

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130992.D
 Acq On : 04 Nov 2022 15:08
 Operator : CG\JU
 Sample : N5340-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-102722

Quant Time: Nov 05 00:37:28 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)

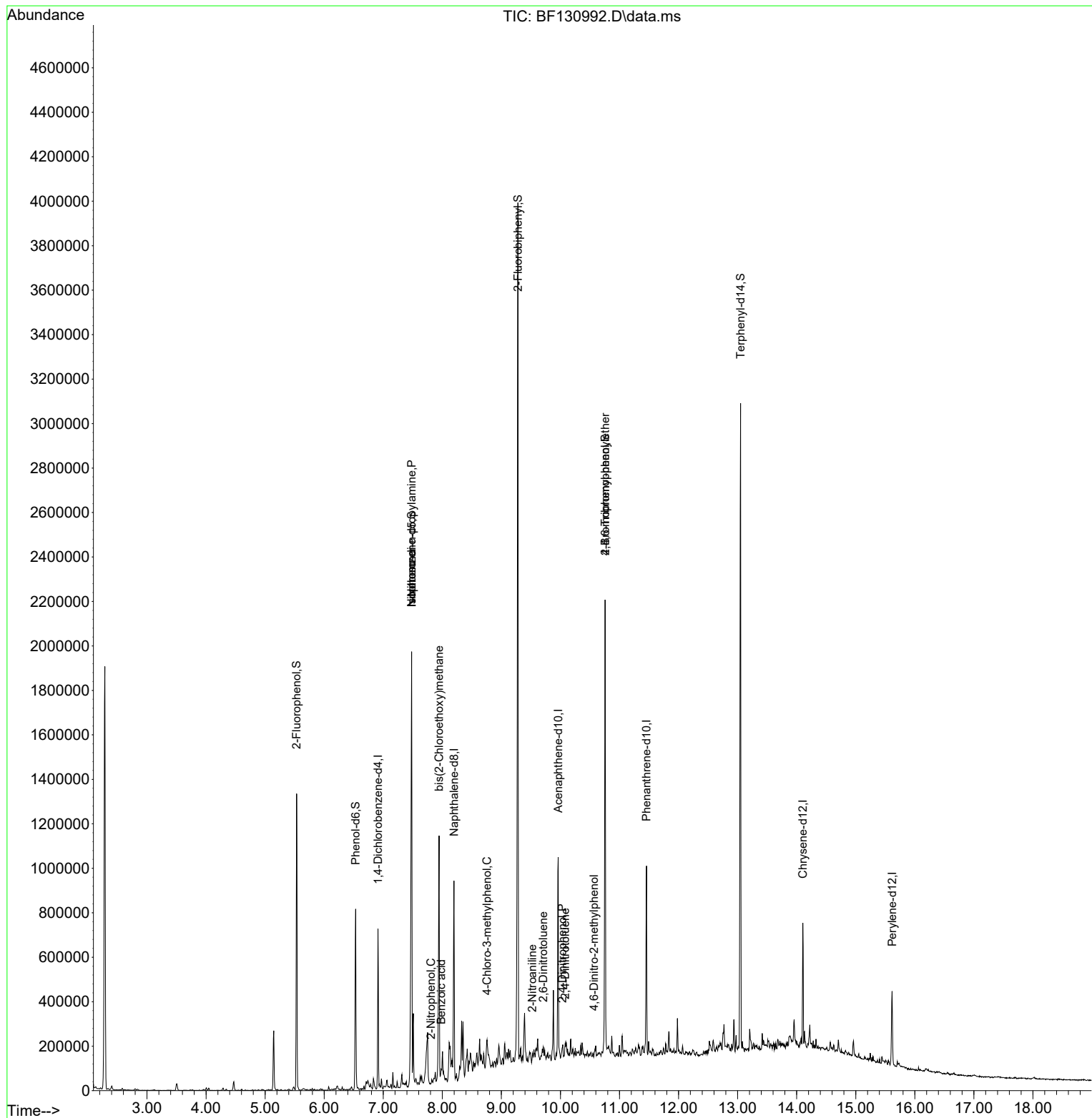
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	93999	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	406327	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	186554	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	281933	20.000	ng	0.00
76) Chrysene-d12	14.104	240	187115	20.000	ng	0.00
86) Perylene-d12	15.615	264	149863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	326402	60.198	ng	0.00
7) Phenol-d6	6.534	99	252408	35.823	ng	0.00
23) Nitrobenzene-d5	7.481	82	748773	111.118	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	248747	158.396	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1299019	105.276	ng	0.00
79) Terphenyl-d14	13.051	244	1054329	103.252	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	104119	21.718	ng	# 77
25) Isophorone	7.481	82	743402	53.498	ng	# 66
26) 2-Nitrophenol	7.810	139	273	4.168	ng	# 1
28) bis(2-Chloroethoxy)met...	7.945	93	23445	3.021	ng	# 1
32) Benzoic acid	7.981	122	11044	9.937	ng	# 15
36) 4-Chloro-3-methylphenol	8.757	107	29336	4.546	ng	# 53
48) 2-Nitroaniline	9.522	65	220	4.206	ng	# 38
51) 2,6-Dinitrotoluene	9.710	165	3942	4.313	ng	# 42
54) 2,4-Dinitrophenol	10.033	184	127	4.315	ng	# 1
57) 2,4-Dinitrotoluene	10.080	165	846	3.962	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.569	198	159	8.041	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	15700	5.537	ng	# 1

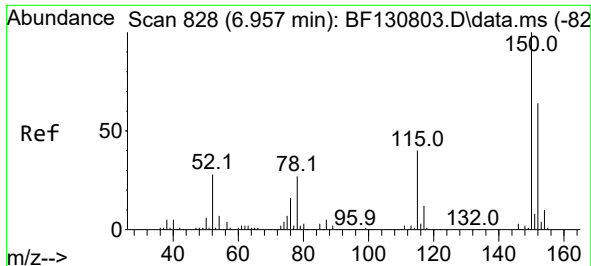
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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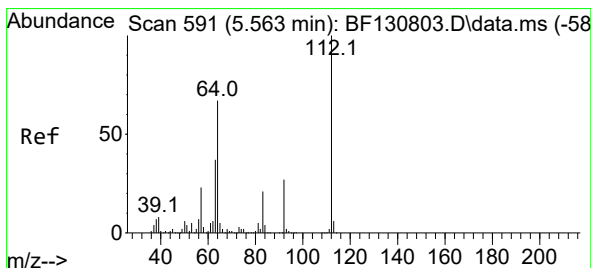
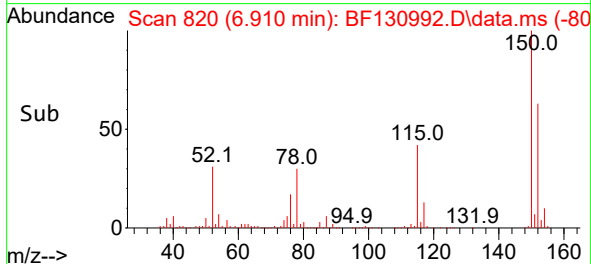
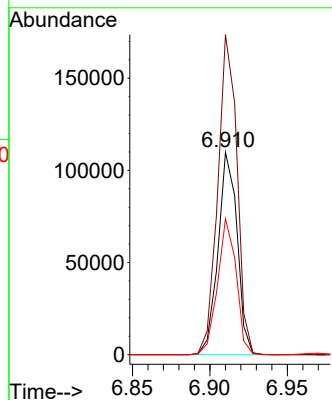
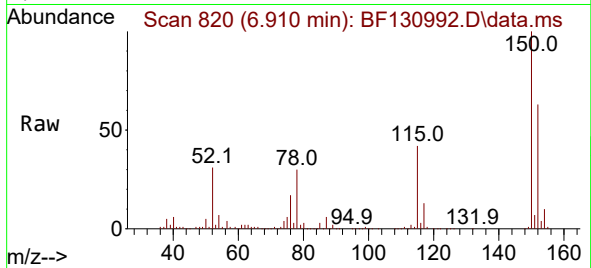




