

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126930.D
 Acq On : 17 Feb 2022 16:49
 Operator : CG\JU
 Sample : N1573-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23R

Quant Time: Feb 18 03:42:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

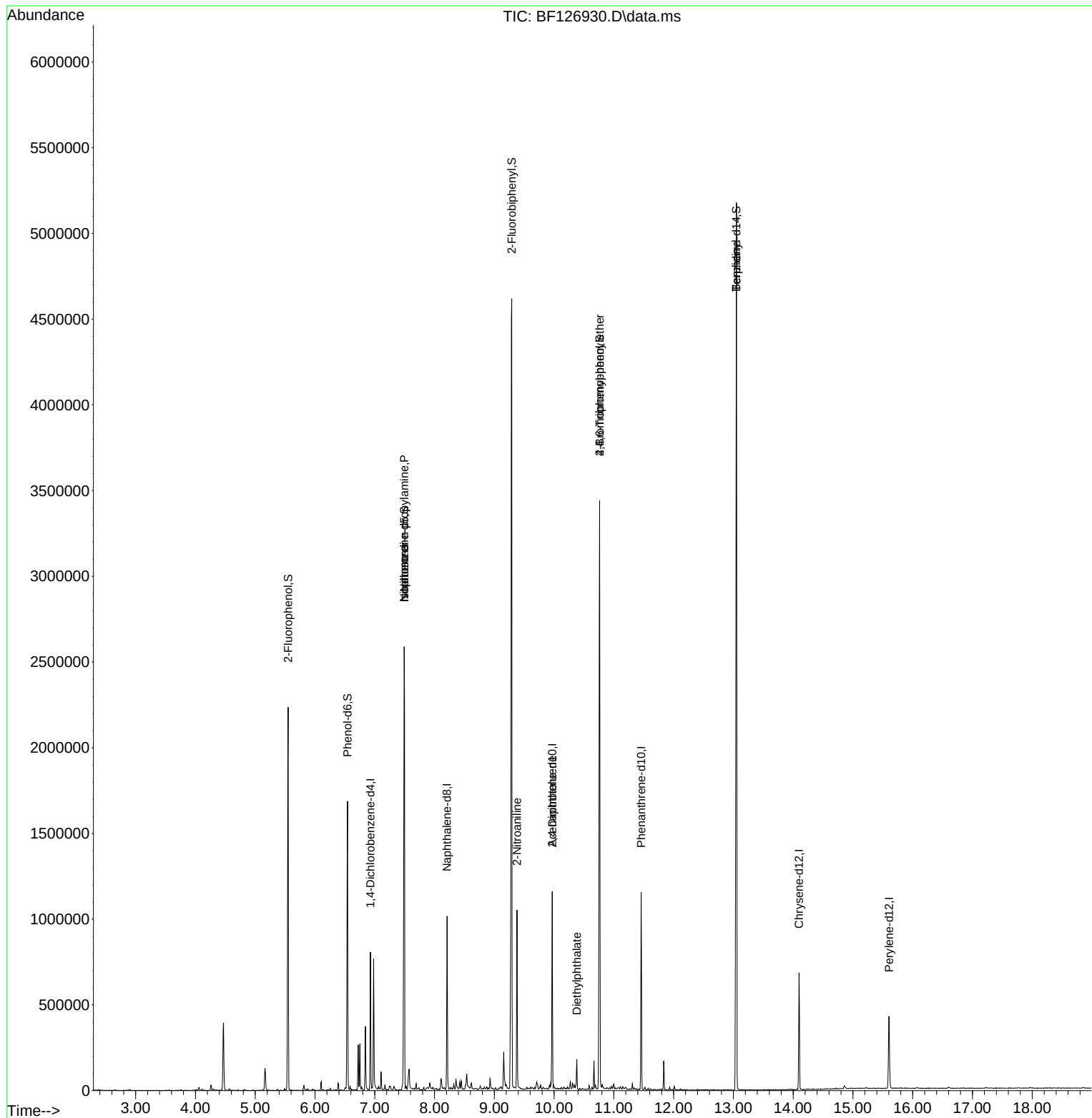
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	92258	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	379269	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	198068	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	359913	20.000	ng	0.00
76) Chrysene-d12	14.098	240	208395	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	174938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	534545	89.551	ng	0.00
7) Phenol-d6	6.545	99	518077	64.321	ng	-0.01
23) Nitrobenzene-d5	7.492	82	946378	112.630	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	396224	173.746	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1464285	108.834	ng	0.00
79) Terphenyl-d14	13.051	244	1800679	127.022	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	130306	25.107	ng	# 81
25) Isophorone	7.492	82	944184	67.907	ng	# 69
48) 2-Nitroaniline	9.380	65	16395	3.570	ng	# 19
57) 2,4-Dinitrotoluene	9.969	165	25729	6.606	ng	# 15
60) Diethylphthalate	10.380	149	48143	3.254	ng	98
67) 4-Bromophenyl-phenylether	10.763	248	23240	5.779	ng	# 1
77) Benzidine	13.051	184	26915	4.753	ng	# 94

