

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130203.D
 Acq On : 09 Sep 2022 19:42
 Operator : CG\JU
 Sample : N4549-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Quant Time: Sep 09 23:50:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

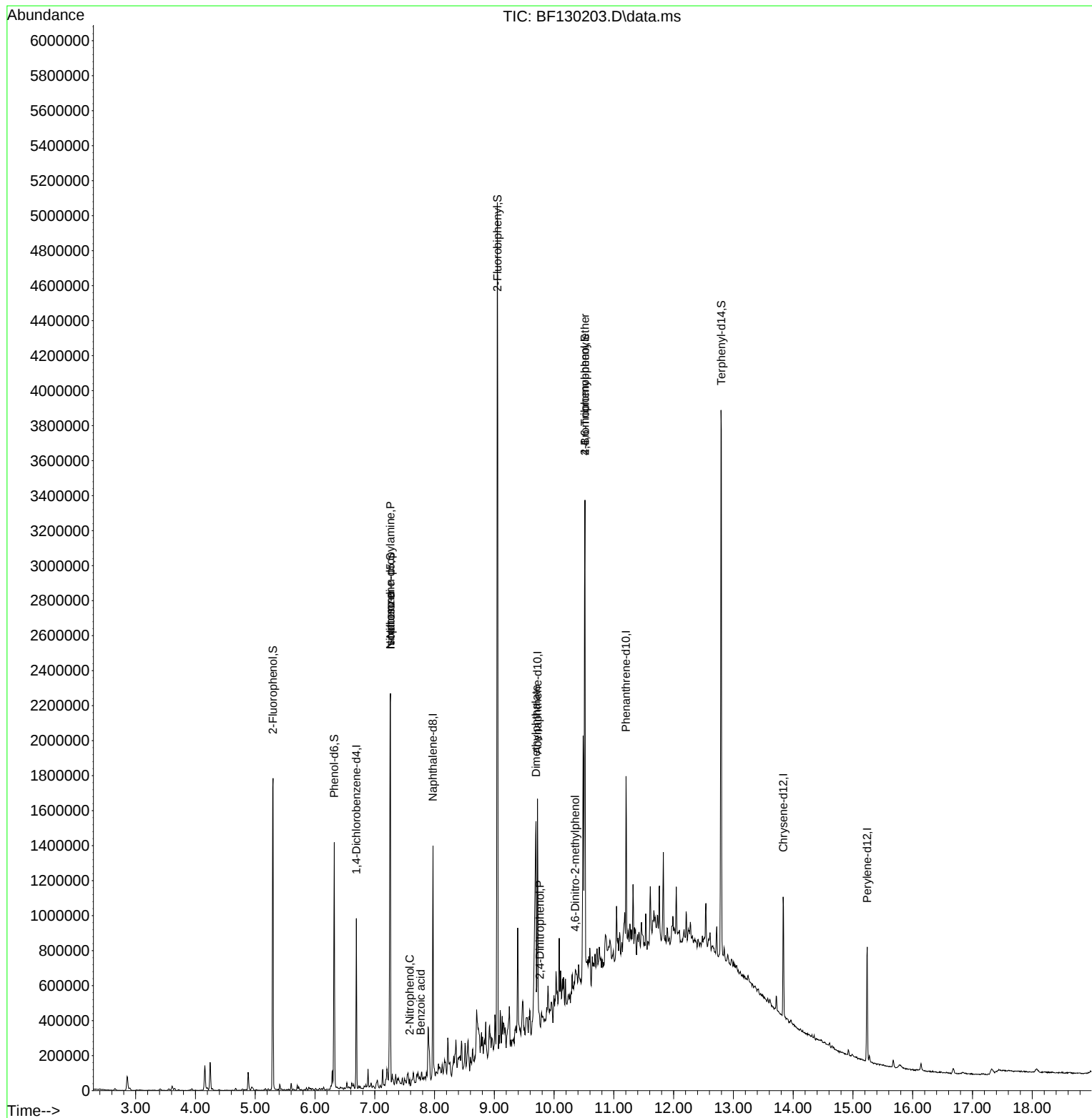
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	125901	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	466863	20.000	ng	# 0.00
39) Acenaphthene-d10	9.722	164	232746	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	342569	20.000	ng	0.00
76) Chrysene-d12	13.833	240	235360	20.000	ng	-0.01
86) Perylene-d12	15.239	264	277174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	532657	71.824	ng	0.00
7) Phenol-d6	6.322	99	420726	45.504	ng	-0.01
23) Nitrobenzene-d5	7.263	82	848039	116.737	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	354367	167.262	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	1512623	107.751	ng	0.00
79) Terphenyl-d14	12.798	244	1140857	84.058	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	113575	20.390	ng	# 73
25) Isophorone	7.263	82	844733	57.451	ng	# 65
26) 2-Nitrophenol	7.587	139	67	3.517	ng	# 1
32) Benzoic acid	7.769	122	818	6.712	ng	# 67
50) Dimethylphthalate	9.698	163	669694	42.244	ng	# 94
54) 2,4-Dinitrophenol	9.763	184	274	8.268	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.351	198	1888	7.103	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	20497	5.379	ng	# 1

