

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133097.D
 Acq On : 27 Apr 2023 13:49
 Operator : CG\JU
 Sample : 02448-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230345-COMP-23

Quant Time: Apr 28 02:07:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

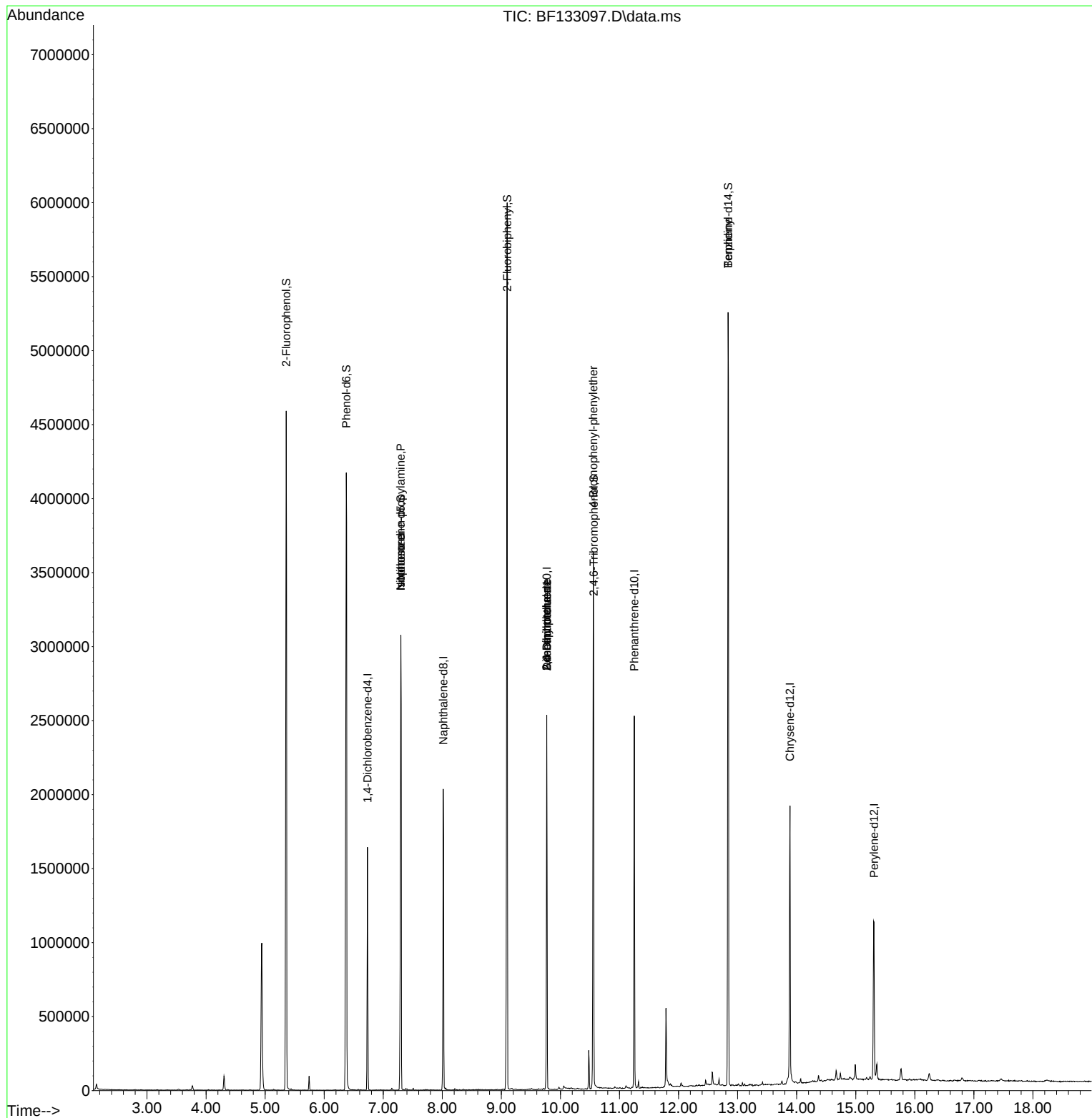
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	212234	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	882994	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	465254	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	830163	20.000	ng	0.00
76) Chrysene-d12	13.886	240	555745	20.000	ng	-0.01
86) Perylene-d12	15.309	264	484798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1486080	105.774	ng	0.01
7) Phenol-d6	6.375	99	1843706	105.727	ng	0.00
23) Nitrobenzene-d5	7.298	82	1097815	67.109	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	519763	111.084	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1895050	68.144	ng	0.00
79) Terphenyl-d14	12.839	244	2026954	62.903	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	422	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.298	70	147409	13.578	ng	# 75
25) Isophorone	7.298	82	1094479	35.238	ng	# 63
50) Dimethylphthalate	9.769	163	91972	2.835	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	60336	8.263	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	60336	6.480	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	31930	3.546	ng	# 1
77) Benzidine	12.839	184	22893	2.436	ng	# 94

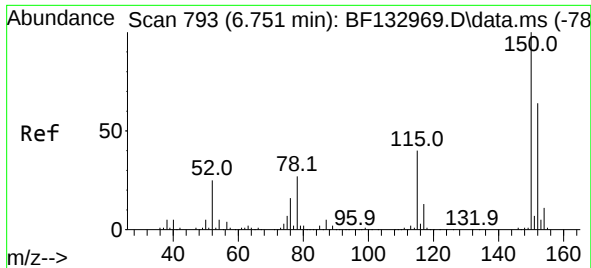
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 02:07:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

