

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133098.D
 Acq On : 27 Apr 2023 14:19
 Operator : CG\JU
 Sample : 02448-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230354-COMP-32

Quant Time: Apr 28 02:07:20 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)

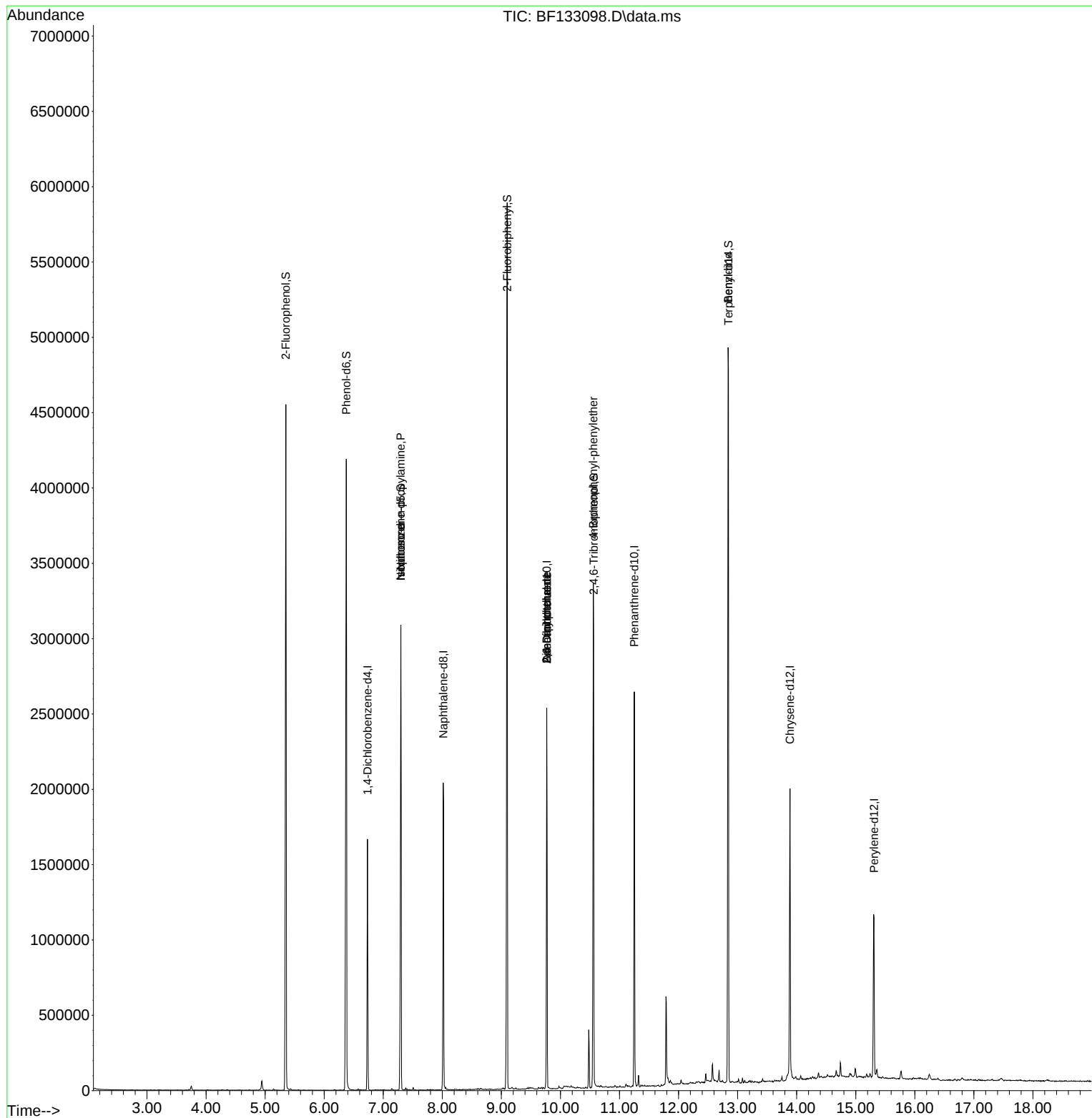
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	222487	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	917836	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	488425	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	871384	20.000	ng	0.00
76) Chrysene-d12	13.886	240	561117	20.000	ng	-0.01
86) Perylene-d12	15.310	264	475620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1374498	93.324	ng	0.00
7) Phenol-d6	6.375	99	1718082	93.982	ng	0.00
23) Nitrobenzene-d5	7.298	82	1015822	59.739	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	476579	97.022	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1820150	62.345	ng	0.00
79) Terphenyl-d14	12.845	244	1946573	59.830	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.275	77	306	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.298	70	135732	11.926	ng	# 75
25) Isophorone	7.298	82	1013496	31.392	ng	# 63
50) Dimethylphthalate	9.769	163	96079	2.821	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	63379	8.268	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	63379	6.483	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	28801	3.048	ng	# 1
77) Benzidine	12.839	184	22112	2.330	ng	# 91