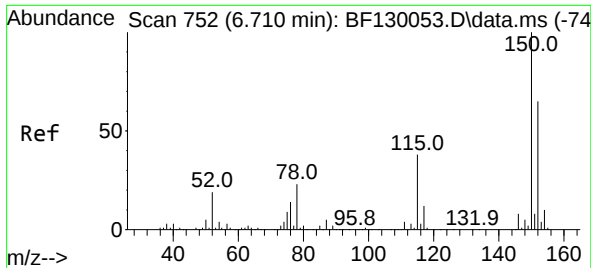
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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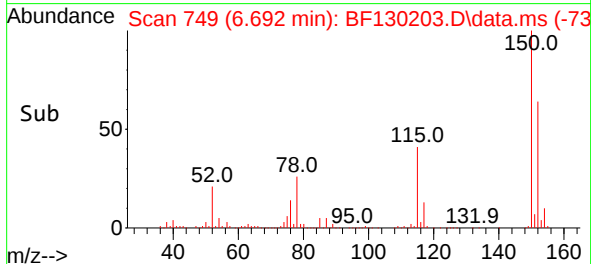
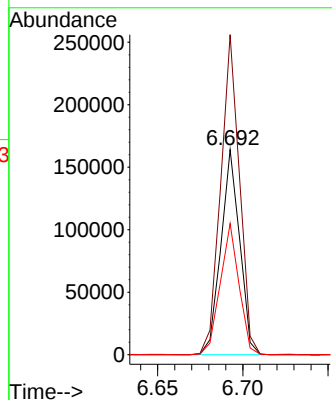
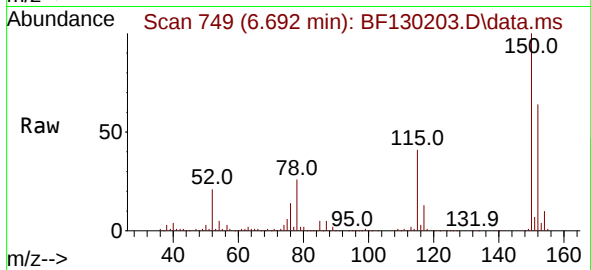




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

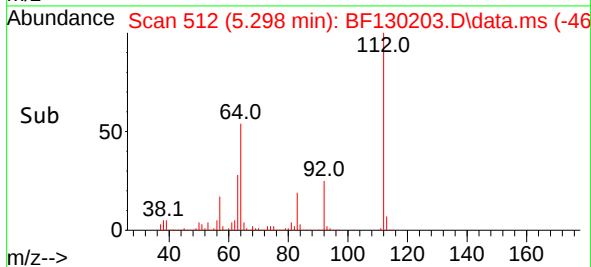
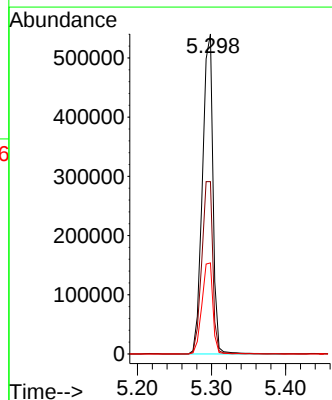
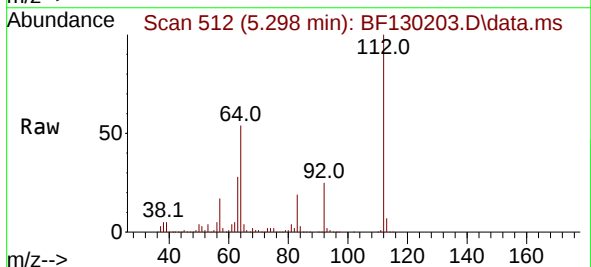
Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Tgt Ion:152 Resp: 125901
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 64.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 71.824 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

Tgt Ion:112 Resp: 532657
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.6 71.4
 63 28.4 24.6 37.0

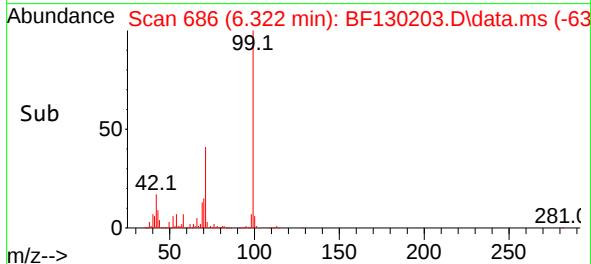
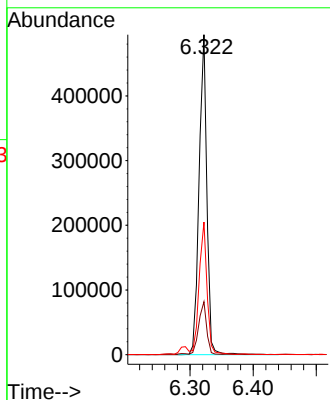
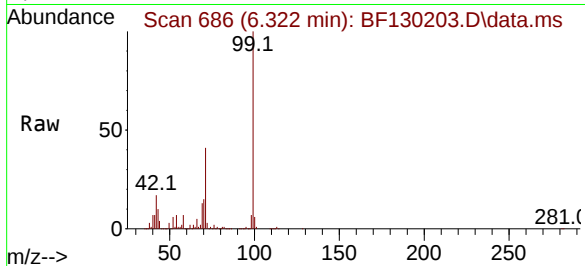




#7
Phenol-d6
Concen: 45.504 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

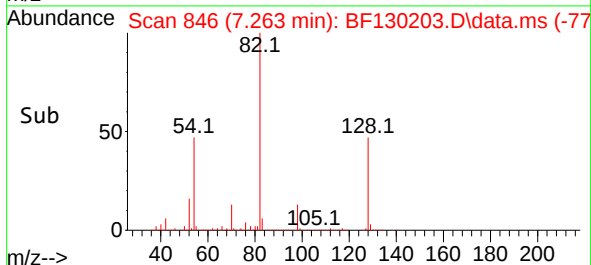
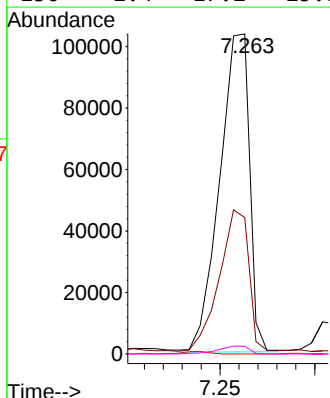
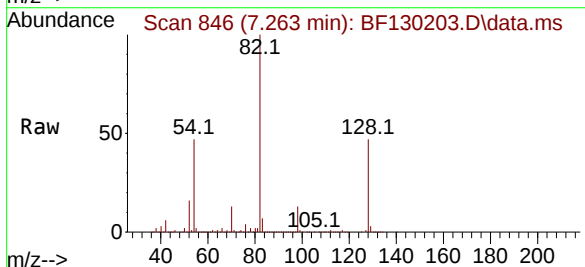
Instrument :
BNA_F
ClientSampleId :
MW-47

