

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132682.D
 Acq On : 07 Mar 2023 17:29
 Operator : CG\JU
 Sample : 01825-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP3-0306

Quant Time: Mar 08 04:41:12 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 07 13:42:31 2023
 Response via : Initial Calibration

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

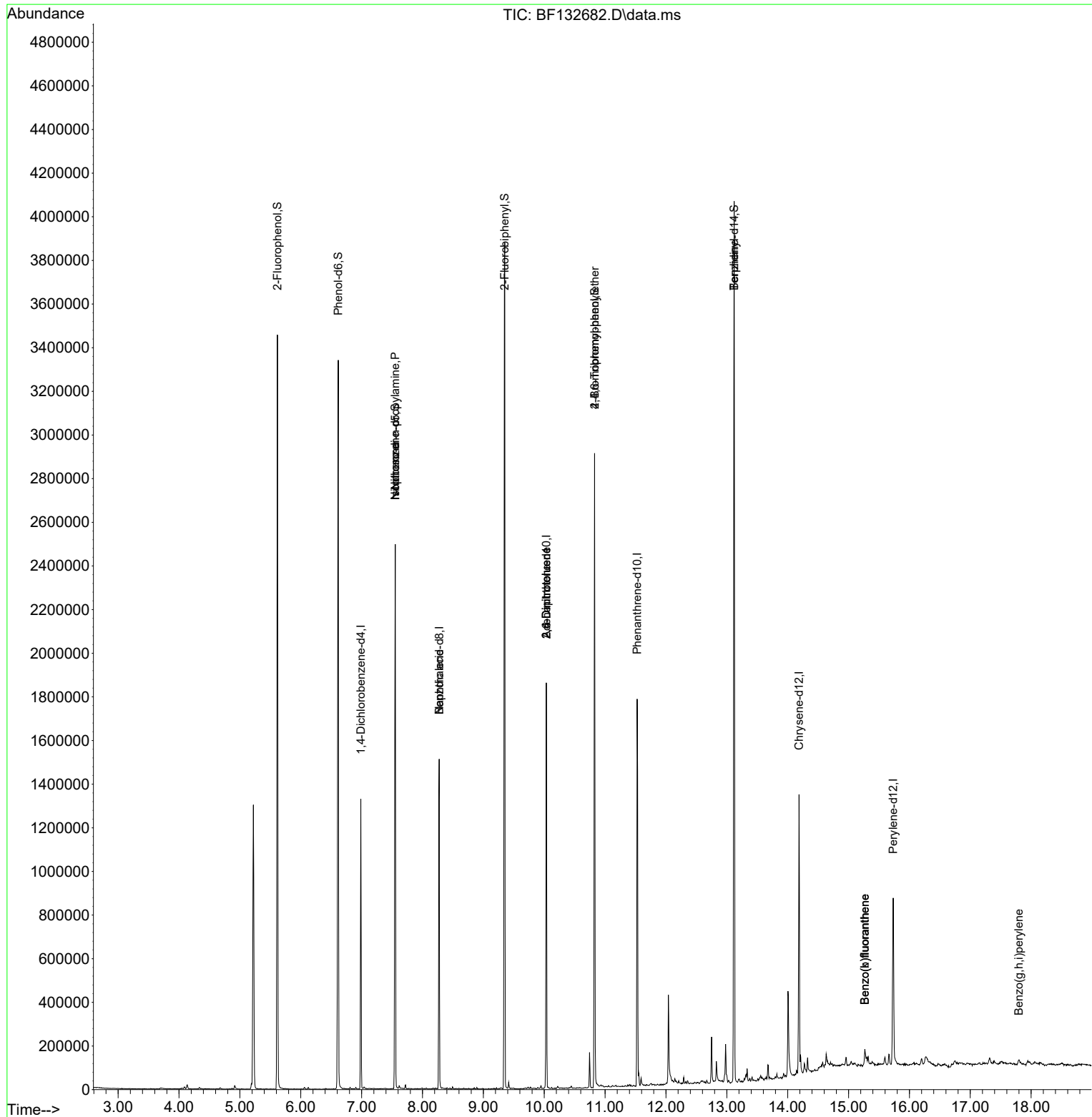
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	176759	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	648319	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	349976	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	666572	20.000	ng	0.00
76) Chrysene-d12	14.186	240	402555	20.000	ng	#-0.01
86) Perylene-d12	15.733	264	360434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	955711	87.752	ng	0.00
7) Phenol-d6	6.616	99	1218696	85.740	ng	0.00
23) Nitrobenzene-d5	7.551	82	776993	56.861	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	329110	87.076	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1250845	54.421	ng	0.00
79) Terphenyl-d14	13.121	244	1449143	60.865	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	102364	11.702	ng	# 75
25) Isophorone	7.551	82	776922	29.655	ng	# 67
32) Benzoic acid	8.275	122	167	3.855	ng	# 1
51) 2,6-Dinitrotoluene	10.033	165	46051	7.935	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	46051	5.965	ng	# 21
67) 4-Bromophenyl-phenylether	10.827	248	21895	2.904	ng	# 1
77) Benzidine	13.121	184	21111	2.154	ng	# 94
88) Benzo(b)fluoranthene	15.268	252	54724	2.266	ng	# 97
89) Benzo(k)fluoranthene	15.268	252	54724	2.315	ng	# 97
92) Benzo(g,h,i)perylene	17.798	276	18821	2.451	ng	97

