

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130127.D
 Acq On : 02 Sep 2022 23:40
 Operator : CG\JU
 Sample : N4446-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Sep 03 05:54:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

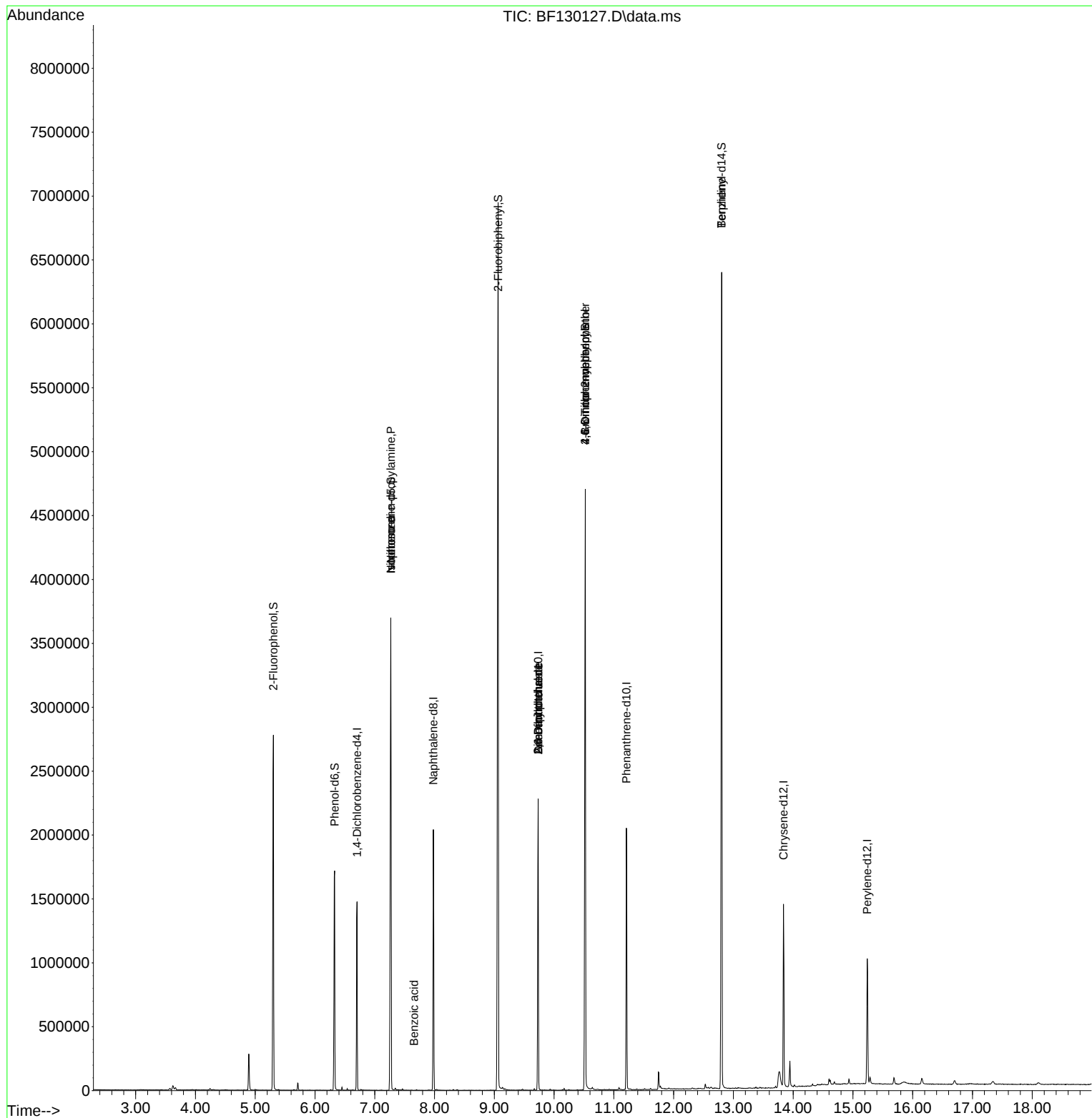
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	222497	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	875595	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	456642	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	720431	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	434766	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	410657	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	831980	63.480	ng	0.00
7) Phenol-d6	6.328	99	633656	38.780	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1370401	100.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	611690	147.157	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2361211	85.730	ng	0.00
79) Terphenyl-d14	12.804	244	2285457	91.159	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	175605	17.839	ng	# 74
25) Isophorone	7.269	82	1365250	49.509	ng	# 65
32) Benzoic acid	7.657	122	125	6.584	ng	# 1
50) Dimethylphthalate	9.733	163	85362	2.745	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	58515	9.649	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	58515	8.381	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1307	6.417	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	36195	4.517	ng	# 1
77) Benzidine	12.804	184	31154	2.654	ng	# 93

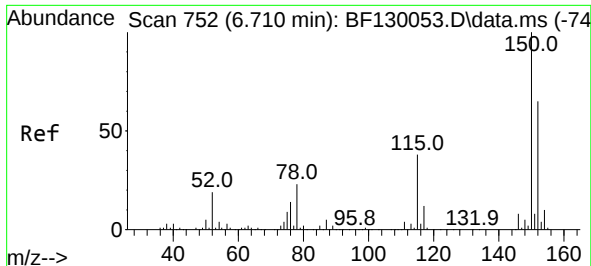
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

