

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132766.D
 Acq On : 13 Mar 2023 18:21
 Operator : CG\JU
 Sample : 01878-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE

Quant Time: Mar 14 01:32:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

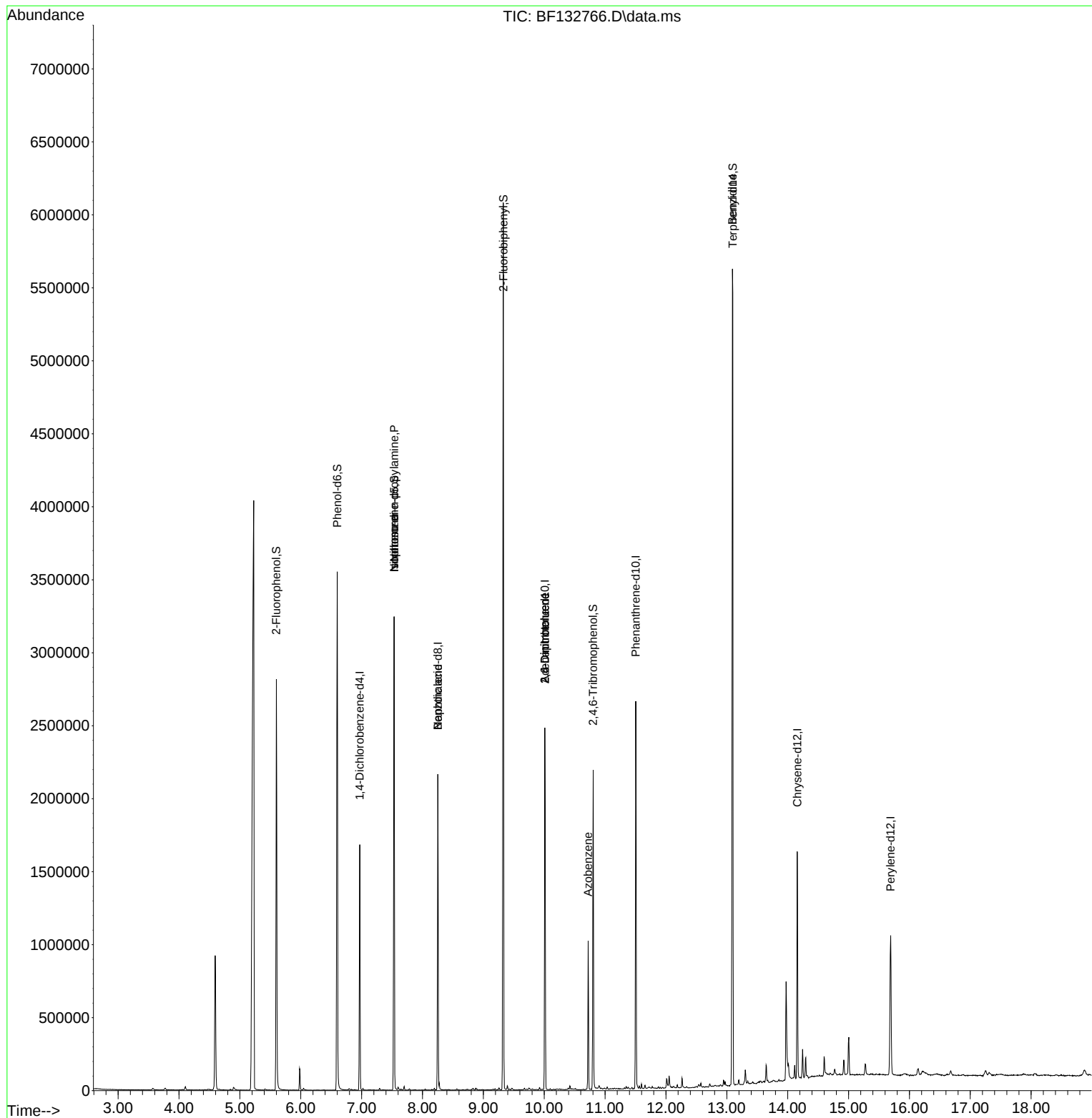
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	231554	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	867818	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	487120	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	956917	20.000	ng	0.00
76) Chrysene-d12	14.157	240	515996	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	462524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	793010	55.582	ng	0.00
7) Phenol-d6	6.598	99	1313289	70.531	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1051634	57.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	246405	46.839	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1841373	57.558	ng	0.00
79) Terphenyl-d14	13.098	244	2249203	73.699	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.534	70	136558	11.917	ng	# 75
25) Isophorone	7.534	82	1051537	29.985	ng	# 67
32) Benzoic acid	8.251	122	240	3.857	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	63283	7.834	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	63283	5.889	ng	# 21
63) Azobenzene	10.722	77	157822	4.302	ng	# 1
77) Benzidine	13.092	184	31521	2.509	ng	# 88

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

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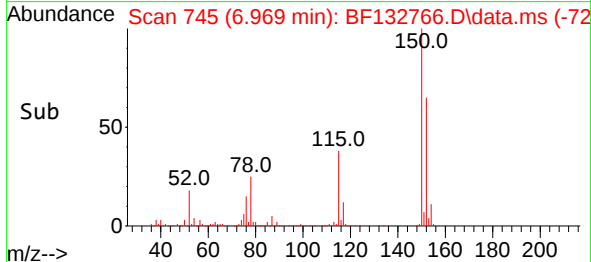
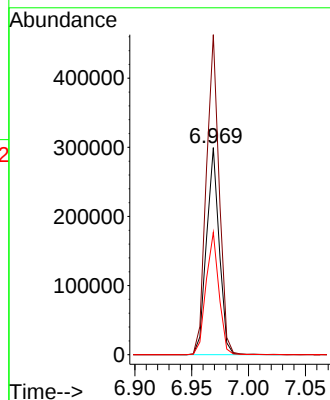
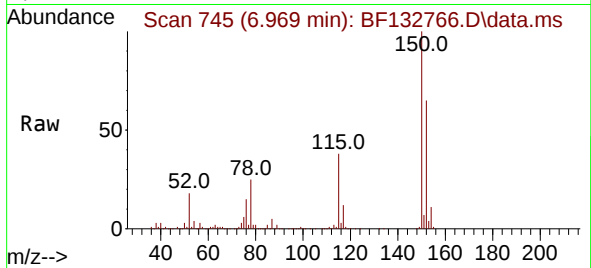




