

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130178.D
 Acq On : 08 Sep 2022 14:54
 Operator : CG\JU
 Sample : N4501-10RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Sep 09 01:03:50 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)

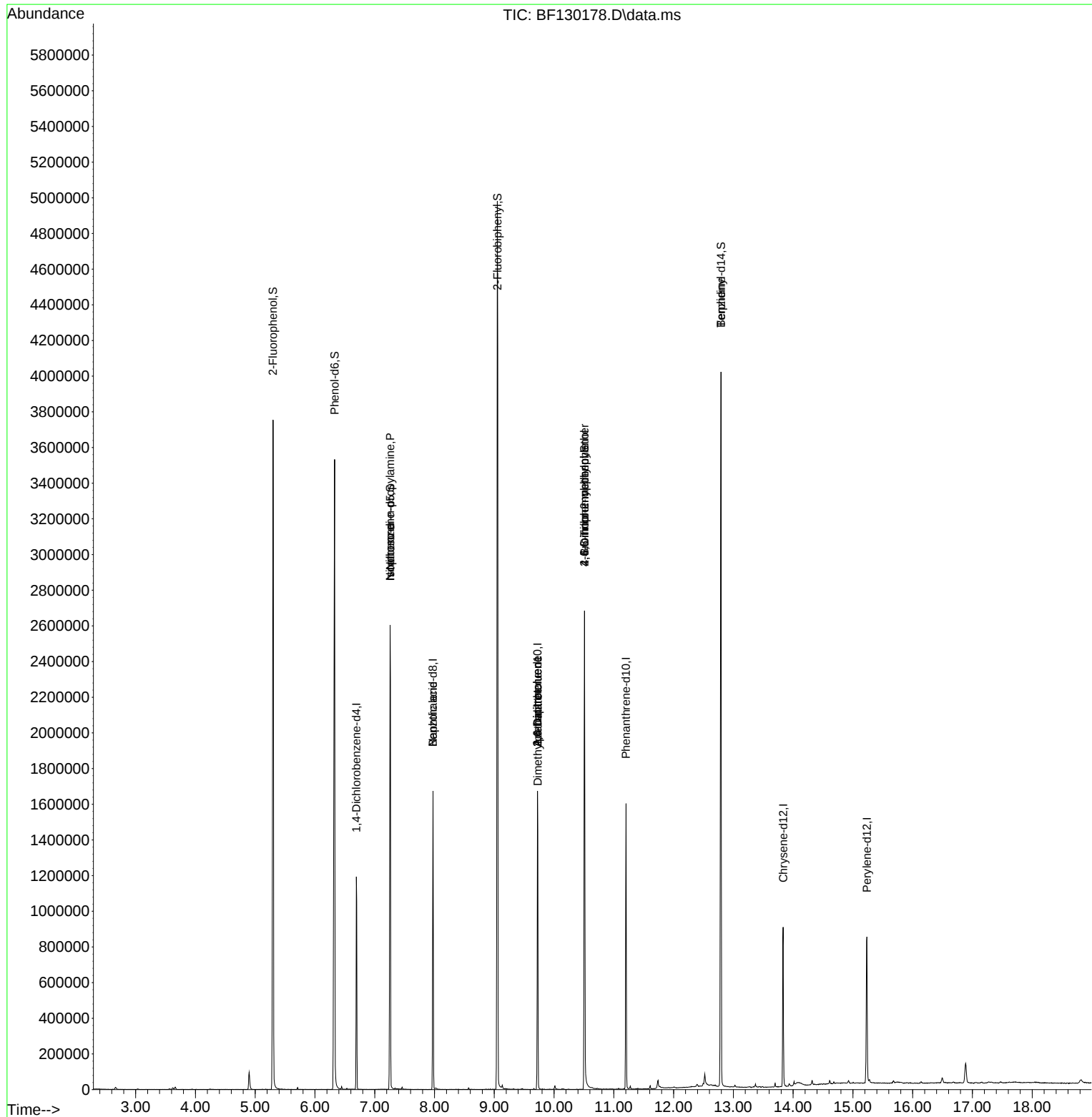
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	176552	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	678425	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	347457	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	532580	20.000	ng	0.00
76) Chrysene-d12	13.833	240	298003	20.000	ng	-0.01
86) Perylene-d12	15.233	264	355128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1238030	119.044	ng	0.00
7) Phenol-d6	6.328	99	1491511	115.037	ng	0.00
23) Nitrobenzene-d5	7.257	82	897735	85.041	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	319362	100.974	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1676243	79.985	ng	0.00
79) Terphenyl-d14	12.792	244	1323147	76.996	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	118100	15.120	ng	# 74
25) Isophorone	7.257	82	891861	41.741	ng	# 65
32) Benzoic acid	7.975	122	226	6.599	ng	# 1
50) Dimethylphthalate	9.728	163	64042	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	44793	9.708	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	44793	8.432	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	738	6.337	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	19915	3.362	ng	# 1
77) Benzidine	12.792	184	18019	2.240	ng	# 91

