

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130195.D
 Acq On : 09 Sep 2022 15:14
 Operator : CG\JU
 Sample : N4539-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MBD-WC-S-SB-1-2-0-5

Quant Time: Sep 09 23:46:46 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)

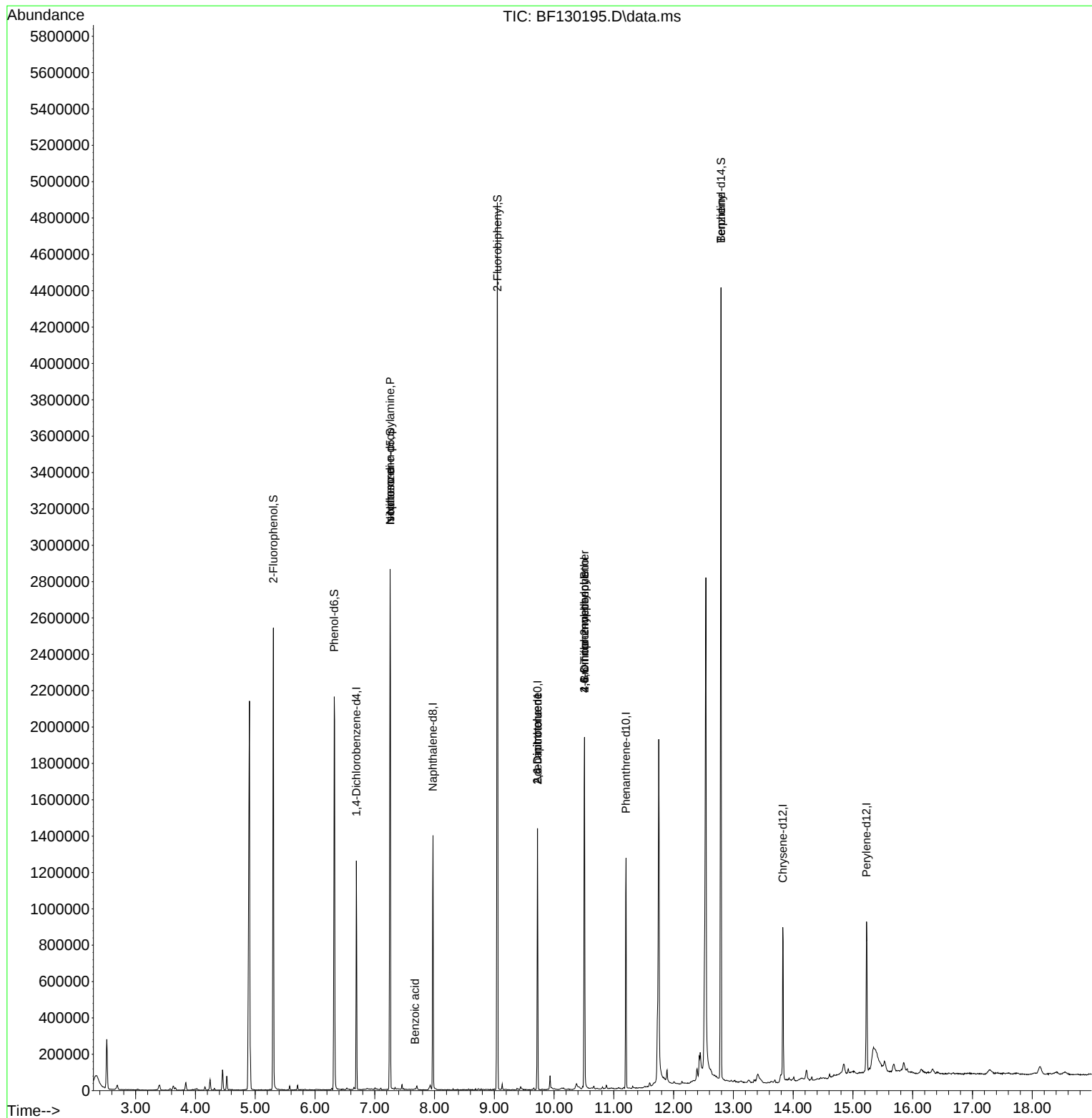
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	173442	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	594313	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	265933	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	434667	20.000	ng	0.00
76) Chrysene-d12	13.827	240	278499	20.000	ng	-0.02
86) Perylene-d12	15.227	264	349338	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	710709	69.564	ng	0.00
7) Phenol-d6	6.322	99	833036	65.402	ng	-0.01
23) Nitrobenzene-d5	7.257	82	999172	108.046	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	234927	97.048	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1439361	89.737	ng	0.00
79) Terphenyl-d14	12.792	244	1416200	88.182	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	129784	16.914	ng	# 75
25) Isophorone	7.257	82	995449	53.183	ng	# 65
32) Benzoic acid	7.675	122	1526	6.778	ng	92
51) 2,6-Dinitrotoluene	9.722	165	34862	9.872	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	34862	8.574	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	594	6.334	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	14414	2.981	ng	# 1
77) Benzidine	12.792	184	19717	2.622	ng	# 89

