

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132577.D
 Acq On : 28 Feb 2023 17:53
 Operator : CG\JU
 Sample : 01723-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-14

Quant Time: Mar 01 02:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

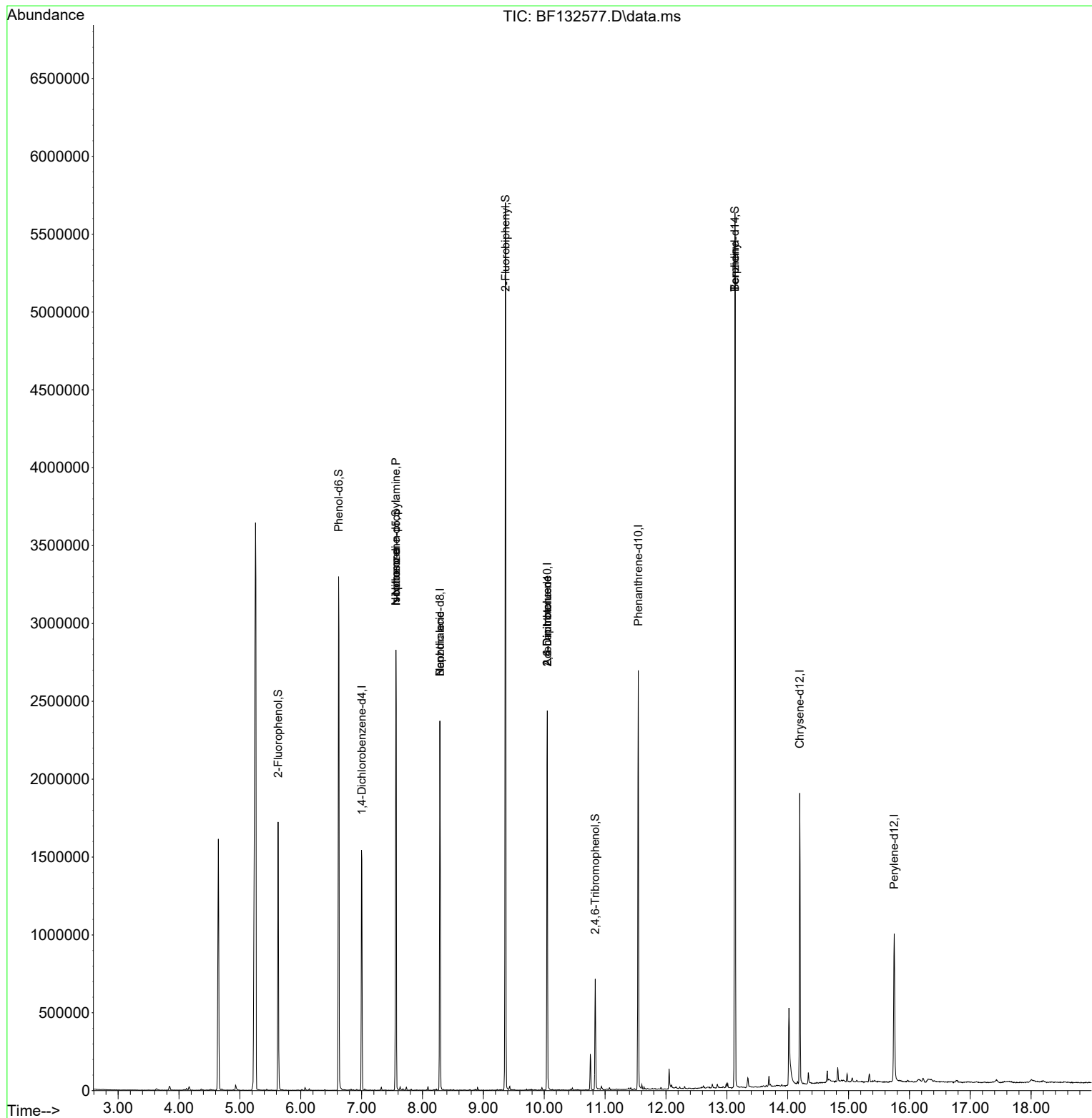
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	240346	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	943596	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	490477	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	966586	20.000	ng	0.00
76) Chrysene-d12	14.198	240	621903	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	456371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	453691	30.636	ng	0.00
7) Phenol-d6	6.622	99	1227491	63.511	ng	-0.01
23) Nitrobenzene-d5	7.563	82	1001665	50.364	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	77170	14.569	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1767183	54.861	ng	0.00
79) Terphenyl-d14	13.133	244	2179550	59.255	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	129911	10.922	ng	# 77
25) Isophorone	7.563	82	1001653	26.269	ng	# 67
32) Benzoic acid	8.287	122	113	3.845	ng	# 1
51) 2,6-Dinitrotoluene	10.051	165	62946	7.739	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	62946	5.817	ng	# 21
77) Benzidine	13.133	184	30398	2.008	ng	# 92

