

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133108.D
 Acq On : 27 Apr 2023 19:26
 Operator : CG\JU
 Sample : 02503-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-305A-COMP-02

Quant Time: Apr 28 02:12:04 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)

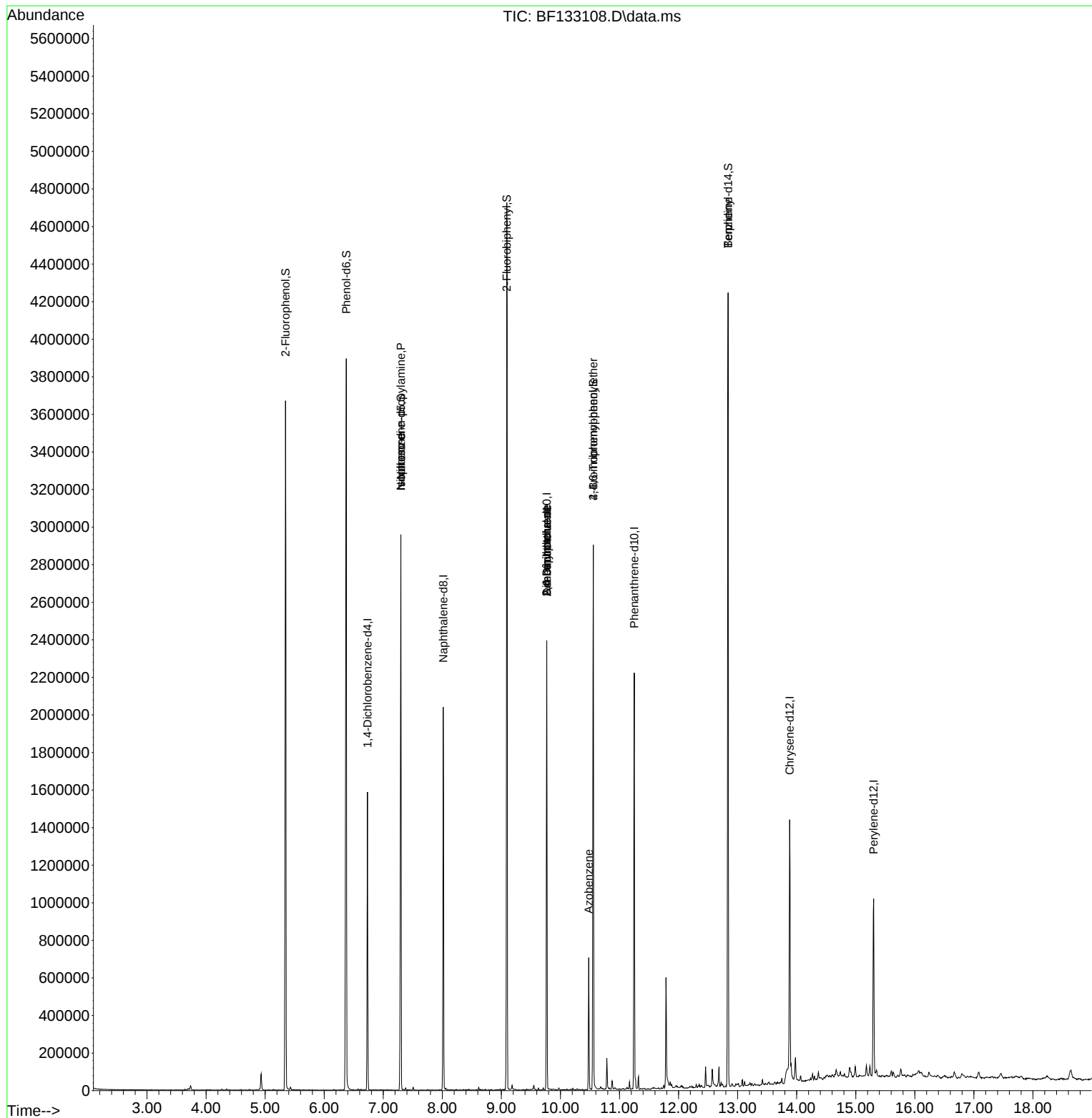
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	203322	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	826992	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	441283	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	768539	20.000	ng	0.00
76) Chrysene-d12	13.880	240	425526	20.000	ng	-0.02
86) Perylene-d12	15.304	264	393964	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1088413	80.865	ng	0.00
7) Phenol-d6	6.375	99	1441073	86.260	ng	0.00
23) Nitrobenzene-d5	7.298	82	889028	58.026	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	357300	80.510	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1468864	55.688	ng	0.00
79) Terphenyl-d14	12.839	244	1453773	58.922	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	328	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.298	70	116013	11.155	ng	# 77
25) Isophorone	7.298	82	886469	30.474	ng	# 63
50) Dimethylphthalate	9.769	163	89094	2.895	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	56750	8.194	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	56750	6.426	ng	# 23
63) Azobenzene	10.480	77	104997	3.410	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	21855	2.622	ng	# 1
77) Benzidine	12.839	184	16313	2.267	ng	# 92

