

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130109.D
 Acq On : 02 Sep 2022 14:02
 Operator : CG\JU
 Sample : N4446-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-02

Quant Time: Sep 03 05:44:01 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)

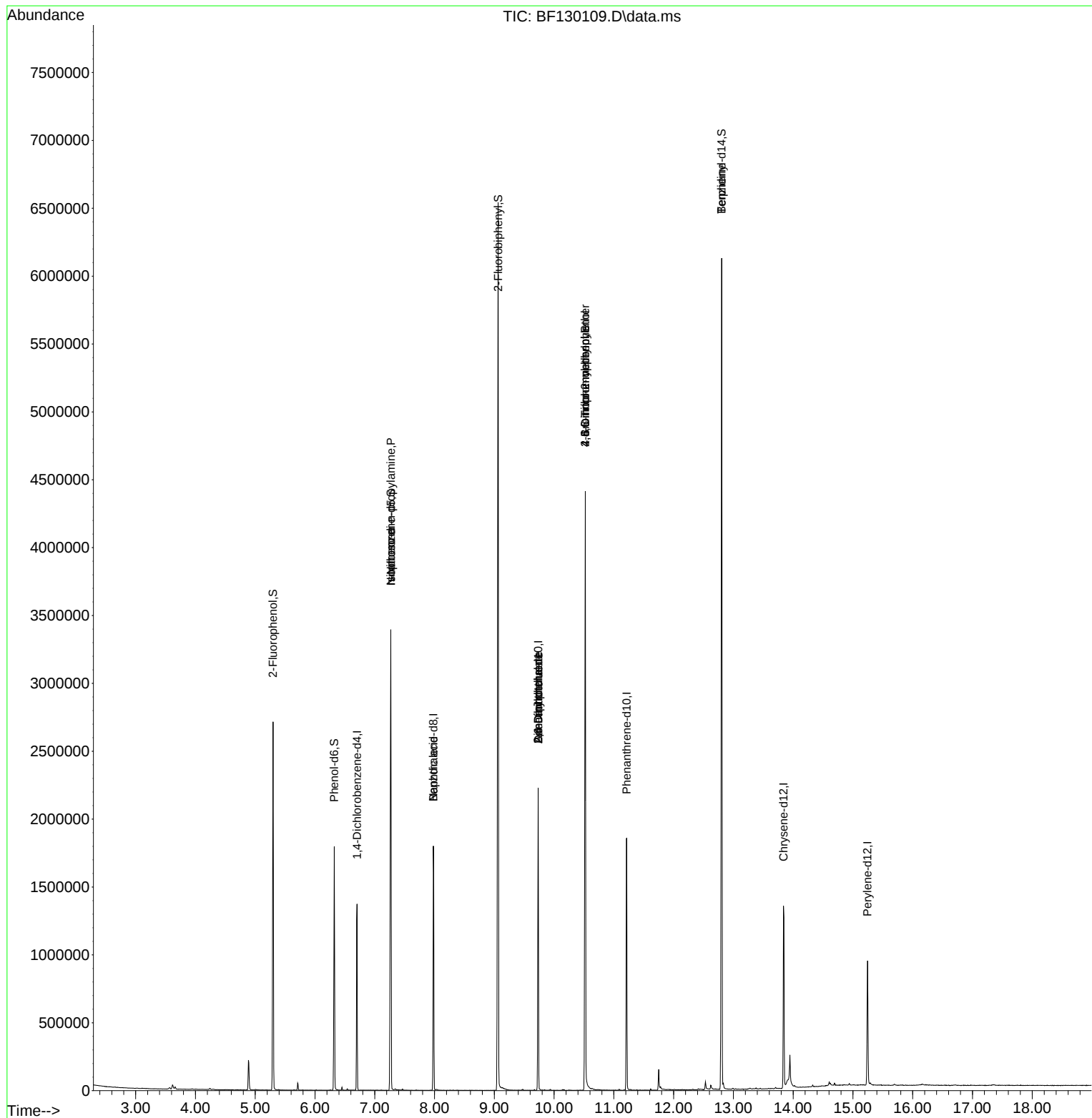
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	206553	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	804110	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	418560	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	690425	20.000	ng	0.00
76) Chrysene-d12	13.839	240	455916	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	357000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	767738	63.100	ng	-0.01
7) Phenol-d6	6.322	99	579325	38.192	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1227118	98.074	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	573428	150.504	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2180276	86.363	ng	0.00
79) Terphenyl-d14	12.804	244	2195782	83.519	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	157023	17.183	ng	# 72
25) Isophorone	7.269	82	1221982	48.253	ng	# 65
32) Benzoic acid	7.981	122	125	6.585	ng	# 1
50) Dimethylphthalate	9.733	163	77122	2.705	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	54611	9.825	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	54611	8.534	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1308	6.432	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	33844	4.407	ng	# 1
77) Benzidine	12.804	184	30165	2.451	ng	# 91

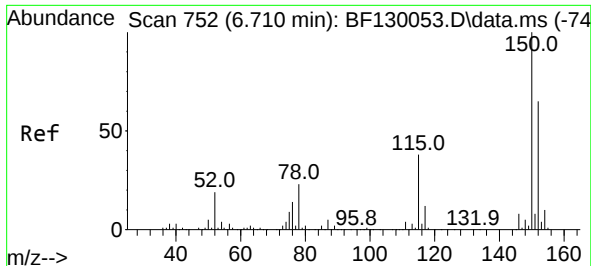
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:44:01 2022
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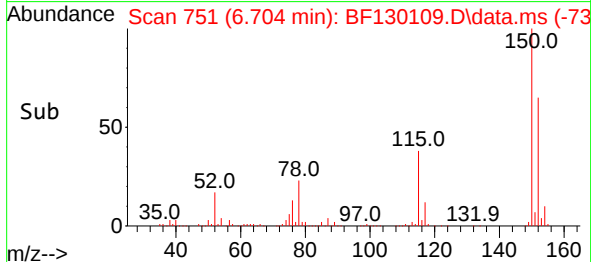
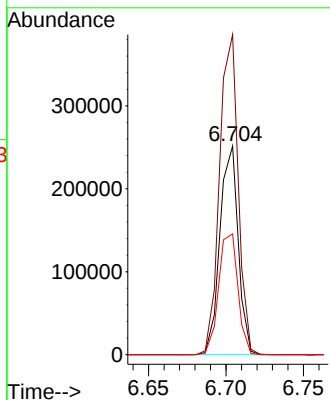
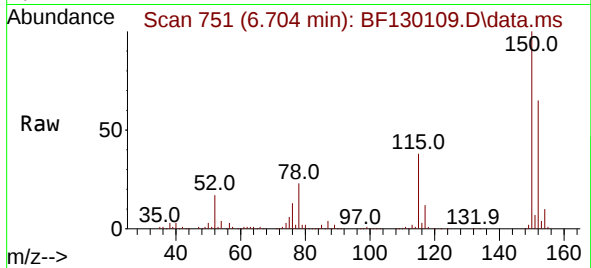




