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 Data File : BF133224.D
 Acq On : 04 May 2023 11:07
 Operator : CG\JU
 Sample : PB152560BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

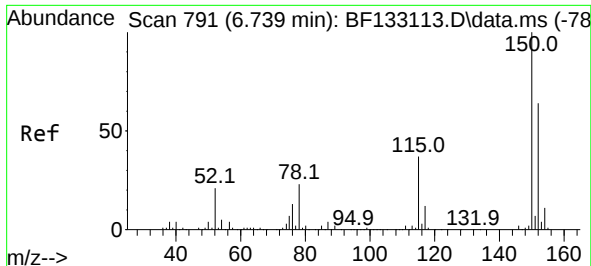
Instrument :
 BNA_F
 ClientSampleId :
 PB152560BL

Quant Time: May 04 11:29:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 11:25:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	254499	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	1068444	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	582561	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	1048865	20.000	ng	0.00
76) Chrysene-d12	13.880	240	713967	20.000	ng	0.00
86) Perylene-d12	15.298	264	602354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1975292	117.246	ng	0.02
7) Phenol-d6	6.375	99	2371653	113.416	ng	0.00
23) Nitrobenzene-d5	7.298	82	1493950	75.473	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	613008	104.631	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2399492	68.909	ng	0.00
79) Terphenyl-d14	12.839	244	2763497	66.755	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	124	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	199847	15.351	ng	# 77
25) Isophorone	7.298	82	1489432	39.631	ng	# 63
50) Dimethylphthalate	9.763	163	118335	2.913	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	75568	8.265	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	75568	6.481	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	38411	3.377	ng	# 1

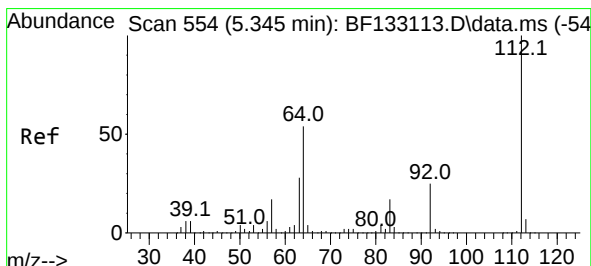
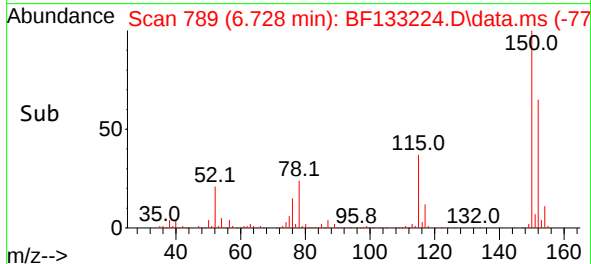
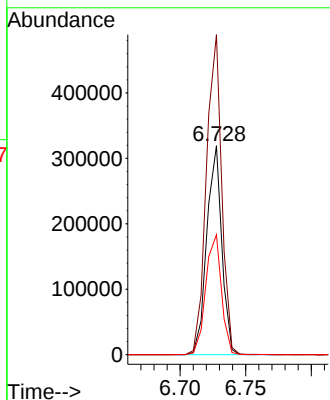
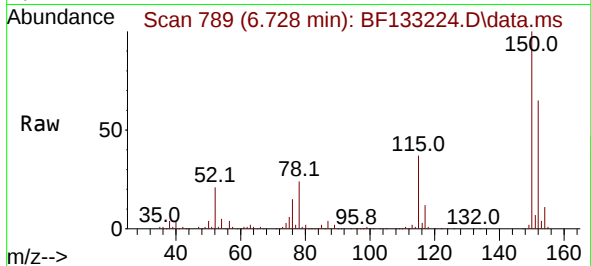
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

