

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130119.D
 Acq On : 02 Sep 2022 19:27
 Operator : CG\JU
 Sample : N4446-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-03

Quant Time: Sep 03 05:50:29 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)

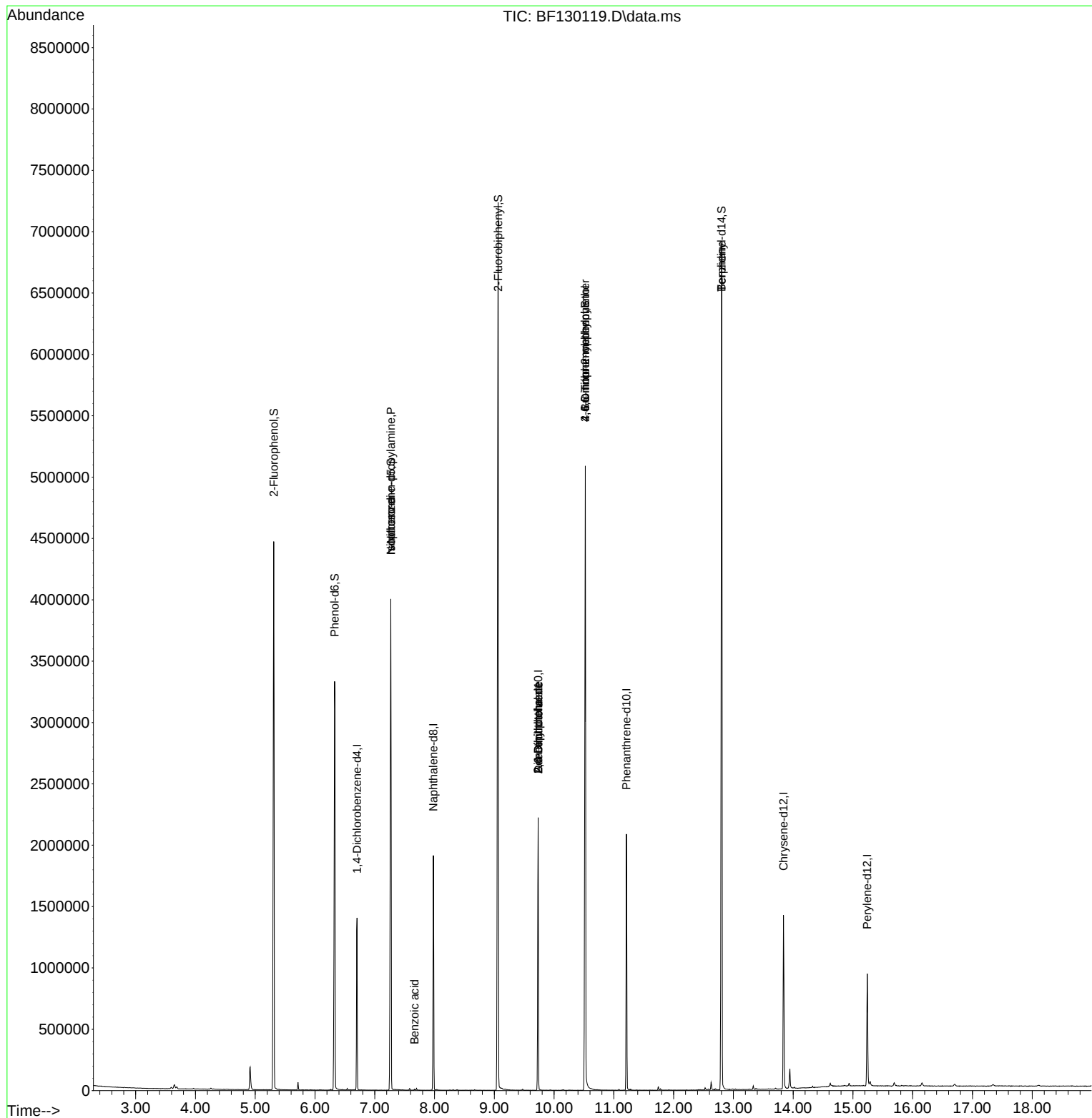
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	212360	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	835242	20.000	ng	-0.01
39) Acenaphthene-d10	9.733	164	436355	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	717596	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	443833	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	375623	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1504159	120.246	ng	0.00
7) Phenol-d6	6.328	99	1420236	91.069	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1516441	116.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	742113	186.834	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2588704	98.359	ng	0.00
79) Terphenyl-d14	12.804	244	2767309	108.123	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	196730	20.939	ng	# 73
25) Isophorone	7.269	82	1510622	57.427	ng	# 65
32) Benzoic acid	7.663	122	2532	6.815	ng	90
50) Dimethylphthalate	9.733	163	81848	2.754	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	57138	9.860	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	57138	8.564	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1581	6.489	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	42851	5.369	ng	# 1
77) Benzidine	12.804	184	37121	3.098	ng	# 92

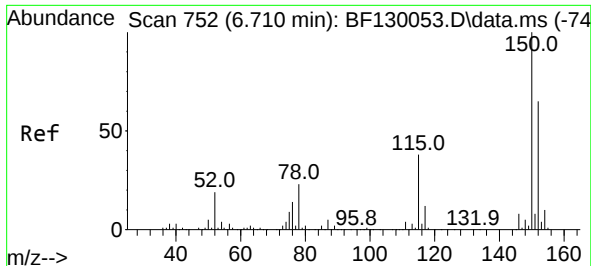
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:50:29 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