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

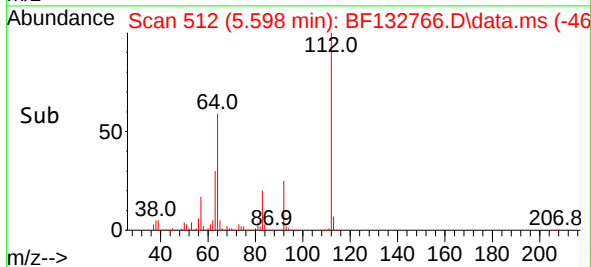
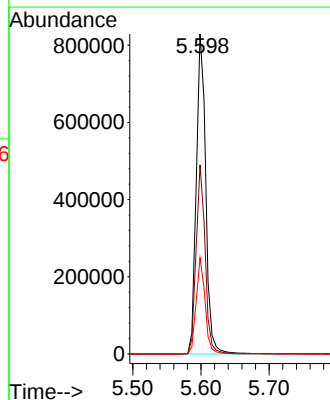
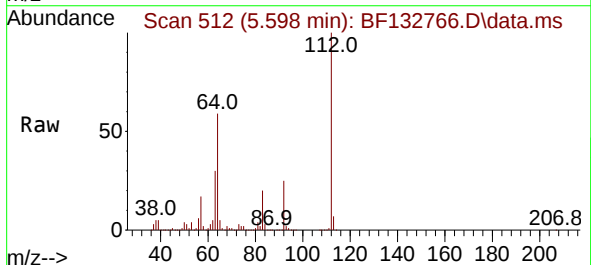
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

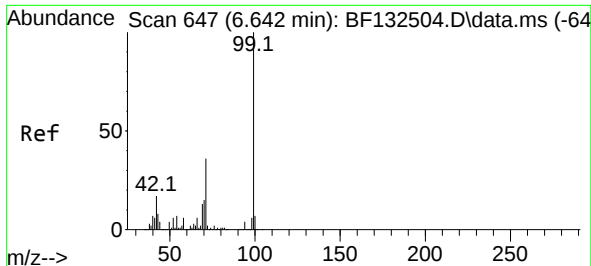
Tgt Ion:152 Resp: 231554
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 59.1 47.8 71.6



#5
2-Fluorophenol
Concen: 55.582 ng
RT: 5.598 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion:112 Resp: 793010
Ion Ratio Lower Upper
112 100
64 59.1 51.6 77.4
63 30.0 27.4 41.2

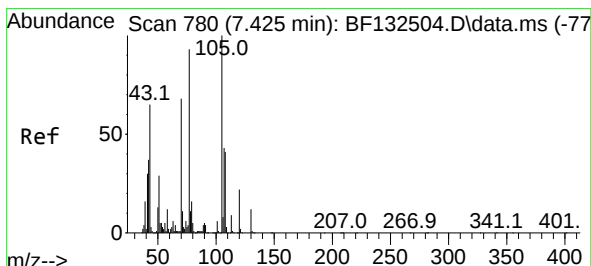
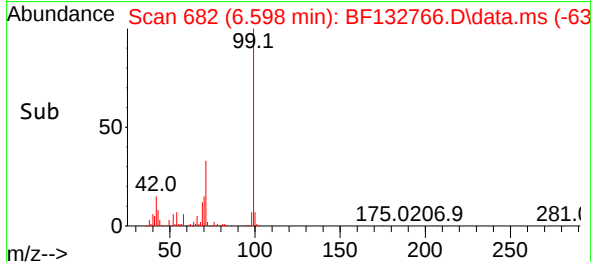
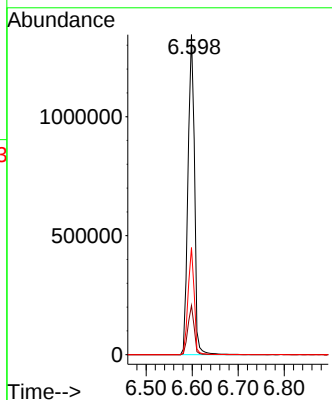
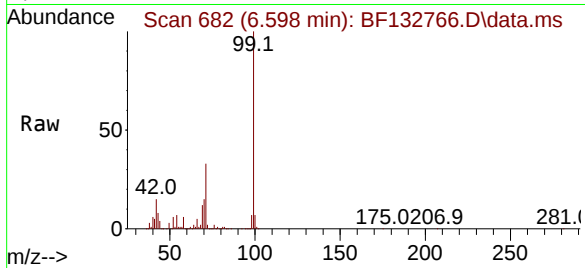




#7
Phenol-d6
Concen: 70.531 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

