

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133039.D
 Acq On : 25 Apr 2023 21:28
 Operator : CG\JU
 Sample : 02423-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1

Quant Time: Apr 26 02:18:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

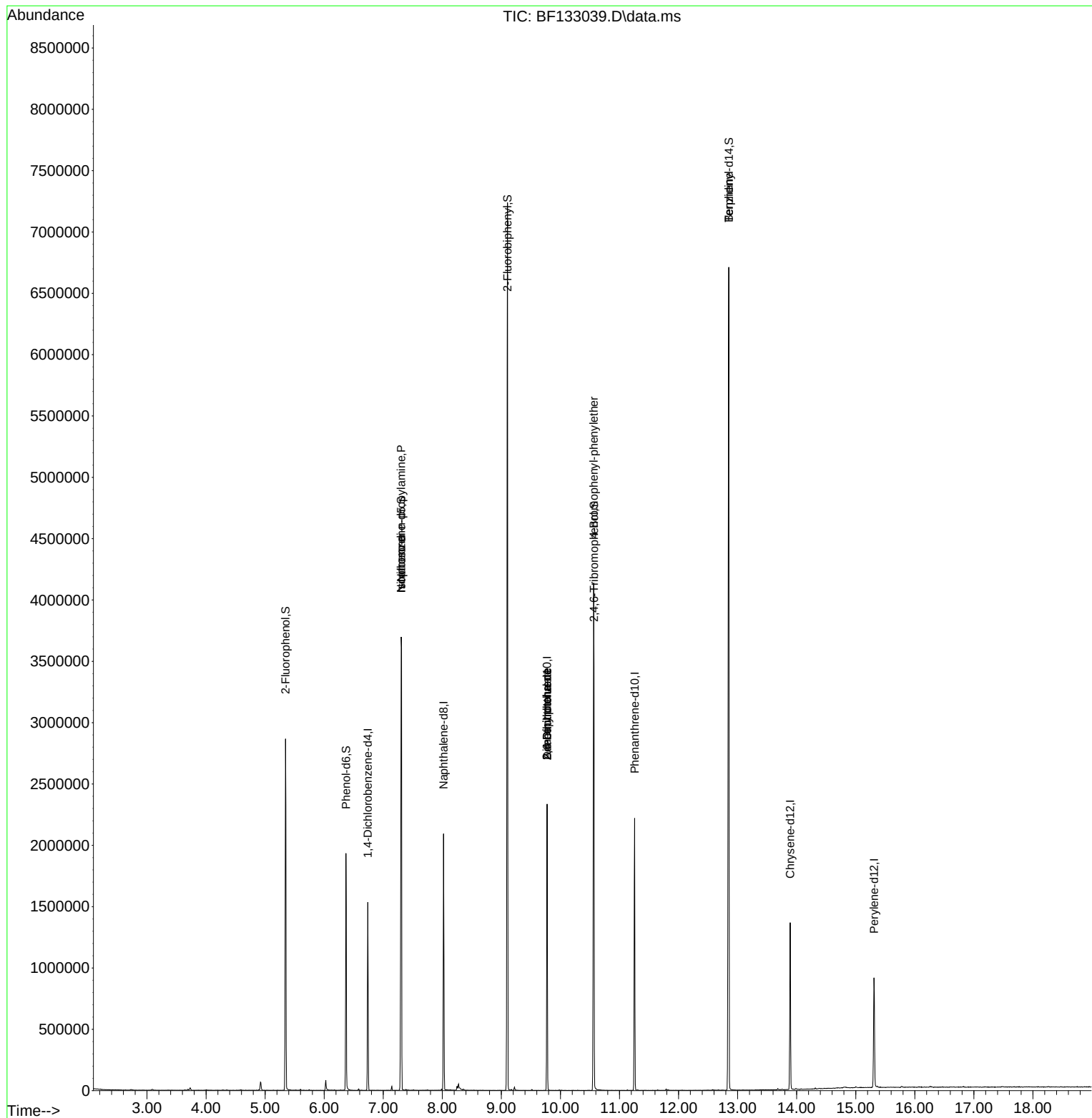
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	194272	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	787631	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	410245	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	749038	20.000	ng	0.00
76) Chrysene-d12	13.892	240	457652	20.000	ng	0.00
86) Perylene-d12	15.310	264	382948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	801674	62.336	ng	0.00
7) Phenol-d6	6.369	99	589983	36.960	ng	-0.02
23) Nitrobenzene-d5	7.304	82	1337133	91.635	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	580864	140.788	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2217274	90.422	ng	0.00
79) Terphenyl-d14	12.851	244	2619286	98.708	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	419	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.304	70	177872	17.899	ng	# 77
25) Isophorone	7.304	82	1335717	48.212	ng	# 62
50) Dimethylphthalate	9.775	163	83132	2.906	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	53692	8.339	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	53692	6.539	ng	# 23
67) 4-Bromophenyl-phenylether	10.563	248	34635	4.263	ng	# 1
77) Benzidine	12.851	184	30745	3.973	ng	# 90

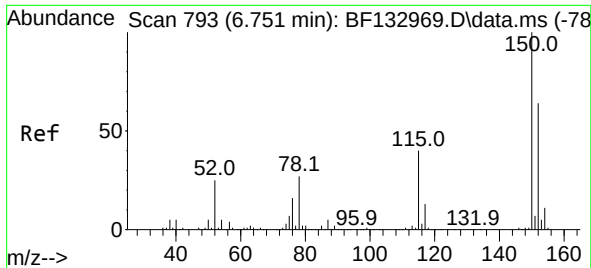
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration

