

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133011.D
 Acq On : 24 Apr 2023 23:24
 Operator : CG\JU
 Sample : 02464-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-92

Quant Time: Apr 25 02:15:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

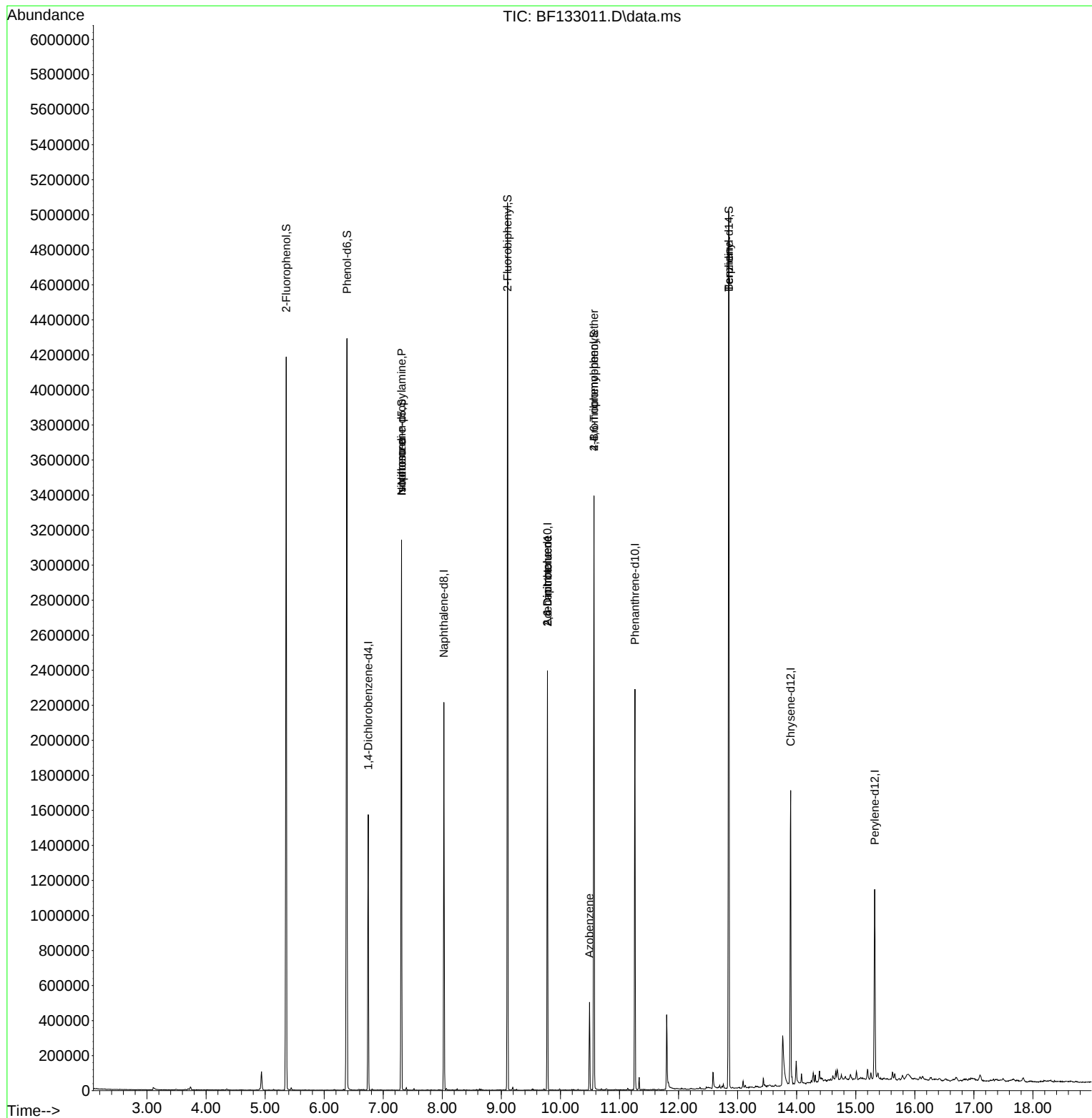
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	197190	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	793383	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	408731	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	743044	20.000	ng	0.00
76) Chrysene-d12	13.898	240	543998	20.000	ng	-0.01
86) Perylene-d12	15.321	264	443572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1168311	89.501	ng	0.00
7) Phenol-d6	6.386	99	1496156	92.342	ng	0.00
23) Nitrobenzene-d5	7.310	82	901657	61.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	390435	94.983	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1508421	61.742	ng	-0.01
79) Terphenyl-d14	12.851	244	1753999	55.608	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.286	77	121	Below Cal	#	45
19) n-Nitroso-di-n-propyla...	7.310	70	119723	11.869	ng	# 78
25) Isophorone	7.310	82	900618	32.271	ng	# 62
51) 2,6-Dinitrotoluene	9.780	165	52410	8.170	ng	# 25
57) 2,4-Dinitrotoluene	9.780	165	52410	6.407	ng	# 23
63) Azobenzene	10.492	77	75301	2.641	ng	# 1
67) 4-Bromophenyl-phenylether	10.569	248	24017	2.980	ng	# 1
77) Benzidine	12.851	184	21481	2.335	ng	# 86