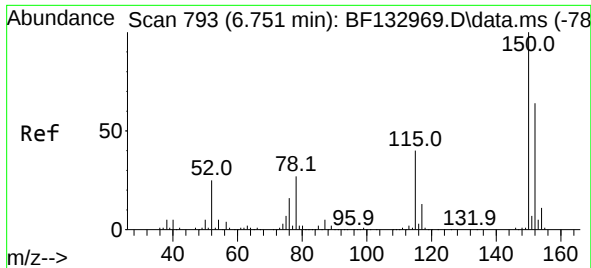
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 02:07:20 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
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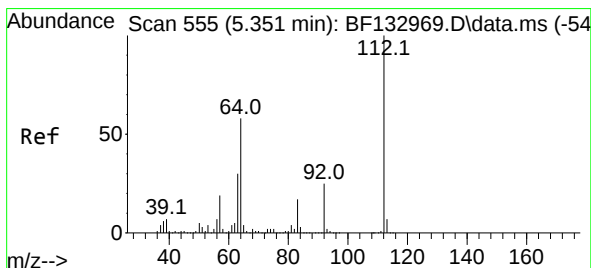
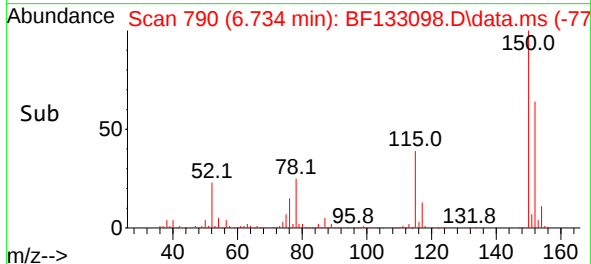
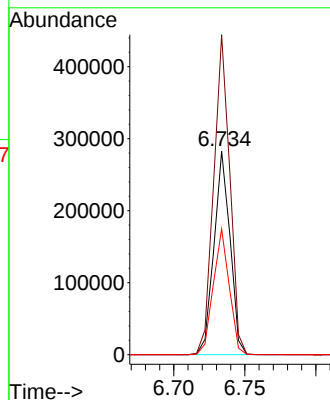
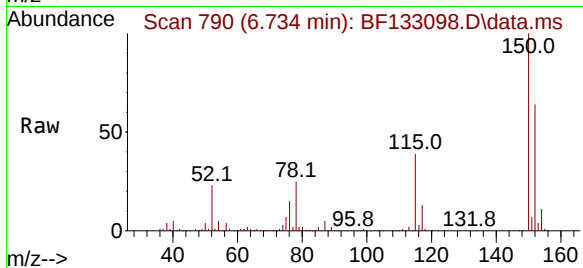




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

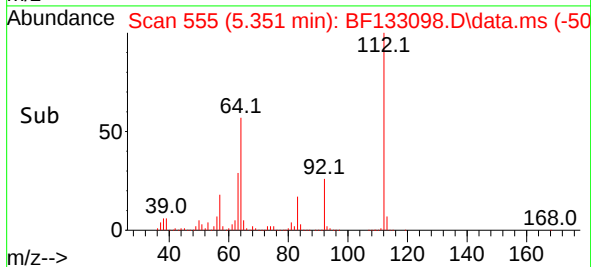
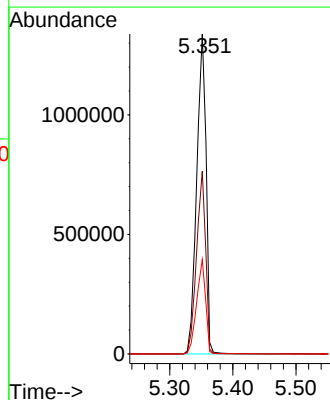
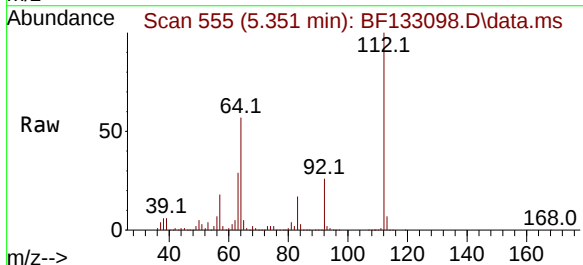
Instrument :
BNA_F
ClientSampleId :
20230354-COMP-32

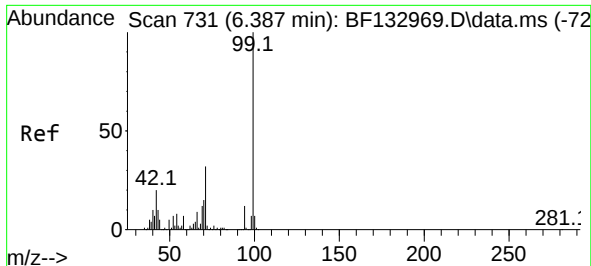
Tgt Ion:152 Resp: 222487
Ion Ratio Lower Upper
152 100
150 157.2 124.8 187.2
115 61.8 49.9 74.9



#5
2-Fluorophenol
Concen: 93.324 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion:112 Resp: 1374498
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.5 23.8 35.8

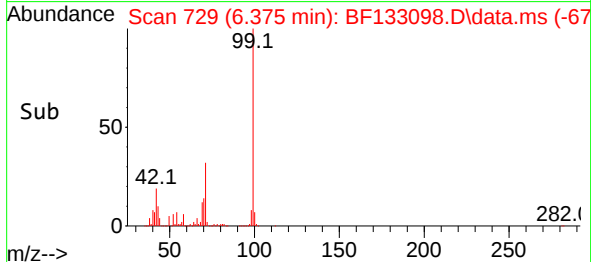
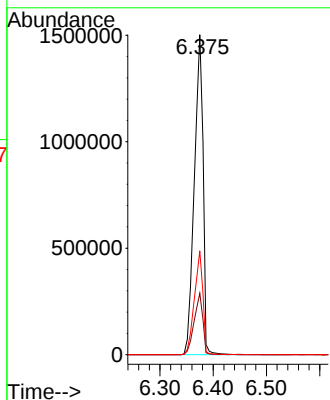
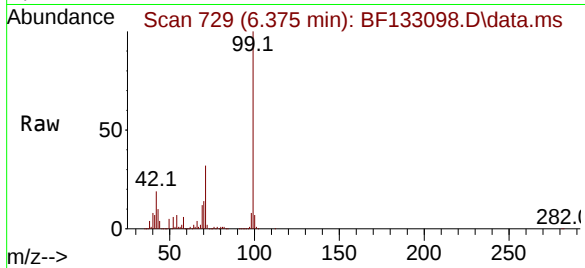