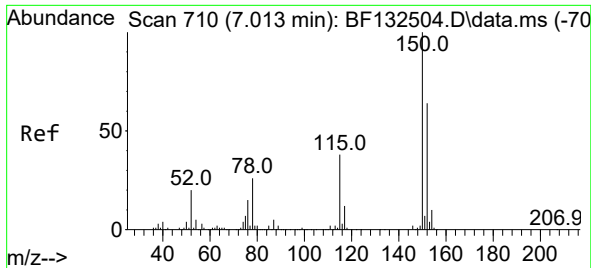
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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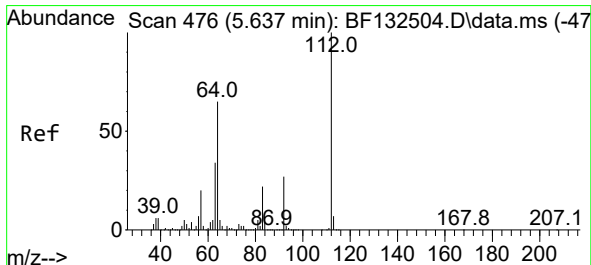
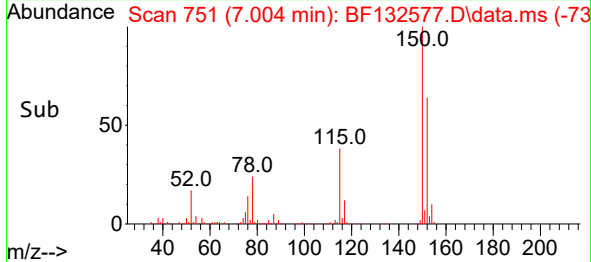
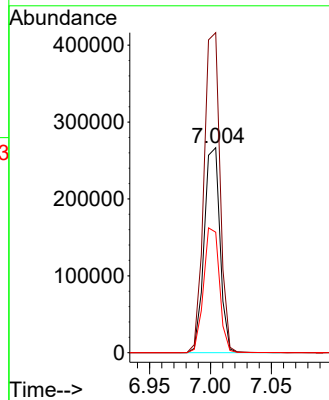
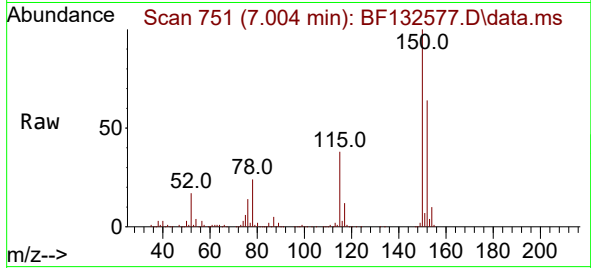




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

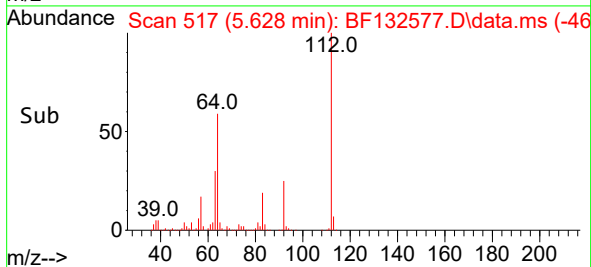
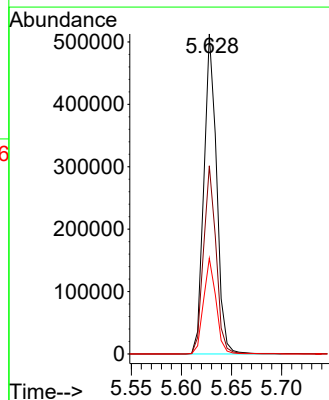
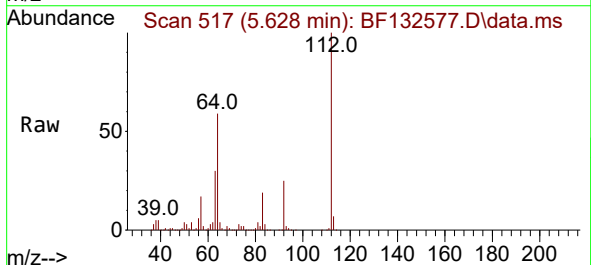
Instrument :
BNA_F
ClientSampleId :
HH-CON-14

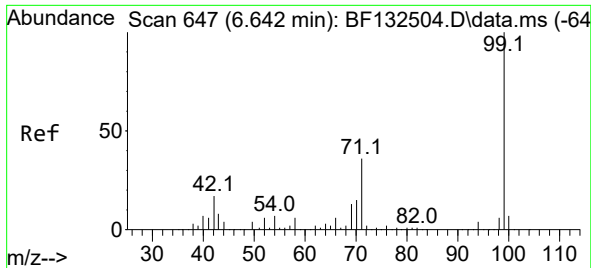
Tgt Ion:152 Resp: 240346
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.2
115 58.8 47.8 71.6



#5
2-Fluorophenol
Concen: 30.636 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion:112 Resp: 453691
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 29.9 27.4 41.2

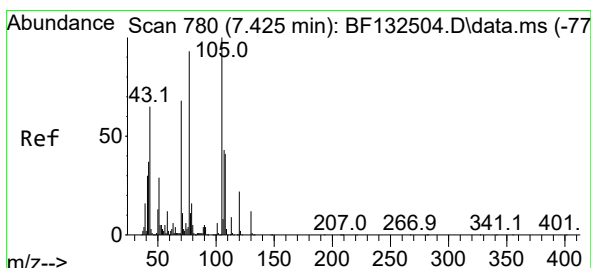
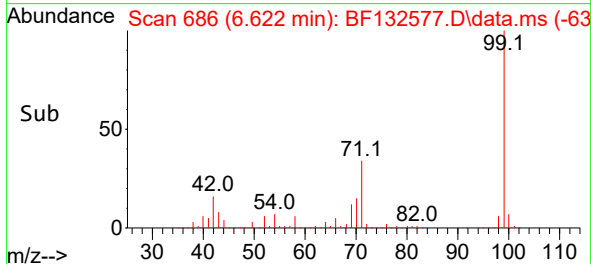
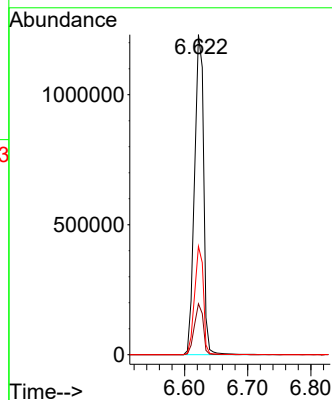
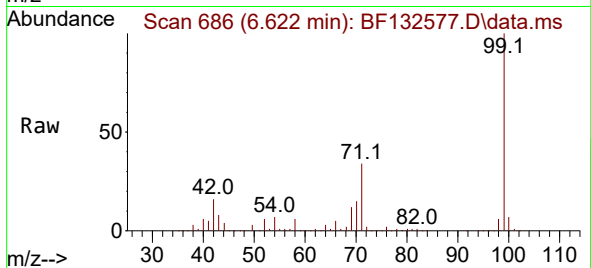