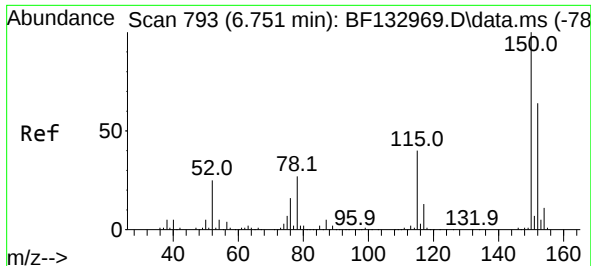
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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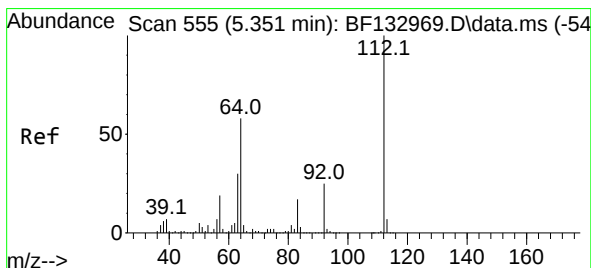
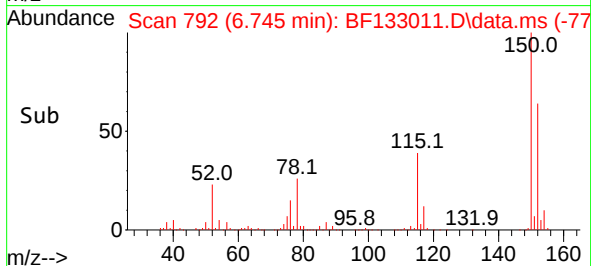
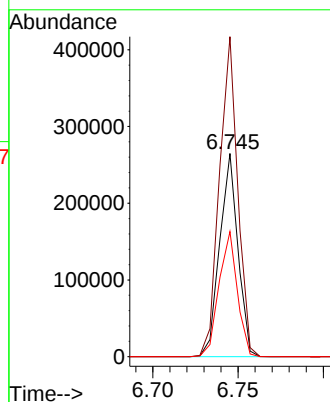
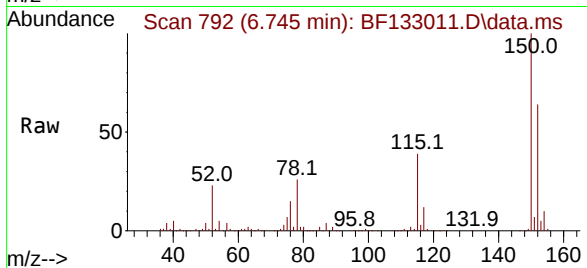




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133011.D
 Acq: 24 Apr 2023 23:24

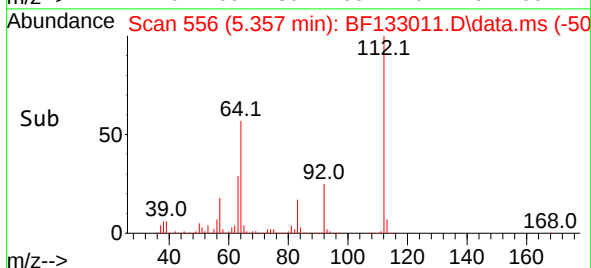
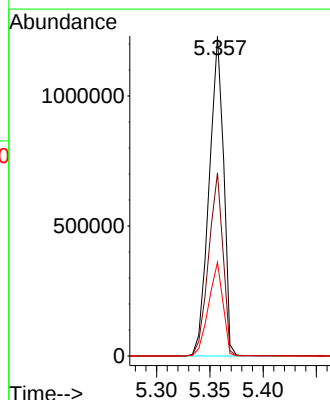
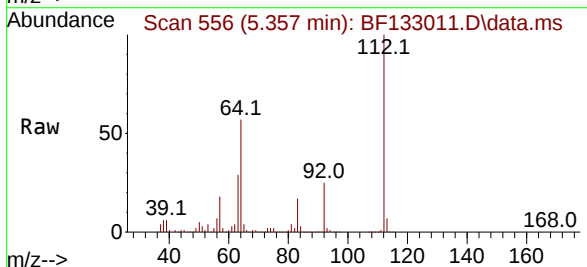
Instrument :
 BNA_F
 ClientSampleId :
 MH-92

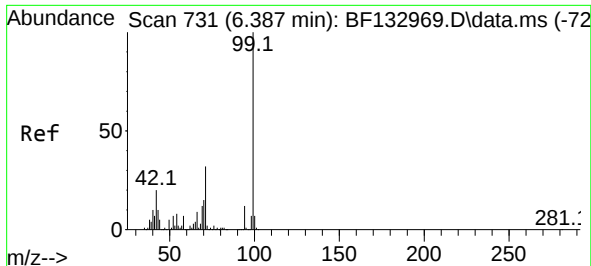
Tgt Ion:152 Resp: 197190
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.8 187.2
 115 61.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 89.501 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: BF133011.D
 Acq: 24 Apr 2023 23:24

Tgt Ion:112 Resp: 1168311
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.8 70.2
 63 29.3 23.8 35.8





#7
Phenol-d6
Concen: 92.342 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

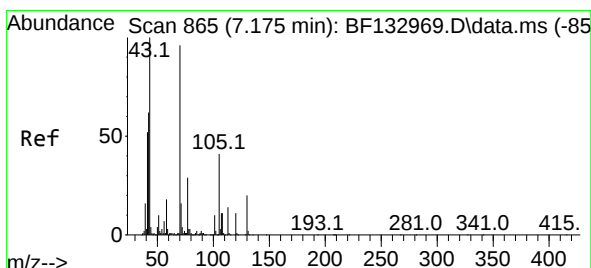
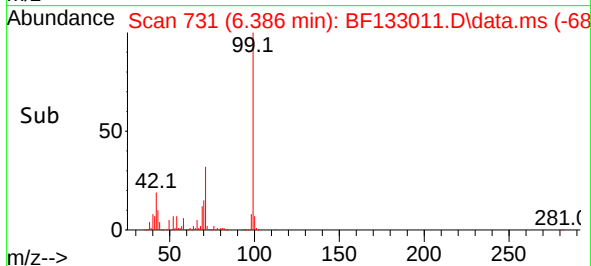
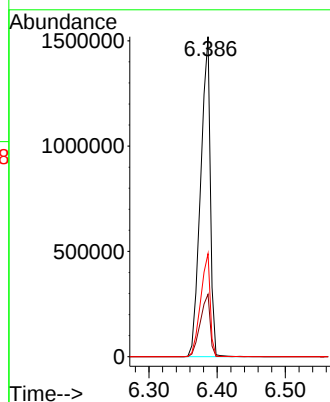
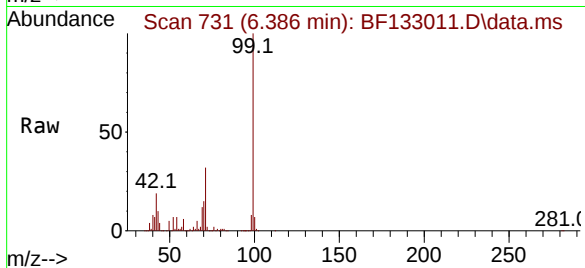
Instrument :