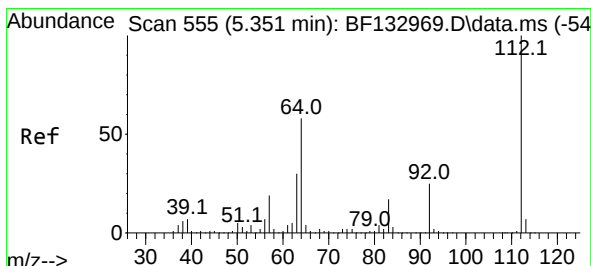
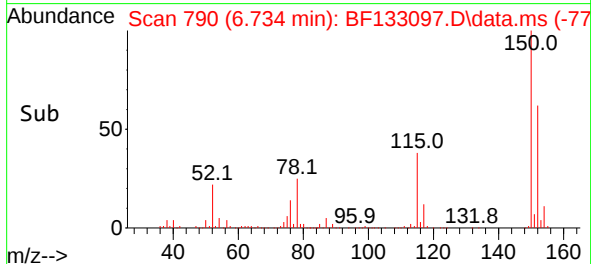
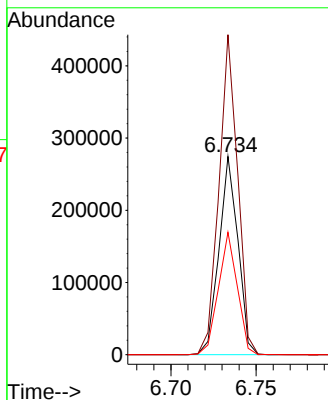
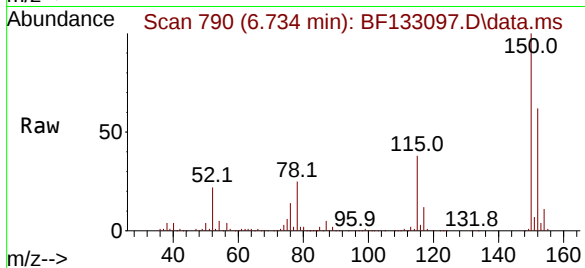




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

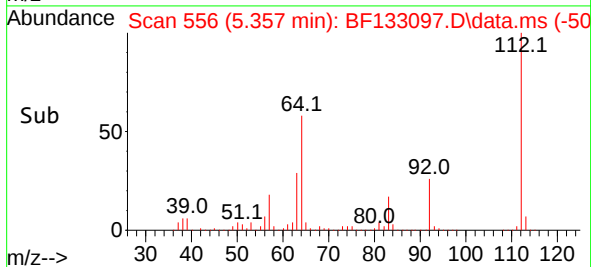
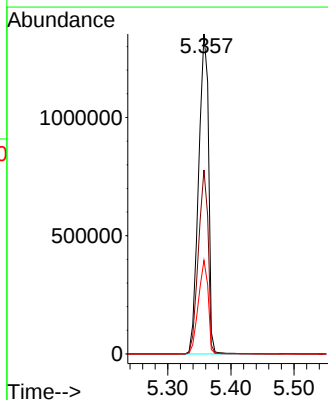
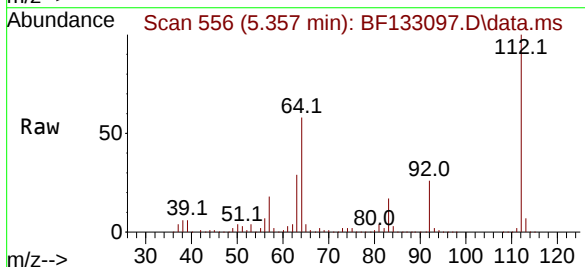
Instrument :
BNA_F
ClientSampleId :
20230345-COMP-23

Tgt Ion:152 Resp: 212234
Ion Ratio Lower Upper
152 100
150 161.5 124.8 187.2
115 61.8 49.9 74.9



#5
2-Fluorophenol
Concen: 105.774 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.011 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Tgt Ion:112 Resp: 1486080
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 29.3 23.8 35.8

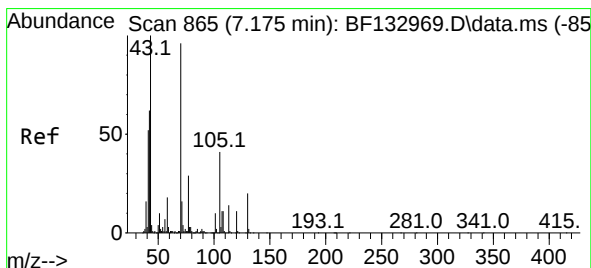
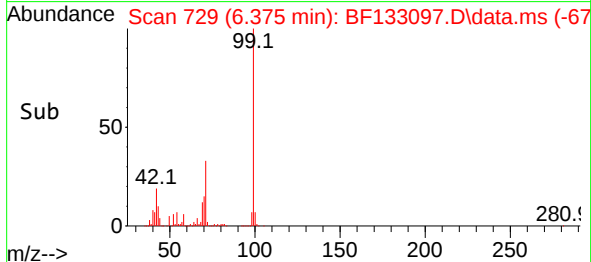
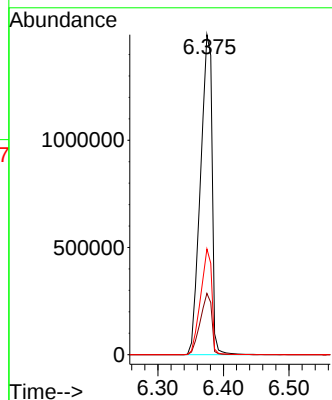
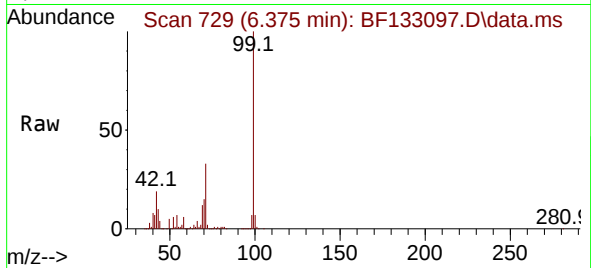