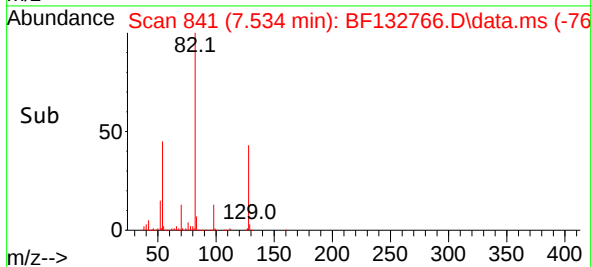
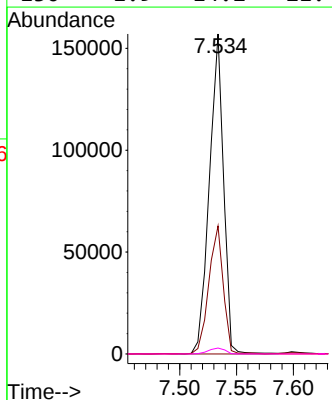
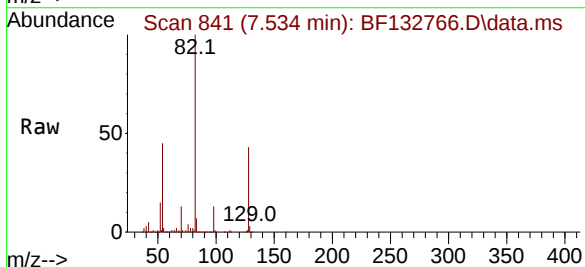
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

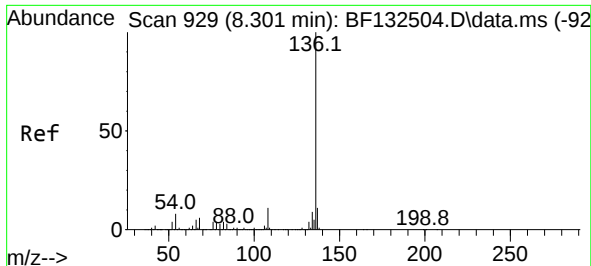
Tgt Ion: 99 Resp: 1313289
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 33.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.917 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

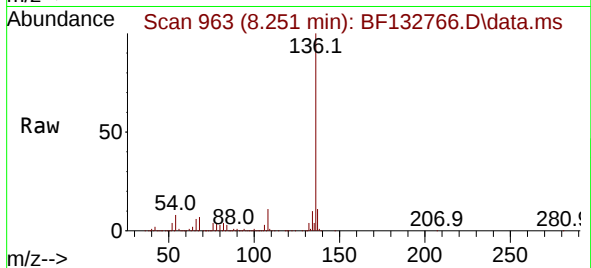
Tgt Ion: 70 Resp: 136558
Ion Ratio Lower Upper
70 100
42 40.0 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#





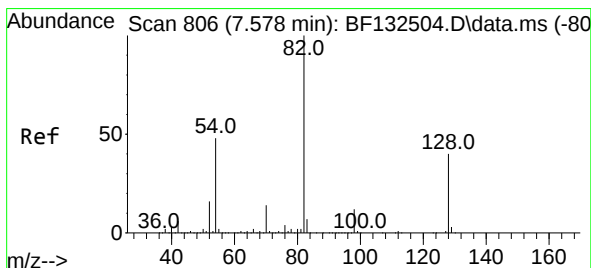
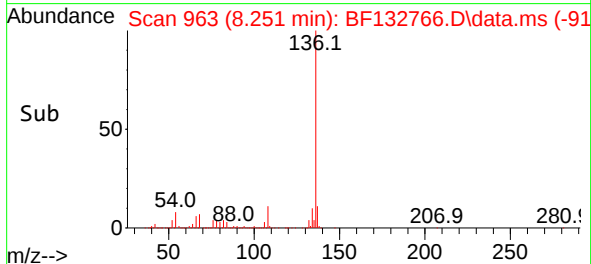
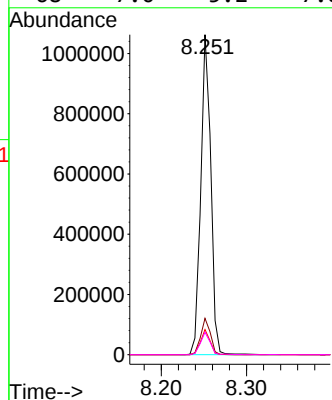
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE



Tgt Ion:136 Resp: 867818

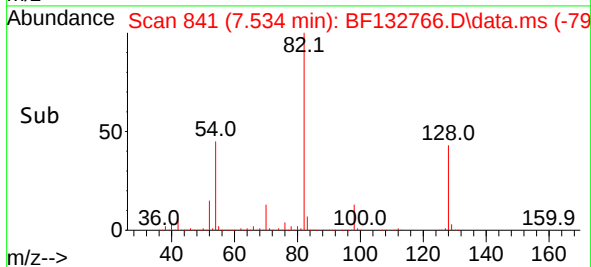
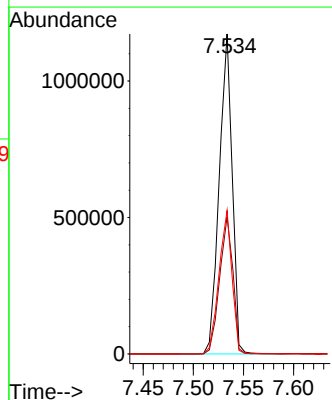
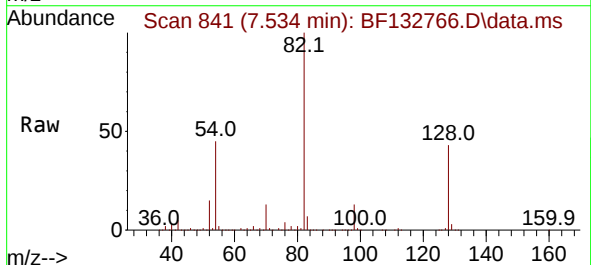
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.9	6.2	9.4
68	7.0	5.2	7.8