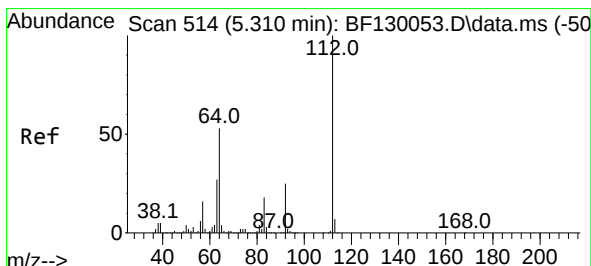
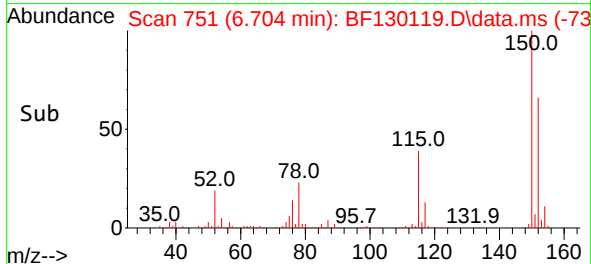
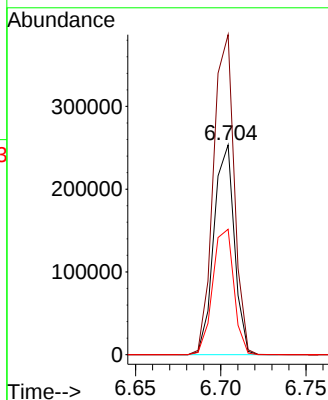
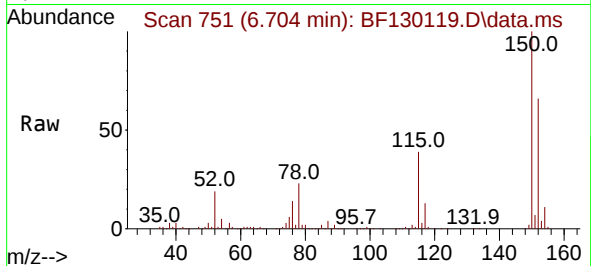




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

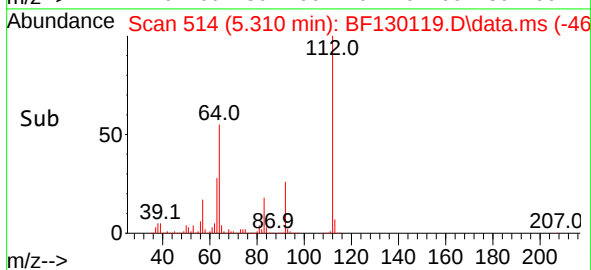
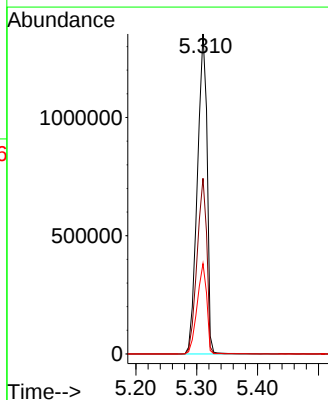
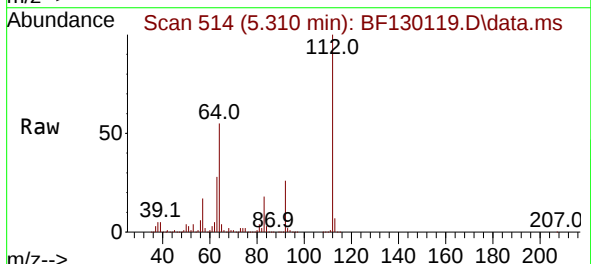
Instrument :
BNA_F
ClientSampleId :
WELL-03

Tgt Ion:152 Resp: 212360
Ion Ratio Lower Upper
152 100
150 152.6 126.9 190.3
115 59.8 53.4 80.0



#5
2-Fluorophenol
Concen: 120.246 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

Tgt Ion:112 Resp: 1504159
Ion Ratio Lower Upper
112 100
64 54.9 47.6 71.4
63 28.3 24.6 37.0

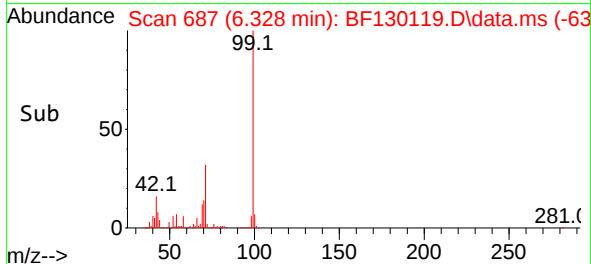
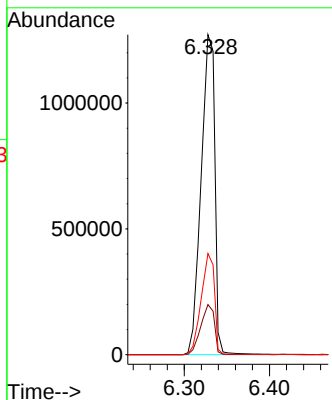
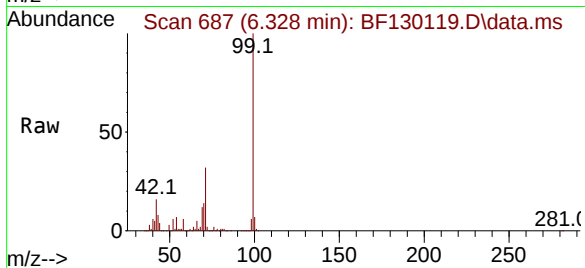




#7
Phenol-d6
Concen: 91.069 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

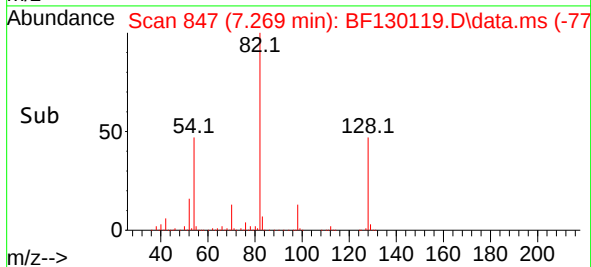
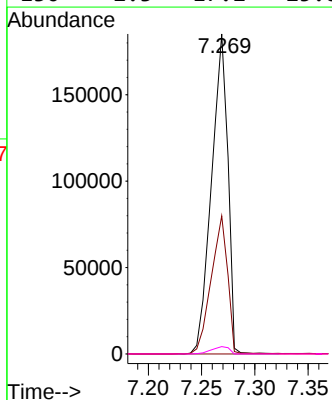
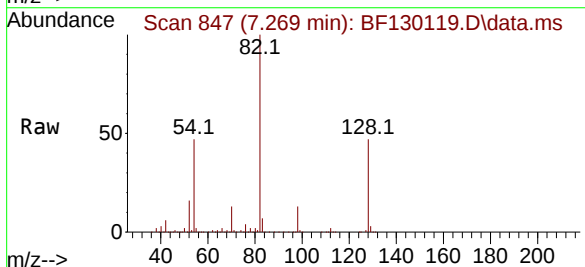
Instrument :
BNA_F
ClientSampleId :
WELL-03