BNA_F

ClientSampleId :

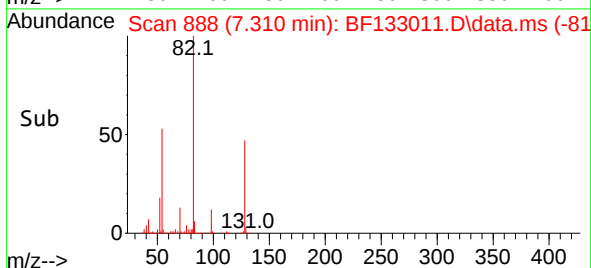
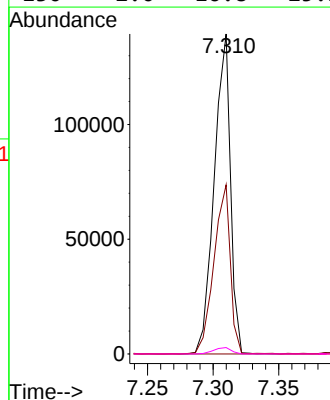
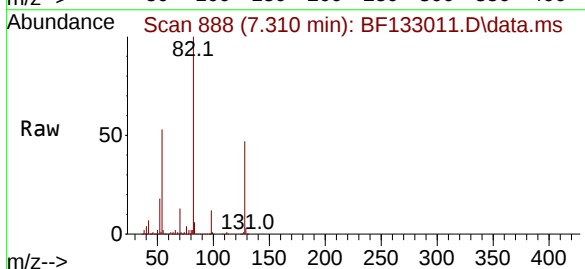
MH-92

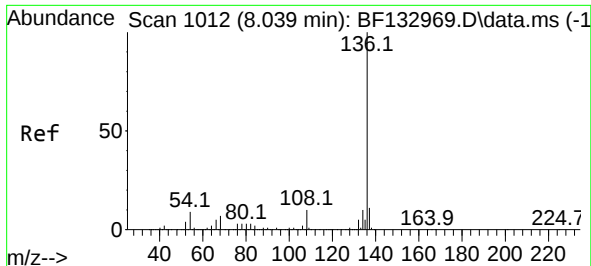
Tgt Ion: 99 Resp: 1496156
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.869 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion: 70 Resp: 119723
Ion Ratio Lower Upper
70 100
42 52.9 51.8 77.6
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#



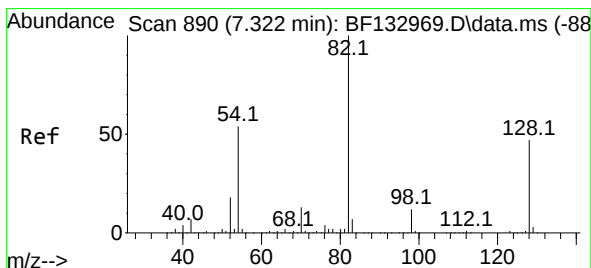
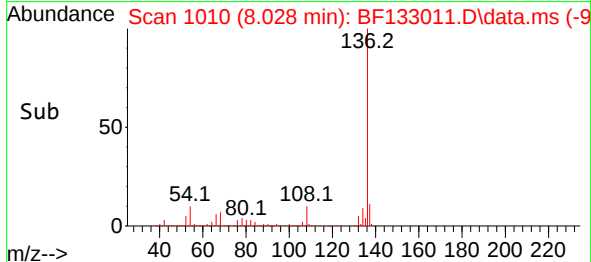
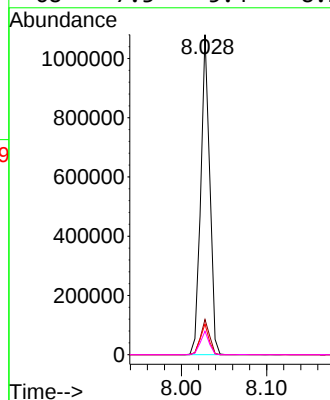
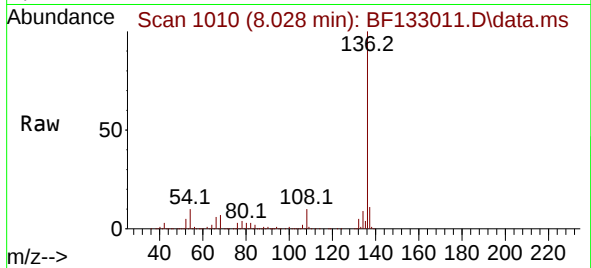


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Instrument :
BNA_F
ClientSampleId :
MH-92