#7
Phenol-d6
Concen: 63.511 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

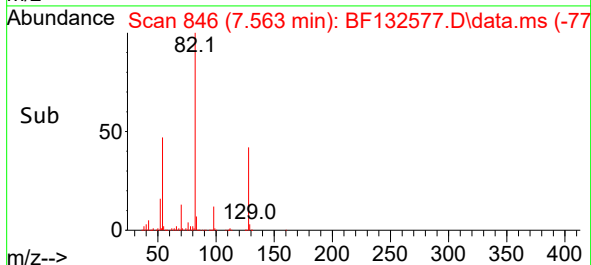
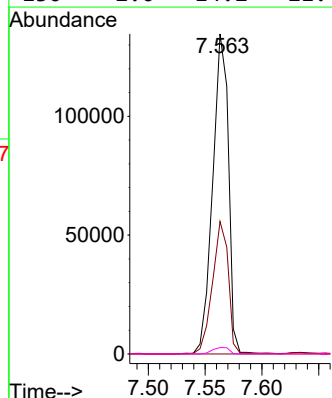
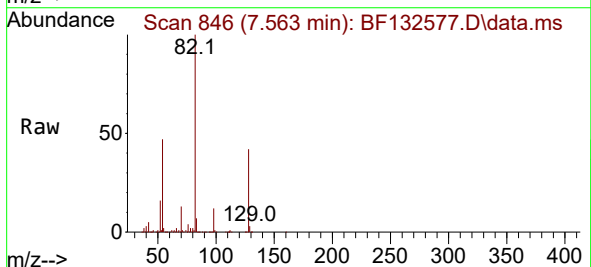
Instrument :
BNA_F
ClientSampleId :
HH-CON-14

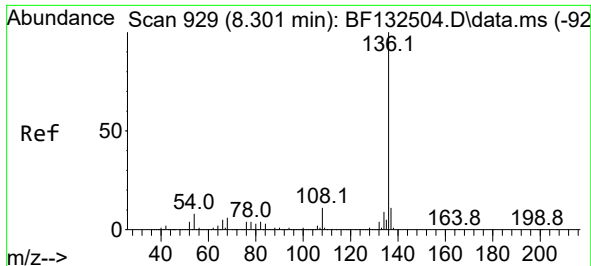
Tgt Ion: 99 Resp: 1227491
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 33.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.922 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion: 70 Resp: 129911
Ion Ratio Lower Upper
70 100
42 41.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



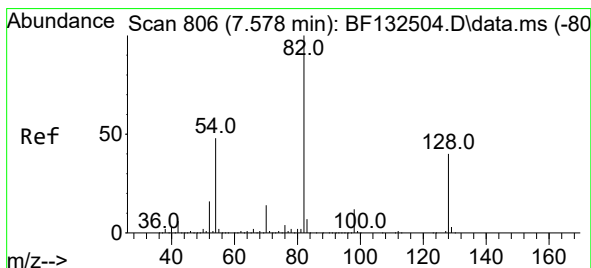
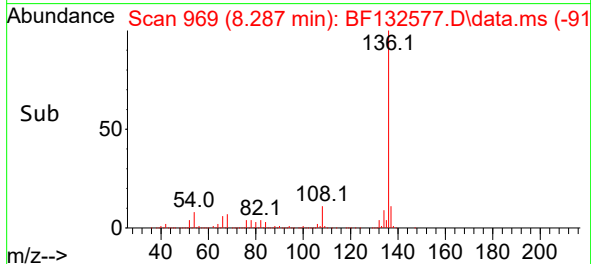
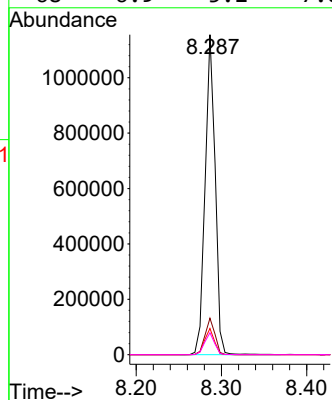
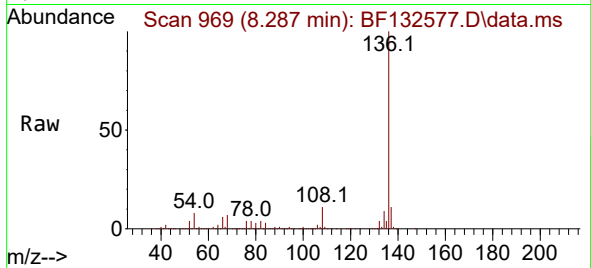


