

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132827.D
 Acq On : 17 Mar 2023 17:17
 Operator : CG\JU
 Sample : 01908-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HILLBOR-DRUMS-0314

Quant Time: Mar 18 00:51:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

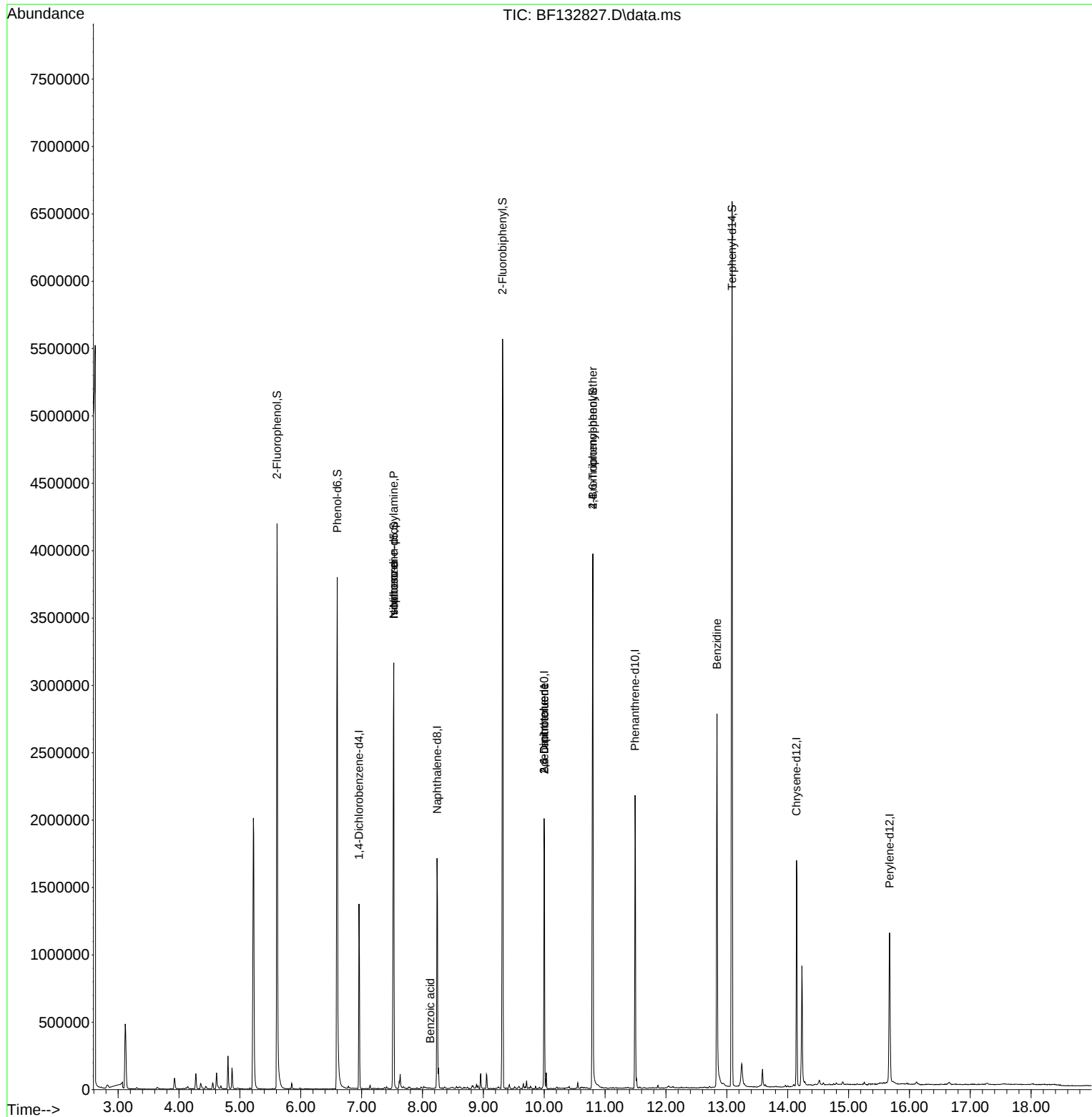
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	192861	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	747878	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	409753	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	807544	20.000	ng	0.00
76) Chrysene-d12	14.145	240	587188	20.000	ng	0.00
86) Perylene-d12	15.674	264	537375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1349565	118.078	ng	0.02
7) Phenol-d6	6.598	99	1574480	106.131	ng	0.00
23) Nitrobenzene-d5	7.528	82	1154956	79.030	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	549661	126.190	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1881920	75.446	ng	0.00
79) Terphenyl-d14	13.086	244	2578151	79.282	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.528	70	154186	18.216	ng	# 75
25) Isophorone	7.528	82	1154944	40.201	ng	# 66
32) Benzoic acid	8.128	122	242	10.497	ng	90
51) 2,6-Dinitrotoluene	9.998	165	54401	8.375	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	54401	6.556	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	36099	3.867	ng	# 1
77) Benzidine	12.839	184	1213196	331.762	ng	97

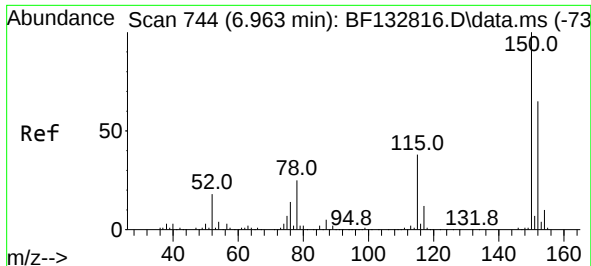
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132827.D
Acq On : 17 Mar 2023 17:17
Operator : CG\JU
Sample : 01908-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