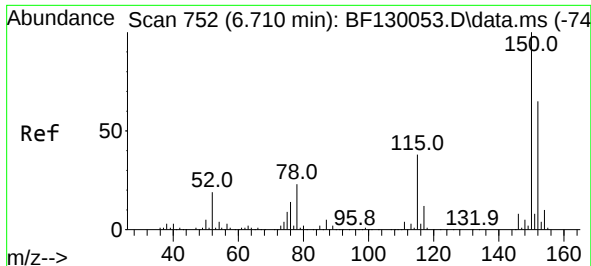
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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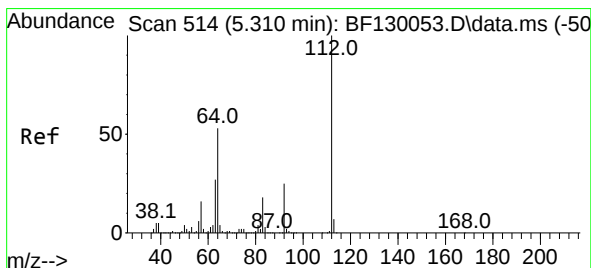
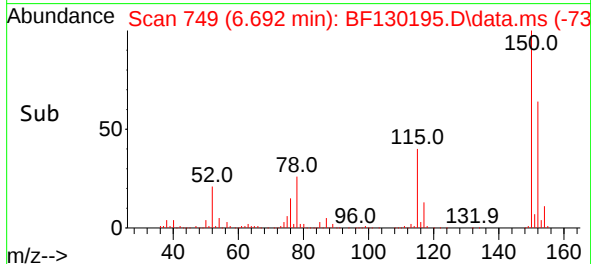
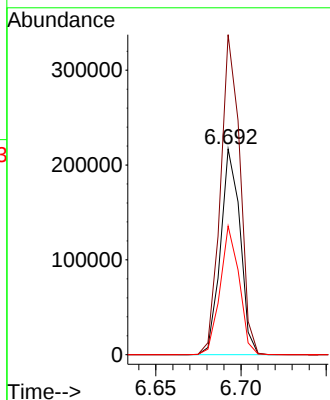
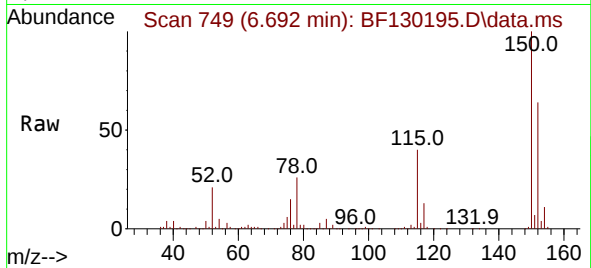




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

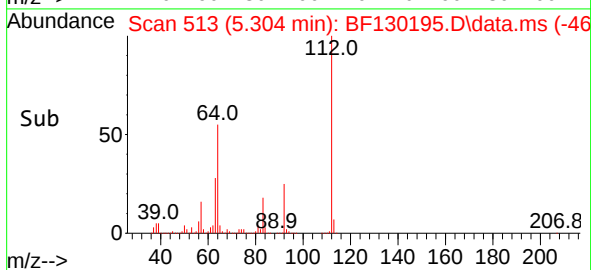
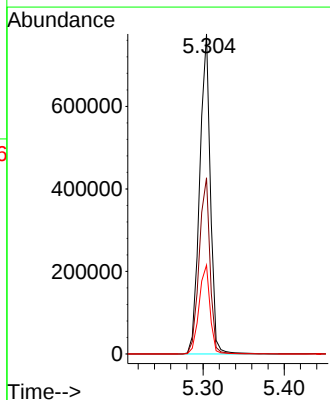
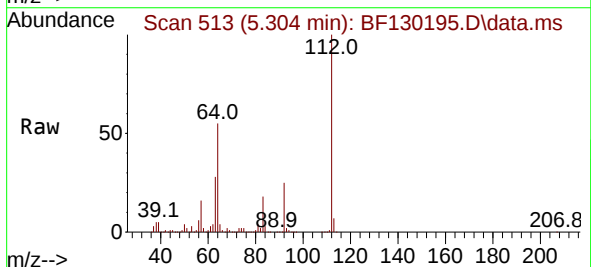
Instrument :
BNA_F
ClientSampleId :
MBD-WC-S-SB-1-2-0-5

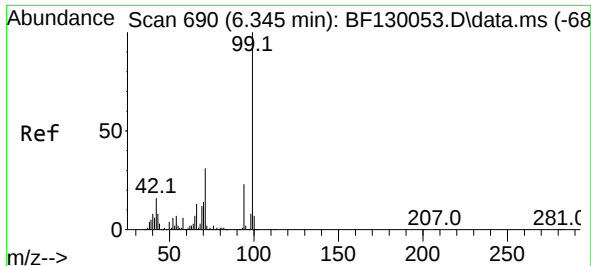
Tgt Ion:152 Resp: 173442
Ion Ratio Lower Upper
152 100
150 155.5 126.9 190.3
115 62.5 53.4 80.0



#5
2-Fluorophenol
Concen: 69.564 ng
RT: 5.304 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion:112 Resp: 710709
Ion Ratio Lower Upper
112 100
64 55.1 47.6 71.4
63 27.7 24.6 37.0

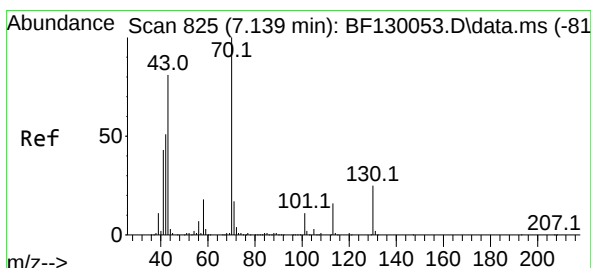
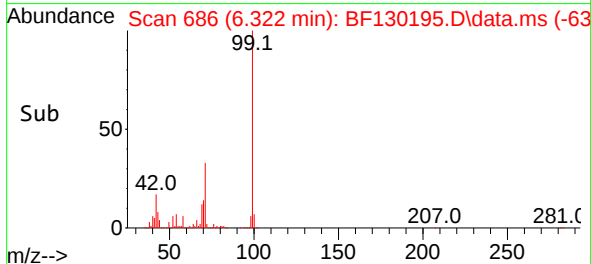
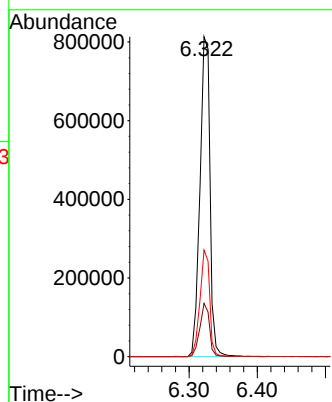
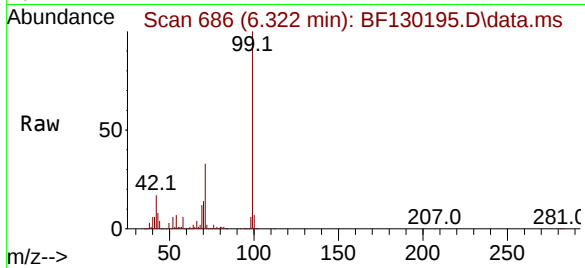