#7
Phenol-d6
Concen: 93.982 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

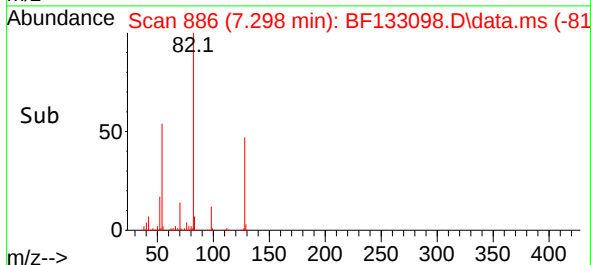
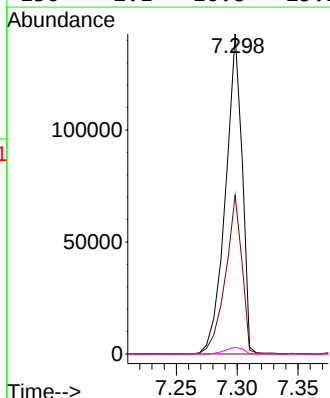
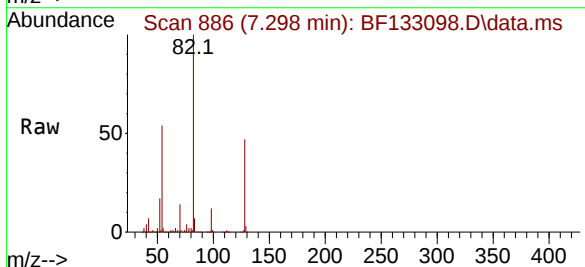
Instrument :
BNA_F
ClientSampleId :
20230354-COMP-32

Tgt Ion: 99 Resp: 1718082
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.926 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion: 70 Resp: 135732
Ion Ratio Lower Upper
70 100
42 49.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#



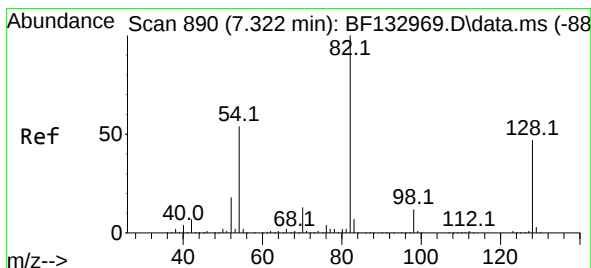
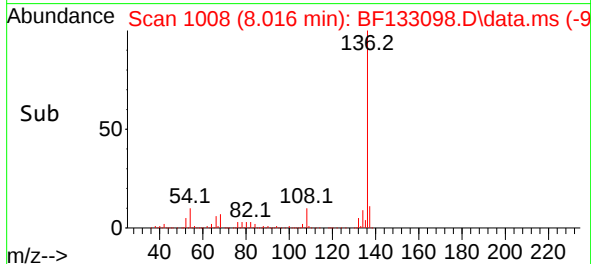
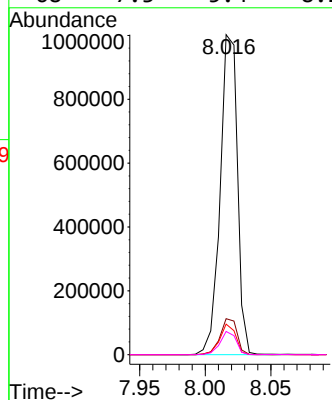
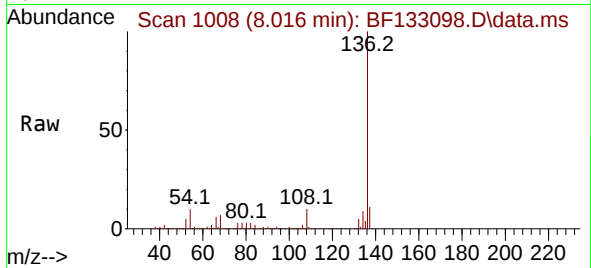


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Instrument :
BNA_F
ClientSampleId :
20230354-COMP-32

Tgt Ion:136 Resp: 917836

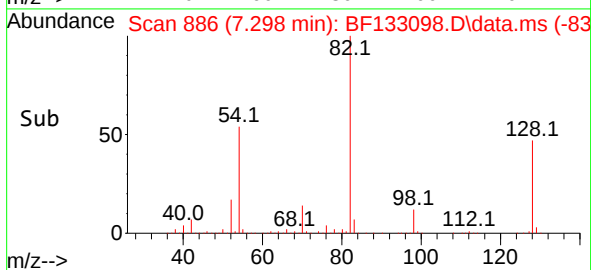
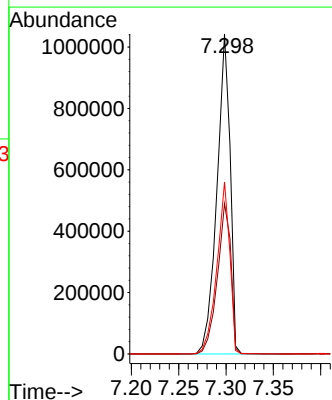
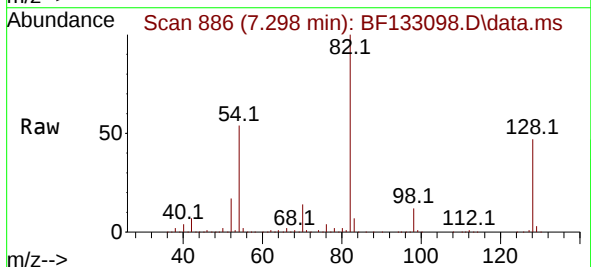
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.6	7.0	10.4
68	7.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 59.739 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion: 82 Resp: 1015822