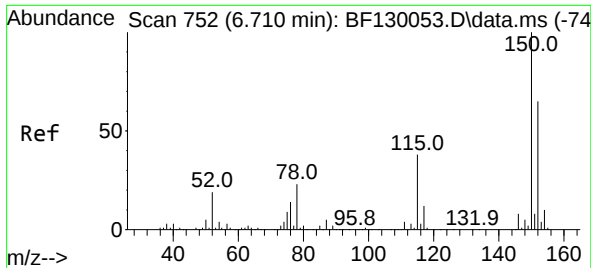
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 02:05:07 2022
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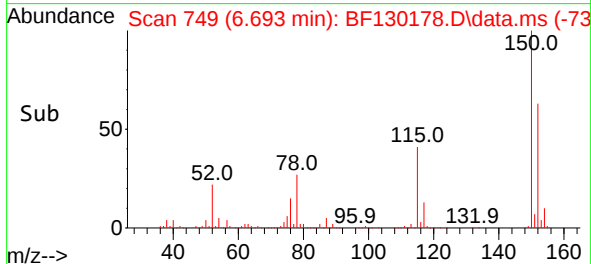
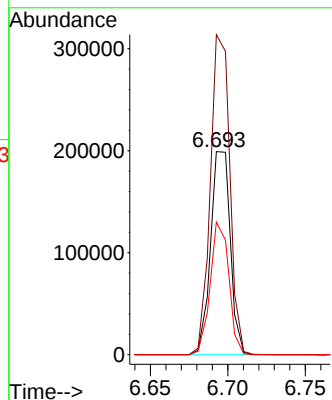
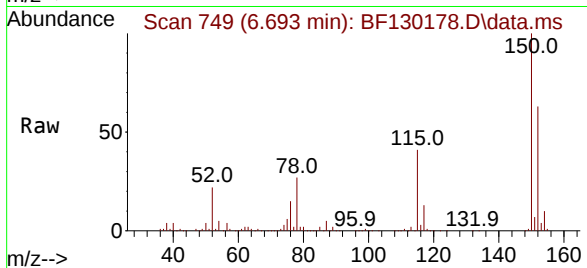




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130178.D
 Acq: 08 Sep 2022 14:54

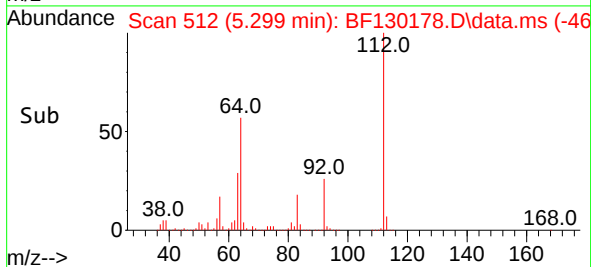
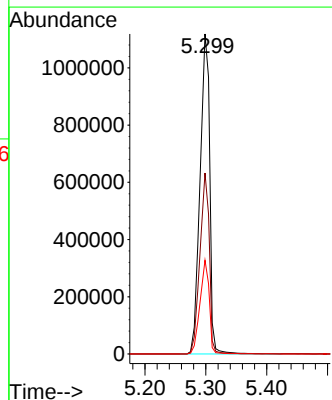
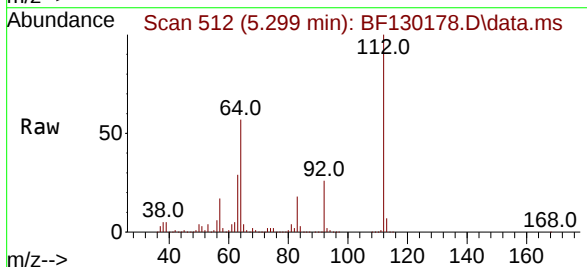
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion:152 Resp: 176552
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.9 190.3
 115 65.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 119.044 ng
 RT: 5.299 min Scan# 512
 Delta R.T. 0.000 min
 Lab File: BF130178.D
 Acq: 08 Sep 2022 14:54

Tgt Ion:112 Resp: 1238030
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.6 71.4
 63 29.3 24.6 37.0

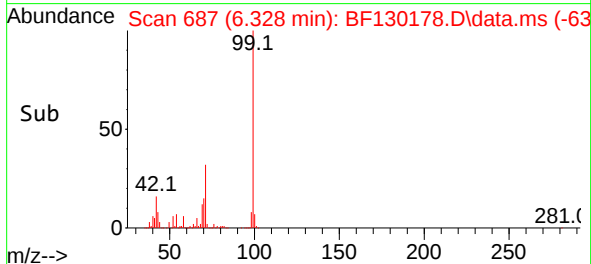
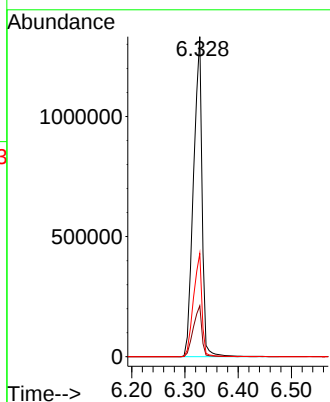
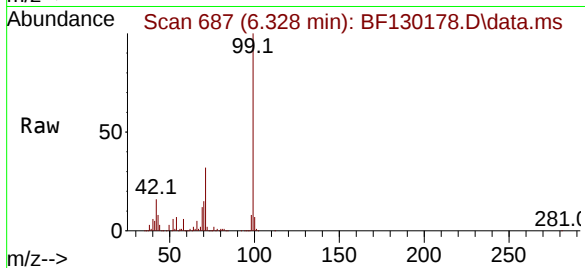




#7
Phenol-d6
Concen: 115.037 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

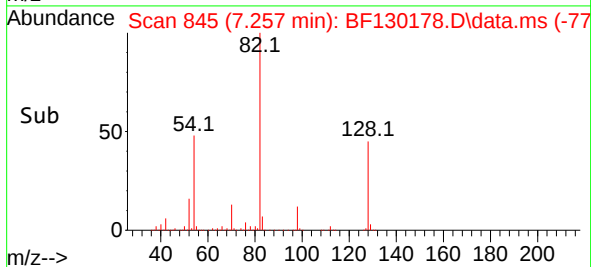
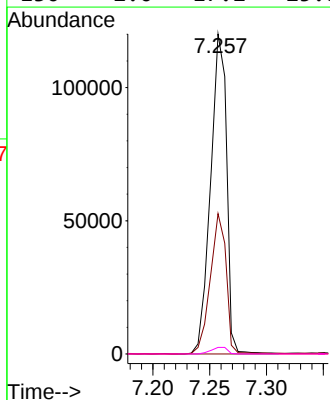
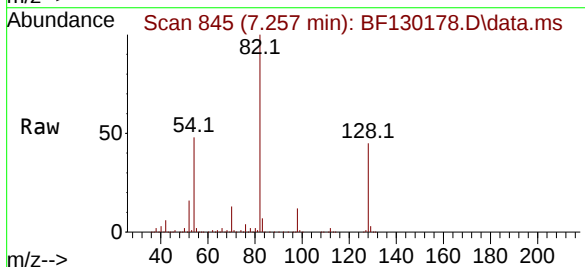
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