#7
Phenol-d6
Concen: 65.402 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

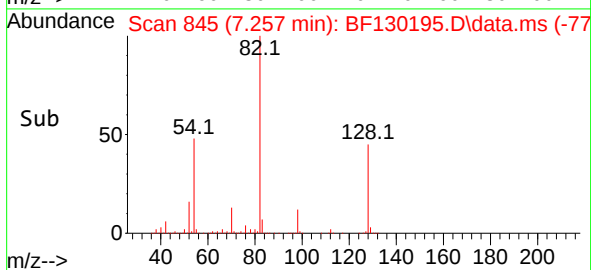
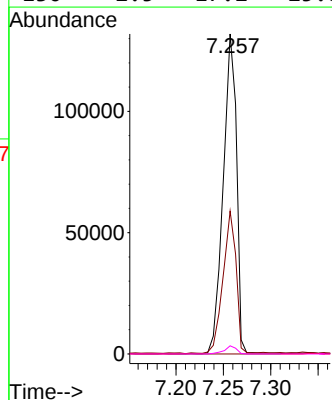
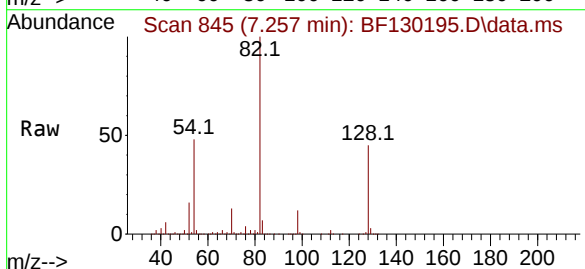
Instrument :
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ClientSampleId :
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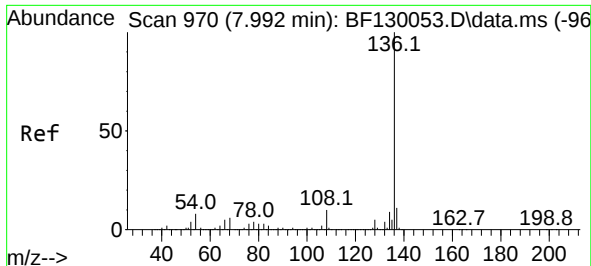
Tgt Ion: 99 Resp: 833036
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.4
71 33.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.914 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion: 70 Resp: 129784
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

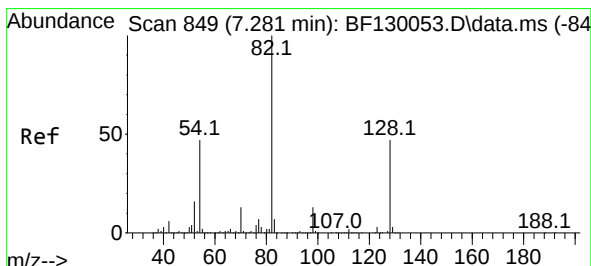
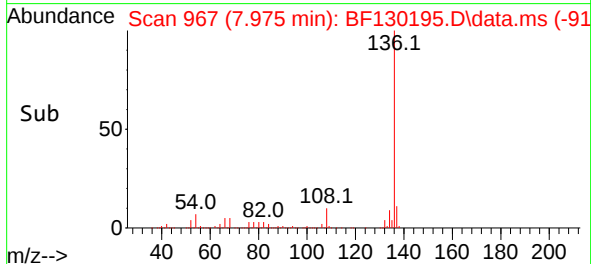
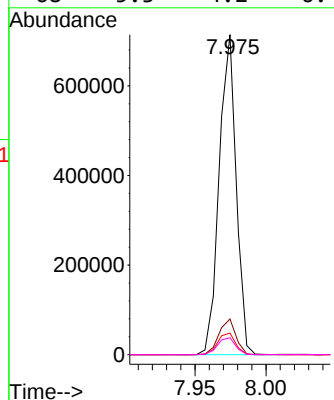
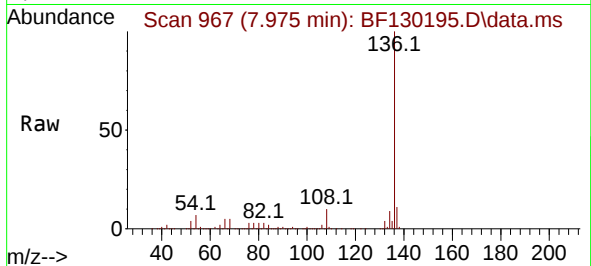




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

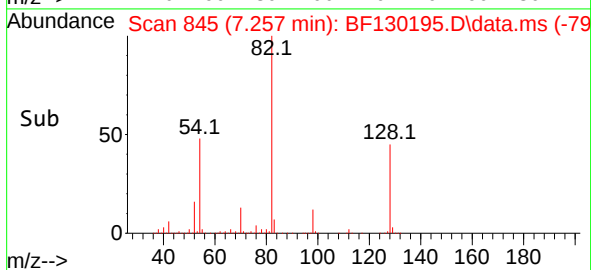
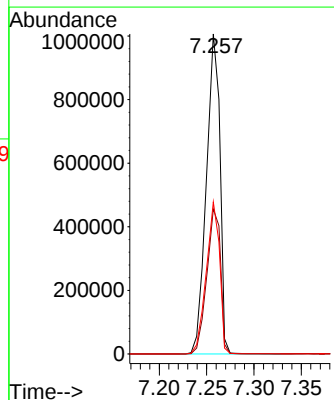
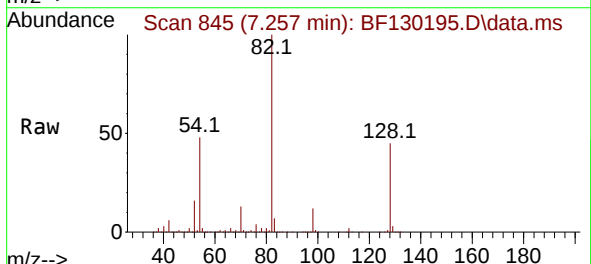
Instrument :
BNA_F
ClientSampleId :
MBD-WC-S-SB-1-2-0-5

