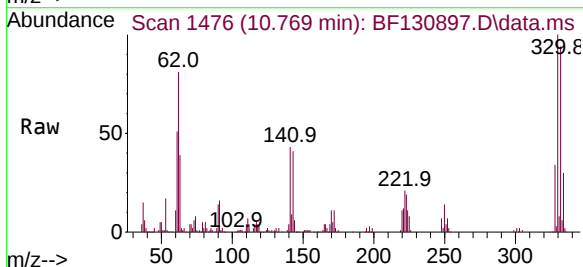
Instrument :
BNA_F
ClientSampleId :

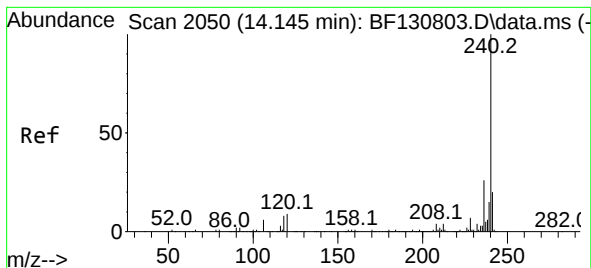
Tgt Ion:198 Resp: 457
Ion Ratio Lower Upper
198 100
51 111.2 39.0 79.0#
105 128.8 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.862 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.253 min
Lab File: BF130897.D
Acq: 01 Nov 2022 13:10

Tgt Ion:248 Resp: 10839
Ion Ratio Lower Upper
248 100
250 196.9 78.6 117.8#
141 603.6 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2050

Delta R.T. -0.006 min

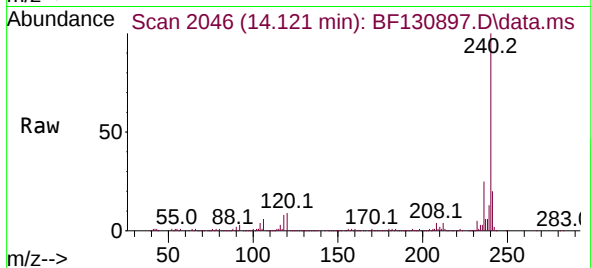
Lab File: BF130897.D

Acq: 01 Nov 2022 13:10

Instrument :

BNA_F

ClientSampleId :



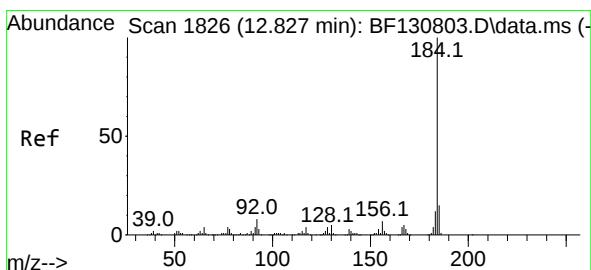
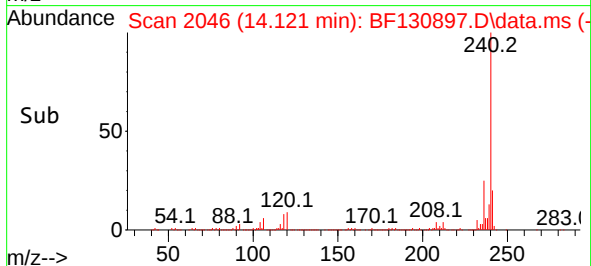
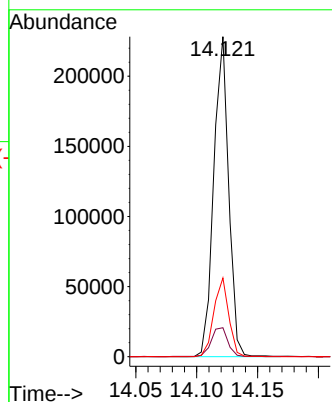
Tgt Ion:240 Resp: 193813