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.7	56.5
54	53.7	43.0	64.4

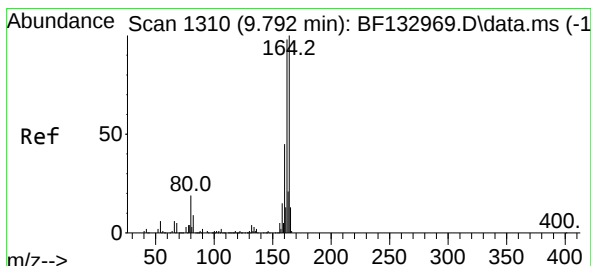
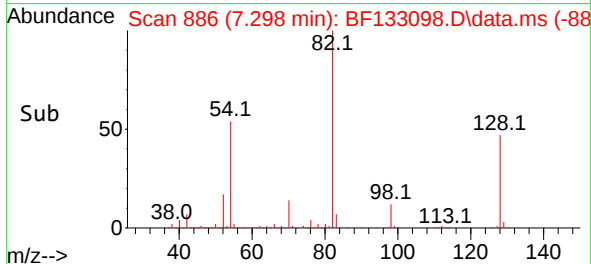
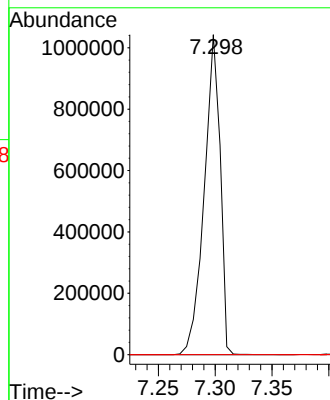
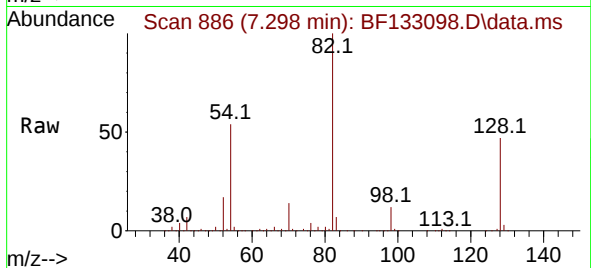




#25
Isophorone
Concen: 31.392 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

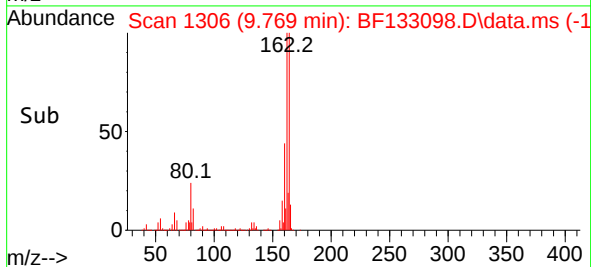
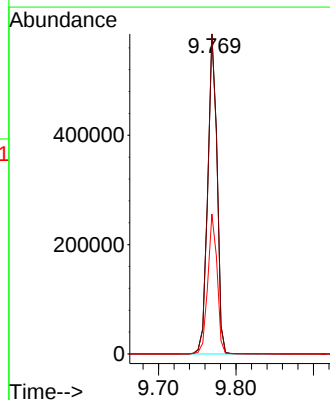
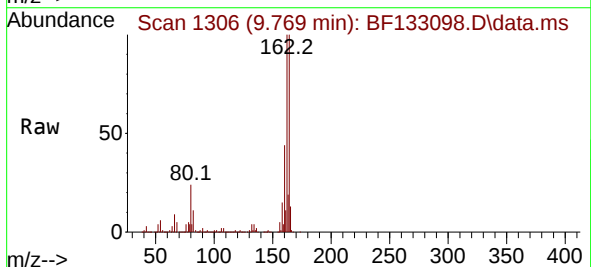
Instrument :
BNA_F
ClientSampleId :
20230354-COMP-32

Tgt Ion: 82 Resp: 1013496
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: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion:164 Resp: 488425
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 43.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 97.022 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133098.D

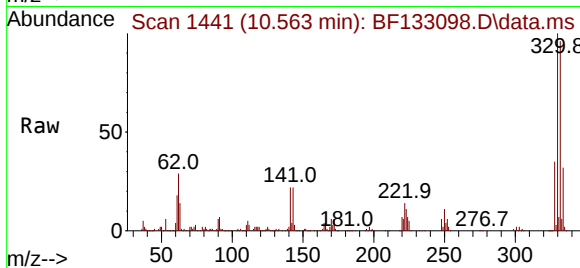
Acq: 27 Apr 2023 14:19

Instrument :

BNA_F

ClientSampleId :