#7
Phenol-d6
Concen: 105.727 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

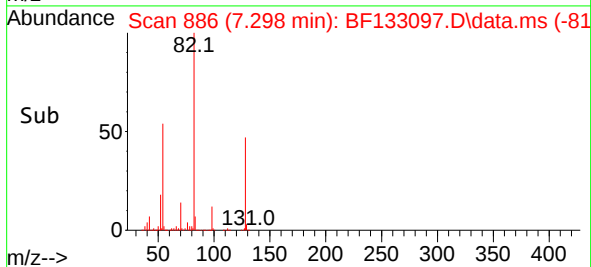
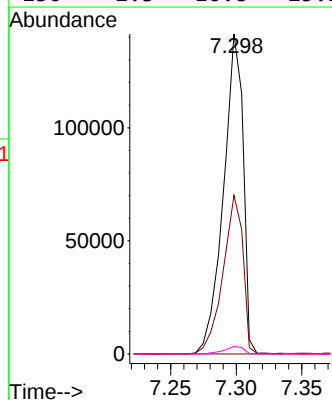
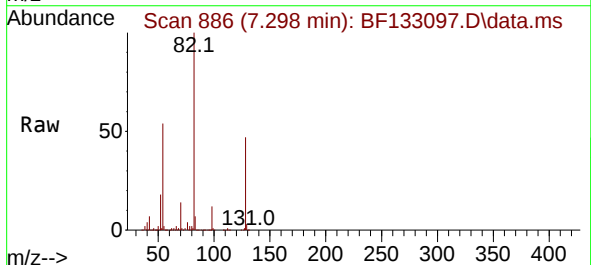
Instrument :
BNA_F
ClientSampleId :
20230345-COMP-23

Tgt Ion: 99 Resp: 1843706
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 33.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.578 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Tgt Ion: 70 Resp: 147409
Ion Ratio Lower Upper
70 100
42 49.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



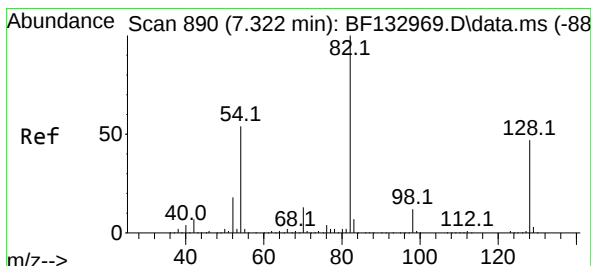
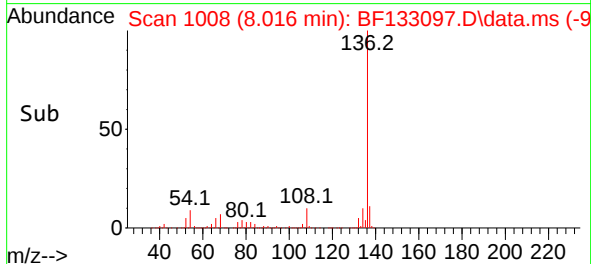
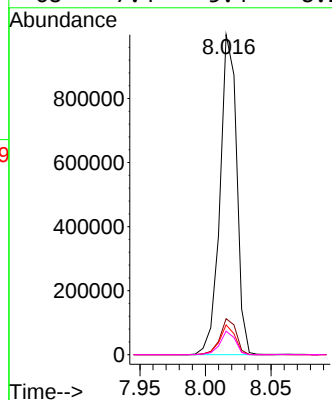
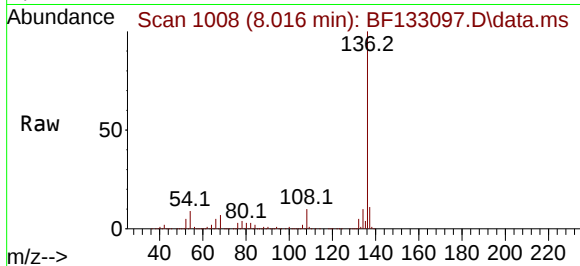


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Instrument :
BNA_F
ClientSampleId :
20230345-COMP-23

Tgt Ion:136 Resp: 882994

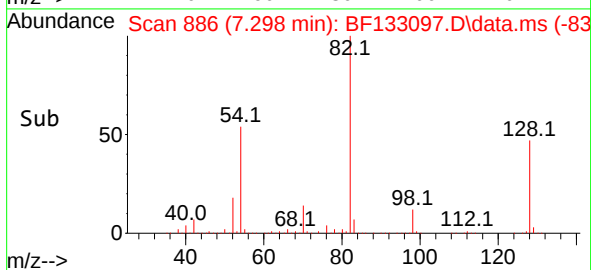
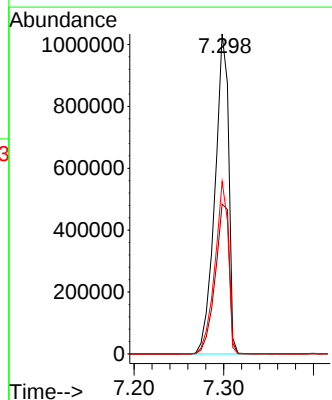
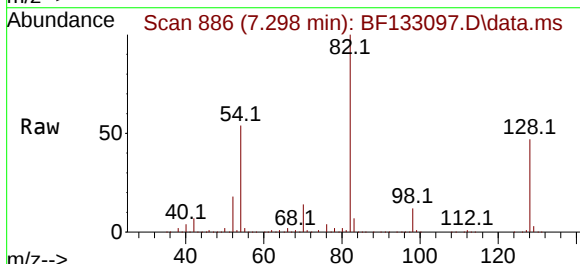
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.3	7.0	10.4
68	7.4	5.4	8.2