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

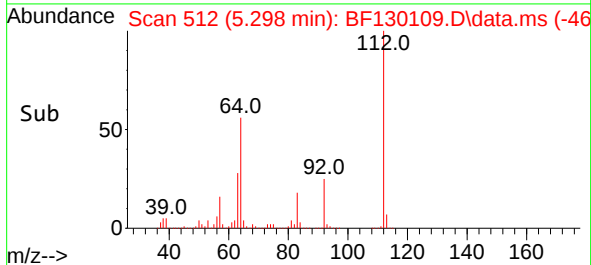
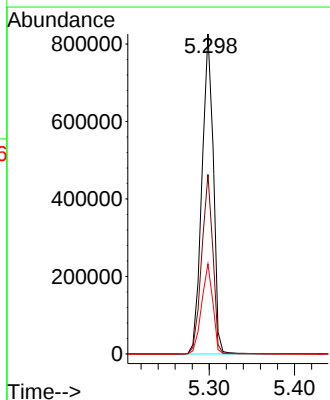
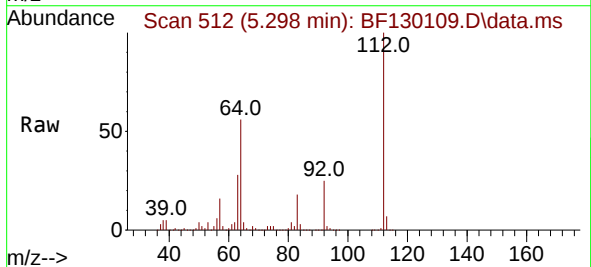
Instrument :
BNA_F
ClientSampleId :
WELL-02

Tgt Ion:152 Resp: 206553
Ion Ratio Lower Upper
152 100
150 153.3 126.9 190.3
115 57.9 53.4 80.0



#5
2-Fluorophenol
Concen: 63.100 ng
RT: 5.298 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion:112 Resp: 767738
Ion Ratio Lower Upper
112 100
64 56.1 47.6 71.4
63 28.1 24.6 37.0

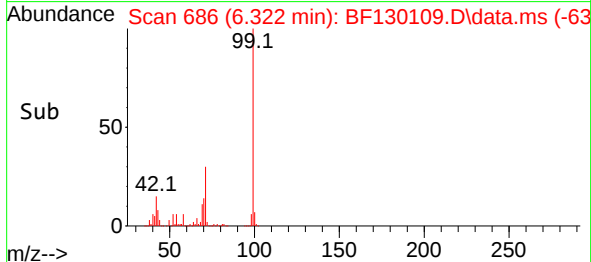
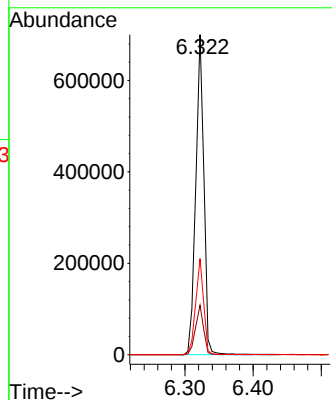
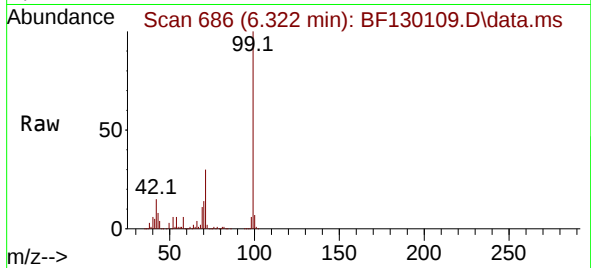




#7
Phenol-d6
Concen: 38.192 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

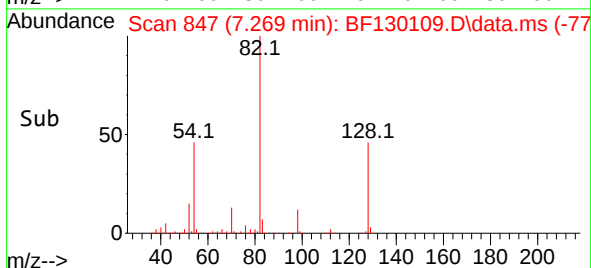
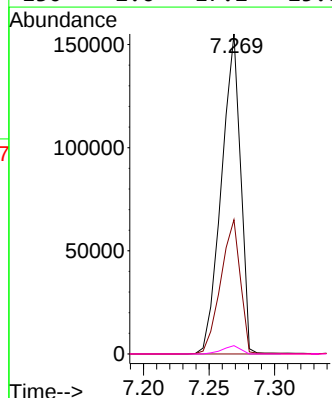
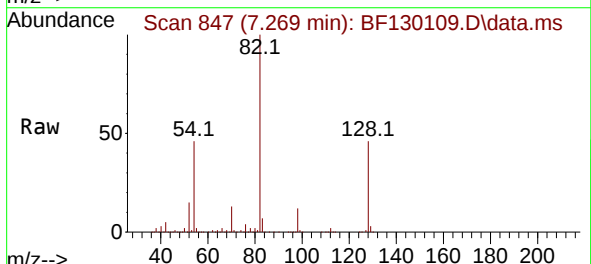
Instrument :
BNA_F
ClientSampleId :
WELL-02