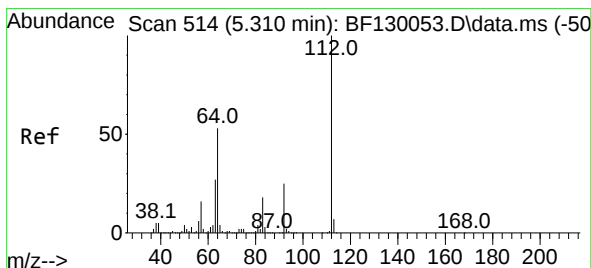
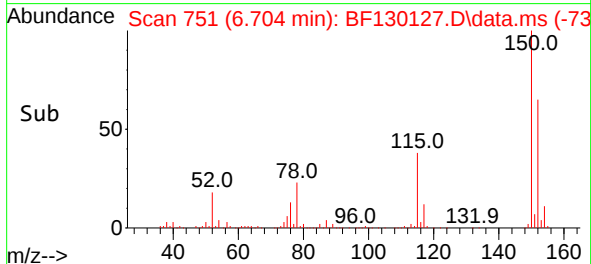
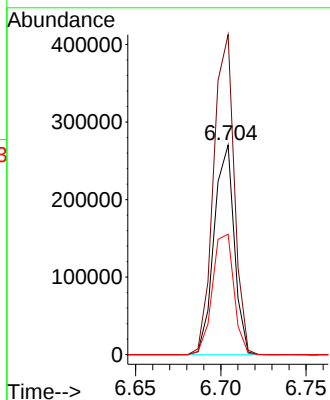
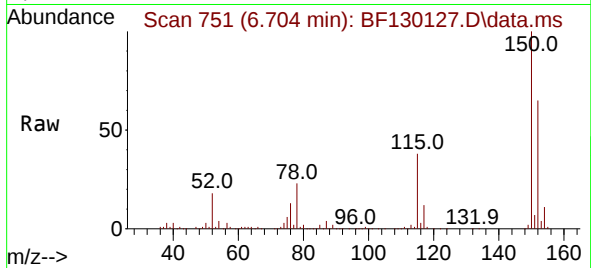




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

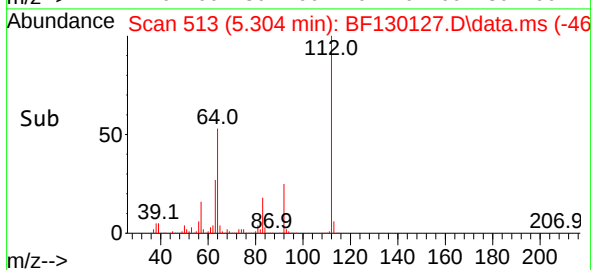
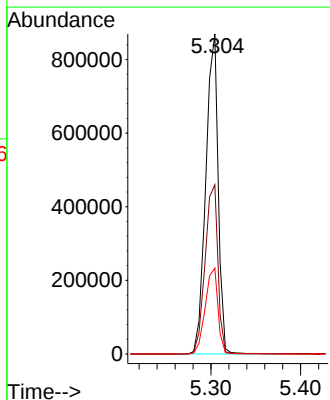
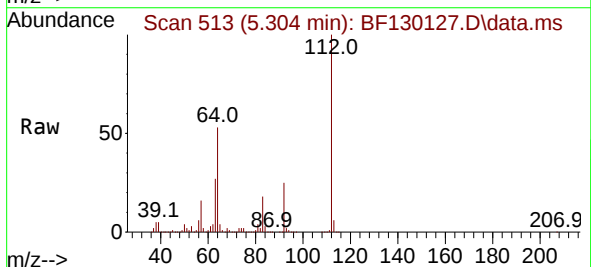
Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 222497
Ion Ratio Lower Upper
152 100
150 152.7 126.9 190.3
115 57.5 53.4 80.0



#5
2-Fluorophenol
Concen: 63.480 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:112 Resp: 831980
Ion Ratio Lower Upper
112 100
64 52.9 47.6 71.4
63 26.8 24.6 37.0

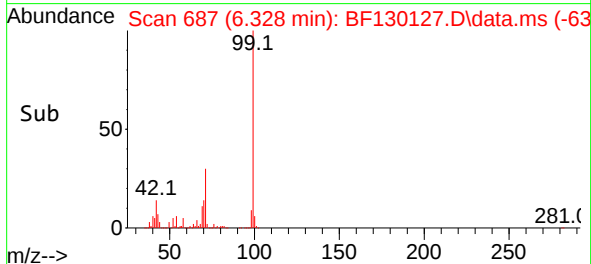
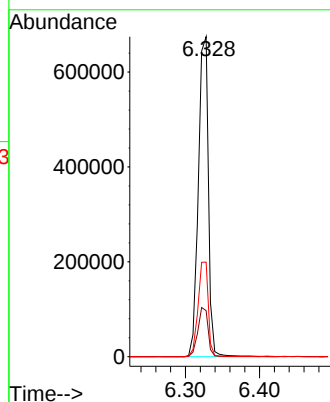
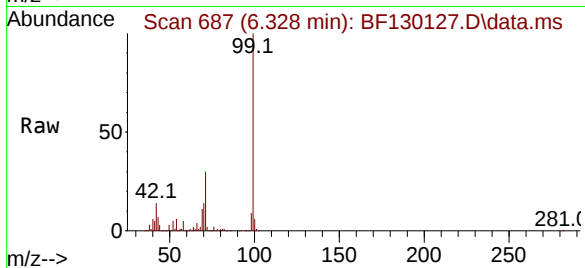




#7
Phenol-d6
Concen: 38.780 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

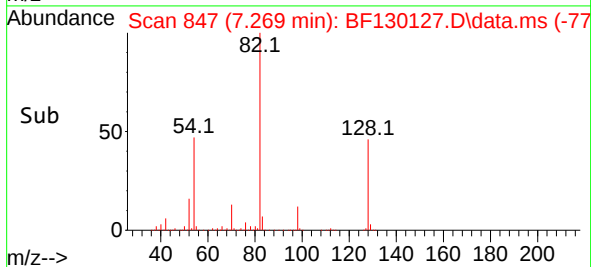
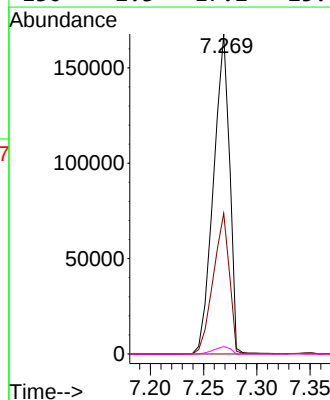
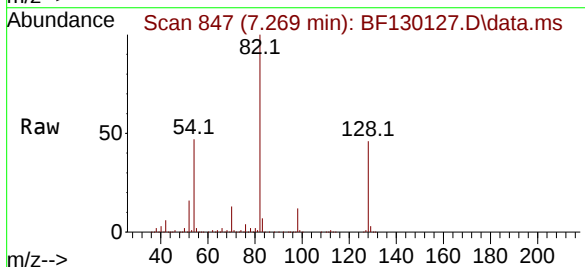
Instrument :
BNA_F
ClientSampleId :
MW-04