Quant Time: Mar 18 00:51:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

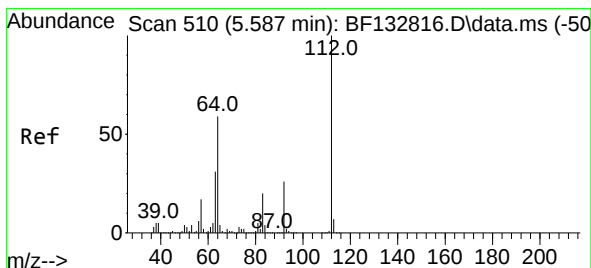
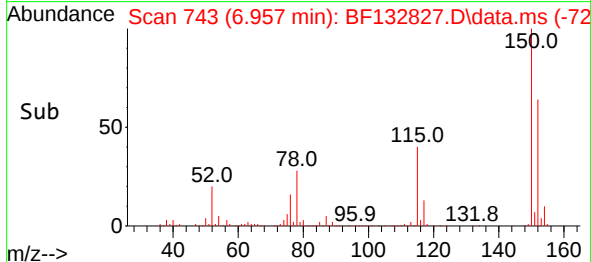
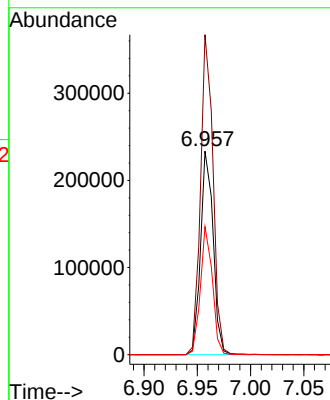
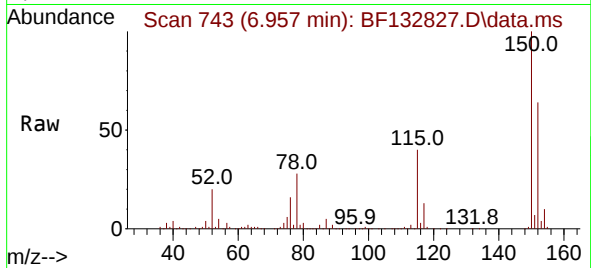




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: BF132827.D
 Acq: 17 Mar 2023 17:17

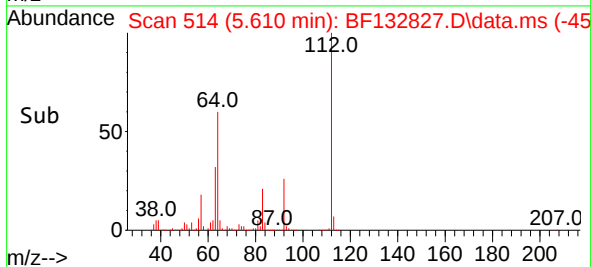
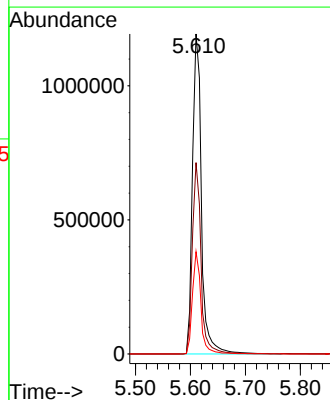
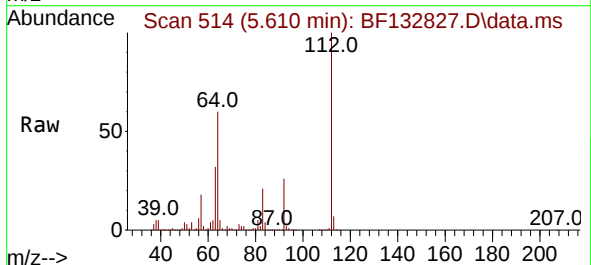
Instrument :
 BNA_F
 ClientSampleId :
 HILLBOR-DRUMS-0314

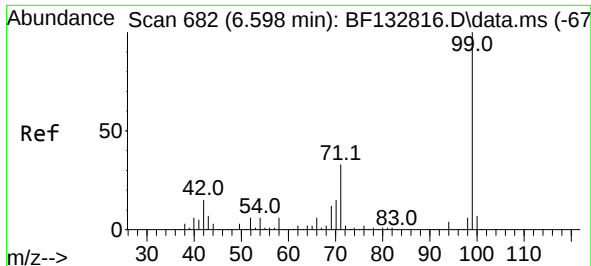
Tgt Ion:152 Resp: 192861
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.7 184.1
 115 62.9 46.2 69.4



#5
 2-Fluorophenol
 Concen: 118.078 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.024 min
 Lab File: BF132827.D
 Acq: 17 Mar 2023 17:17

Tgt Ion:112 Resp: 1349565
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.1 70.7
 63 31.9 24.4 36.6

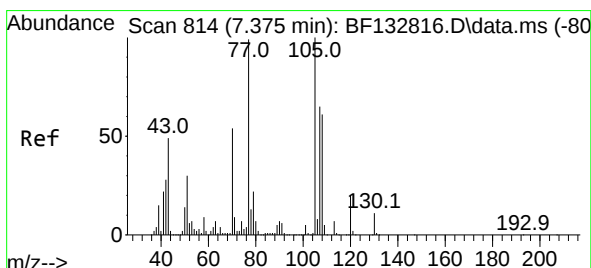
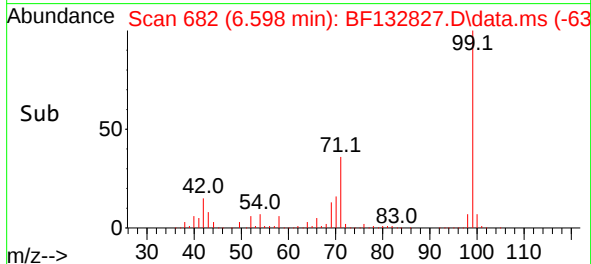
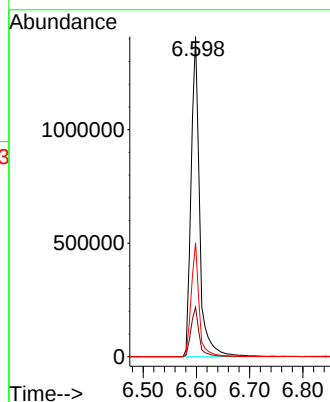
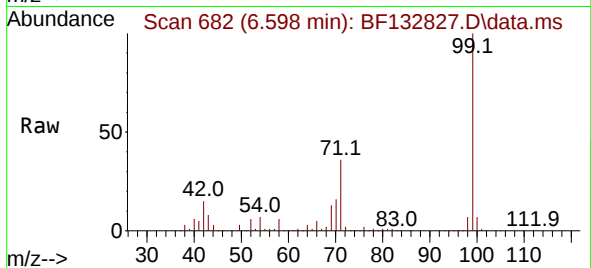