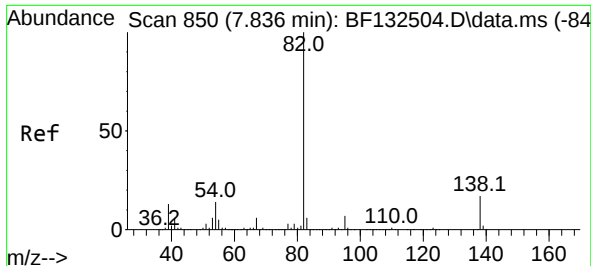


#23
Nitrobenzene-d5
Concen: 57.494 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion: 82 Resp: 1051634

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.2	48.2
54	44.8	38.4	57.6

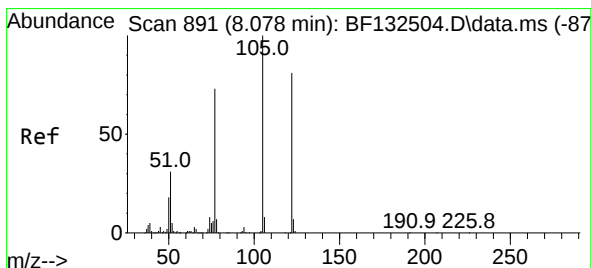
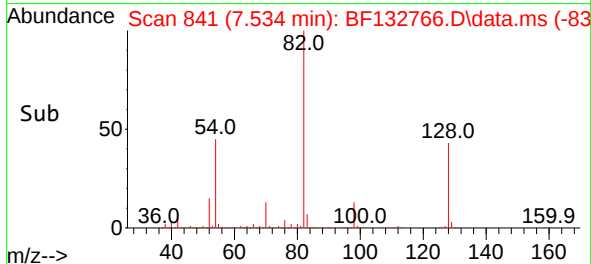
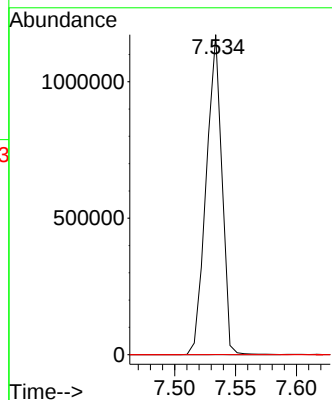
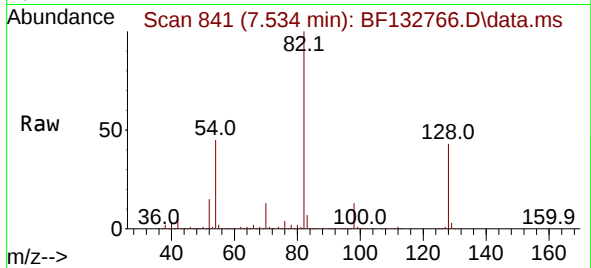




#25
Isophorone
Concen: 29.985 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

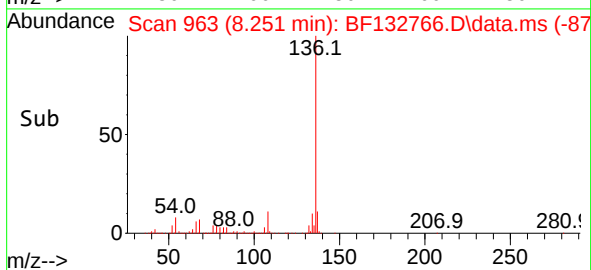
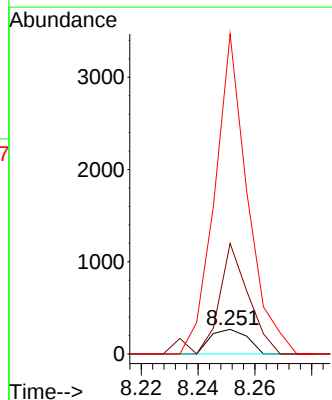
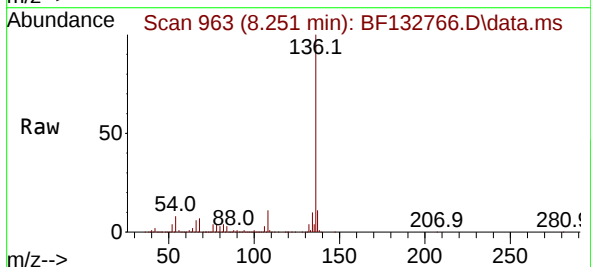
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

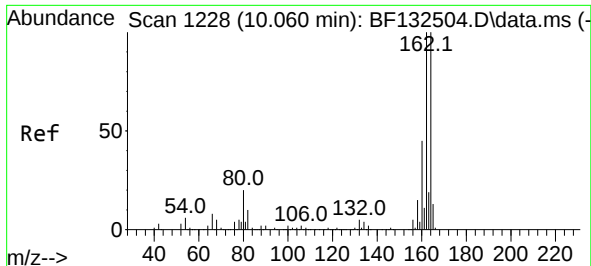
Tgt Ion: 82 Resp: 1051537
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.857 ng
RT: 8.251 min Scan# 963
Delta R.T. 0.212 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion:122 Resp: 240
Ion Ratio Lower Upper
122 100
105 449.1 102.6 142.6#
77 1299.3 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF132766.D