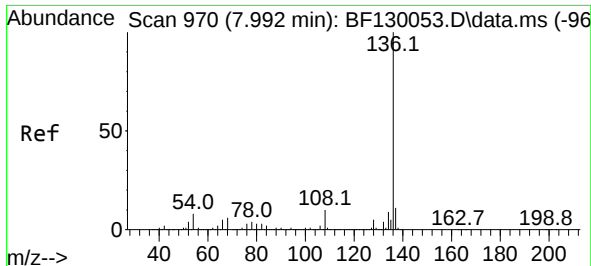
Tgt Ion: 99 Resp: 633656
Ion Ratio Lower Upper
99 100
42 14.4 15.0 22.4#
71 29.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.839 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion: 70 Resp: 175605
Ion Ratio Lower Upper
70 100
42 44.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

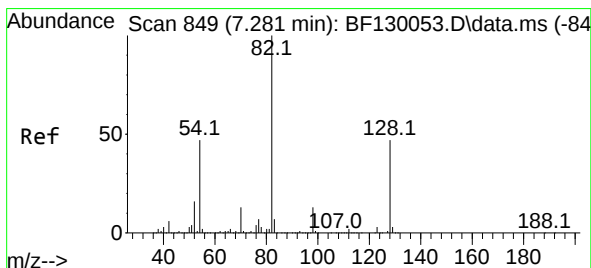
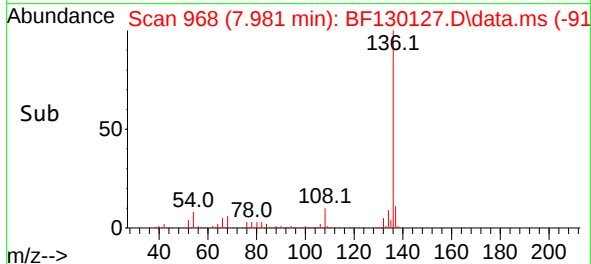
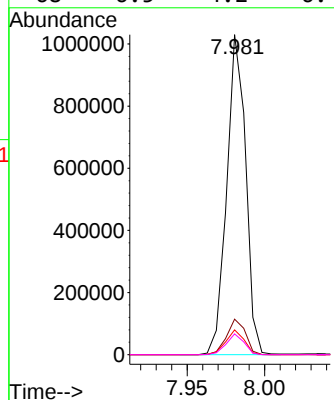
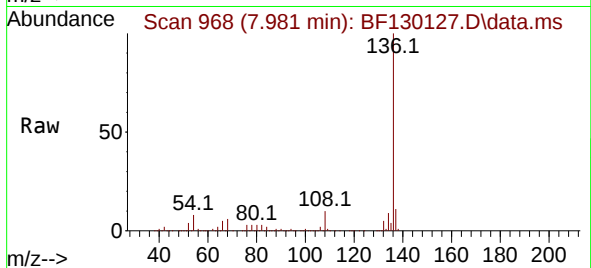




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

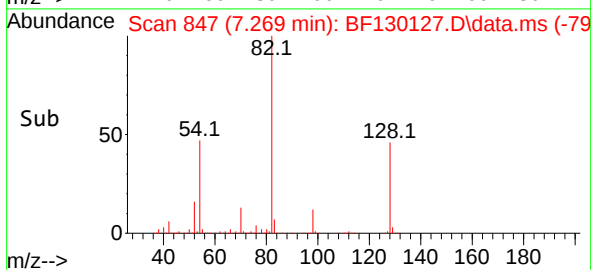
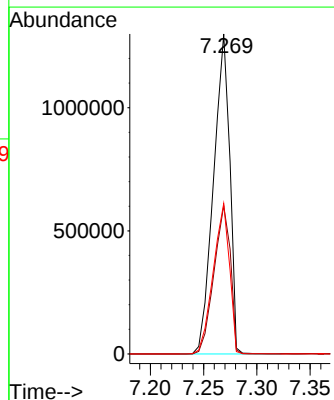
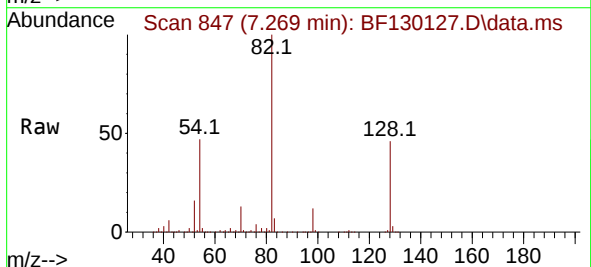
Instrument :
BNA_F
ClientSampleId :
MW-04

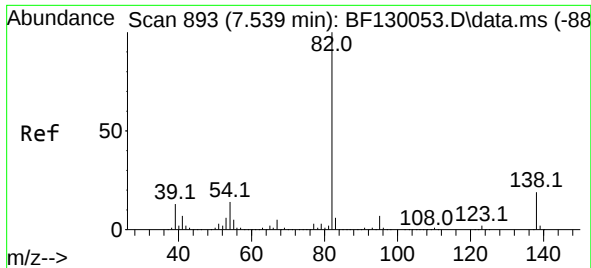
Tgt Ion:	136	Resp:	875595
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.8	6.2	9.2
68	6.5	4.2	6.4



#23
Nitrobenzene-d5
Concen: 100.583 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:	82	Resp:	1370401
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	47.0	40.0	60.0