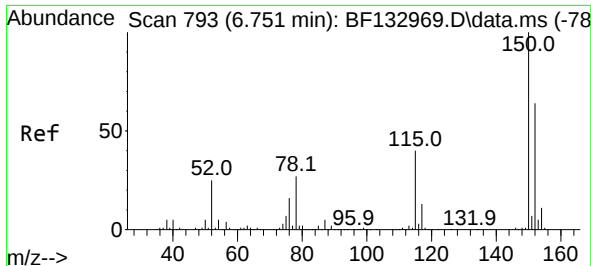
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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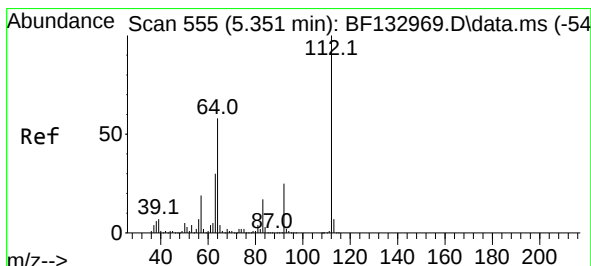
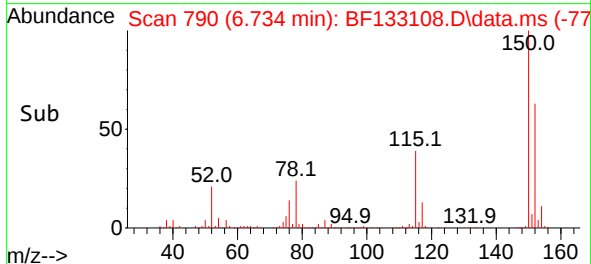
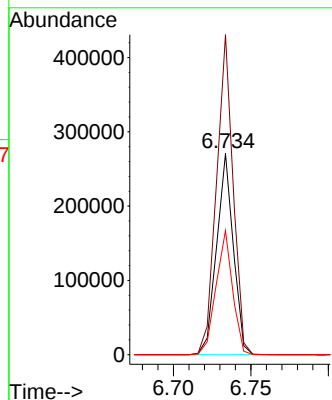
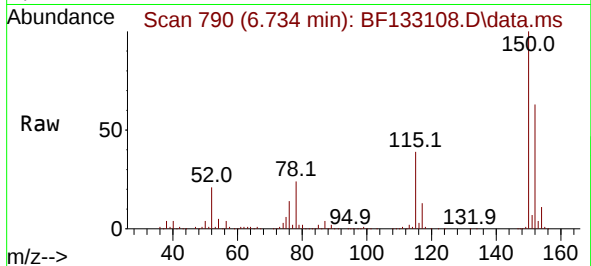




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

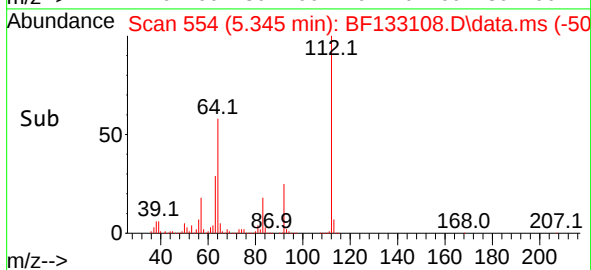
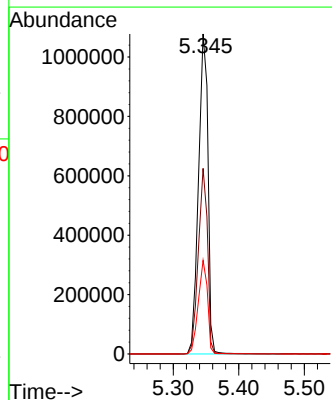
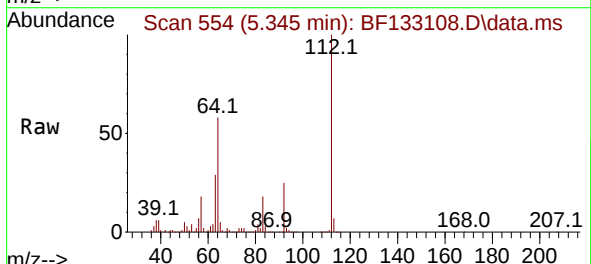
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-02

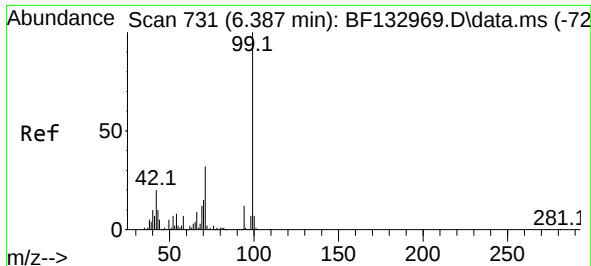
Tgt Ion:152 Resp: 203322
Ion Ratio Lower Upper
152 100
150 159.0 124.8 187.2
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 80.865 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion:112 Resp: 1088413
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 29.2 23.8 35.8

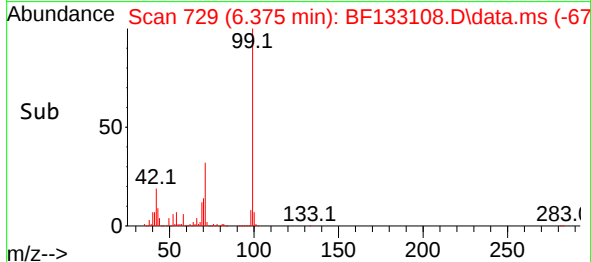
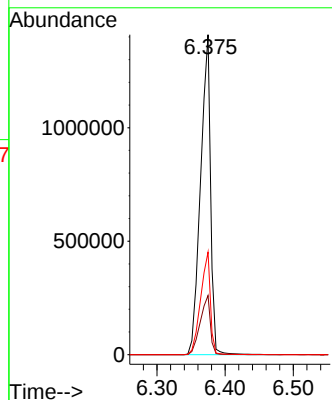
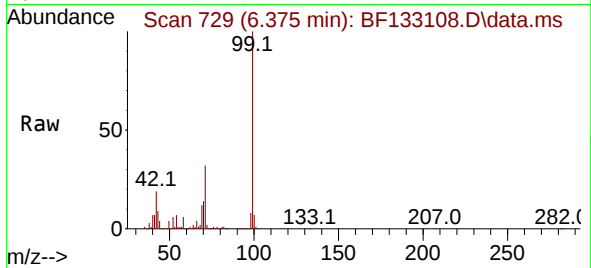




#7
Phenol-d6
Concen: 86.260 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