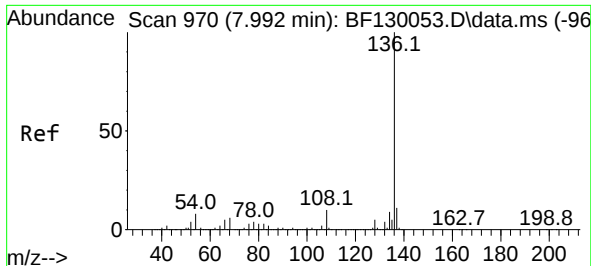
Tgt Ion: 99 Resp: 420726
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 41.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.390 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 70 Resp: 113575
Ion Ratio Lower Upper
70 100
42 42.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

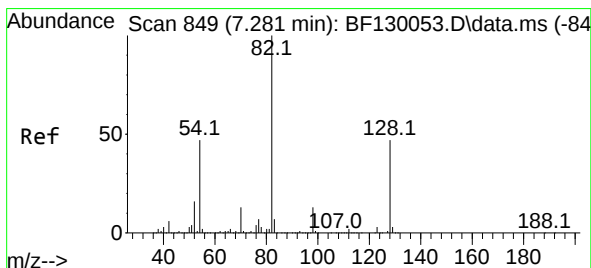
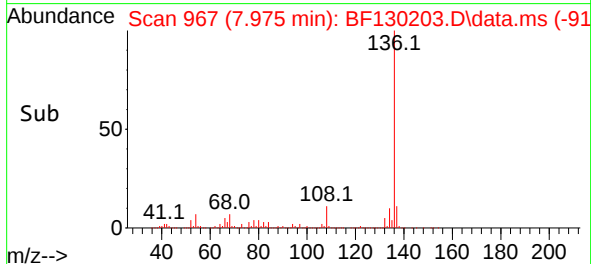
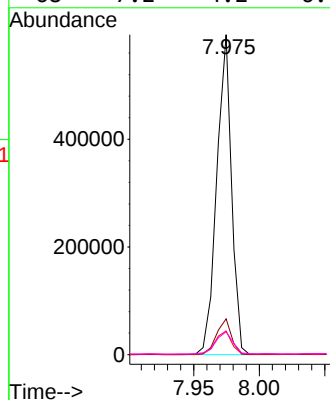
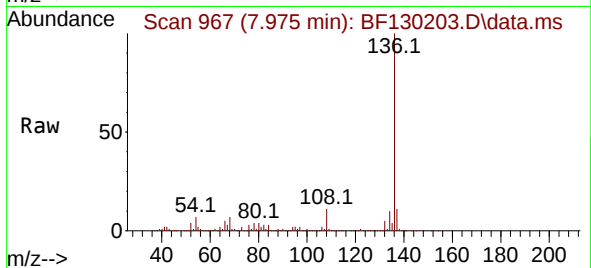




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

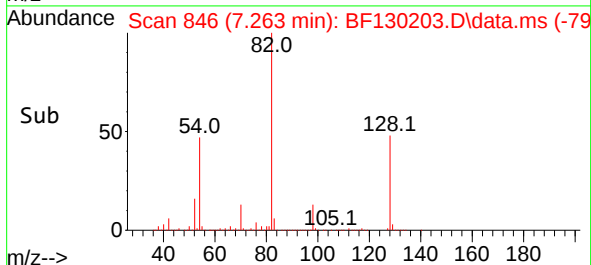
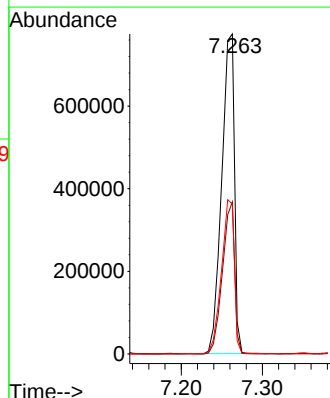
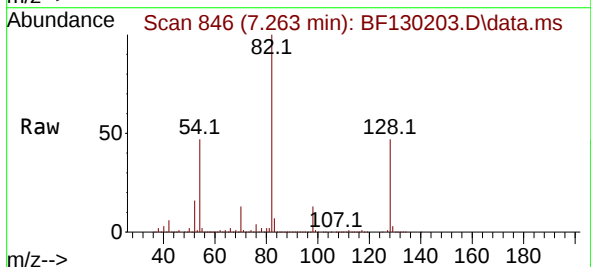
Instrument :
BNA_F
ClientSampleId :
MW-47

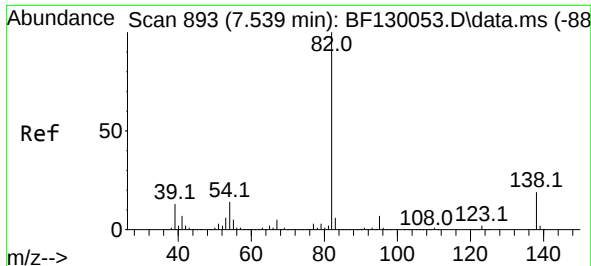
Tgt Ion:136 Resp: 466863
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.4 6.2 9.2
68 7.2 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 116.737 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 82 Resp: 848039
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 46.8 40.0 60.0