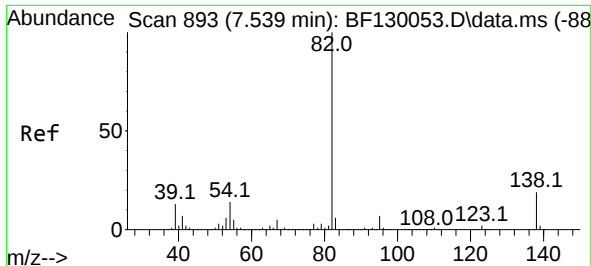
Tgt Ion:	136	Resp:	594313
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.8	6.2	9.2
68	5.3	4.2	6.4



#23
Nitrobenzene-d5
Concen: 108.046 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion:	82	Resp:	999172
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	47.5	40.0	60.0

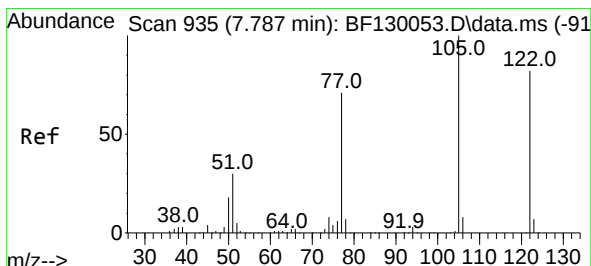
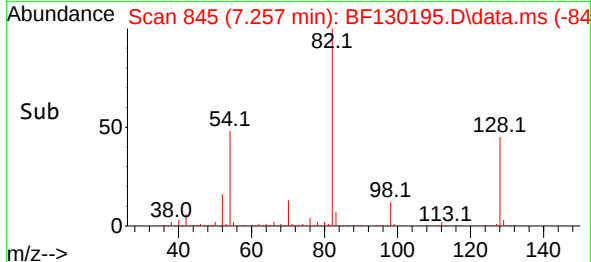
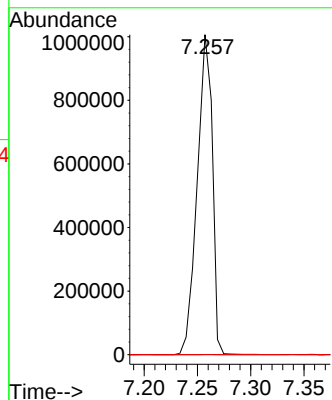
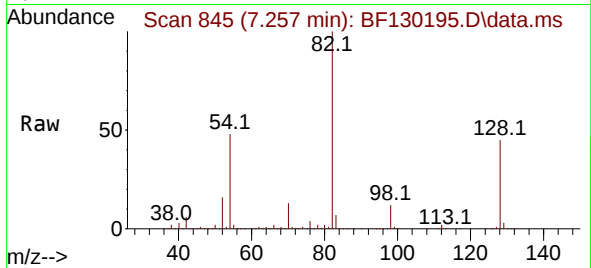




#25
Isophorone
Concen: 53.183 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

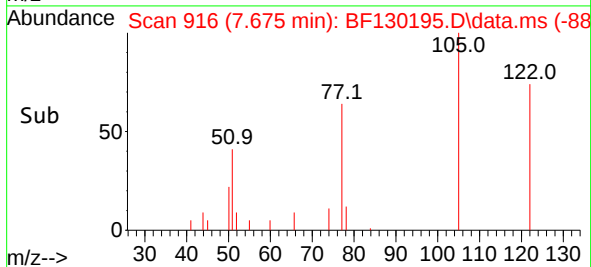
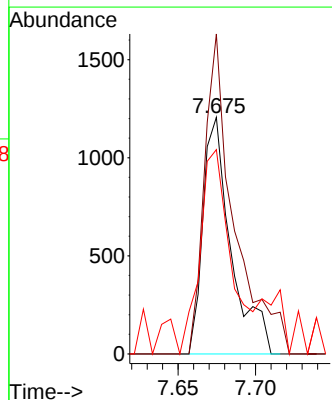
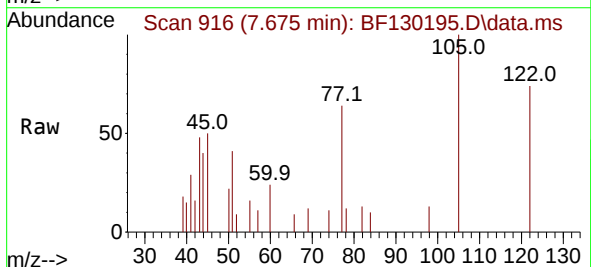
Instrument :
BNA_F
ClientSampleId :
MBD-WC-S-SB-1-2-0-5

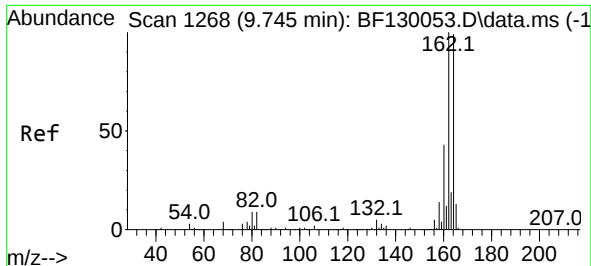
Tgt Ion: 82 Resp: 995449
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.778 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.094 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion: 122 Resp: 1526
Ion Ratio Lower Upper
122 100
105 135.2 99.9 139.9
77 86.3 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130195.D

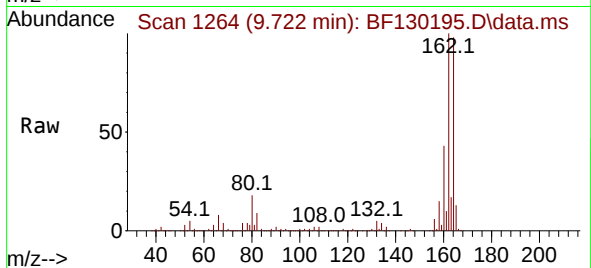
Acq: 09 Sep 2022 15:14

Instrument :

BNA_F

ClientSampleId :