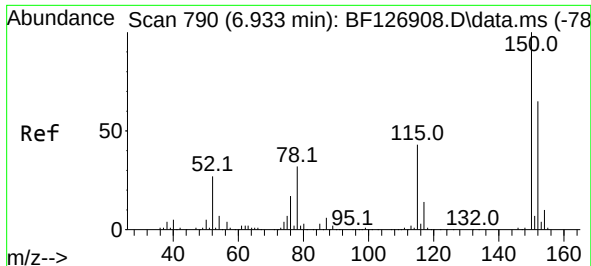
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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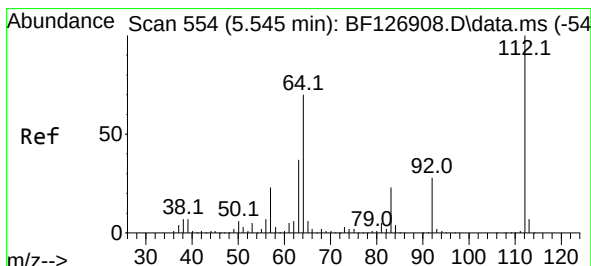
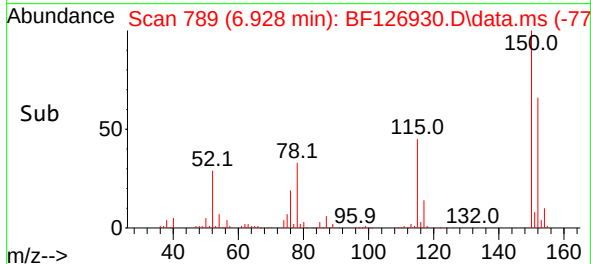
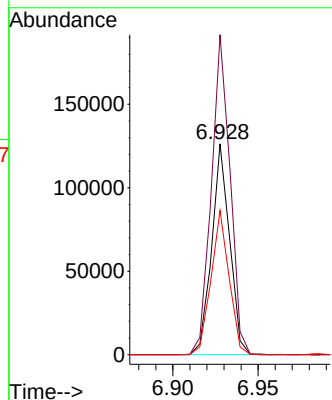
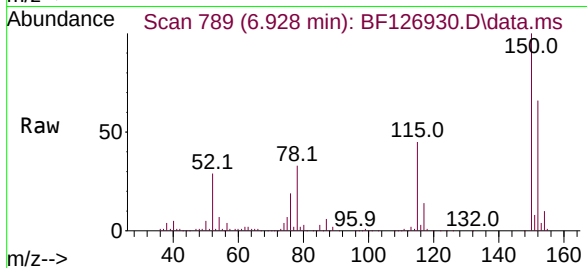




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 790
 Delta R.T. -0.005 min
 Lab File: BF126930.D
 Acq: 17 Feb 2022 16:49

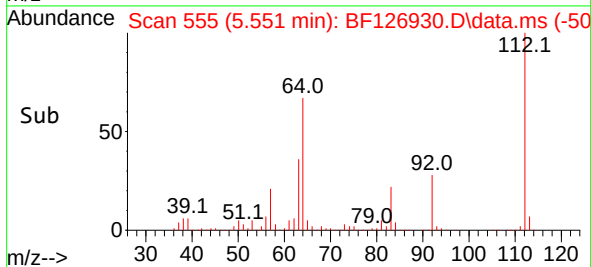
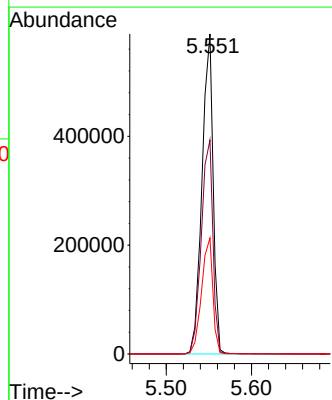
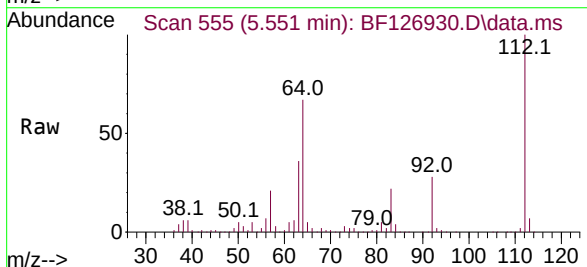
Instrument :
 BNA_F
 ClientSampleId :
 MW-23R

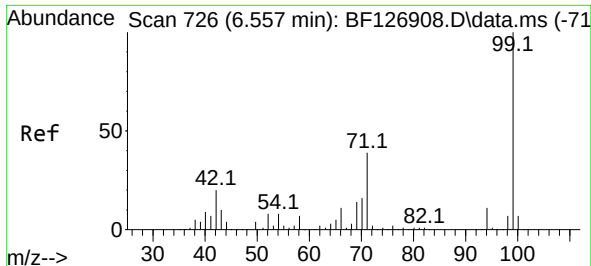
Tgt Ion:152 Resp: 92258
 Ion Ratio Lower Upper
 152 100
 150 151.8 128.1 192.1
 115 68.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 89.551 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: BF126930.D
 Acq: 17 Feb 2022 16:49

Tgt Ion:112 Resp: 534545
 Ion Ratio Lower Upper
 112 100
 64 66.8 49.5 74.3
 63 36.2 23.9 35.9#

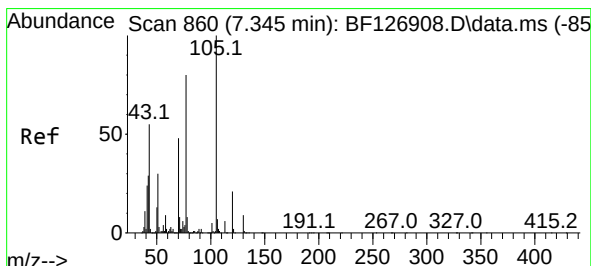
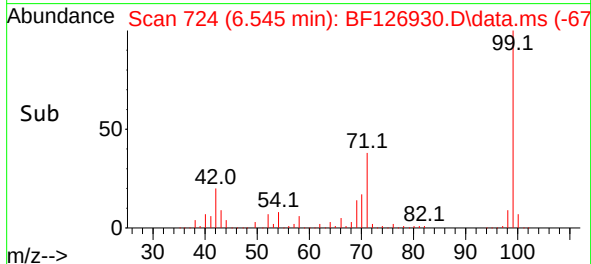
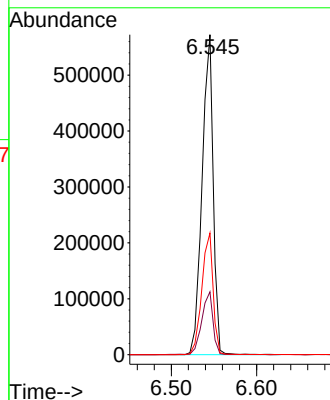
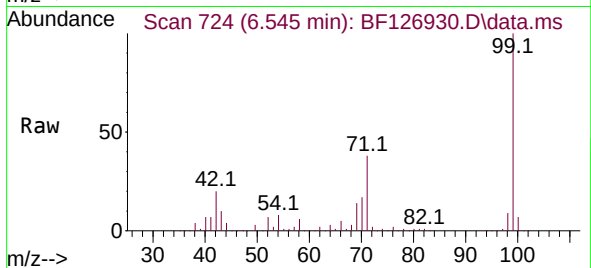