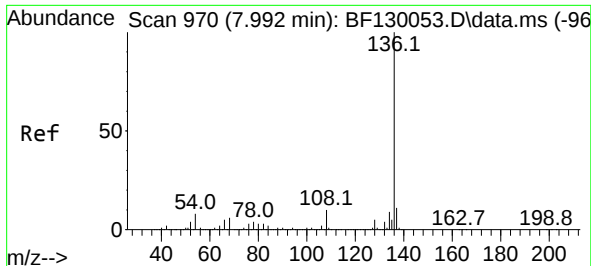
Tgt Ion: 99 Resp: 1420236
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 31.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.939 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

Tgt Ion: 70 Resp: 196730
Ion Ratio Lower Upper
70 100
42 43.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



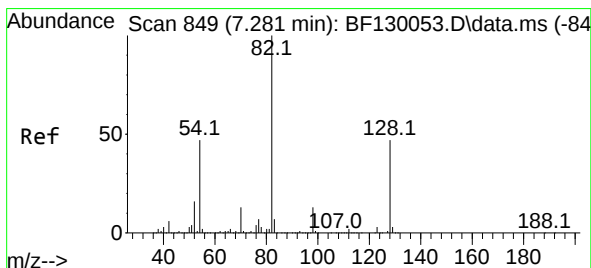
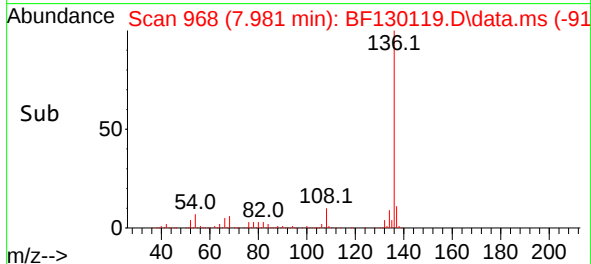
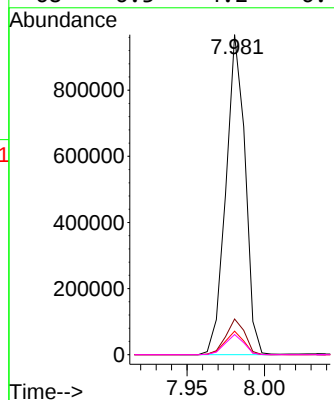
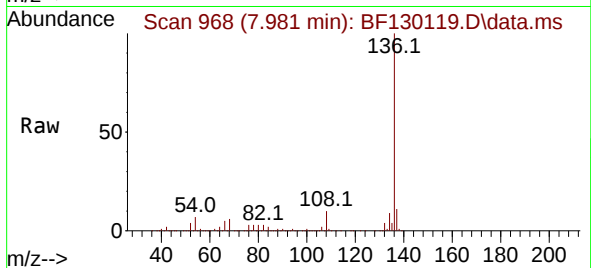


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

Instrument :
BNA_F
ClientSampleId :
WELL-03

Tgt Ion:136 Resp: 835242

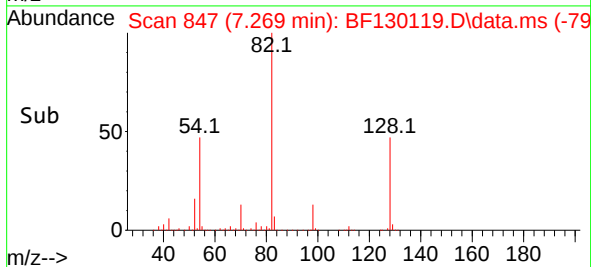
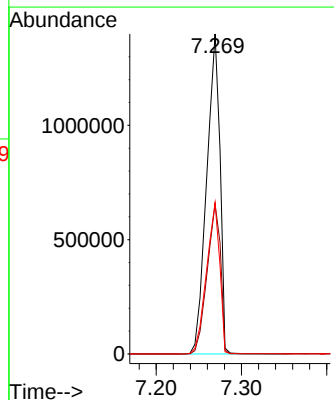
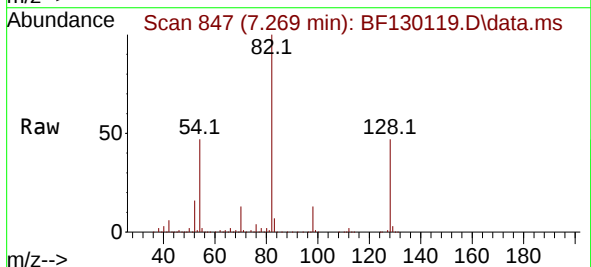
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.4	6.2	9.2
68	6.3	4.2	6.4

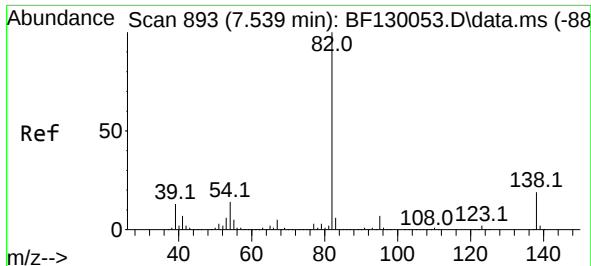


#23
Nitrobenzene-d5
Concen: 116.680 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