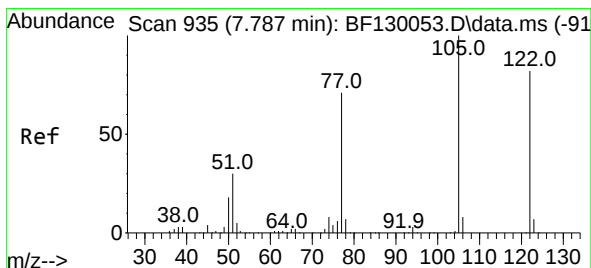
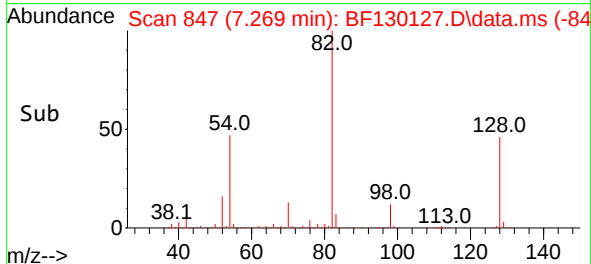
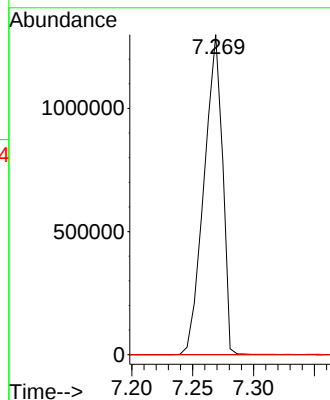
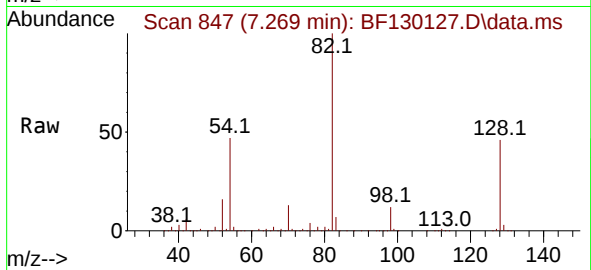




#25
Isophorone
Concen: 49.509 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

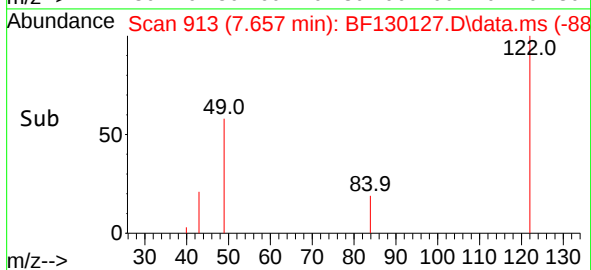
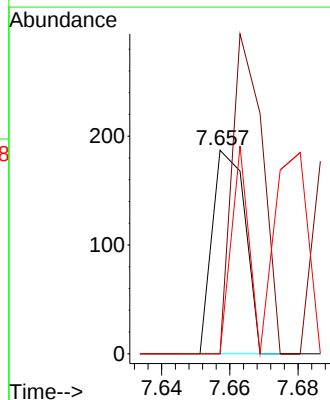
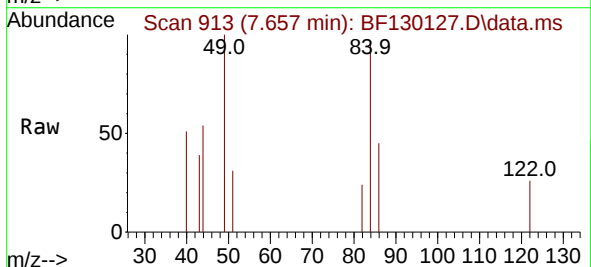
Instrument :
BNA_F
ClientSampleId :
MW-04

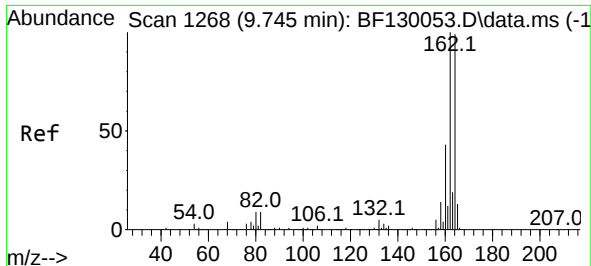
Tgt Ion: 82 Resp: 1365250
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.584 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.130 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion: 122 Resp: 125
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#

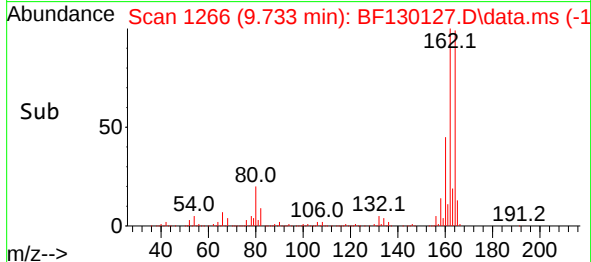
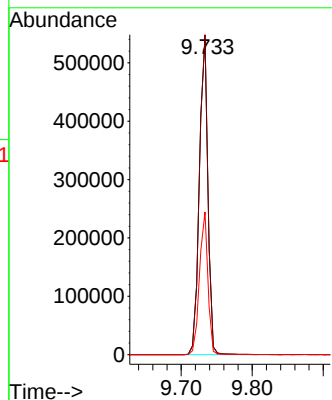
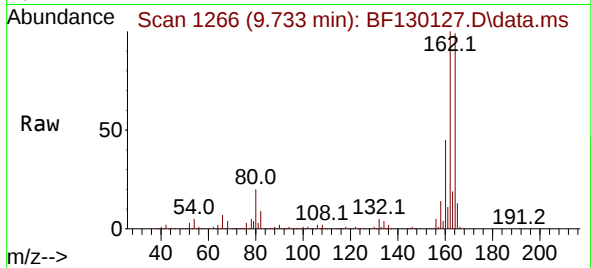