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

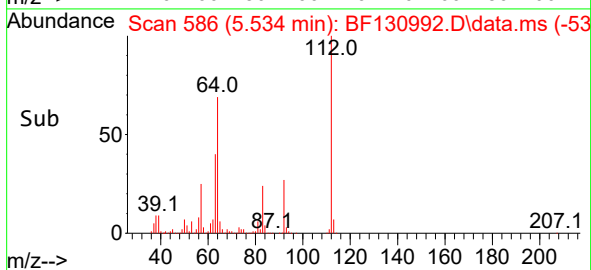
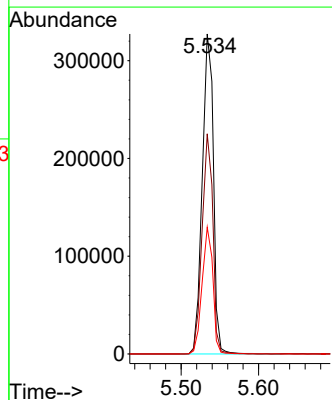
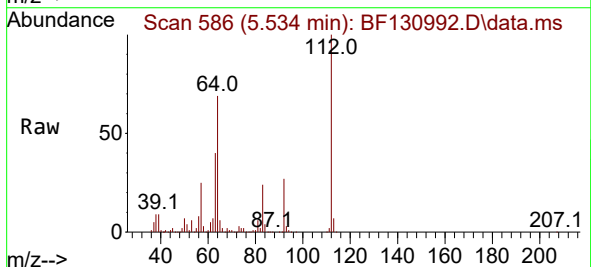
Instrument :
BNA_F
ClientSampleId :
MW-7-102722

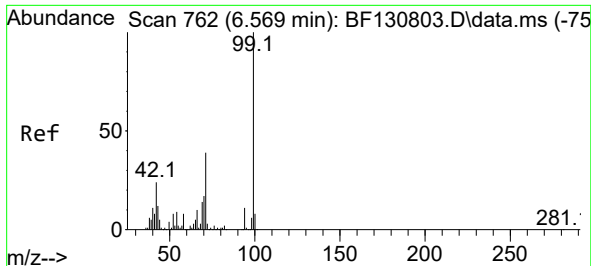
Tgt Ion:152 Resp: 93999
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 67.1 50.1 75.1



#5
2-Fluorophenol
Concen: 60.198 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Tgt Ion:112 Resp: 326402
Ion Ratio Lower Upper
112 100
64 68.8 53.9 80.9
63 39.6 29.4 44.2

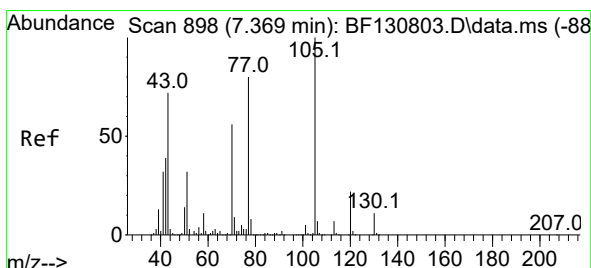
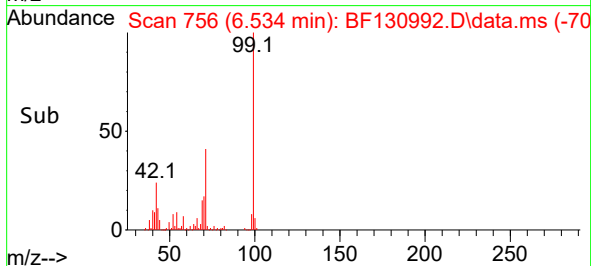
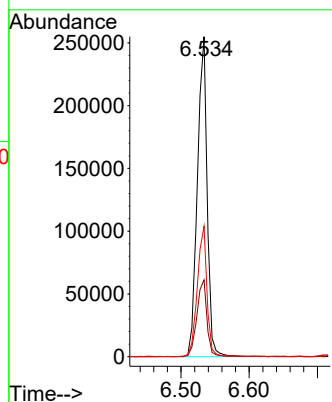
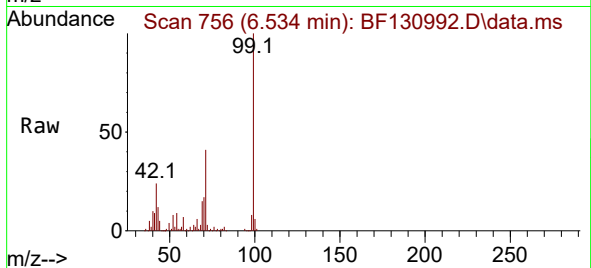




#7
Phenol-d6
Concen: 35.823 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

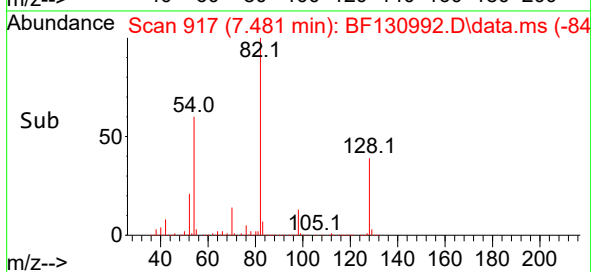
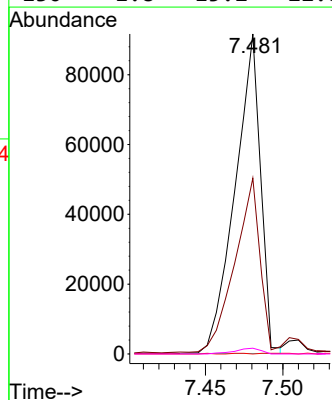
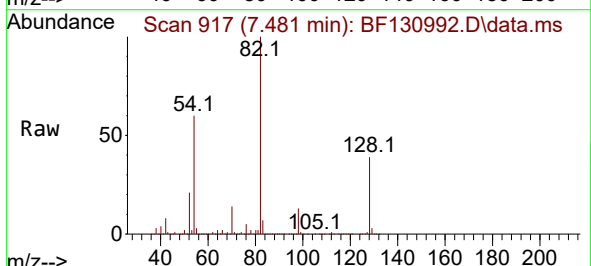
Instrument :
BNA_F
ClientSampleId :
MW-7-102722