Tgt Ion:136 Resp: 793383

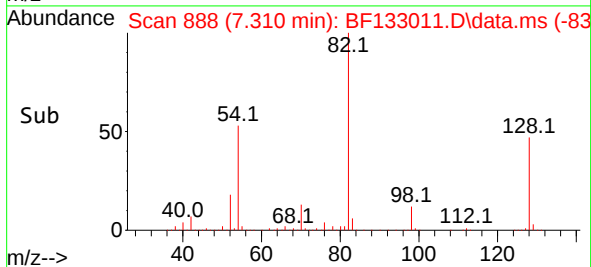
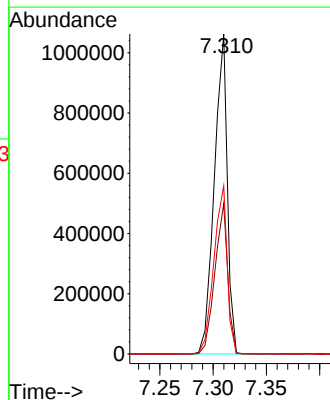
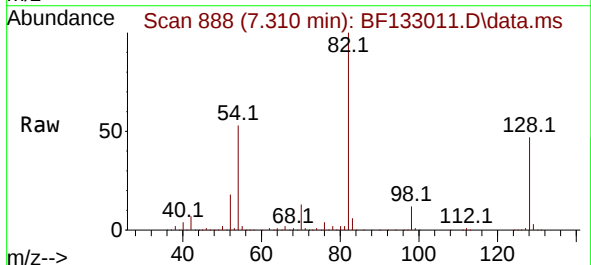
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.5	7.0	10.4
68	7.3	5.4	8.2

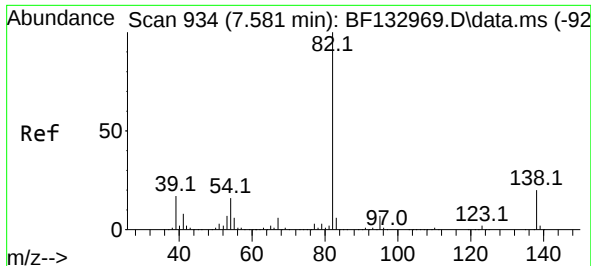


#23
Nitrobenzene-d5
Concen: 61.343 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion: 82 Resp: 901657

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.7	56.5
54	52.5	43.0	64.4

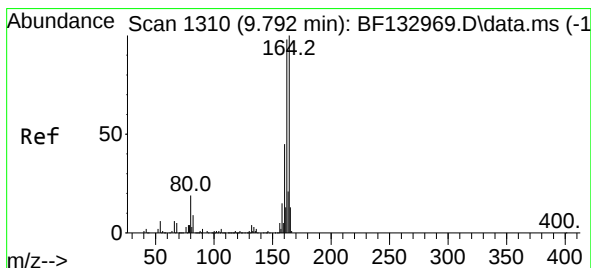
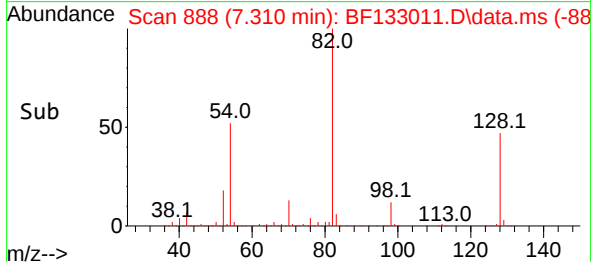
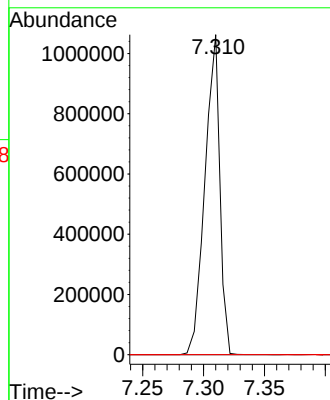
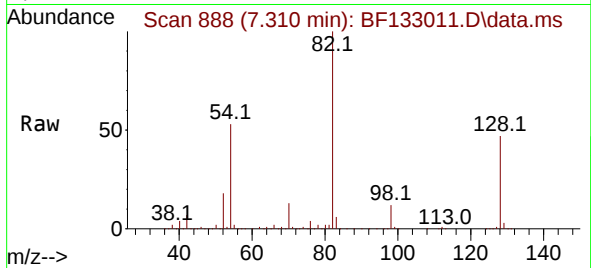




#25
Isophorone
Concen: 32.271 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

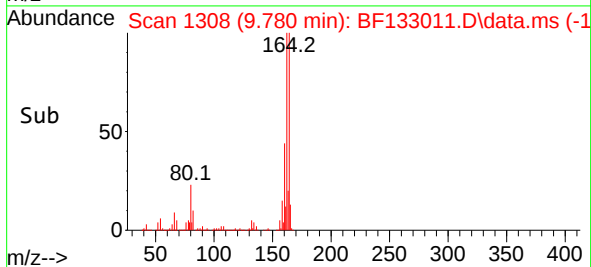
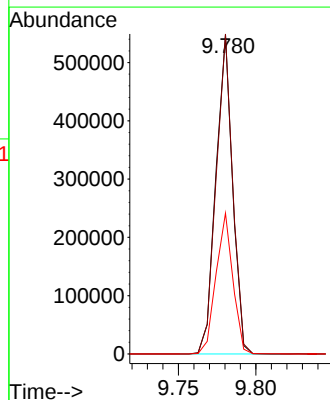
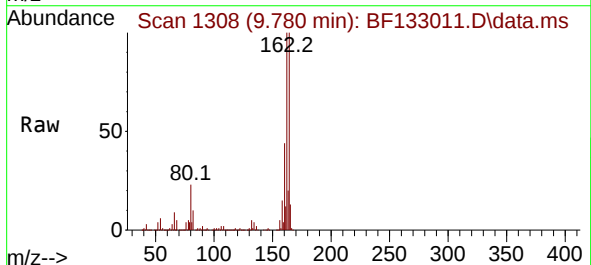
Instrument :
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ClientSampleId :
MH-92