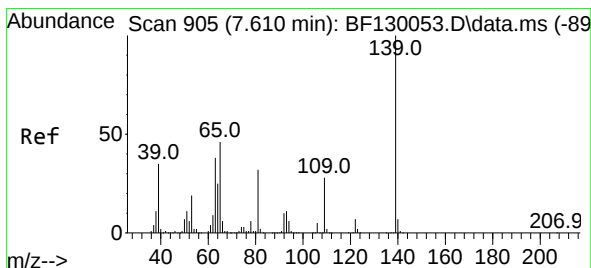
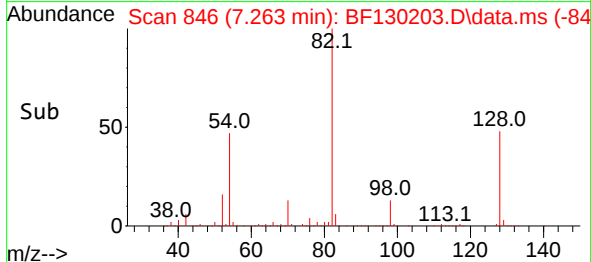
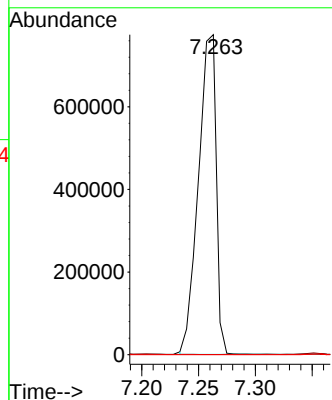
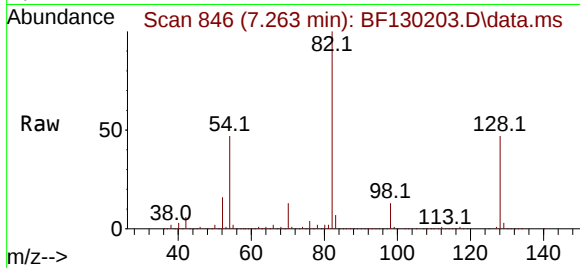




#25
Isophorone
Concen: 57.451 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

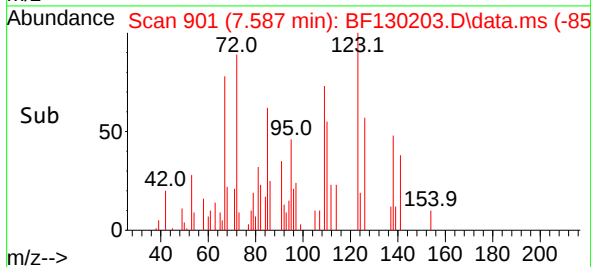
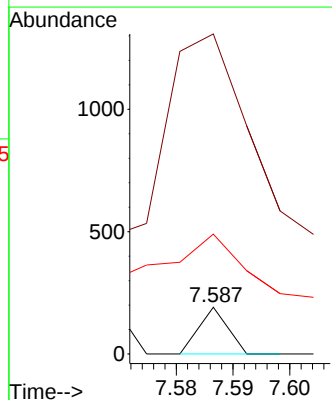
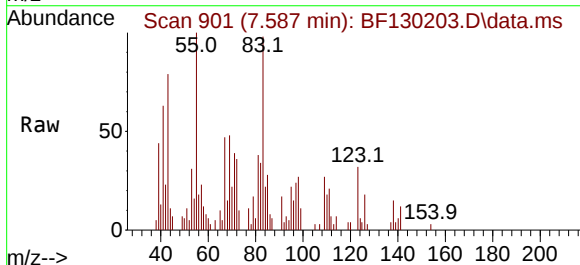
Instrument :
BNA_F
ClientSampleId :
MW-47

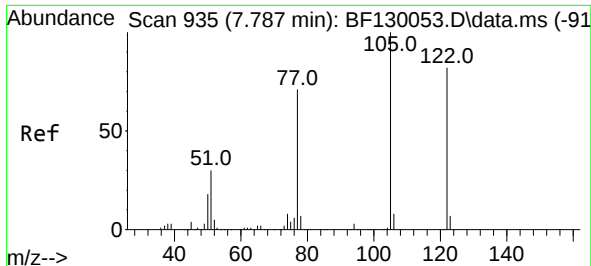
Tgt Ion: 82 Resp: 844733
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#



#26
2-Nitrophenol
Concen: 3.517 ng
RT: 7.587 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion: 139 Resp: 67
Ion Ratio Lower Upper
139 100
109 684.8 24.4 36.6#
65 256.5 40.9 61.3#

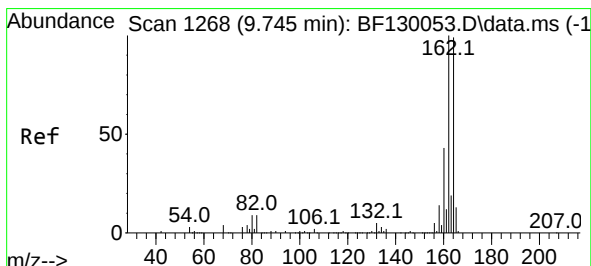
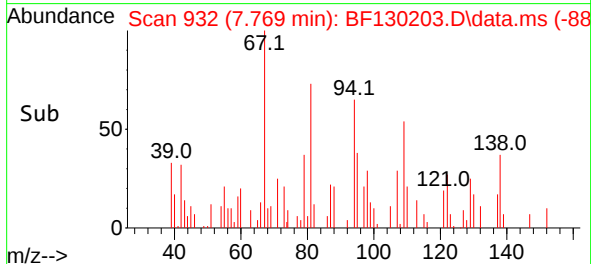
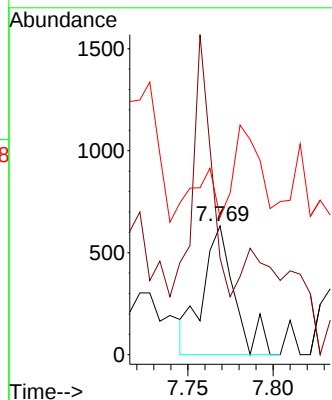
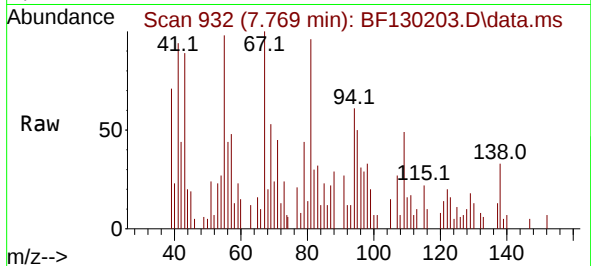