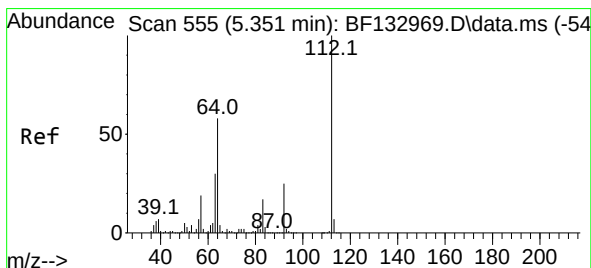
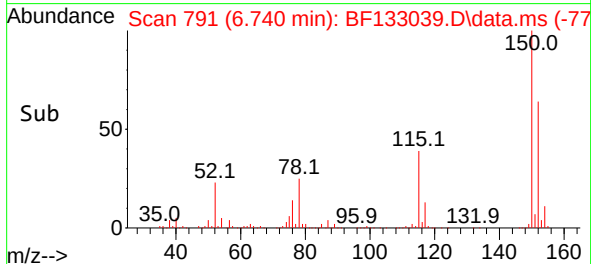
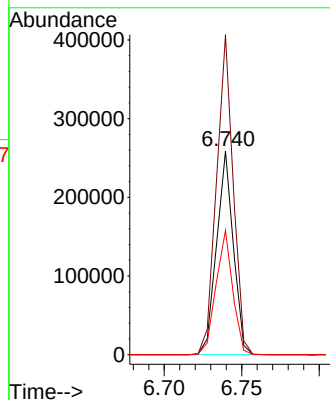
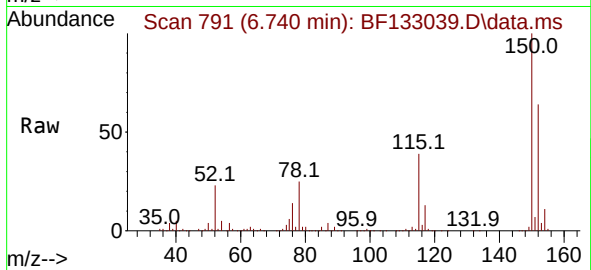




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

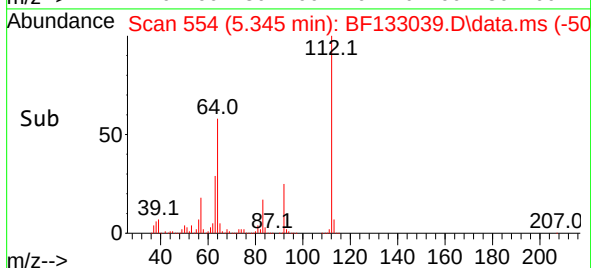
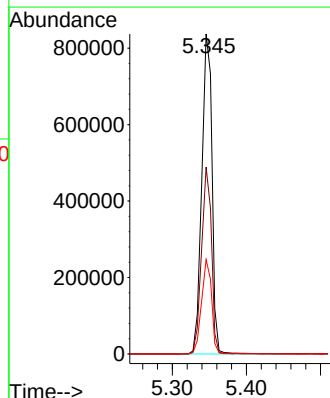
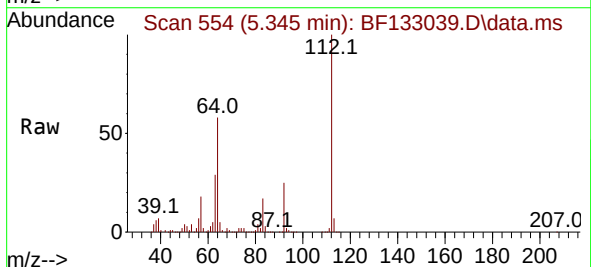
Instrument :
BNA_F
ClientSampleId :
EB-1

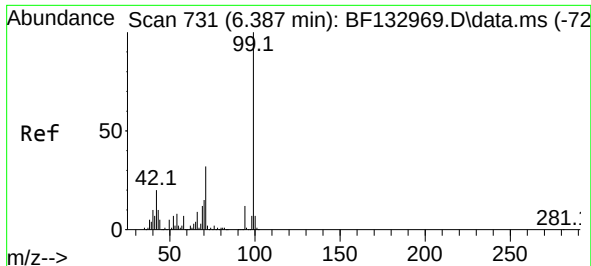
Tgt Ion:152 Resp: 194272
Ion Ratio Lower Upper
152 100
150 157.1 124.8 187.2
115 61.1 49.9 74.9



#5
2-Fluorophenol
Concen: 62.336 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion:112 Resp: 801674
Ion Ratio Lower Upper
112 100
64 58.4 46.8 70.2
63 29.5 23.8 35.8

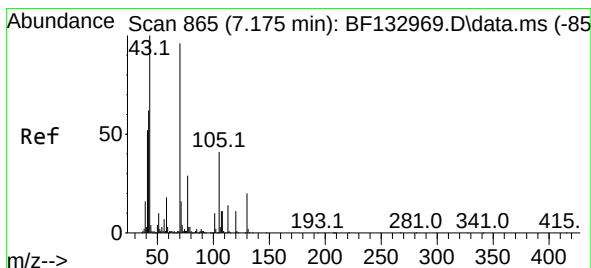
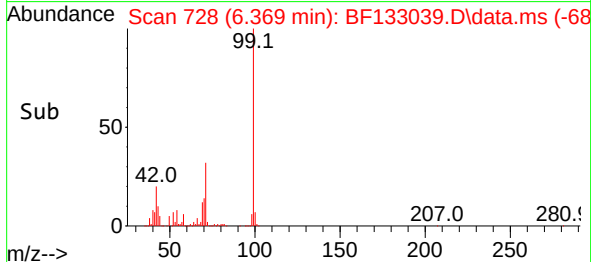
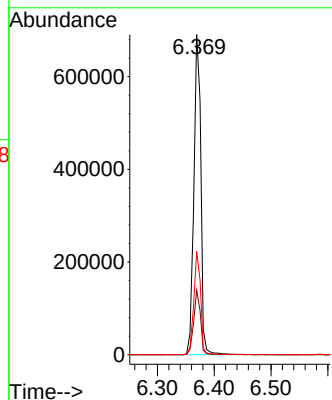
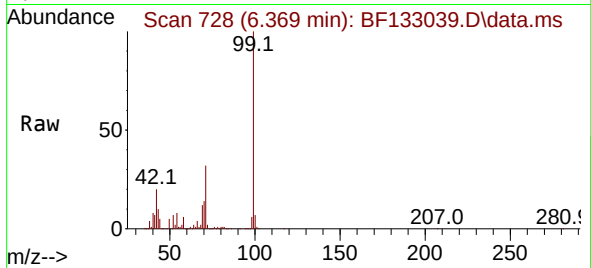