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Instrument :
BNA_F
ClientSampleId :
HH-CON-14

Tgt Ion:136 Resp: 943596

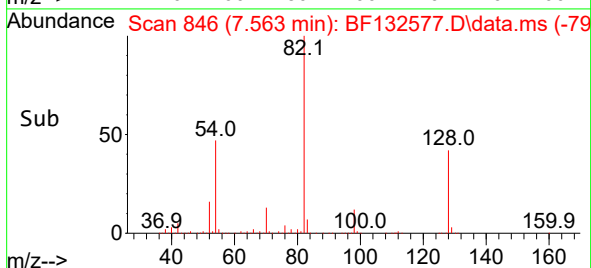
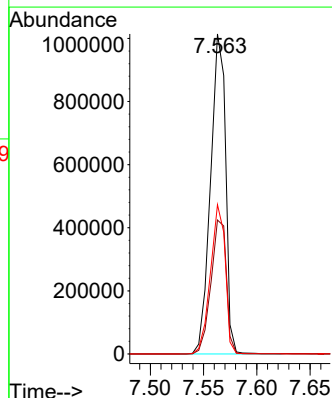
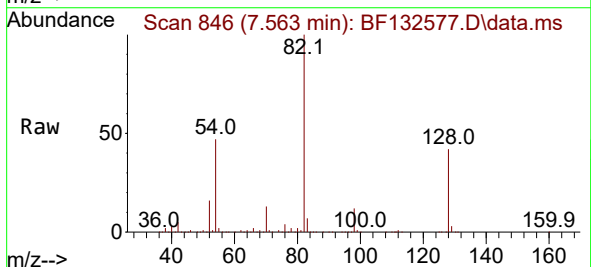
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	6.2	9.4
68	6.9	5.2	7.8

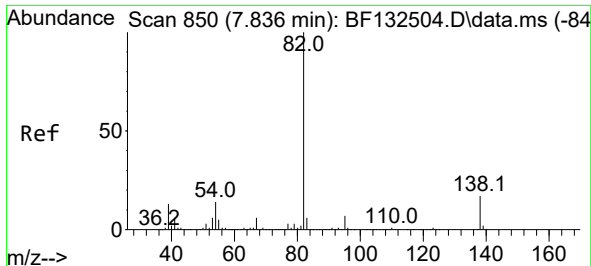


#23
Nitrobenzene-d5
Concen: 50.364 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion: 82 Resp: 1001665

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.2	48.2
54	46.6	38.4	57.6

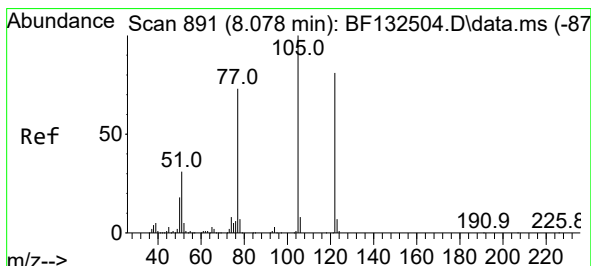
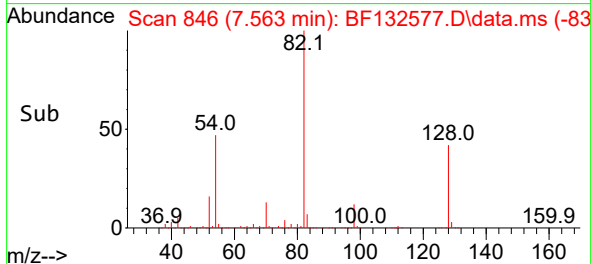
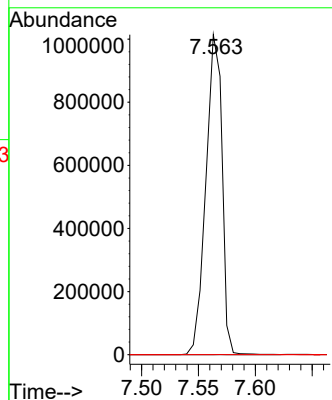
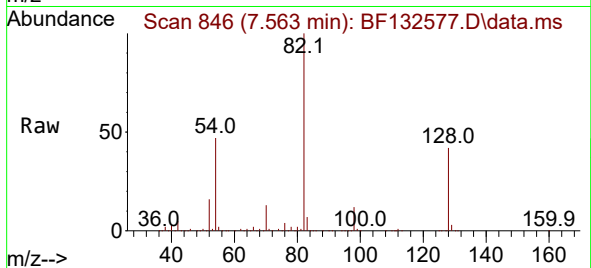




#25
Isophorone
Concen: 26.269 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

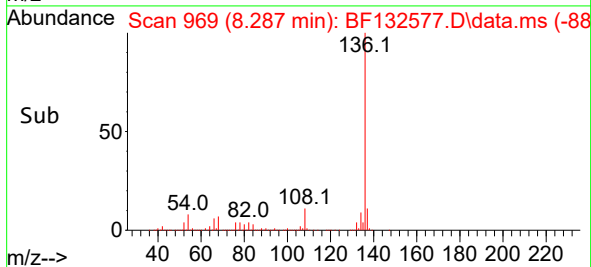
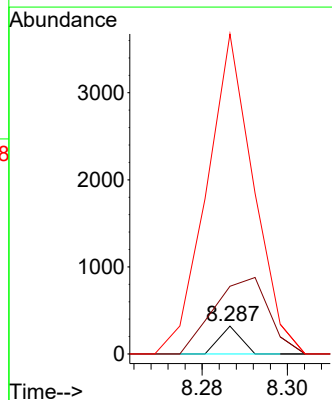
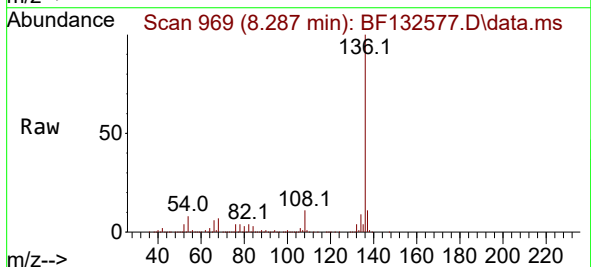
Instrument :
BNA_F
ClientSampleId :
HH-CON-14