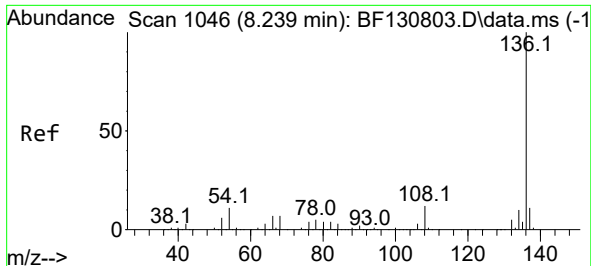
Tgt Ion: 99 Resp: 252408
Ion Ratio Lower Upper
99 100
42 24.0 18.8 28.2
71 40.8 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.718 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Tgt Ion: 70 Resp: 104119
Ion Ratio Lower Upper
70 100
42 55.0 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

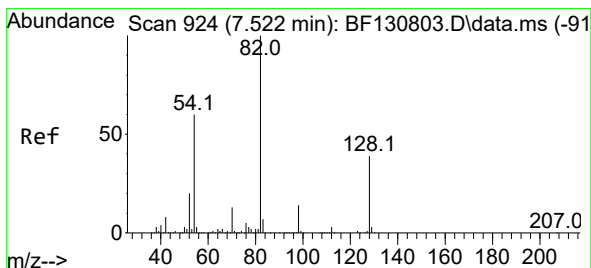
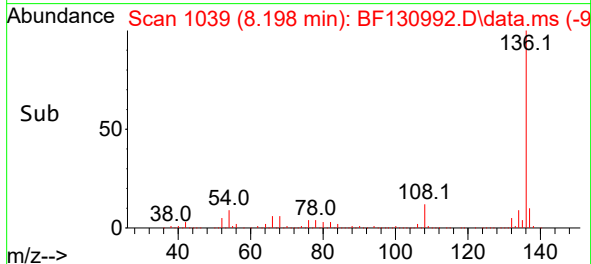
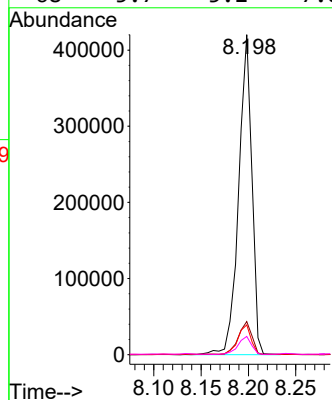
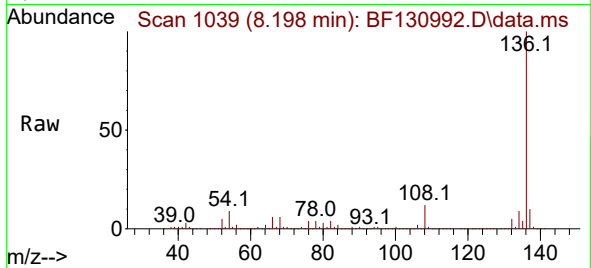




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

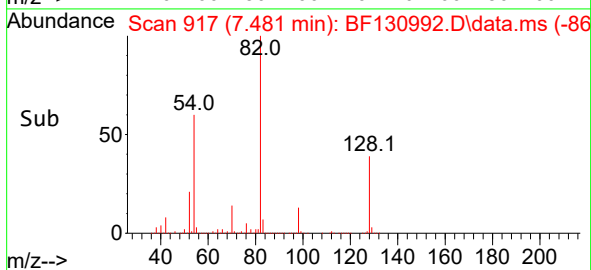
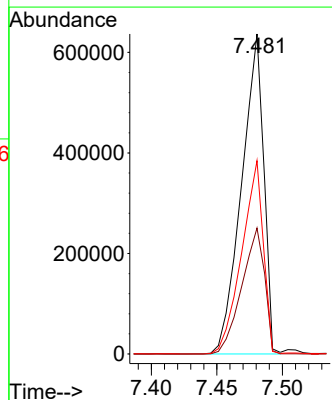
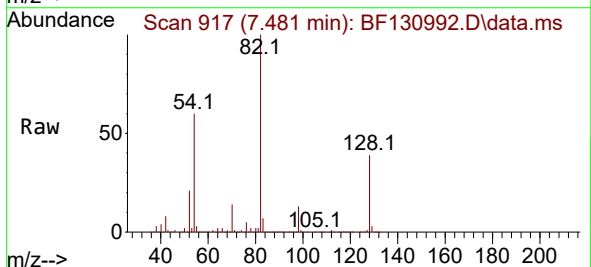
Instrument :
BNA_F
ClientSampleId :
MW-7-102722

Tgt Ion:136 Resp: 406327
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 9.3 8.8 13.2
68 5.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 111.118 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Tgt Ion: 82 Resp: 748773
Ion Ratio Lower Upper
82 100
128 39.4 31.2 46.8
54 60.4 48.0 72.0

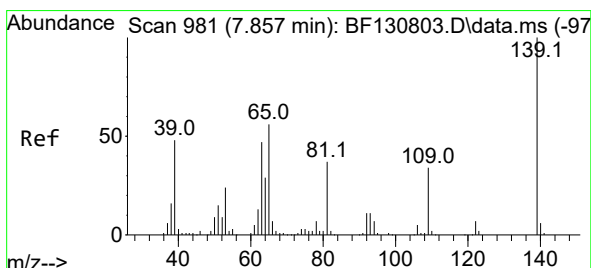
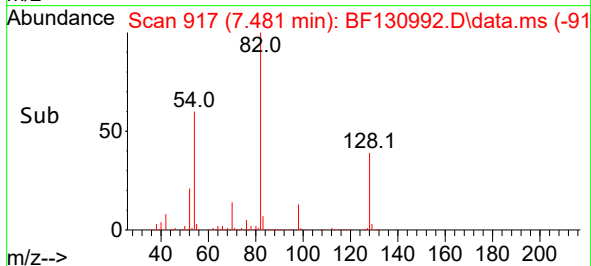
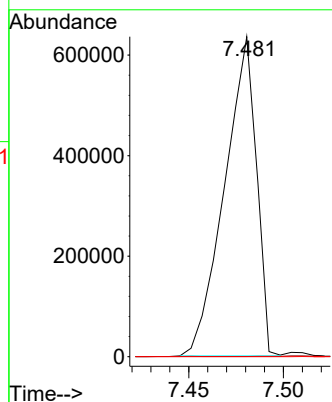
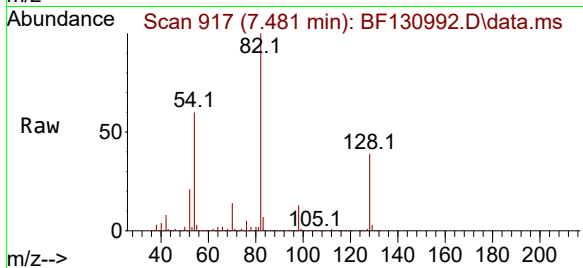




#25
Isophorone
Concen: 53.498 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