#7
Phenol-d6
Concen: 64.321 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

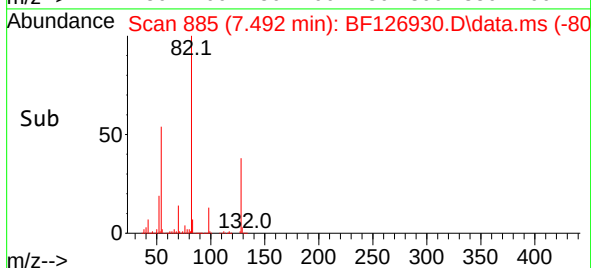
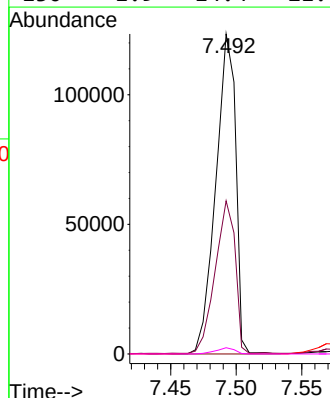
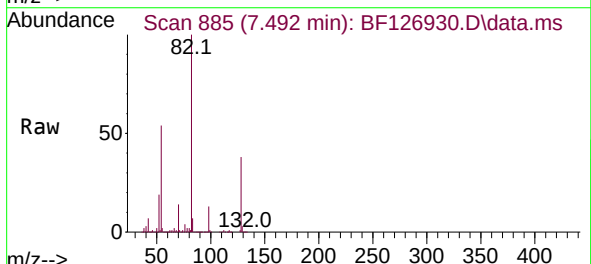
Instrument :
BNA_F
ClientSampleId :
MW-23R

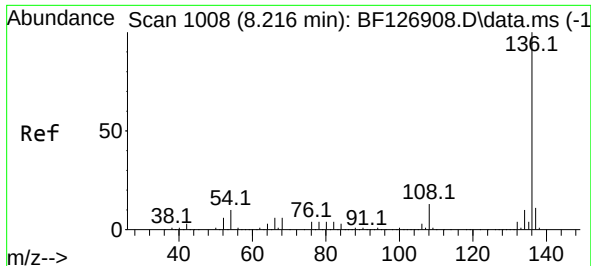
Tgt Ion: 99 Resp: 518077
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 38.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 25.107 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

Tgt Ion: 70 Resp: 130306
Ion Ratio Lower Upper
70 100
42 47.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

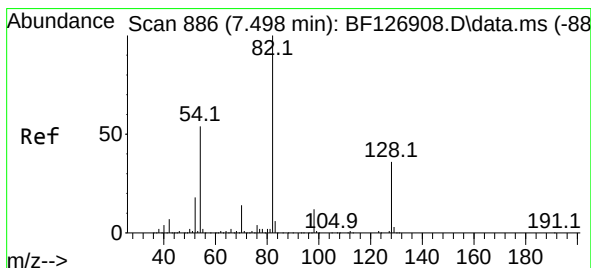
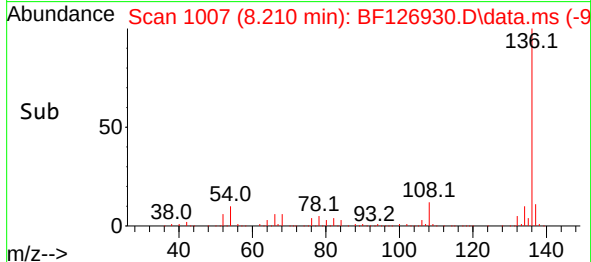
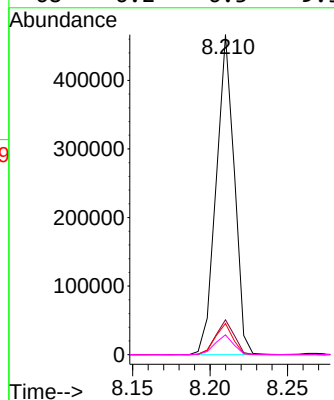
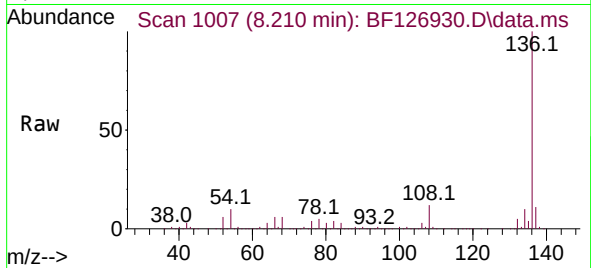




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

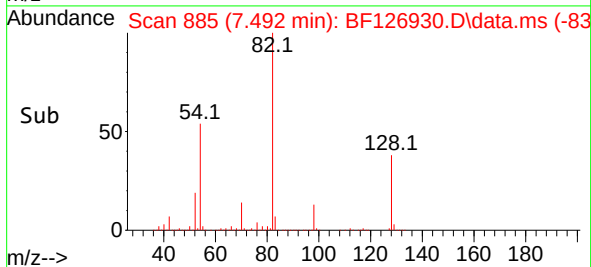
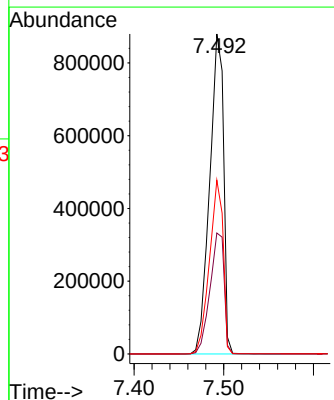
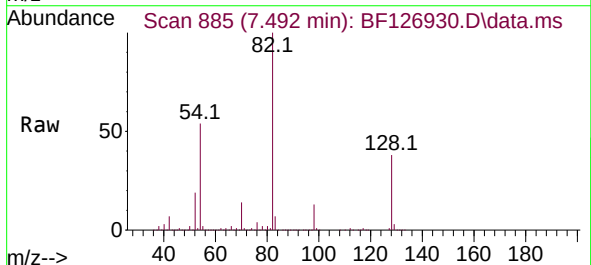
Instrument :
BNA_F
ClientSampleId :
MW-23R