Tgt Ion: 82 Resp: 1516441

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.2	40.0	60.0

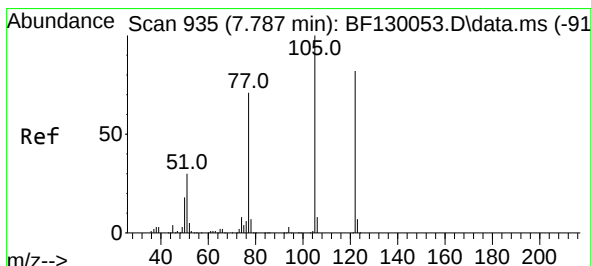
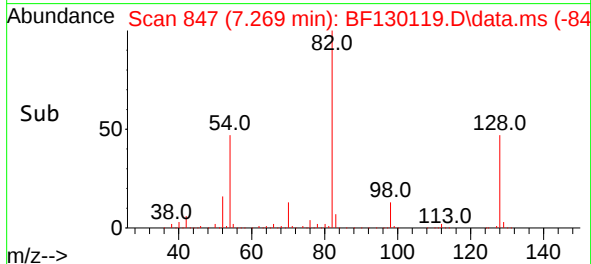
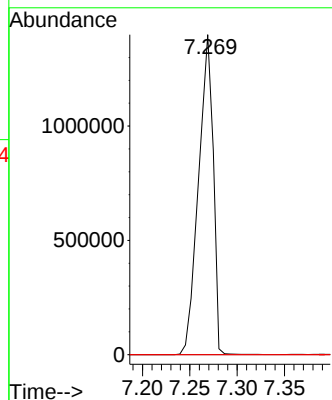
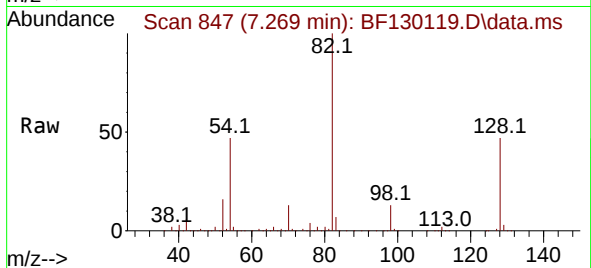




#25
Isophorone
Concen: 57.427 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.271 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

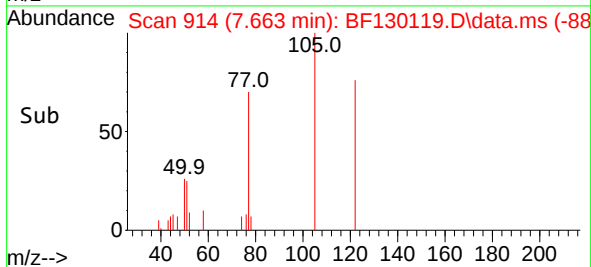
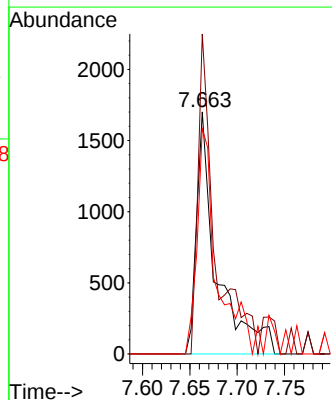
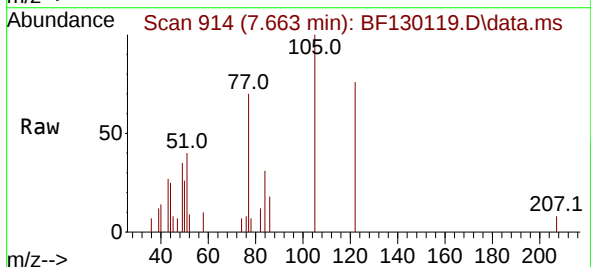
Instrument :
BNA_F
ClientSampleId :
WELL-03

Tgt Ion: 82 Resp: 1510622
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.815 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

Tgt Ion:122 Resp: 2532
Ion Ratio Lower Upper
122 100
105 132.2 99.9 139.9
77 93.1 65.9 105.9

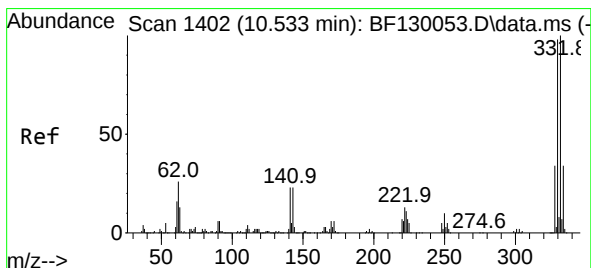
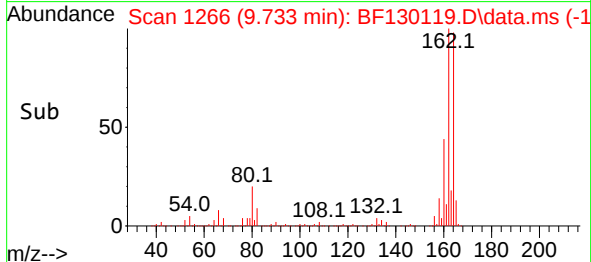
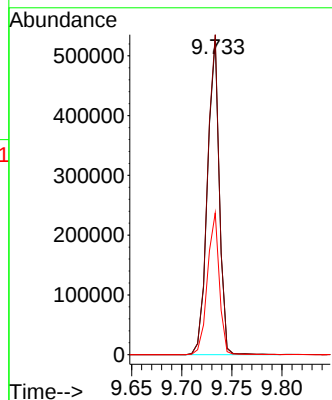
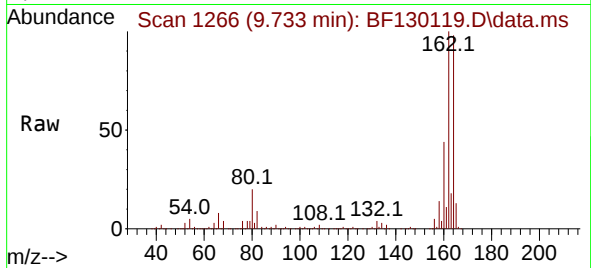