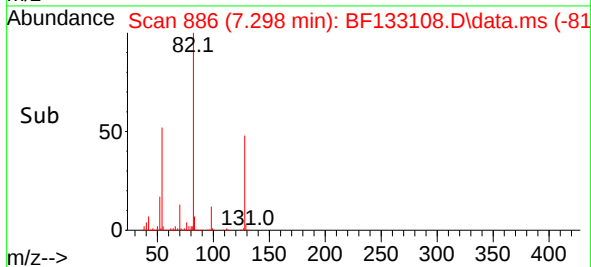
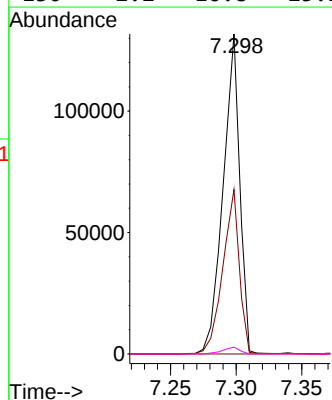
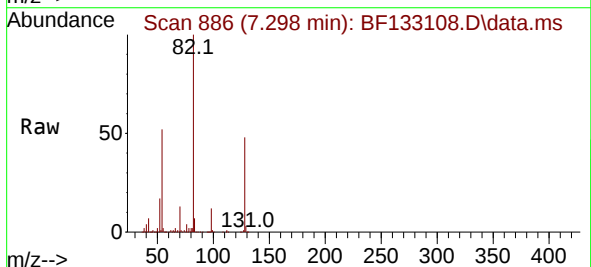
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-02

Tgt Ion: 99 Resp: 1441073
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.155 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion: 70 Resp: 116013
Ion Ratio Lower Upper
70 100
42 51.4 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

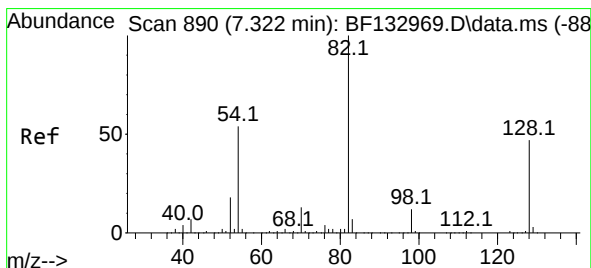
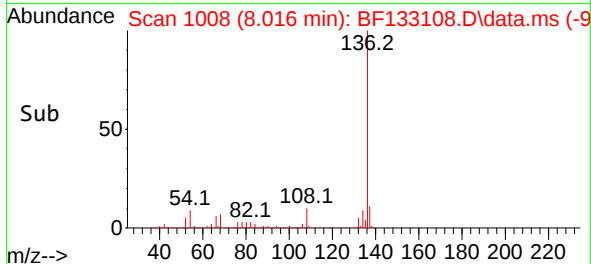
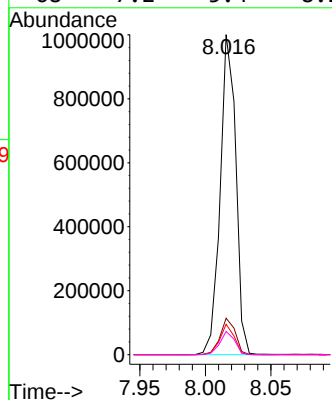
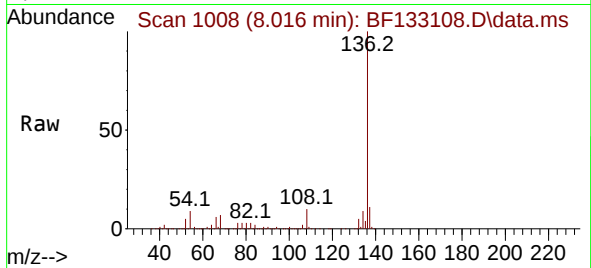




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

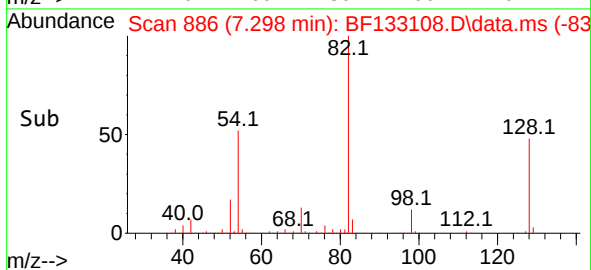
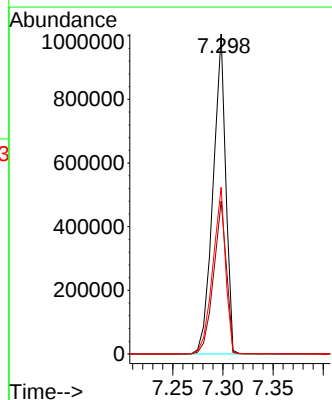
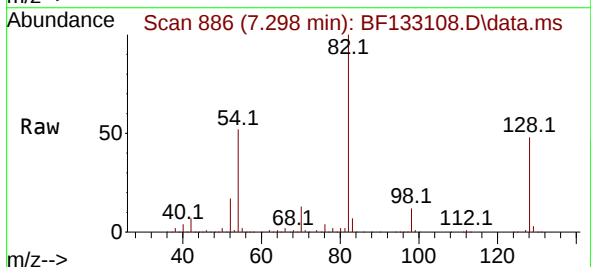
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-02

Tgt Ion:136 Resp: 826992
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.5 7.0 10.4
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 58.026 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion: 82 Resp: 889028
Ion Ratio Lower Upper
82 100
128 47.8 37.7 56.5
54 52.0 43.0 64.4