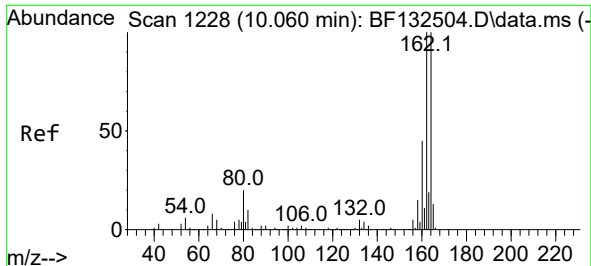
Tgt Ion: 82 Resp: 1001653
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.845 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 243.1 102.6 142.6#
77 1148.4 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132577.D

Acq: 28 Feb 2023 17:53

Instrument :

BNA_F

ClientSampleId :

HH-CON-14

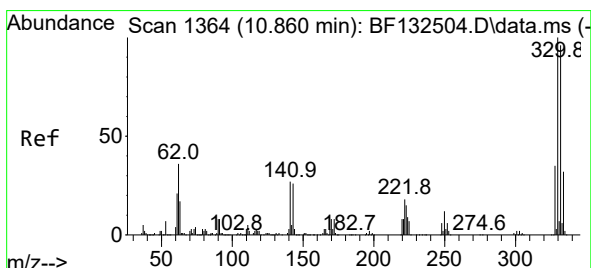
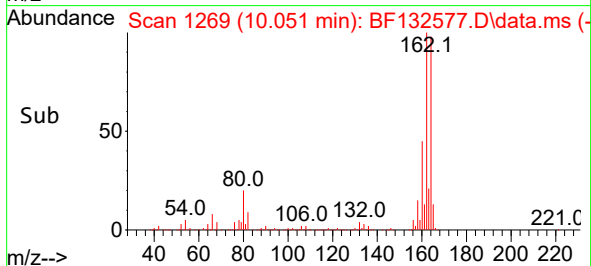
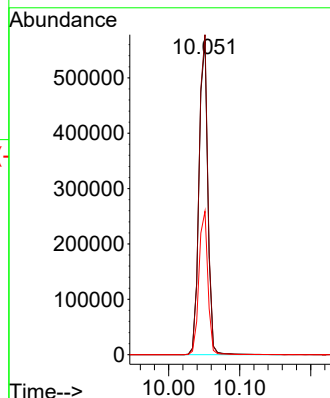
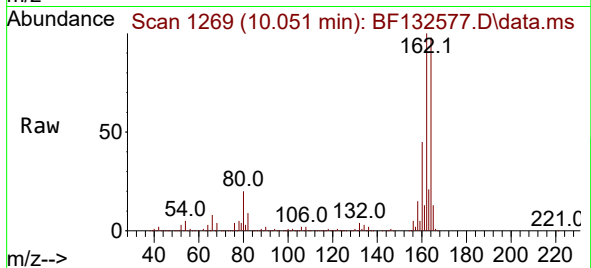
Tgt Ion:164 Resp: 490477

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.8

160 45.7 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 14.569 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132577.D

Acq: 28 Feb 2023 17:53

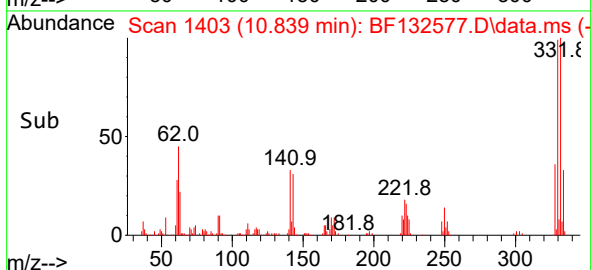
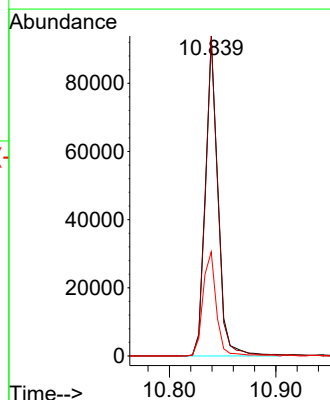
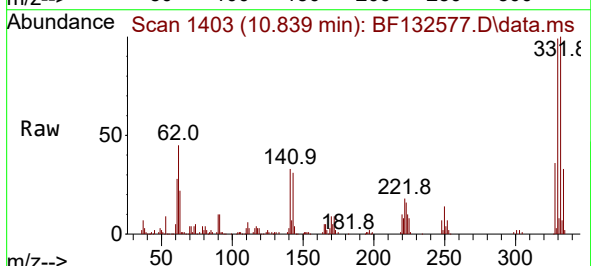
Tgt Ion:330 Resp: 77170