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.4

236 24.6 20.5 30.7



#77

Benzidine

Concen: 2.392 ng

RT: 13.063 min Scan# 1866

Delta R.T. 0.247 min

Lab File: BF130897.D

Acq: 01 Nov 2022 13:10

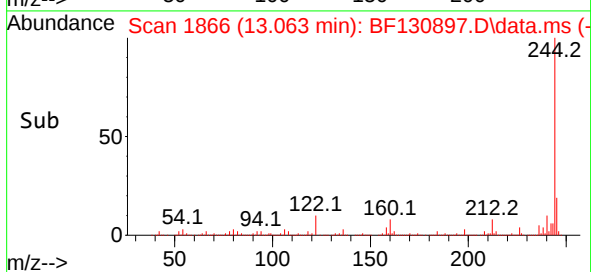
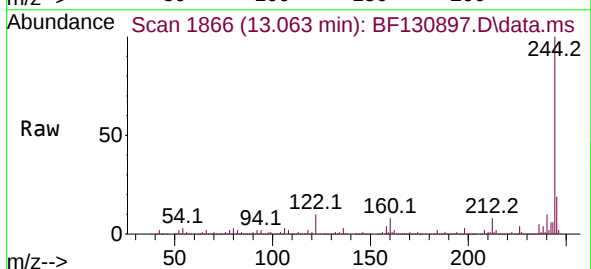
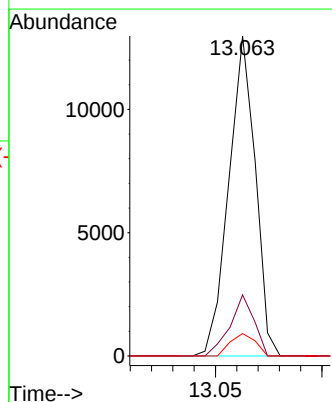
Tgt Ion:184 Resp: 11256

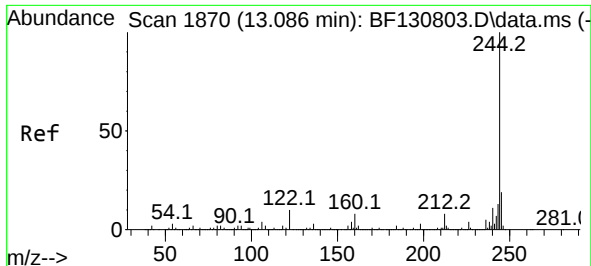
Ion Ratio Lower Upper

184 100

185 19.1 11.8 17.8#

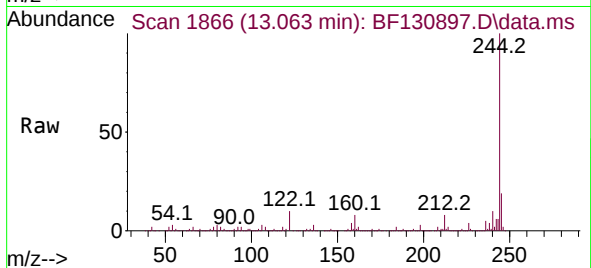
183 7.0 9.7 14.5#



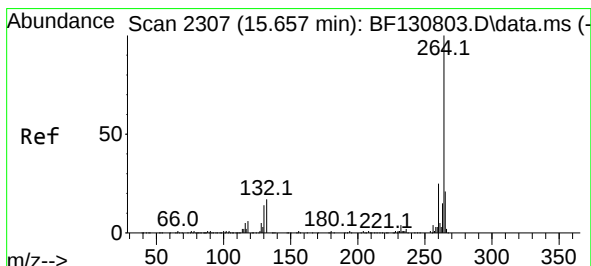
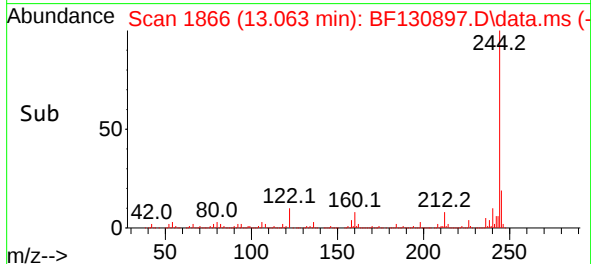
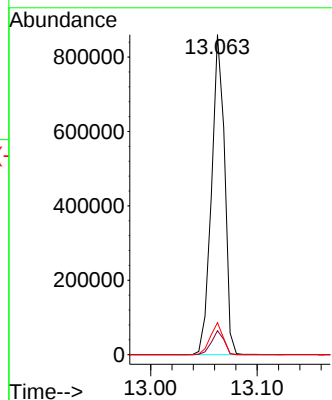


#79
 Terphenyl-d14
 Concen: 69.088 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF130897.D
 Acq: 01 Nov 2022 13:10

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 730718
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF130897.D
 Acq: 01 Nov 2022 13:10

Tgt Ion:264 Resp: 147527
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.4 17.0 25.6