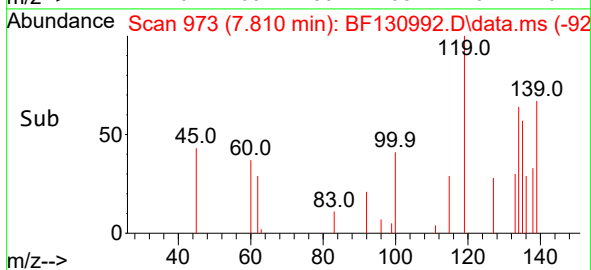
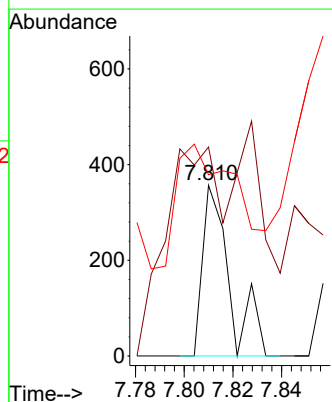
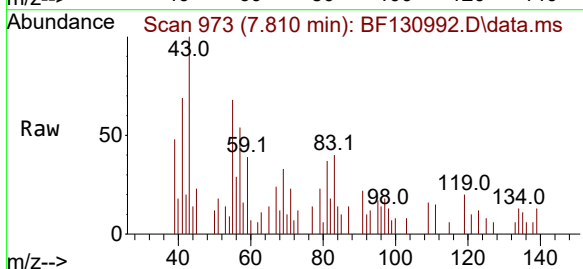
Instrument :
BNA_F
ClientSampleId :
MW-7-102722

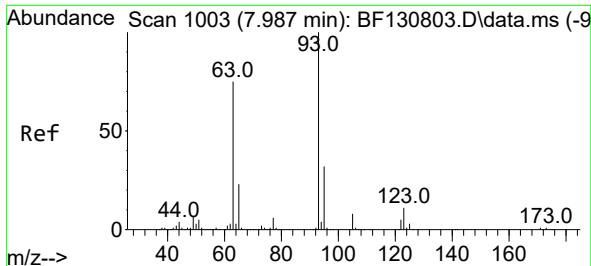
Tgt Ion: 82 Resp: 743402
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.168 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Tgt Ion:139 Resp: 273
Ion Ratio Lower Upper
139 100
109 122.4 27.3 40.9#
65 106.2 44.6 67.0#





#28

bis(2-Chloroethoxy)methane

Concen: 3.021 ng

RT: 7.945 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130992.D

Acq: 04 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

MW-7-102722

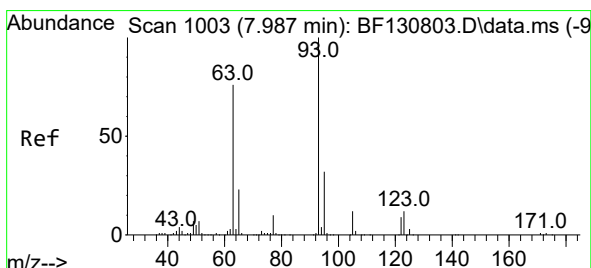
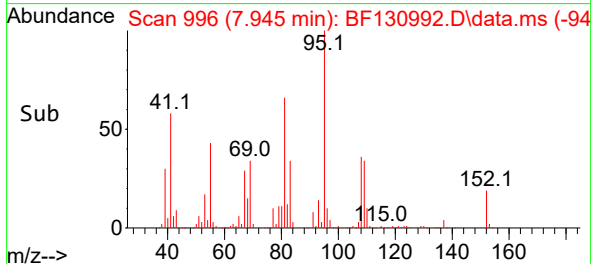
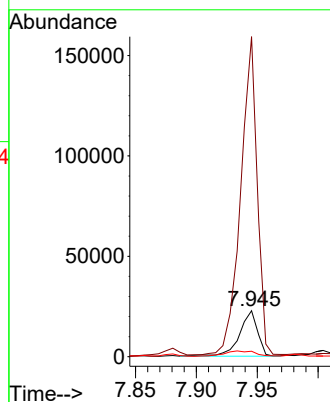
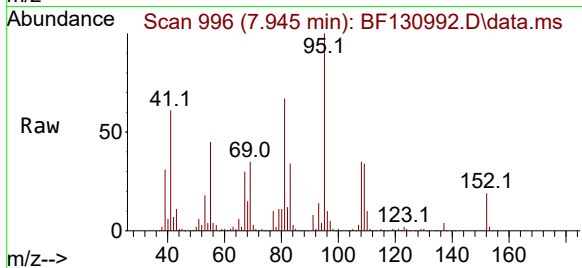
Tgt Ion: 93 Resp: 23445

Ion Ratio Lower Upper

93 100

95 695.8 25.7 38.5#

123 11.8 9.4 14.0



#32

Benzoic acid

Concen: 9.937 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.018 min

Lab File: BF130992.D

Acq: 04 Nov 2022 15:08

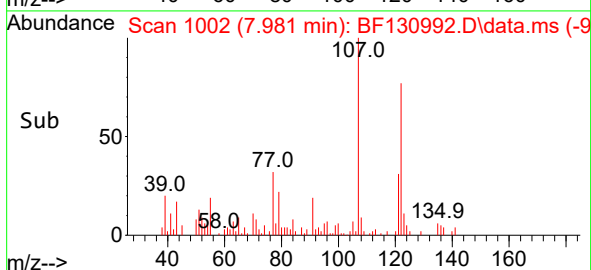
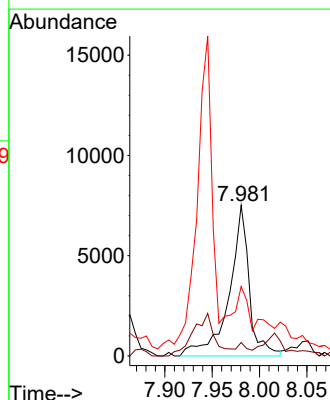
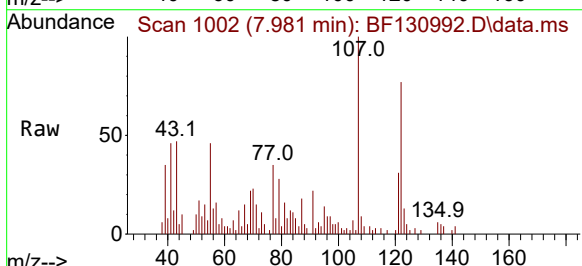
Tgt Ion:122 Resp: 11044