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

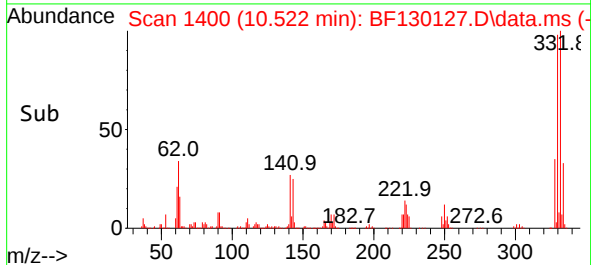
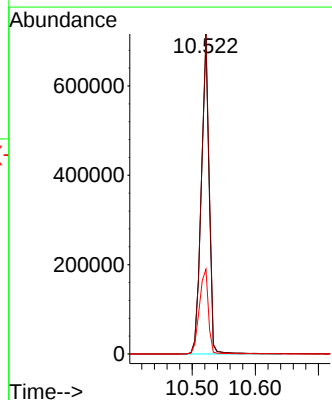
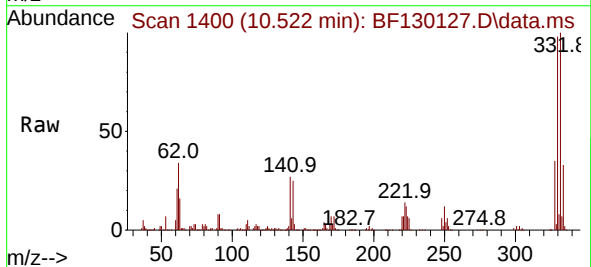
Instrument :
BNA_F
ClientSampleId :
MW-04

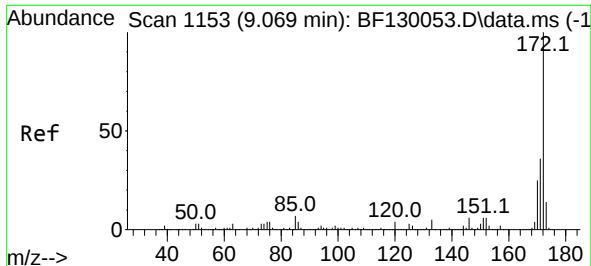
Tgt Ion:164 Resp: 456642
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 147.157 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:330 Resp: 611690
Ion Ratio Lower Upper
330 100
332 102.0 82.6 124.0
141 30.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.730 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

Instrument :

BNA_F

ClientSampleId :

MW-04

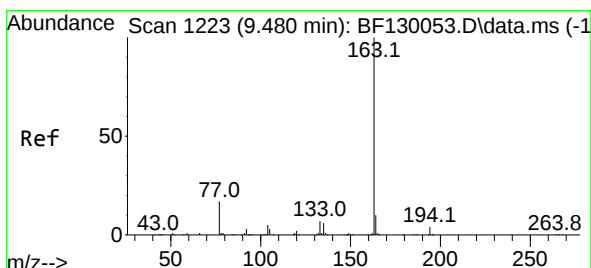
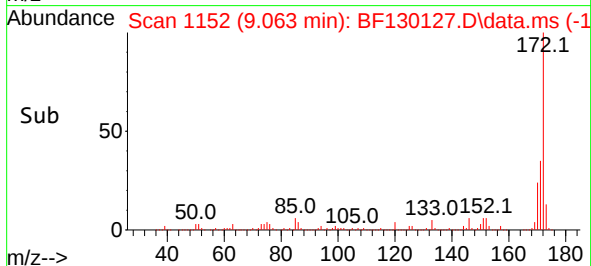
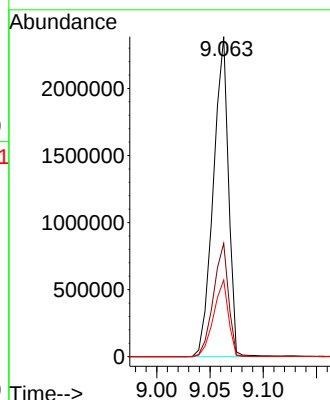
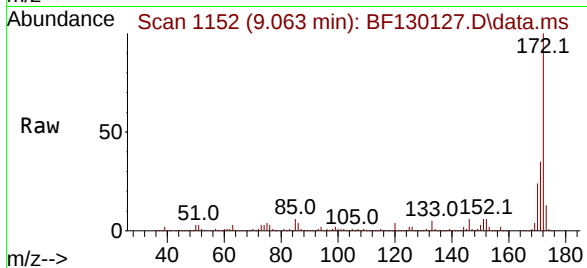
Tgt Ion:172 Resp: 2361211

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.0 19.1 28.7



#50

Dimethylphthalate

Concen: 2.745 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

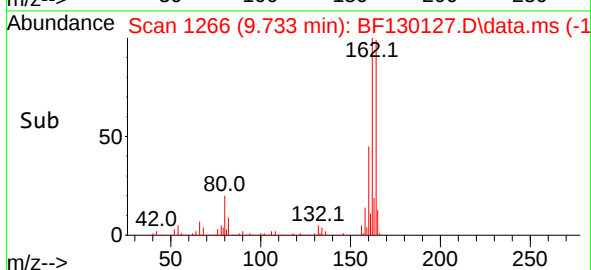
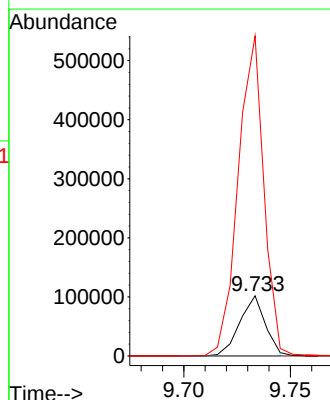
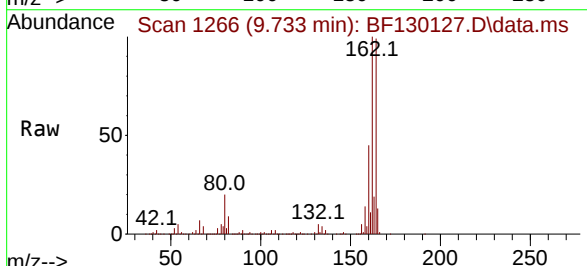
Tgt Ion:163 Resp: 85362

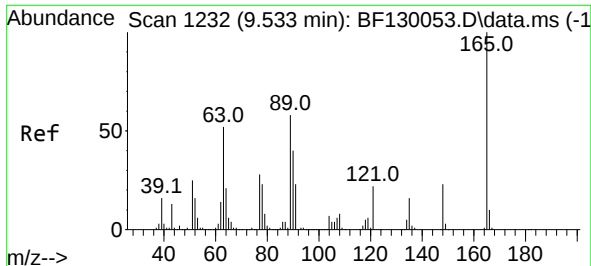
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 532.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.649 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