#7
Phenol-d6
Concen: 36.960 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

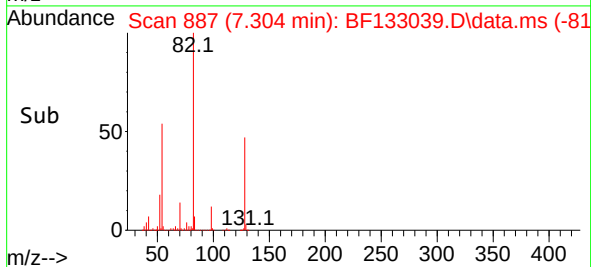
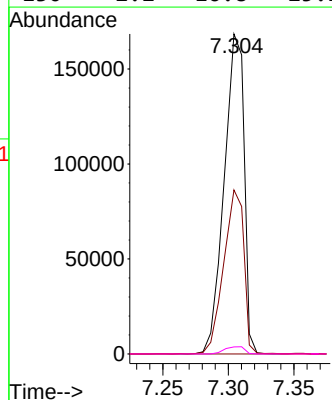
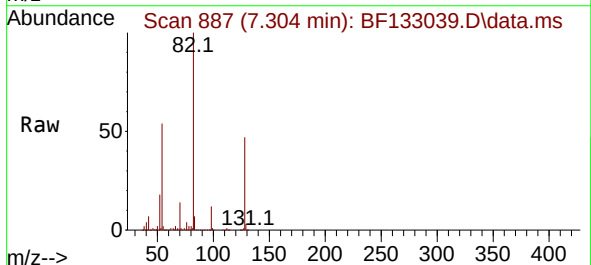
Instrument :
BNA_F
ClientSampleId :
EB-1

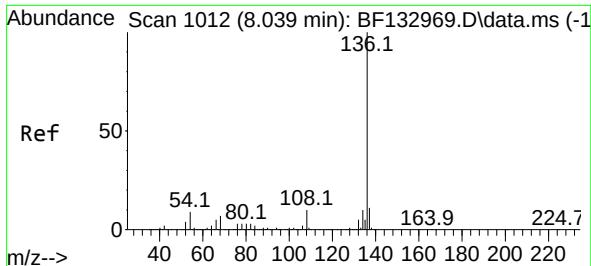
Tgt Ion: 99 Resp: 589983
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.899 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion: 70 Resp: 177872
Ion Ratio Lower Upper
70 100
42 51.3 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

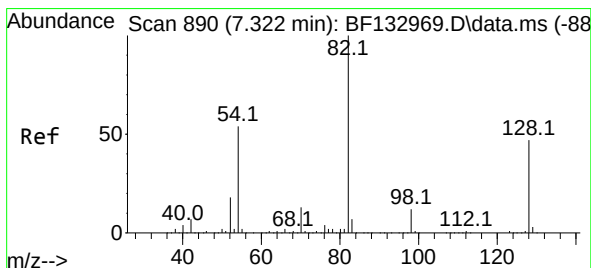
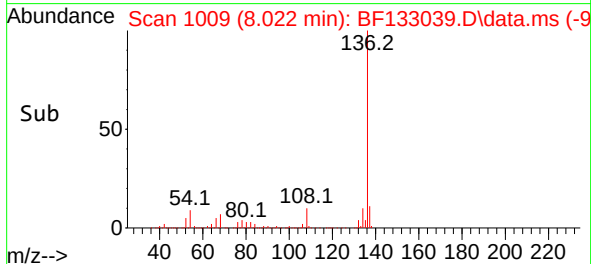
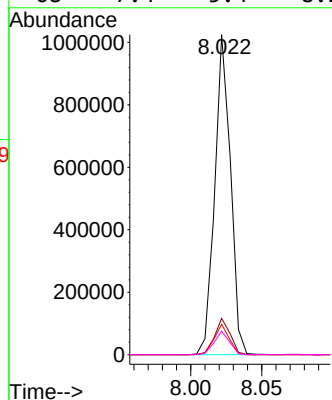
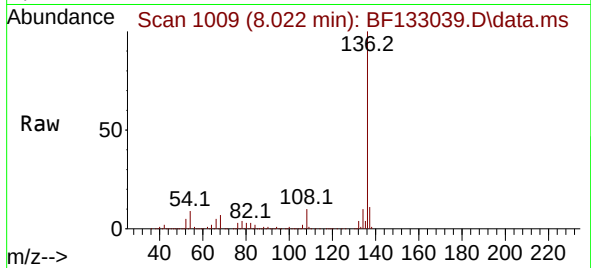