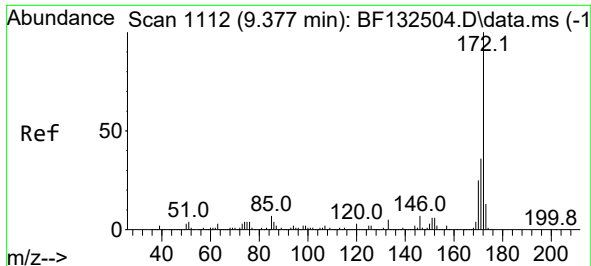
Ion Ratio Lower Upper

330 100

332 98.9 76.2 114.4

141 34.8 28.4 42.6

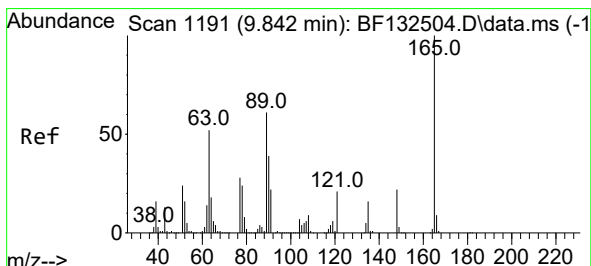
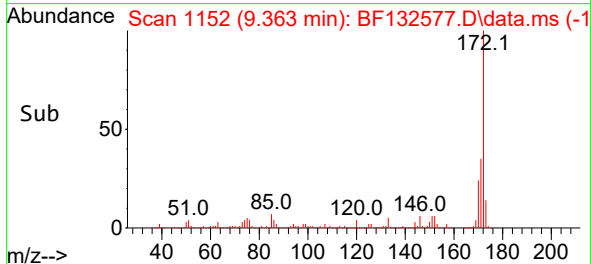
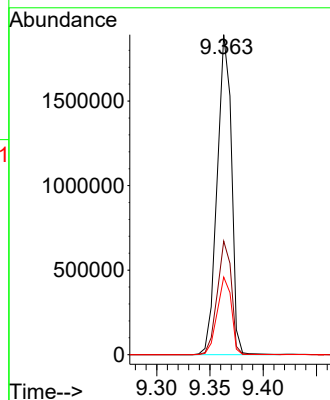
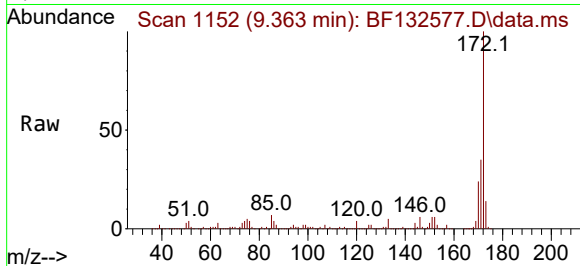




#45
2-Fluorobiphenyl
Concen: 54.861 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

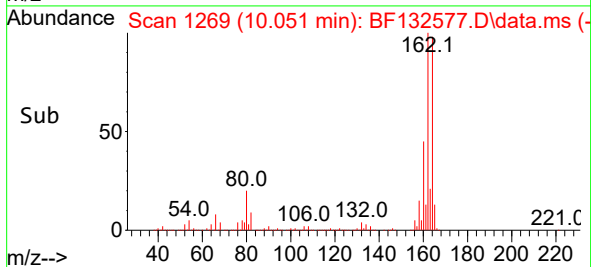
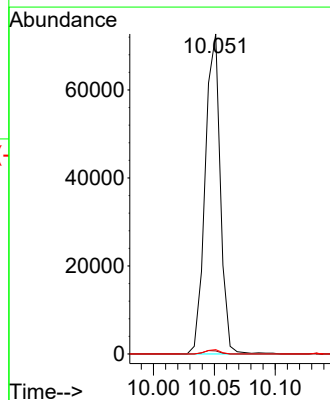
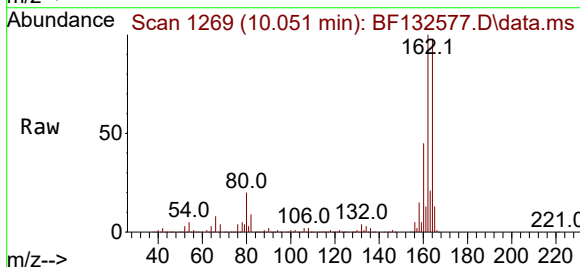
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HH-CON-14

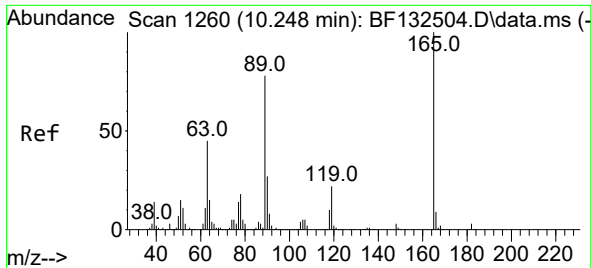
Tgt Ion:172 Resp: 1767183
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.2 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.739 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion:165 Resp: 62946
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.3 48.9 73.3#