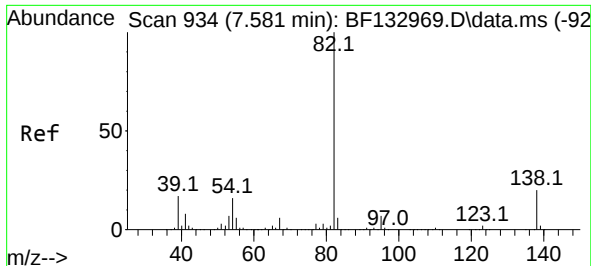


#23
Nitrobenzene-d5
Concen: 67.109 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Tgt Ion: 82 Resp: 1097815

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.7	56.5
54	53.9	43.0	64.4

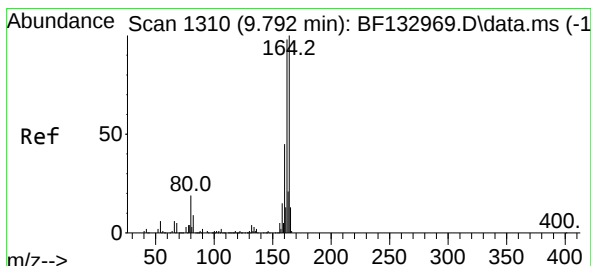
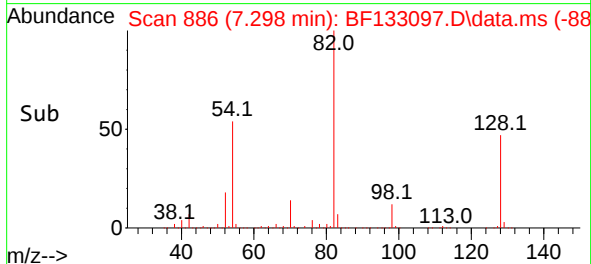
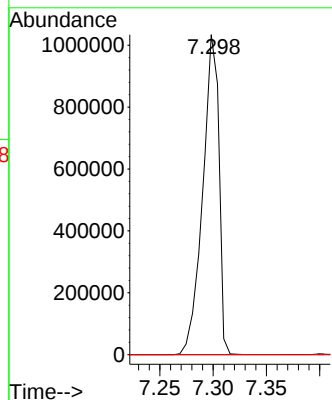
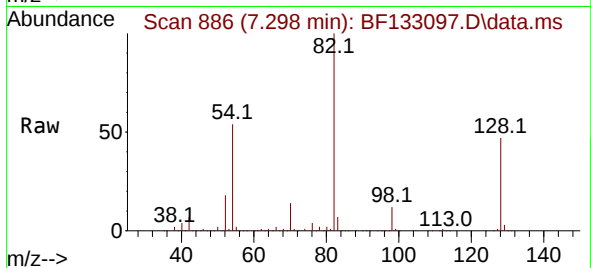




#25
Isophorone
Concen: 35.238 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

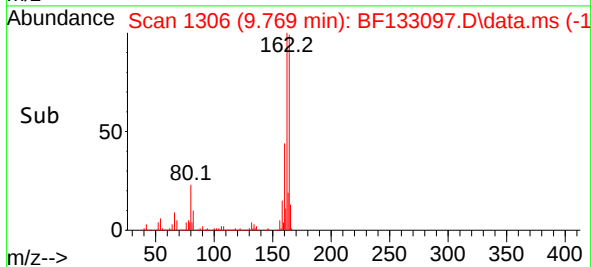
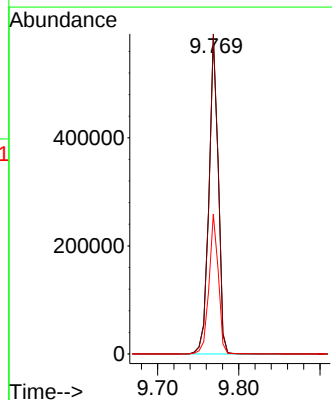
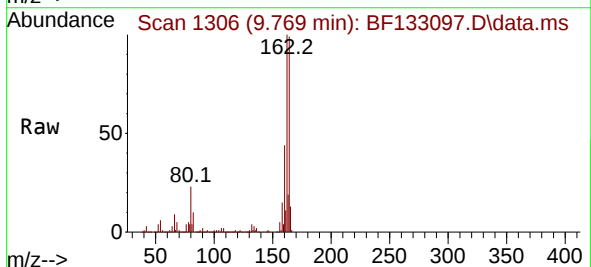
Instrument :
BNA_F
ClientSampleId :
20230345-COMP-23

Tgt Ion: 82 Resp: 1094479
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Tgt Ion:164 Resp: 465254
Ion Ratio Lower Upper
164 100
162 101.1 78.7 118.1
160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 111.084 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.000 min

Lab File: BF133097.D

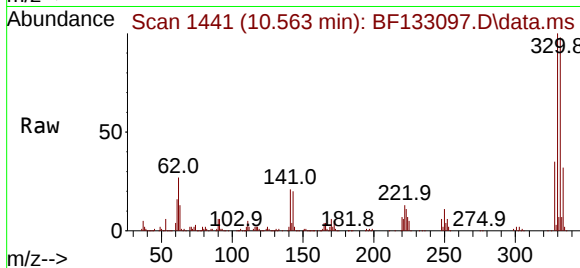
Acq: 27 Apr 2023 13:49

Instrument :

BNA_F

ClientSampleId :