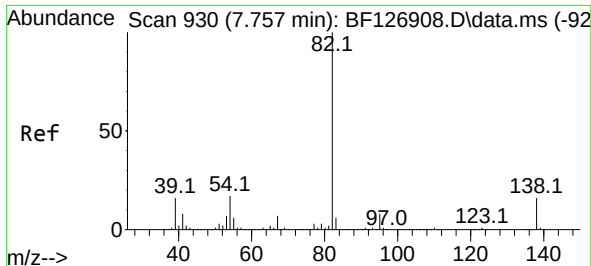
Tgt Ion:136	Resp: 379269
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 9.8	7.8 11.6
68 6.2	6.3 9.5#



#23
Nitrobenzene-d5
Concen: 112.630 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

Tgt Ion: 82	Resp: 946378
Ion Ratio	Lower Upper
82 100	
128 37.8	32.7 49.1
54 54.3	41.7 62.5

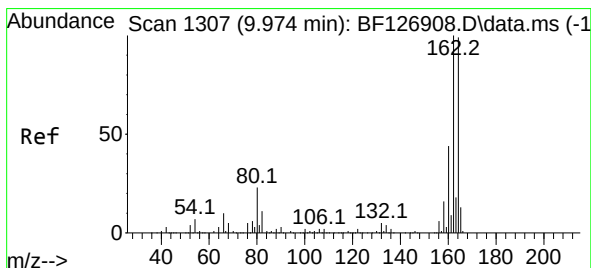
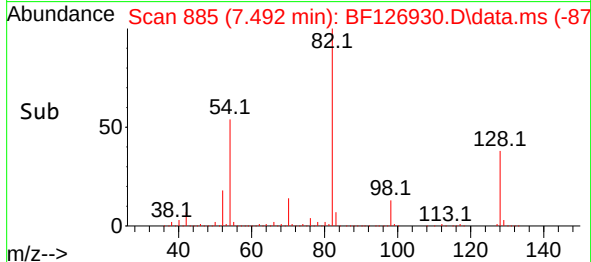
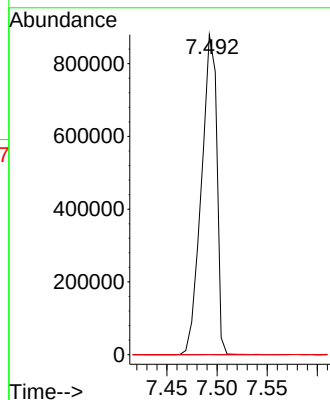
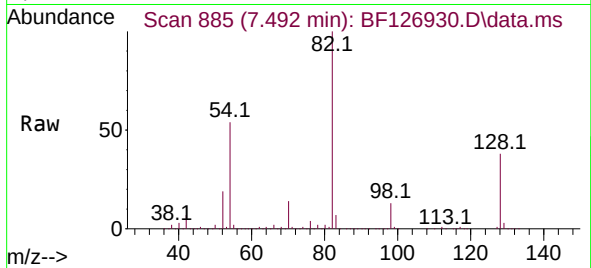




#25
Isophorone
Concen: 67.907 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

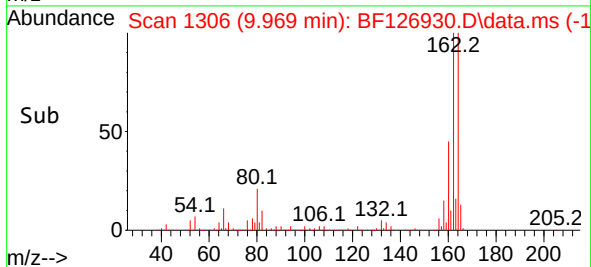
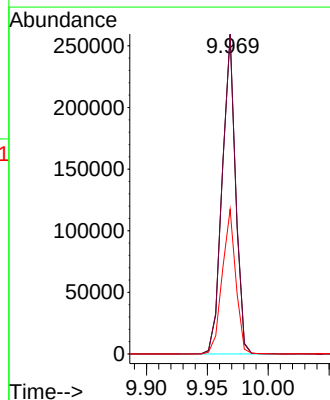
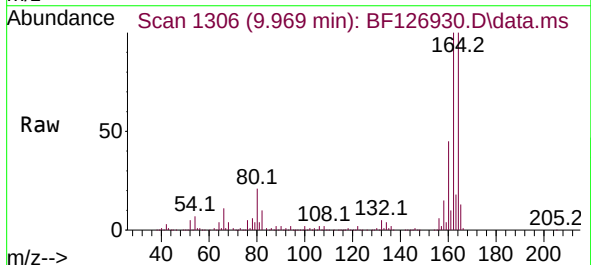
Instrument :
BNA_F
ClientSampleId :
MW-23R

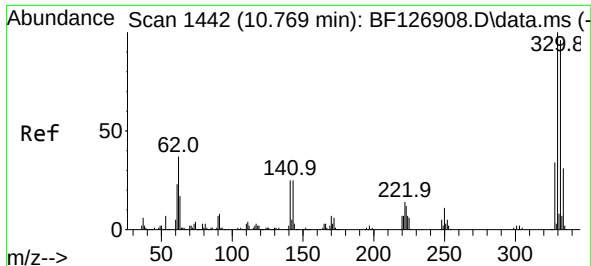
Tgt Ion: 82 Resp: 944184
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