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

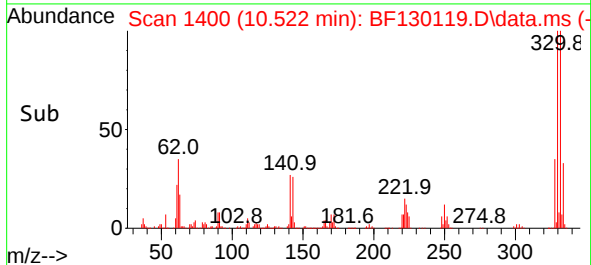
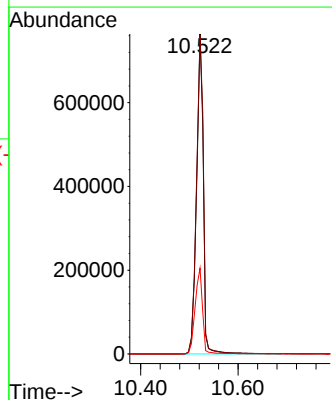
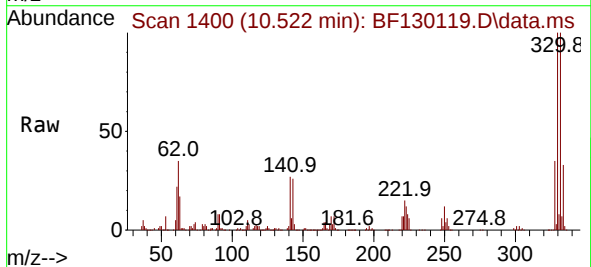
Instrument :
BNA_F
ClientSampleId :
WELL-03

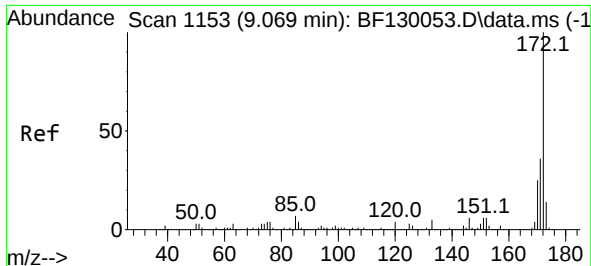
Tgt Ion:164 Resp: 436355
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 186.834 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

Tgt Ion:330 Resp: 742113
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 29.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 98.359 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

Instrument :

BNA_F

ClientSampleId :

WELL-03

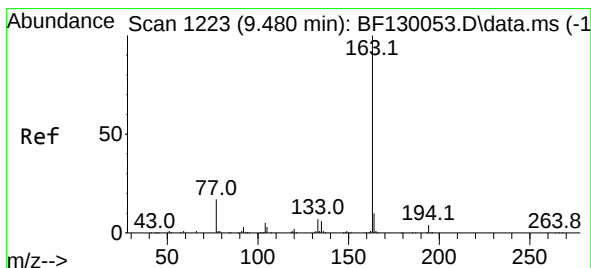
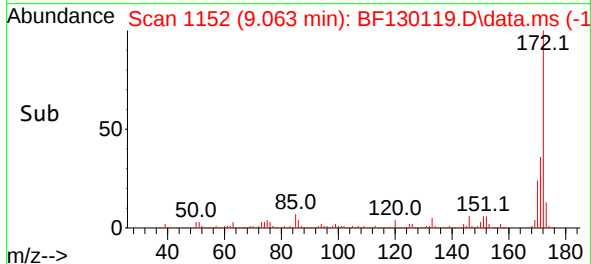
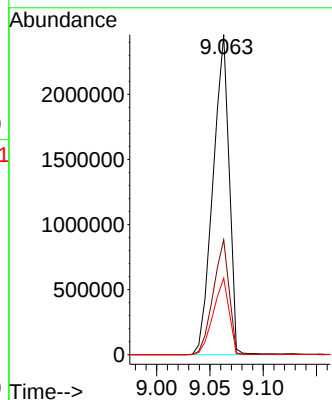
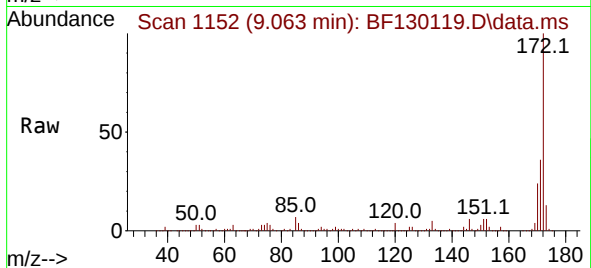
Tgt Ion:172 Resp: 2588704

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.754 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

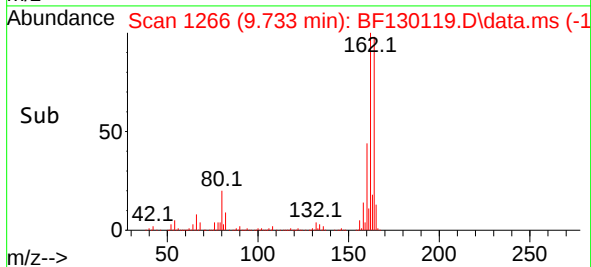
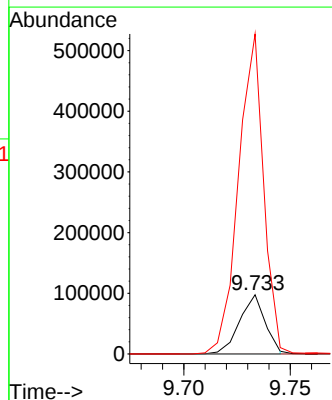
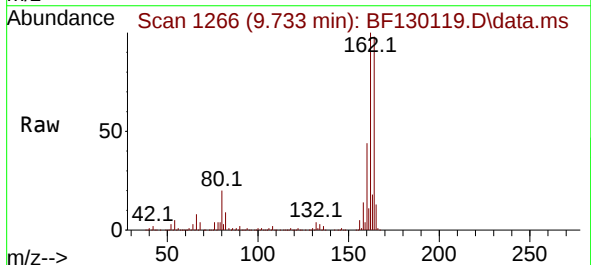
Tgt Ion:163 Resp: 81848

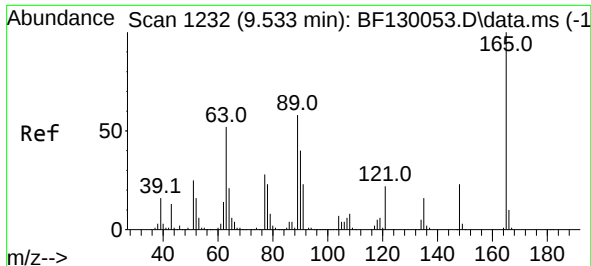
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 540.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.860 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