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

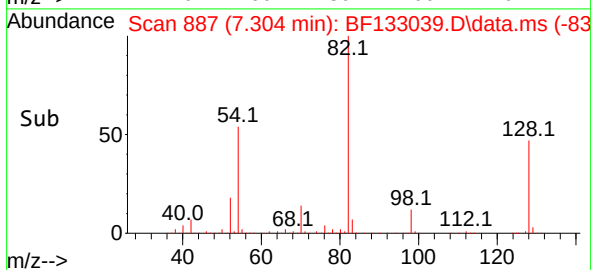
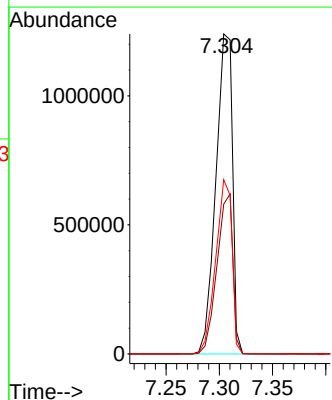
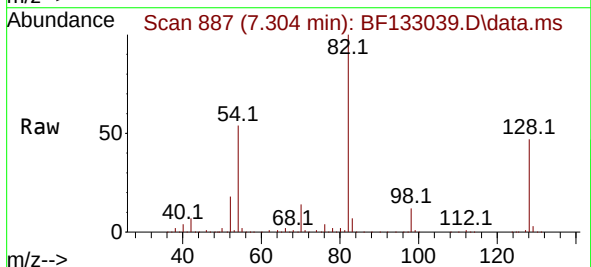
Instrument :
BNA_F
ClientSampleId :
EB-1

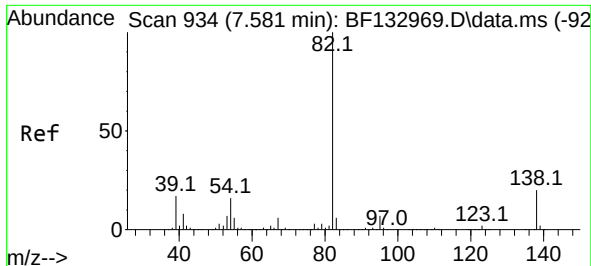
Tgt	Ion:136	Resp:	787631
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.5	7.0	10.4
68	7.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 91.635 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion: 82		Resp: 1337133	
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.7	56.5
54	54.5	43.0	64.4

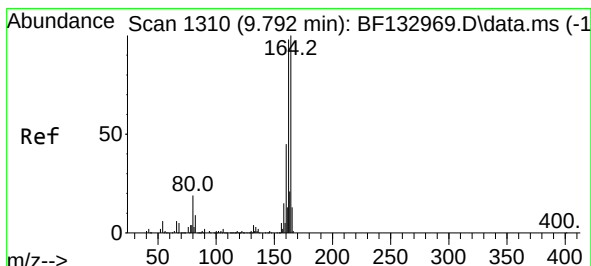
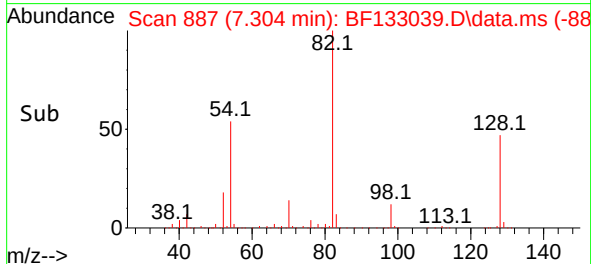
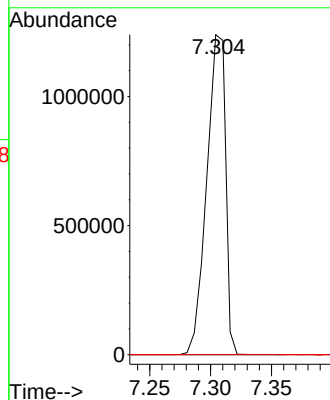
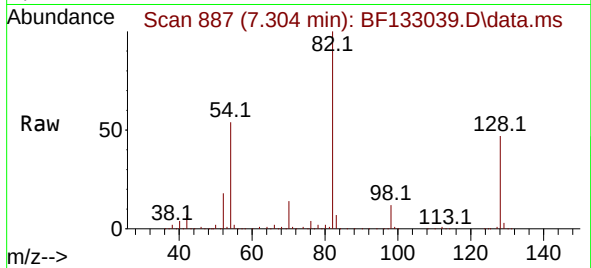




#25
Isophorone
Concen: 48.212 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

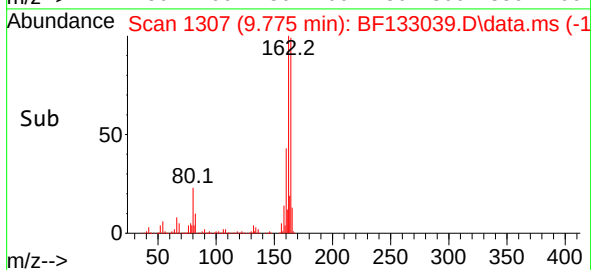
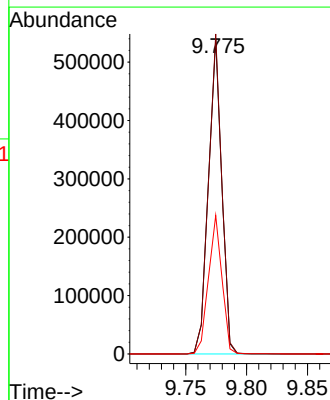
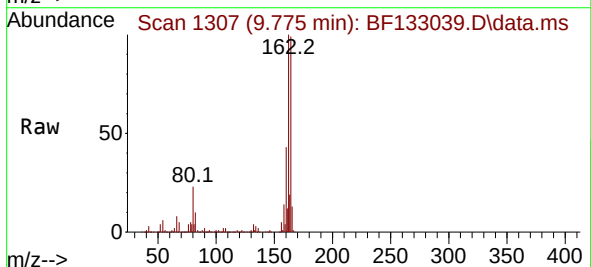
Instrument :
BNA_F
ClientSampleId :
EB-1

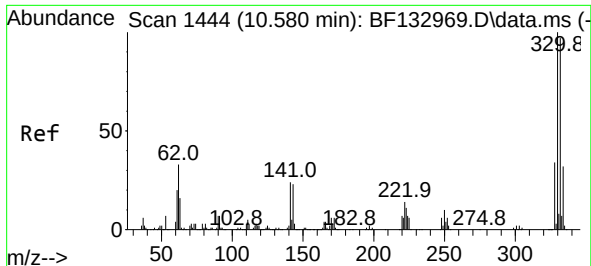
Tgt Ion: 82 Resp: 1335717
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion:164 Resp: 410245
Ion Ratio Lower Upper
164 100
162 101.5 78.7 118.1
160 44.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 140.788 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF133039.D