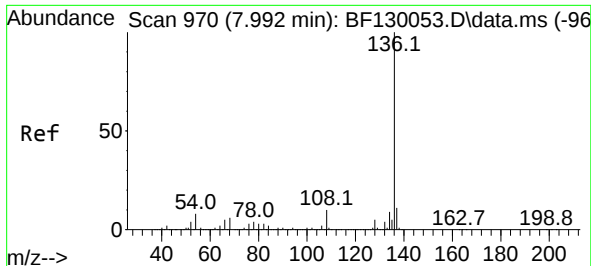
Tgt Ion: 99 Resp: 1491511
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 32.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.120 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Tgt Ion: 70 Resp: 118100
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



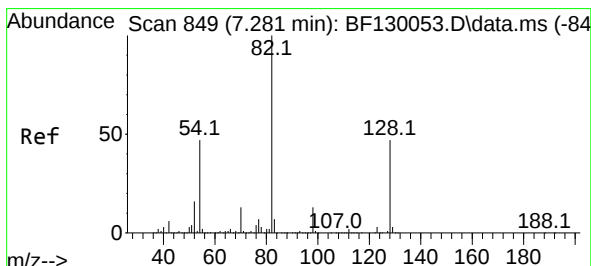
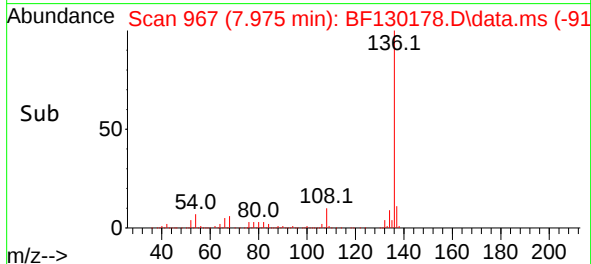
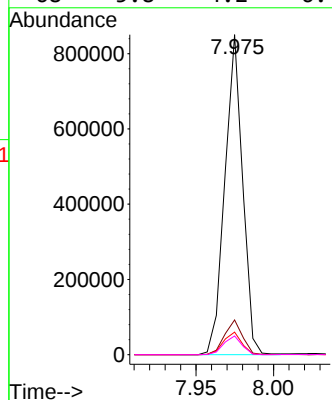
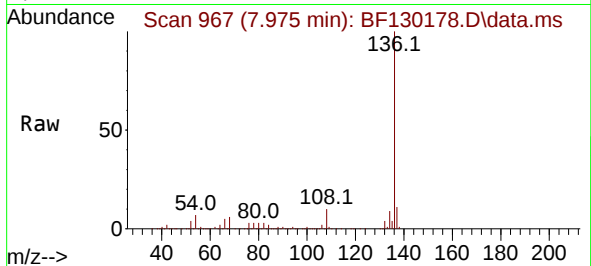


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion:136 Resp: 678425

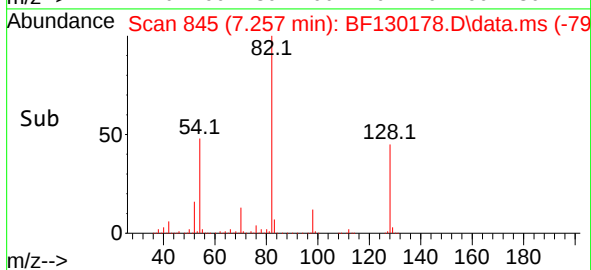
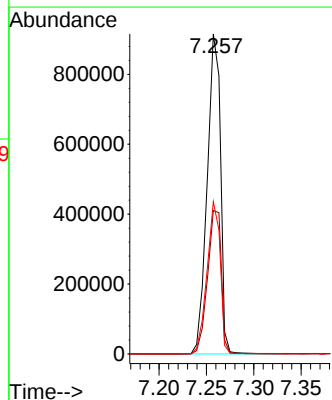
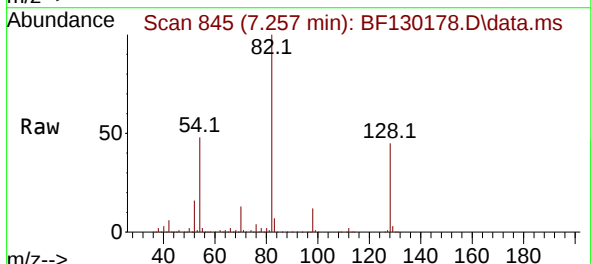
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.1	6.2	9.2
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 85.041 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Tgt Ion: 82 Resp: 897735

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	47.6	40.0	60.0

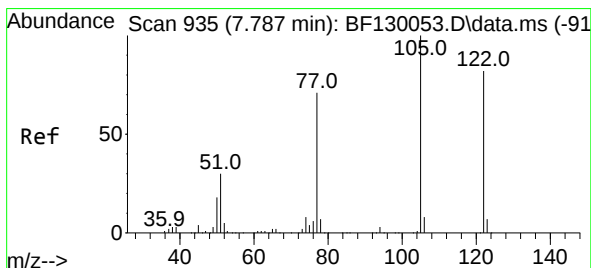
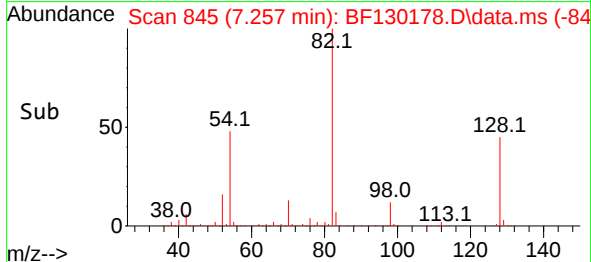
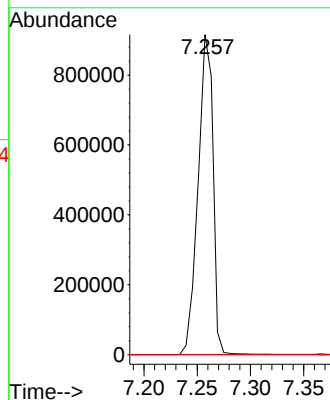
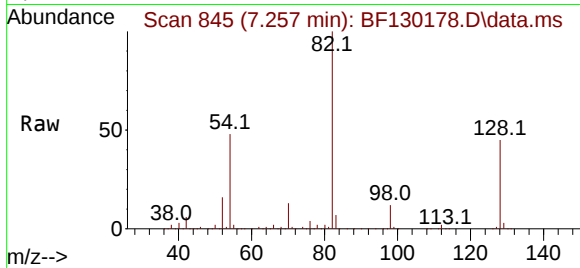




