

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132804.D
 Acq On : 15 Mar 2023 15:41
 Operator : CG\JU
 Sample : 01908-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HILLBOR-DRUMS-0314

Quant Time: Mar 15 16:02:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

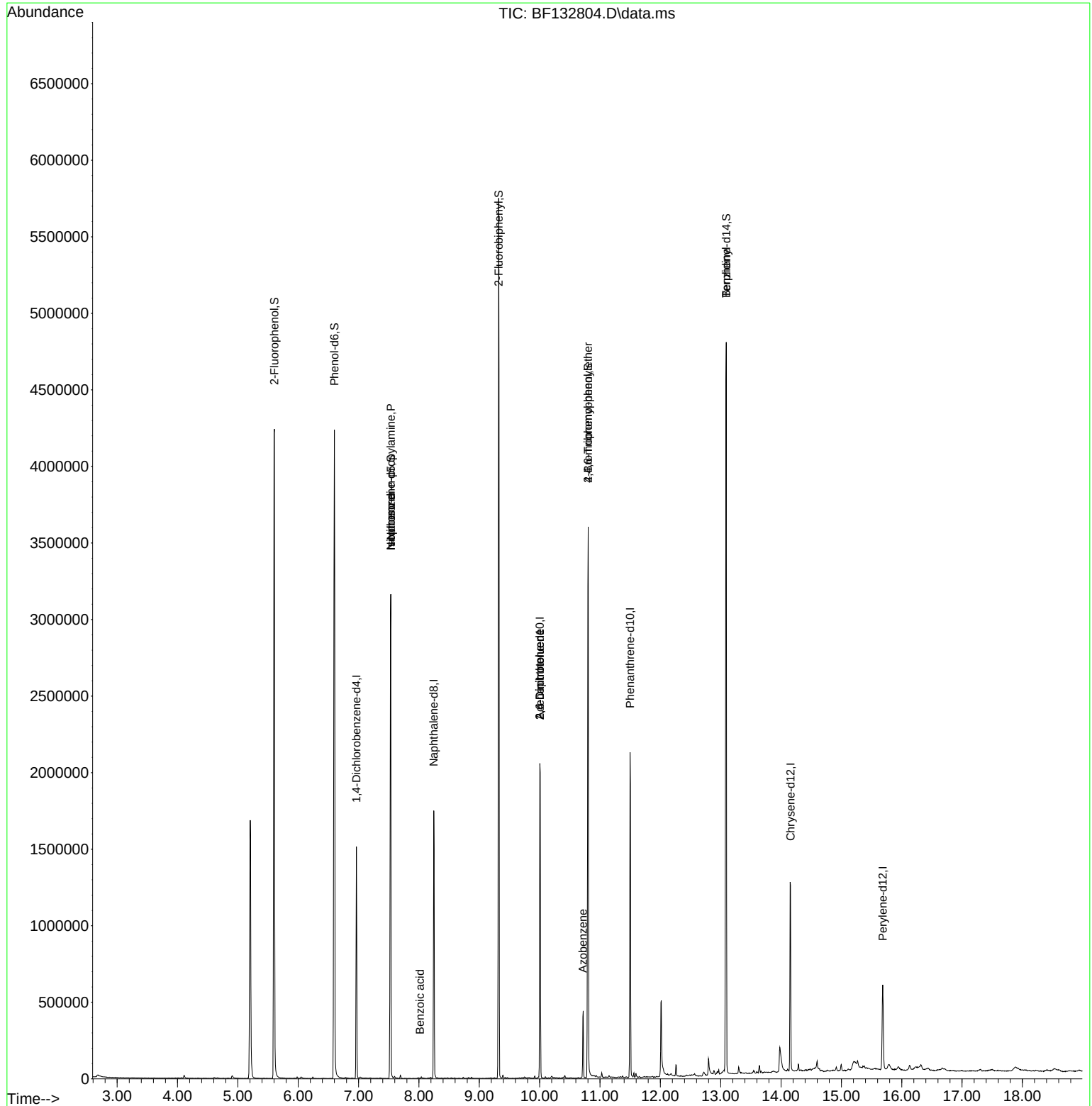
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	213838	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	745107	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	442585	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	826768	20.000	ng	0.00
76) Chrysene-d12	14.156	240	456662	20.000	ng	0.00
86) Perylene-d12	15.686	264	274567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1387308	105.293	ng	0.01
7) Phenol-d6	6.598	99	1805872	105.020	ng	0.00
23) Nitrobenzene-d5	7.533	82	1146192	72.983	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	476082	99.604	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1832371	63.041	ng	0.00
79) Terphenyl-d14	13.092	244	1871879	69.304	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.533	70	150821	14.252	ng	# 74
25) Isophorone	7.533	82	1146179	38.067	ng	# 67
32) Benzoic acid	8.016	122	403	3.876	ng	95
51) 2,6-Dinitrotoluene	10.004	165	57077	7.777	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	57077	5.846	ng	# 21
63) Azobenzene	10.716	77	77833	2.335	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	30723	3.285	ng	# 1
77) Benzidine	13.092	184	25718	2.314	ng	# 86