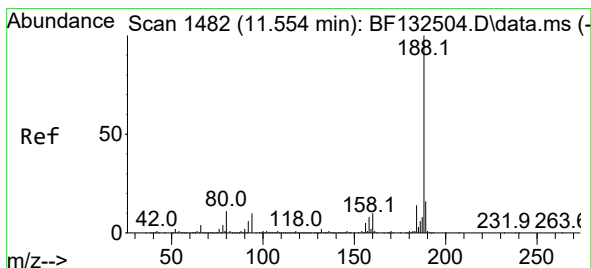
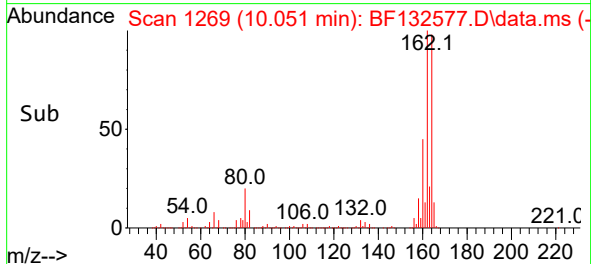
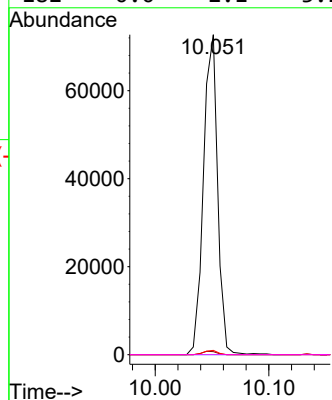
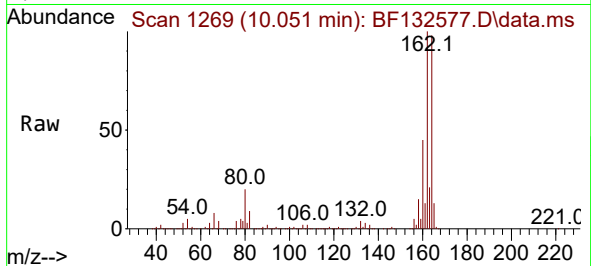




#57
2,4-Dinitrotoluene
Concen: 5.817 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

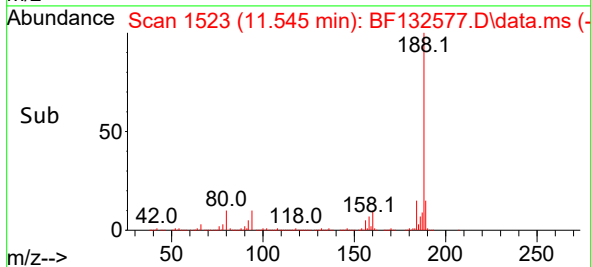
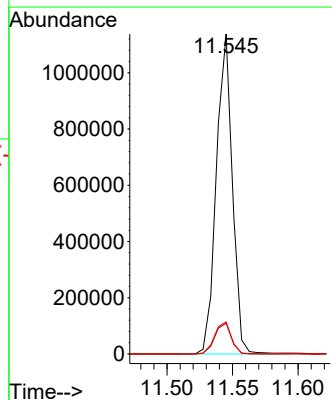
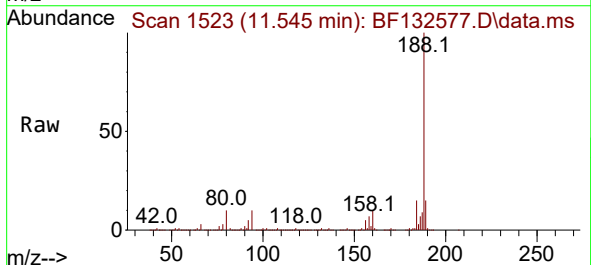
Instrument :
BNA_F
ClientSampleId :
HH-CON-14

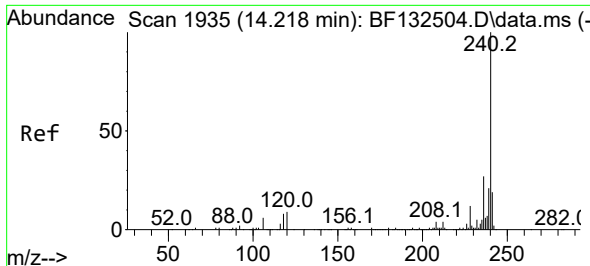
Tgt Ion:165 Resp: 62946
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

Tgt Ion:188 Resp: 966586
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.0 8.7 13.1

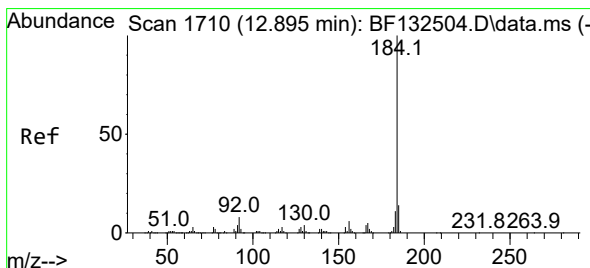
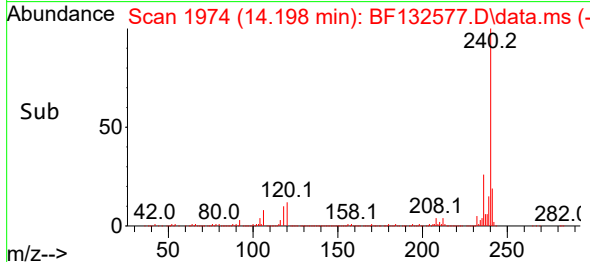
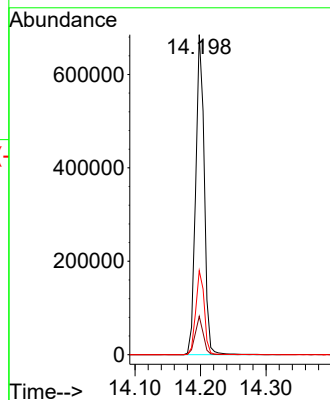
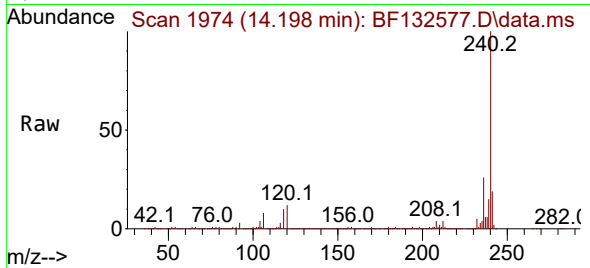