20230354-COMP-32



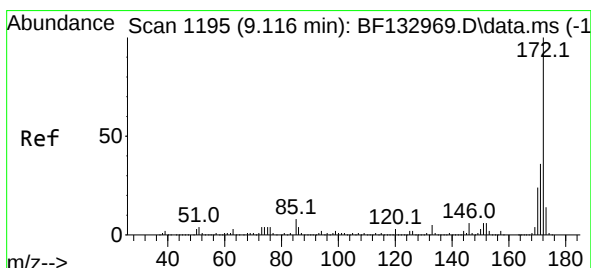
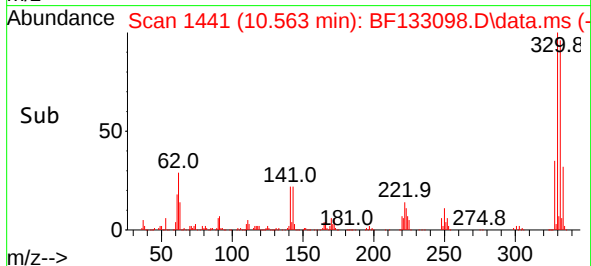
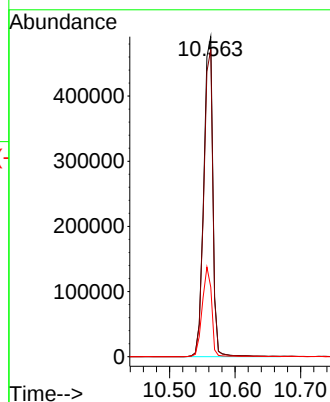
Tgt Ion:330 Resp: 476579

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 28.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.345 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133098.D

Acq: 27 Apr 2023 14:19

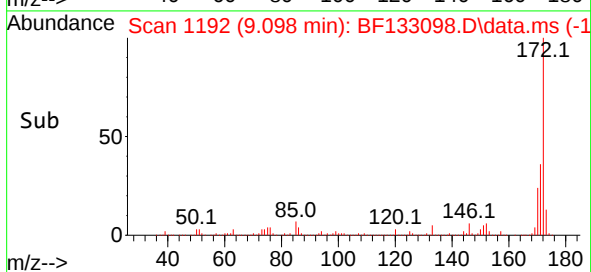
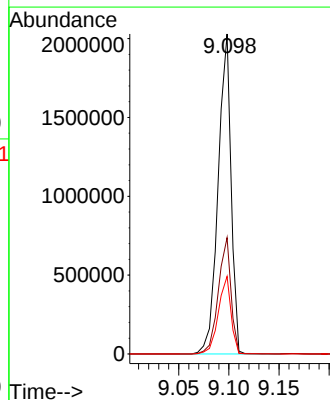
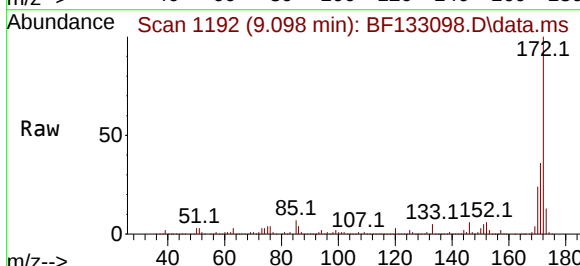
Tgt Ion:172 Resp: 1820150

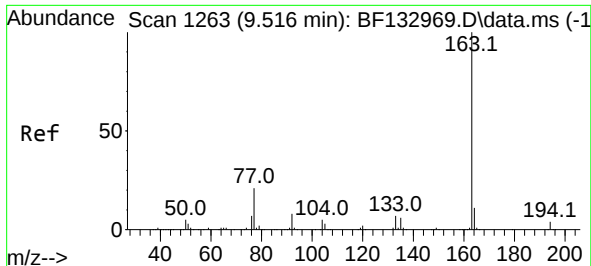
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.3 19.4 29.2

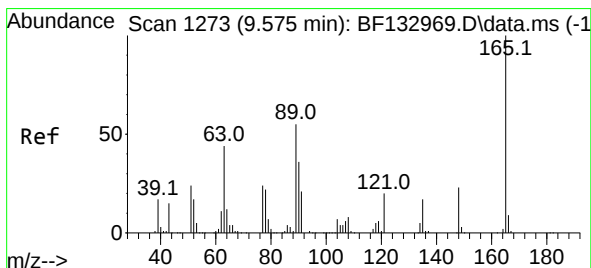
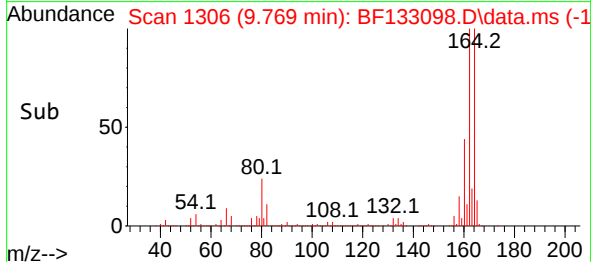
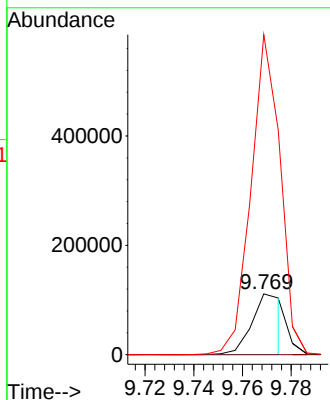
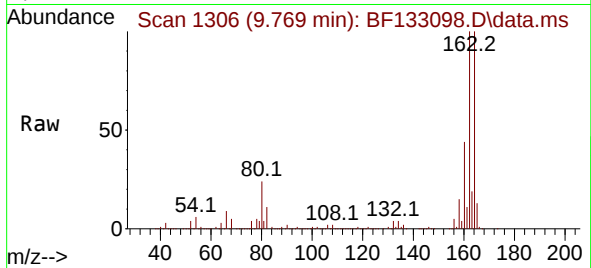