Instrument :

BNA_F

ClientSampleId :

MW-04

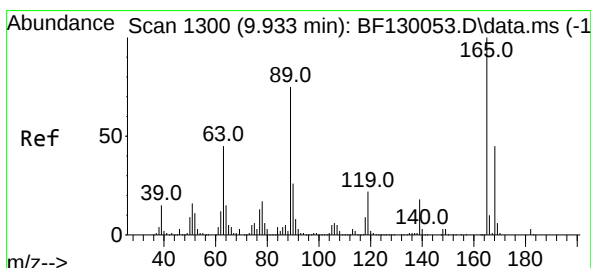
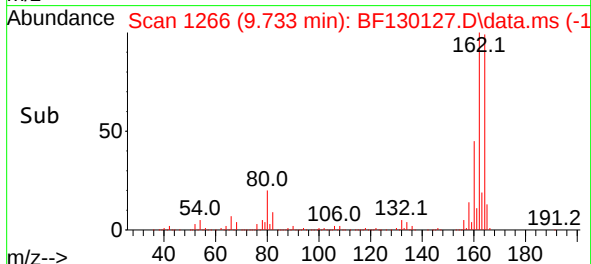
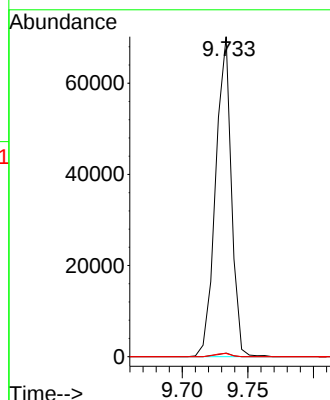
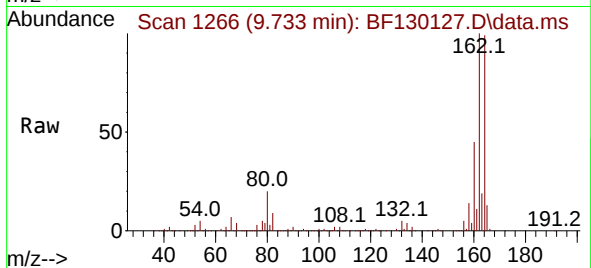
Tgt Ion:165 Resp: 58515

Ion Ratio Lower Upper

165 100

63 1.2 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.381 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

Tgt Ion:165 Resp: 58515

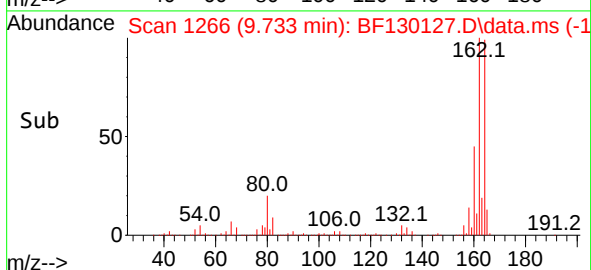
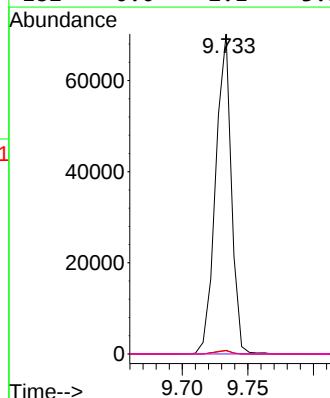
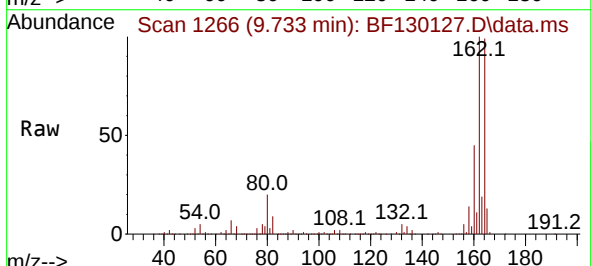
Ion Ratio Lower Upper

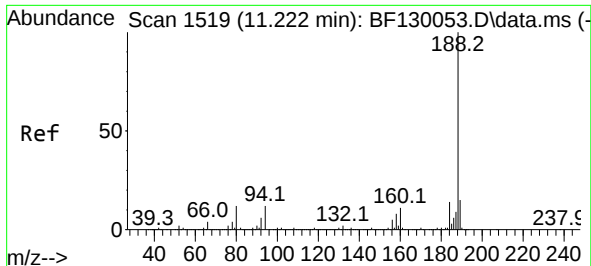
165 100

63 1.2 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

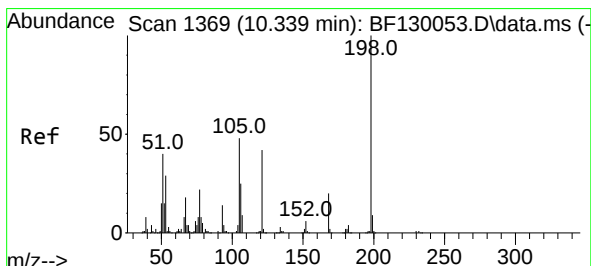
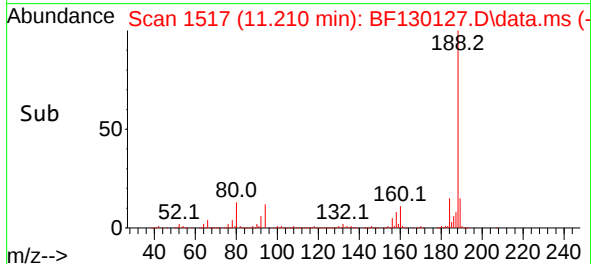
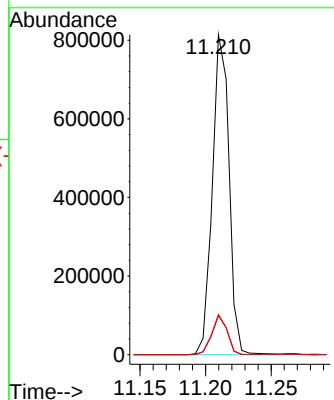
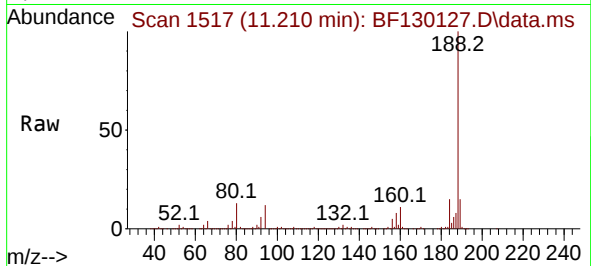