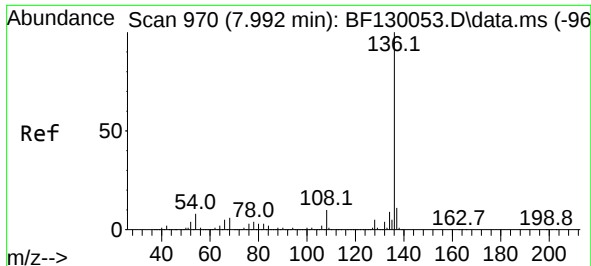
Tgt Ion: 99 Resp: 579325
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.183 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion: 70 Resp: 157023
Ion Ratio Lower Upper
70 100
42 42.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.6 17.2 25.8#

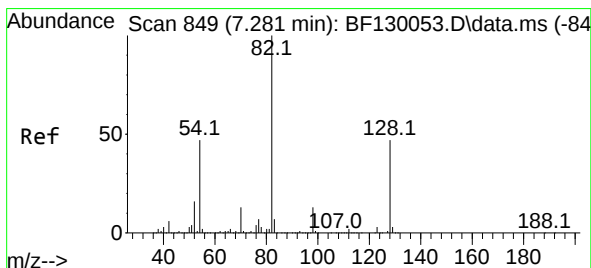
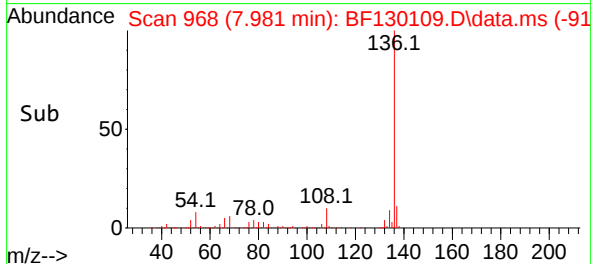
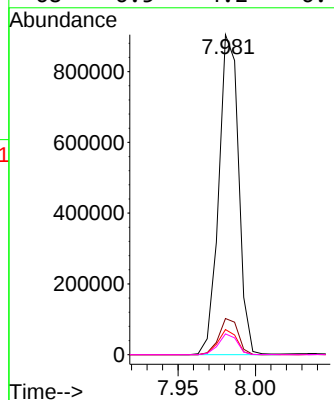
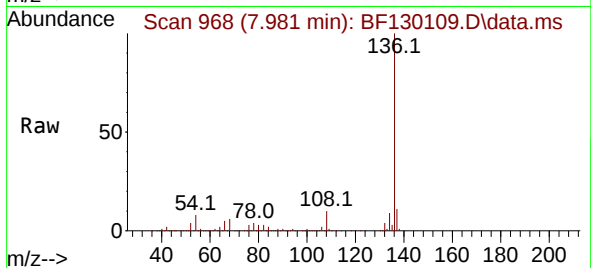




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

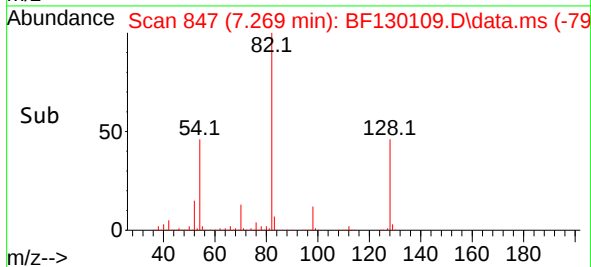
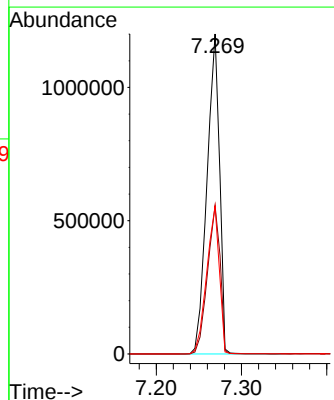
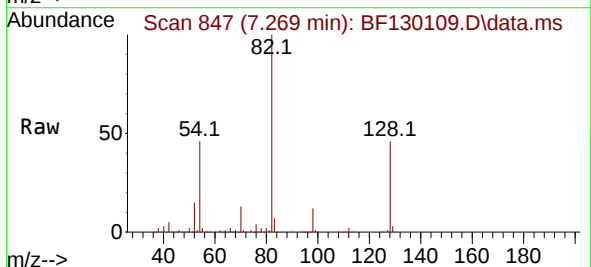
Instrument :
BNA_F
ClientSampleId :
WELL-02

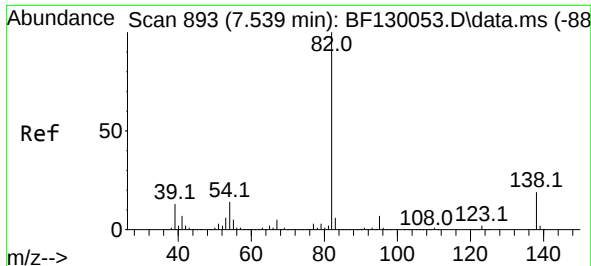
Tgt Ion:136 Resp: 804110
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.8 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 98.074 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion: 82 Resp: 1227118
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 46.2 40.0 60.0