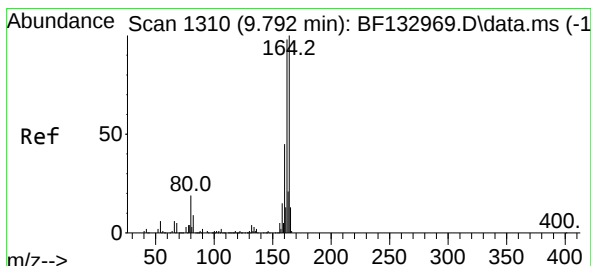
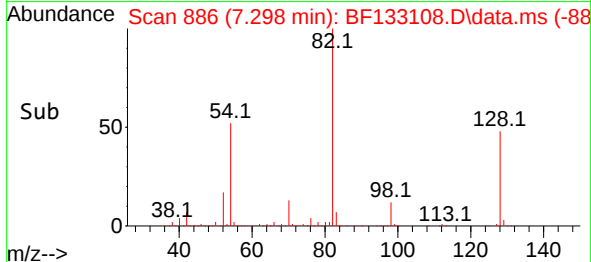
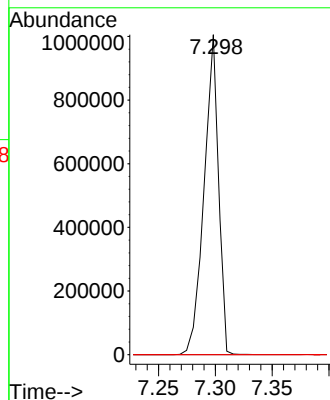
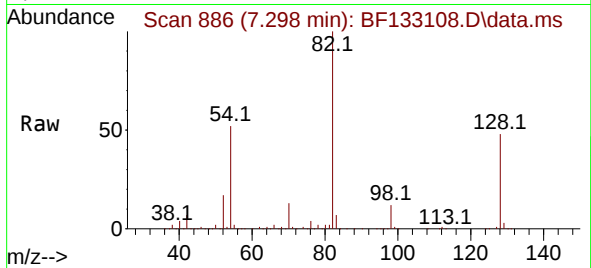




#25
Isophorone
Concen: 30.474 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

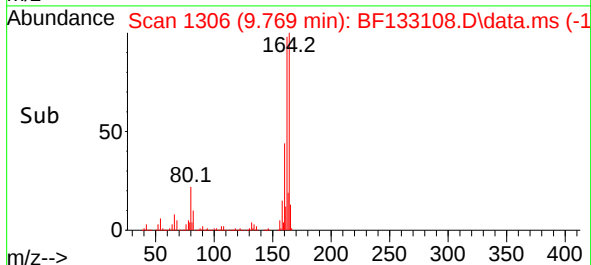
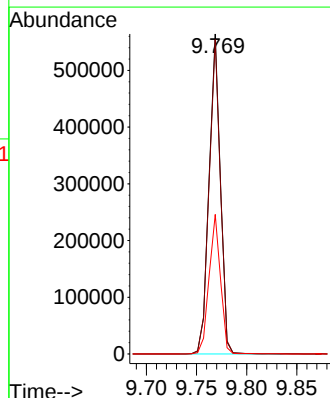
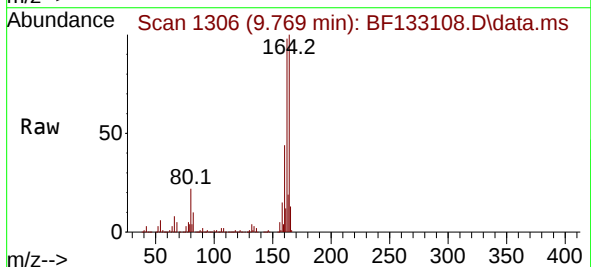
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-02

Tgt Ion: 82 Resp: 886469
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: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion:164 Resp: 441283
Ion Ratio Lower Upper
164 100
162 98.3 78.7 118.1
160 43.6 35.8 53.6

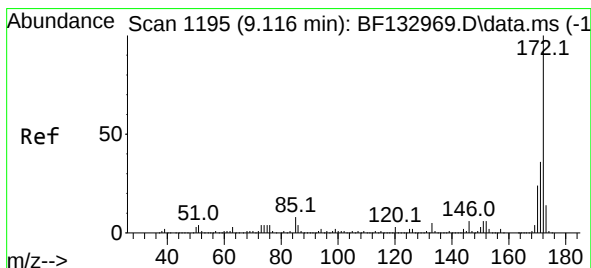
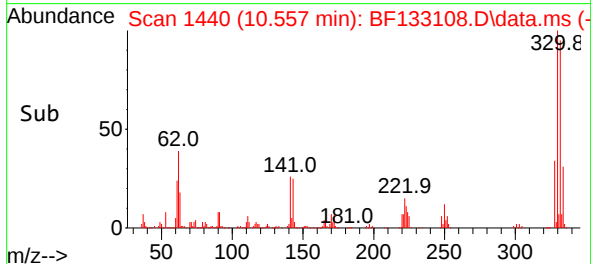
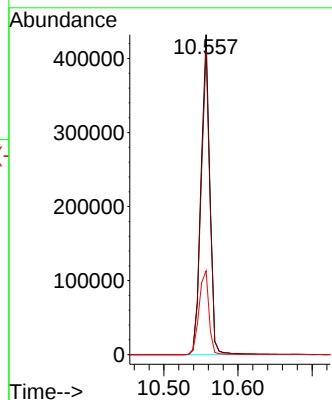
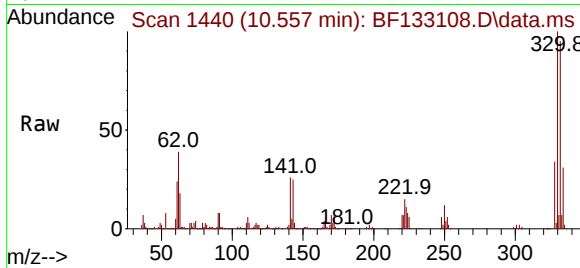