Acq: 13 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE

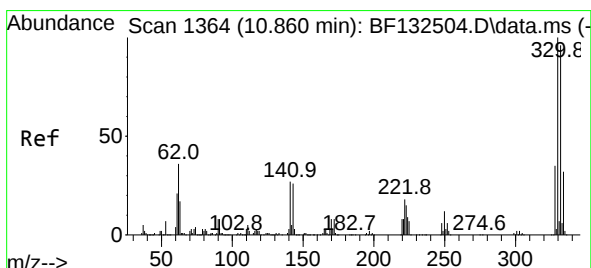
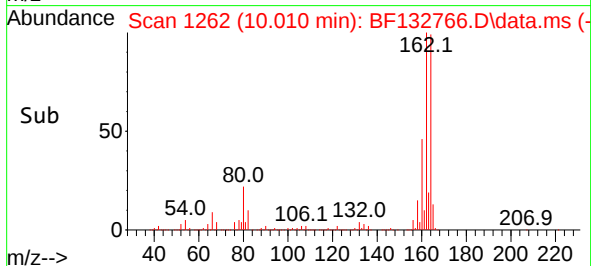
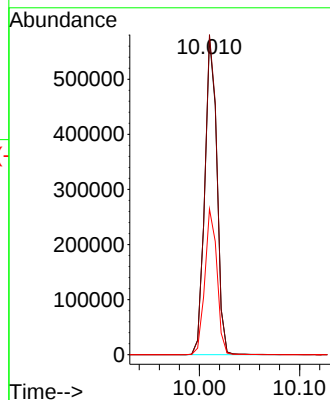
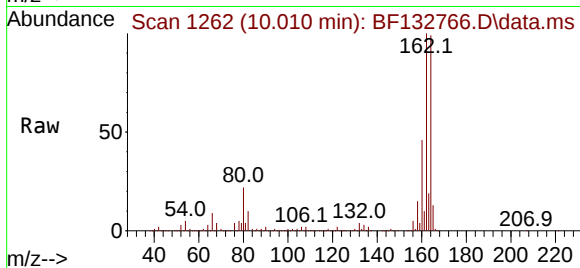
Tgt Ion:164 Resp: 487120

Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.8

160 46.0 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 46.839 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.012 min

Lab File: BF132766.D

Acq: 13 Mar 2023 18:21

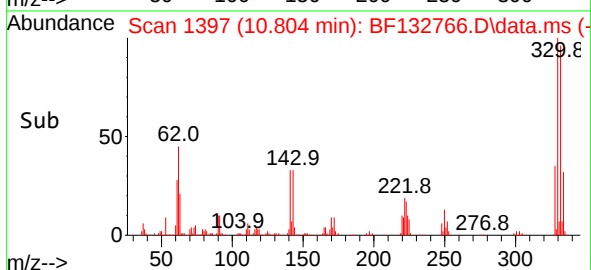
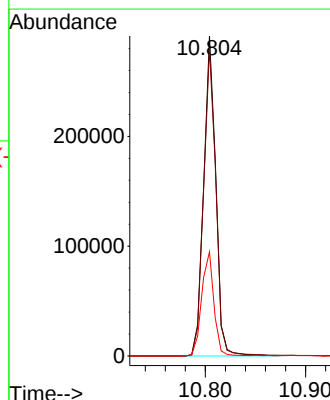
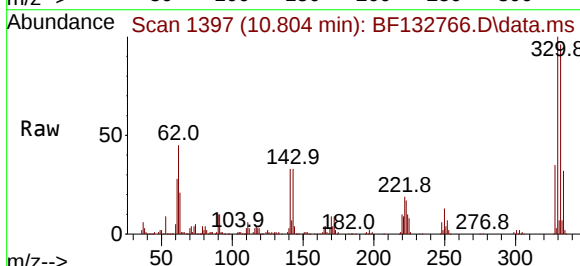
Tgt Ion:330 Resp: 246405

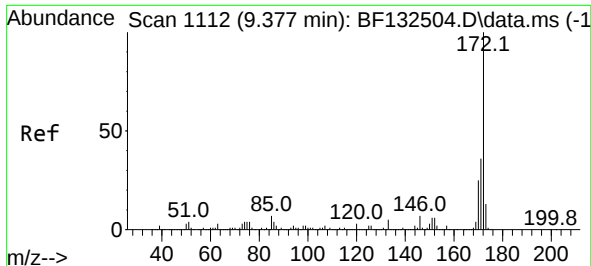
Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 32.6 28.4 42.6

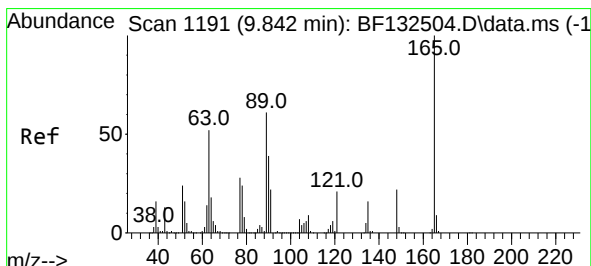
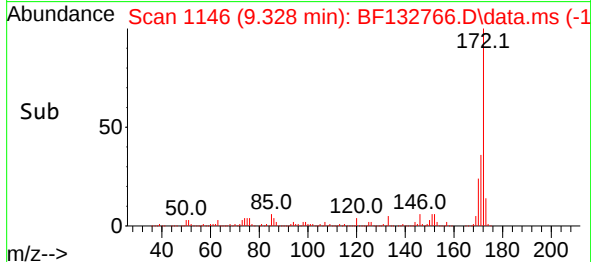
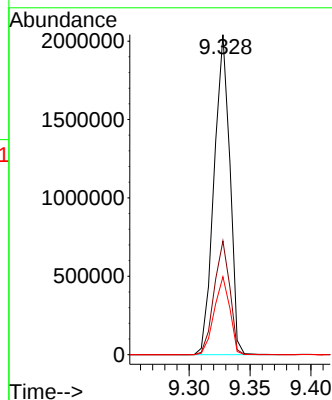
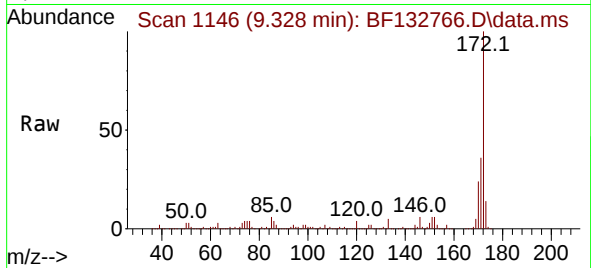