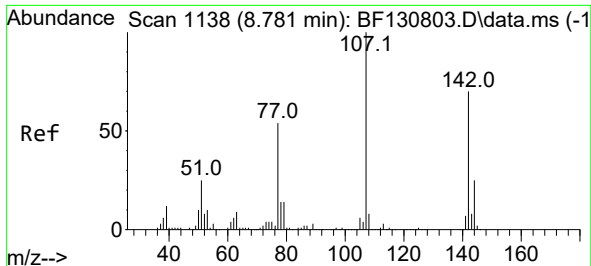
Ion Ratio Lower Upper

122 100

105 8.9 114.5 154.5#

77 46.2 89.8 129.8#

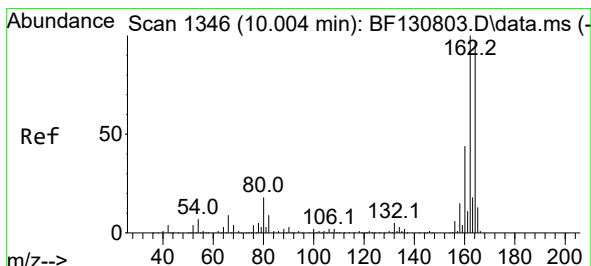
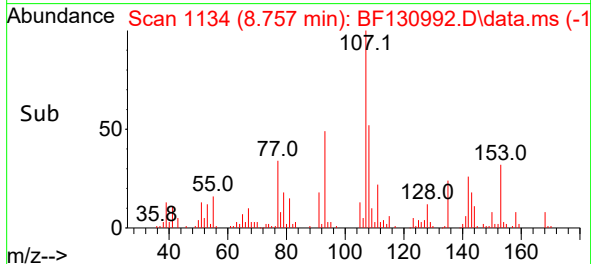
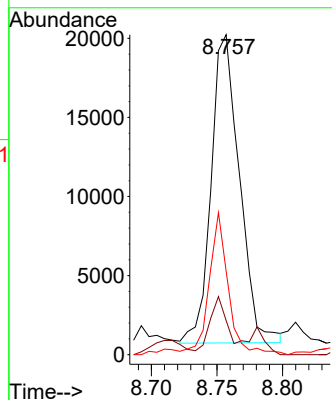
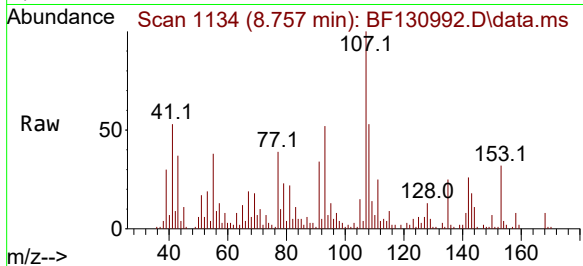




#36
4-Chloro-3-methylphenol
Concen: 4.546 ng
RT: 8.757 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

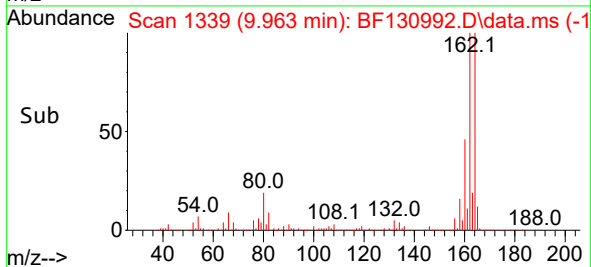
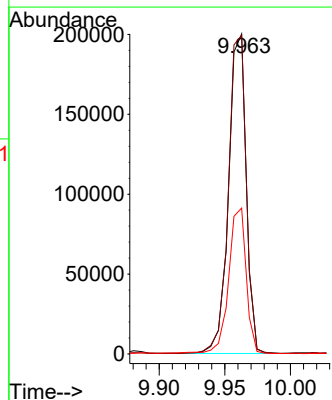
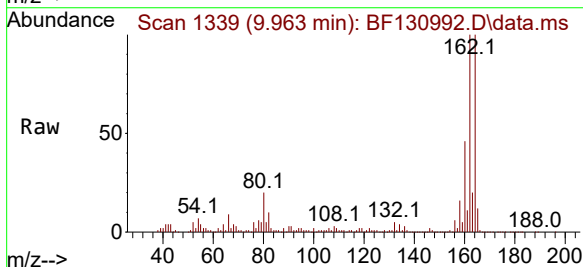
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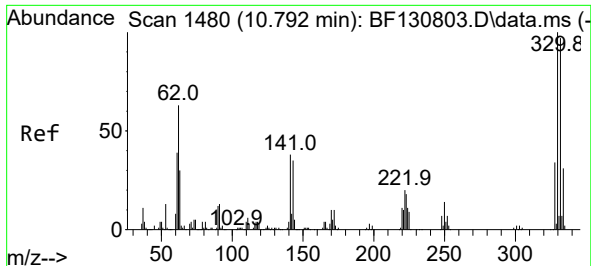
Tgt Ion:107 Resp: 29336
Ion Ratio Lower Upper
107 100
144 10.7 19.8 29.8#
142 26.1 56.0 84.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

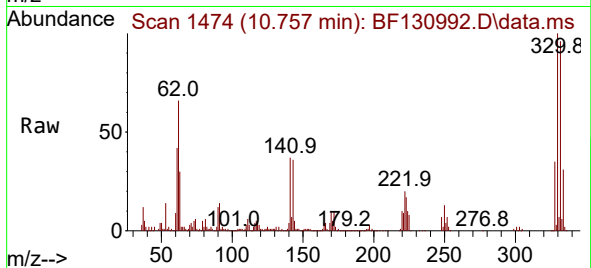
Tgt Ion:164 Resp: 186554
Ion Ratio Lower Upper
164 100
162 99.6 82.2 123.2
160 45.6 36.6 54.8



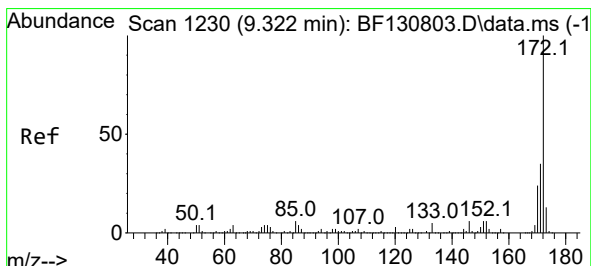
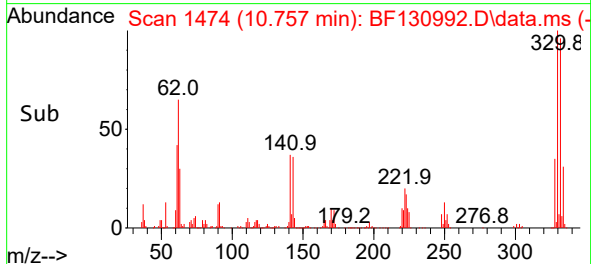
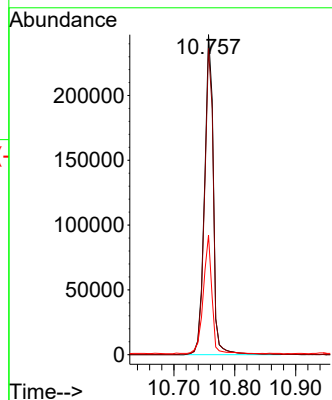


#42
2,4,6-Tribromophenol
Concen: 158.396 ng
RT: 10.757 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Instrument :
BNA_F
ClientSampleId :
MW-7-102722

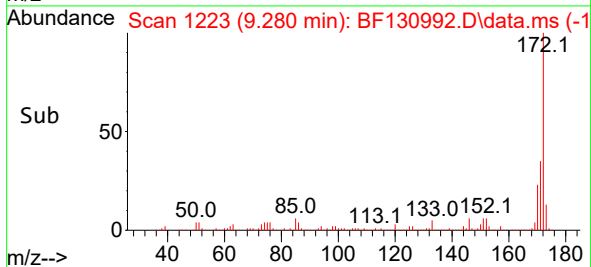
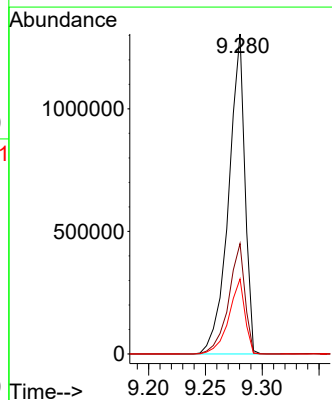
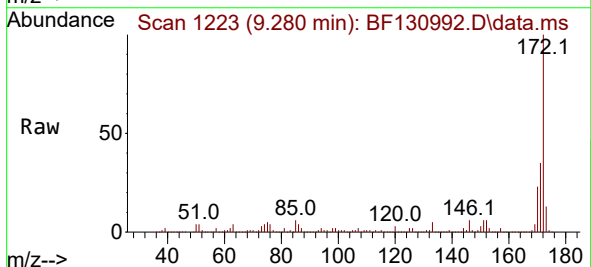