Tgt Ion:164 Resp: 198068
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 173.746 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126930.D

Acq: 17 Feb 2022 16:49

Instrument :

BNA_F

ClientSampleId :

MW-23R

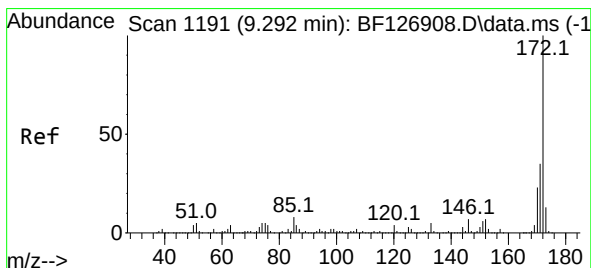
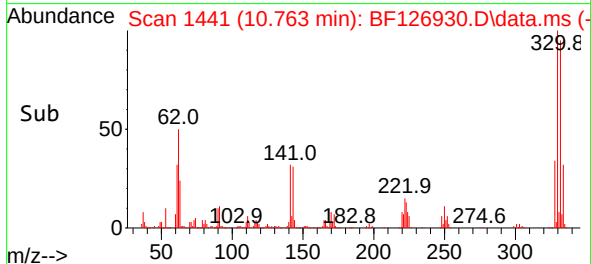
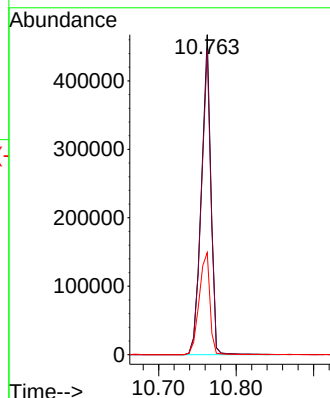
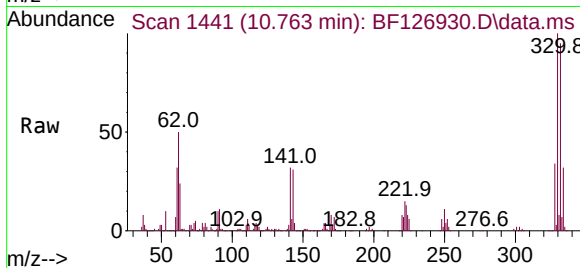
Tgt Ion:330 Resp: 396224

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 36.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 108.834 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126930.D

Acq: 17 Feb 2022 16:49

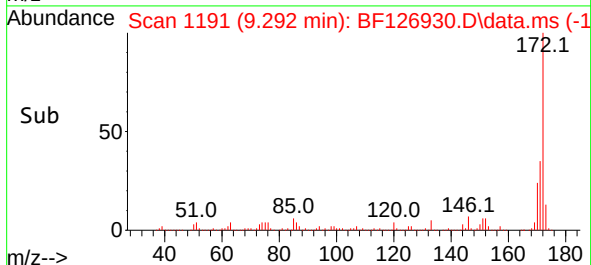
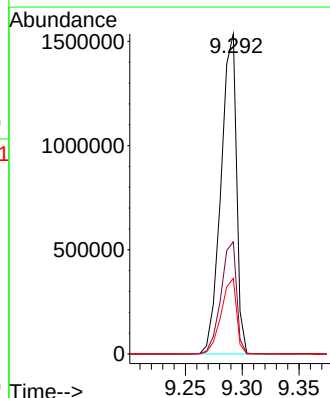
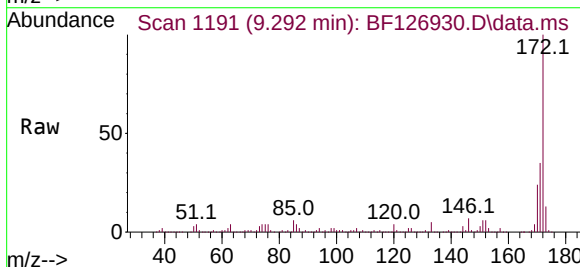
Tgt Ion:172 Resp: 1464285

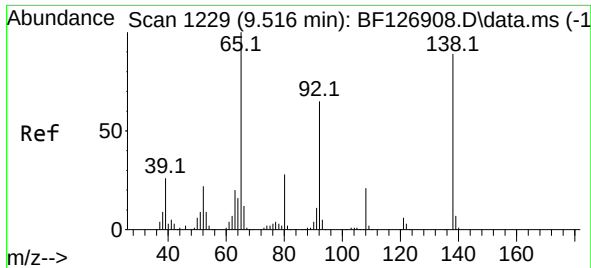
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 19.0 28.6

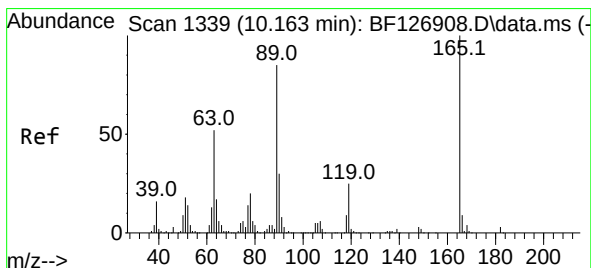
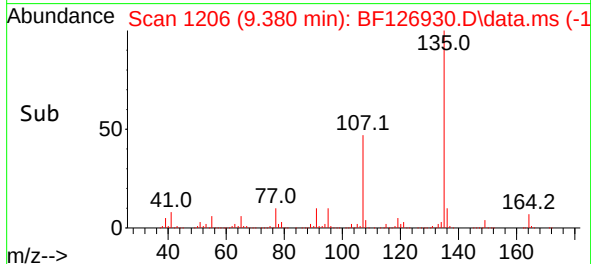
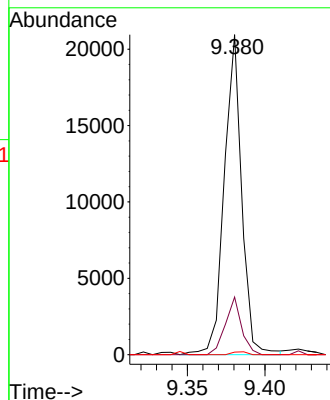
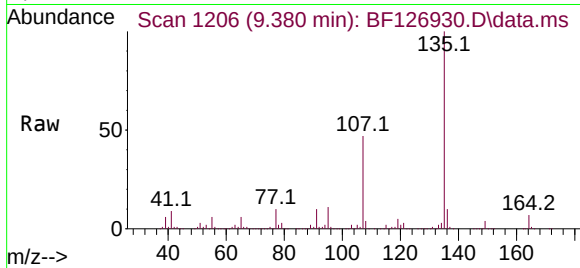