Acq: 25 Apr 2023 21:28

Instrument :

BNA_F

ClientSampleId :

EB-1

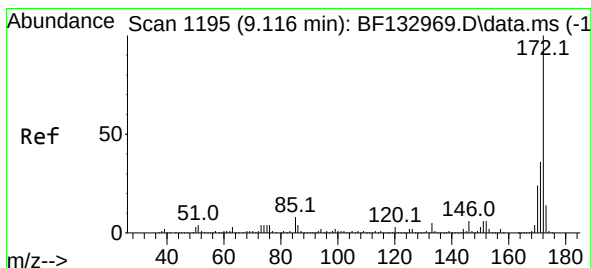
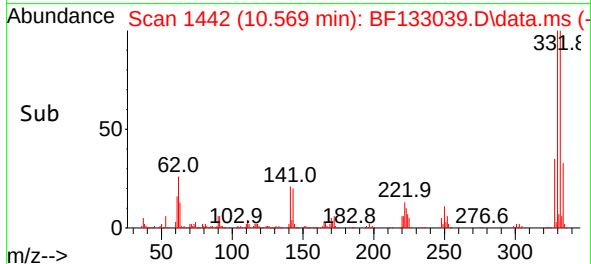
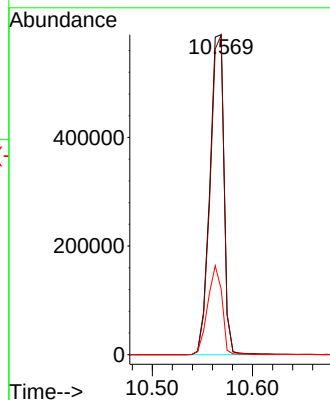
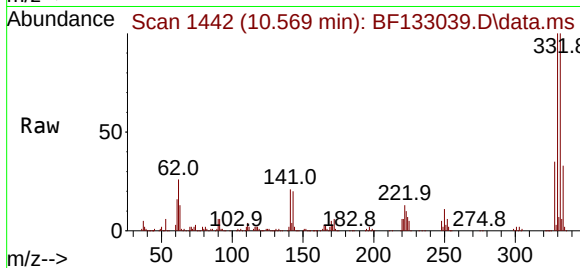
Tgt Ion:330 Resp: 580864

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 28.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.422 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF133039.D

Acq: 25 Apr 2023 21:28

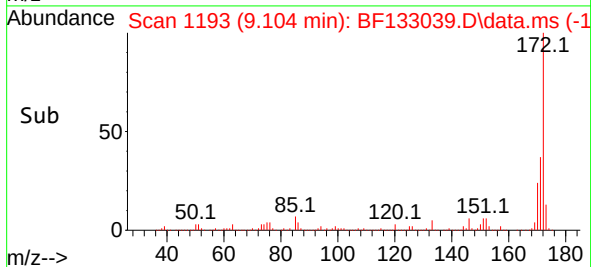
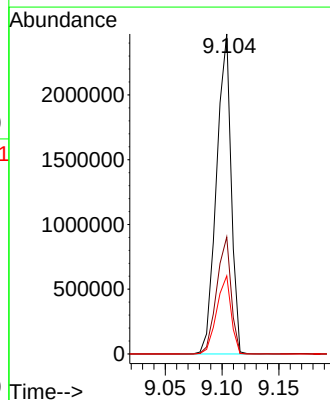
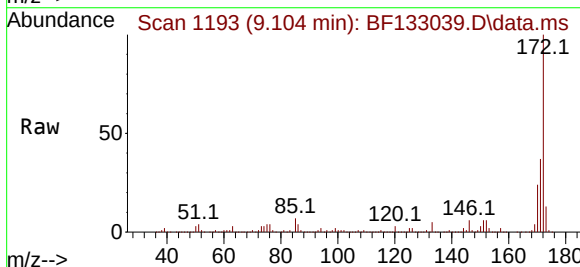
Tgt Ion:172 Resp: 2217274

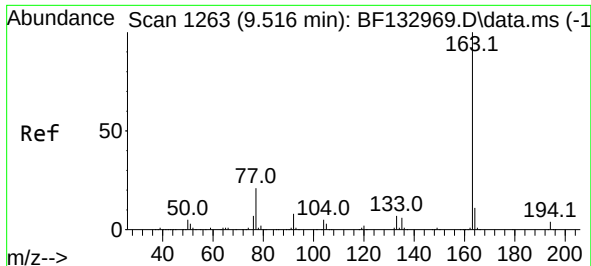
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.4 19.4 29.2

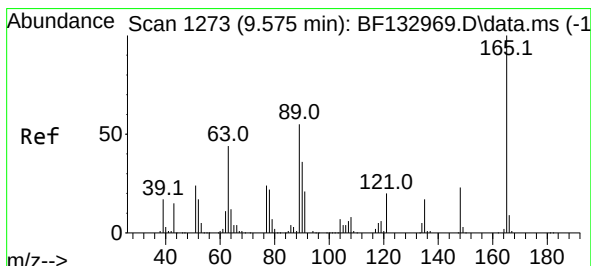
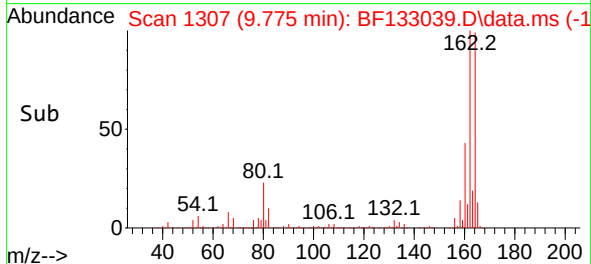
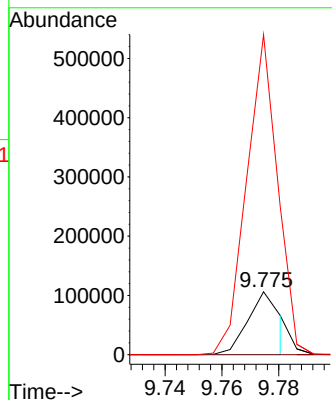
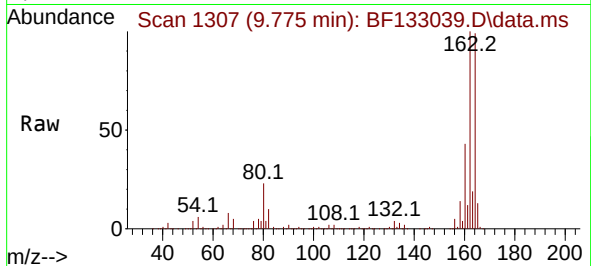