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

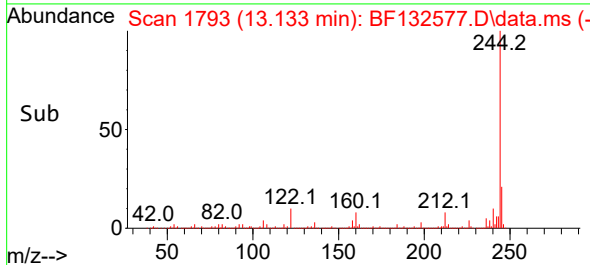
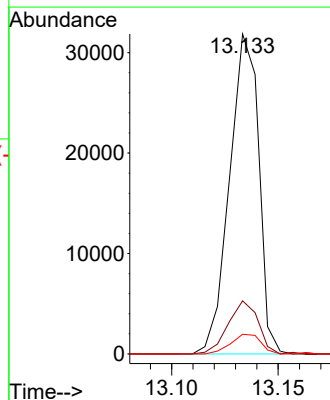
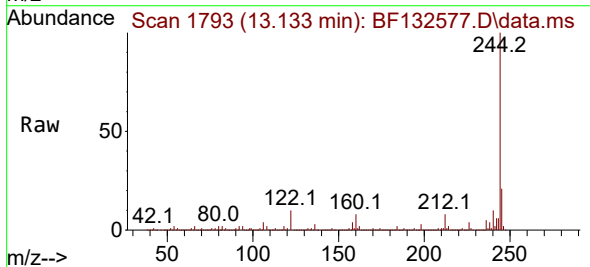
Instrument :
BNA_F
ClientSampleId :
HH-CON-14

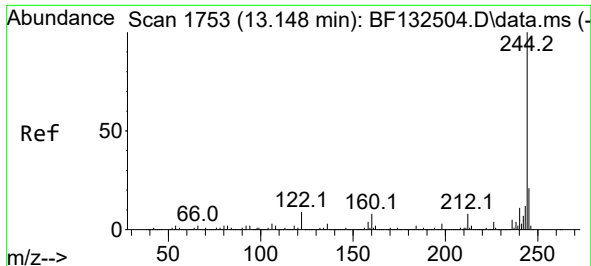
Tgt Ion:240 Resp: 621903
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 26.3 21.8 32.6



#77
Benzidine
Concen: 2.008 ng
RT: 13.133 min Scan# 1793
Delta R.T. 0.250 min
Lab File: BF132577.D
Acq: 28 Feb 2023 17:53

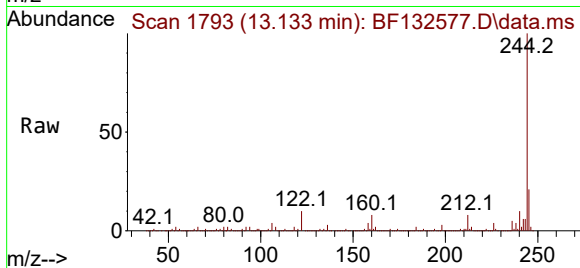
Tgt Ion:184 Resp: 30398
Ion Ratio Lower Upper
184 100
185 16.6 11.7 17.5
183 6.1 8.7 13.1#



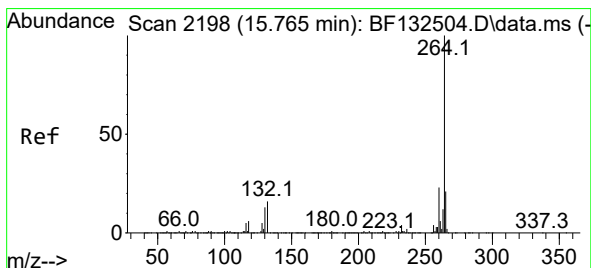
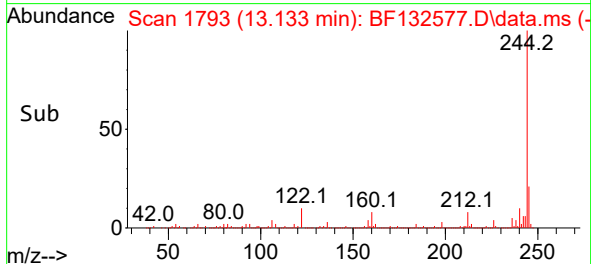
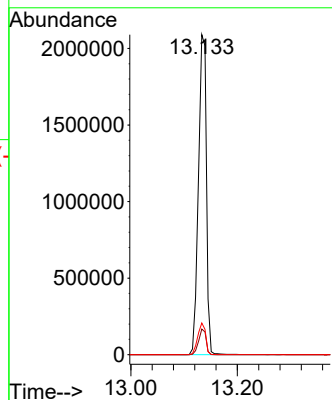


#79
 Terphenyl-d14
 Concen: 59.255 ng
 RT: 13.133 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BF132577.D
 Acq: 28 Feb 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-14



Tgt Ion:244 Resp: 2179550
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132577.D
 Acq: 28 Feb 2023 17:53

Tgt Ion:264 Resp: 456371
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.9 17.1 25.7