#25
Isophorone
Concen: 41.741 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

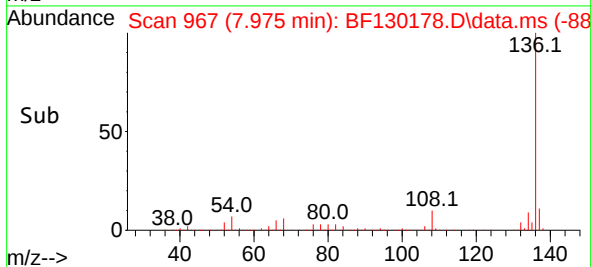
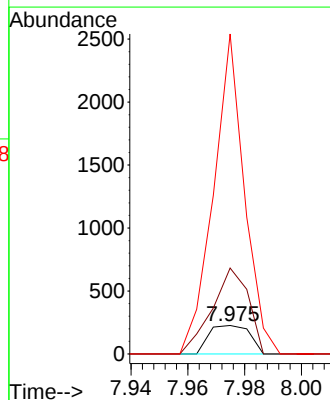
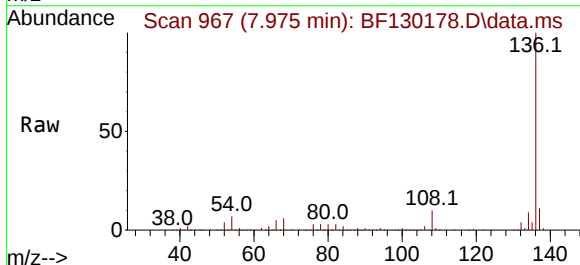
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion: 82 Resp: 891861
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.599 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Tgt Ion:122 Resp: 226
Ion Ratio Lower Upper
122 100
105 302.2 99.9 139.9#
77 1124.3 65.9 105.9#

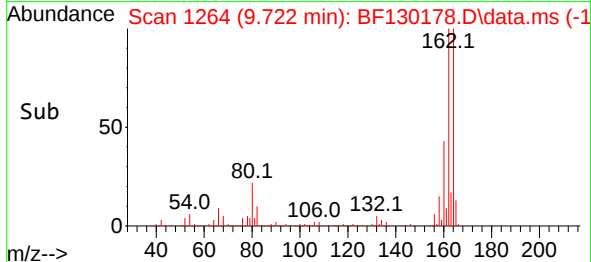
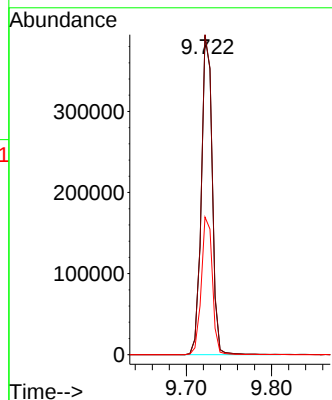
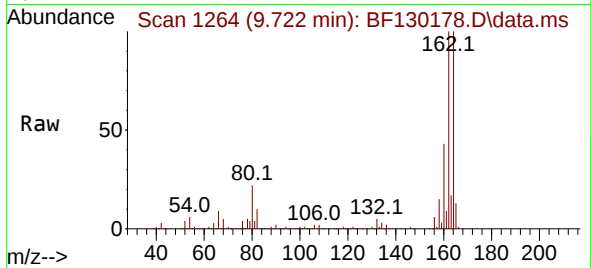




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

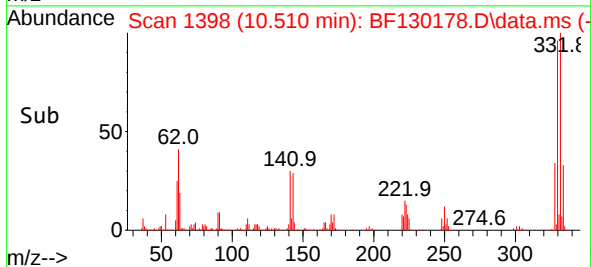
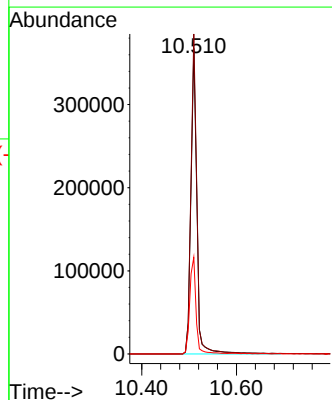
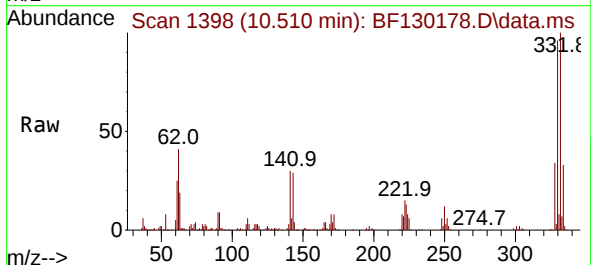
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