#7
Phenol-d6
Concen: 106.131 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

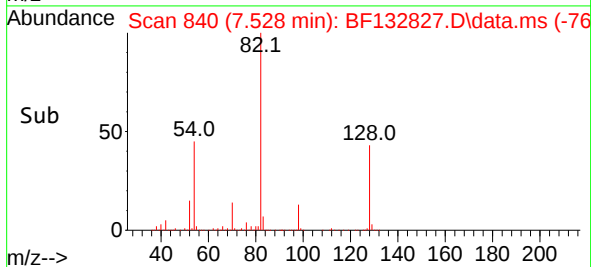
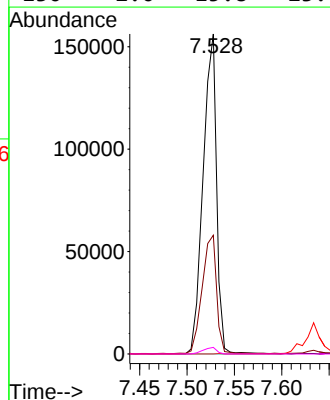
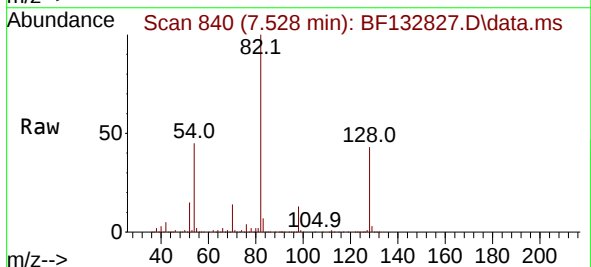
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

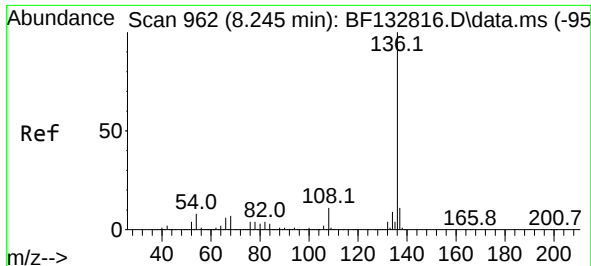
Tgt Ion: 99 Resp: 1574480
Ion Ratio Lower Upper
99 100
42 15.5 11.9 17.9
71 35.6 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.216 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

Tgt Ion: 70 Resp: 154186
Ion Ratio Lower Upper
70 100
42 37.1 40.9 61.3#
101 0.0 7.8 11.6#
130 2.0 15.8 23.6#

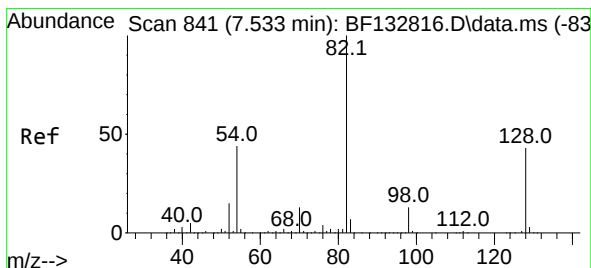
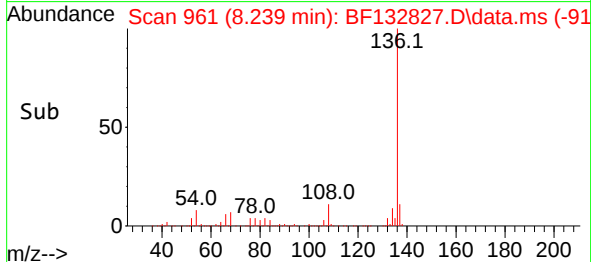
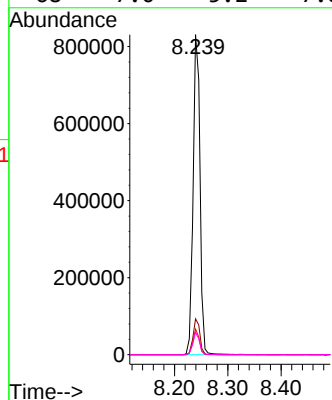
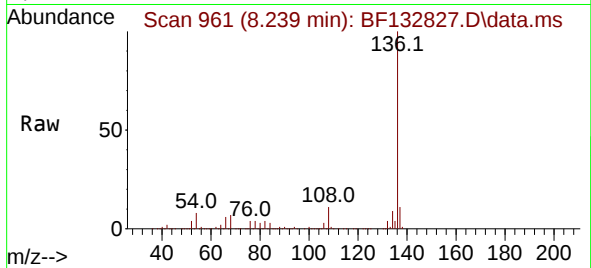