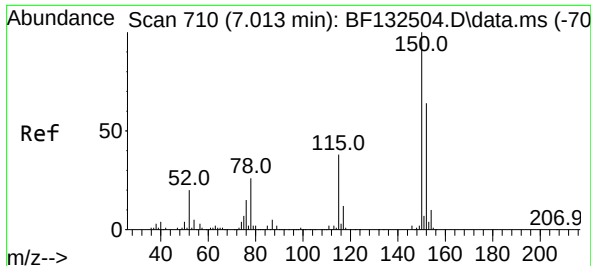
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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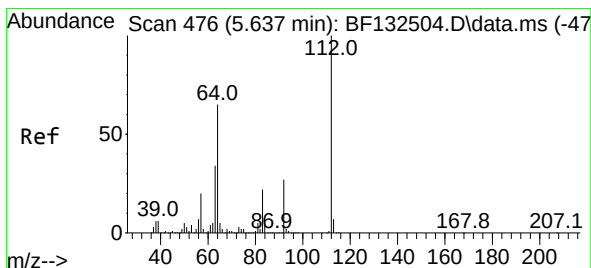
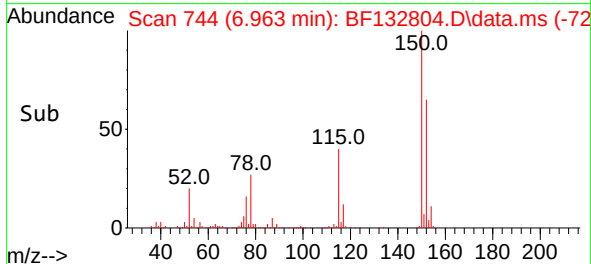
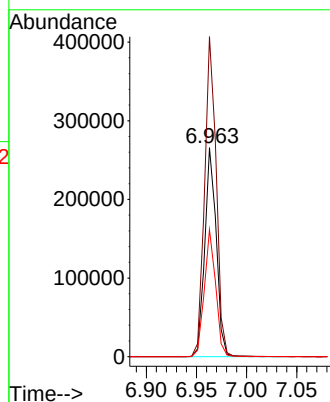
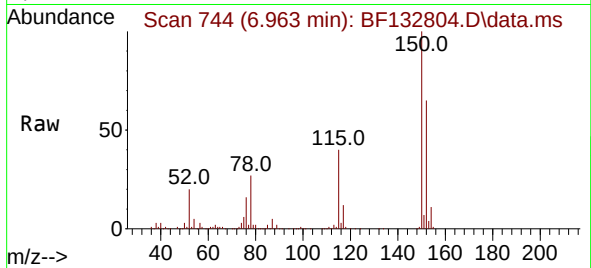




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

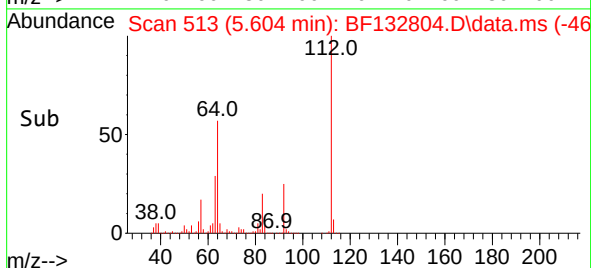
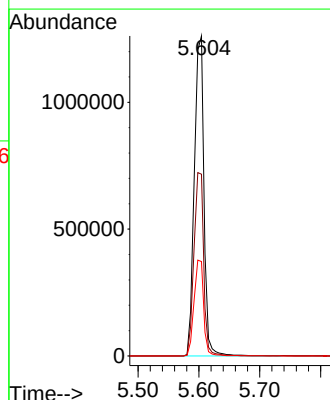
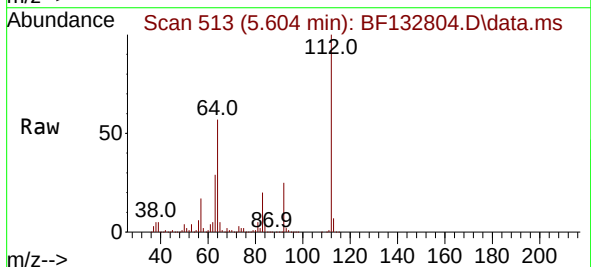
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

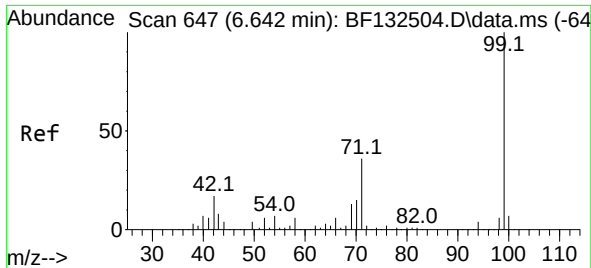
Tgt Ion:152 Resp: 213838
Ion Ratio Lower Upper
152 100
150 153.1 125.4 188.2
115 60.8 47.8 71.6



#5
2-Fluorophenol
Concen: 105.293 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.012 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion:112 Resp: 1387308
Ion Ratio Lower Upper
112 100
64 56.8 51.6 77.4
63 29.5 27.4 41.2

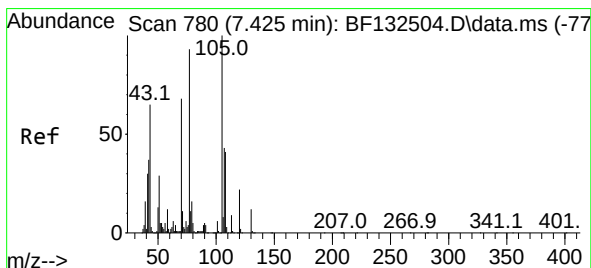
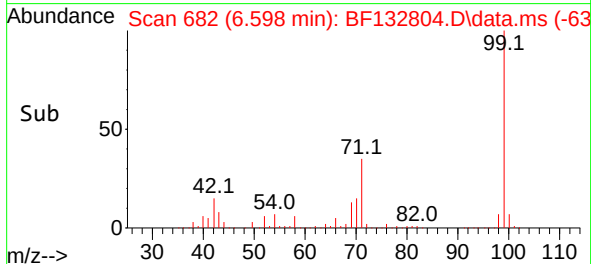
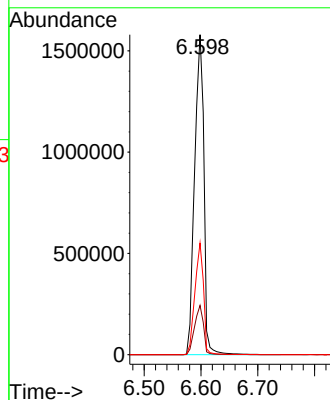
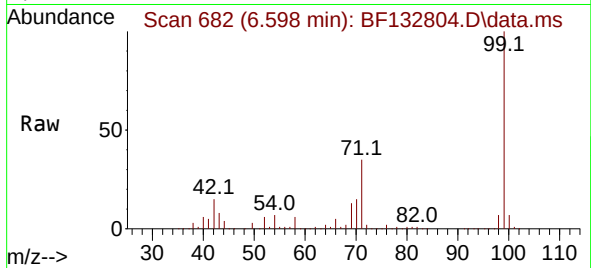