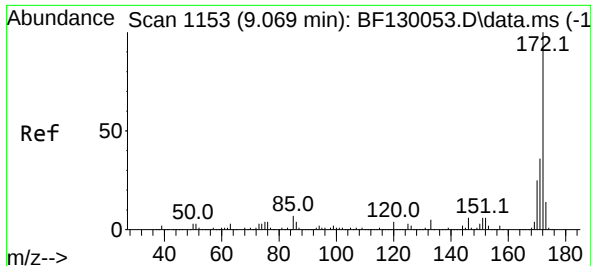
Tgt Ion:164 Resp: 347457
Ion Ratio Lower Upper
164 100
162 100.5 82.0 123.0
160 43.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 100.974 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Tgt Ion:330 Resp: 319362
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 33.3 27.6 41.4

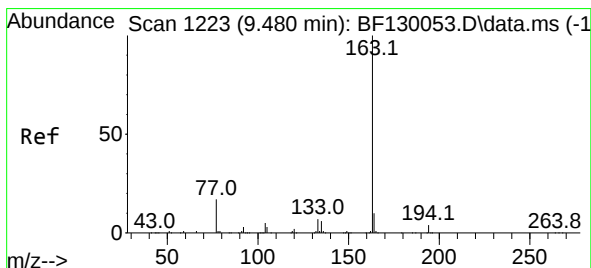
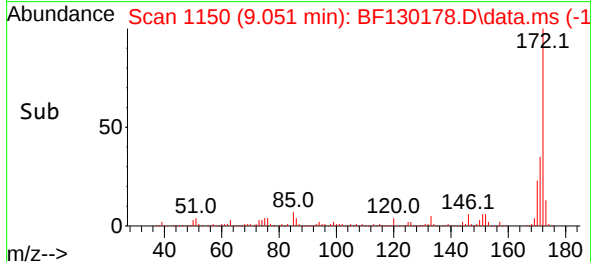
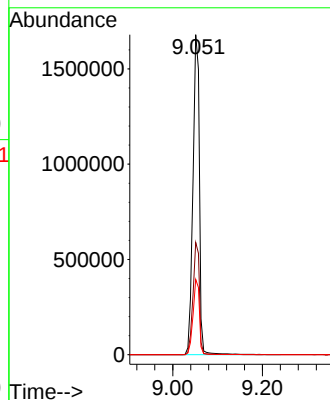
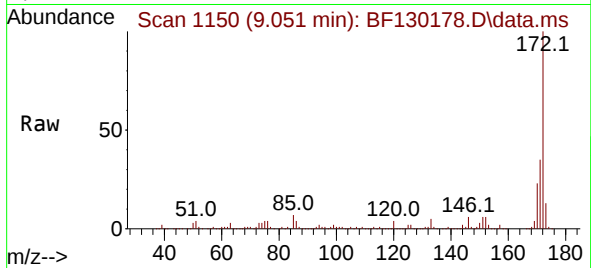




#45
2-Fluorobiphenyl
Concen: 79.985 ng
RT: 9.051 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

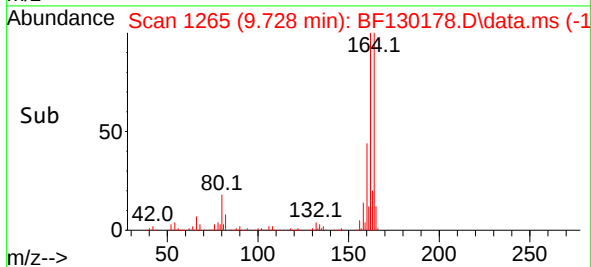
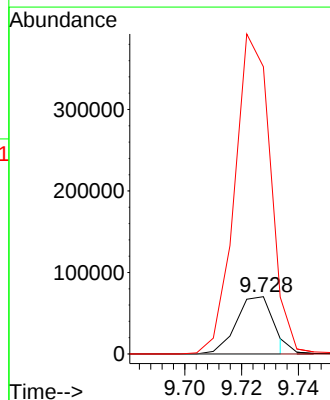
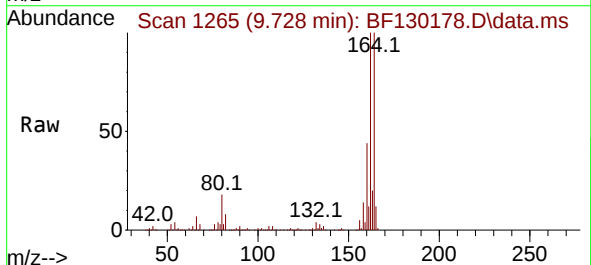
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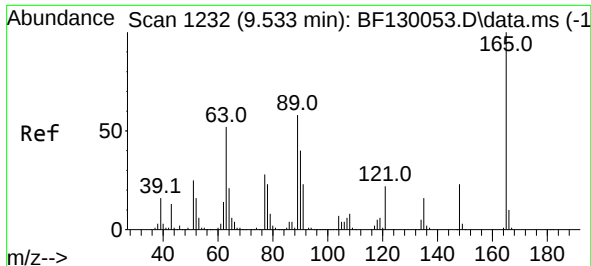
Tgt Ion:172 Resp: 1676243
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.5 19.1 28.7



#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.259 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Tgt Ion:163 Resp: 64042
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 501.6 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.708 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130178.D