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

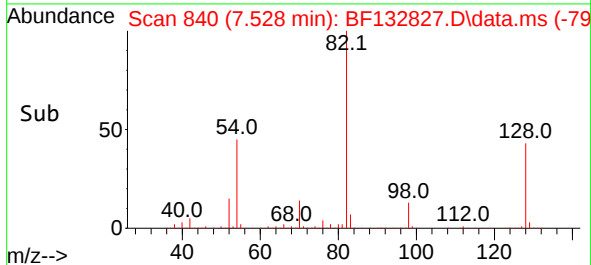
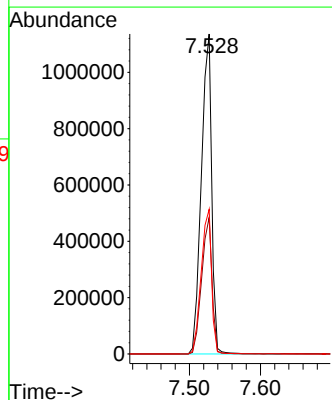
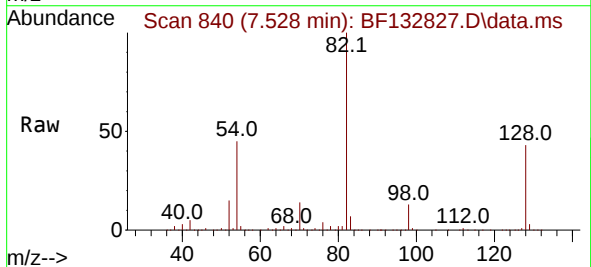
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

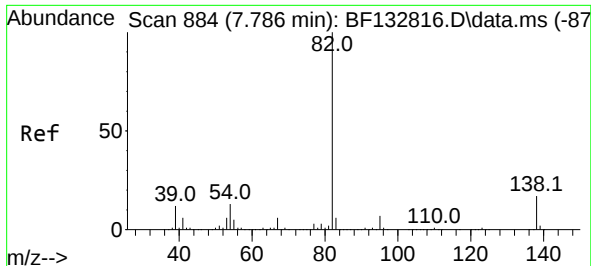
Tgt Ion:136 Resp: 747878
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.0 6.1 9.1
68 7.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.030 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

Tgt Ion: 82 Resp: 1154956
Ion Ratio Lower Upper
82 100
128 42.7 34.4 51.6
54 45.2 35.2 52.8

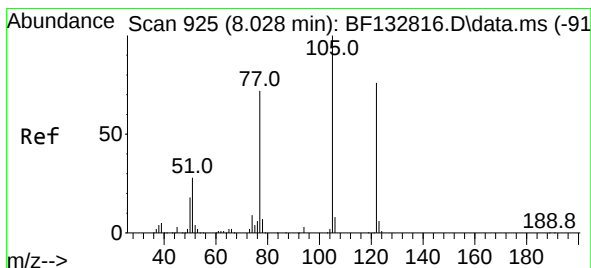
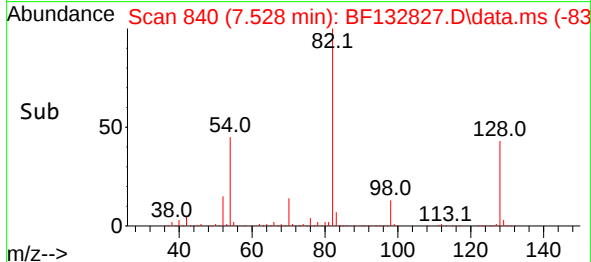
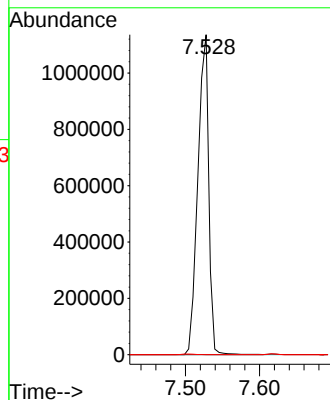
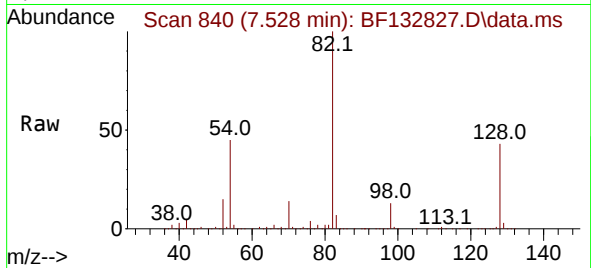




#25
Isophorone
Concen: 40.201 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

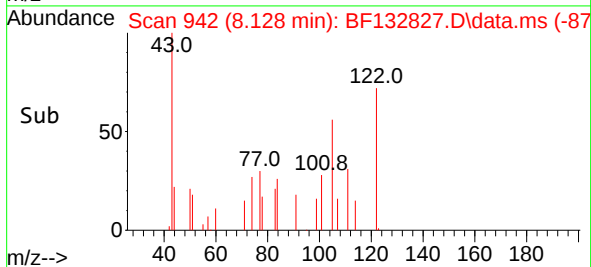
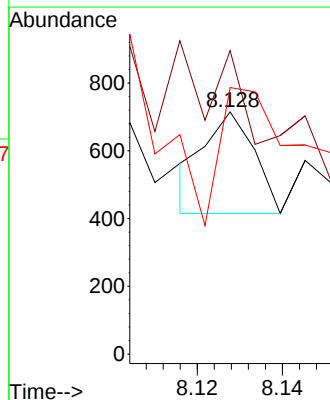
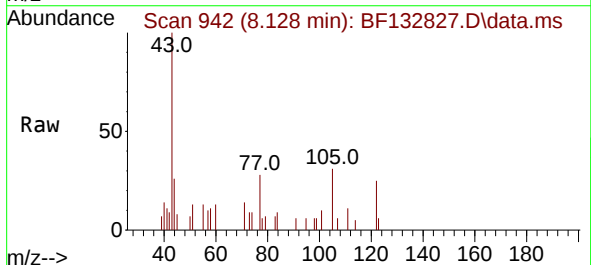
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

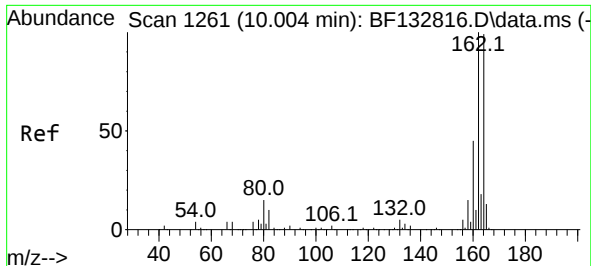
Tgt Ion: 82 Resp: 1154944
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.497 ng
RT: 8.128 min Scan# 942
Delta R.T. 0.100 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