#42
2,4,6-Tribromophenol
Concen: 80.510 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

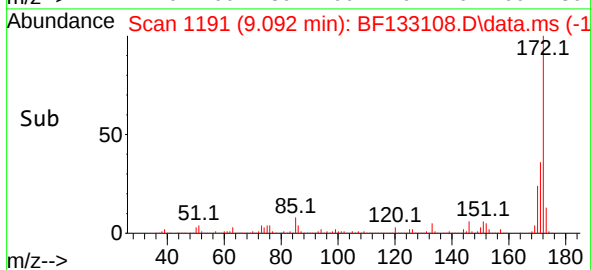
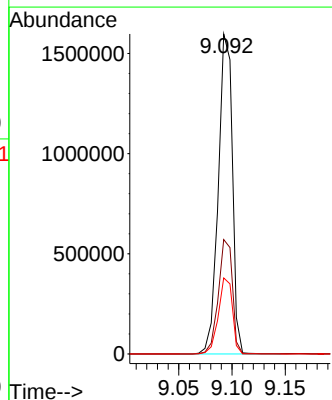
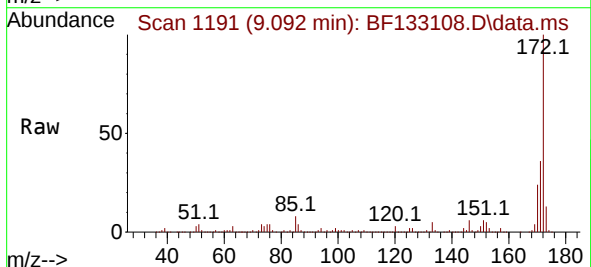
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ClientSampleId :
TR-305A-COMP-02

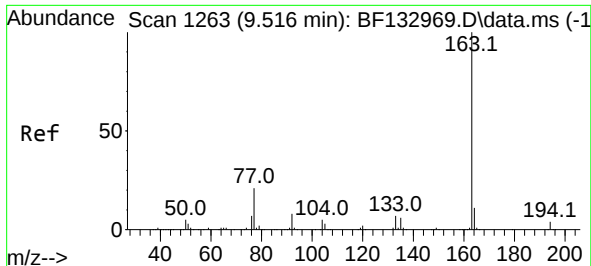
Tgt Ion: 330 Resp: 357300
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 29.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 55.688 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion: 172 Resp: 1468864
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 19.4 29.2

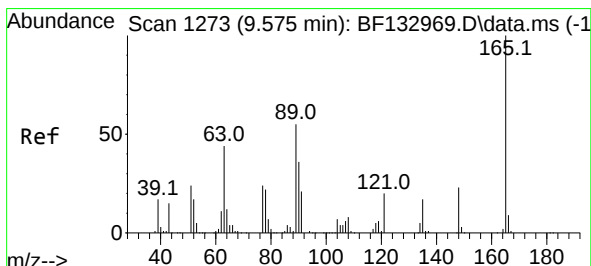
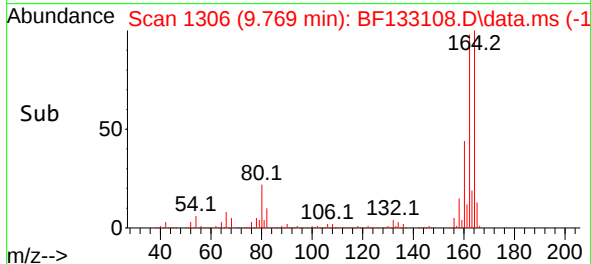
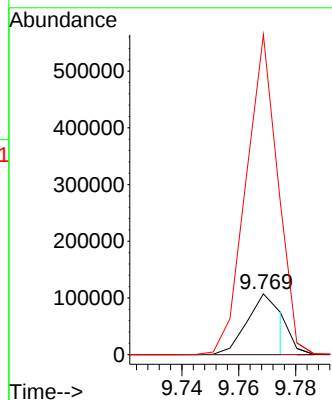
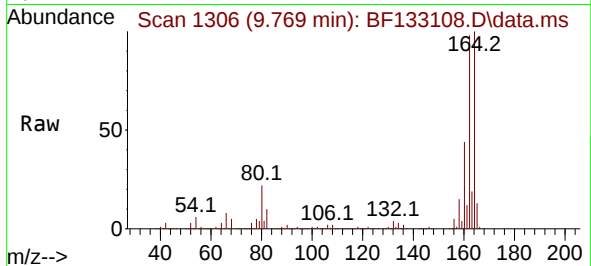




#50
Dimethylphthalate
Concen: 2.895 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

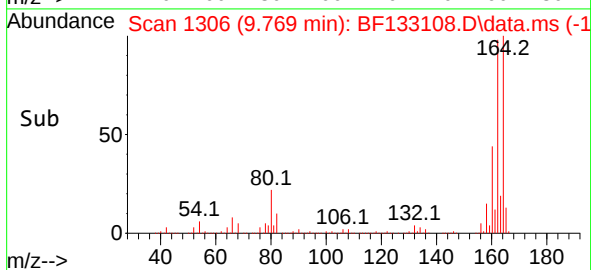
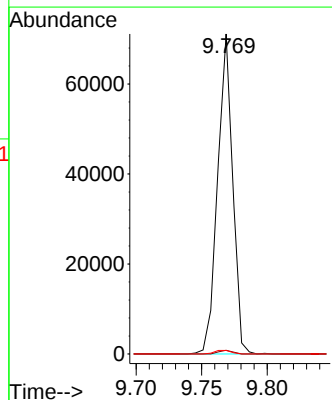
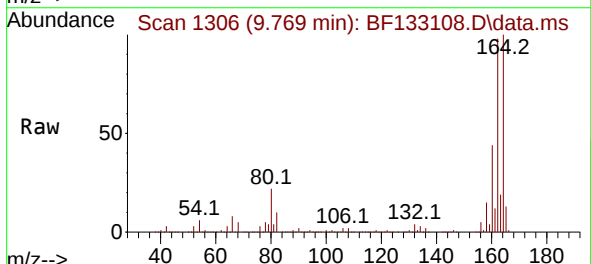
Instrument :
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ClientSampleId :
TR-305A-COMP-02