MBD-WC-S-SB-1-2-0-5



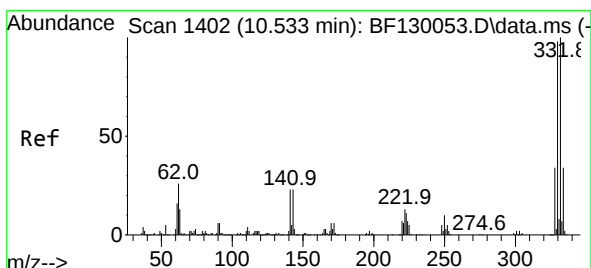
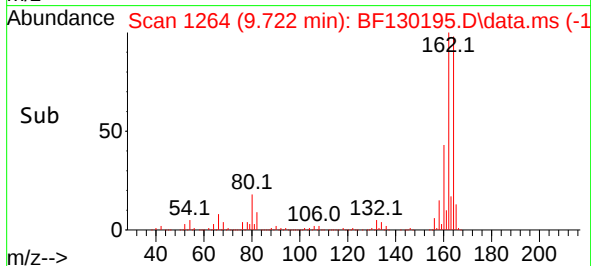
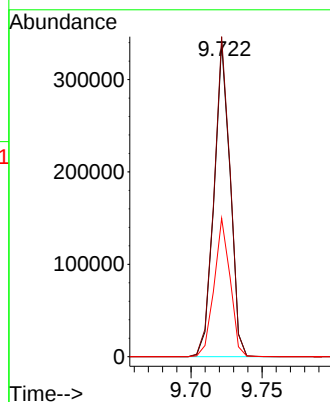
Tgt Ion:164 Resp: 265933

Ion Ratio Lower Upper

164 100

162 101.9 82.0 123.0

160 44.1 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 97.048 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130195.D

Acq: 09 Sep 2022 15:14

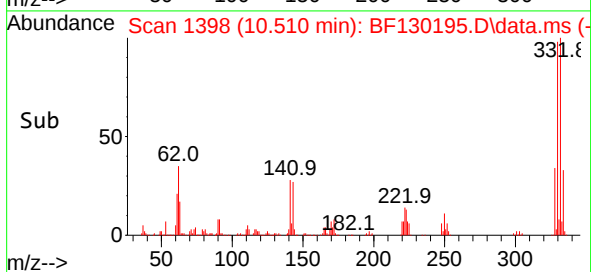
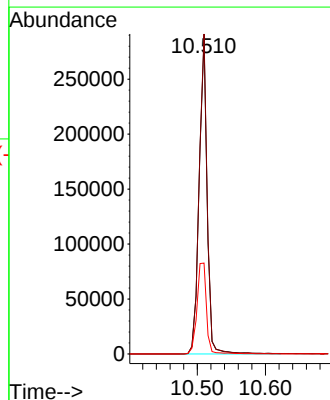
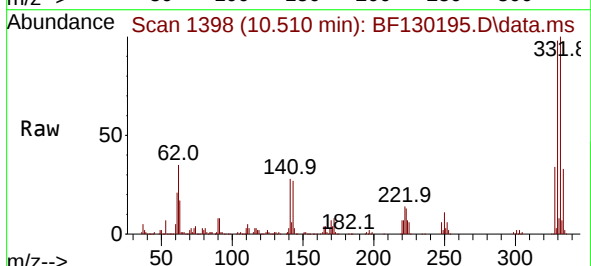
Tgt Ion:330 Resp: 234927

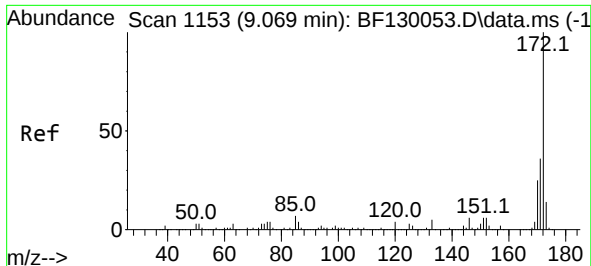
Ion Ratio Lower Upper

330 100

332 101.8 82.6 124.0

141 34.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 89.737 ng

RT: 9.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130195.D

Acq: 09 Sep 2022 15:14

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BNA_F

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MBD-WC-S-SB-1-2-0-5

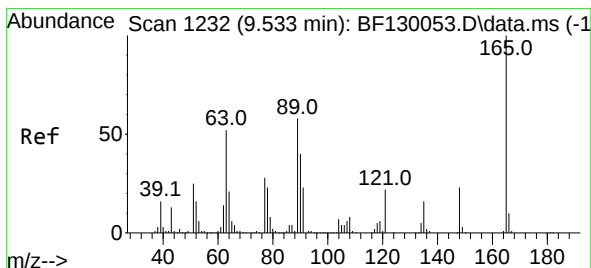
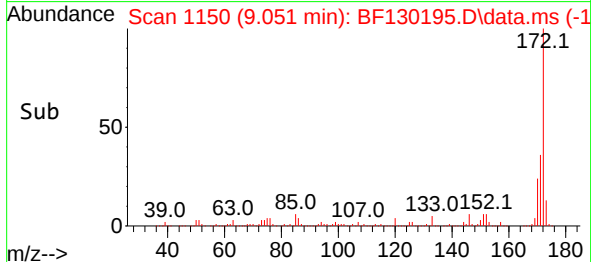
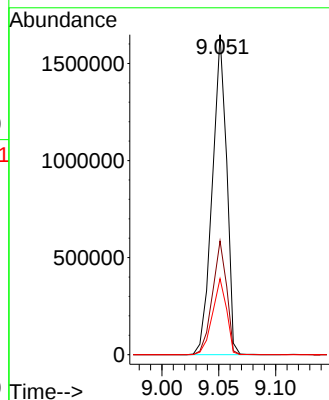
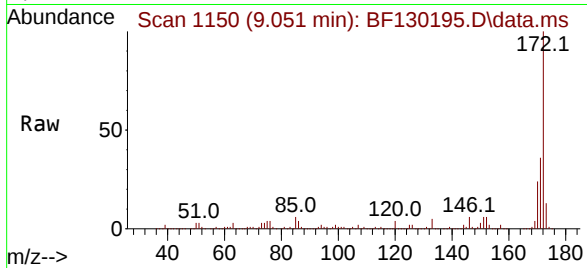
Tgt Ion:172 Resp: 1439361

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.872 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130195.D