#7
Phenol-d6
Concen: 105.020 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

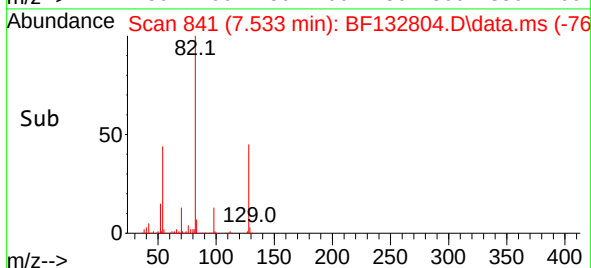
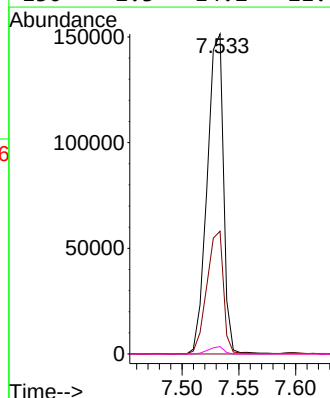
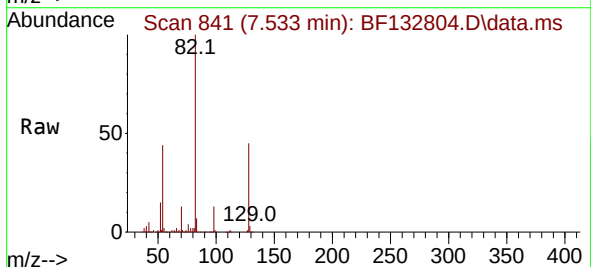
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

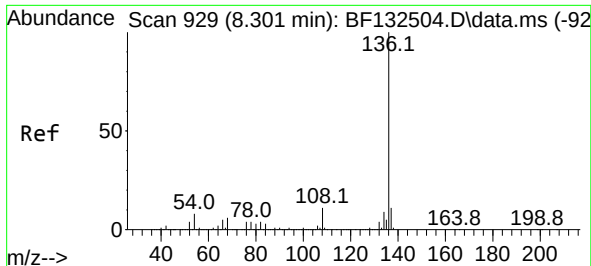
Tgt Ion: 99 Resp: 1805872
Ion Ratio Lower Upper
99 100
42 15.4 13.9 20.9
71 34.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.252 ng
RT: 7.533 min Scan# 841
Delta R.T. 0.153 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion: 70 Resp: 150821
Ion Ratio Lower Upper
70 100
42 38.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



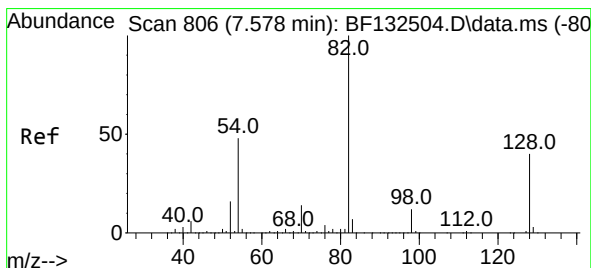
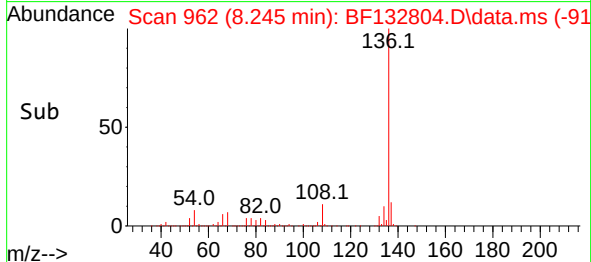
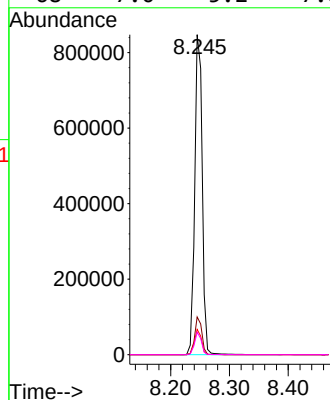
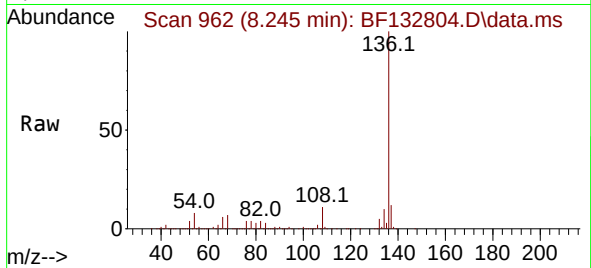


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

Tgt Ion:136 Resp: 745107

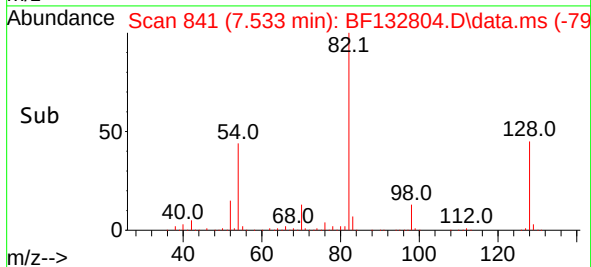
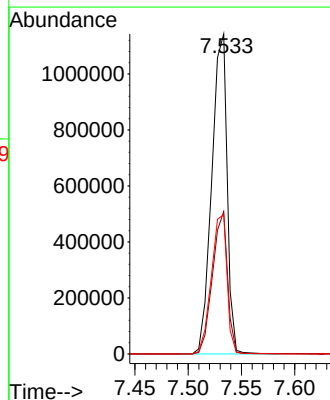
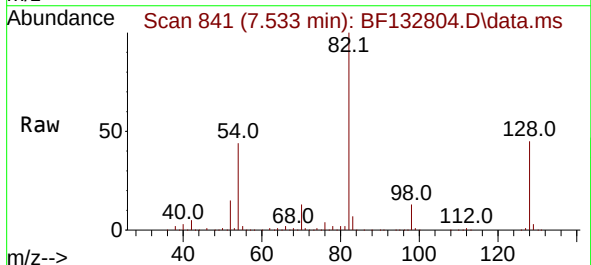
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	7.9	6.2	9.4
68	7.0	5.2	7.8