20230345-COMP-23



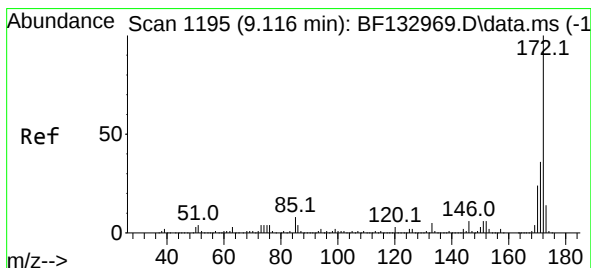
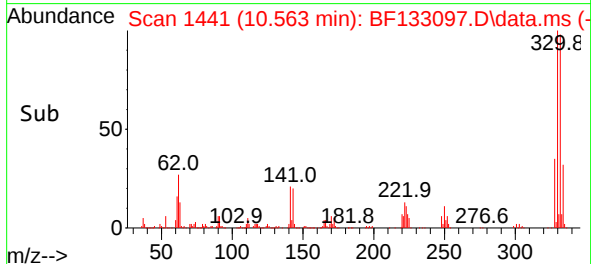
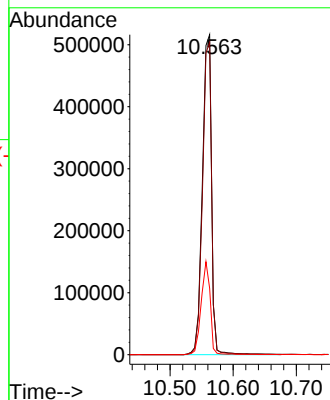
Tgt Ion:330 Resp: 519763

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 28.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 68.144 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133097.D

Acq: 27 Apr 2023 13:49

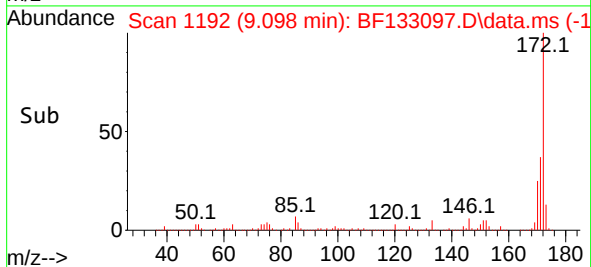
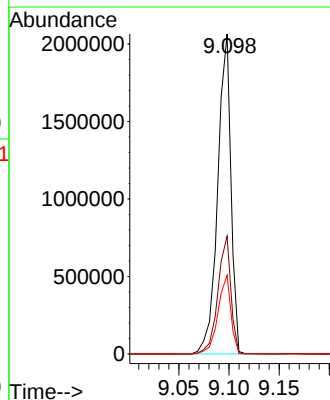
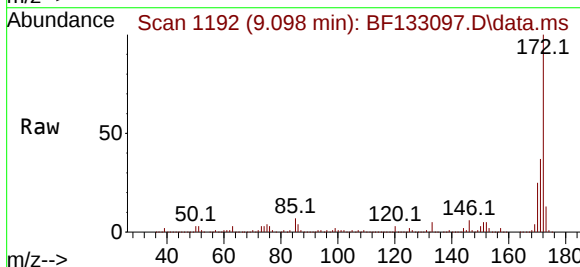
Tgt Ion:172 Resp: 1895050

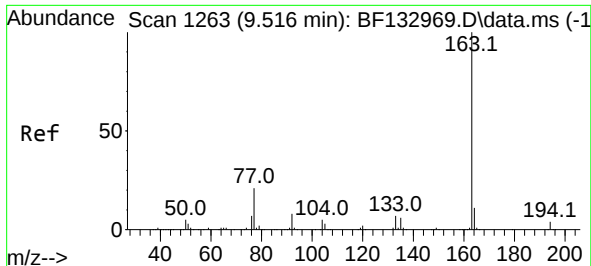
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.6 19.4 29.2

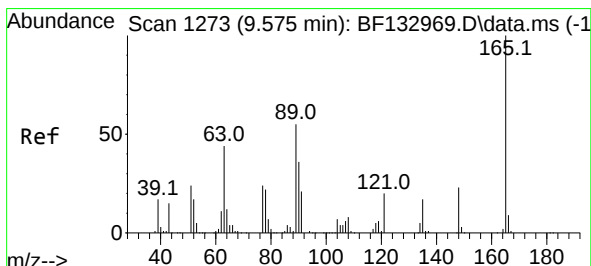
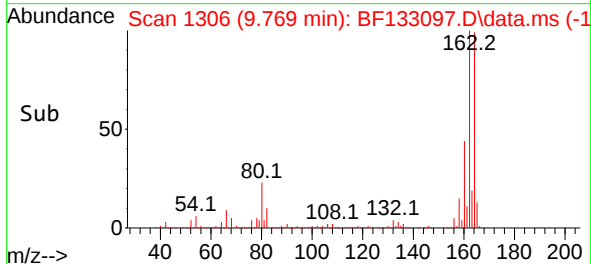
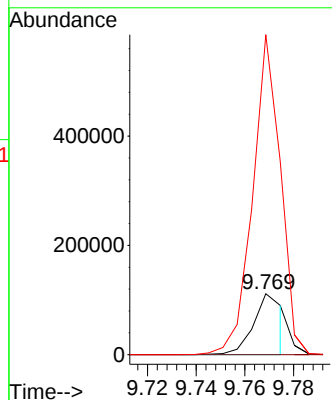
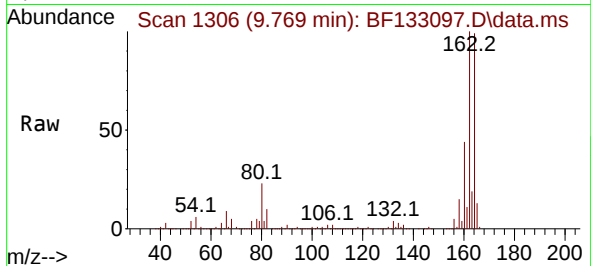