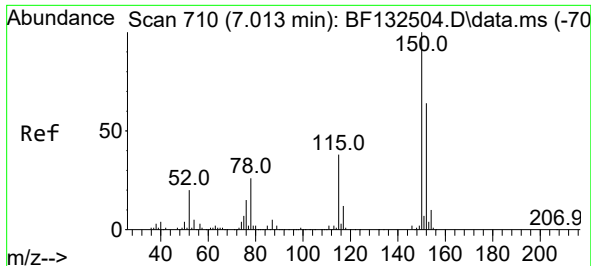
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
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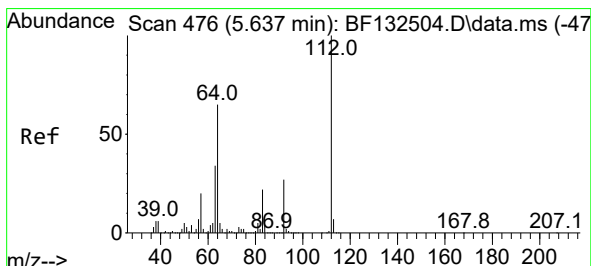
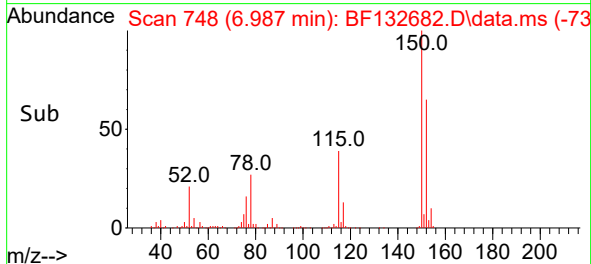
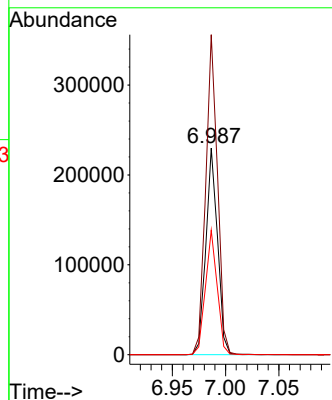
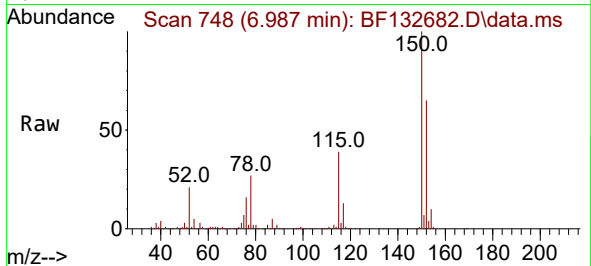




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

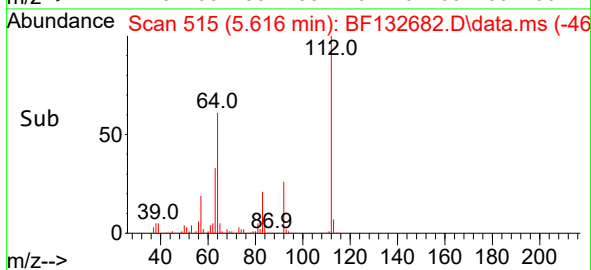
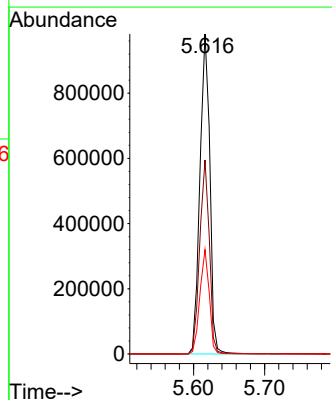
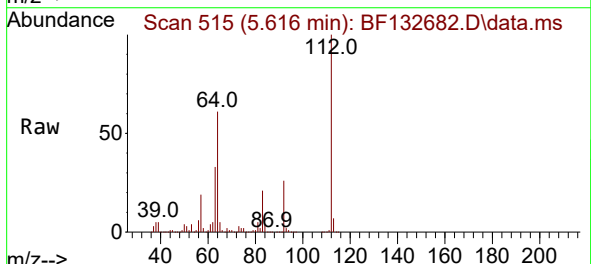
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

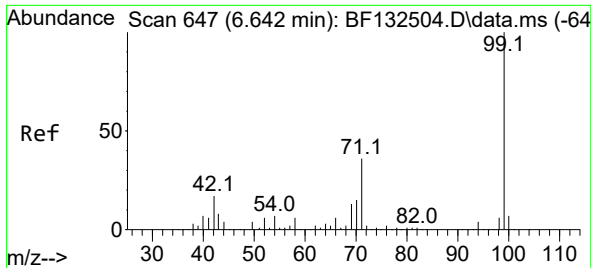
Tgt Ion:152 Resp: 176759
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 60.3 47.8 71.6



#5
2-Fluorophenol
Concen: 87.752 ng
RT: 5.616 min Scan# 515
Delta R.T. -0.000 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion:112 Resp: 955711
Ion Ratio Lower Upper
112 100
64 60.6 51.6 77.4
63 32.6 27.4 41.2

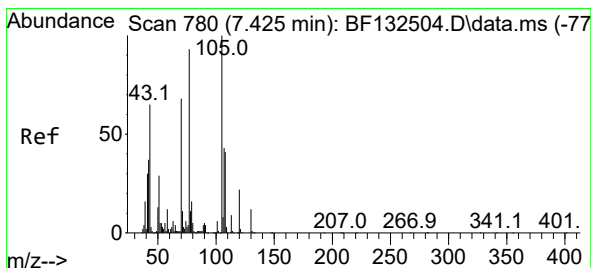
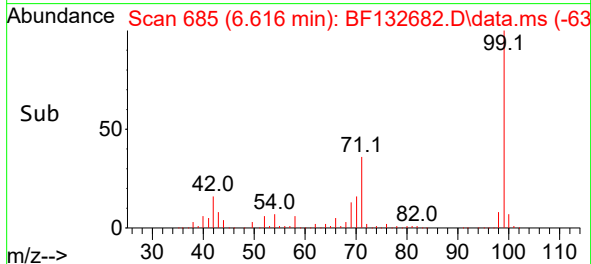
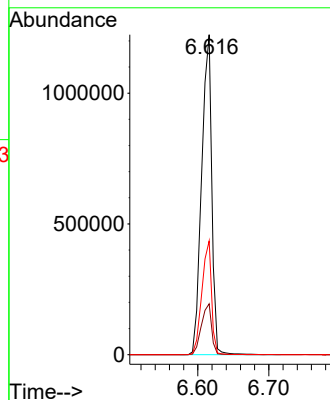
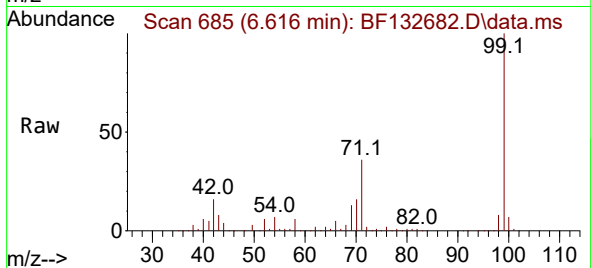




#7
Phenol-d6
Concen: 85.740 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