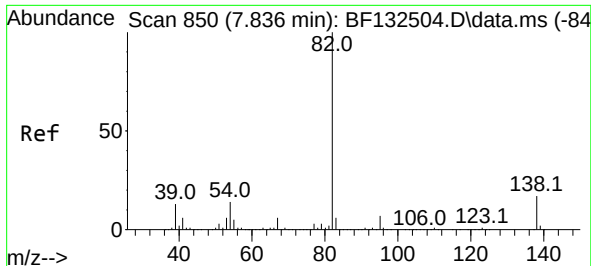


#23
Nitrobenzene-d5
Concen: 72.983 ng
RT: 7.533 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion: 82 Resp: 1146192

Ion	Ratio	Lower	Upper
82	100		
128	44.5	32.2	48.2
54	43.6	38.4	57.6

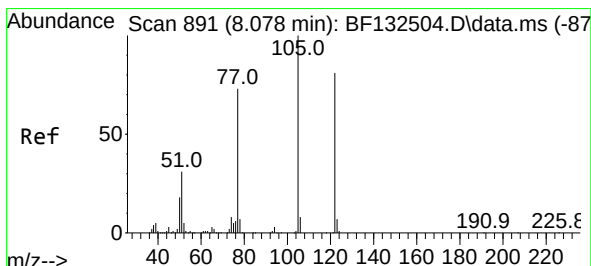
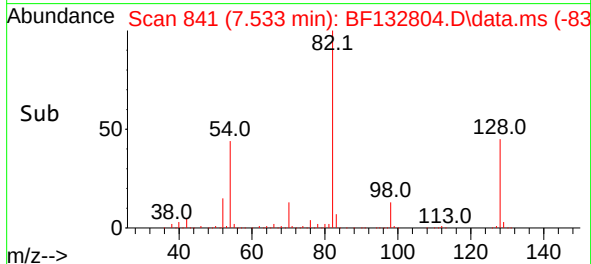
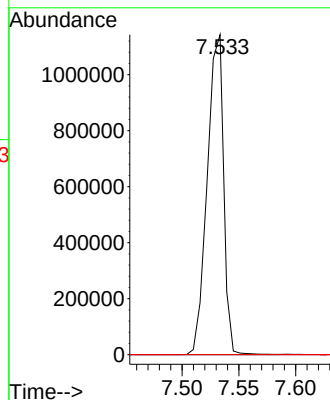
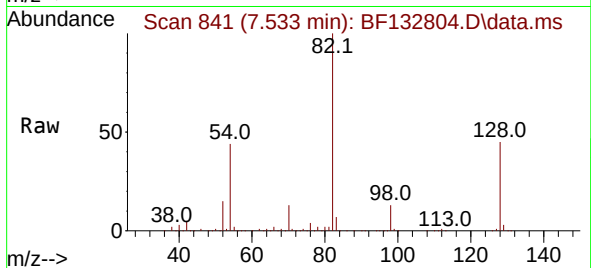




#25
Isophorone
Concen: 38.067 ng
RT: 7.533 min Scan# 841
Delta R.T. -0.259 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

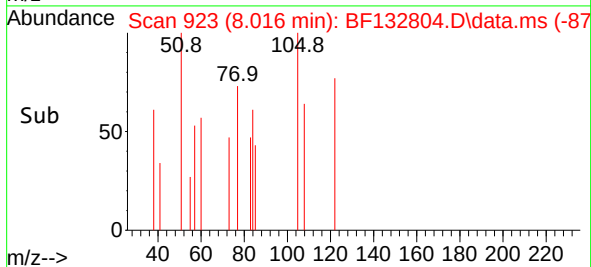
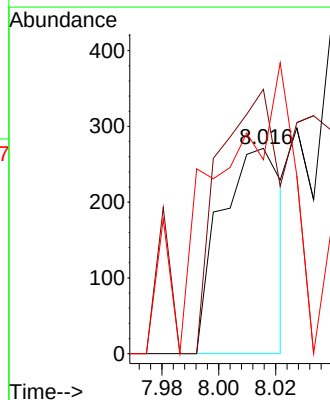
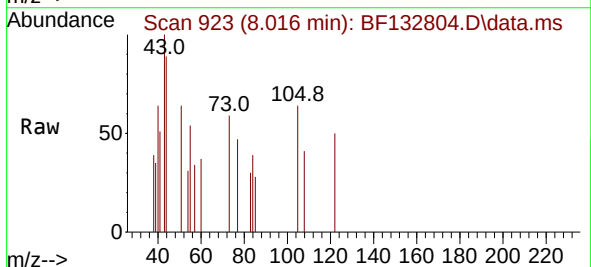
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

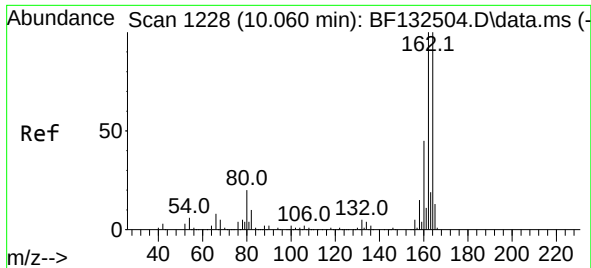
Tgt Ion: 82 Resp: 1146179
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.876 ng
RT: 8.016 min Scan# 923
Delta R.T. -0.018 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion: 122 Resp: 403
Ion Ratio Lower Upper
122 100
105 128.8 102.6 142.6
77 94.5 70.2 110.2