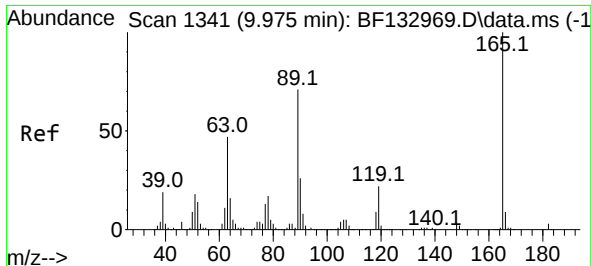
Tgt Ion:163 Resp: 89094
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 525.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.194 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion:165 Resp: 56750
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.1 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.426 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133108.D

Acq: 27 Apr 2023 19:26

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-02

Tgt Ion:165 Resp: 56750

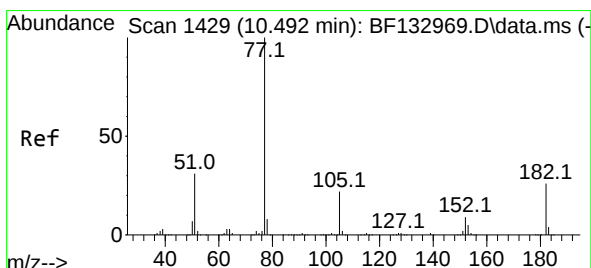
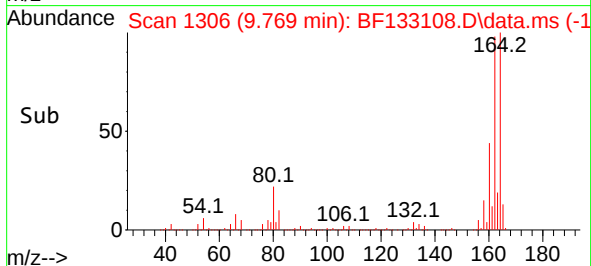
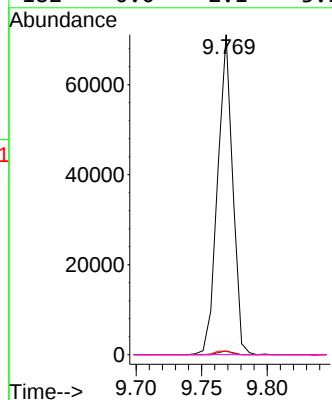
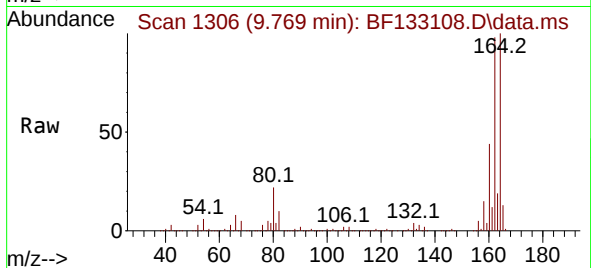
Ion Ratio Lower Upper

165 100

63 1.2 37.7 56.5#

89 1.1 57.0 85.4#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 3.410 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF133108.D

Acq: 27 Apr 2023 19:26

Tgt Ion: 77 Resp: 104997

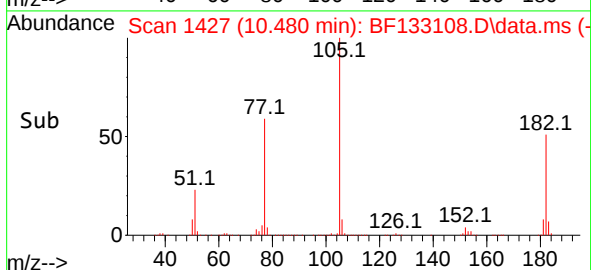
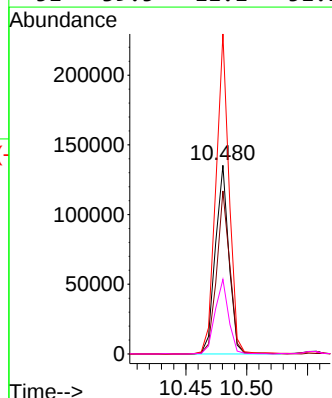
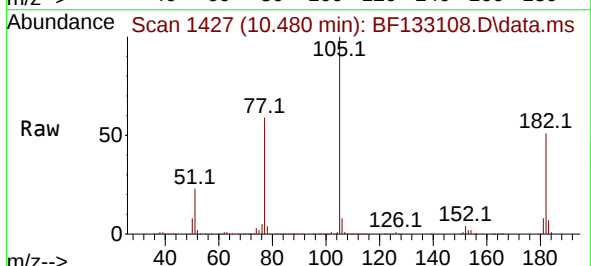
Ion Ratio Lower Upper