#45
2-Fluorobiphenyl
Concen: 57.558 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

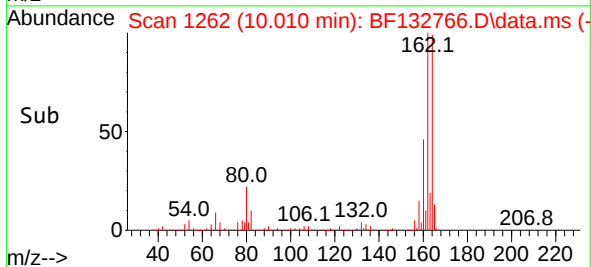
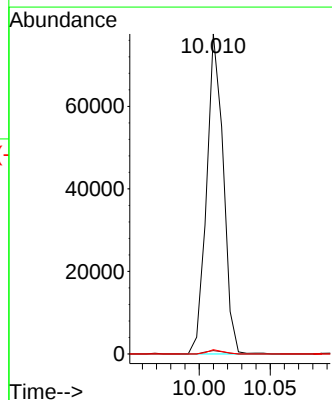
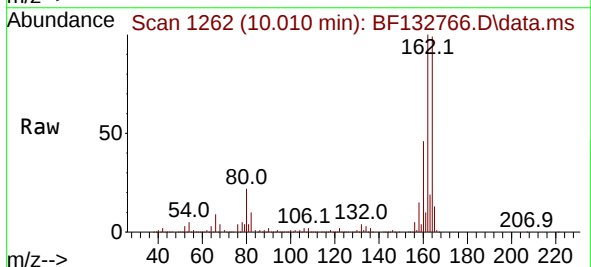
Instrument :
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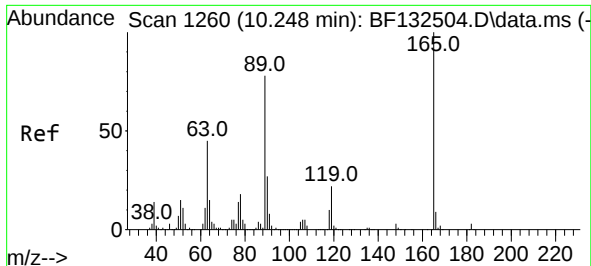
Tgt Ion:172 Resp: 1841373
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.834 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion:165 Resp: 63283
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.3 48.9 73.3#

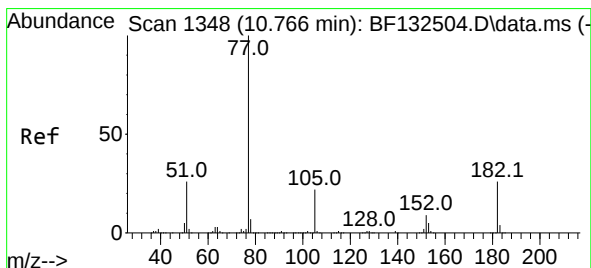
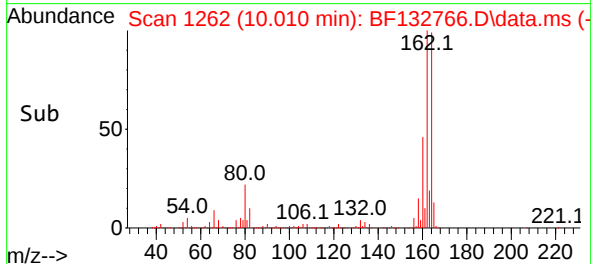
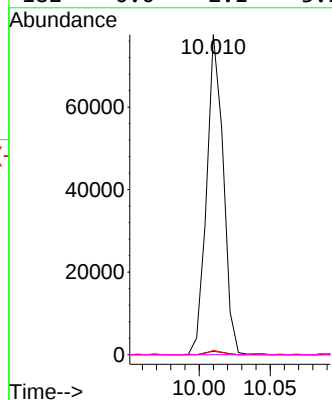
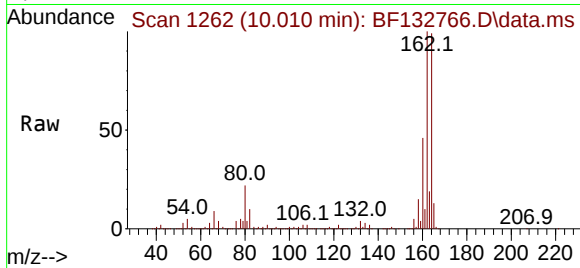