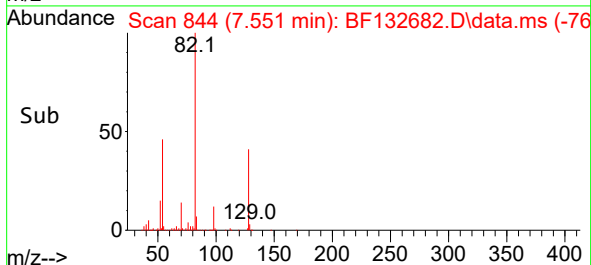
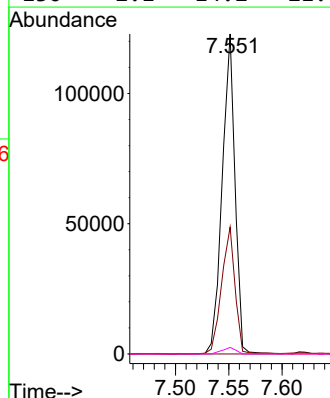
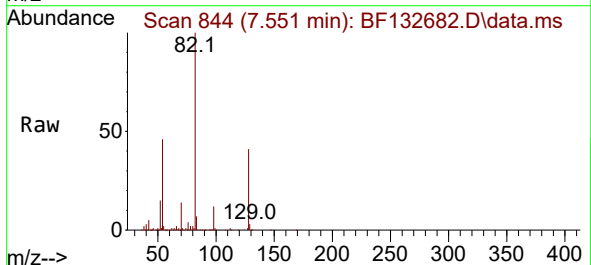
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

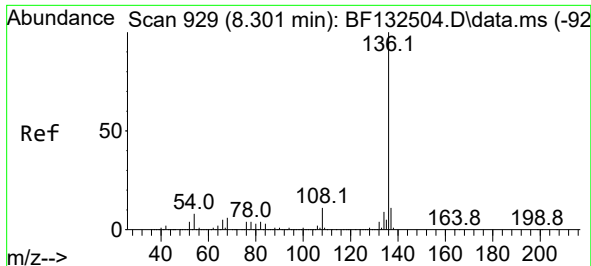
Tgt Ion: 99 Resp: 1218696
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 35.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.702 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion: 70 Resp: 102364
Ion Ratio Lower Upper
70 100
42 39.6 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

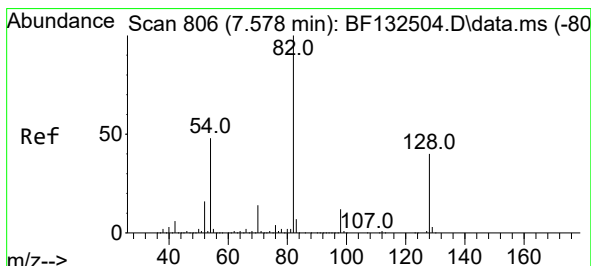
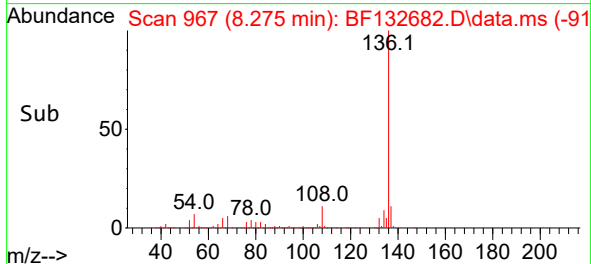
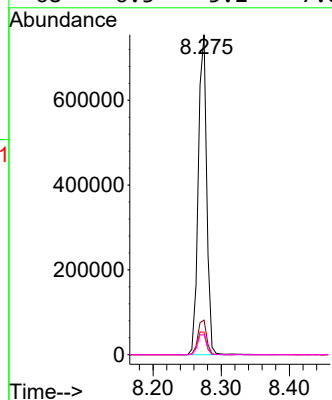
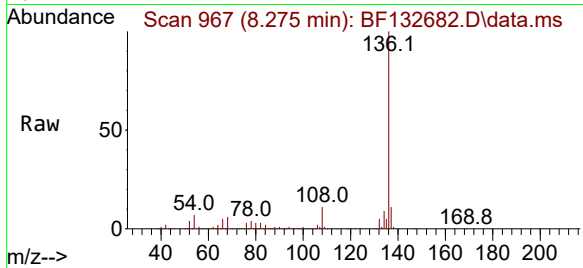




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

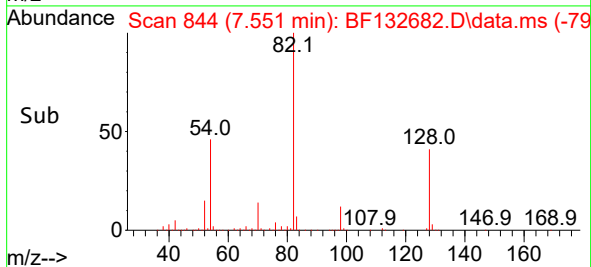
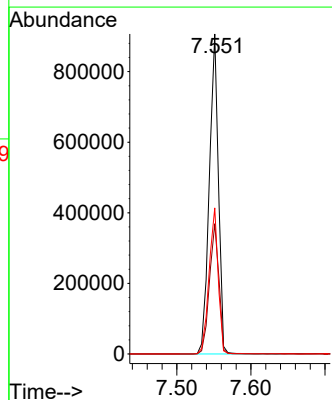
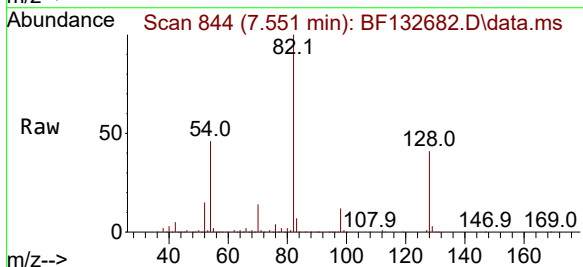
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

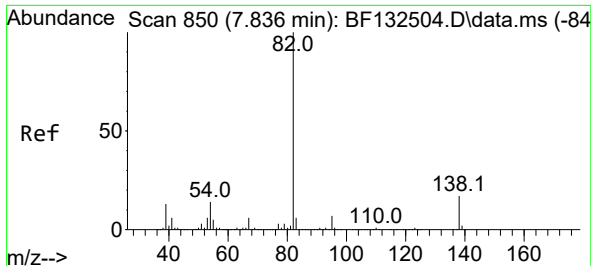
Tgt Ion:136 Resp: 648319
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.1 6.2 9.4
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 56.861 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion: 82 Resp: 776993
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.2
54 45.7 38.4 57.6