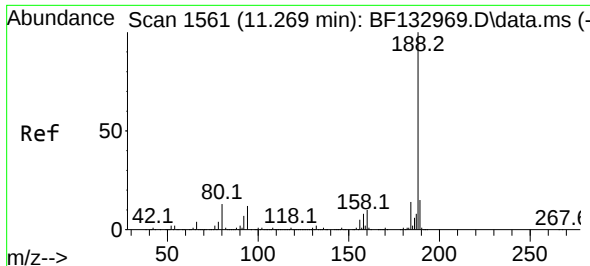
77 100

182 86.4 5.9 45.9#

105 169.6 2.3 42.3#

51 39.5 11.1 51.1

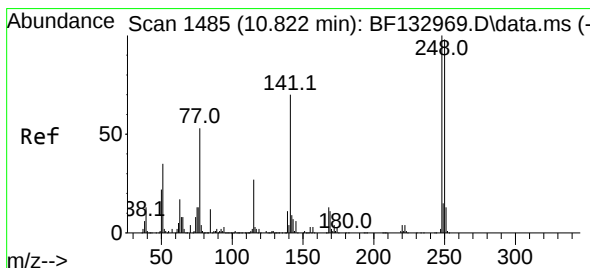
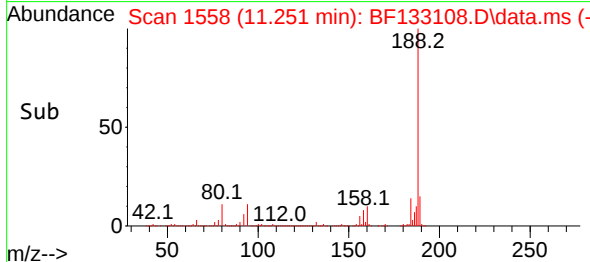
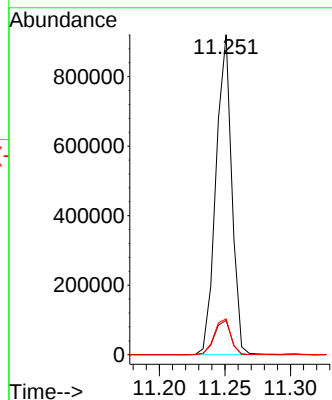
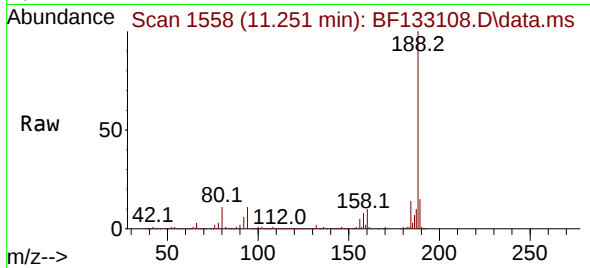




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

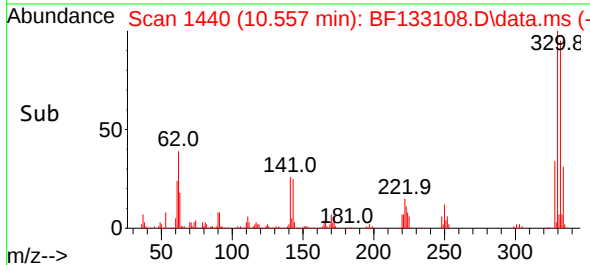
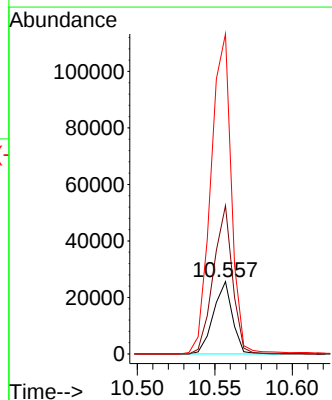
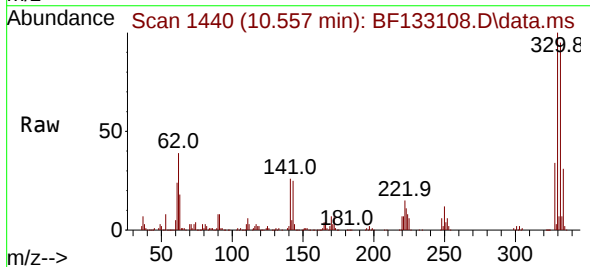
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-02

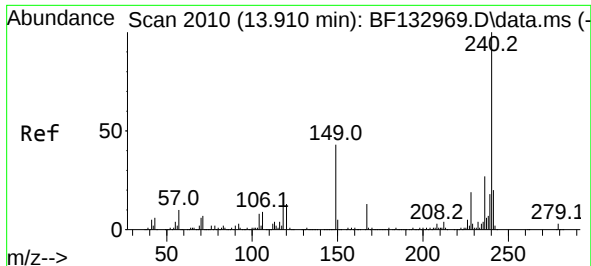
Tgt Ion:188 Resp: 768539
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 11.2 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 2.622 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion:248 Resp: 21855
Ion Ratio Lower Upper
248 100
250 205.0 78.7 118.1#
141 442.2 56.3 84.5#

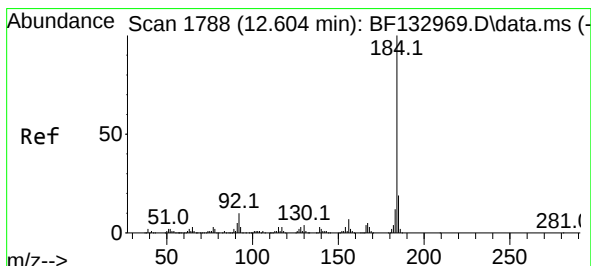
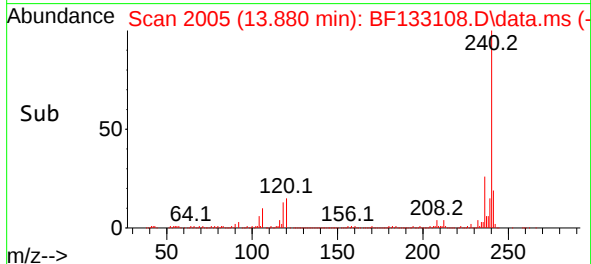
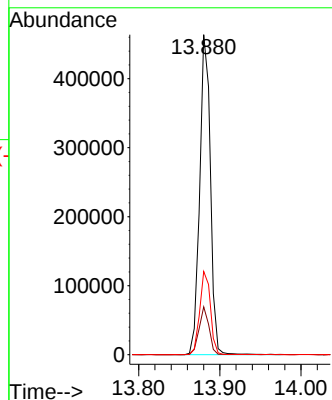
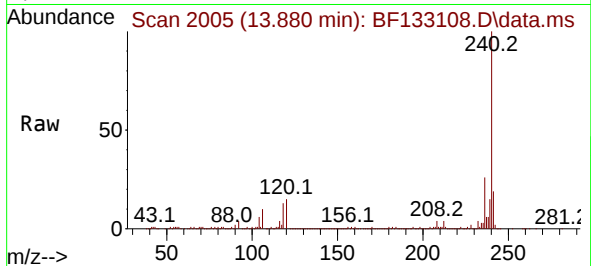