#32
Benzoic acid
Concen: 6.712 ng
RT: 7.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

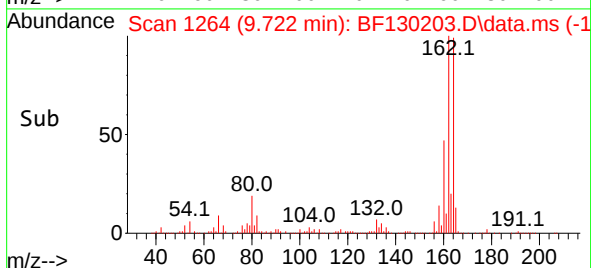
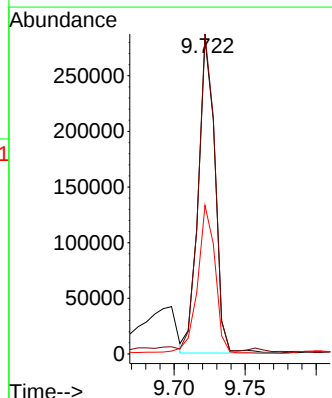
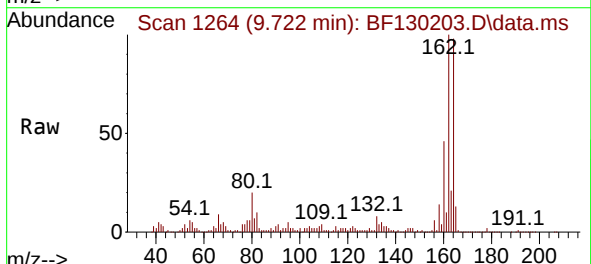
Instrument :
BNA_F
ClientSampleId :
MW-47

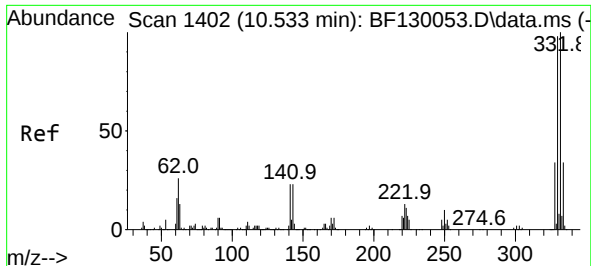
Tgt Ion:122 Resp: 818
Ion Ratio Lower Upper
122 100
105 75.1 99.9 139.9#
77 107.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion:164 Resp: 232746
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 47.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 167.262 ng

RT: 10.516 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130203.D

Acq: 09 Sep 2022 19:42

Instrument :

BNA_F

ClientSampleId :

MW-47

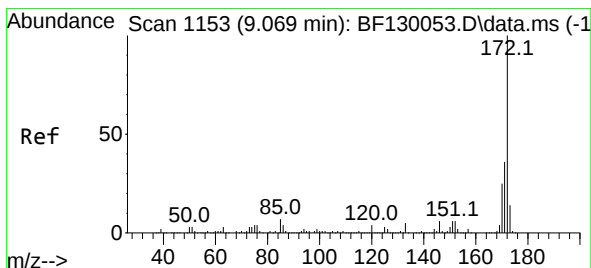
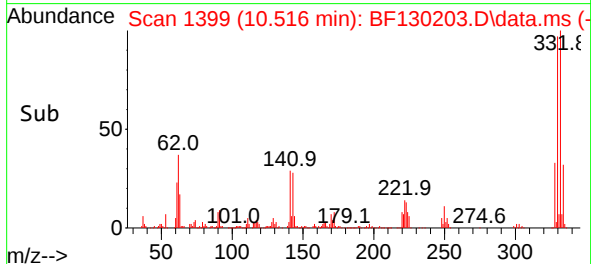
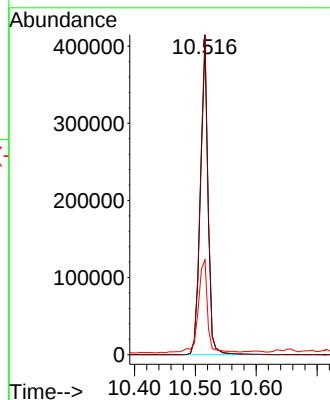
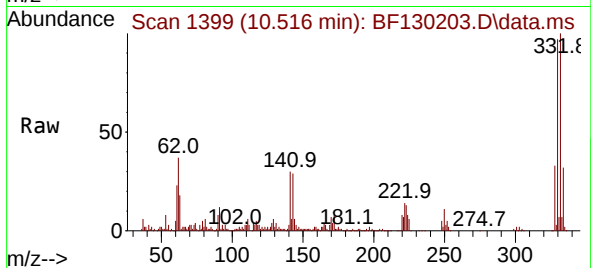
Tgt Ion:330 Resp: 354367

Ion Ratio Lower Upper

330 100

332 103.4 82.6 124.0

141 36.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 107.751 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130203.D