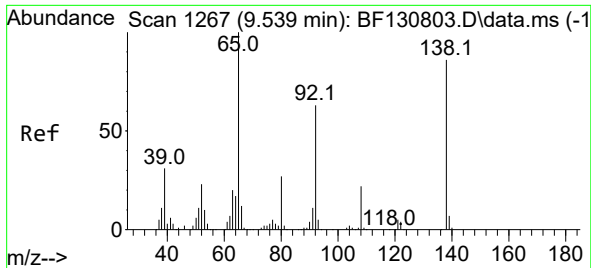
Tgt Ion:330 Resp: 248747
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 35.7 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 105.276 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Tgt Ion:172 Resp: 1299019
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.4 19.0 28.4





#48

2-Nitroaniline

Concen: 4.206 ng

RT: 9.522 min Scan# 1267

Delta R.T. 0.018 min

Lab File: BF130992.D

Acq: 04 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

MW-7-102722

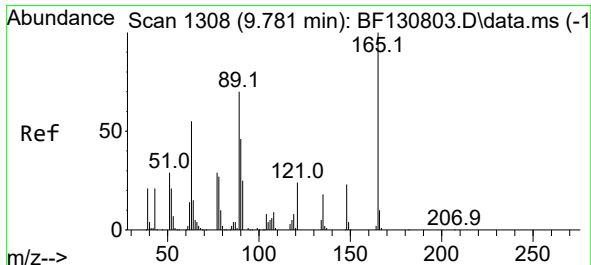
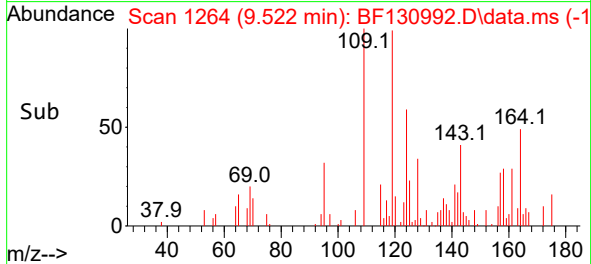
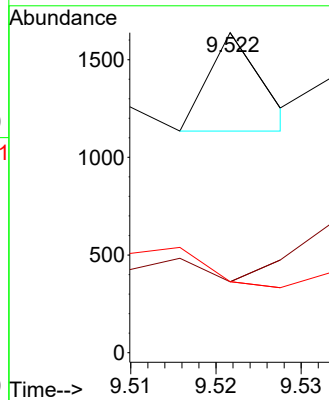
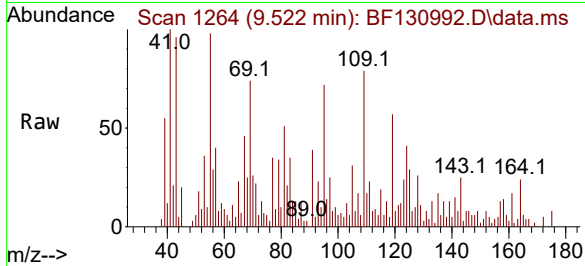
Tgt Ion: 65 Resp: 220

Ion Ratio Lower Upper

65 100

92 22.2 50.1 75.1#

138 22.2 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 4.313 ng

RT: 9.710 min Scan# 1296

Delta R.T. -0.035 min

Lab File: BF130992.D

Acq: 04 Nov 2022 15:08

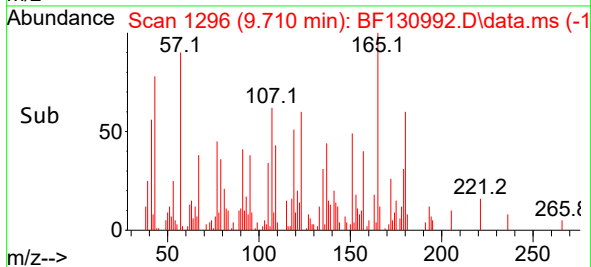
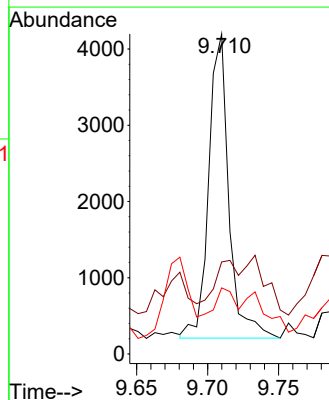
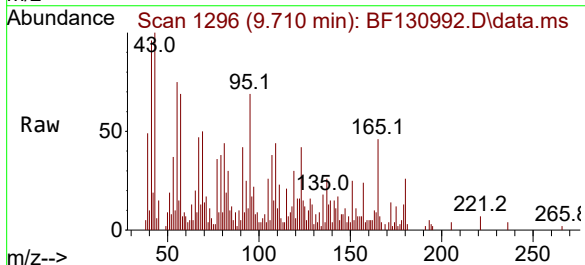
Tgt Ion: 165 Resp: 3942

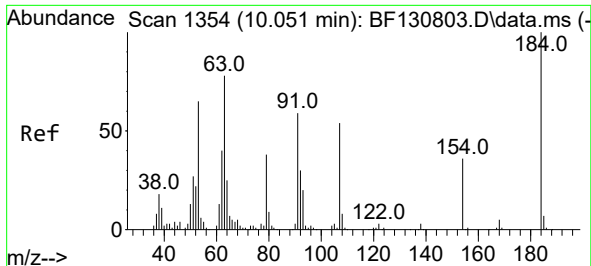
Ion Ratio Lower Upper

165 100

63 28.8 61.8 92.8#

89 20.7 56.2 84.4#

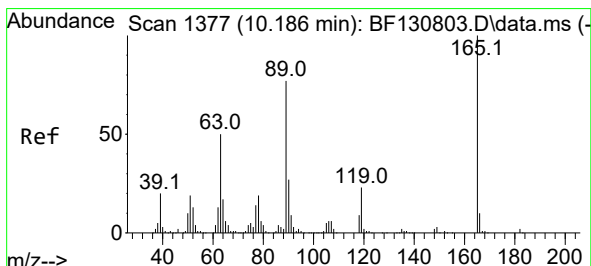
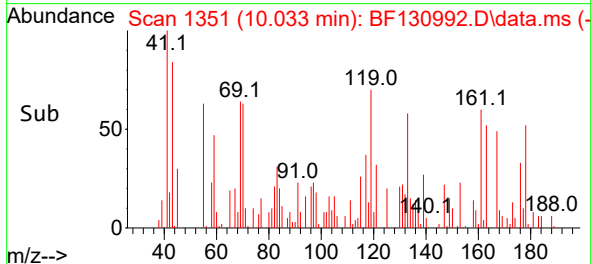
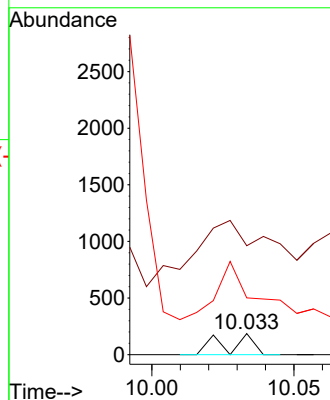
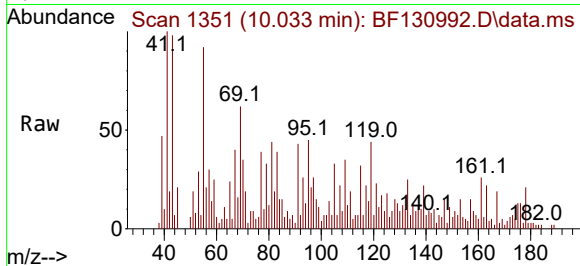