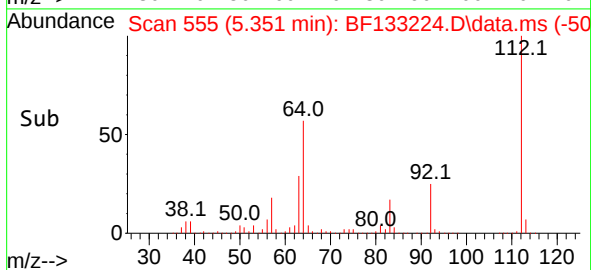
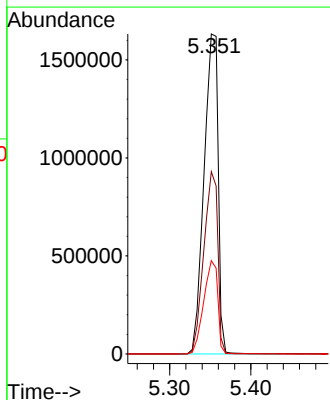
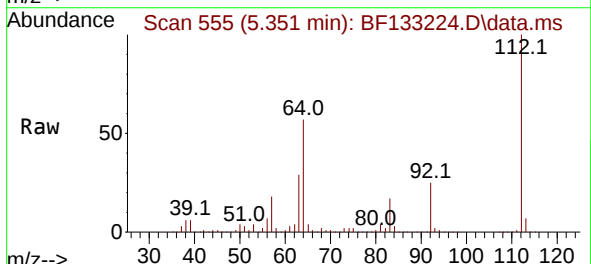
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BNA_F
ClientSampleId :
PB152560BL

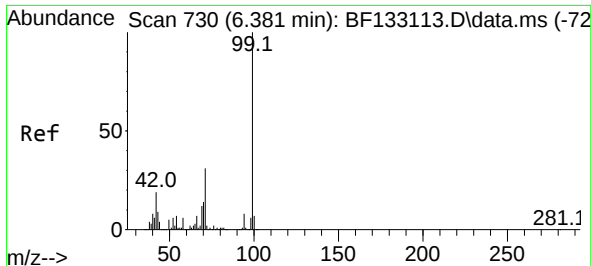
Tgt Ion:152 Resp: 254499
Ion Ratio Lower Upper
152 100
150 153.1 124.8 187.2
115 57.4 49.9 74.9



#5
2-Fluorophenol
Concen: 117.246 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion:112 Resp: 1975292
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.1 23.8 35.8





#7
Phenol-d6
Concen: 113.416 ng
RT: 6.375 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

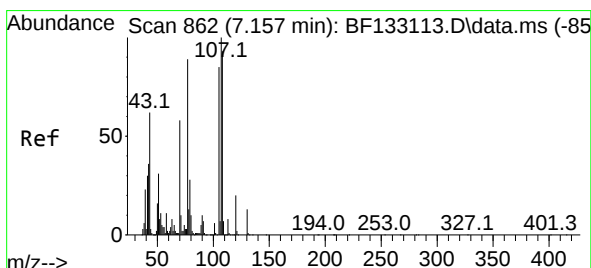
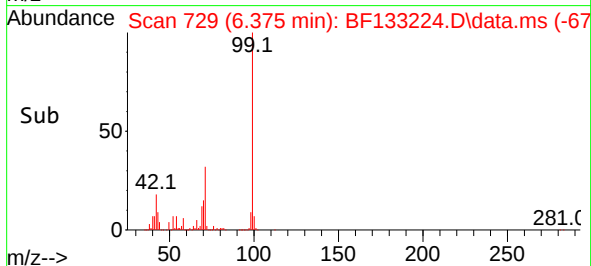
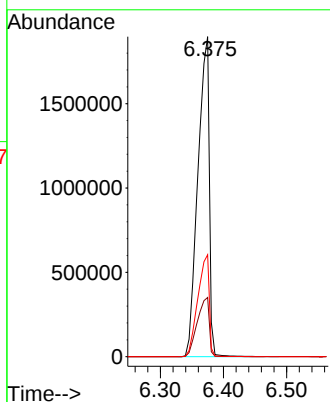
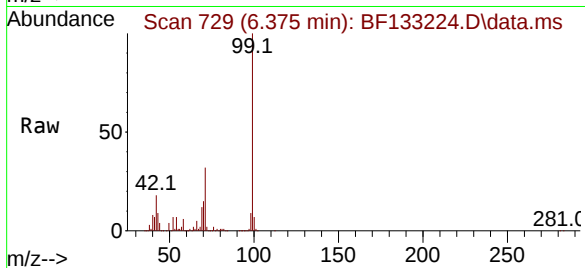
Instrument :

BNA_F

ClientSampleId :