Acq: 09 Sep 2022 15:14

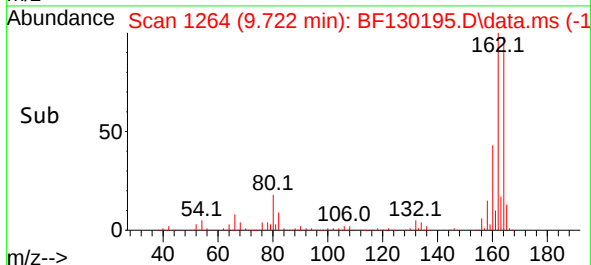
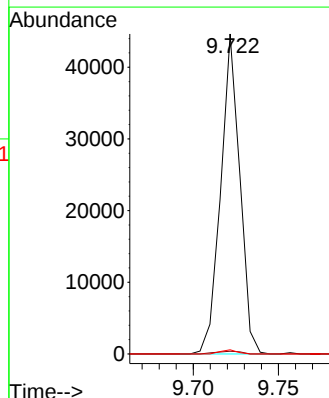
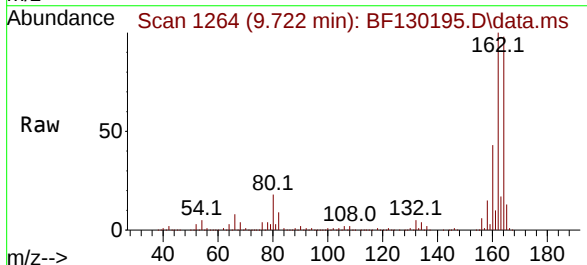
Tgt Ion:165 Resp: 34862

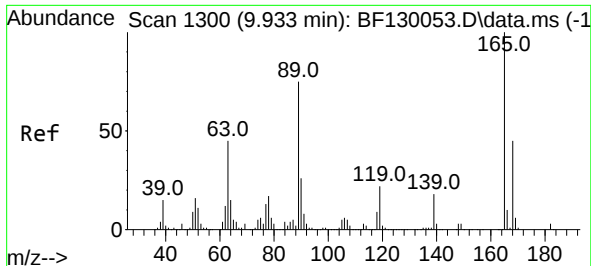
Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.3 47.2 70.8#

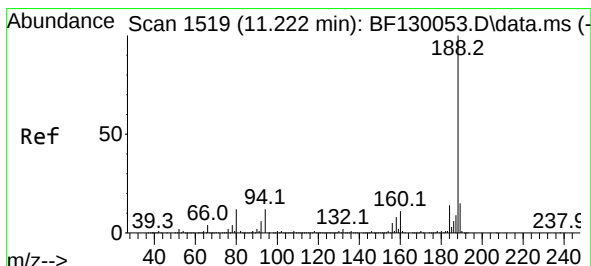
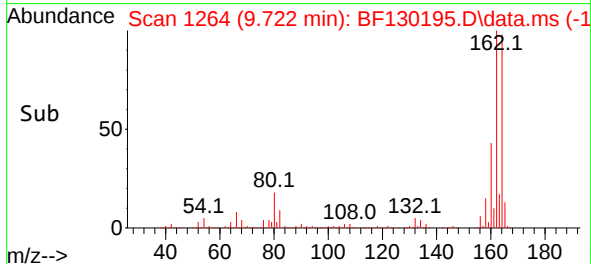
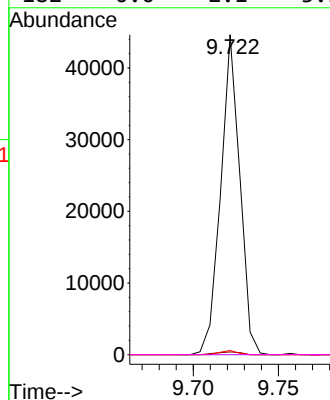
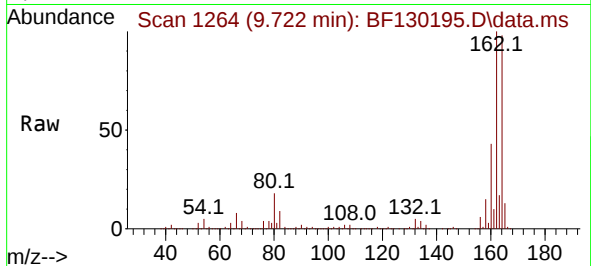




#57
2,4-Dinitrotoluene
Concen: 8.574 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

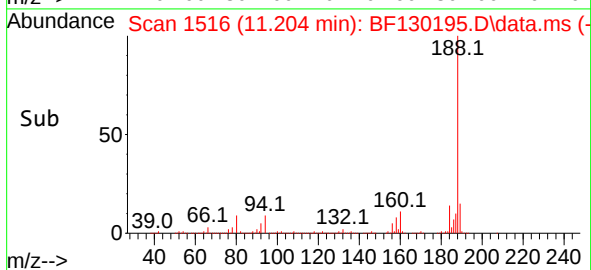
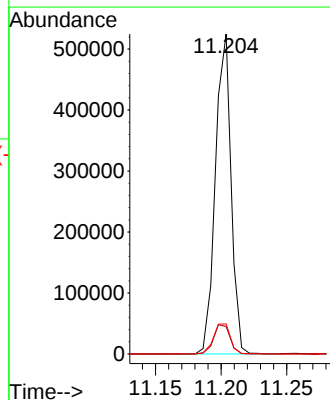
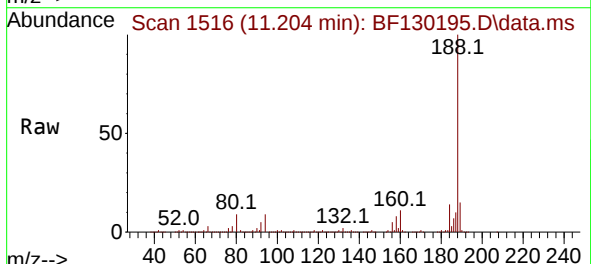
Instrument :
BNA_F
ClientSampleId :
MBD-WC-S-SB-1-2-0-5