#50
Dimethylphthalate
Concen: 2.835 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.264 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

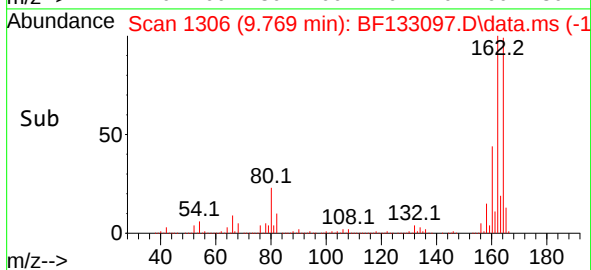
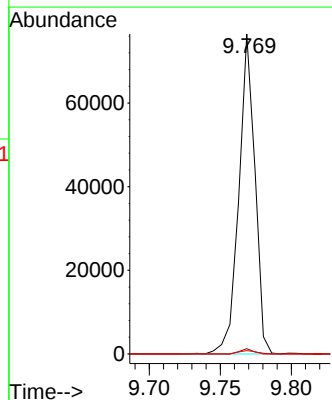
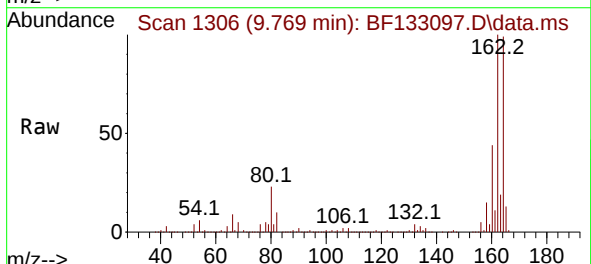
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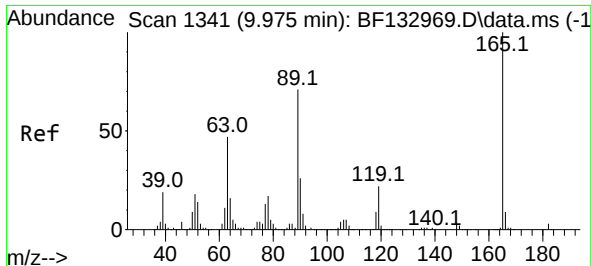
Tgt Ion:163 Resp: 91972
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 524.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.263 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Tgt Ion:165 Resp: 60336
Ion Ratio Lower Upper
165 100
63 1.6 45.9 68.9#
89 1.1 44.0 66.0#

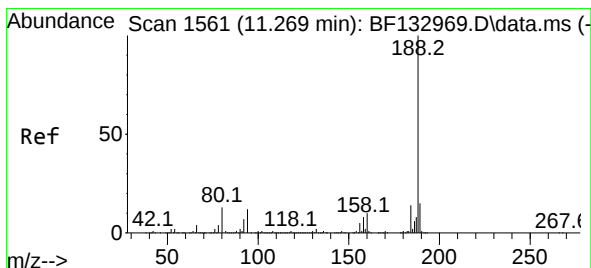
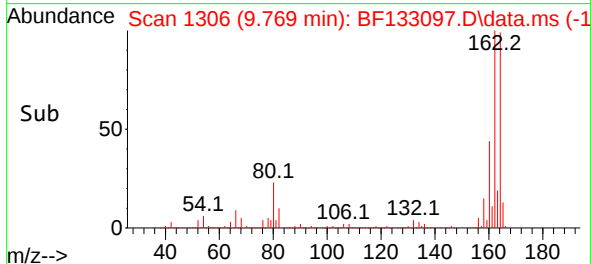
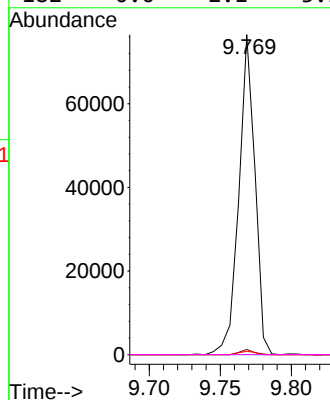
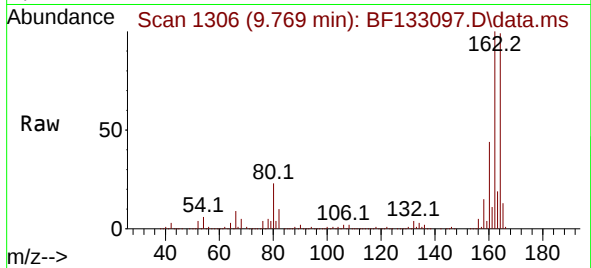




#57
2,4-Dinitrotoluene
Concen: 6.480 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