Tgt Ion:122 Resp: 242
Ion Ratio Lower Upper
122 100
105 125.3 110.8 150.8
77 110.1 74.2 114.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132827.D

Acq: 17 Mar 2023 17:17

Instrument :

BNA_F

ClientSampleId :

HILLBOR-DRUMS-0314

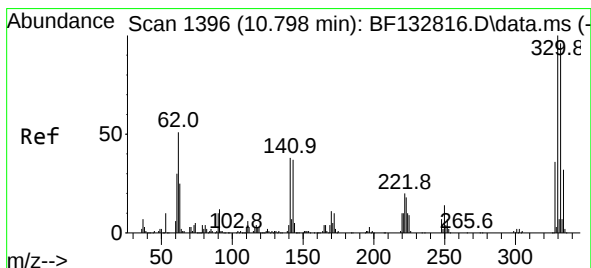
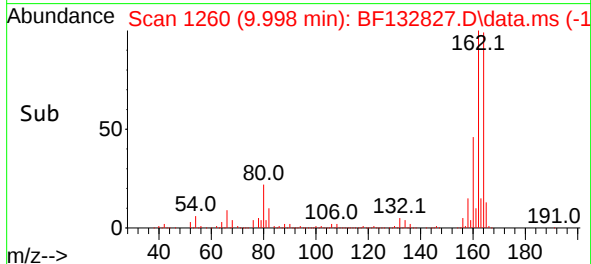
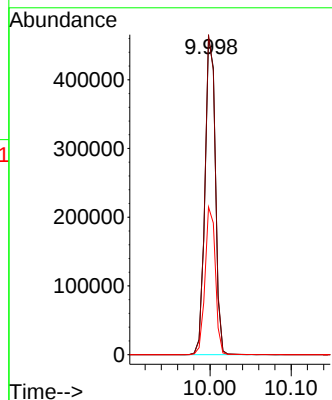
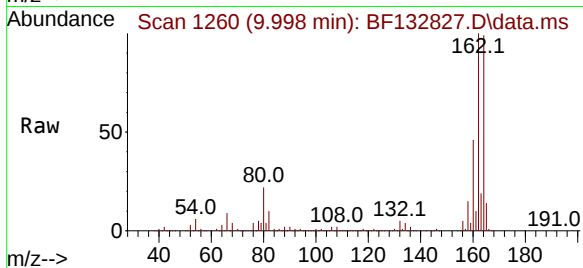
Tgt Ion:164 Resp: 409753

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 46.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 126.190 ng

RT: 10.798 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BF132827.D

Acq: 17 Mar 2023 17:17

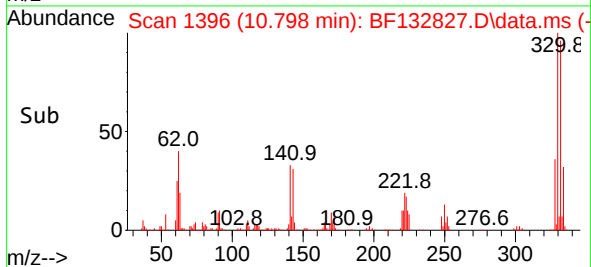
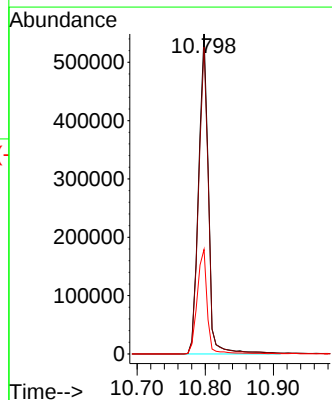
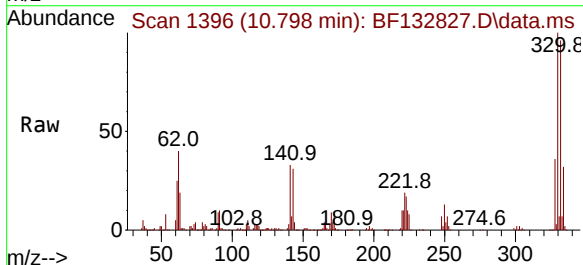
Tgt Ion:330 Resp: 549661

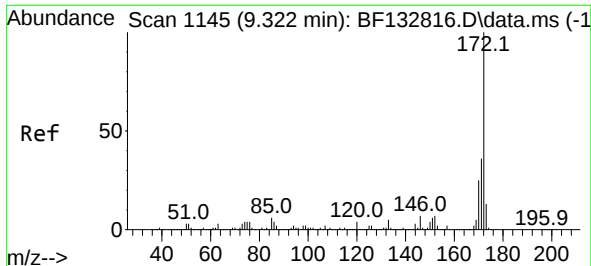
Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

141 33.5 26.7 40.1

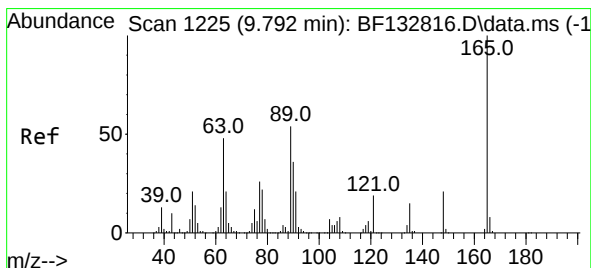
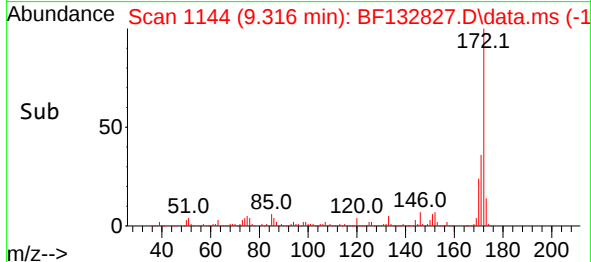
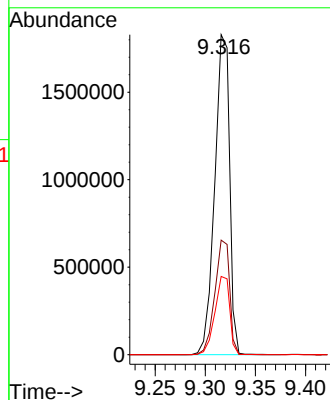
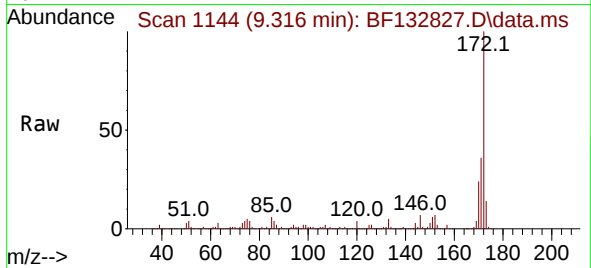