#50
Dimethylphthalate
Concen: 2.906 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

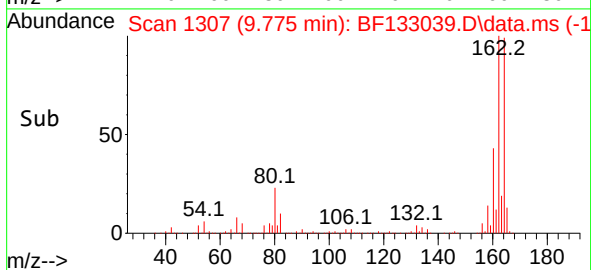
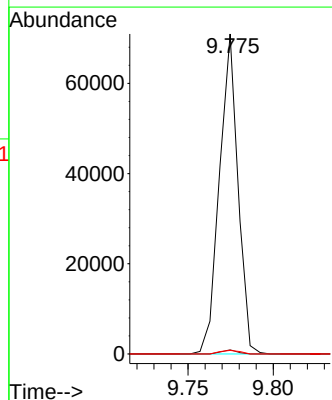
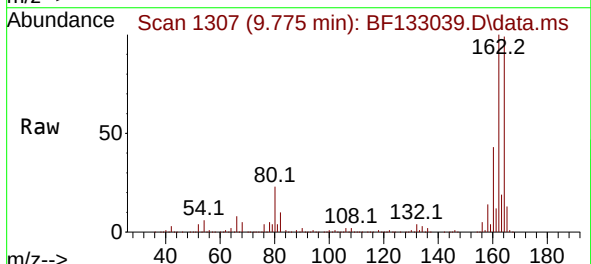
Instrument :
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ClientSampleId :
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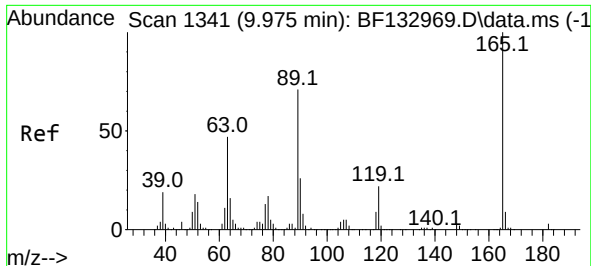
Tgt Ion:163 Resp: 83132
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 508.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.339 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion:165 Resp: 53692
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.1 44.0 66.0#

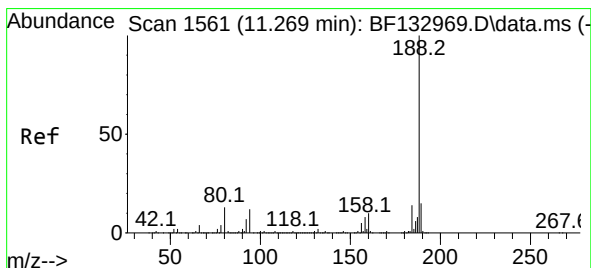
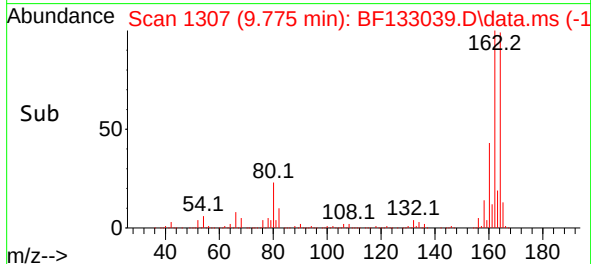
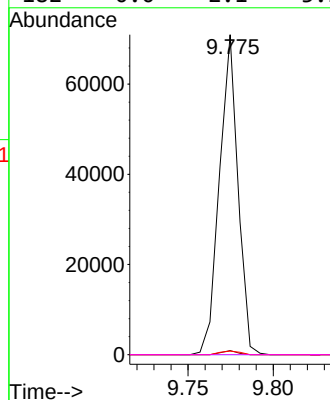
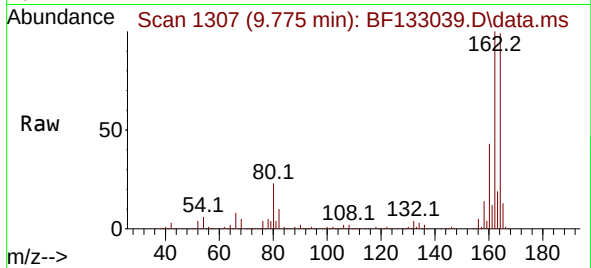




#57
2,4-Dinitrotoluene
Concen: 6.539 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