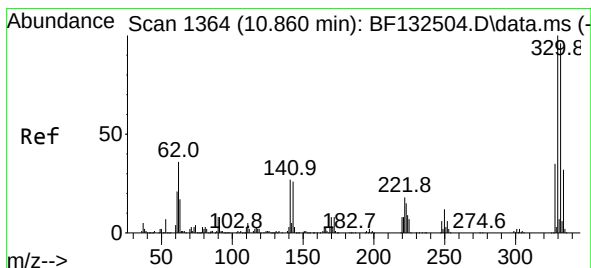
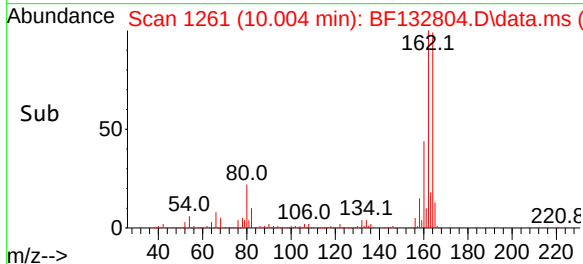
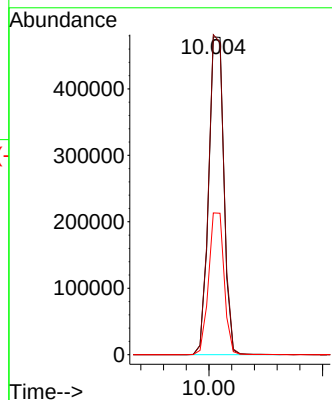
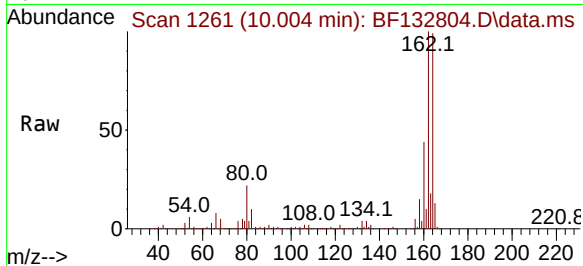




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

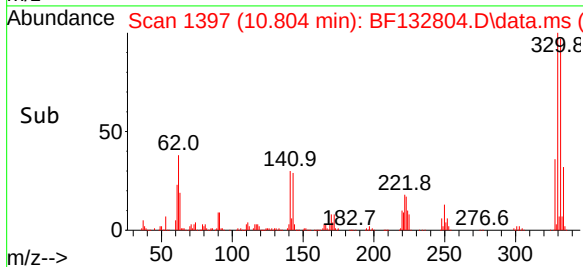
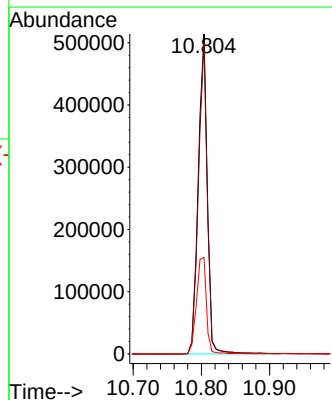
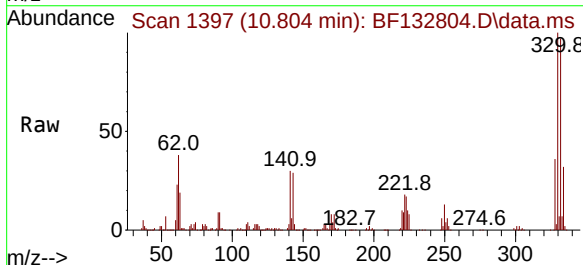
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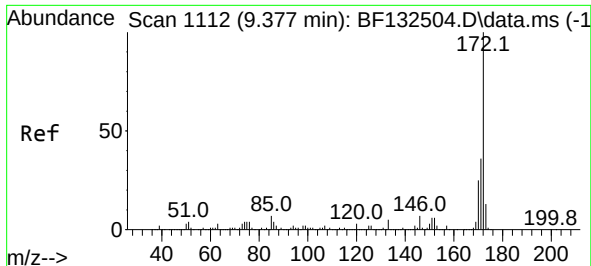
Tgt Ion:164 Resp: 442585
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 44.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 99.604 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion:330 Resp: 476082
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.3 28.4 42.6

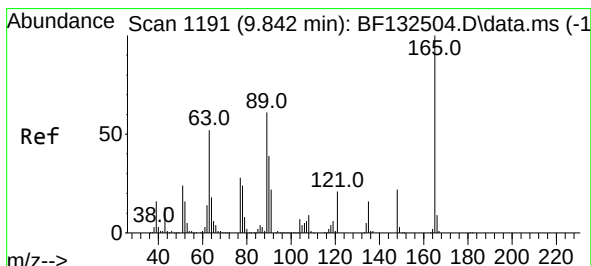
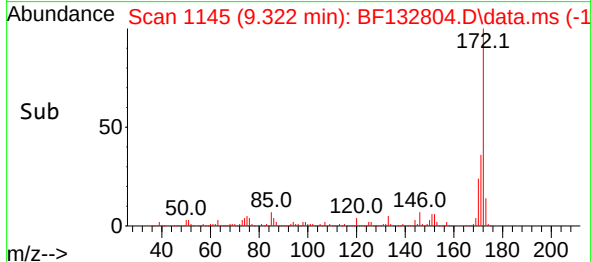
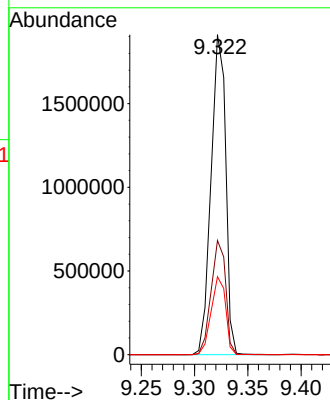
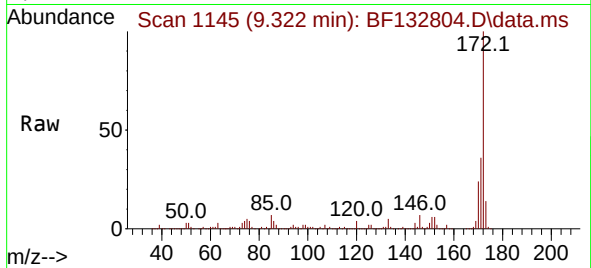




#45
2-Fluorobiphenyl
Concen: 63.041 ng
RT: 9.322 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