#45
2-Fluorobiphenyl
Concen: 75.446 ng
RT: 9.316 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

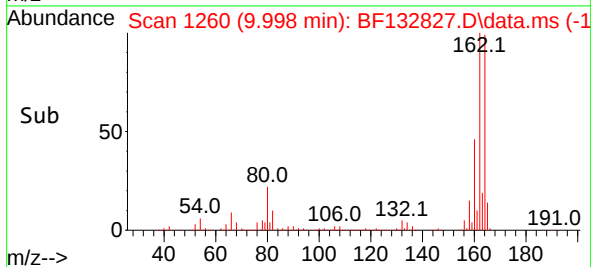
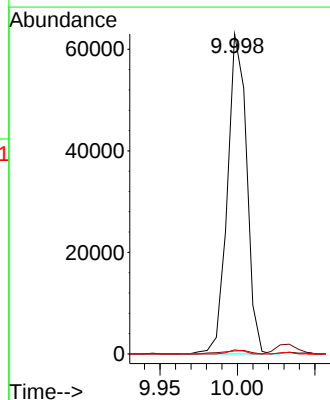
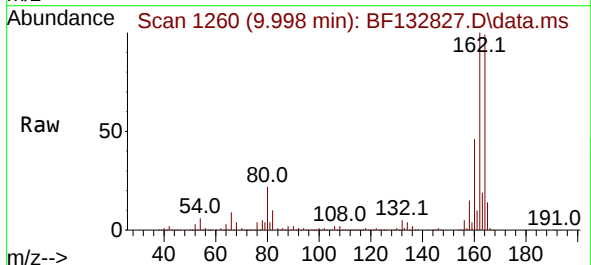
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

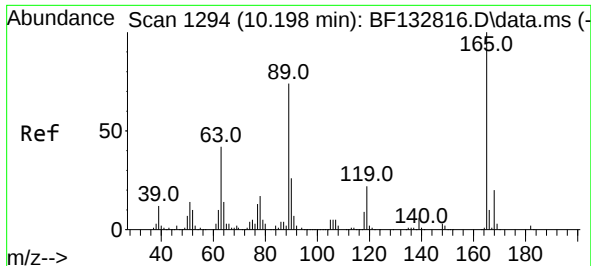
Tgt Ion:172 Resp: 1881920
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.4 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.998 min Scan# 1260
Delta R.T. 0.206 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

Tgt Ion:165 Resp: 54401
Ion Ratio Lower Upper
165 100
63 0.9 39.1 58.7#
89 1.3 43.5 65.3#

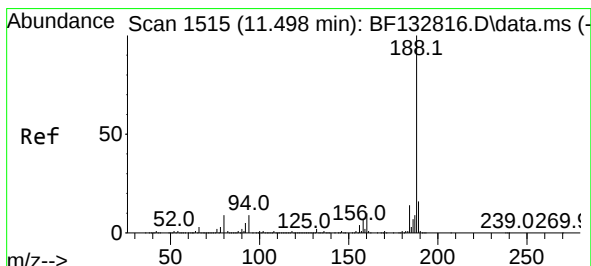
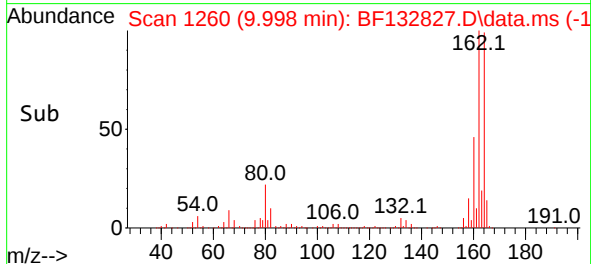
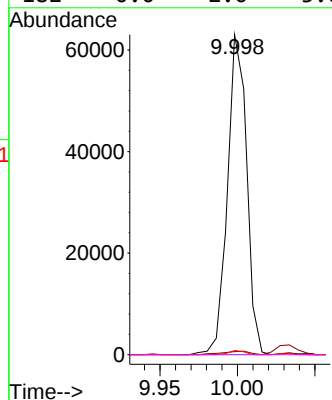
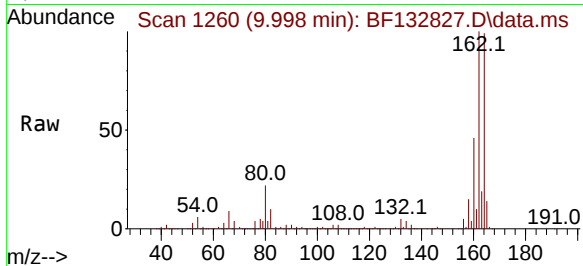