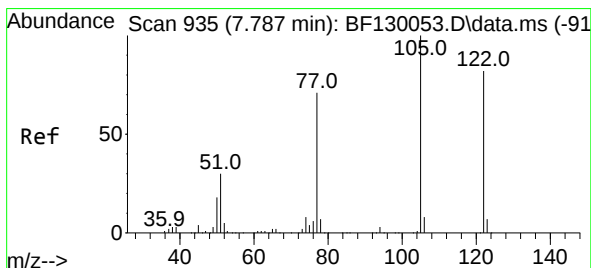
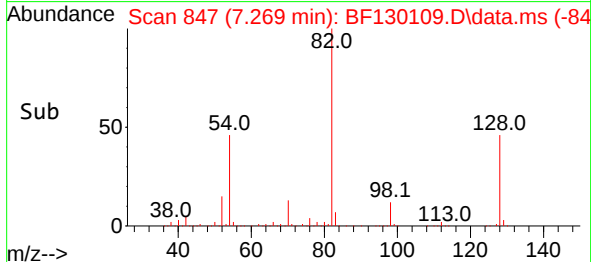
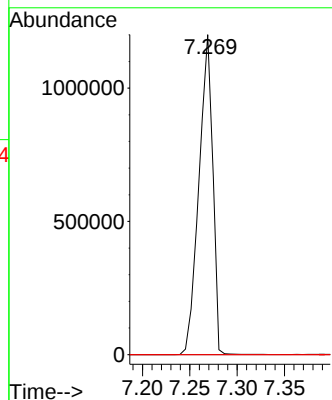
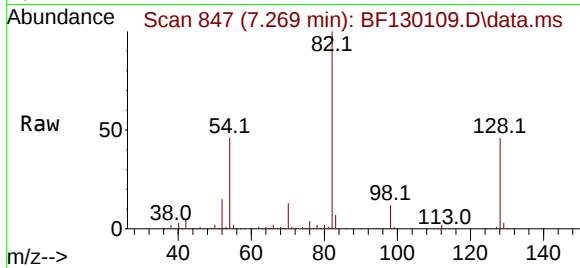




#25
Isophorone
Concen: 48.253 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

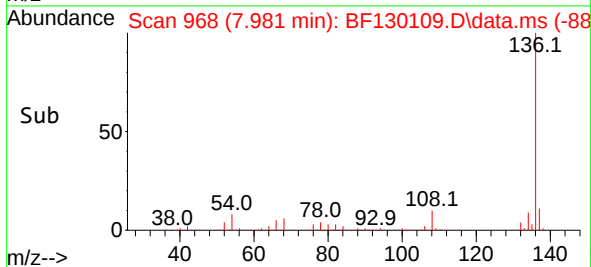
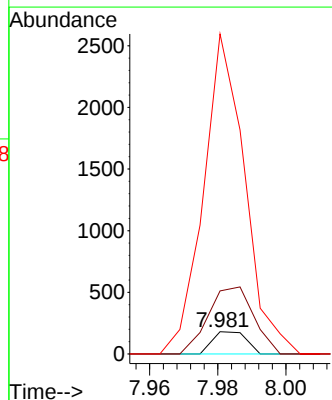
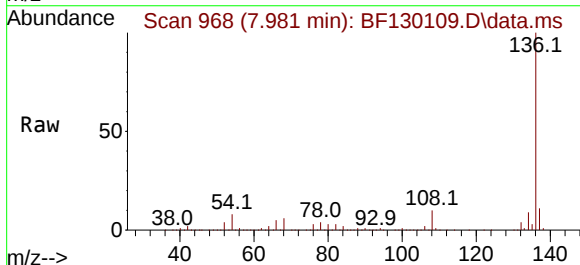
Instrument :
BNA_F
ClientSampleId :
WELL-02

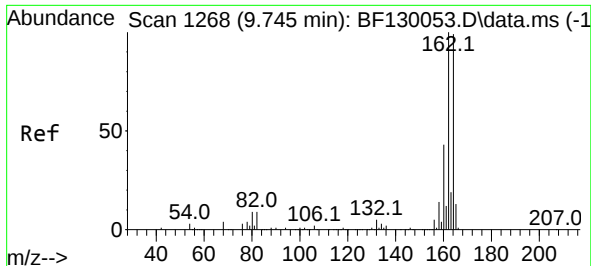
Tgt Ion: 82 Resp: 1221982
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.585 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.194 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 283.9 99.9 139.9#
77 1442.2 65.9 105.9#

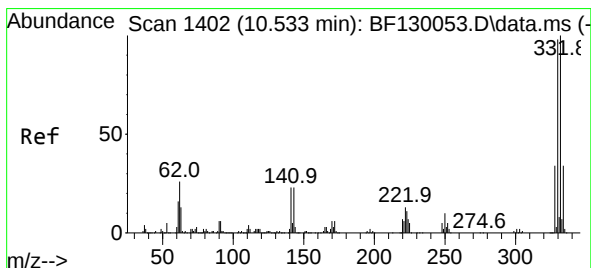
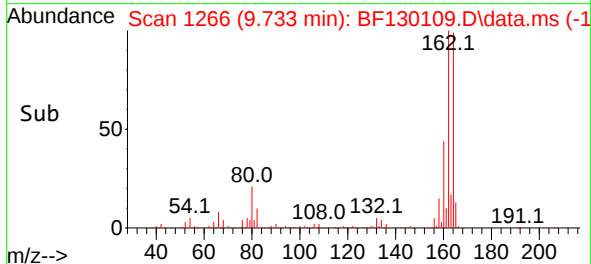
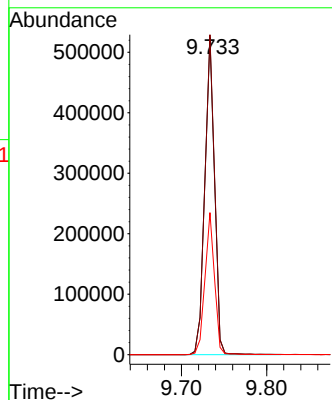
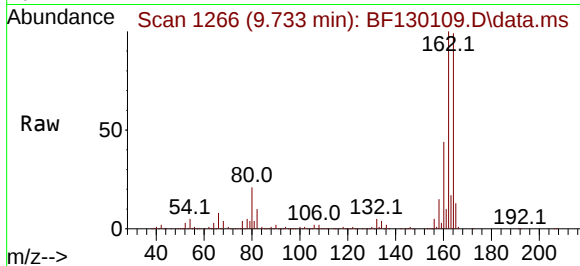