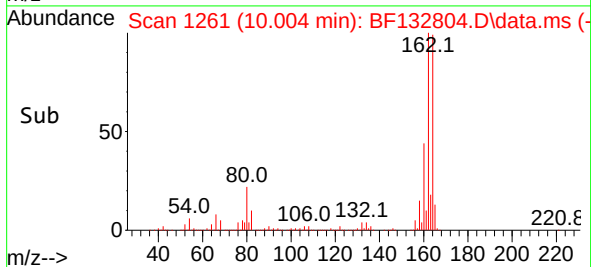
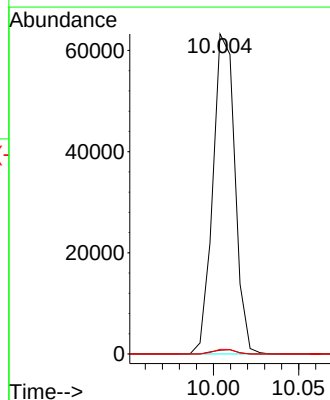
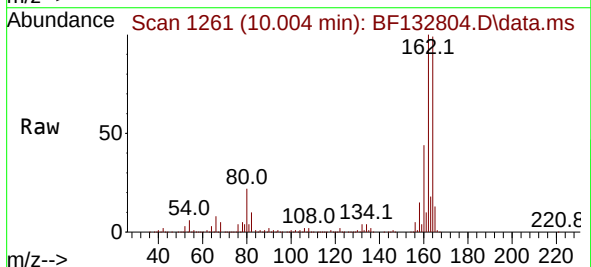
Instrument :
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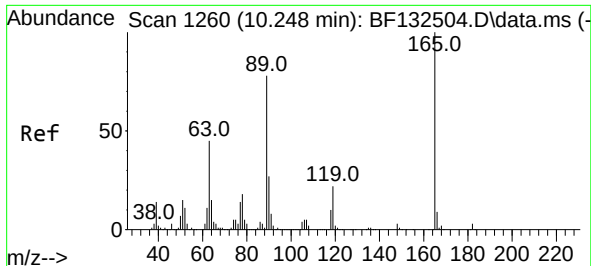
Tgt Ion:172 Resp: 1832371
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.777 ng
RT: 10.004 min Scan# 1261
Delta R.T. 0.206 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion:165 Resp: 57077
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.4 48.9 73.3#





#57

2,4-Dinitrotoluene

Concen: 5.846 ng

RT: 10.004 min Scan# 1382

Delta R.T. -0.200 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

Instrument :

BNA_F

ClientSampleId :

HILLBOR-DRUMS-0314

Tgt Ion:165 Resp: 57077

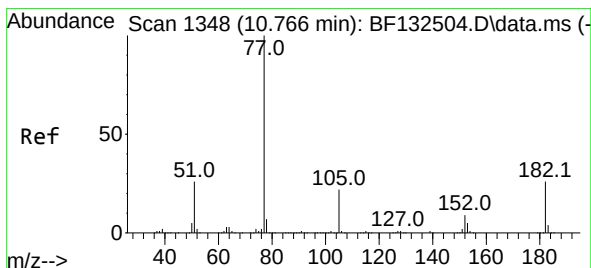
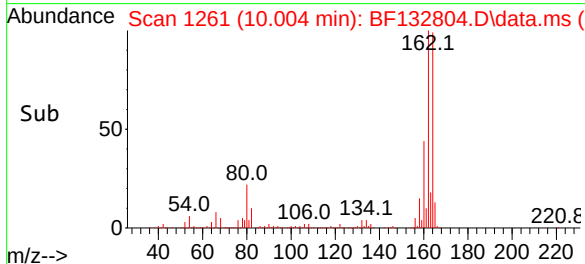
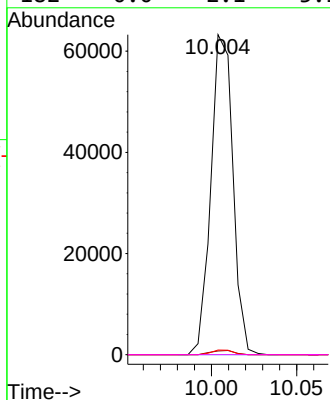
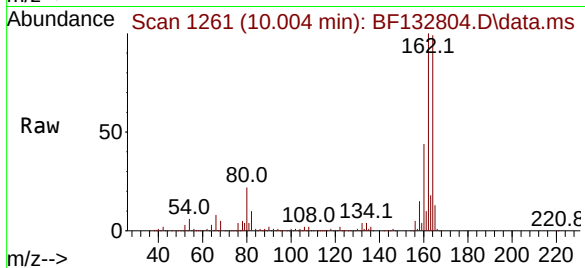
Ion Ratio Lower Upper

165 100

63 1.1 36.5 54.7#

89 1.4 62.4 93.6#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.335 ng

RT: 10.716 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

Tgt Ion: 77 Resp: 77833

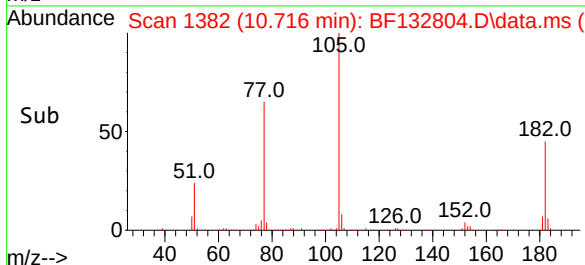
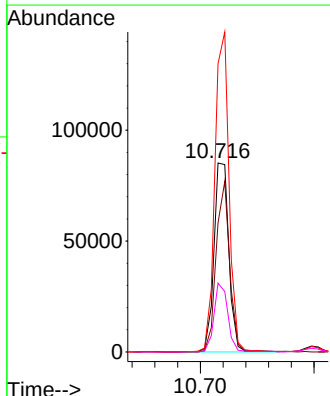
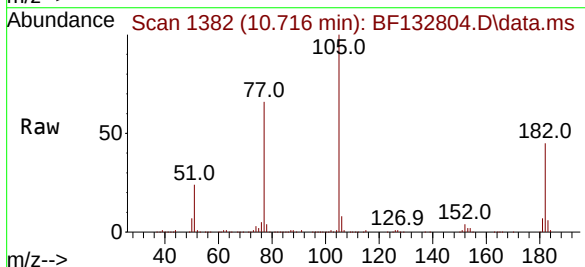
Ion Ratio Lower Upper