Acq: 09 Sep 2022 19:42

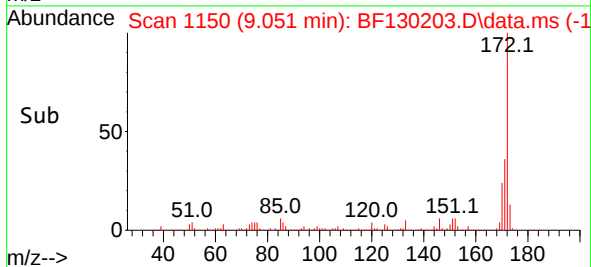
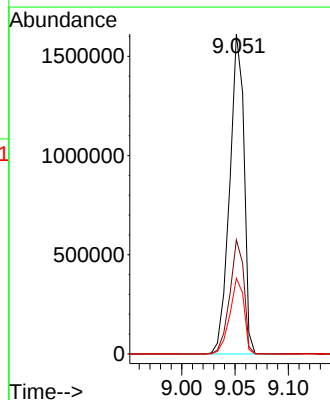
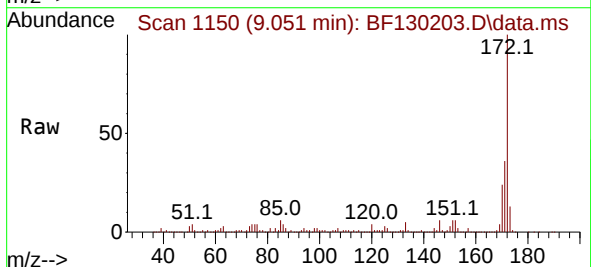
Tgt Ion:172 Resp: 1512623

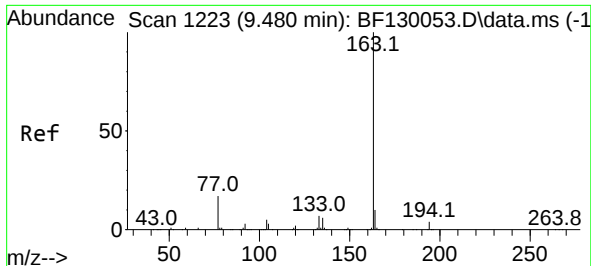
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.1 28.7

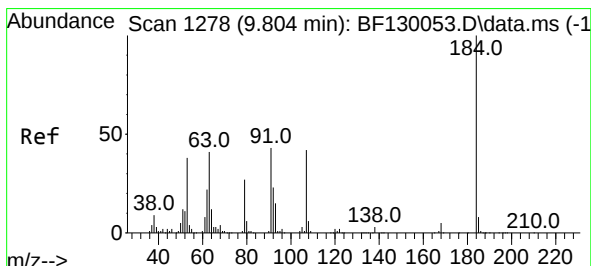
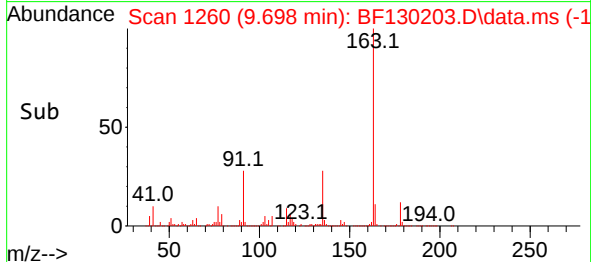
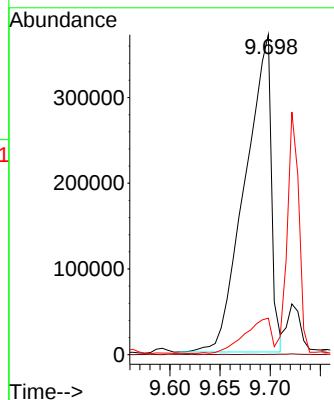
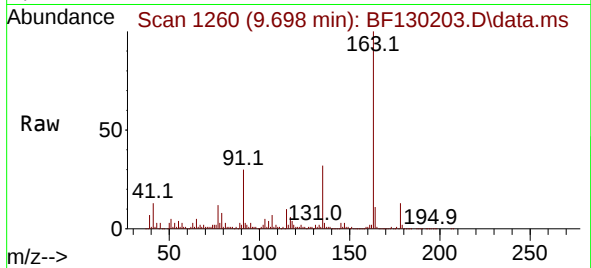




#50
Dimethylphthalate
Concen: 42.244 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.229 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

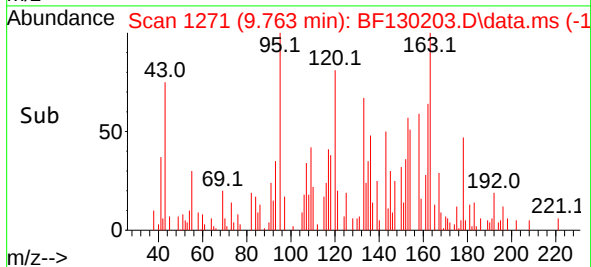
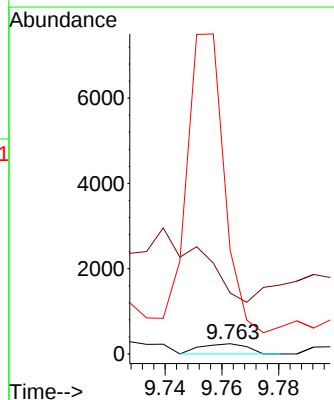
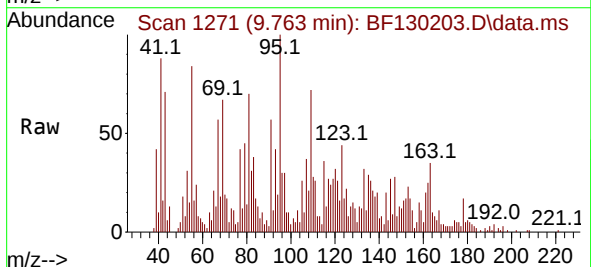
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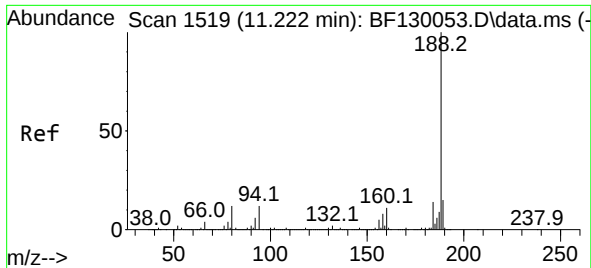
Tgt Ion:163 Resp: 669694
Ion Ratio Lower Upper
163 100
194 0.1 3.3 4.9#
164 11.4 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 8.268 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.029 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion:184 Resp: 274
Ion Ratio Lower Upper
184 100
63 592.9 59.6 89.4#
154 1012.4 55.3 82.9#