#50
Dimethylphthalate
Concen: 2.821 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

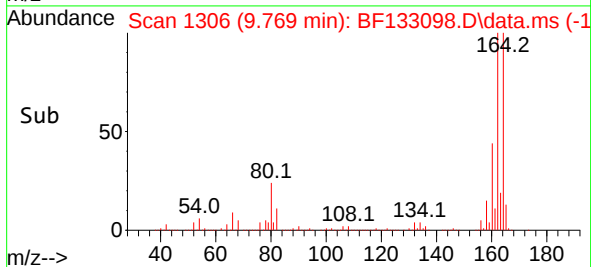
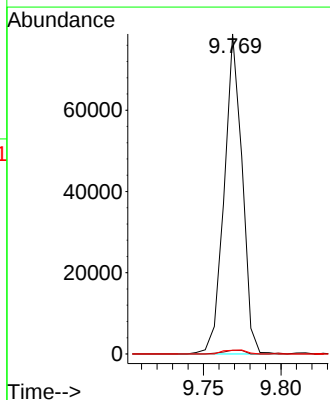
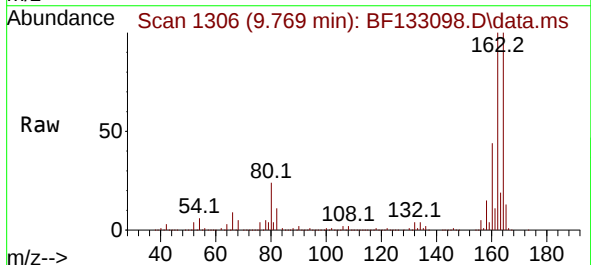
Instrument :
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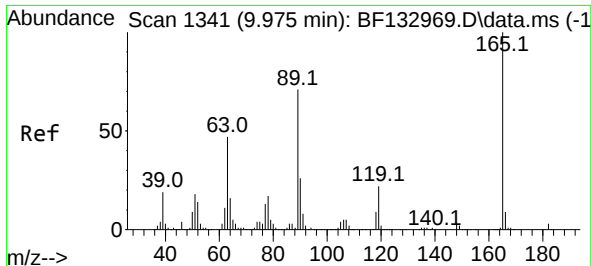
Tgt Ion:163 Resp: 96079
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 525.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.268 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion:165 Resp: 63379
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.2 44.0 66.0#

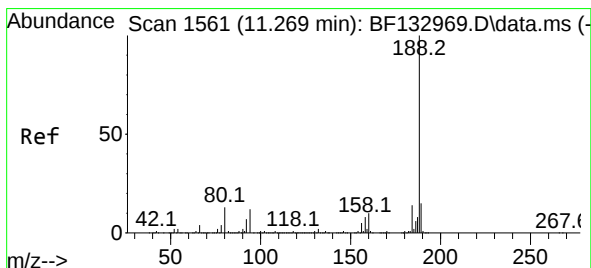
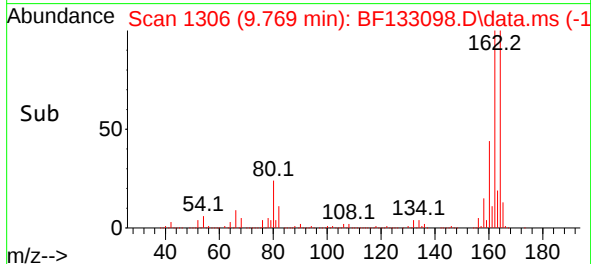
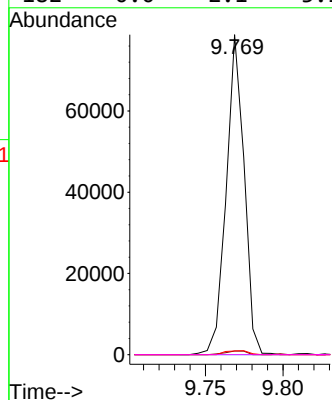
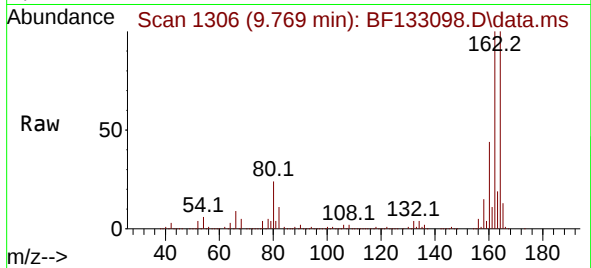




#57
2,4-Dinitrotoluene
Concen: 6.483 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