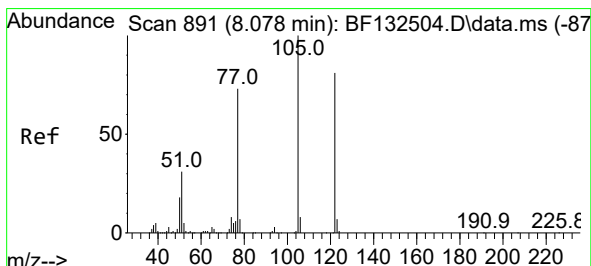
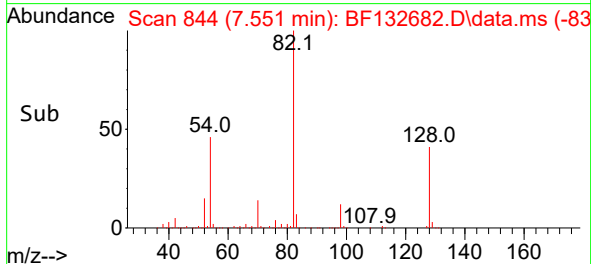
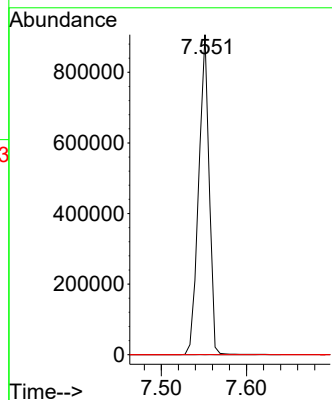
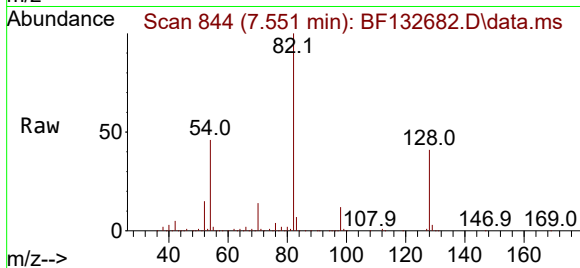




#25
Isophorone
Concen: 29.655 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

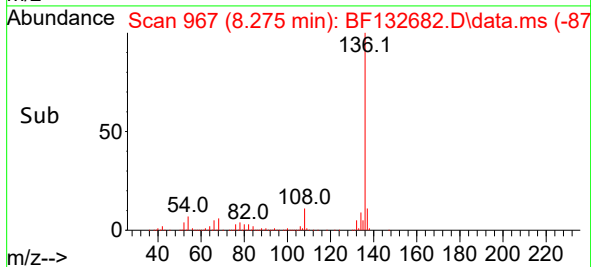
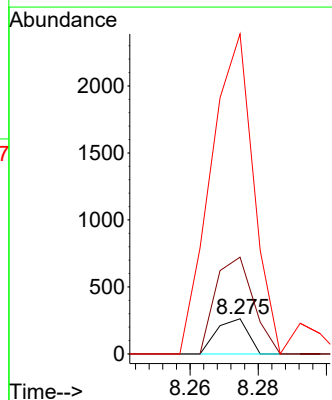
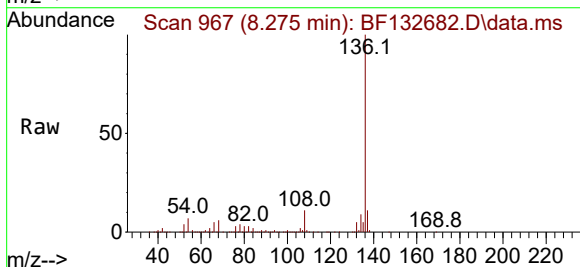
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

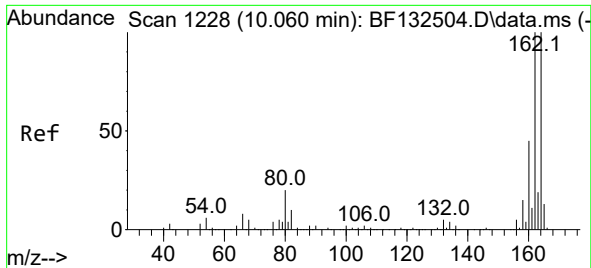
Tgt Ion: 82 Resp: 776922
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.855 ng
RT: 8.275 min Scan# 967
Delta R.T. 0.217 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion: 122 Resp: 167
Ion Ratio Lower Upper
122 100
105 274.5 102.6 142.6#
77 908.0 70.2 110.2#

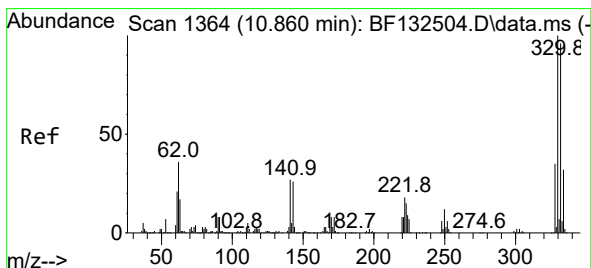
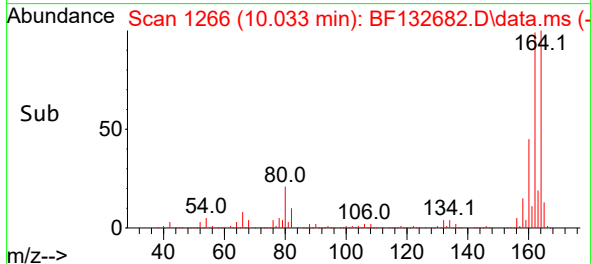
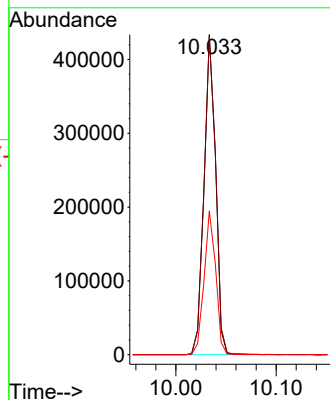
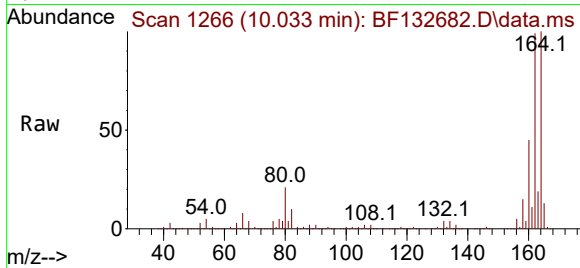




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

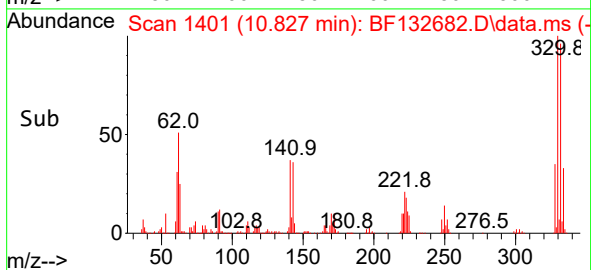
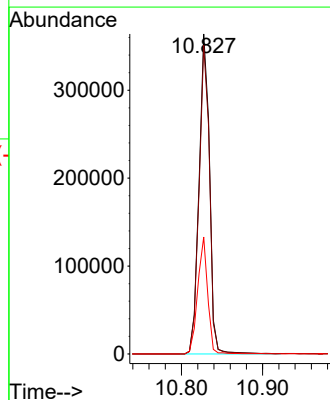
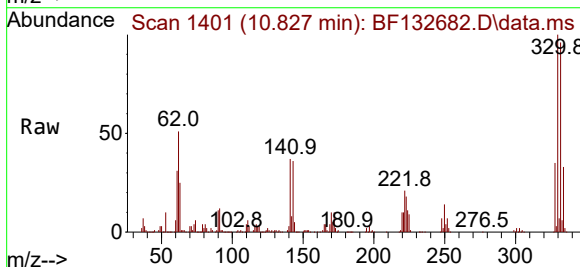
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