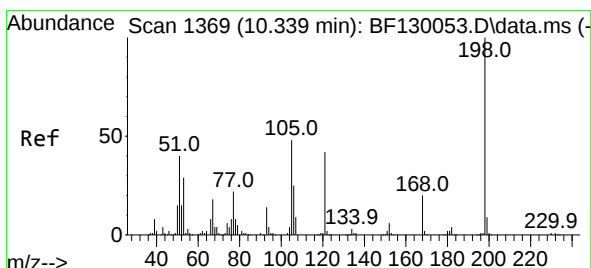
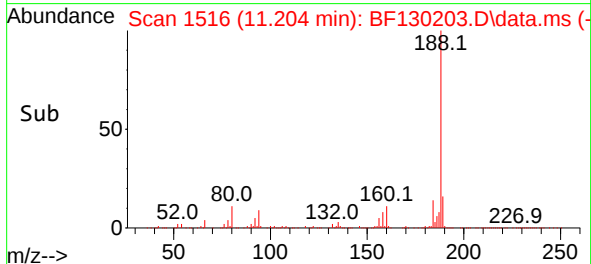
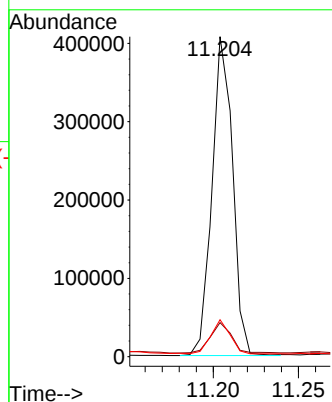
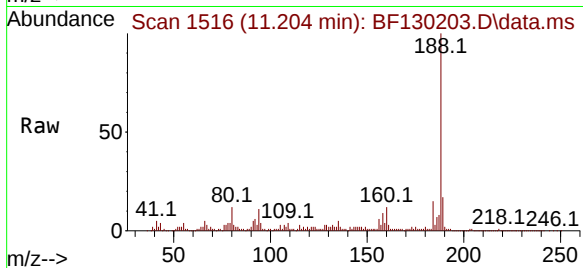




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

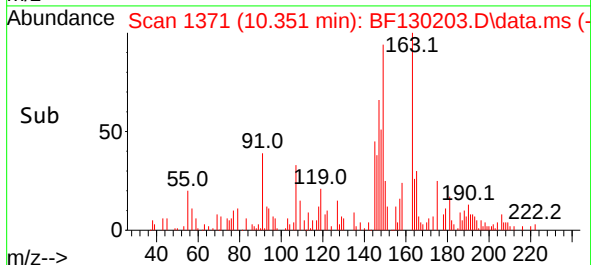
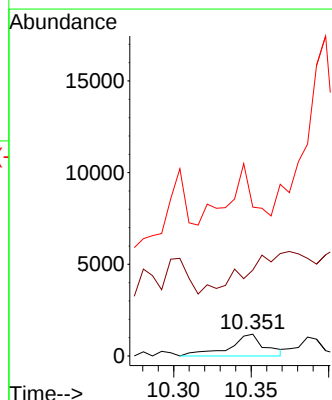
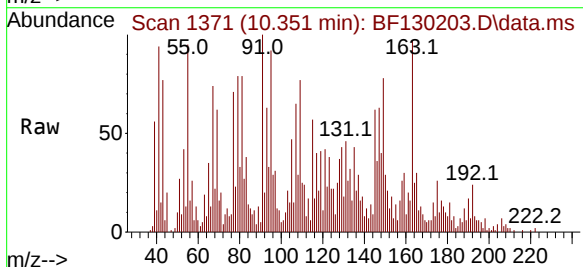
Instrument :
BNA_F
ClientSampleId :
MW-47

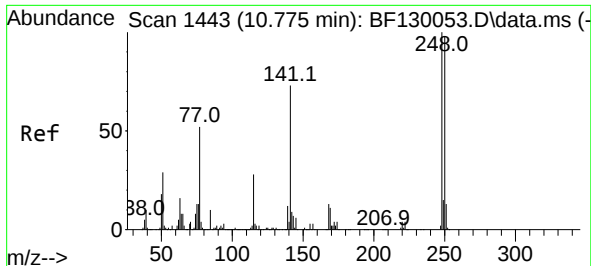
Tgt Ion:188 Resp: 342569
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.103 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.023 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion:198 Resp: 1888
Ion Ratio Lower Upper
198 100
51 394.4 29.4 69.4#
105 682.9 29.2 69.2#

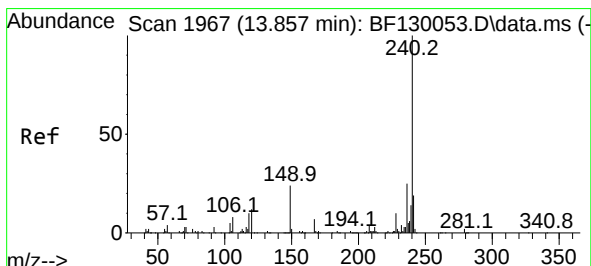
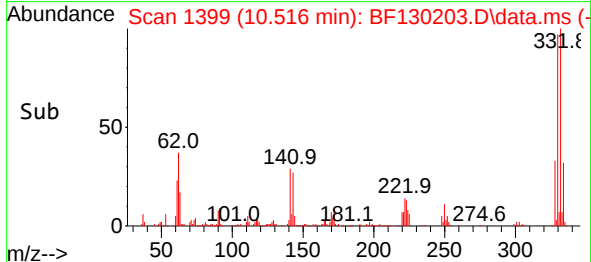
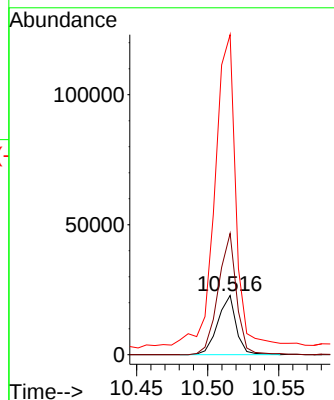
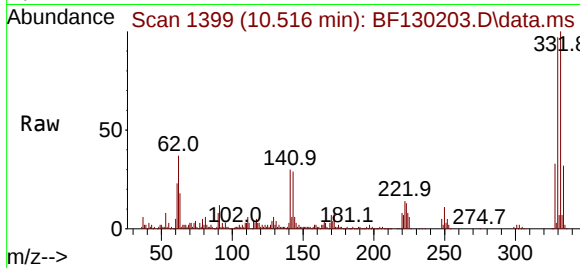