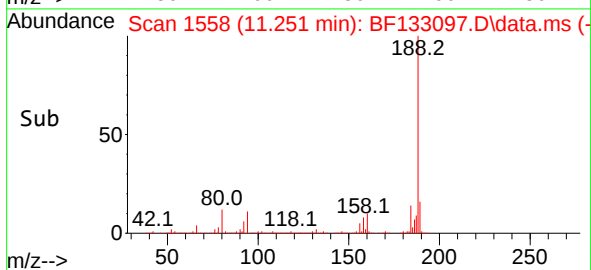
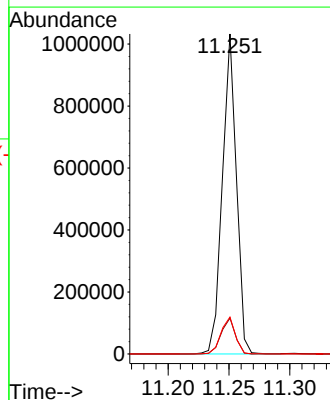
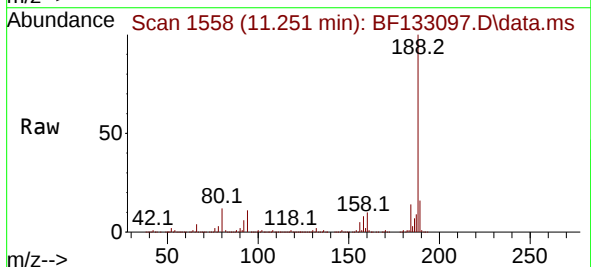
Instrument :
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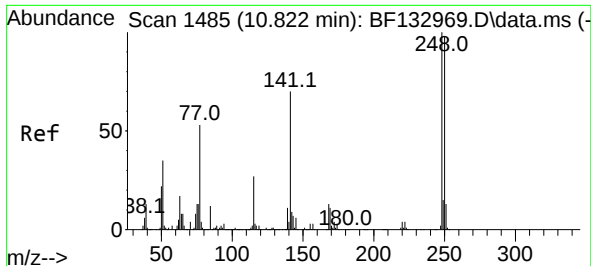
Tgt Ion:165 Resp: 60336
Ion Ratio Lower Upper
165 100
63 1.6 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Tgt Ion:188 Resp: 830163
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.5 10.4 15.6

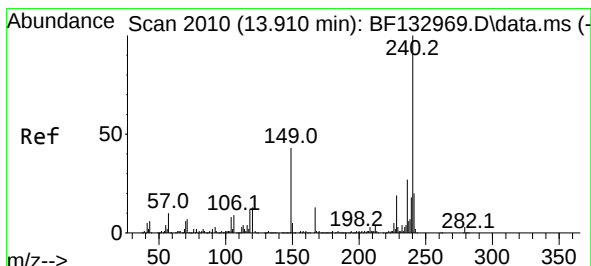
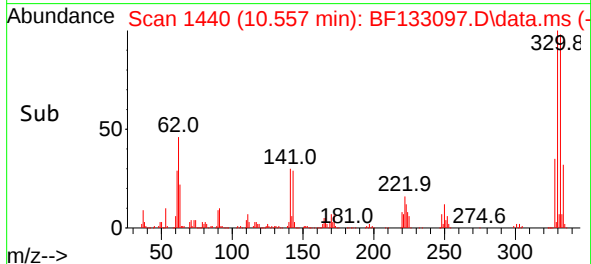
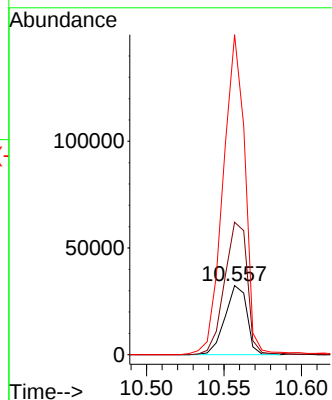
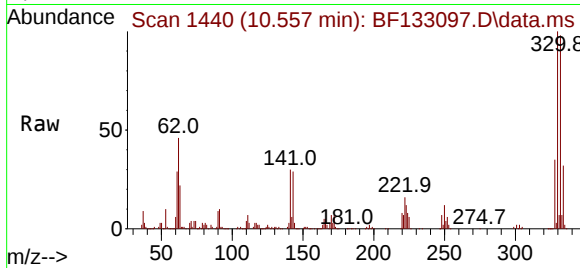




#67
4-Bromophenyl-phenylether
Concen: 3.546 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

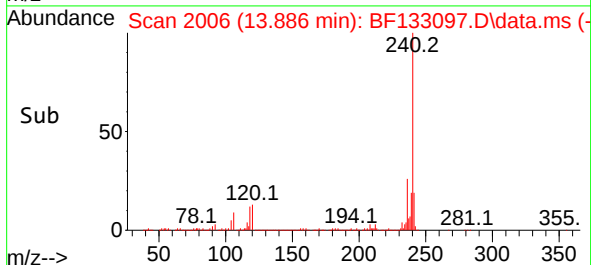
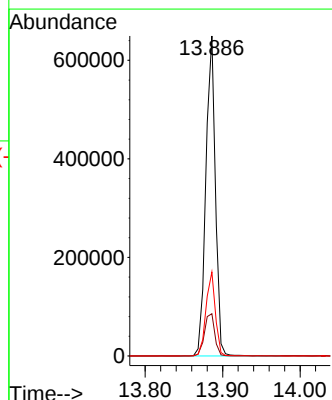
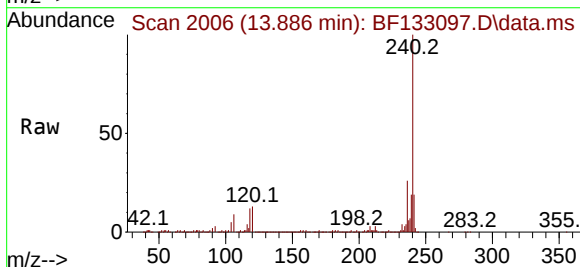
Instrument :
BNA_F
ClientSampleId :
20230345-COMP-23

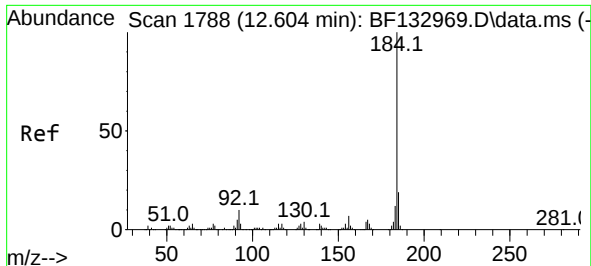
Tgt Ion:248 Resp: 31930
Ion Ratio Lower Upper
248 100
250 191.4 78.7 118.1#
141 462.5 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