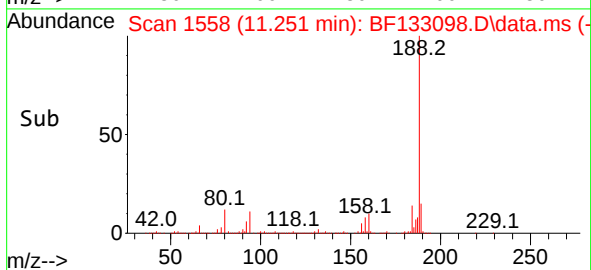
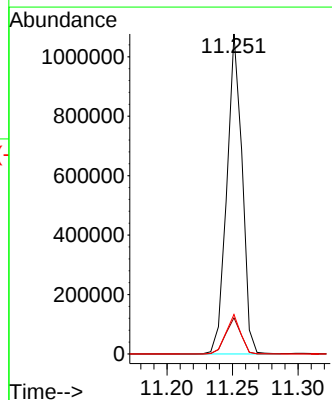
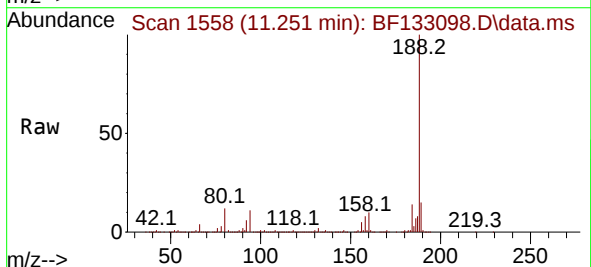
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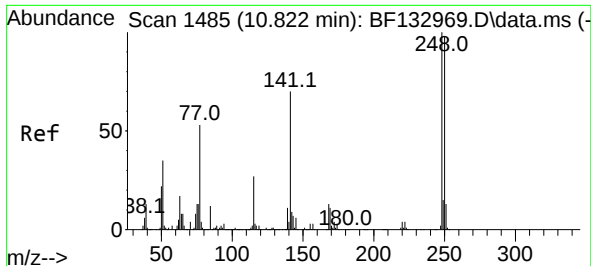
Tgt Ion:165 Resp: 63379
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion:188 Resp: 871384
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 12.4 10.4 15.6

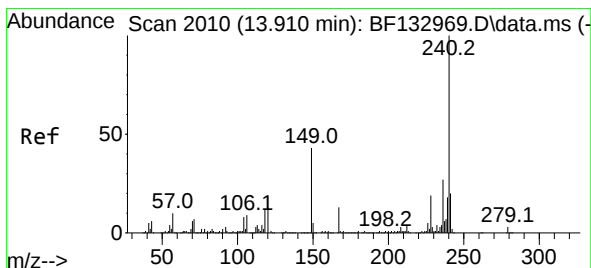
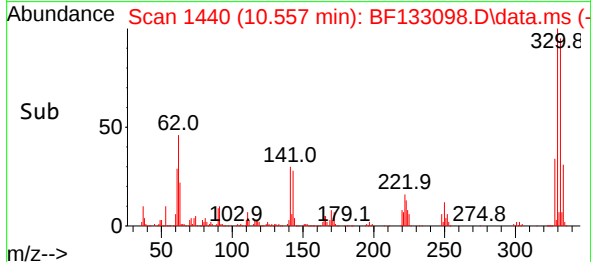
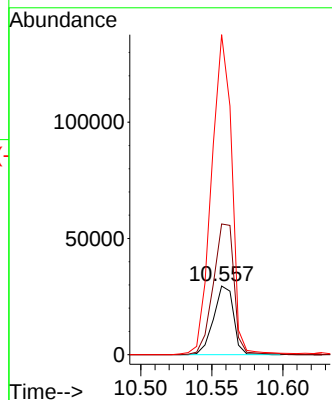
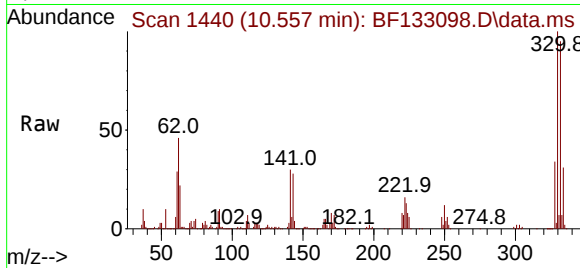




#67
4-Bromophenyl-phenylether
Concen: 3.048 ng
RT: 10.557 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

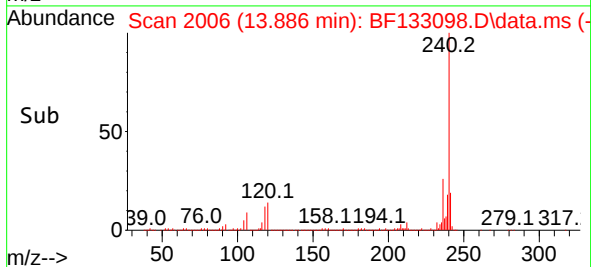
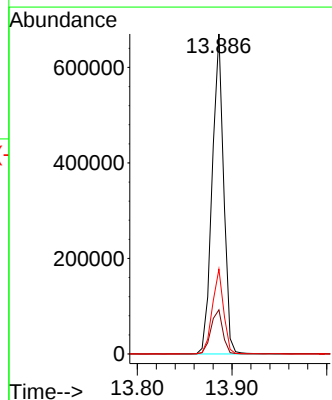
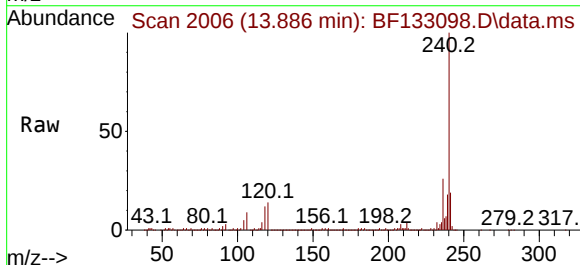
Instrument :
BNA_F
ClientSampleId :
20230354-COMP-32

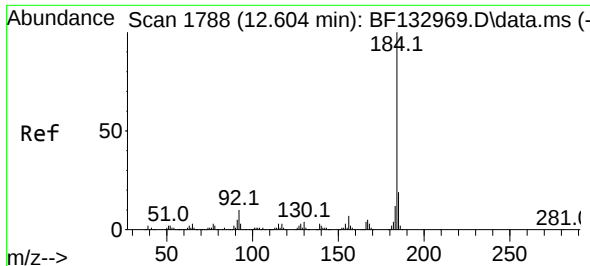
Tgt Ion:248 Resp: 28801
Ion Ratio Lower Upper
248 100
250 190.6 78.7 118.1#
141 466.6 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion:240 Resp: 561117
Ion Ratio Lower Upper
240 100
120 13.8 10.5 15.7
236 26.5 21.5 32.3