#54
2,4-Dinitrophenol
Concen: 4.315 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

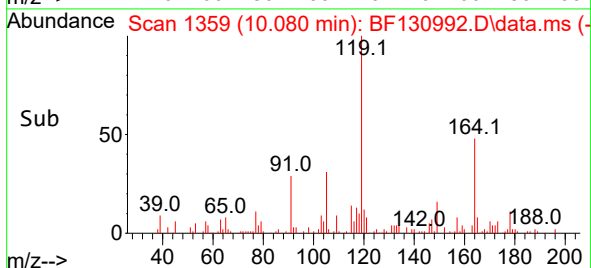
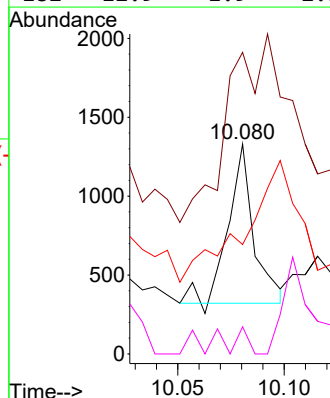
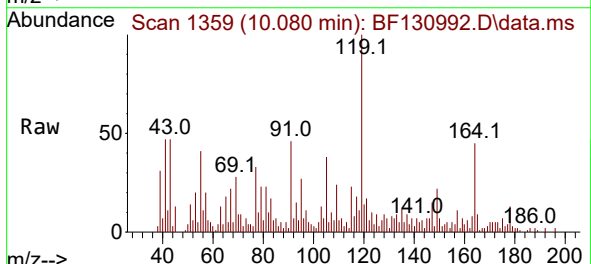
Instrument :
BNA_F
ClientSampleId :
MW-7-102722

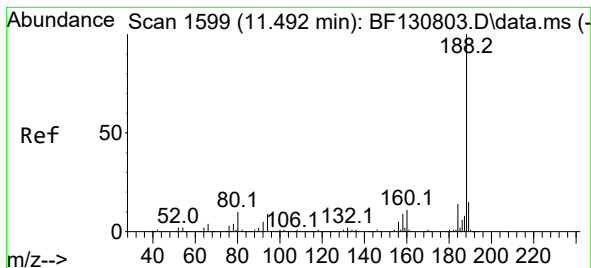
Tgt Ion:184 Resp: 127
Ion Ratio Lower Upper
184 100
63 514.4 66.7 100.1#
154 267.9 62.2 93.2#



#57
2,4-Dinitrotoluene
Concen: 3.962 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.071 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Tgt Ion:165 Resp: 846
Ion Ratio Lower Upper
165 100
63 143.7 39.8 59.6#
89 52.1 61.9 92.9#
182 12.9 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130992.D

Acq: 04 Nov 2022 15:08

Instrument :

BNA_F

ClientSampleId :

MW-7-102722

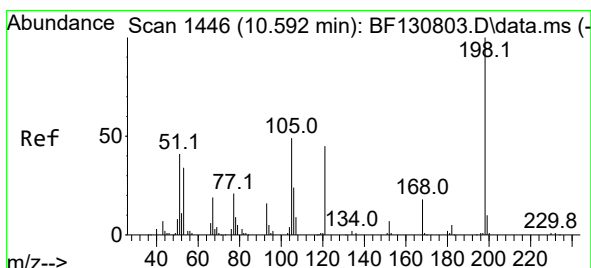
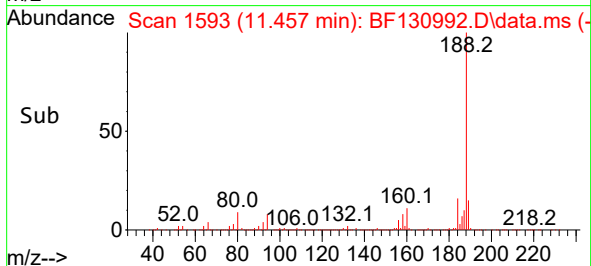
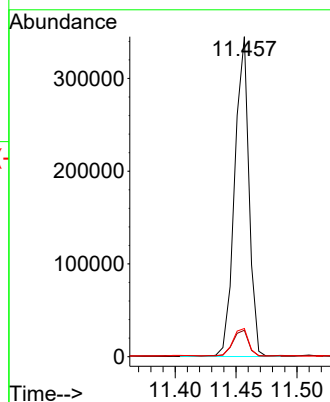
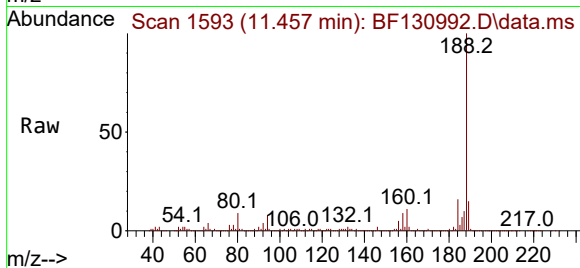
Tgt Ion:188 Resp: 281933

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.8 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.041 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.006 min

Lab File: BF130992.D

Acq: 04 Nov 2022 15:08

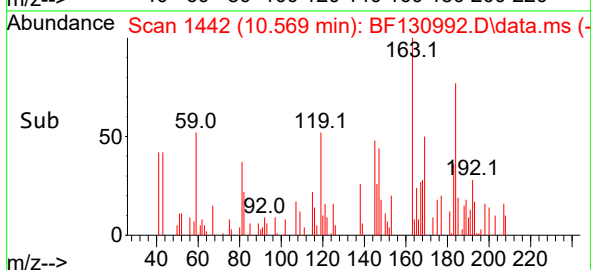
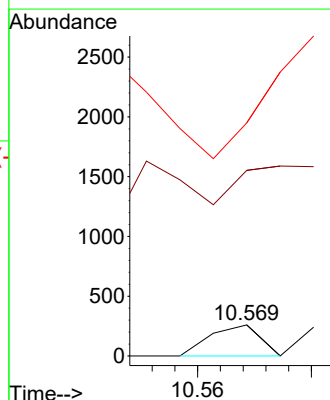
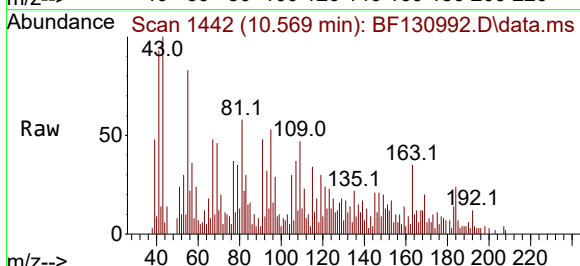
Tgt Ion:198 Resp: 159