#48
2-Nitroaniline
Concen: 3.570 ng
RT: 9.380 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

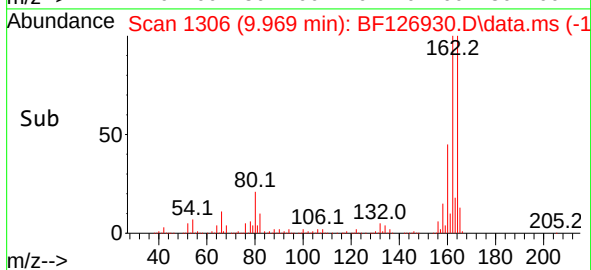
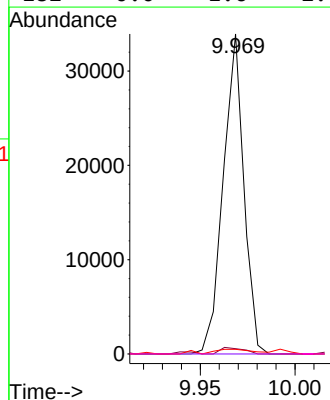
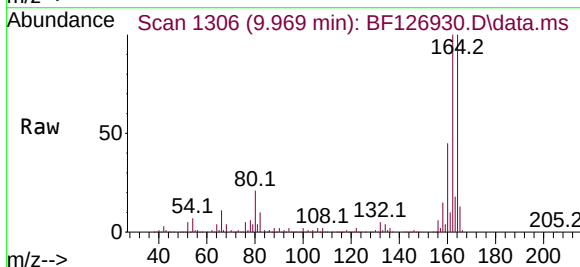
Instrument :
BNA_F
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MW-23R

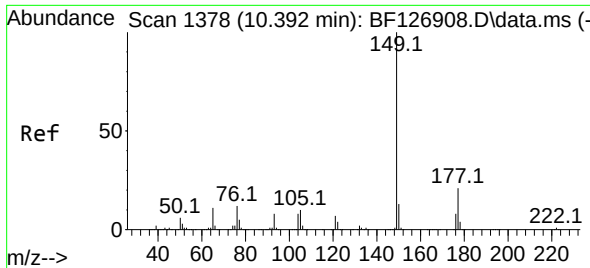
Tgt Ion: 65 Resp: 16395
Ion Ratio Lower Upper
65 100
92 18.0 54.4 81.6#
138 0.8 72.5 108.7#



#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

Tgt Ion:165 Resp: 25729
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

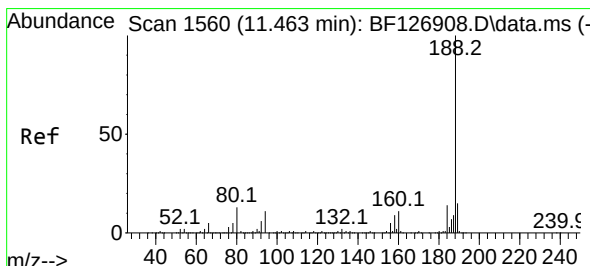
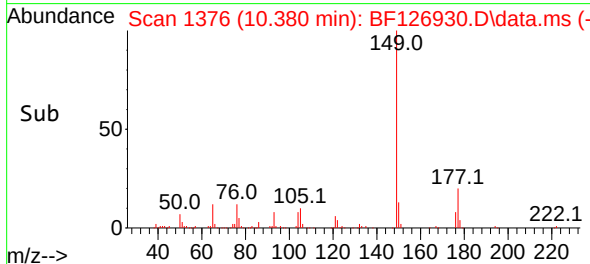
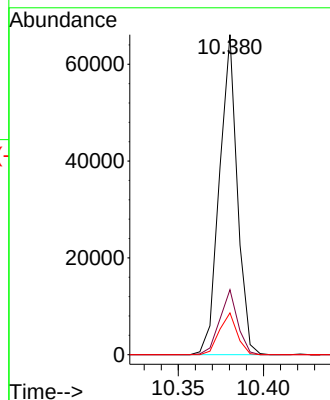
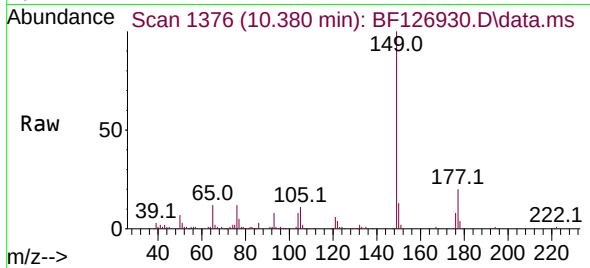




#60
Diethylphthalate
Concen: 3.254 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