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

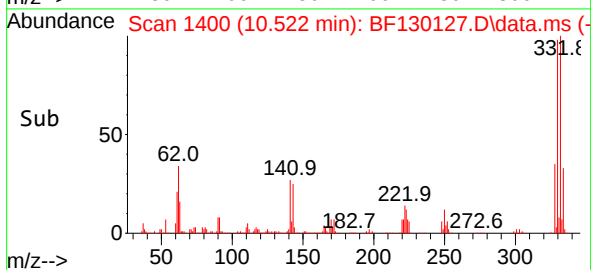
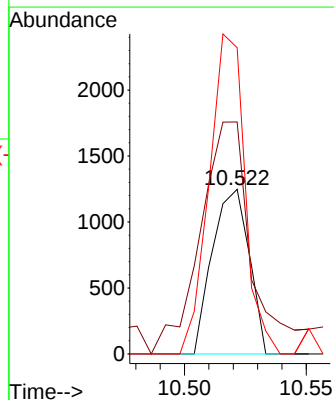
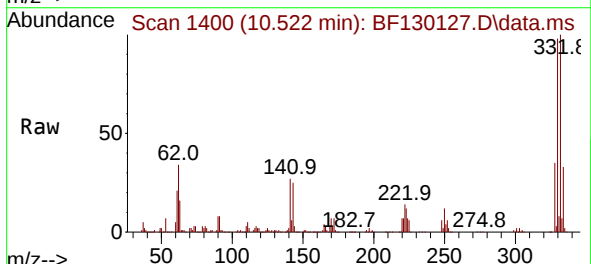
Instrument :
BNA_F
ClientSampleId :
MW-04

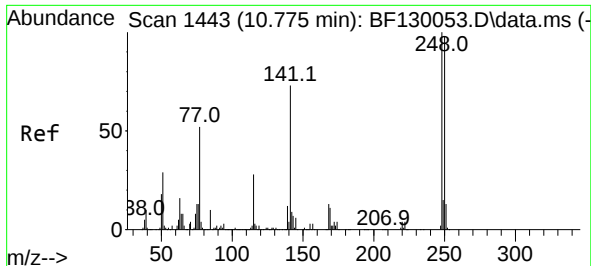
Tgt Ion:188 Resp: 720431
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 12.6 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.417 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:198 Resp: 1307
Ion Ratio Lower Upper
198 100
51 141.0 29.4 69.4#
105 186.1 29.2 69.2#

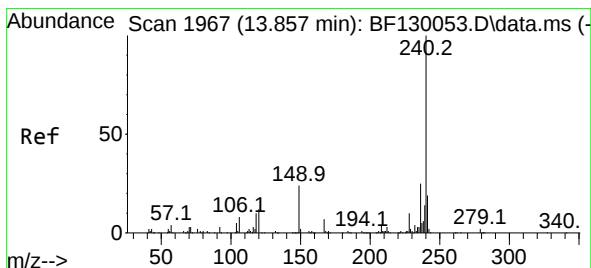
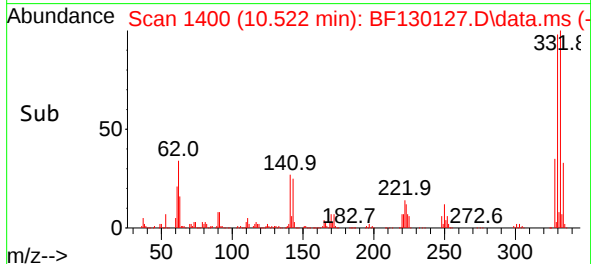
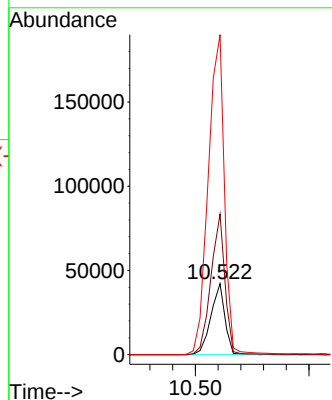
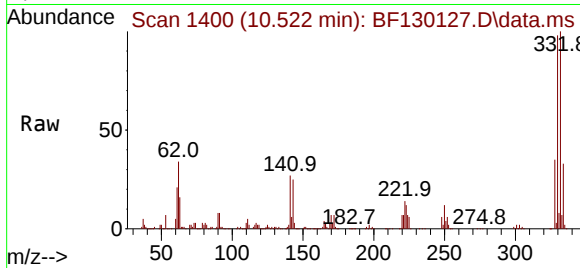




#67
4-Bromophenyl-phenylether
Concen: 4.517 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

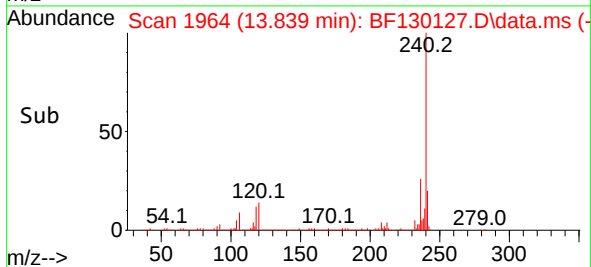
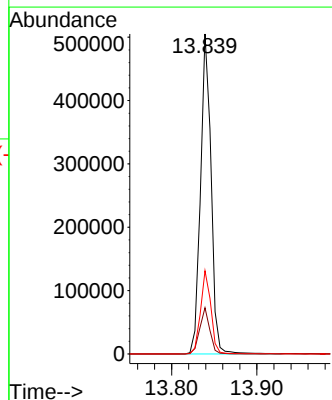
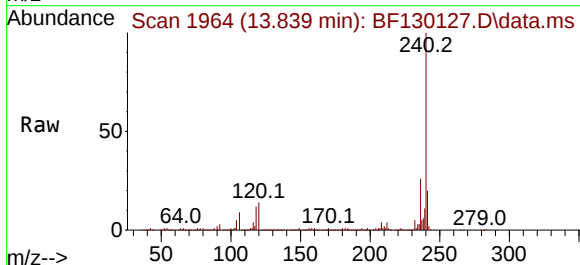
Instrument :
BNA_F
ClientSampleId :
MW-04