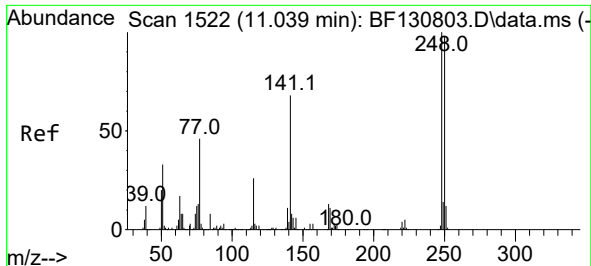
Ion Ratio Lower Upper

198 100

51 597.3 39.0 79.0#

105 750.0 30.6 70.6#

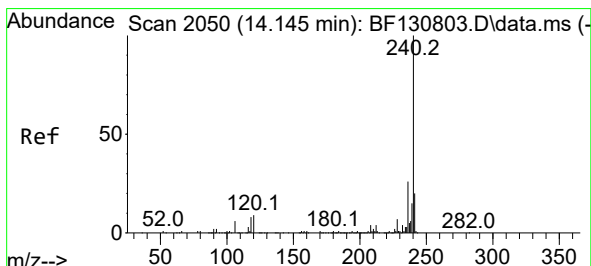
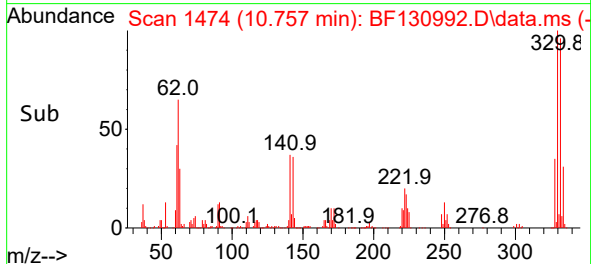
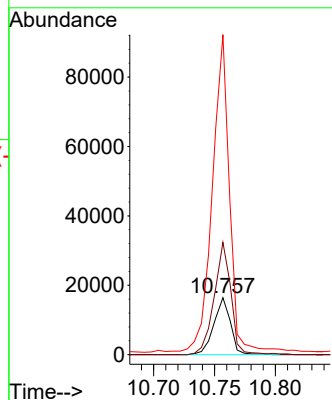
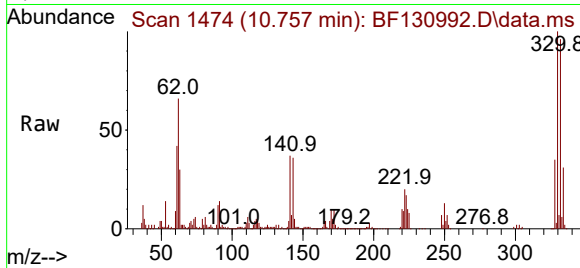




#67
4-Bromophenyl-phenylether
Concen: 5.537 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

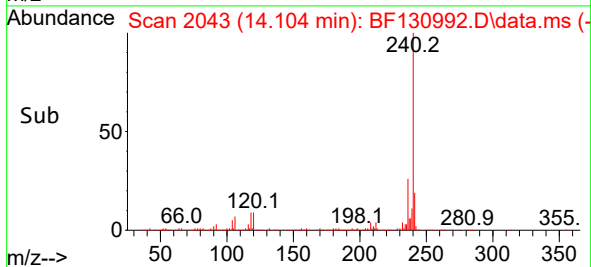
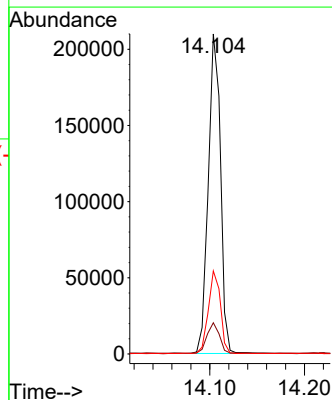
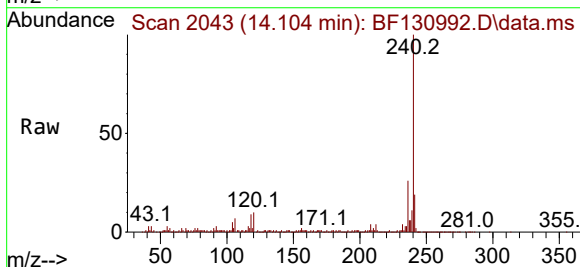
Instrument :
BNA_F
ClientSampleId :
MW-7-102722

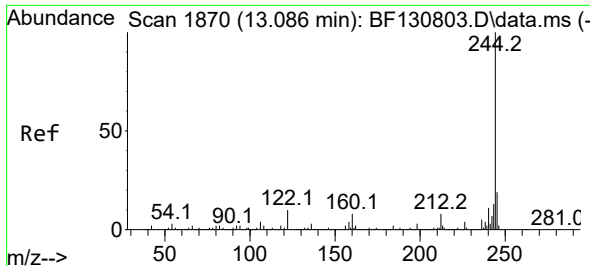
Tgt Ion:248 Resp: 15700
Ion Ratio Lower Upper
248 100
250 196.9 78.6 117.8#
141 561.2 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130992.D
Acq: 04 Nov 2022 15:08

Tgt Ion:240 Resp: 187115
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.4
236 26.0 20.5 30.7

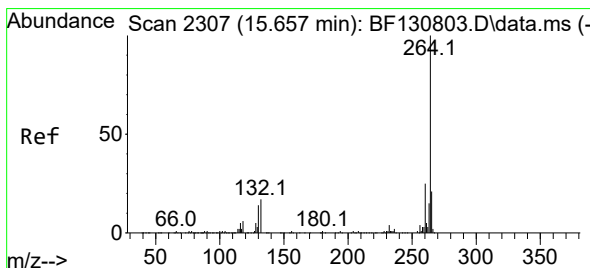
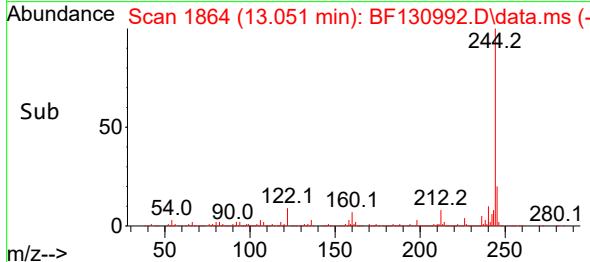
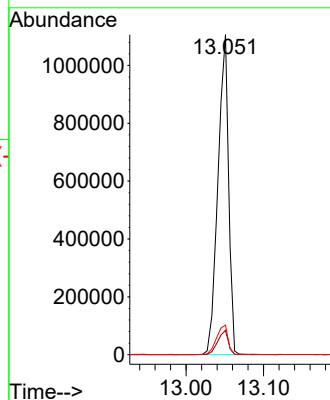
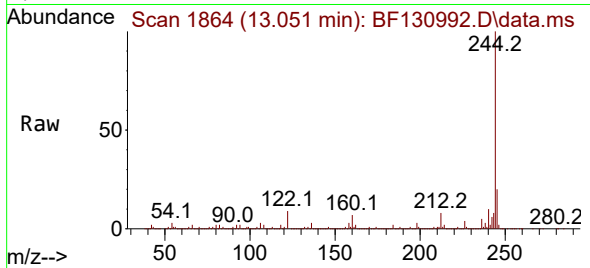




#79
 Terphenyl-d14
 Concen: 103.252 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF130992.D
 Acq: 04 Nov 2022 15:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-102722

Tgt Ion:244 Resp: 1054329
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 2300
 Delta R.T. 0.006 min
 Lab File: BF130992.D
 Acq: 04 Nov 2022 15:08

Tgt Ion:264 Resp: 149863
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.2 17.0 25.6