Instrument :

BNA_F

ClientSampleId :

WELL-03

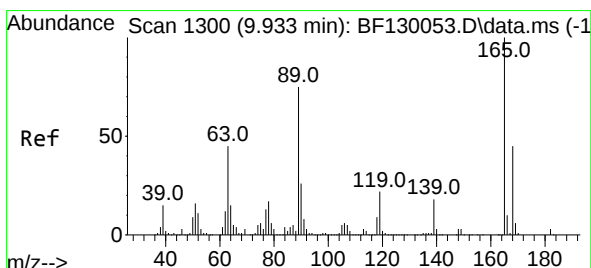
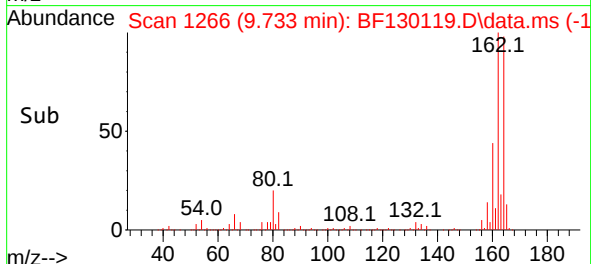
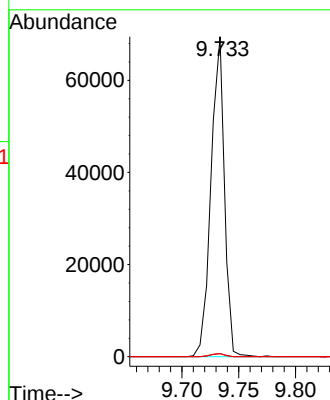
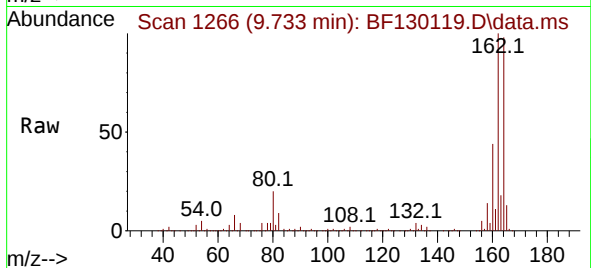
Tgt Ion:165 Resp: 57138

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.564 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

Tgt Ion:165 Resp: 57138

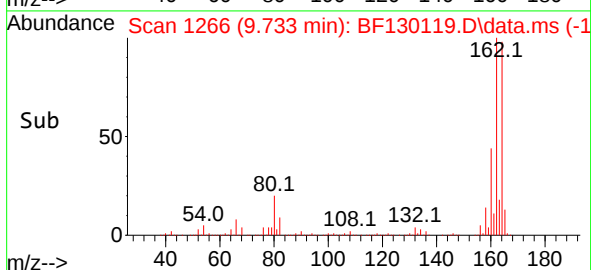
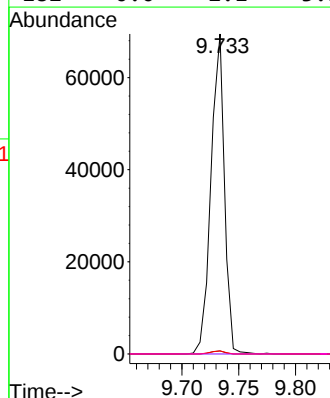
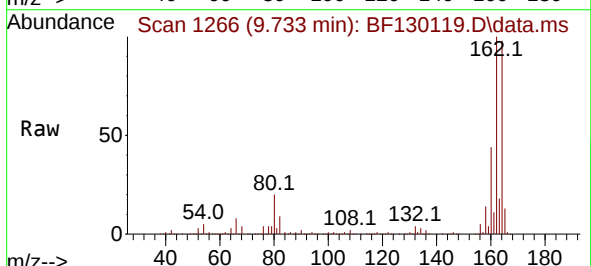
Ion Ratio Lower Upper

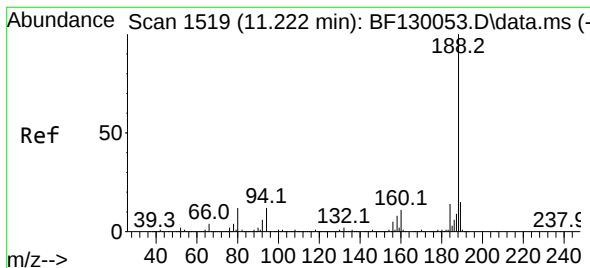
165 100

63 1.0 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# 1

Delta R.T. -0.012 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

Instrument :

BNA_F

ClientSampleId :

WELL-03

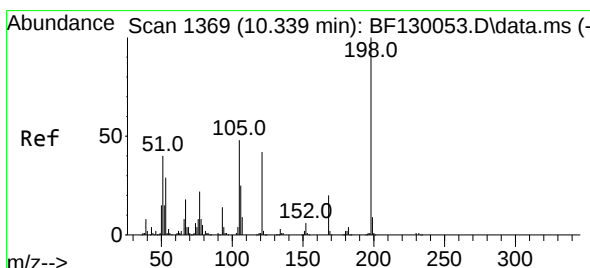
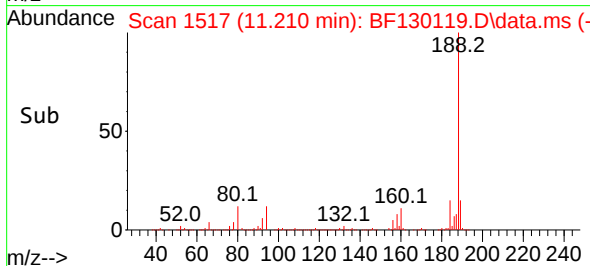
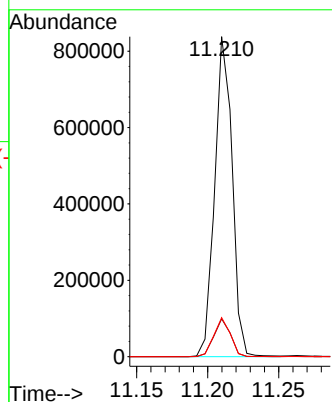
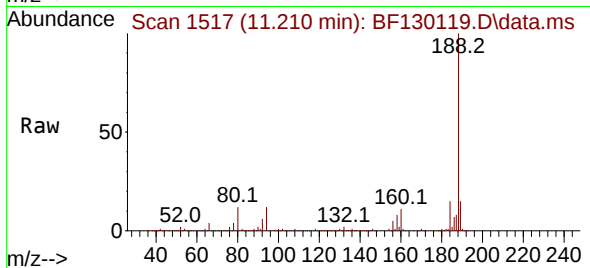
Tgt Ion:188 Resp: 717596