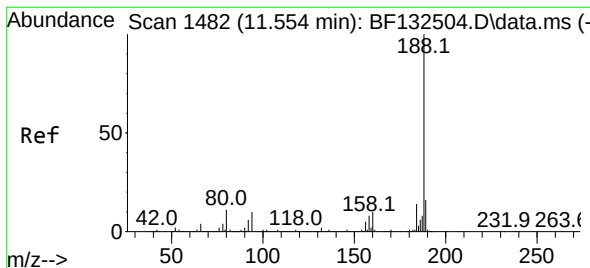
77 100

182 68.4 5.5 45.5#

105 152.6 1.8 41.8#

51 36.4 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

Instrument :

BNA_F

ClientSampleId :

HILLBOR-DRUMS-0314

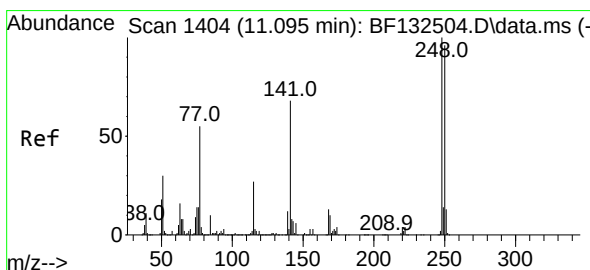
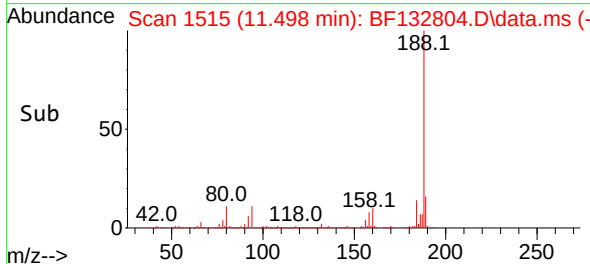
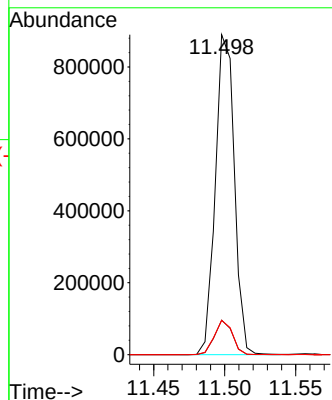
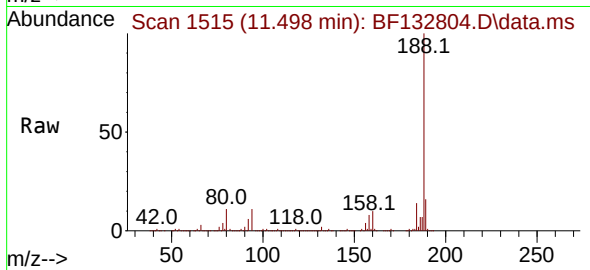
Tgt Ion:188 Resp: 826768

Ion Ratio Lower Upper

188 100

94 10.8 8.3 12.5

80 10.7 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 3.285 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.241 min

Lab File: BF132804.D

Acq: 15 Mar 2023 15:41

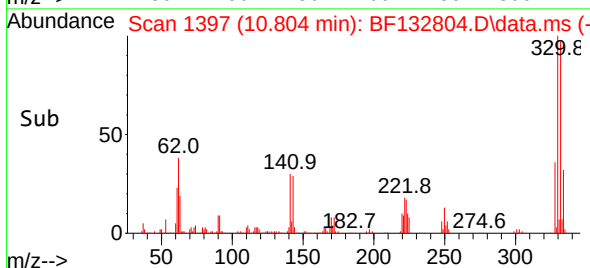
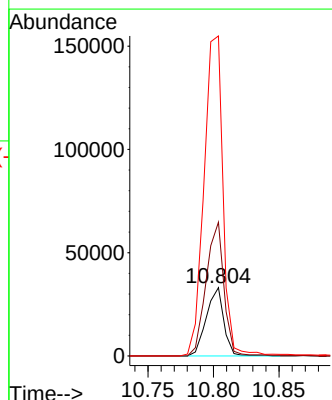
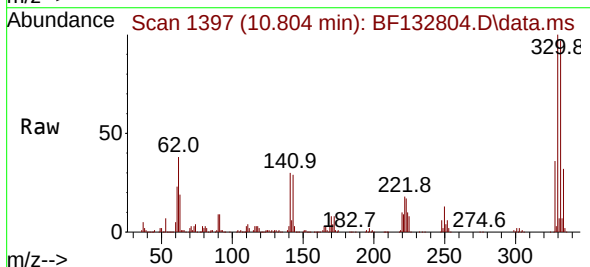
Tgt Ion:248 Resp: 30723