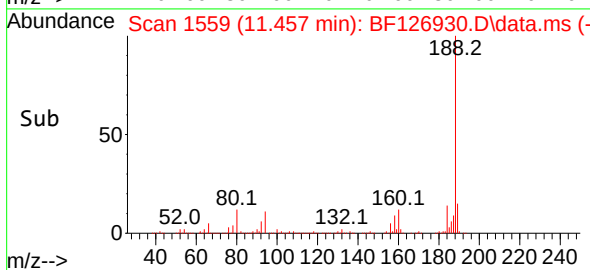
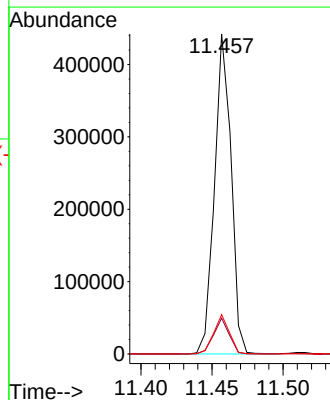
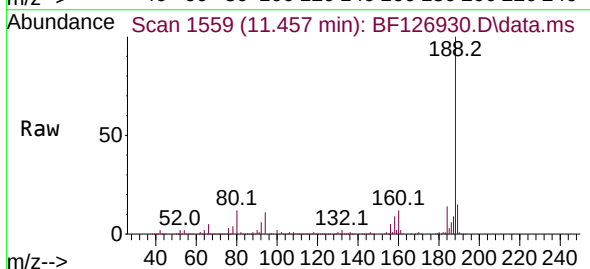
Instrument :
BNA_F
ClientSampleId :
MW-23R

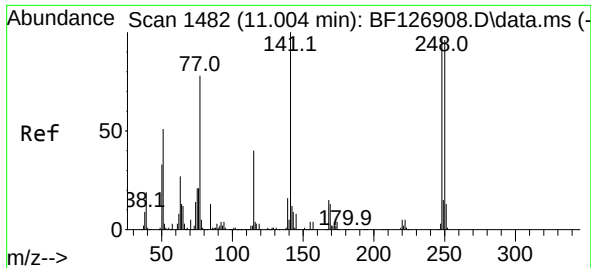
Tgt Ion:149 Resp: 48143
Ion Ratio Lower Upper
149 100
177 20.3 16.7 25.1
150 13.1 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

Tgt Ion:188 Resp: 359913
Ion Ratio Lower Upper
188 100
94 11.2 10.1 15.1
80 12.3 11.8 17.6

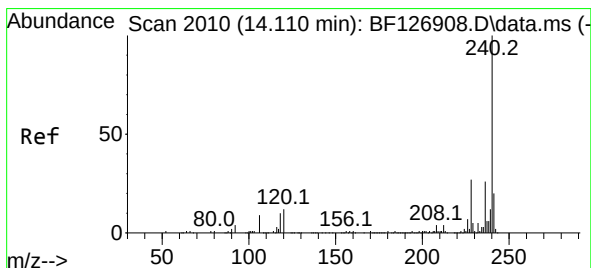
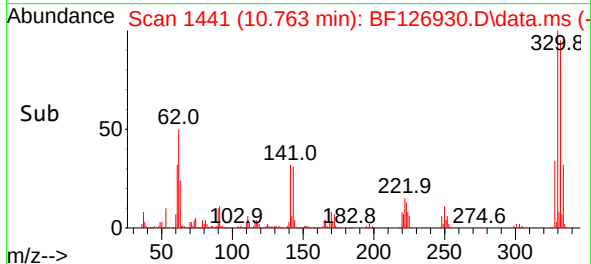
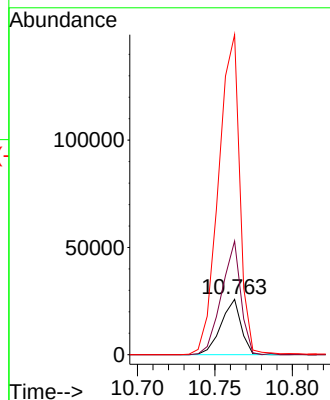
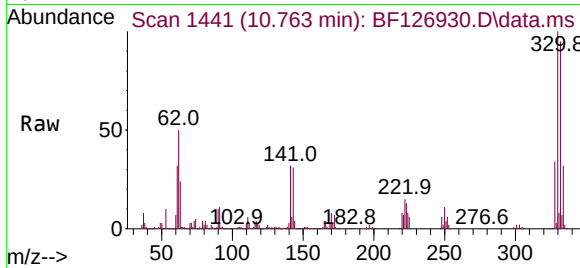




#67
4-Bromophenyl-phenylether
Concen: 5.779 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

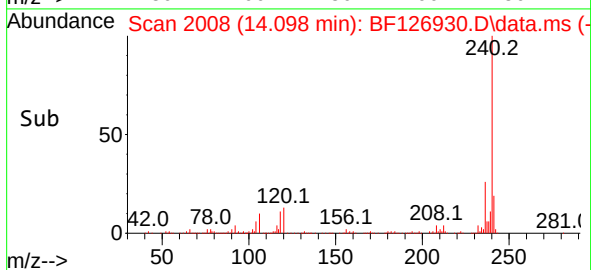
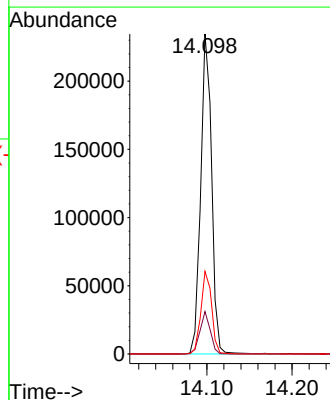
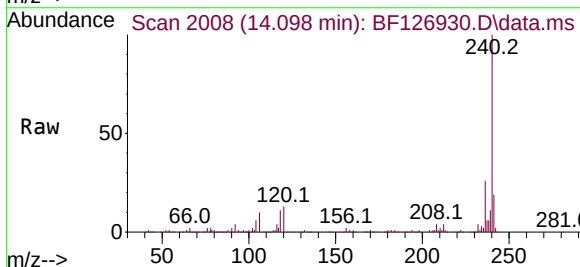
Instrument :
BNA_F
ClientSampleId :
MW-23R