Ion Ratio Lower Upper

188 100

94 11.8 7.4 11.2#

80 12.2 7.9 11.9#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.489 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

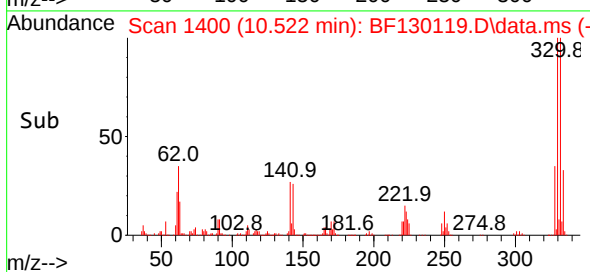
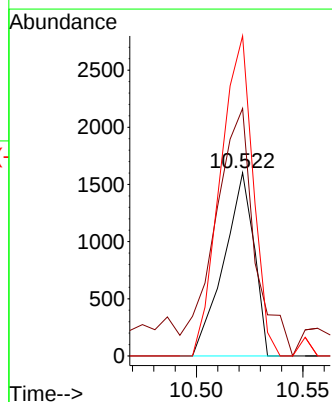
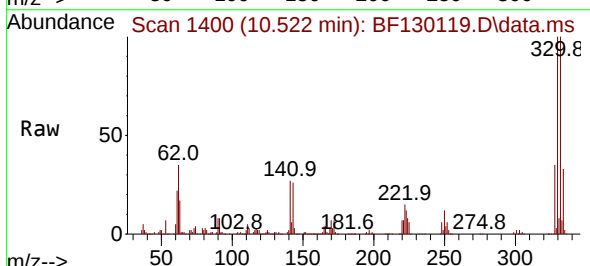
Tgt Ion:198 Resp: 1581

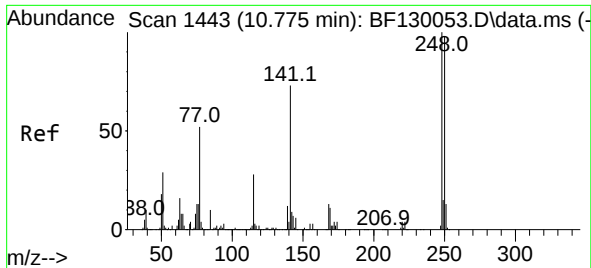
Ion Ratio Lower Upper

198 100

51 135.1 29.4 69.4#

105 174.6 29.2 69.2#

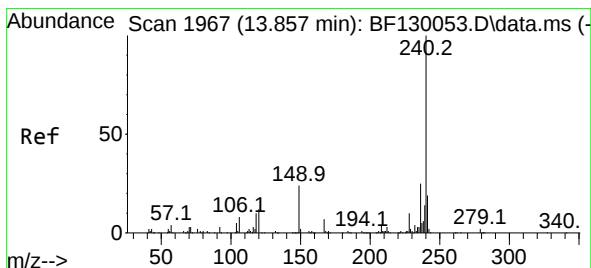
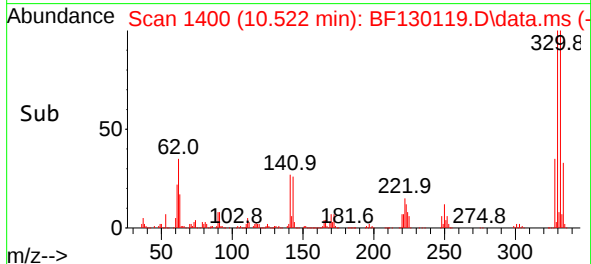
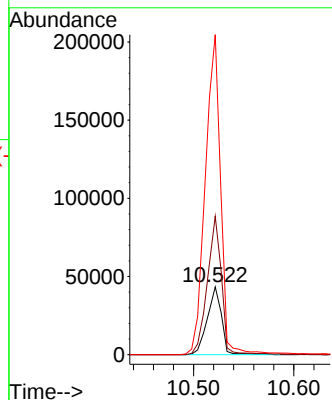
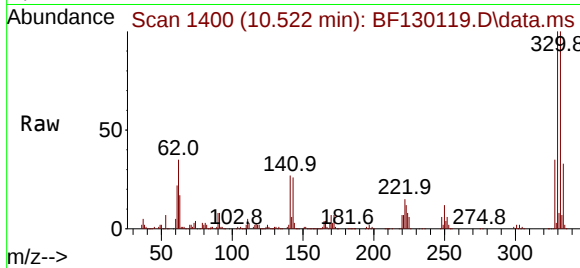




#67
4-Bromophenyl-phenylether
Concen: 5.369 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

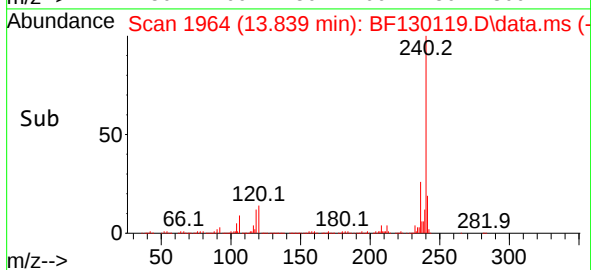
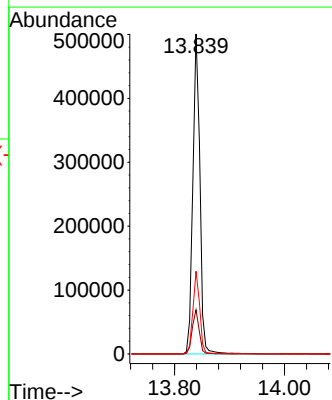
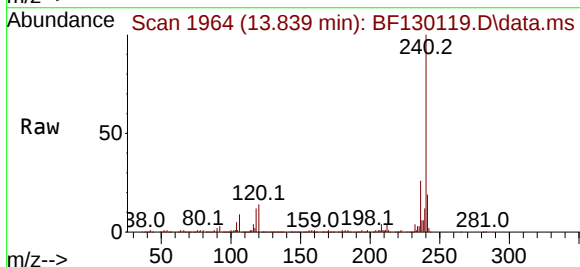
Instrument :
BNA_F
ClientSampleId :
WELL-03