Acq: 08 Sep 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

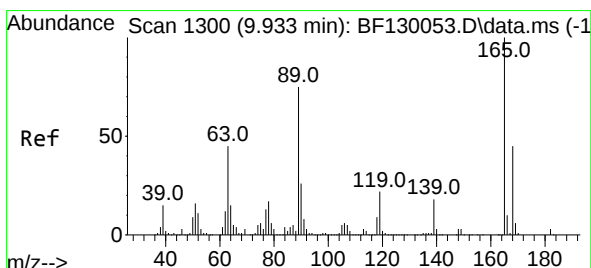
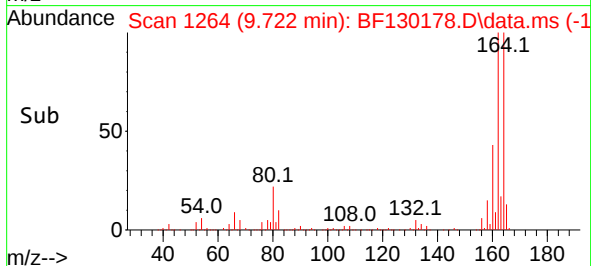
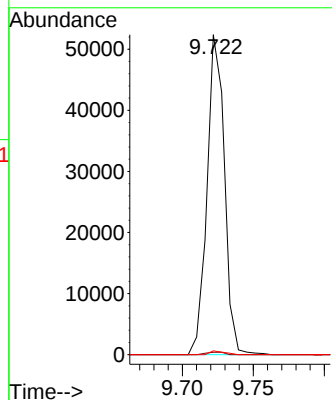
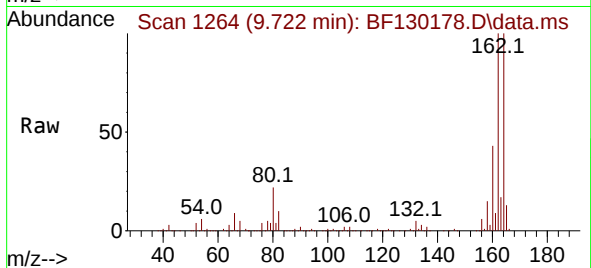
Tgt Ion:165 Resp: 44793

Ion Ratio Lower Upper

165 100

63 0.7 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.432 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130178.D

Acq: 08 Sep 2022 14:54

Tgt Ion:165 Resp: 44793

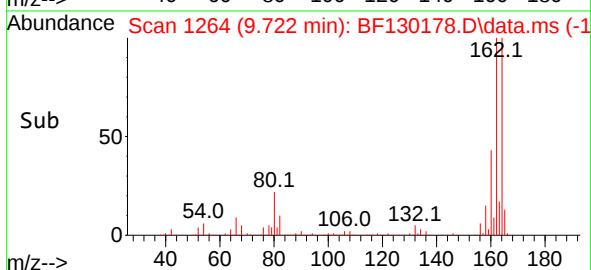
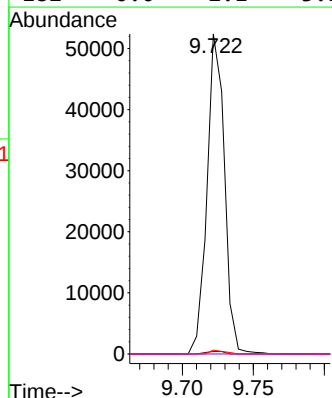
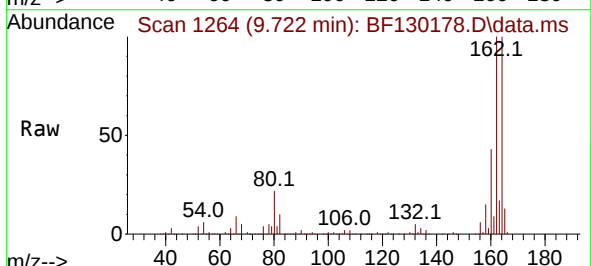
Ion Ratio Lower Upper

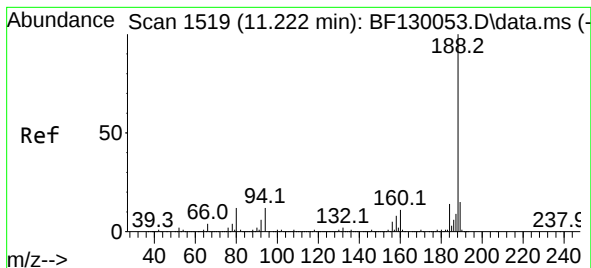
165 100

63 0.7 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130178.D

Acq: 08 Sep 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

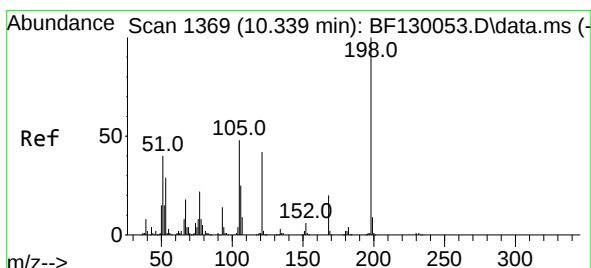
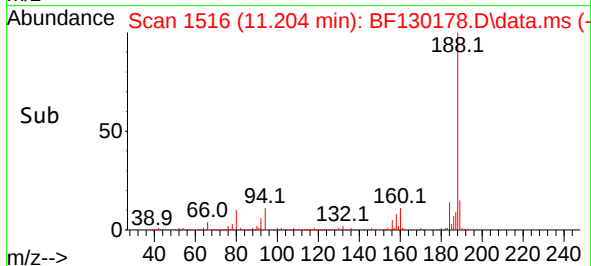
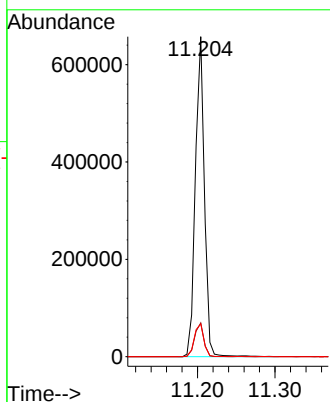
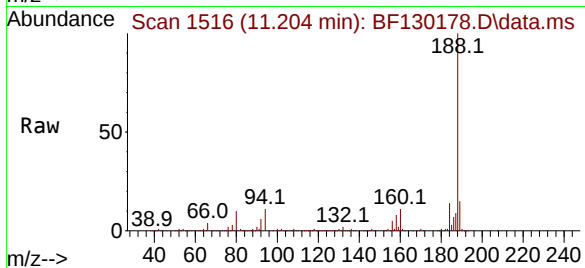
Tgt Ion:188 Resp: 532580

Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.2

80 10.2 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.337 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130178.D

Acq: 08 Sep 2022 14:54

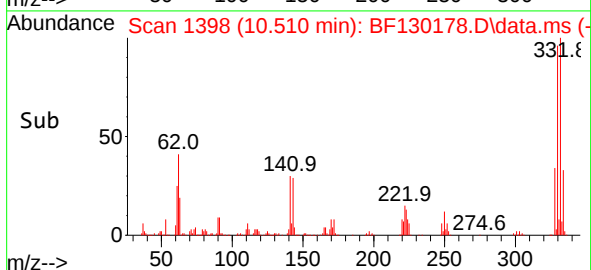
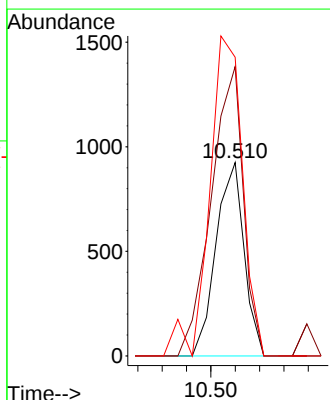
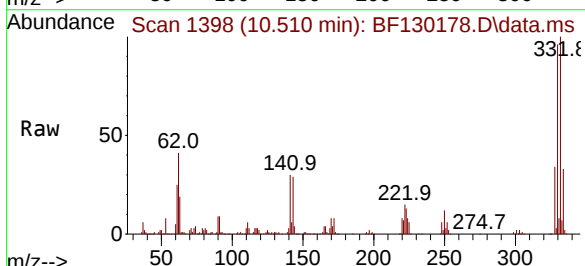
Tgt Ion:198 Resp: 738

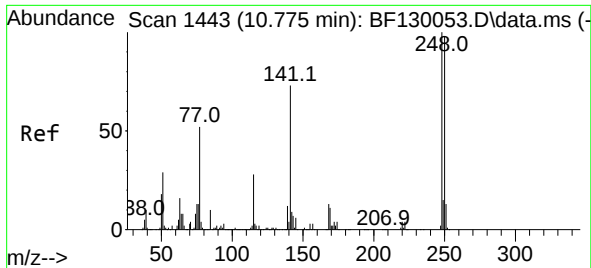
Ion Ratio Lower Upper

198 100

51 149.6 29.4 69.4#

105 154.4 29.2 69.2#

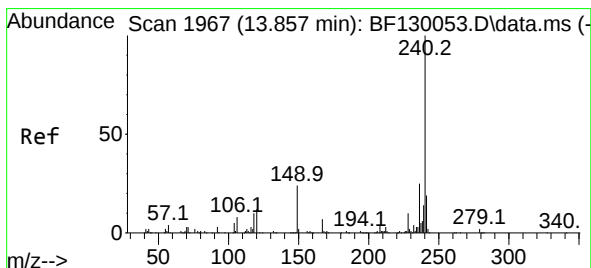
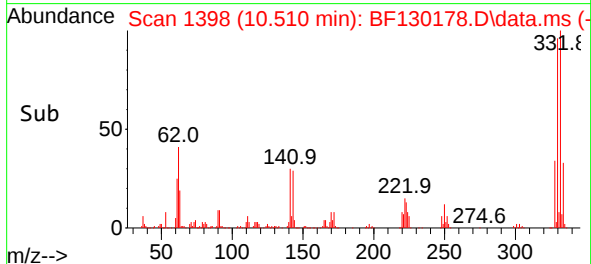
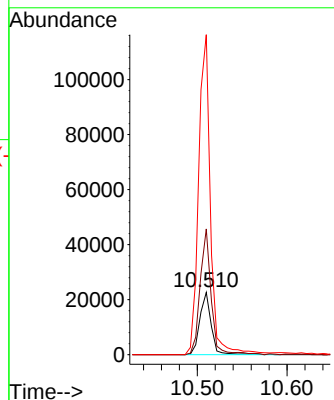
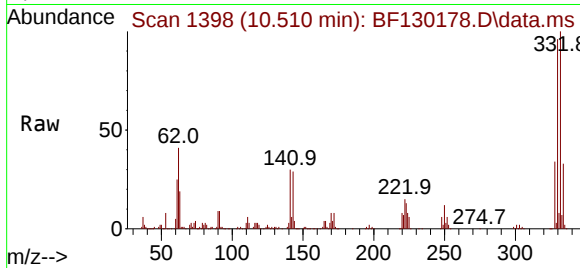




#67
4-Bromophenyl-phenylether
Concen: 3.362 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

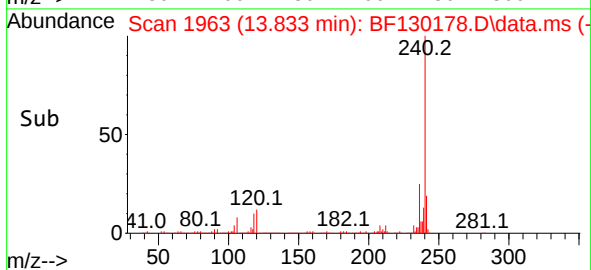
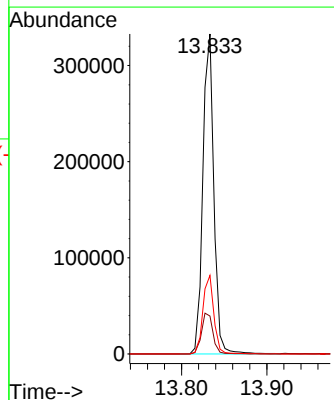
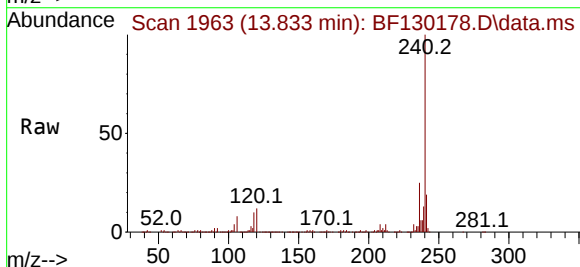
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