#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

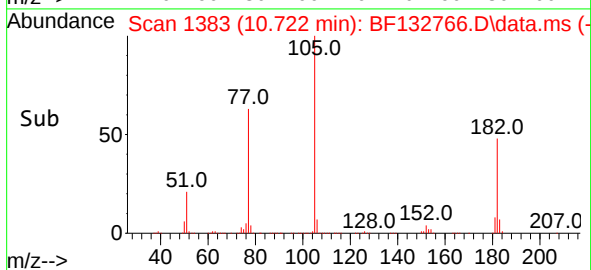
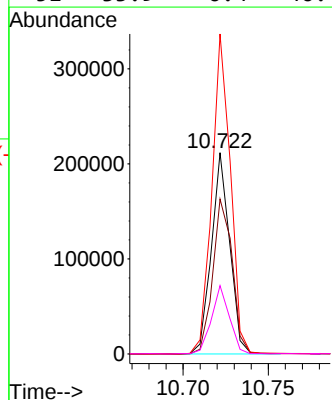
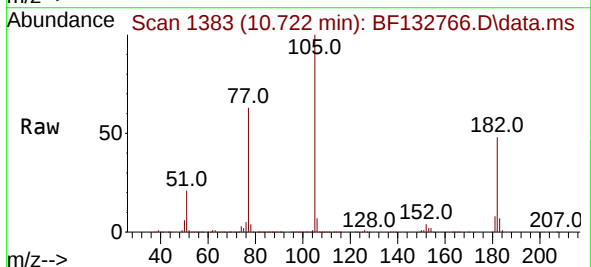
Instrument :
BNA_F
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CONTROL-HOUSE

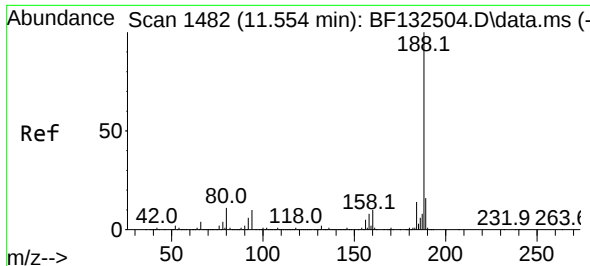
Tgt Ion:165 Resp: 63283
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 4.302 ng
RT: 10.722 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion: 77 Resp: 157822
Ion Ratio Lower Upper
77 100
182 77.0 5.5 45.5#
105 159.0 1.8 41.8#
51 33.9 6.4 46.4

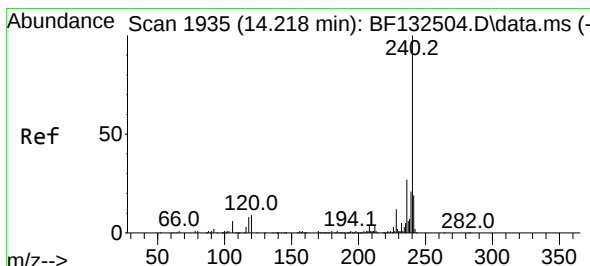
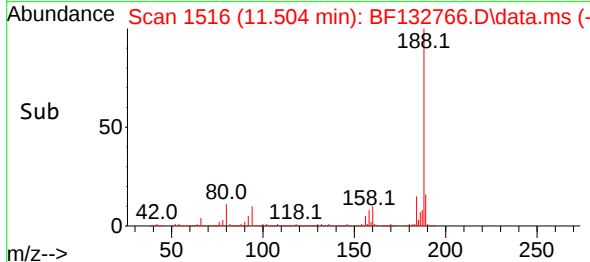
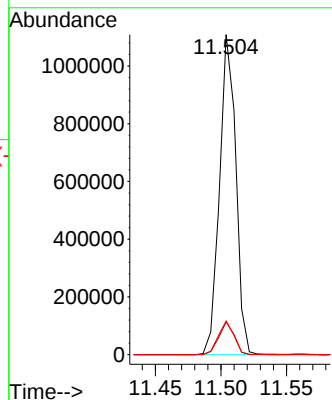
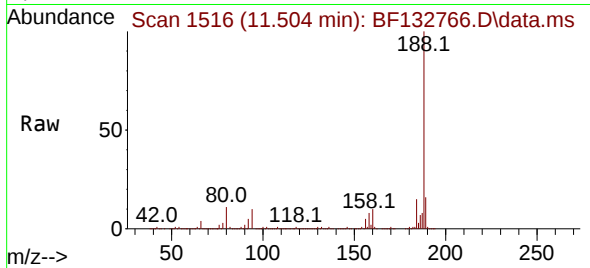




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

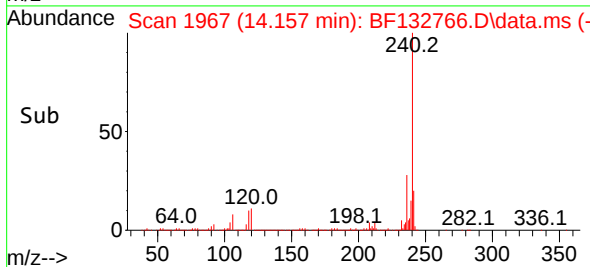
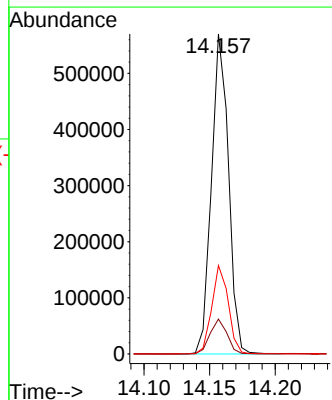
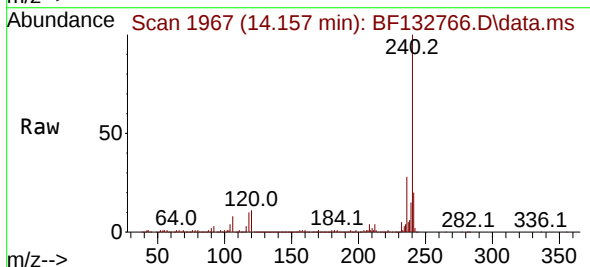
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