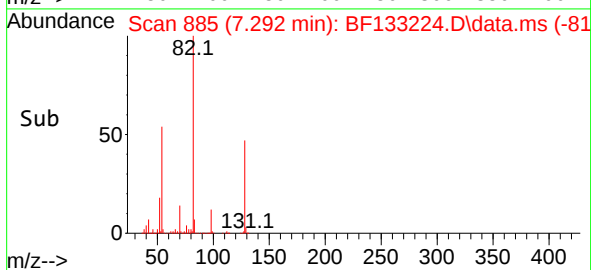
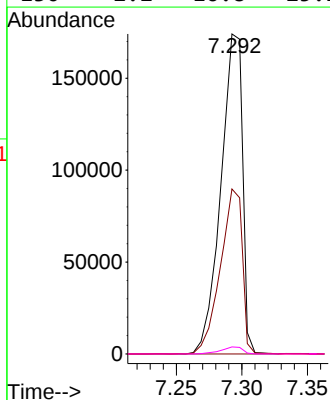
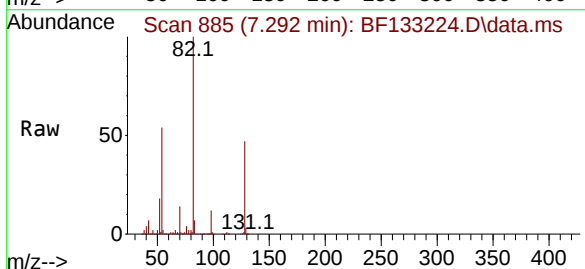
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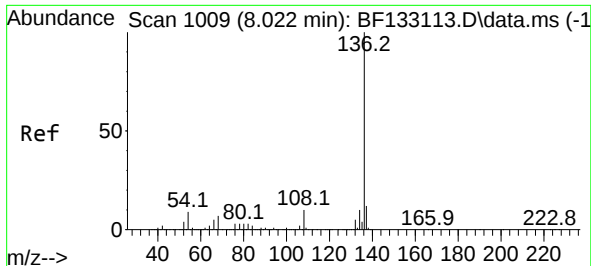
Tgt Ion: 99 Resp: 2371653
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.351 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion: 70 Resp: 199847
Ion Ratio Lower Upper
70 100
42 51.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

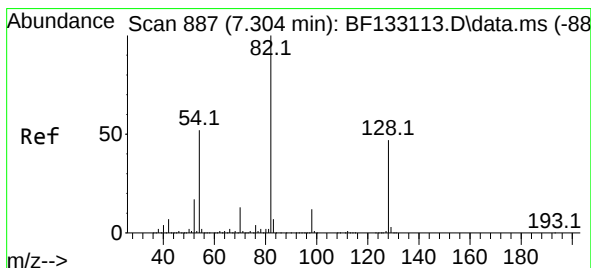
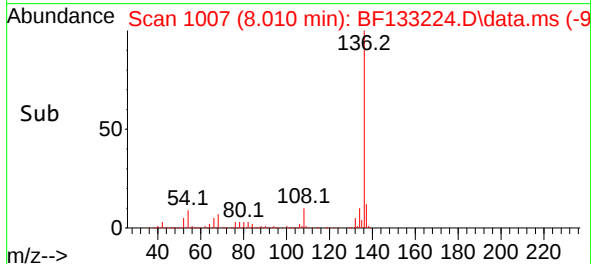
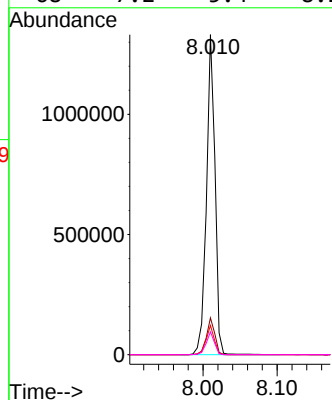
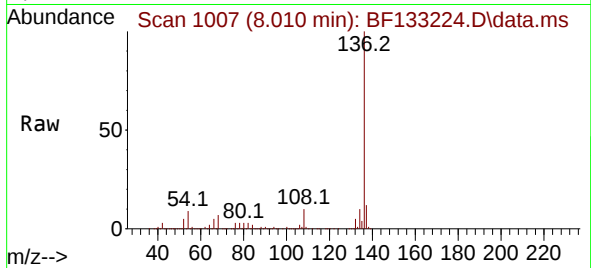