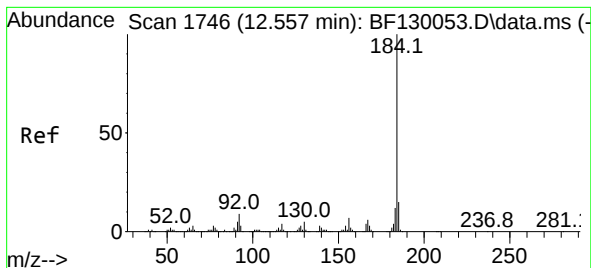
Tgt Ion:248 Resp: 19915
Ion Ratio Lower Upper
248 100
250 201.9 77.8 116.6#
141 513.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Tgt Ion:240 Resp: 298003
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 24.5 20.7 31.1





#77

Benzidine

Concen: 2.240 ng

RT: 12.792 min Scan# 1786

Delta R.T. 0.247 min

Lab File: BF130178.D

Acq: 08 Sep 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

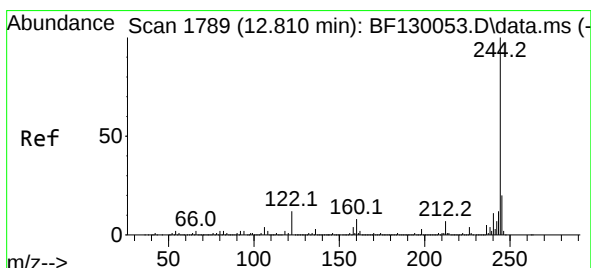
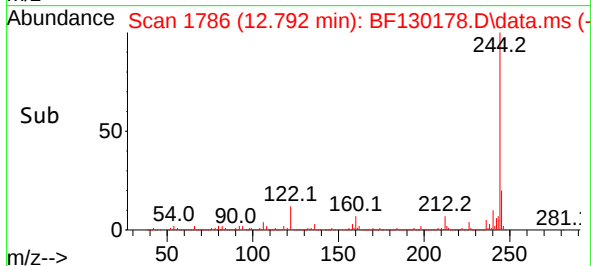
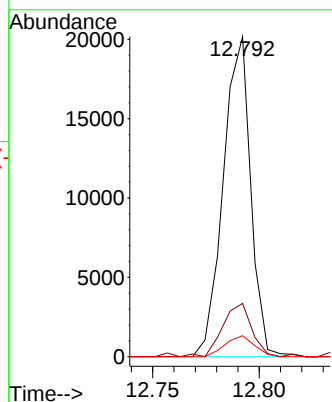
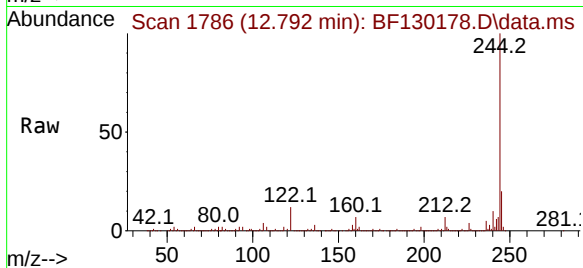
Tgt Ion:184 Resp: 18019

Ion Ratio Lower Upper

184 100

185 16.6 11.4 17.2

183 6.5 9.4 14.2#



#79

Terphenyl-d14

Concen: 76.996 ng

RT: 12.792 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF130178.D

Acq: 08 Sep 2022 14:54

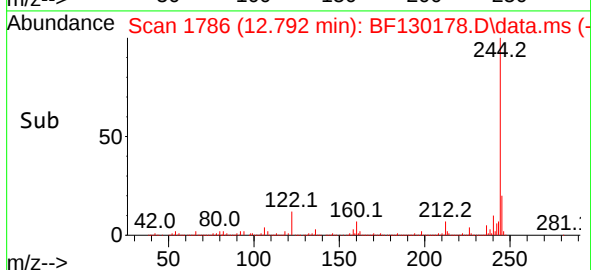
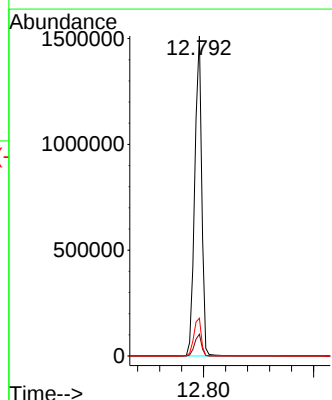
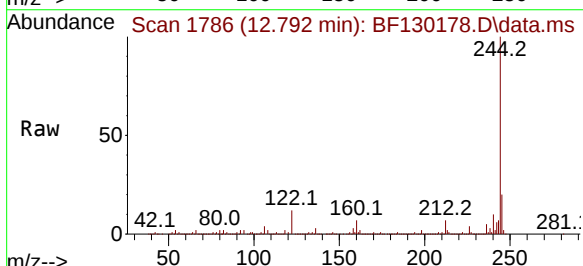
Tgt Ion:244 Resp: 1323147

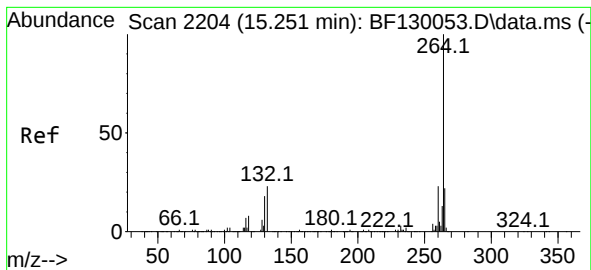
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 11.8 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130178.D
Acq: 08 Sep 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion:264 Resp: 355128
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.2 16.7 25.1