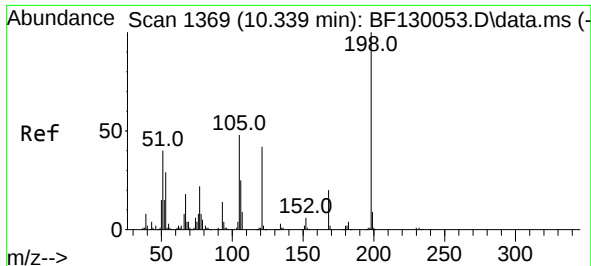
Tgt Ion:165 Resp: 34862
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion:188 Resp: 434667
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.4 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 6.334 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130195.D

Acq: 09 Sep 2022 15:14

Instrument :

BNA_F

ClientSampleId :

MBD-WC-S-SB-1-2-0-5

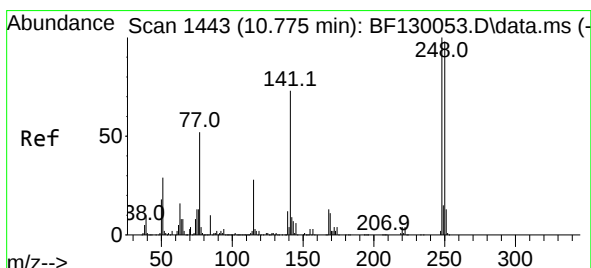
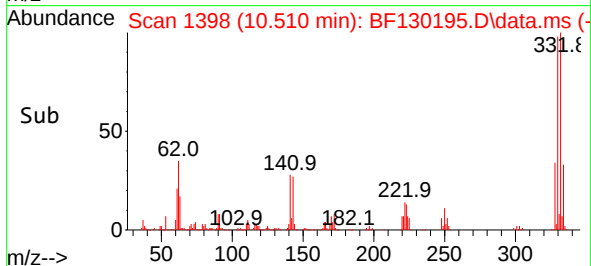
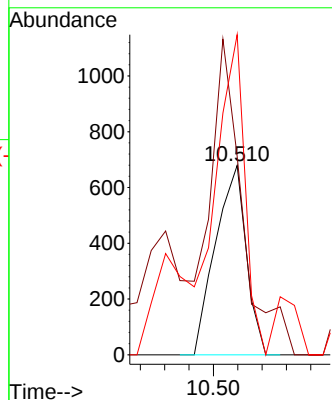
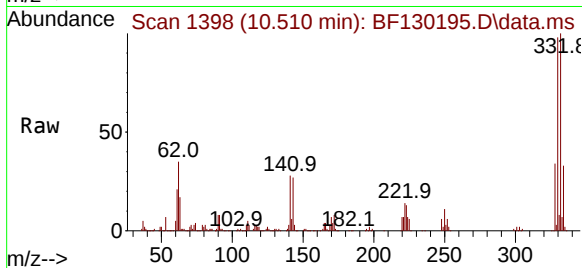
Tgt Ion:198 Resp: 594

Ion Ratio Lower Upper

198 100

51 104.9 29.4 69.4#

105 169.1 29.2 69.2#



#67

4-Bromophenyl-phenylether

Concen: 2.981 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.253 min

Lab File: BF130195.D

Acq: 09 Sep 2022 15:14

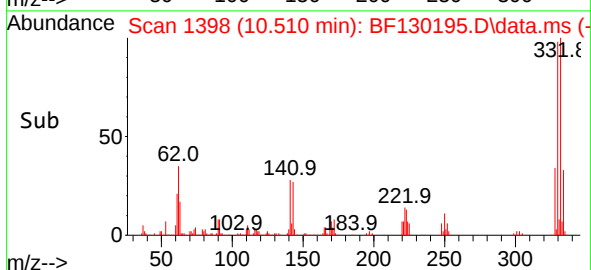
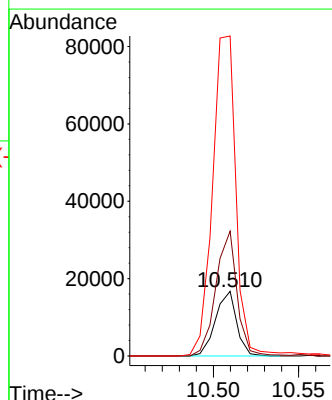
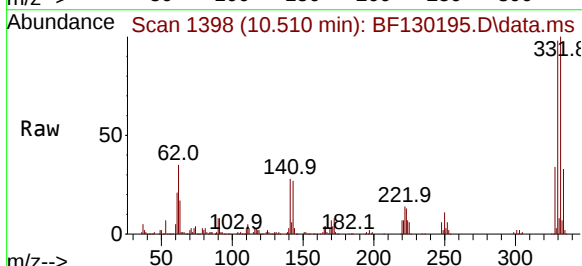
Tgt Ion:248 Resp: 14414