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

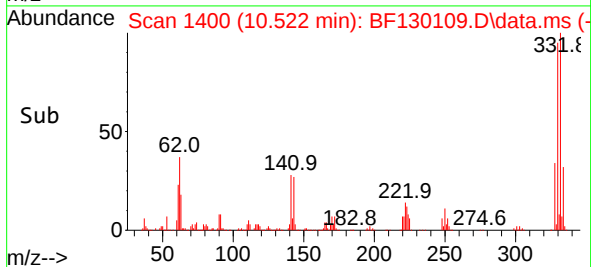
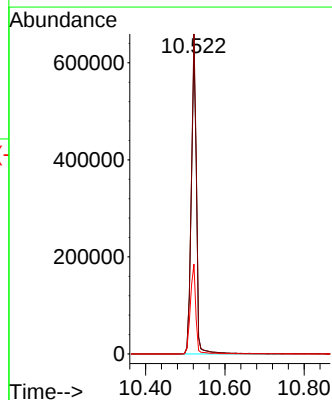
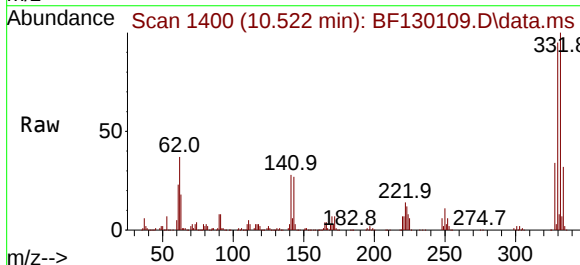
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BNA_F
ClientSampleId :
WELL-02

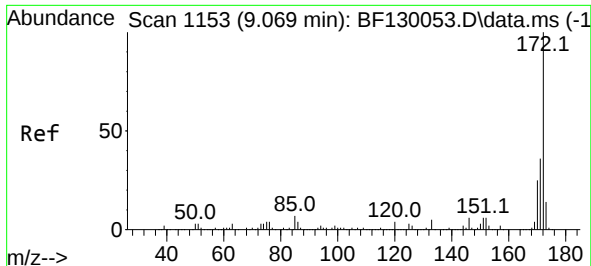
Tgt Ion:164 Resp: 418560
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 150.504 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion:330 Resp: 573428
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 31.0 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 86.363 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130109.D

Acq: 02 Sep 2022 14:02

Instrument :

BNA_F

ClientSampleId :

WELL-02

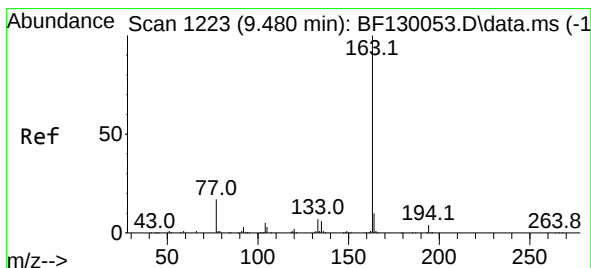
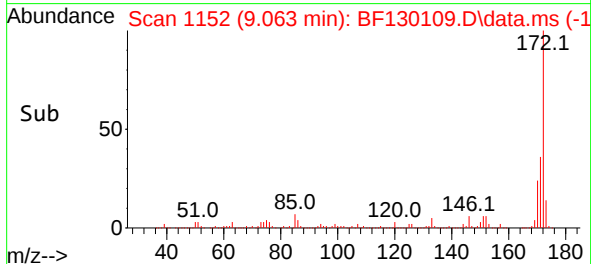
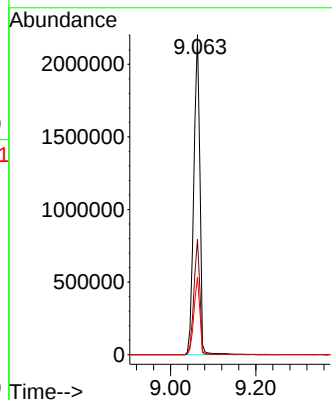
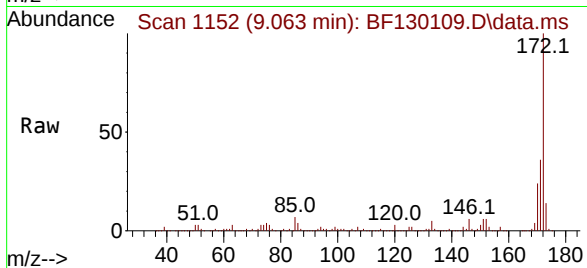
Tgt Ion:172 Resp: 2180276

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.3 19.1 28.7



#50

Dimethylphthalate

Concen: 2.705 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130109.D

Acq: 02 Sep 2022 14:02

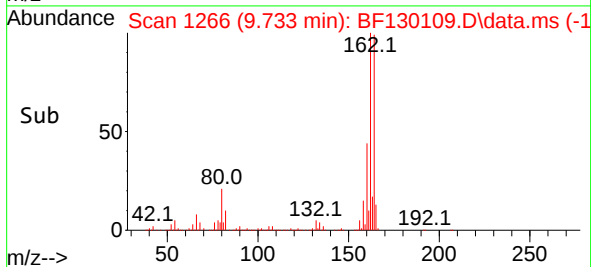
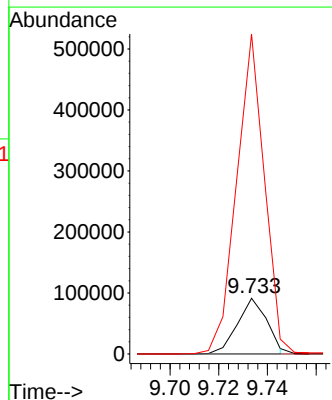
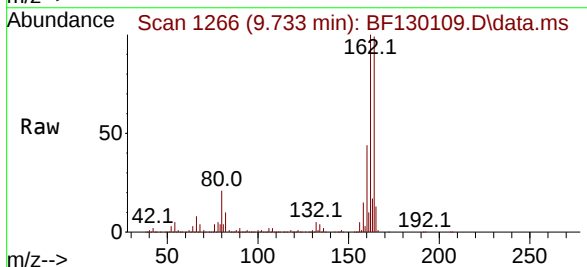
Tgt Ion:163 Resp: 77122

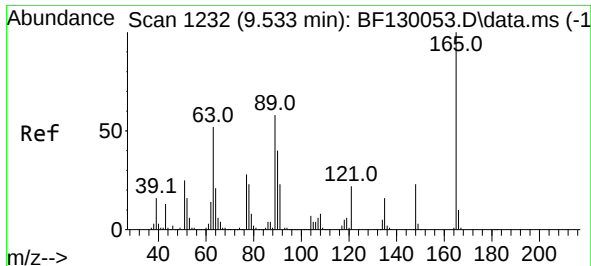
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 574.7 8.2 12.2#