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

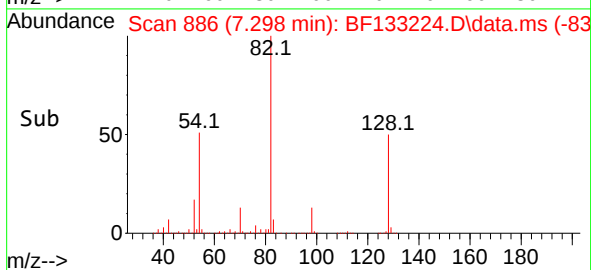
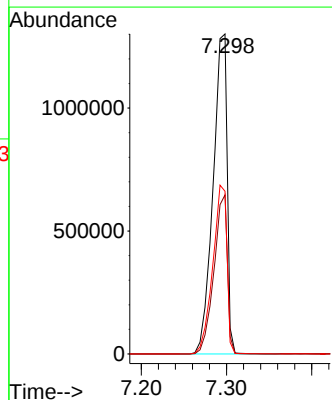
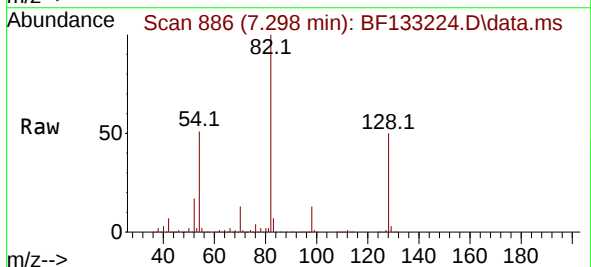
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BNA_F
ClientSampleId :
PB152560BL

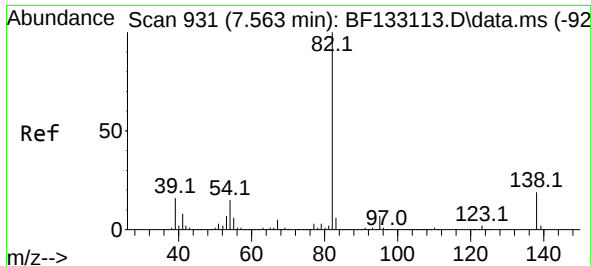
Tgt Ion:136 Resp: 1068444
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.1 7.0 10.4
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.473 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion: 82 Resp: 1493950
Ion Ratio Lower Upper
82 100
128 49.7 37.7 56.5
54 50.9 43.0 64.4

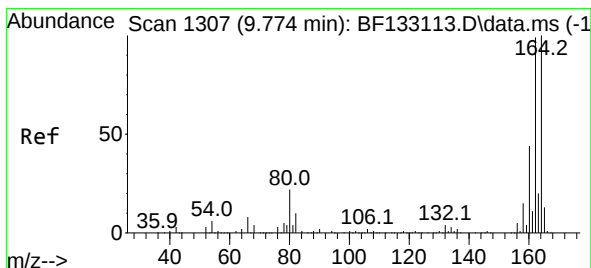
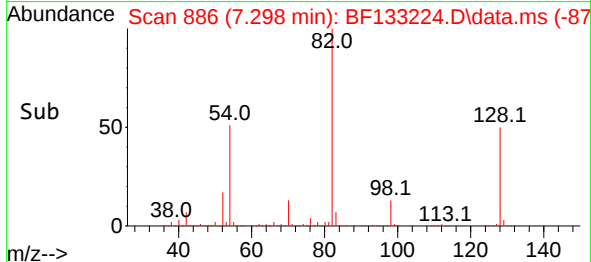
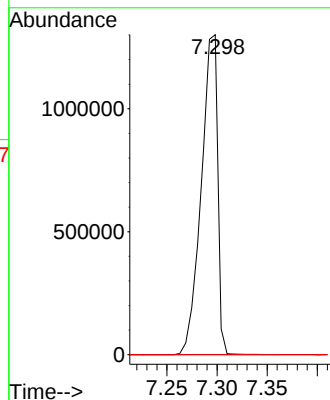
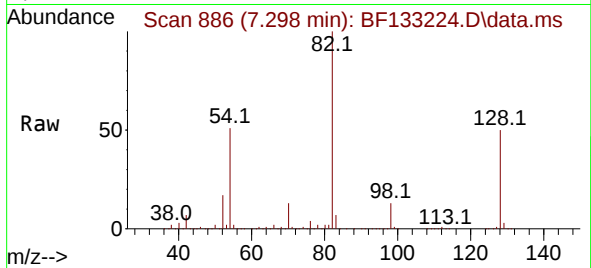




#25
Isophorone
Concen: 39.631 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