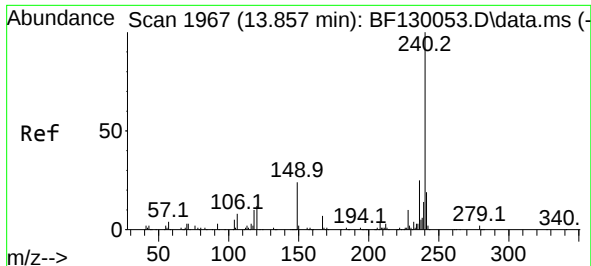
Ion Ratio Lower Upper

248 100

250 193.2 77.8 116.6#

141 495.5 66.2 99.2#

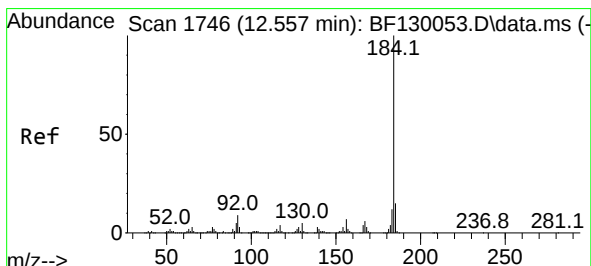
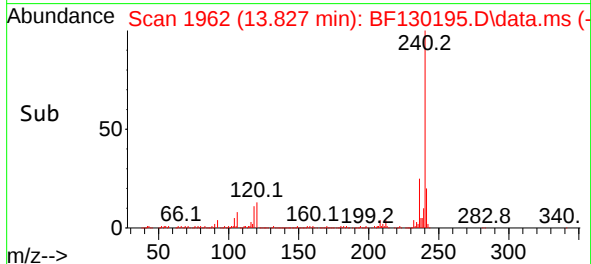
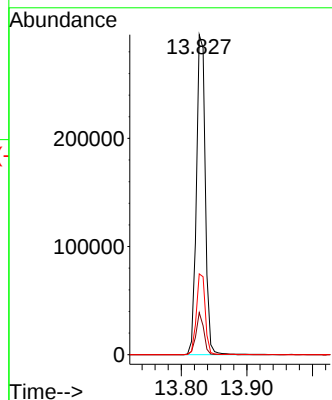
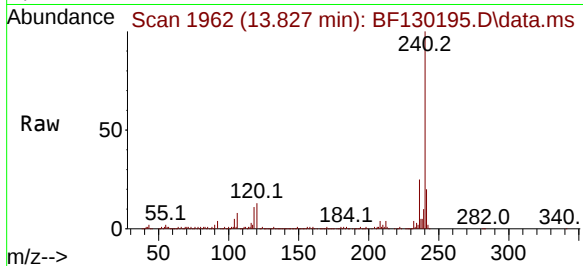




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

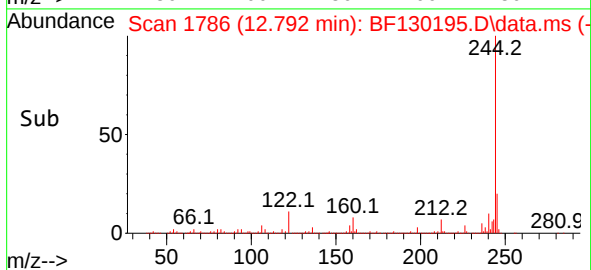
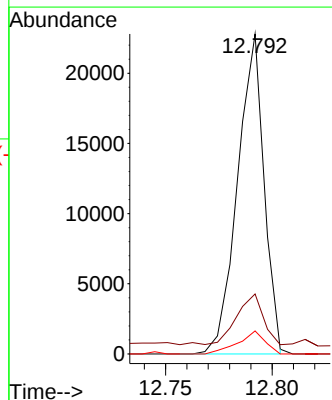
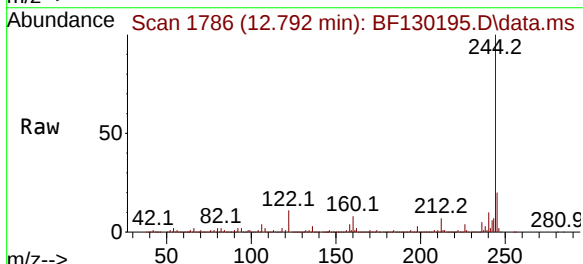
Instrument :
BNA_F
ClientSampleId :
MBD-WC-S-SB-1-2-0-5

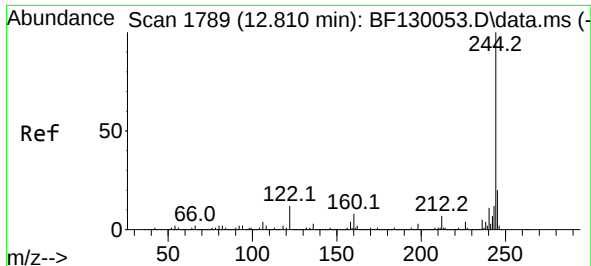
Tgt Ion:240 Resp: 278499
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 25.2 20.7 31.1



#77
Benzidine
Concen: 2.622 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130195.D
Acq: 09 Sep 2022 15:14

Tgt Ion:184 Resp: 19717
Ion Ratio Lower Upper
184 100
185 18.7 11.4 17.2#
183 7.2 9.4 14.2#

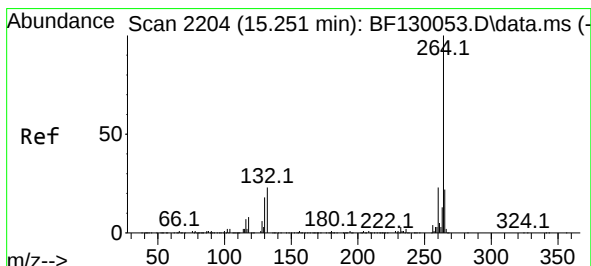
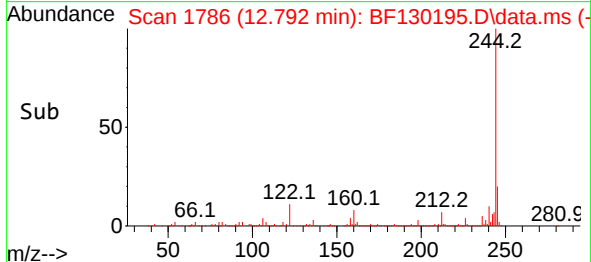
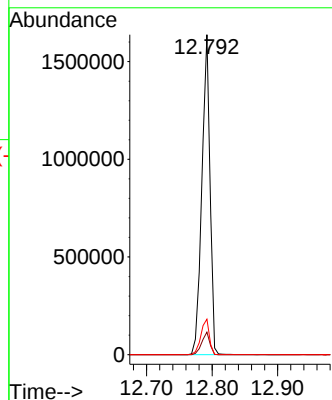
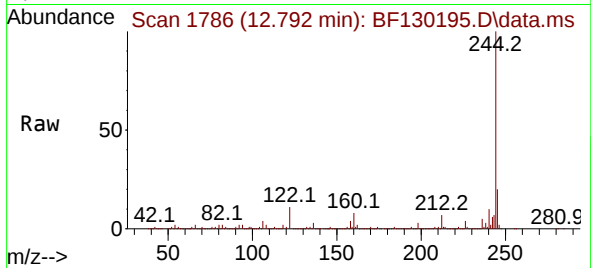




#79
 Terphenyl-d14
 Concen: 88.182 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

Instrument :
 BNA_F
 ClientSampleId :
 MBD-WC-S-SB-1-2-0-5

Tgt Ion:244 Resp: 1416200
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.227 min Scan# 2200
 Delta R.T. -0.012 min
 Lab File: BF130195.D
 Acq: 09 Sep 2022 15:14

Tgt Ion:264 Resp: 349338
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 16.7 25.1