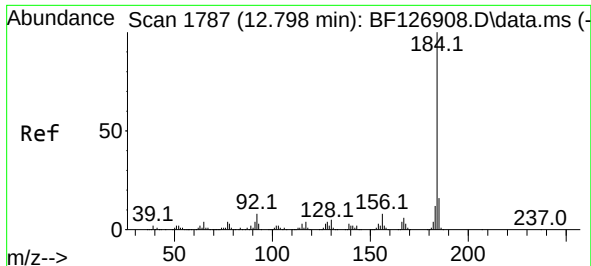
Tgt Ion:248 Resp: 23240
Ion Ratio Lower Upper
248 100
250 205.0 76.2 114.4#
141 577.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

Tgt Ion:240 Resp: 208395
Ion Ratio Lower Upper
240 100
120 13.2 14.4 21.6#
236 25.8 20.5 30.7

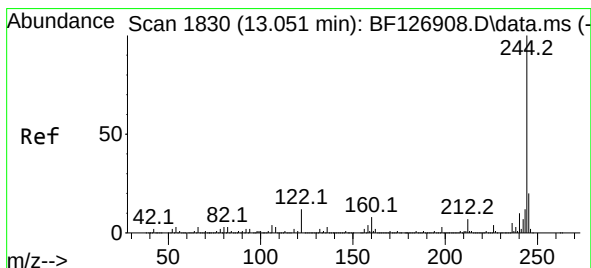
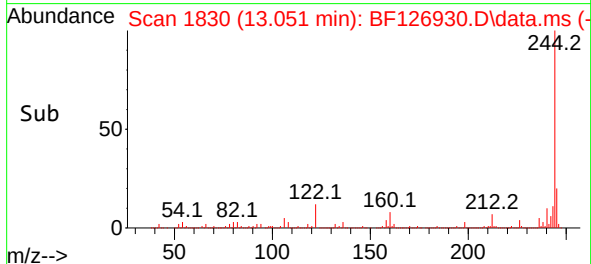
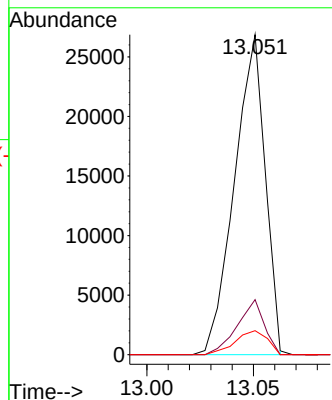
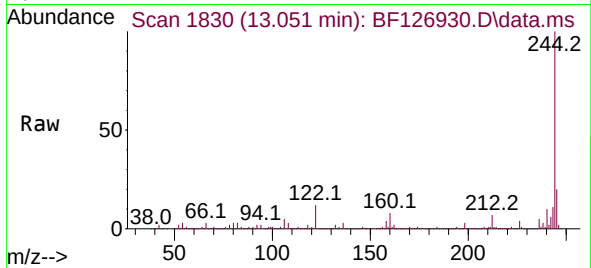




#77
Benzidine
Concen: 4.753 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

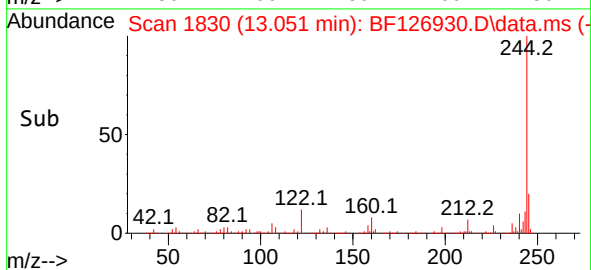
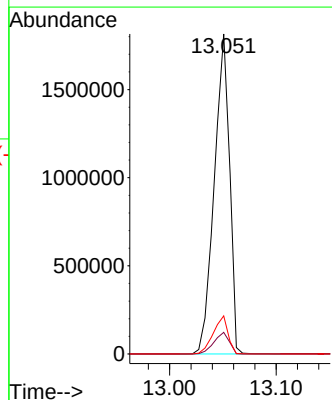
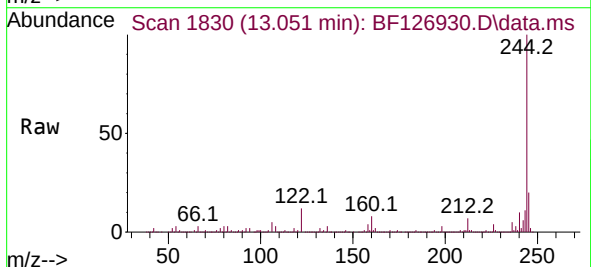
Instrument :
BNA_F
ClientSampleId :
MW-23R

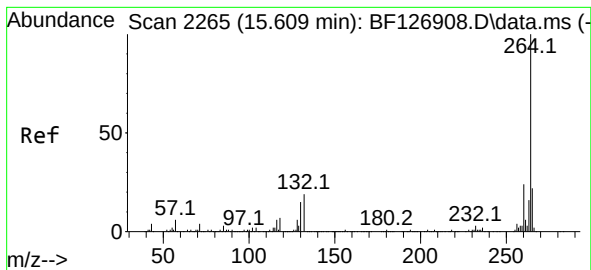
Tgt Ion:184 Resp: 26915
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.8
183 7.5 8.2 12.2#



#79
Terphenyl-d14
Concen: 127.022 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

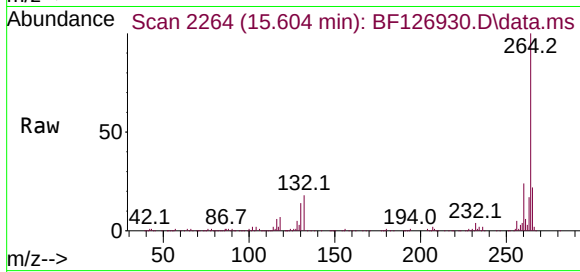
Tgt Ion:244 Resp: 1800679
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.9 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126930.D
Acq: 17 Feb 2022 16:49

Instrument :
BNA_F
ClientSampleId :
MW-23R



Tgt Ion:264 Resp: 174938

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.4	26.2