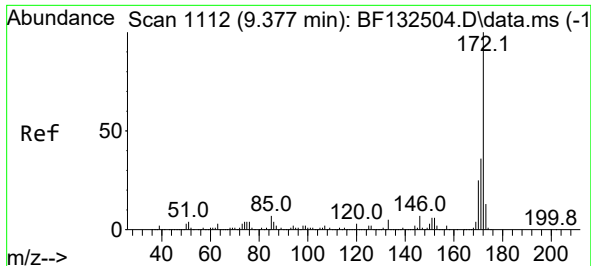
Tgt Ion:164 Resp: 349976
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 87.076 ng
RT: 10.827 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion:330 Resp: 329110
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 34.8 28.4 42.6

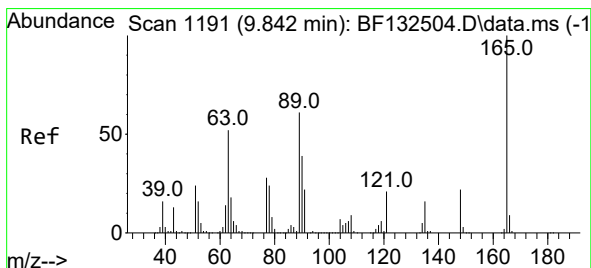
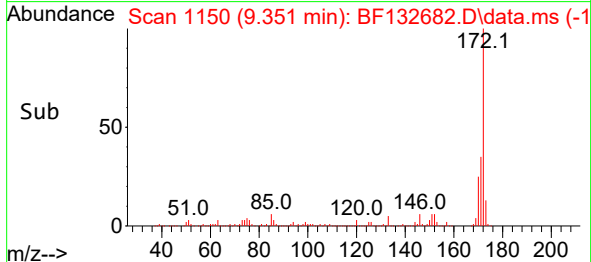
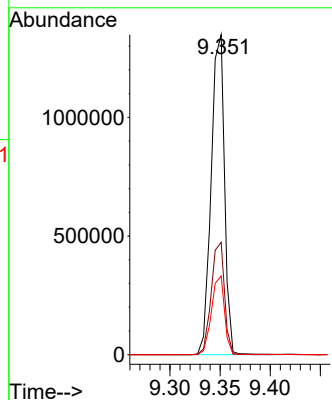
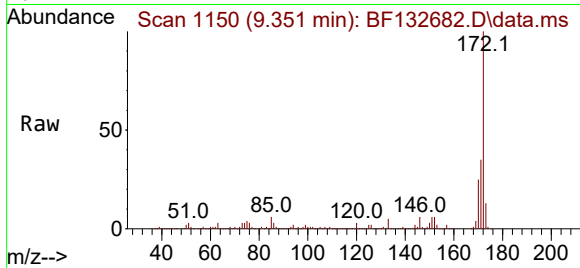




#45
2-Fluorobiphenyl
Concen: 54.421 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

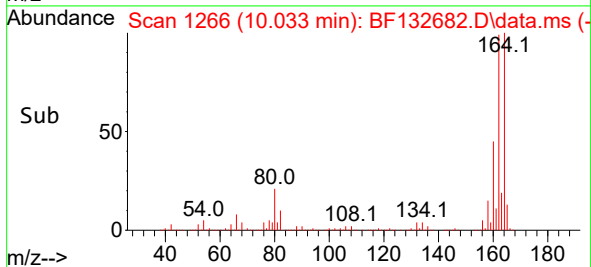
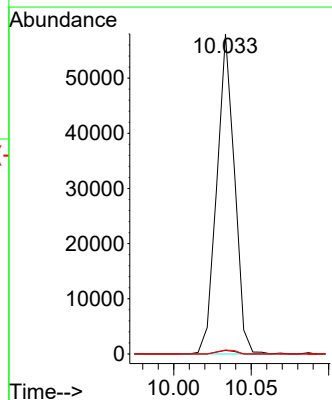
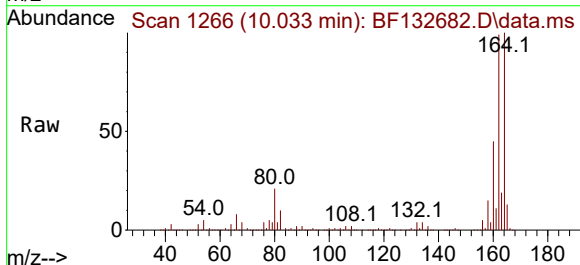
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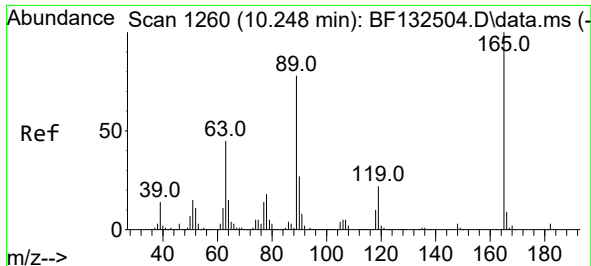
Tgt Ion:172 Resp: 1250845
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 24.6 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.935 ng
RT: 10.033 min Scan# 1266
Delta R.T. 0.212 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion:165 Resp: 46051
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.2 48.9 73.3#