#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

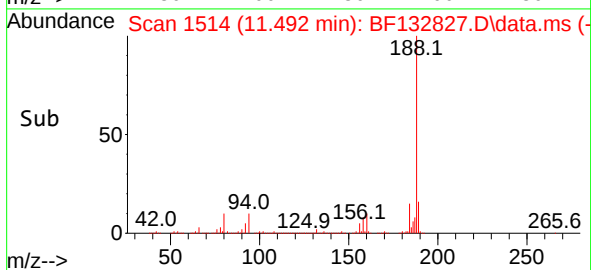
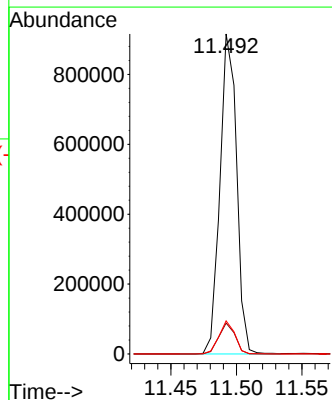
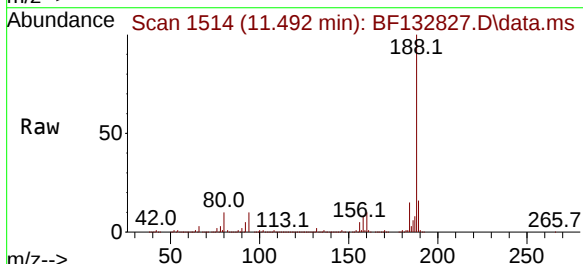
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

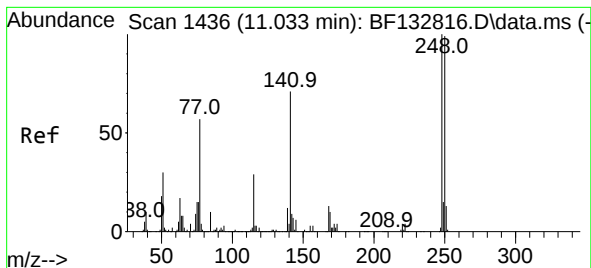
Tgt Ion:165	Resp:	54401
Ion Ratio	Lower	Upper
165	100	
63	0.9	34.4 51.6#
89	1.3	59.5 89.3#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

Tgt Ion:188	Resp:	807544
Ion Ratio	Lower	Upper
188	100	
94	9.7	7.5 11.3
80	10.4	7.5 11.3

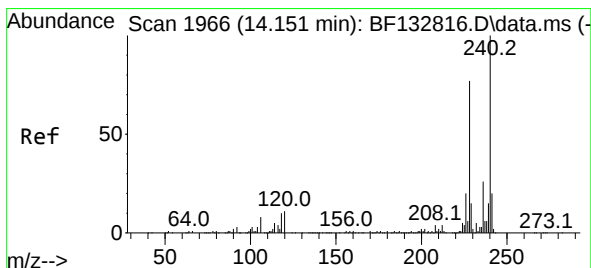
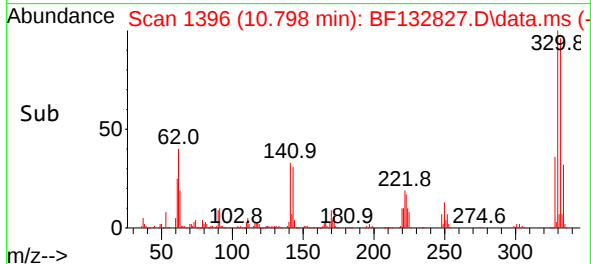
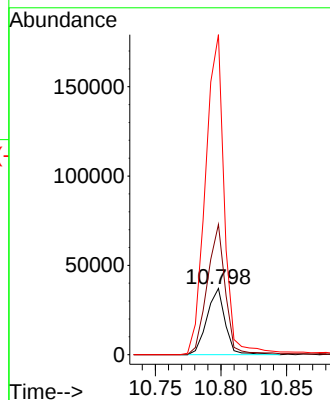
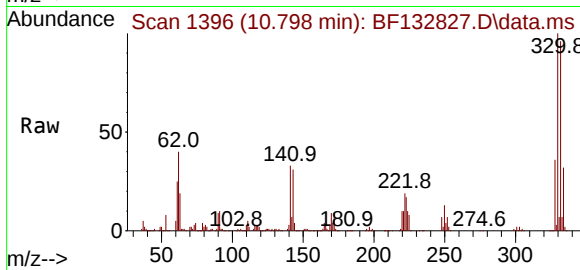




#67
4-Bromophenyl-phenylether
Concen: 3.867 ng
RT: 10.798 min Scan# 1396
Delta R.T. -0.235 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

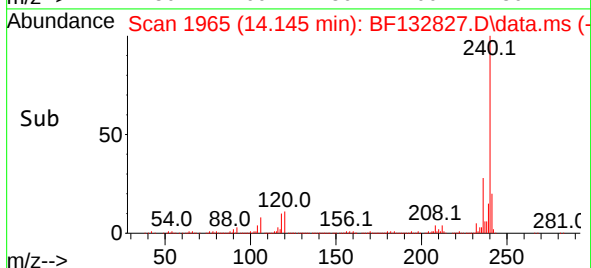
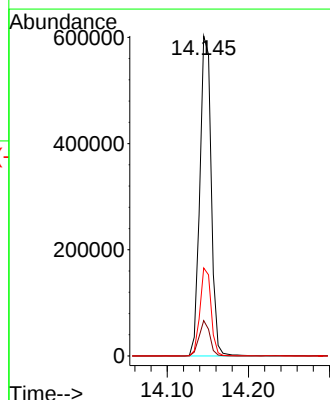
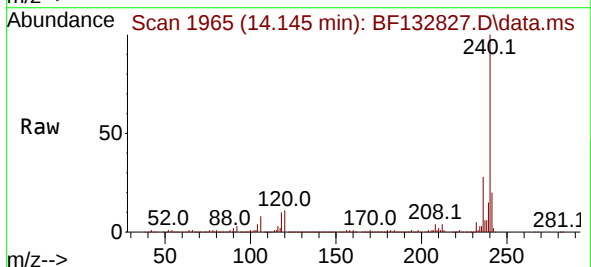
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