#67
4-Bromophenyl-phenylether
Concen: 5.379 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

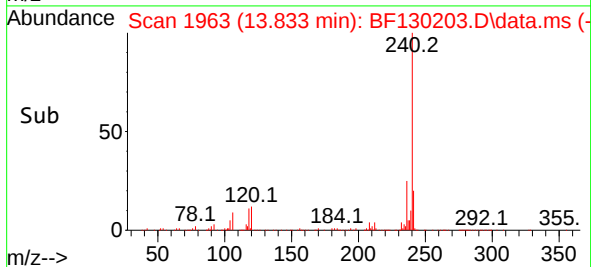
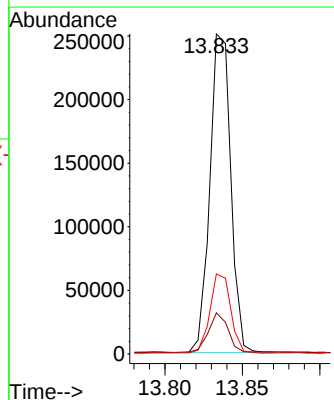
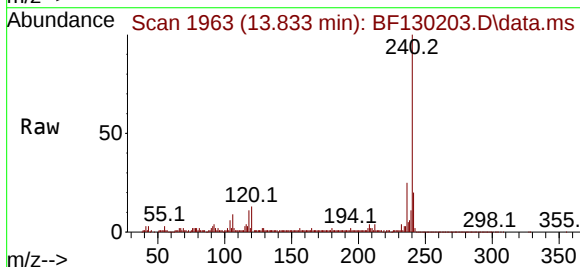
Instrument :
BNA_F
ClientSampleId :
MW-47

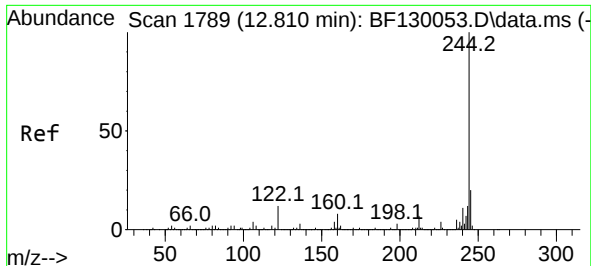
Tgt Ion:248 Resp: 20497
Ion Ratio Lower Upper
248 100
250 204.9 77.8 116.6#
141 540.2 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130203.D
Acq: 09 Sep 2022 19:42

Tgt Ion:240 Resp: 235360
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.0 20.7 31.1

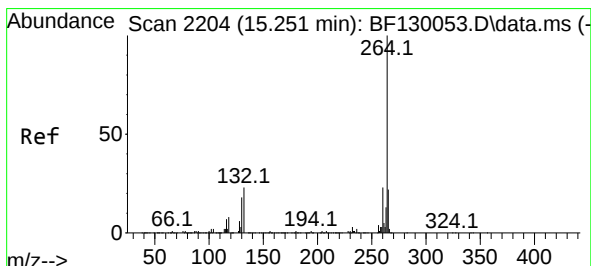
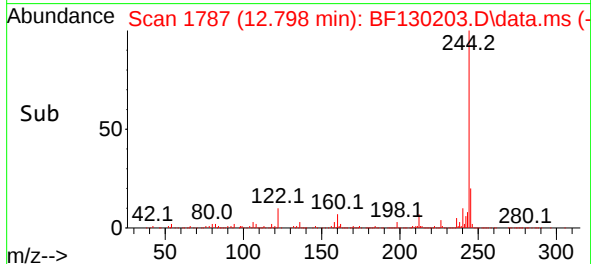
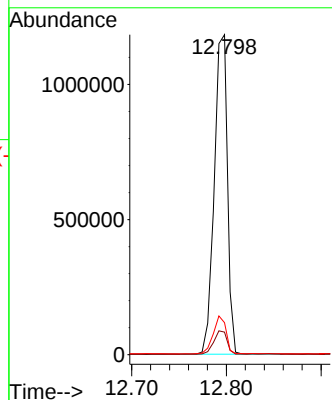
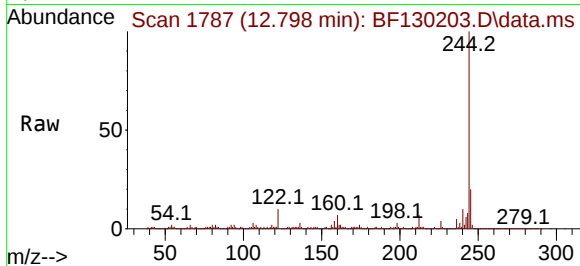




#79
 Terphenyl-d14
 Concen: 84.058 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Tgt Ion:244 Resp: 1140857
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 2202
 Delta R.T. -0.000 min
 Lab File: BF130203.D
 Acq: 09 Sep 2022 19:42

Tgt Ion:264 Resp: 277174
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.8 16.7 25.1