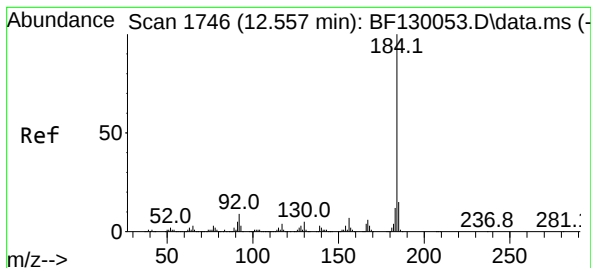
Tgt Ion:248 Resp: 42851
Ion Ratio Lower Upper
248 100
250 203.8 77.8 116.6#
141 471.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130119.D
Acq: 02 Sep 2022 19:27

Tgt Ion:240 Resp: 443833
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8#
236 25.8 20.7 31.1





#77

Benzidine

Concen: 3.098 ng

RT: 12.804 min Scan# 1788

Delta R.T. 0.247 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

Instrument :

BNA_F

ClientSampleId :

WELL-03

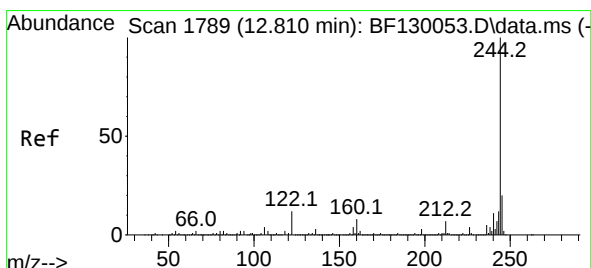
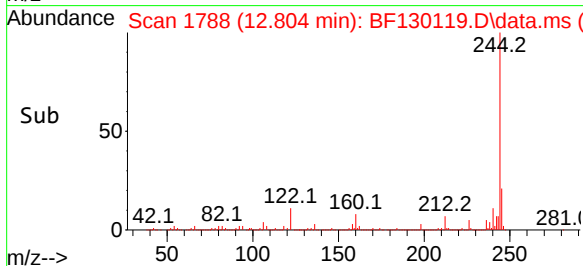
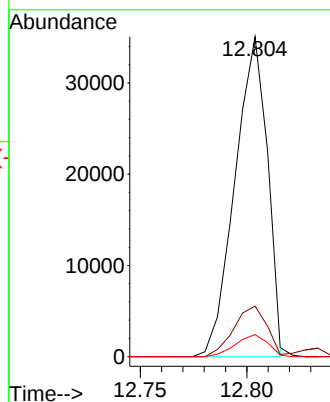
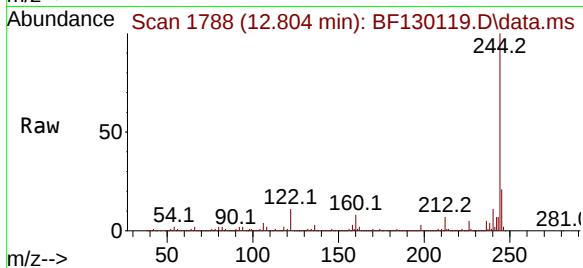
Tgt Ion:184 Resp: 37121

Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.2

183 6.9 9.4 14.2#



#79

Terphenyl-d14

Concen: 108.123 ng

RT: 12.804 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF130119.D

Acq: 02 Sep 2022 19:27

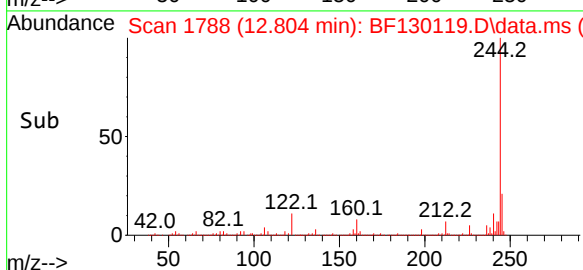
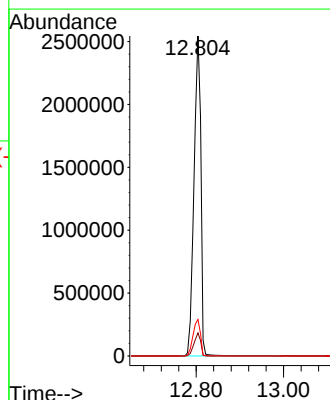
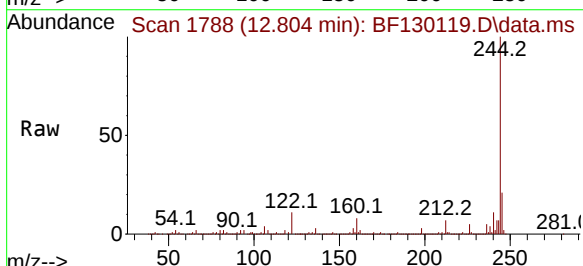
Tgt Ion:244 Resp: 2767309

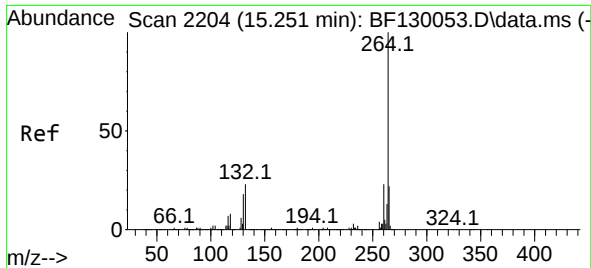
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.4 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: BF130119.D
 Acq: 02 Sep 2022 19:27

Instrument :
 BNA_F
 ClientSampleId :
 WELL-03

Tgt Ion:264 Resp: 375623
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 16.7 25.1