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

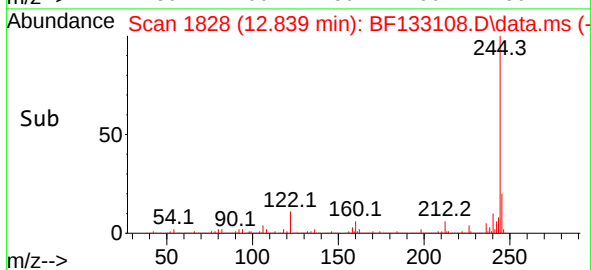
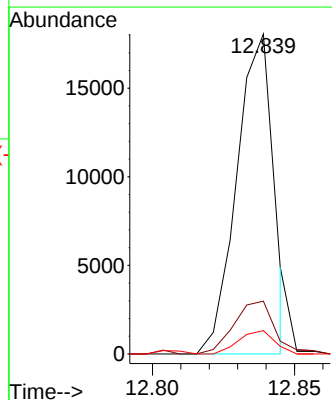
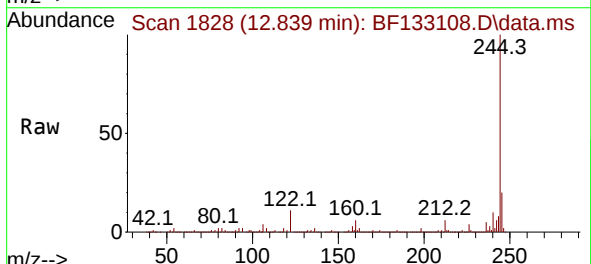
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-02

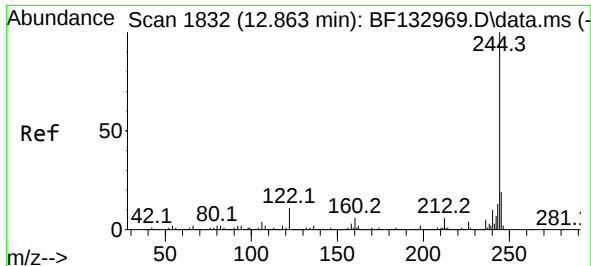
Tgt Ion:240 Resp: 425526
Ion Ratio Lower Upper
240 100
120 15.0 10.5 15.7
236 26.0 21.5 32.3



#77
Benzidine
Concen: 2.267 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133108.D
Acq: 27 Apr 2023 19:26

Tgt Ion:184 Resp: 16313
Ion Ratio Lower Upper
184 100
185 16.5 15.4 23.2
183 7.3 9.4 14.0#

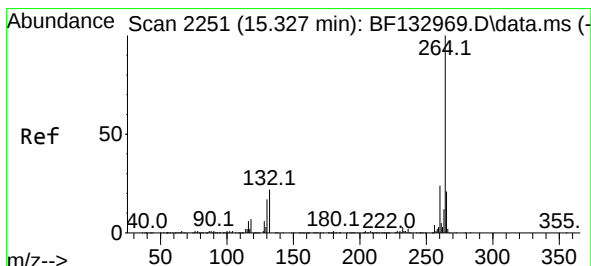
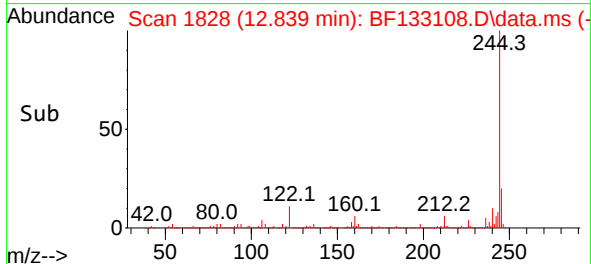
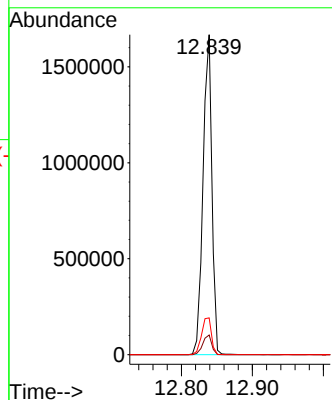
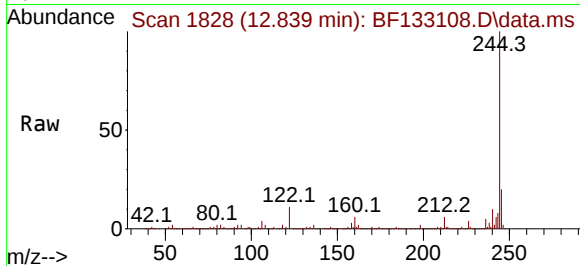




#79
 Terphenyl-d14
 Concen: 58.922 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF133108.D
 Acq: 27 Apr 2023 19:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-305A-COMP-02

Tgt Ion:244 Resp: 1453773
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.012 min
 Lab File: BF133108.D
 Acq: 27 Apr 2023 19:26

Tgt Ion:264 Resp: 393964
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.6 17.0 25.4