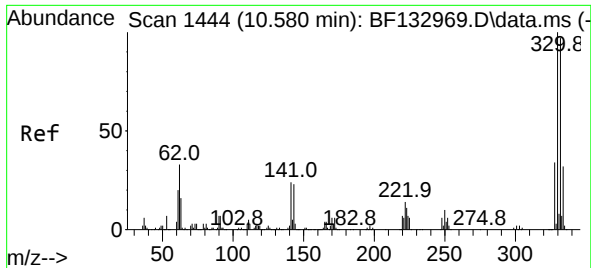
Tgt Ion: 82 Resp: 900618
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion:164 Resp: 408731
Ion Ratio Lower Upper
164 100
162 100.2 78.7 118.1
160 44.1 35.8 53.6

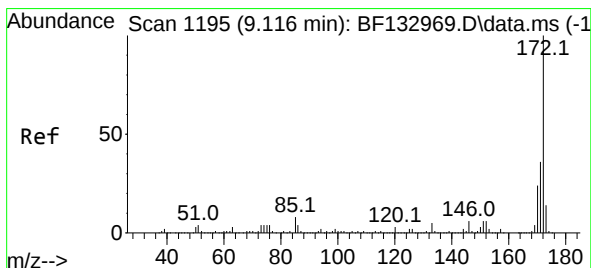
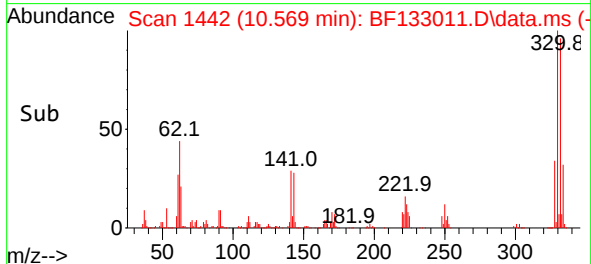
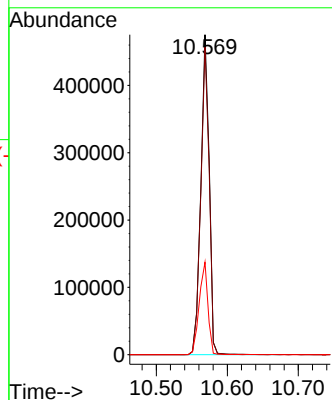
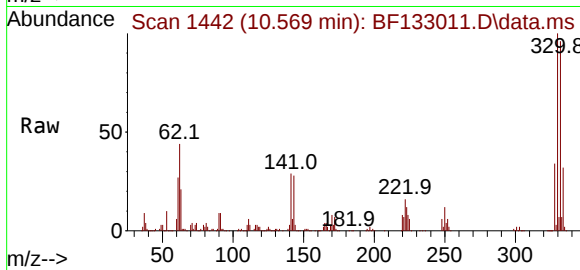




#42
2,4,6-Tribromophenol
Concen: 94.983 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

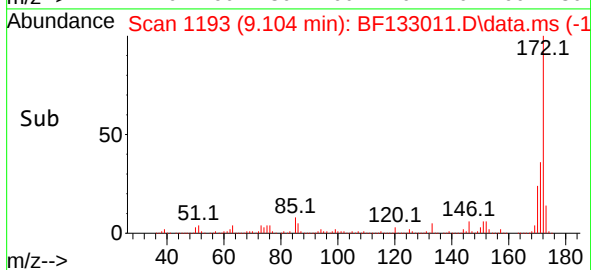
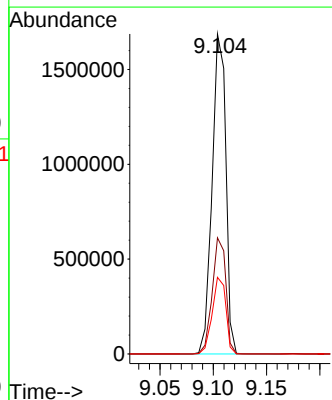
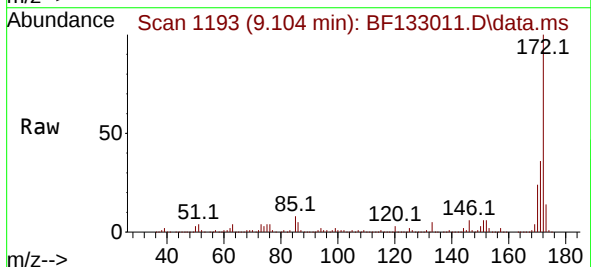
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ClientSampleId :
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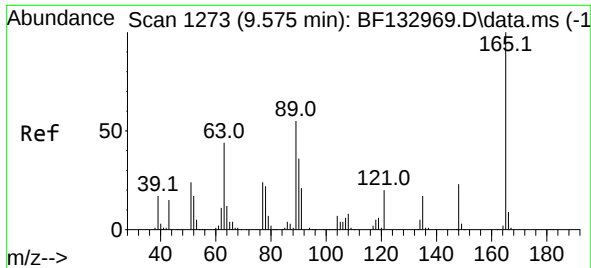
Tgt Ion:330 Resp: 390435
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 30.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 61.742 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion:172 Resp: 1508421
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.0 19.4 29.2