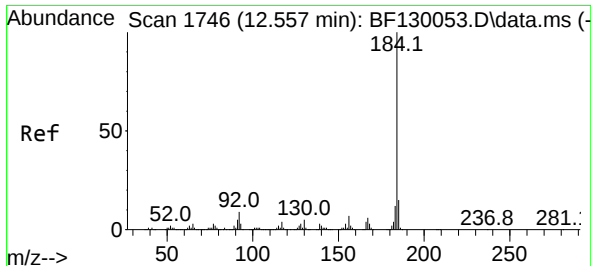
Tgt Ion:248 Resp: 36195
Ion Ratio Lower Upper
248 100
250 198.2 77.8 116.6#
141 450.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:240 Resp: 434766
Ion Ratio Lower Upper
240 100
120 14.5 9.2 13.8#
236 26.0 20.7 31.1

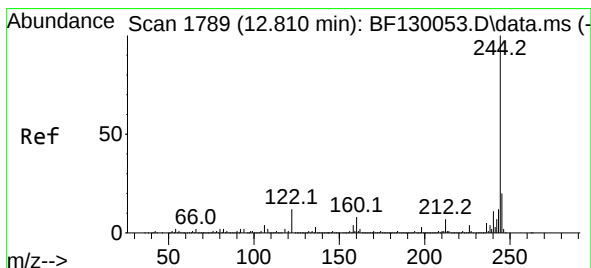
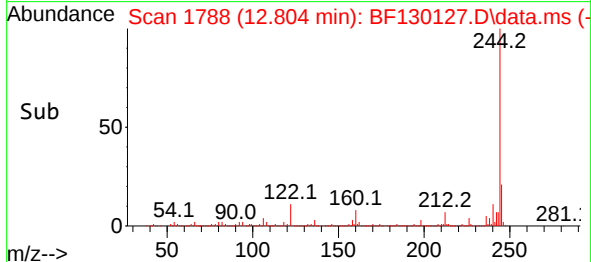
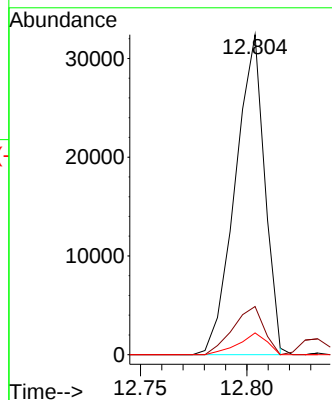
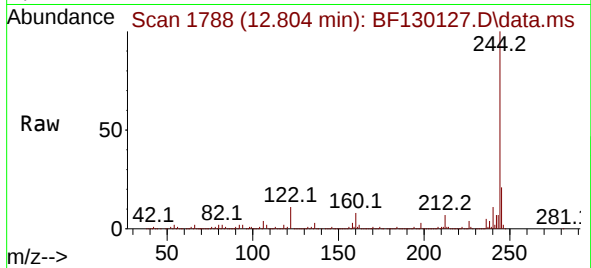




#77
Benzidine
Concen: 2.654 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

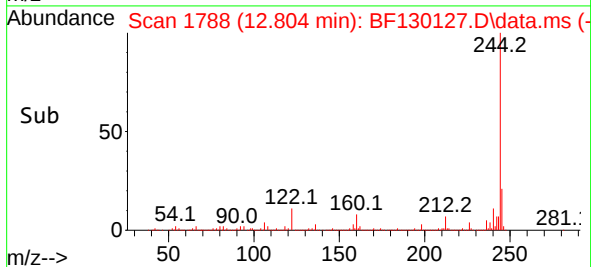
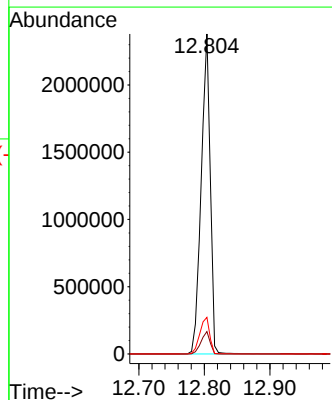
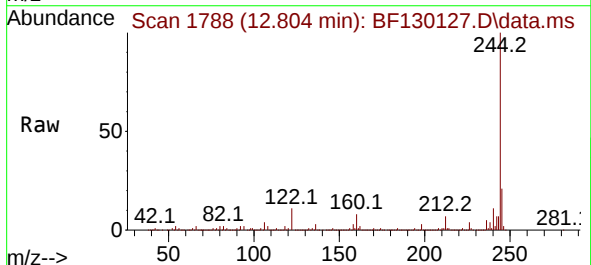
Instrument :
BNA_F
ClientSampleId :
MW-04

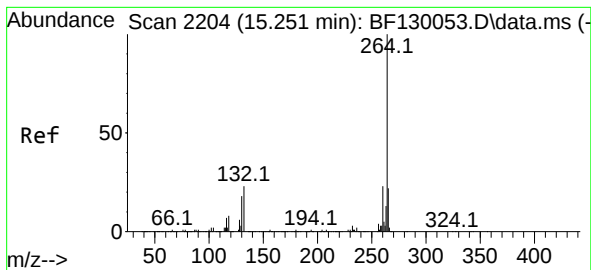
Tgt Ion:184 Resp: 31154
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 91.159 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:244 Resp: 2285457
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.5 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF130127.D
 Acq: 02 Sep 2022 23:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:264 Resp: 410657
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 20.6 16.7 25.1