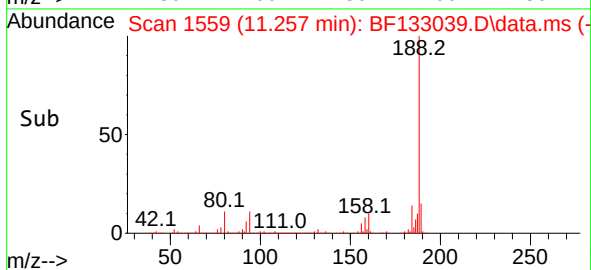
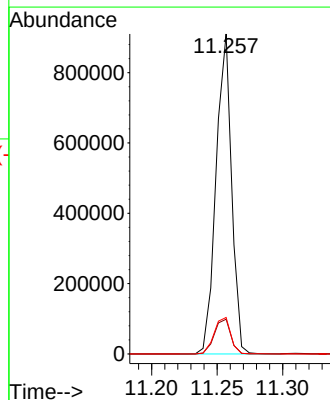
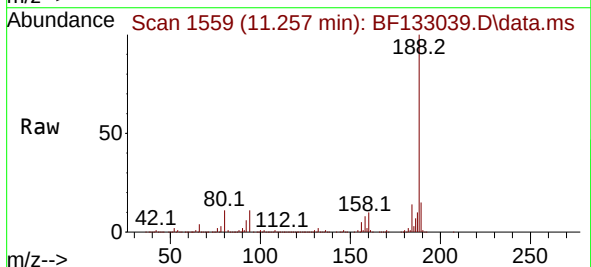
Instrument :
BNA_F
ClientSampleId :
EB-1

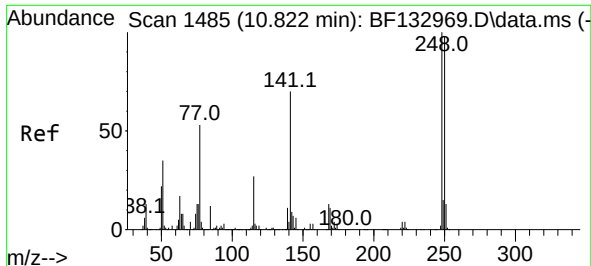
Tgt Ion:165 Resp: 53692
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion:188 Resp: 749038
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.4 10.4 15.6

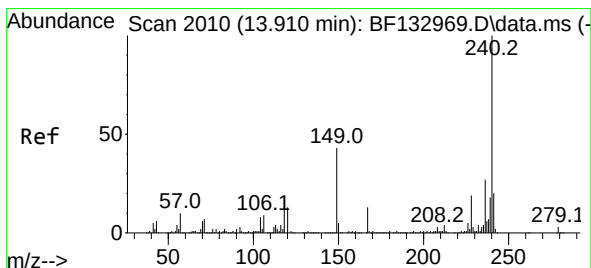
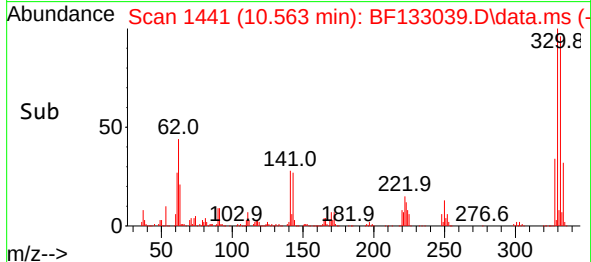
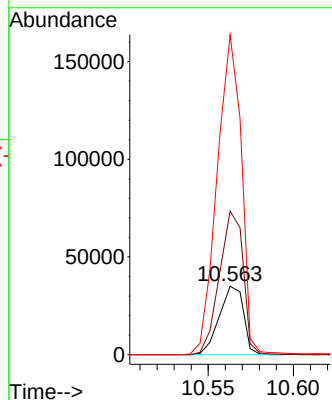
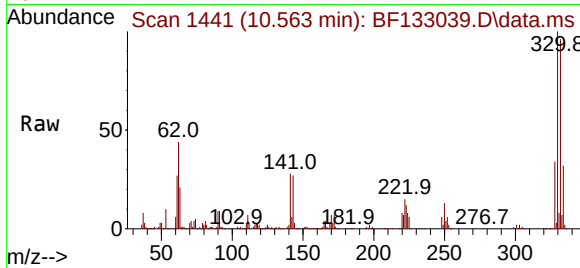




#67
4-Bromophenyl-phenylether
Concen: 4.263 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

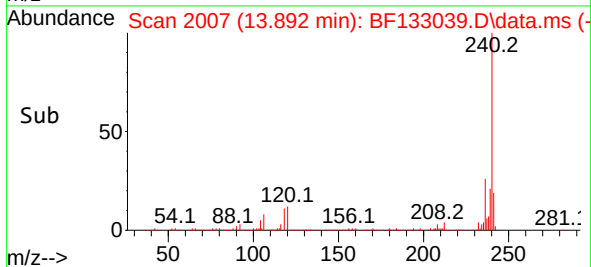
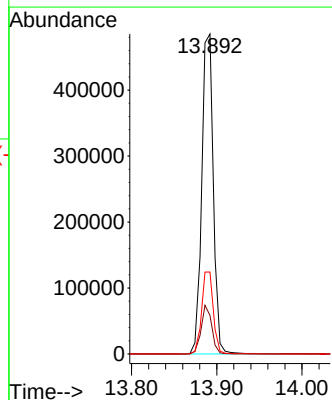
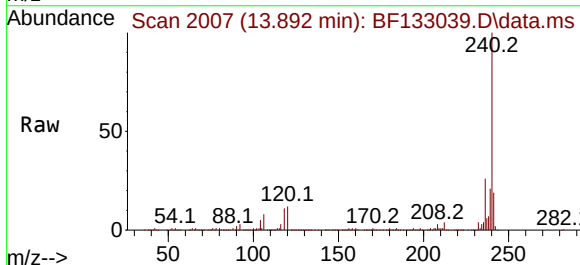
Instrument :
BNA_F
ClientSampleId :
EB-1