Tgt Ion:240 Resp: 555745
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 26.3 21.5 32.3

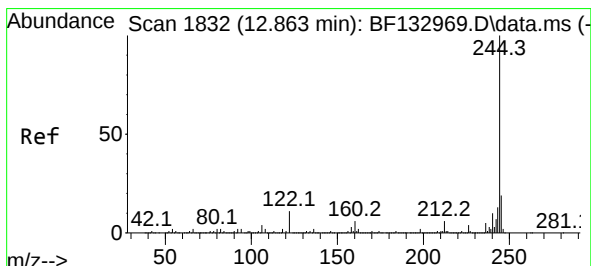
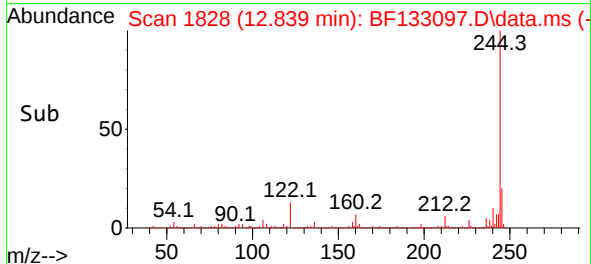
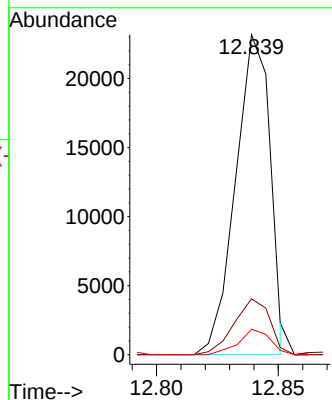
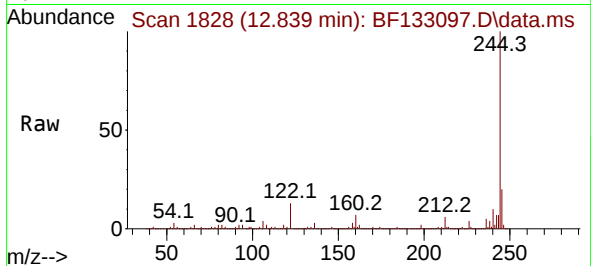




#77
Benzidine
Concen: 2.436 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

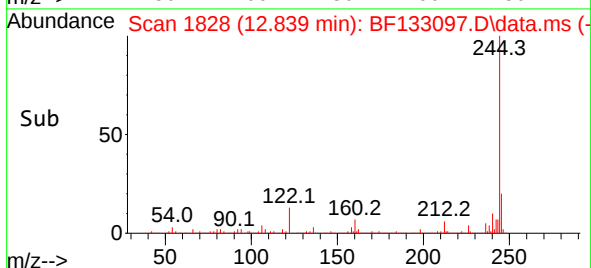
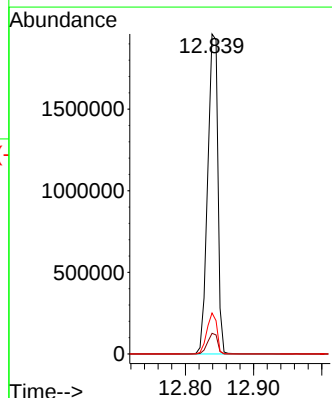
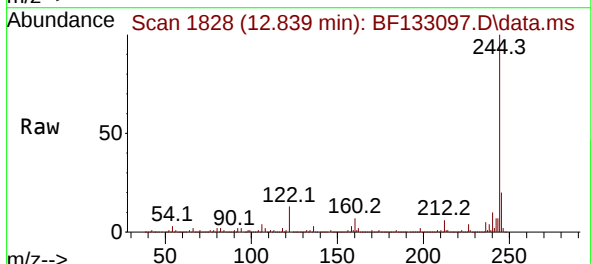
Instrument :
BNA_F
ClientSampleId :
20230345-COMP-23

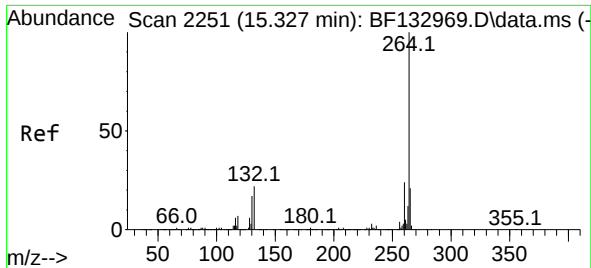
Tgt Ion:184 Resp: 22893
Ion Ratio Lower Upper
184 100
185 17.4 15.4 23.2
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 62.903 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133097.D
Acq: 27 Apr 2023 13:49

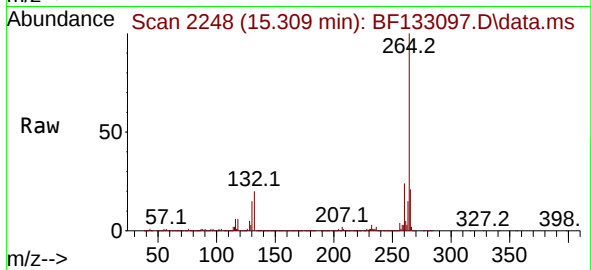
Tgt Ion:244 Resp: 2026954
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 12.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.309 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133097.D
 Acq: 27 Apr 2023 13:49

Instrument :
 BNA_F
 ClientSampleId :
 20230345-COMP-23



Tgt Ion:264 Resp: 484798
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.4 17.0 25.4