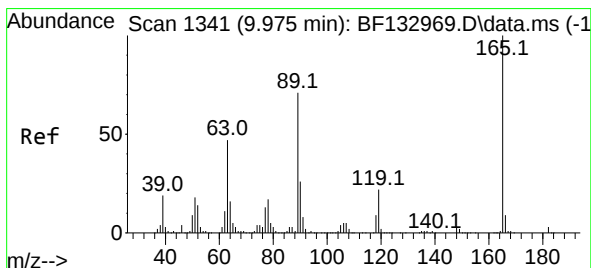
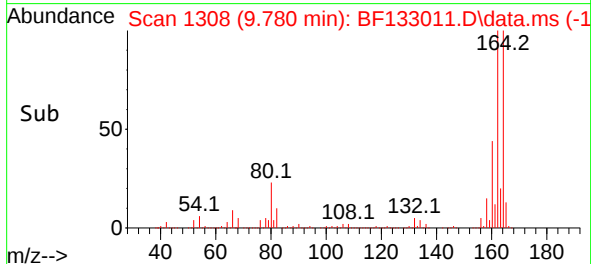
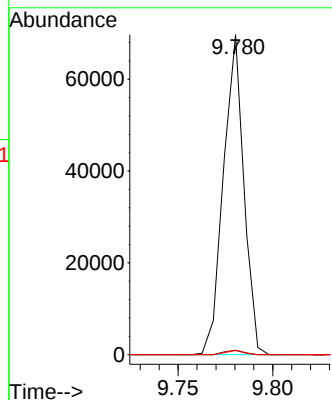
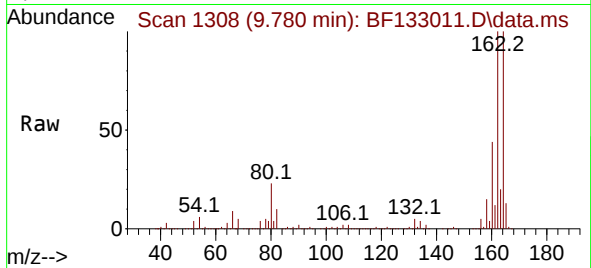




#51
2,6-Dinitrotoluene
Concen: 8.170 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

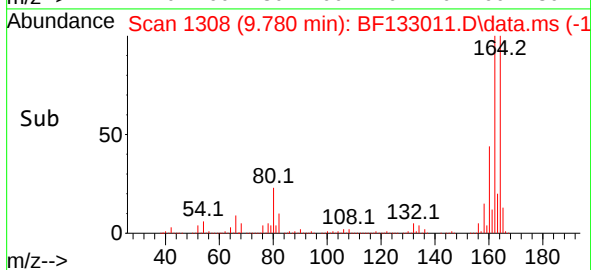
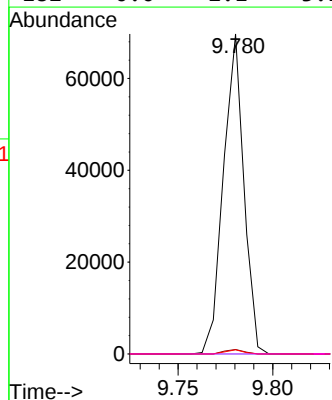
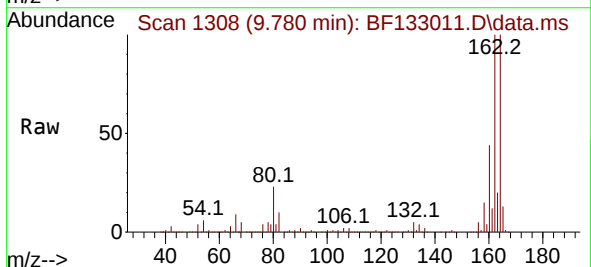
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ClientSampleId :
MH-92

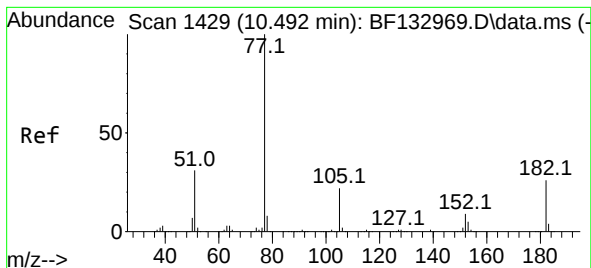
Tgt Ion:165 Resp: 52410
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.3 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion:165 Resp: 52410
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.3 57.0 85.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.641 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.000 min

Lab File: BF133011.D

Acq: 24 Apr 2023 23:24

Instrument :

BNA_F

ClientSampleId :

MH-92

Tgt Ion: 77 Resp: 75301

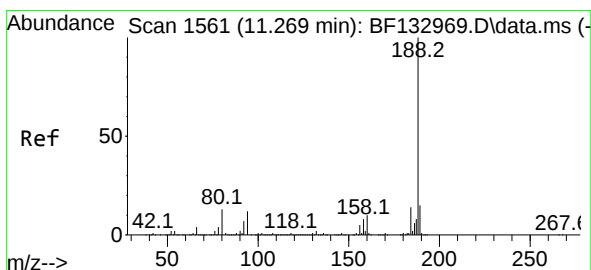
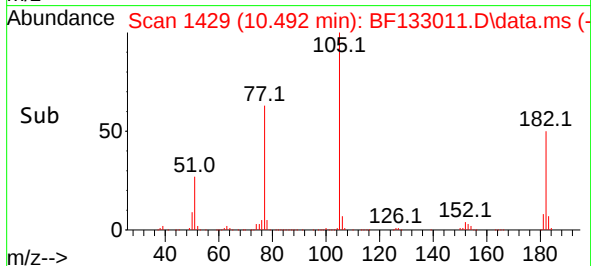
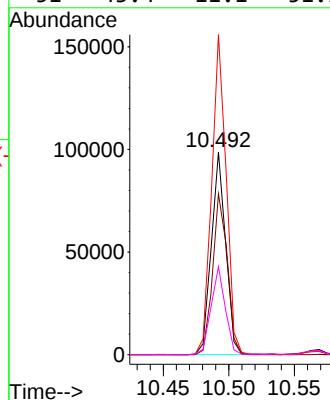
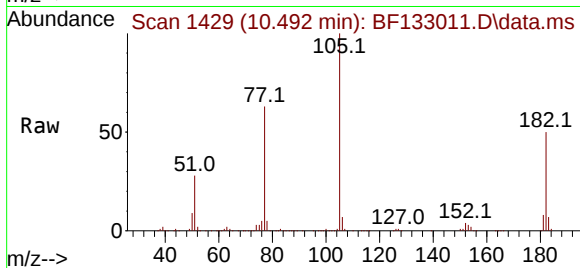
Ion Ratio Lower Upper