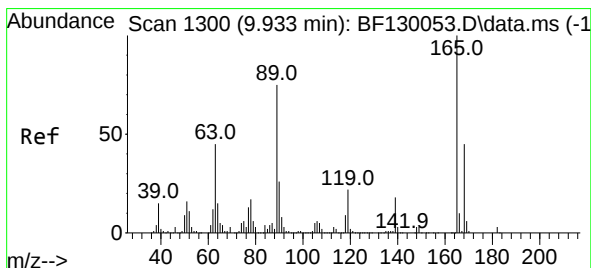
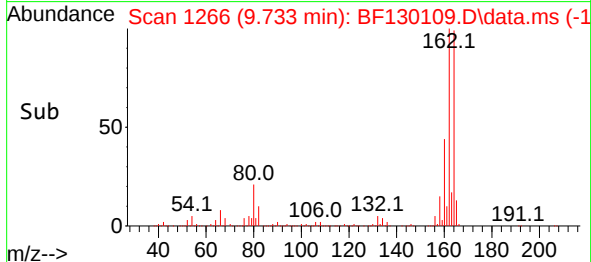
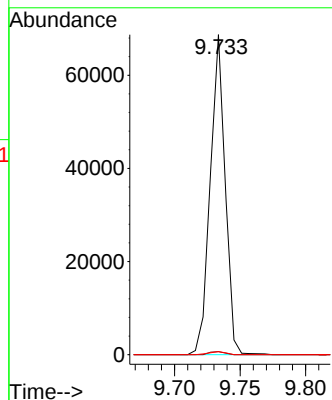
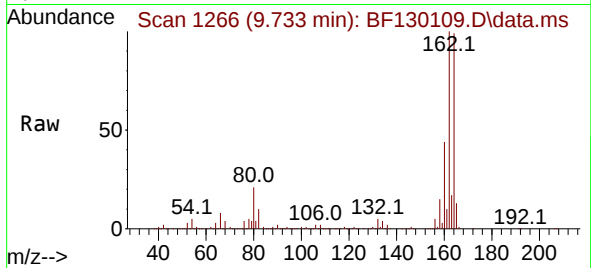




#51
2,6-Dinitrotoluene
Concen: 9.825 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

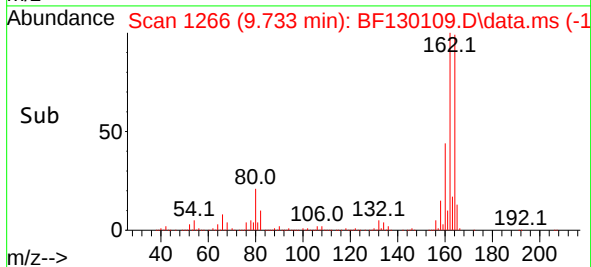
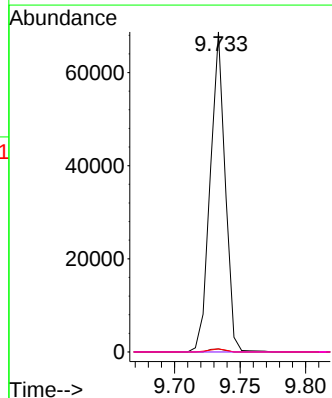
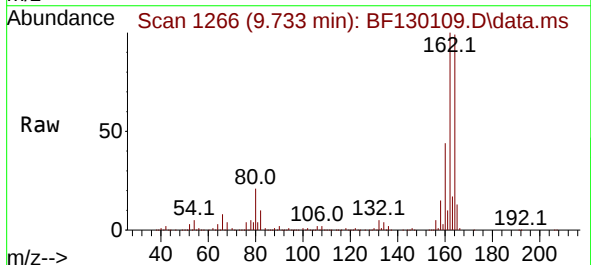
Instrument :
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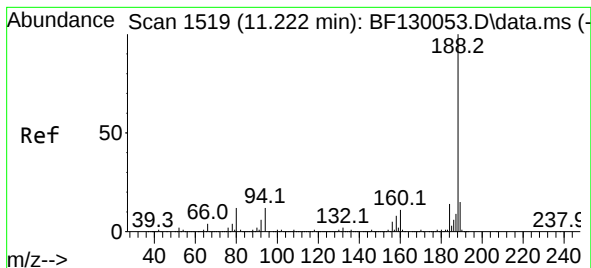
Tgt Ion:165 Resp: 54611
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 0.9 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.534 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion:165 Resp: 54611
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130109.D

Acq: 02 Sep 2022 14:02

Instrument :

BNA_F

ClientSampleId :

WELL-02

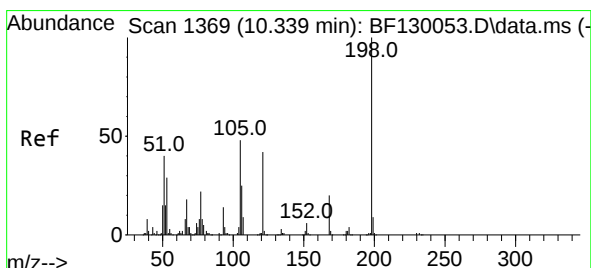
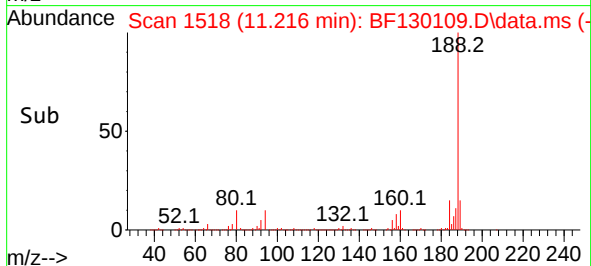
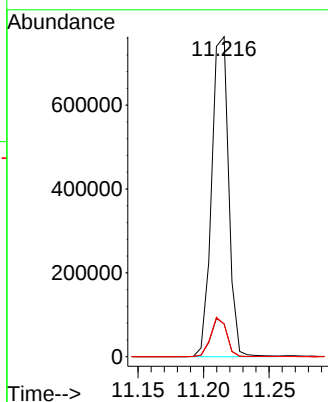
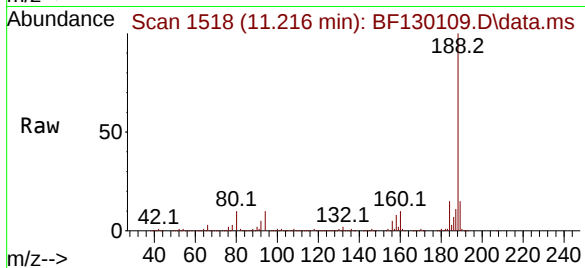
Tgt Ion:188 Resp: 690425

Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.2

80 10.1 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.432 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130109.D

Acq: 02 Sep 2022 14:02

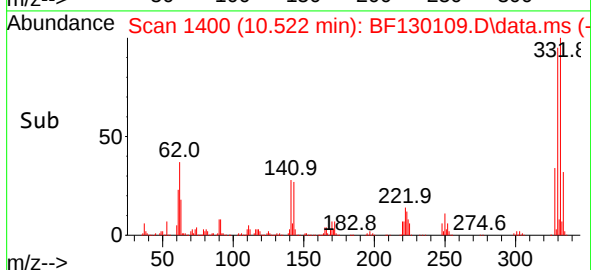
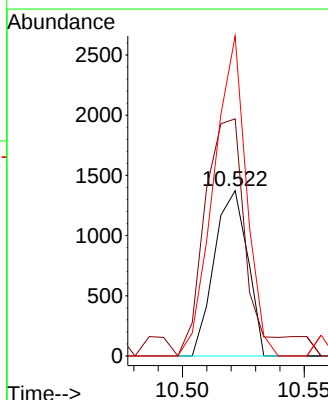
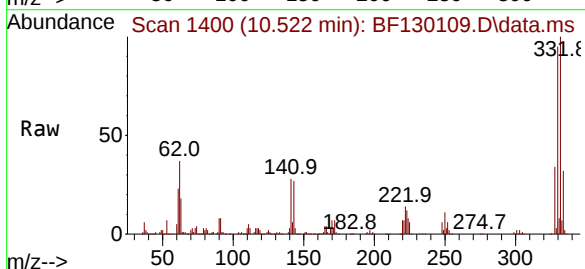
Tgt Ion:198 Resp: 1308

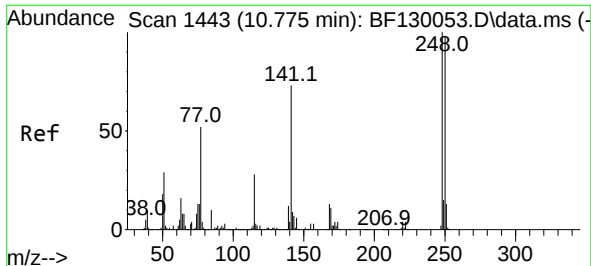
Ion Ratio Lower Upper

198 100

51 143.5 29.4 69.4#

105 193.6 29.2 69.2#

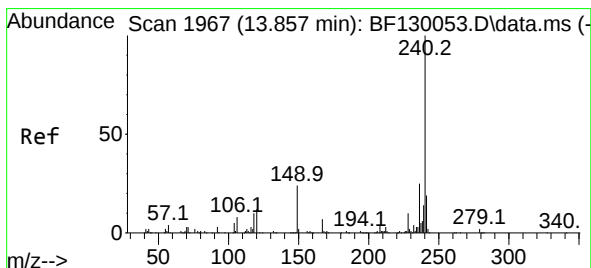
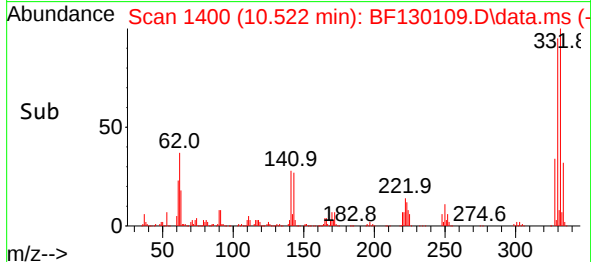
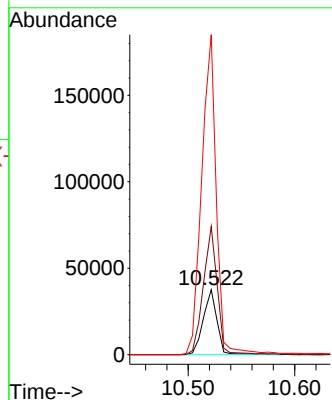
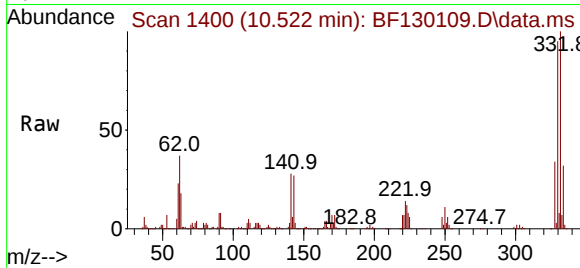




#67
4-Bromophenyl-phenylether
Concen: 4.407 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

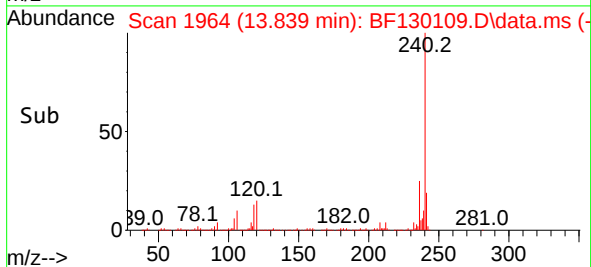
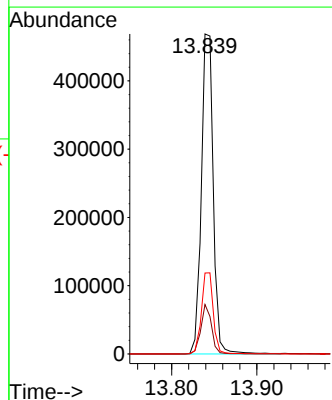
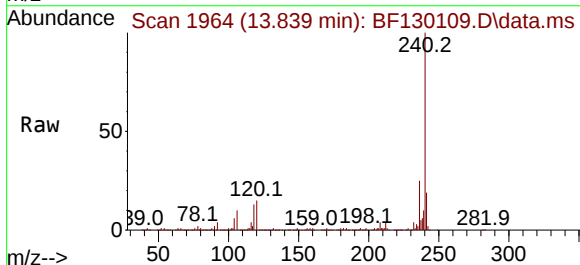
Instrument :
BNA_F
ClientSampleId :
WELL-02