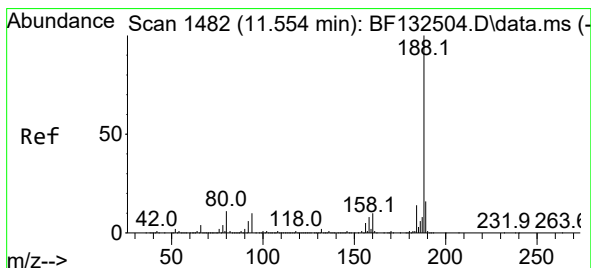
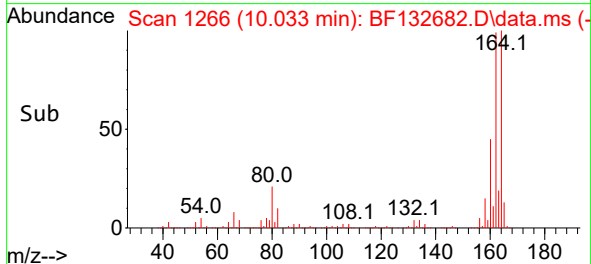
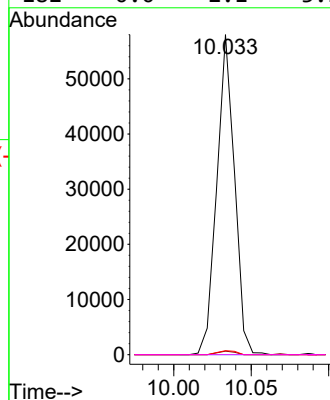
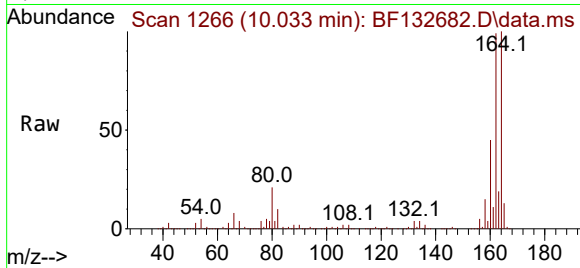




#57
2,4-Dinitrotoluene
Concen: 5.965 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

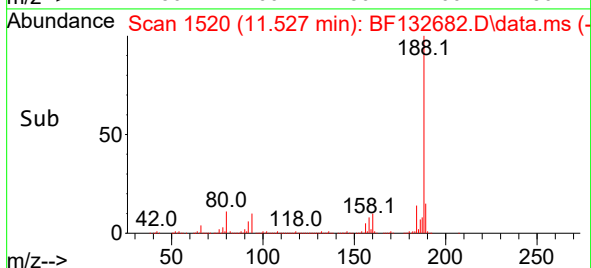
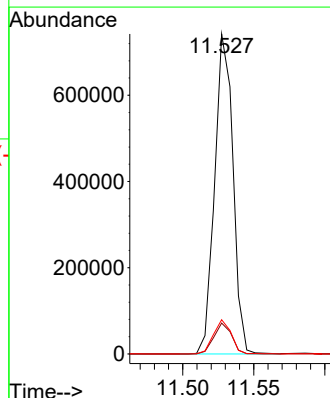
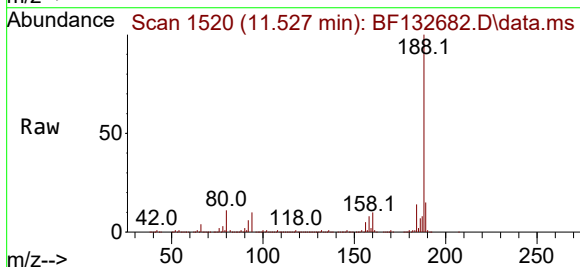
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

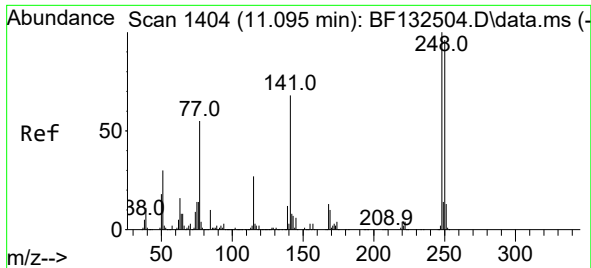
Tgt Ion:165 Resp: 46051
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion:188 Resp: 666572
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.7 8.7 13.1

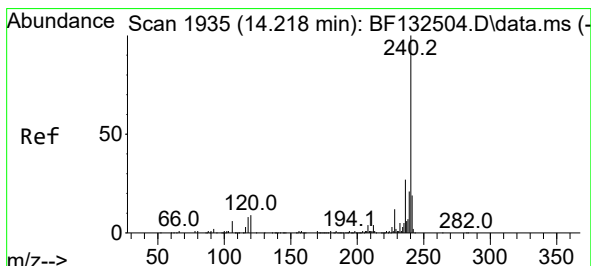
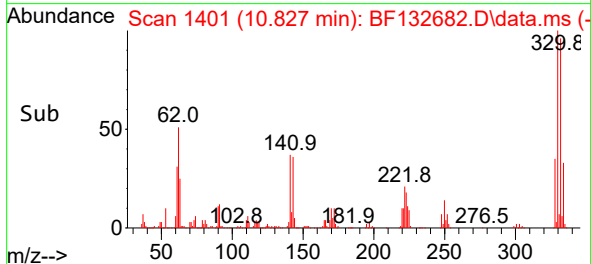
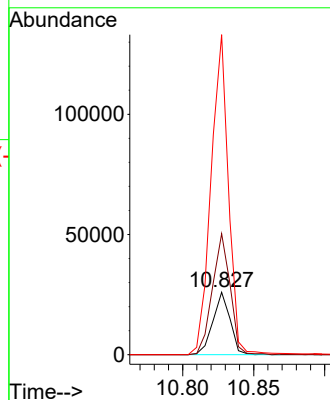
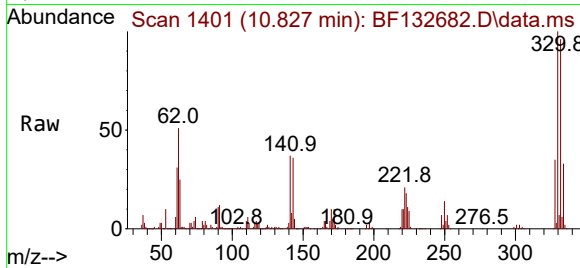




#67
4-Bromophenyl-phenylether
Concen: 2.904 ng
RT: 10.827 min Scan# 1404
Delta R.T. -0.247 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

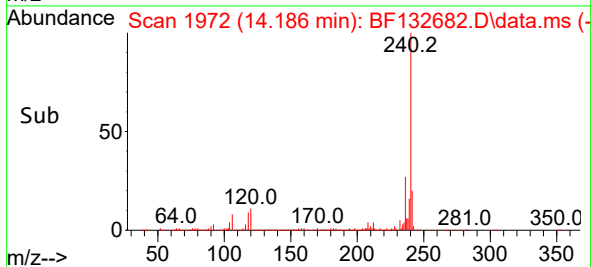
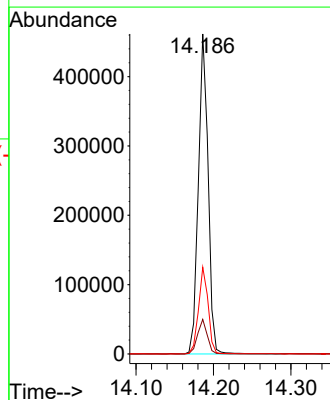
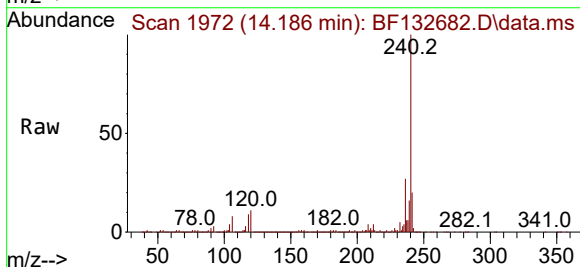
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