77 100

182 79.3 5.9 45.9#

105 157.8 2.3 42.3#

51 43.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF133011.D

Acq: 24 Apr 2023 23:24

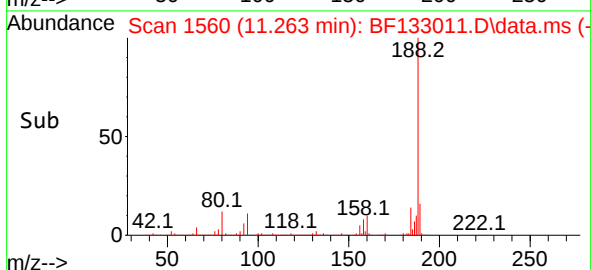
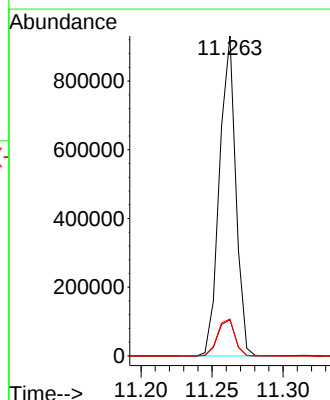
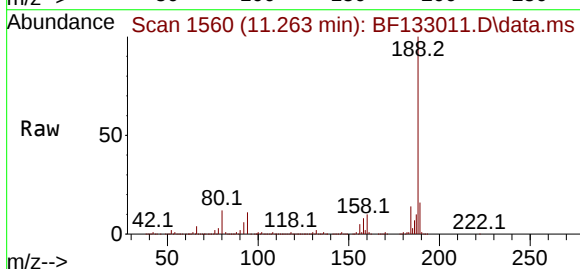
Tgt Ion:188 Resp: 743044

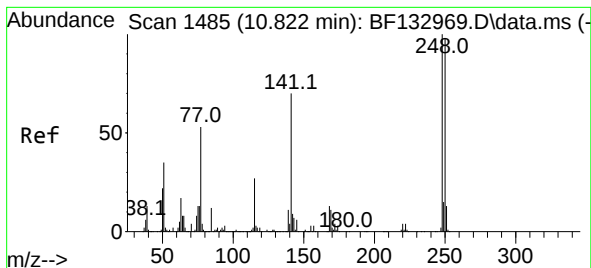
Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.5 10.4 15.6

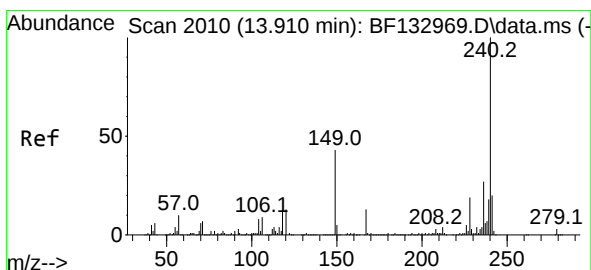
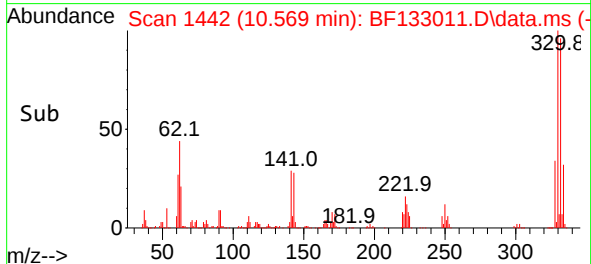
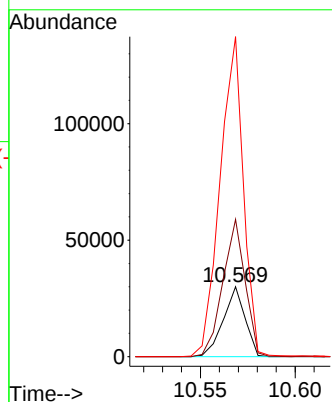
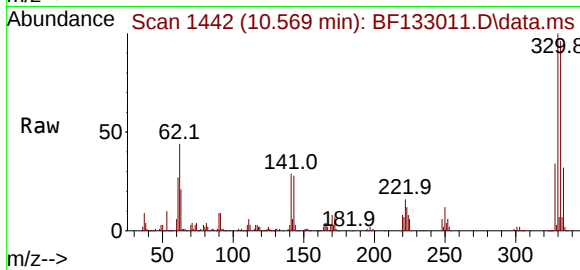




#67
4-Bromophenyl-phenylether
Concen: 2.980 ng
RT: 10.569 min Scan# 1485
Delta R.T. -0.253 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

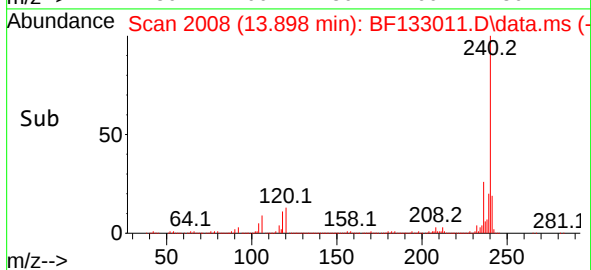
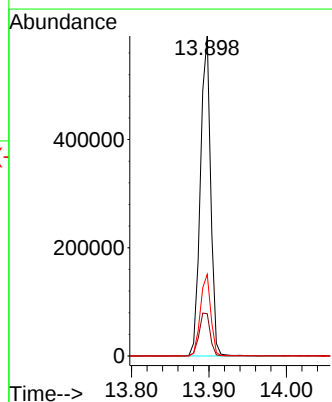
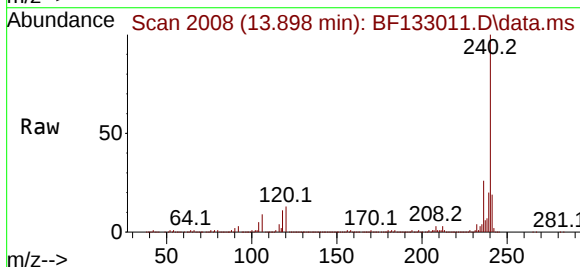
Instrument :
BNA_F
ClientSampleId :
MH-92