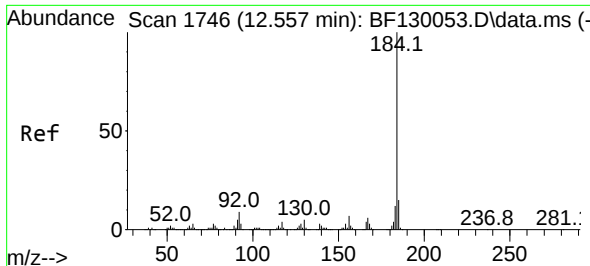
Tgt Ion:248 Resp: 33844
Ion Ratio Lower Upper
248 100
250 197.4 77.8 116.6#
141 493.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion:240 Resp: 455916
Ion Ratio Lower Upper
240 100
120 15.4 9.2 13.8#
236 25.3 20.7 31.1

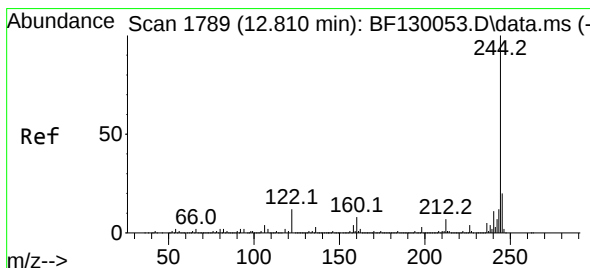
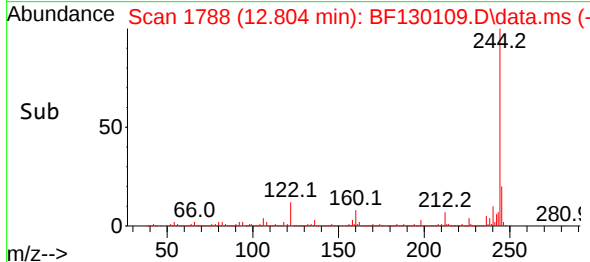
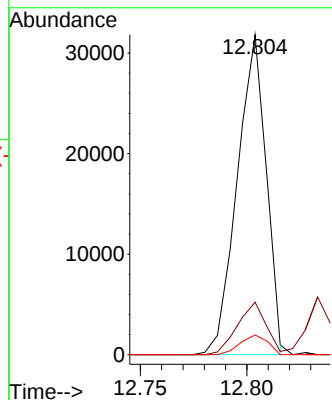
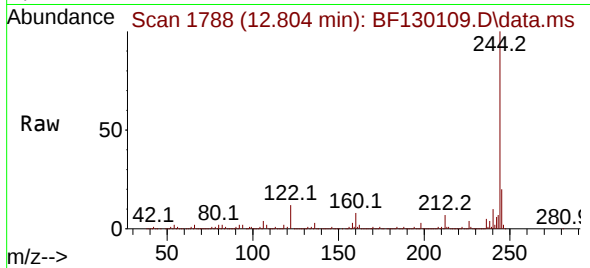




#77
Benzidine
Concen: 2.451 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

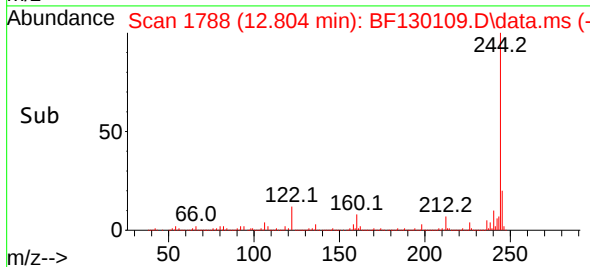
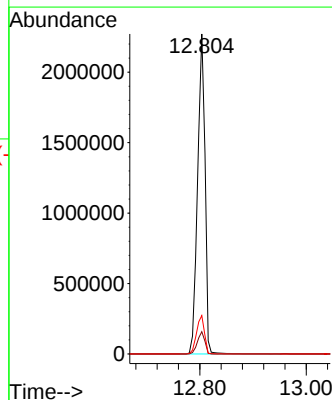
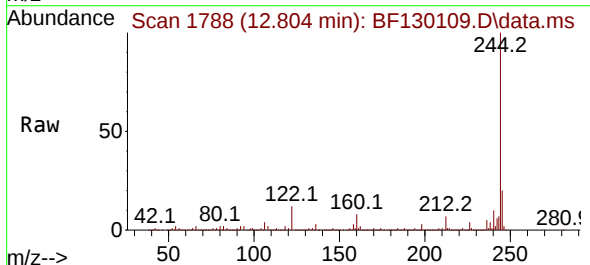
Instrument :
BNA_F
ClientSampleId :
WELL-02

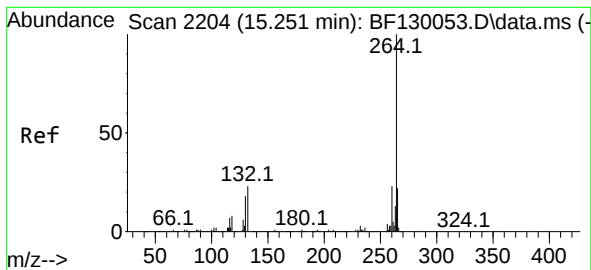
Tgt Ion:184 Resp: 30165
Ion Ratio Lower Upper
184 100
185 16.4 11.4 17.2
183 6.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 83.519 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Tgt Ion:244 Resp: 2195782
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.0 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130109.D
Acq: 02 Sep 2022 14:02

Instrument :
BNA_F
ClientSampleId :
WELL-02

Tgt Ion:264 Resp: 357000

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.5	16.7	25.1