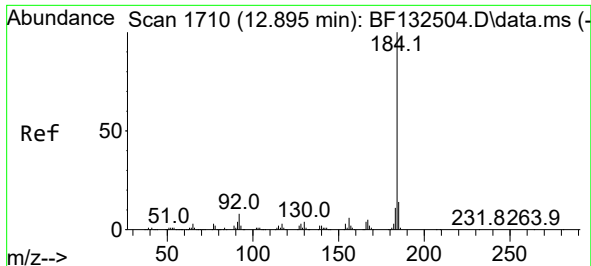
Tgt Ion:248 Resp: 21895
Ion Ratio Lower Upper
248 100
250 193.7 77.0 115.4#
141 512.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion:240 Resp: 402555
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 27.1 21.8 32.6

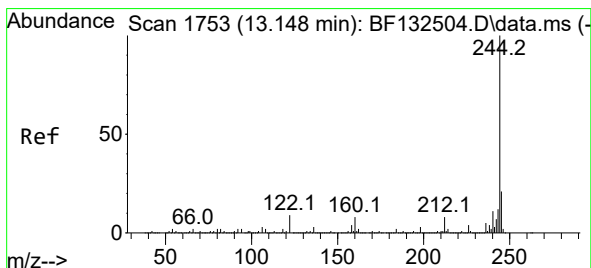
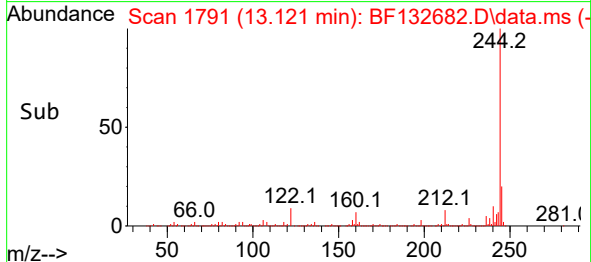
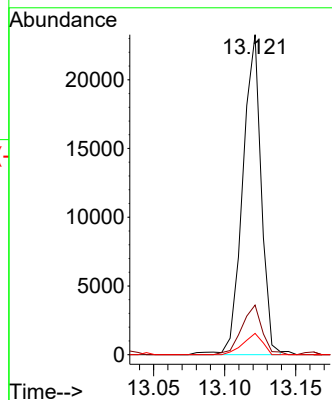
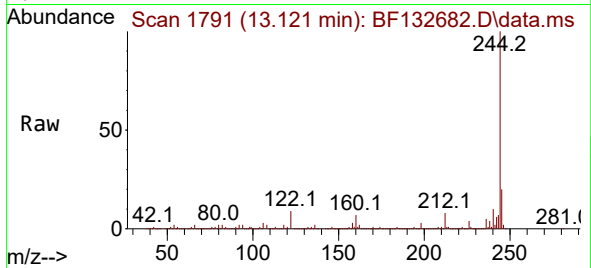




#77
Benzidine
Concen: 2.154 ng
RT: 13.121 min Scan# 1791
Delta R.T. 0.247 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

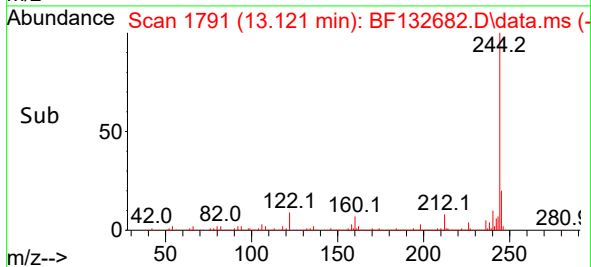
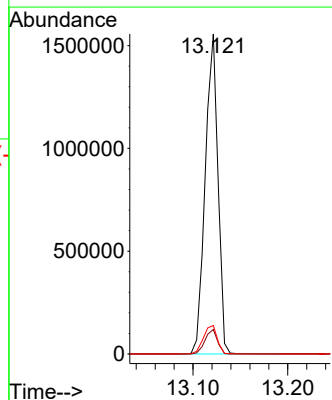
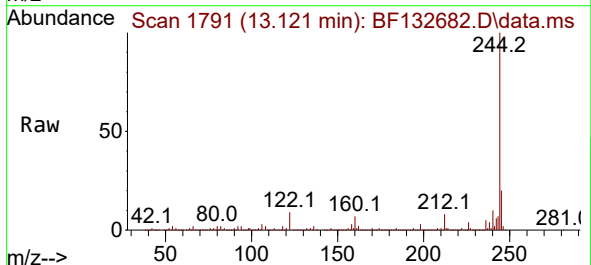
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

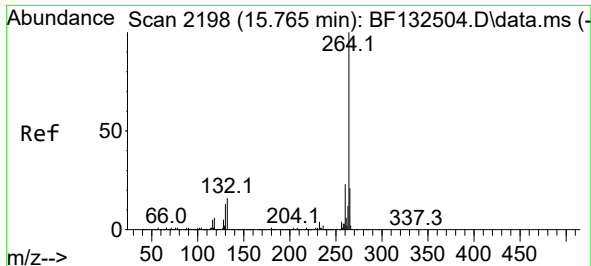
Tgt Ion:184 Resp: 21111
Ion Ratio Lower Upper
184 100
185 15.5 11.7 17.5
183 6.6 8.7 13.1#



#79
Terphenyl-d14
Concen: 60.865 ng
RT: 13.121 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion:244 Resp: 1449143
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.9 7.5 11.3