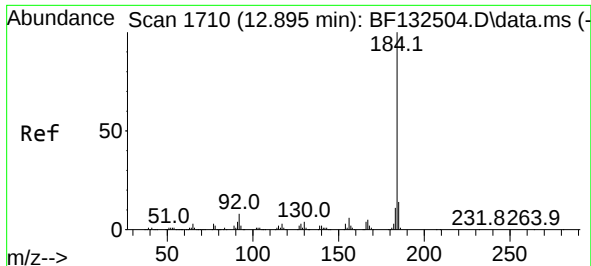
Tgt Ion:188 Resp: 956917
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion:240 Resp: 515996
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 27.7 21.8 32.6

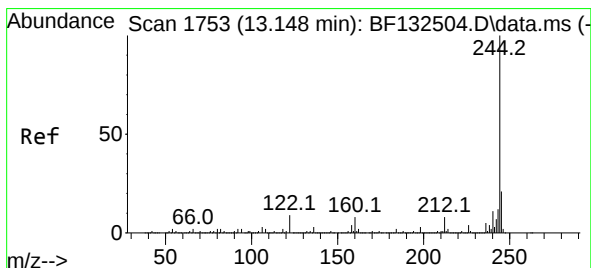
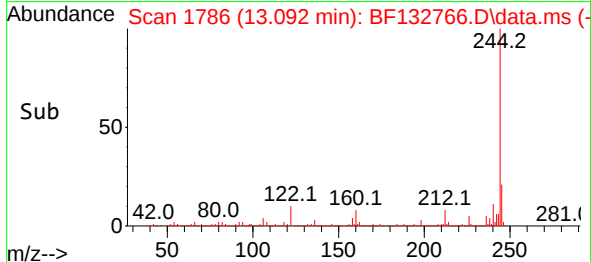
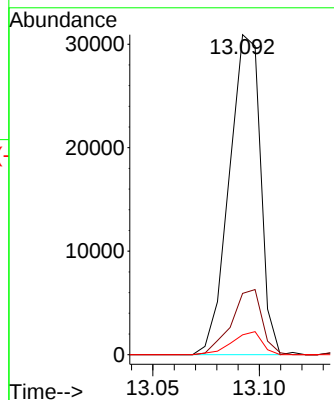
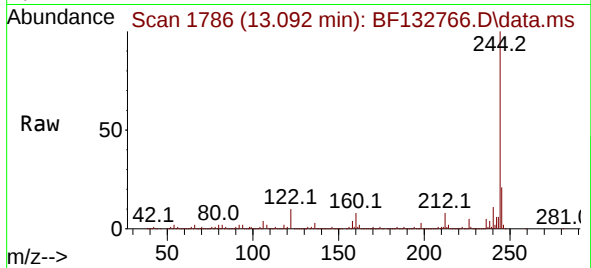




#77
Benzidine
Concen: 2.509 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.241 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

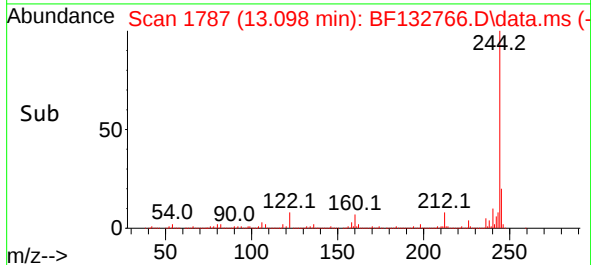
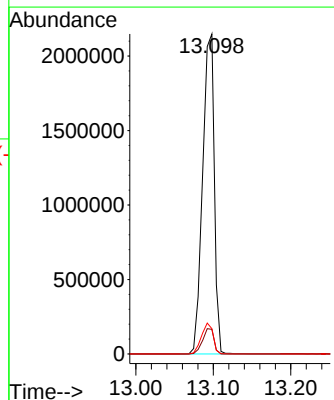
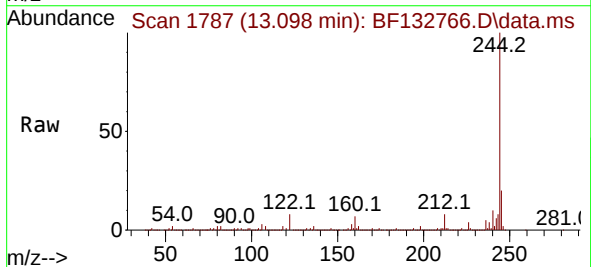
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

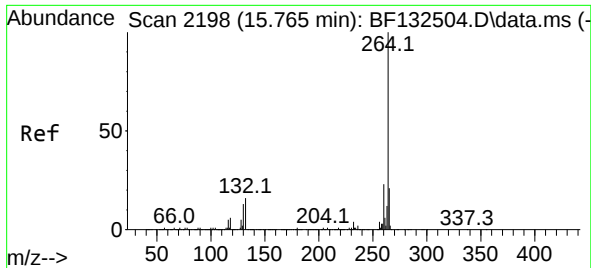
Tgt Ion:184 Resp: 31521
Ion Ratio Lower Upper
184 100
185 19.2 11.7 17.5#
183 6.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 73.699 ng
RT: 13.098 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

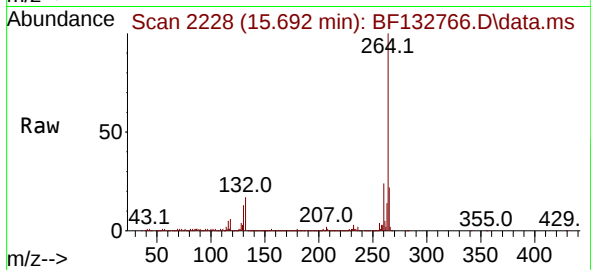
Tgt Ion:244 Resp: 2249203
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.9 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132766.D
 Acq: 13 Mar 2023 18:21

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE



Tgt Ion:264 Resp: 462524
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.0 17.1 25.7