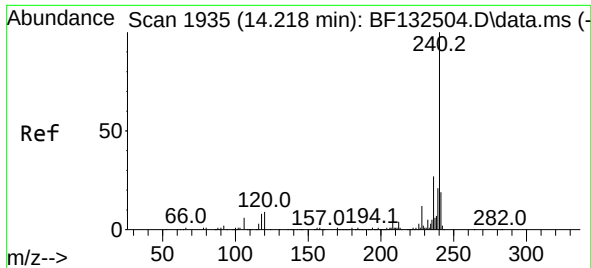
Ion Ratio Lower Upper

248 100

250 196.0 77.0 115.4#

141 468.6 54.2 81.2#

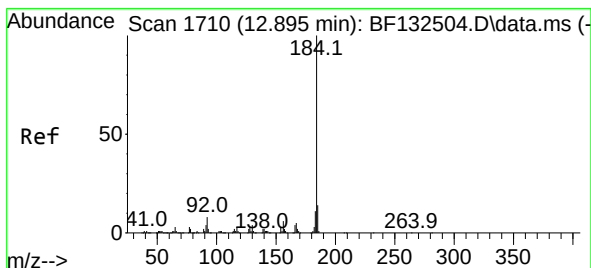
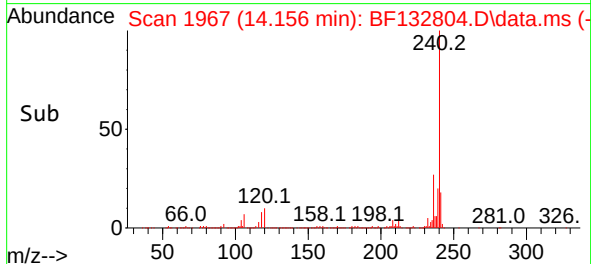
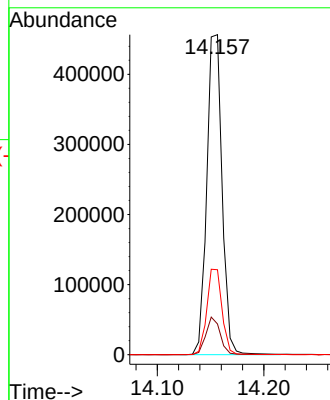
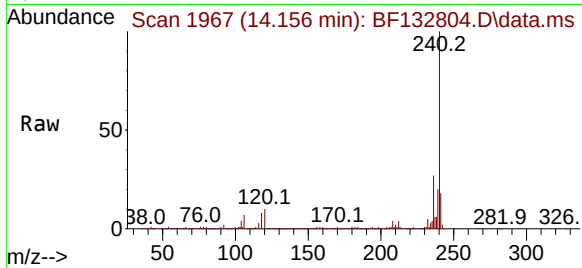




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.156 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

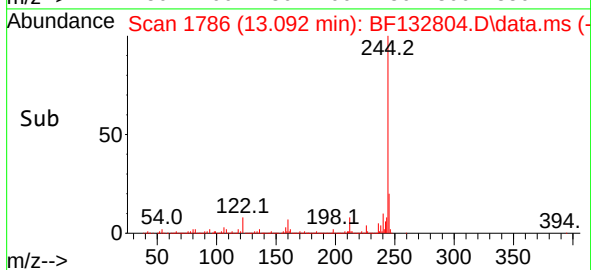
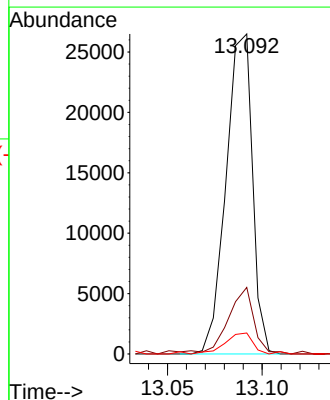
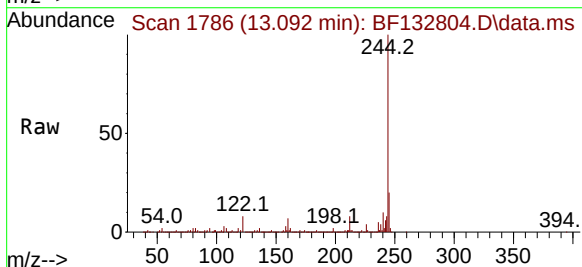
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

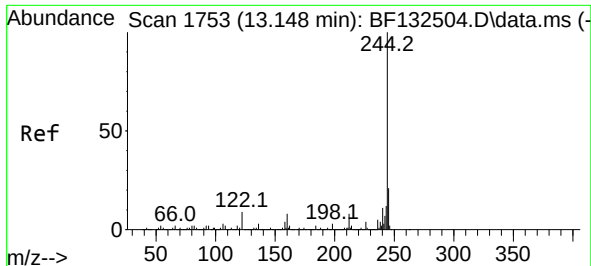
Tgt Ion:240 Resp: 456662
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.6 21.8 32.6



#77
Benzidine
Concen: 2.314 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF132804.D
Acq: 15 Mar 2023 15:41

Tgt Ion:184 Resp: 25718
Ion Ratio Lower Upper
184 100
185 20.8 11.7 17.5#
183 6.6 8.7 13.1#

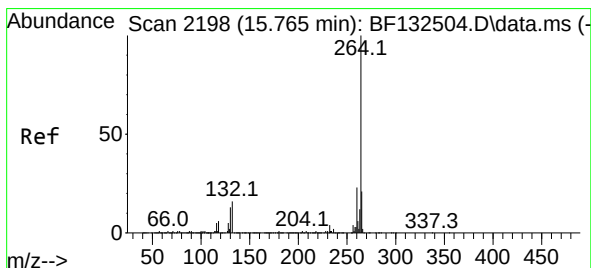
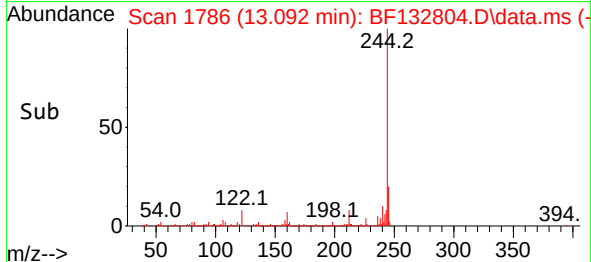
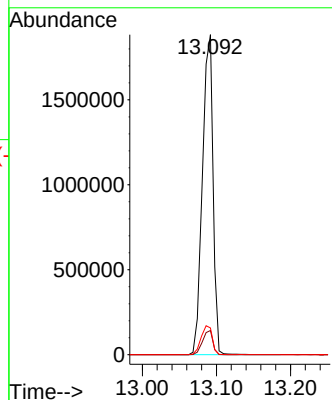
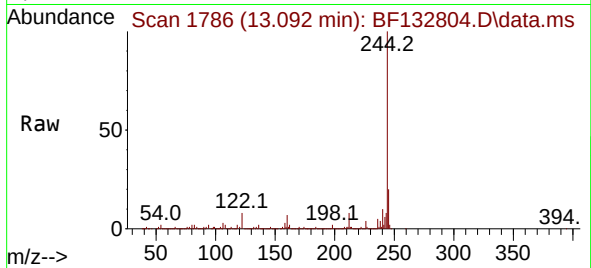




#79
 Terphenyl-d14
 Concen: 69.304 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132804.D
 Acq: 15 Mar 2023 15:41

Instrument :
 BNA_F
 ClientSampleId :
 HILLBOR-DRUMS-0314

Tgt Ion:244 Resp: 1871879
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2227
 Delta R.T. -0.006 min
 Lab File: BF132804.D
 Acq: 15 Mar 2023 15:41

Tgt Ion:264 Resp: 274567
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.9 17.1 25.7