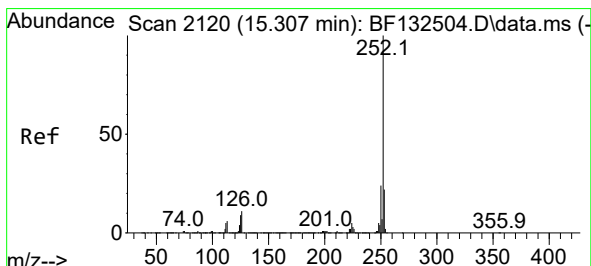
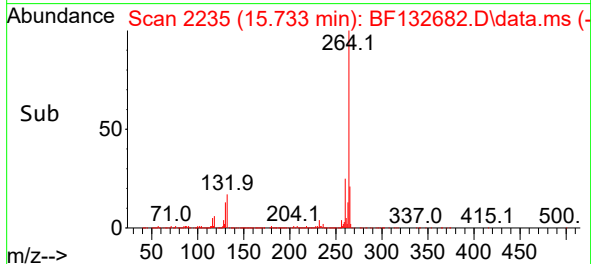
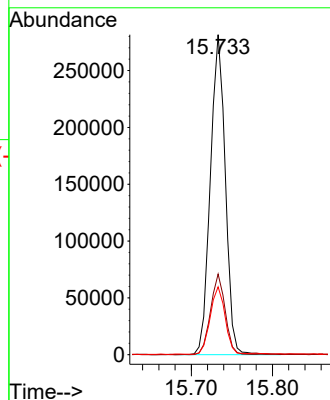
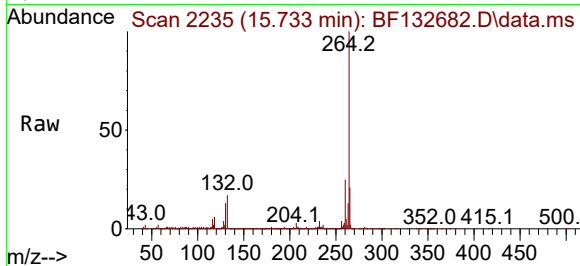




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF132682.D
 Acq: 07 Mar 2023 17:29

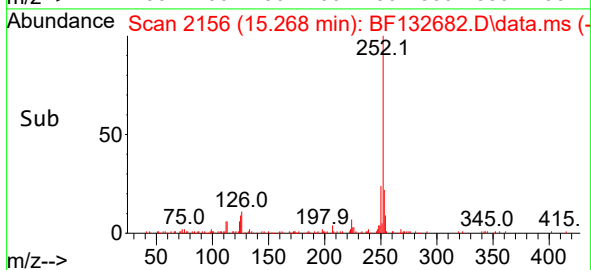
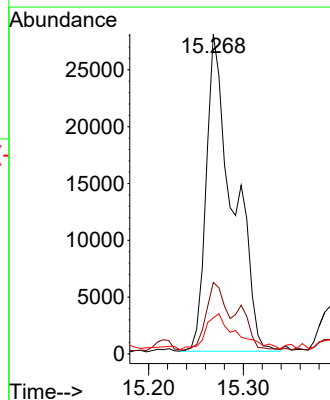
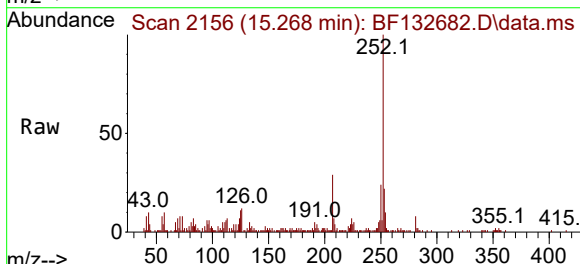
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP3-0306

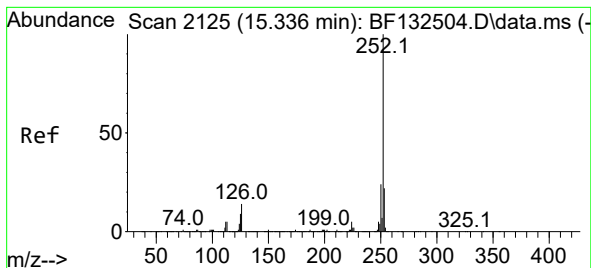
Tgt Ion:264 Resp: 360434
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.8 28.2
 265 21.2 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 2.266 ng
 RT: 15.268 min Scan# 2156
 Delta R.T. -0.012 min
 Lab File: BF132682.D
 Acq: 07 Mar 2023 17:29

Tgt Ion:252 Resp: 54724
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 11.3 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 2.315 ng

RT: 15.268 min Scan# 2125

Delta R.T. -0.047 min

Lab File: BF132682.D

Acq: 07 Mar 2023 17:29

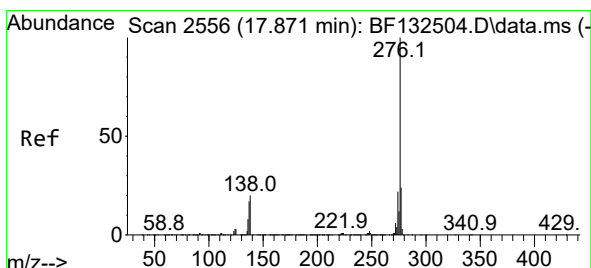
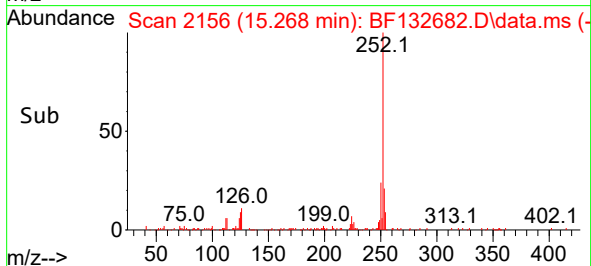
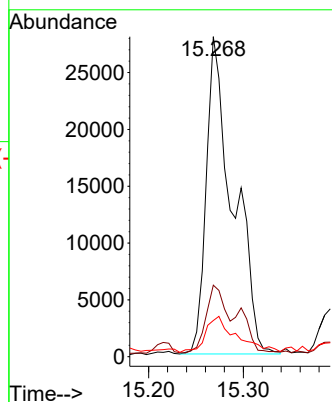
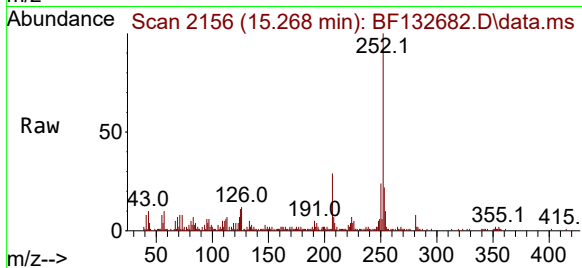
Instrument :

BNA_F

ClientSampleId :

HH-TP3-0306

Tgt Ion:	252	Resp:	54724
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	11.3	7.2	10.8



#92

Benzo(g,h,i)perylene

Concen: 2.451 ng

RT: 17.798 min Scan# 2586

Delta R.T. -0.035 min

Lab File: BF132682.D

Acq: 07 Mar 2023 17:29

Tgt Ion:	276	Resp:	18821
Ion Ratio	Lower	Upper	
276	100		
277	25.0	18.9	28.3
138	21.7	16.2	24.4