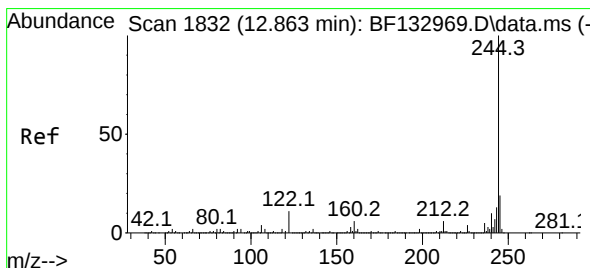
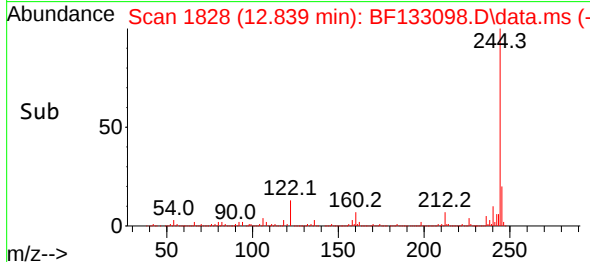
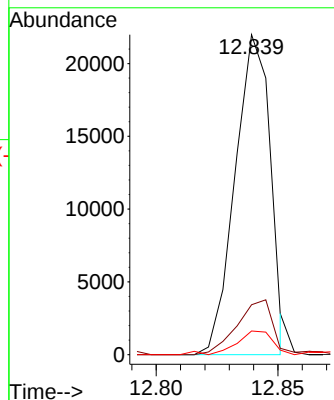
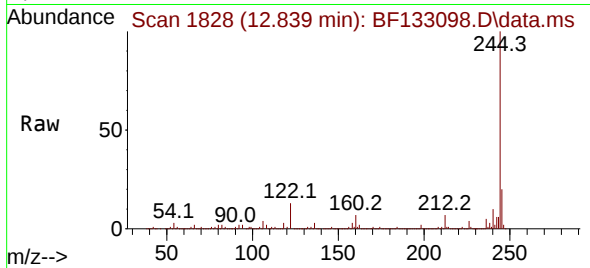




#77
Benzidine
Concen: 2.330 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

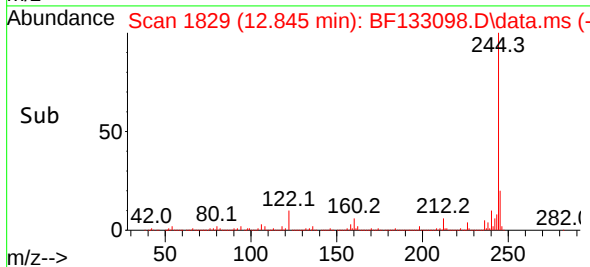
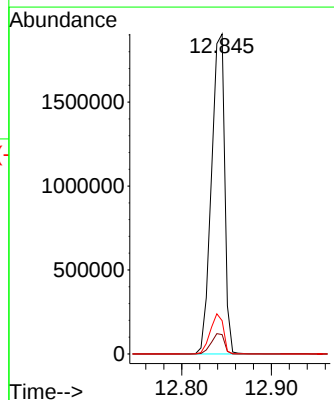
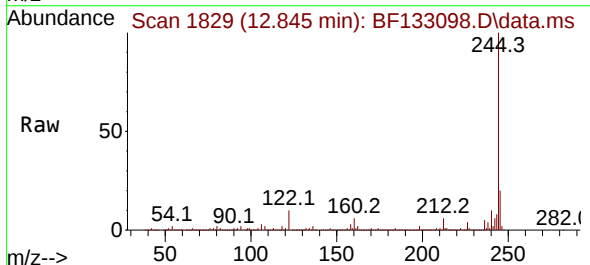
Instrument :
BNA_F
ClientSampleId :
20230354-COMP-32

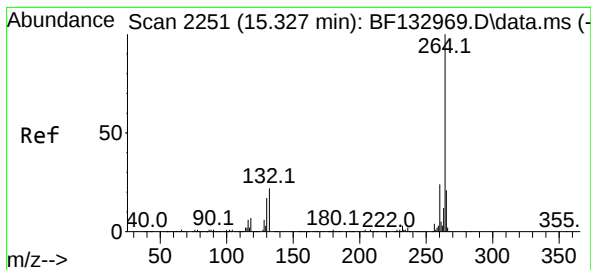
Tgt Ion:184 Resp: 22112
Ion Ratio Lower Upper
184 100
185 15.6 15.4 23.2
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 59.830 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF133098.D
Acq: 27 Apr 2023 14:19

Tgt Ion:244 Resp: 1946573
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 10.4 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133098.D

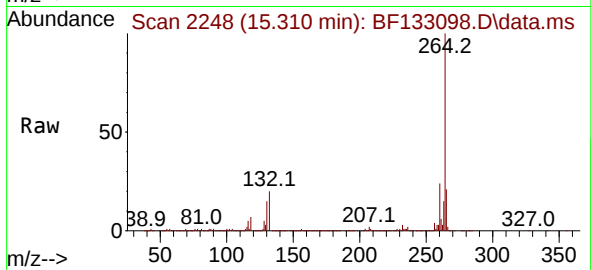
Acq: 27 Apr 2023 14:19

Instrument :

BNA_F

ClientSampleId :

20230354-COMP-32



Tgt Ion:264 Resp: 475620

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.4 17.0 25.4