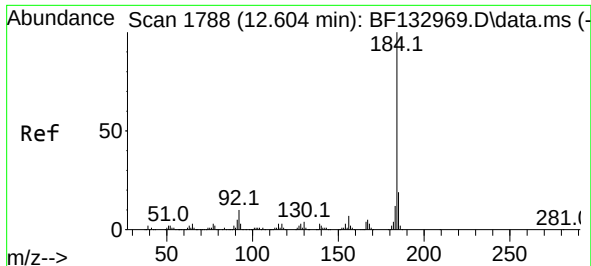
Tgt Ion:248 Resp: 34635
Ion Ratio Lower Upper
248 100
250 210.0 78.7 118.1#
141 467.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

Tgt Ion:240 Resp: 457652
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 25.6 21.5 32.3

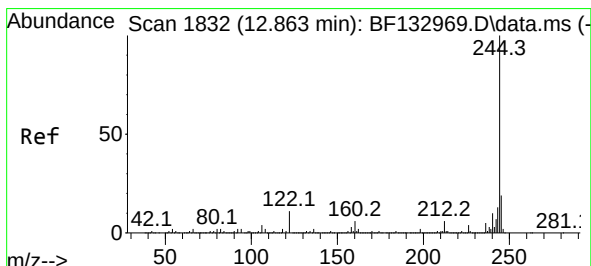
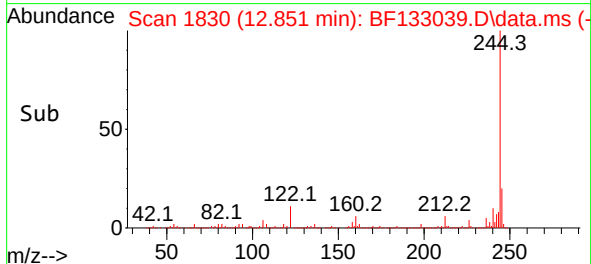
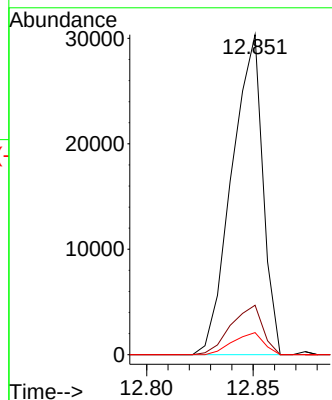
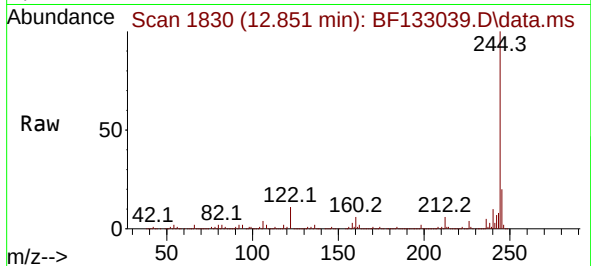




#77
Benzidine
Concen: 3.973 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.259 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

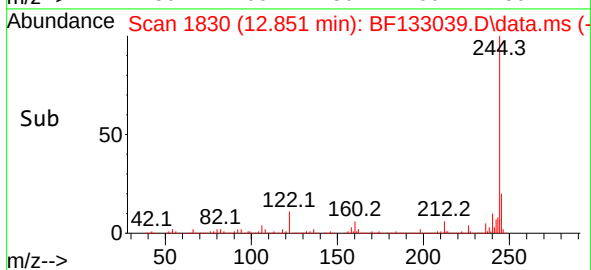
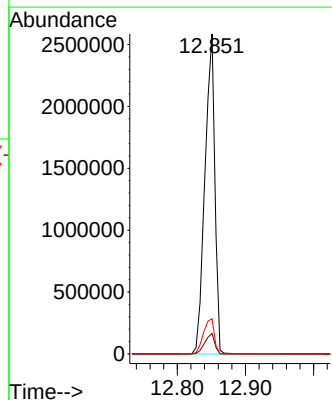
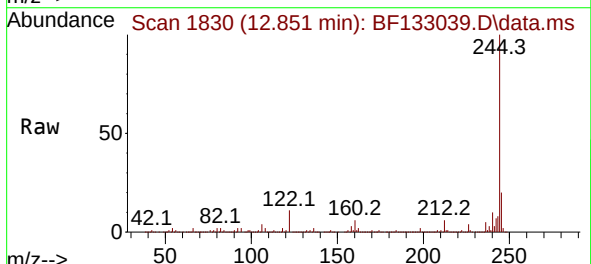
Instrument :
BNA_F
ClientSampleId :
EB-1

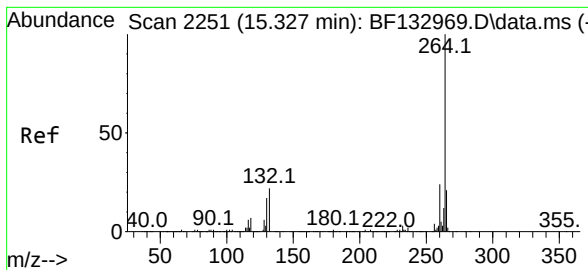
Tgt Ion:184 Resp: 30745
Ion Ratio Lower Upper
184 100
185 15.4 15.4 23.2
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 98.708 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF133039.D
Acq: 25 Apr 2023 21:28

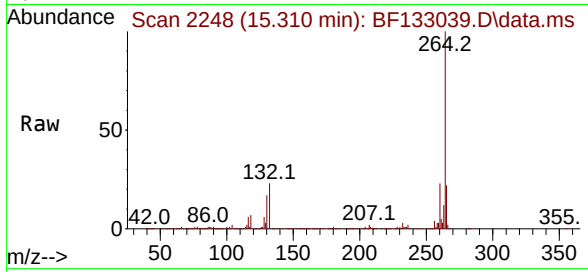
Tgt Ion:244 Resp: 2619286
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.0 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133039.D
 Acq: 25 Apr 2023 21:28

Instrument :
 BNA_F
 ClientSampleId :
 EB-1



Tgt Ion:264 Resp: 382948
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.4 17.0 25.4