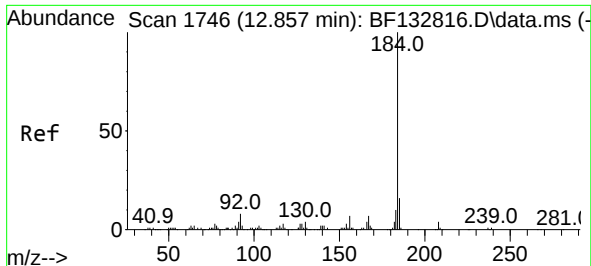
Tgt Ion:248 Resp: 36099
Ion Ratio Lower Upper
248 100
250 196.7 79.1 118.7#
141 483.1 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

Tgt Ion:240 Resp: 587188
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 27.5 21.2 31.8

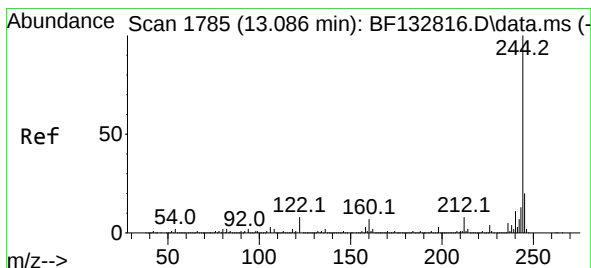
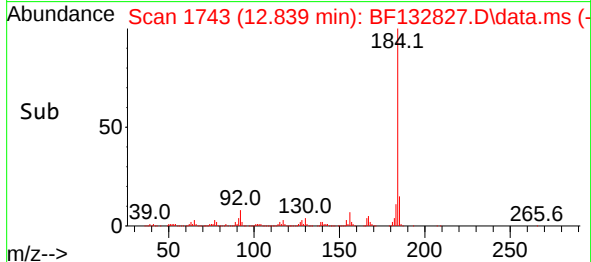
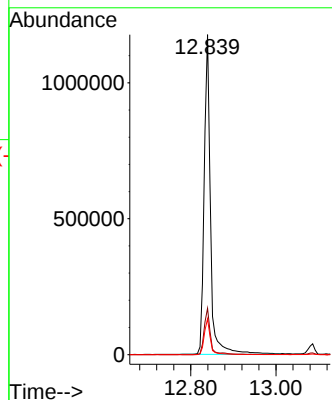
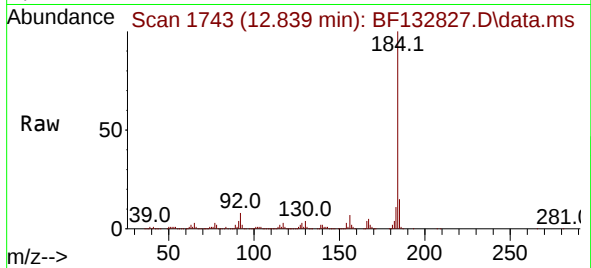




#77
Benzidine
Concen: 331.762 ng
RT: 12.839 min Scan# 1743
Delta R.T. -0.018 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

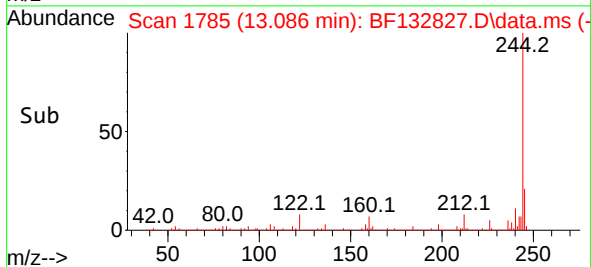
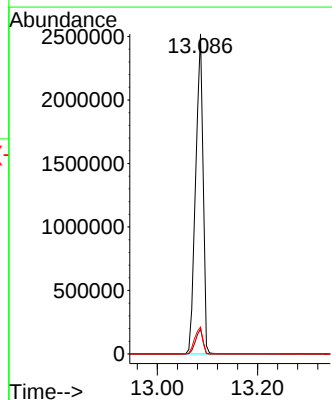
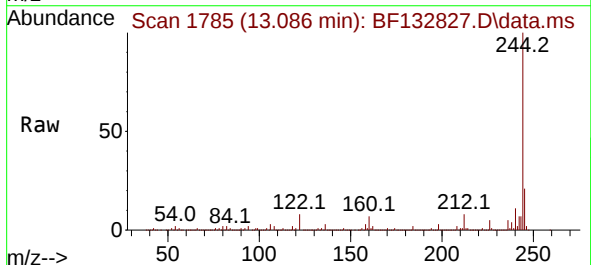
Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

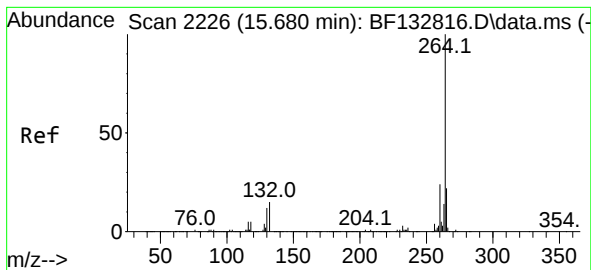
Tgt Ion:184 Resp: 1213196
Ion Ratio Lower Upper
184 100
185 14.5 12.6 19.0
183 11.2 8.2 12.4



#79
Terphenyl-d14
Concen: 79.282 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132827.D
Acq: 17 Mar 2023 17:17

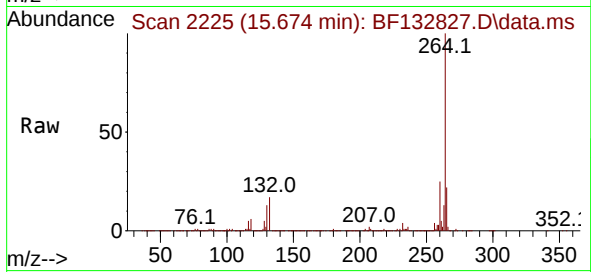
Tgt Ion:244 Resp: 2578151
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.4 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132827.D
 Acq: 17 Mar 2023 17:17

Instrument :
 BNA_F
 ClientSampleId :
 HILLBOR-DRUMS-0314



Tgt Ion:264 Resp: 537375
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.9 28.3
 265 21.9 17.4 26.0