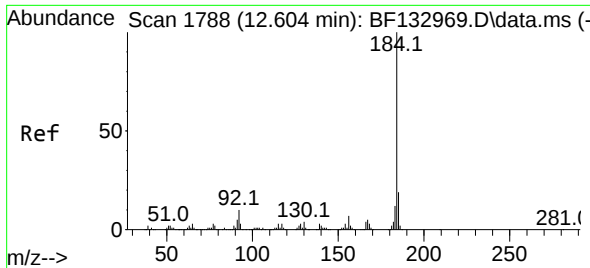
Tgt Ion:248 Resp: 24017
Ion Ratio Lower Upper
248 100
250 196.5 78.7 118.1#
141 458.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion:240 Resp: 543998
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 25.5 21.5 32.3

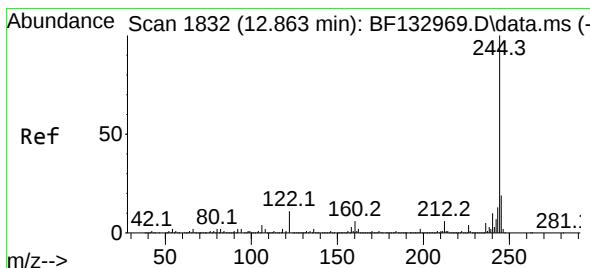
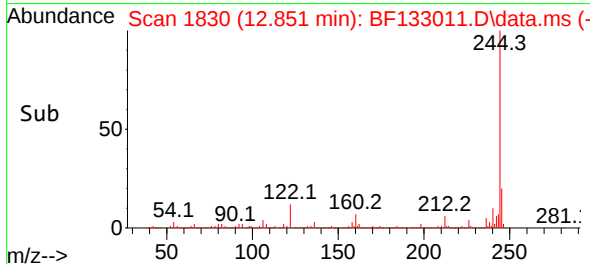
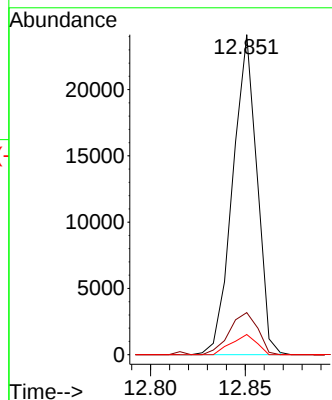
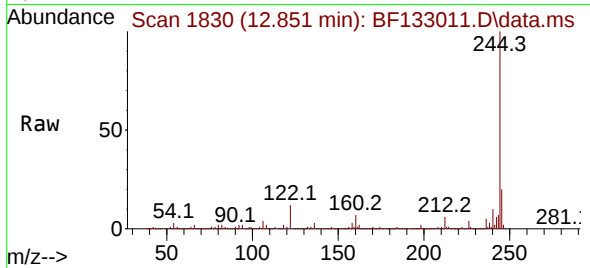




#77
Benzidine
Concen: 2.335 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

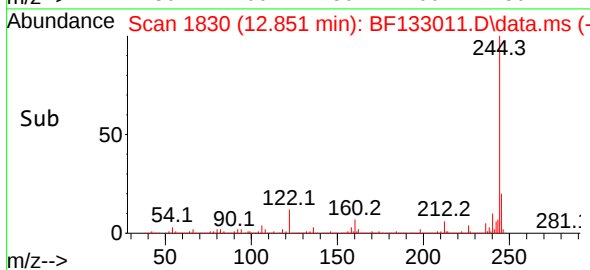
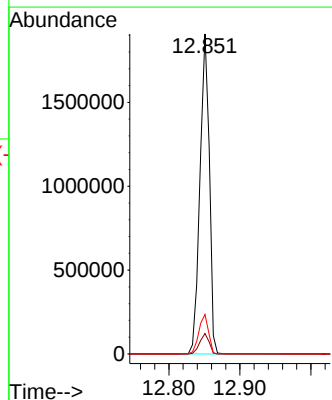
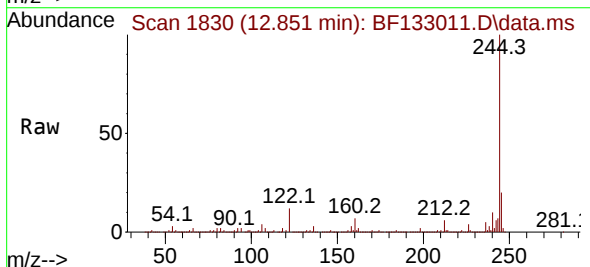
Instrument :
BNA_F
ClientSampleId :
MH-92

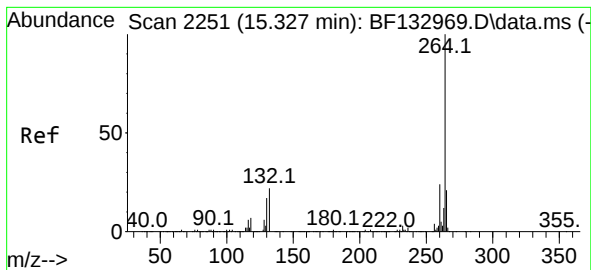
Tgt Ion:184 Resp: 21481
Ion Ratio Lower Upper
184 100
185 13.2 15.4 23.2#
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 55.608 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF133011.D
Acq: 24 Apr 2023 23:24

Tgt Ion:244 Resp: 1753999
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133011.D
 Acq: 24 Apr 2023 23:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-92

Tgt Ion:264 Resp: 443572
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.9 17.0 25.4