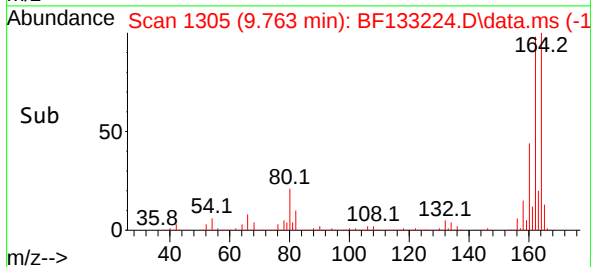
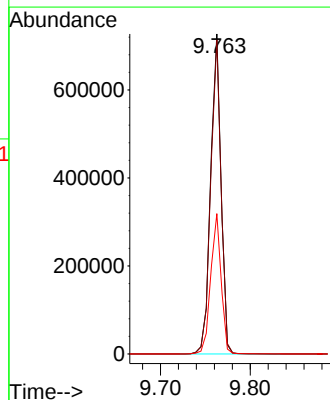
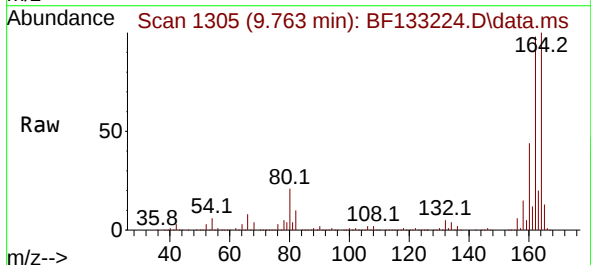
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ClientSampleId :
PB152560BL

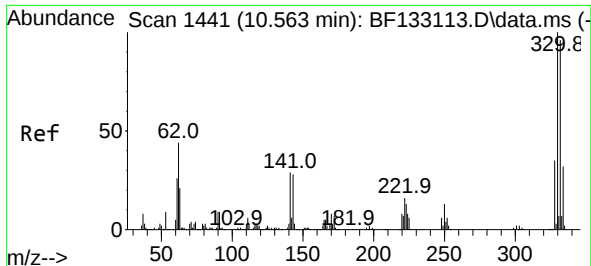
Tgt Ion: 82 Resp: 1489432
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion:164 Resp: 582561
Ion Ratio Lower Upper
164 100
162 98.1 78.7 118.1
160 43.9 35.8 53.6

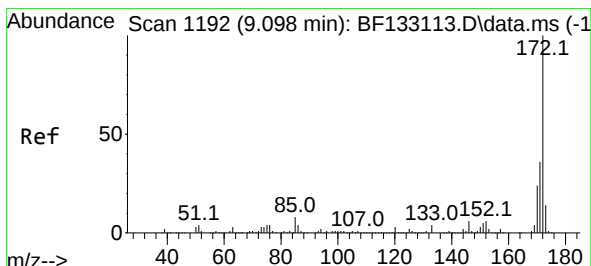
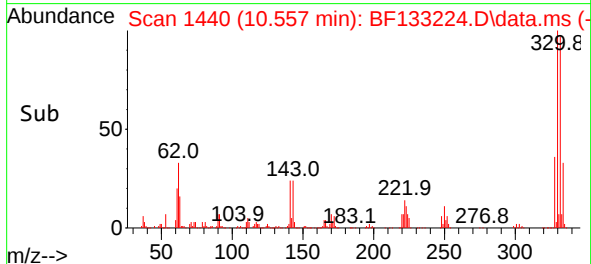
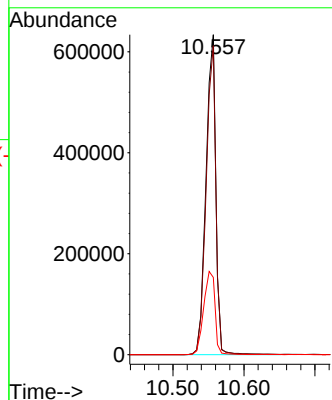
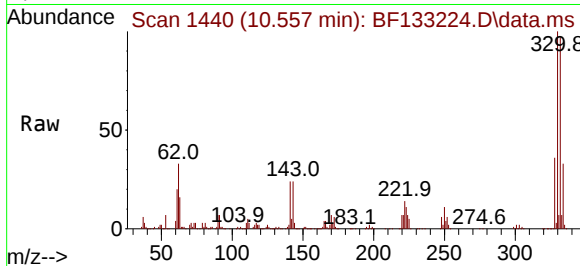




#42
2,4,6-Tribromophenol
Concen: 104.631 ng
RT: 10.557 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

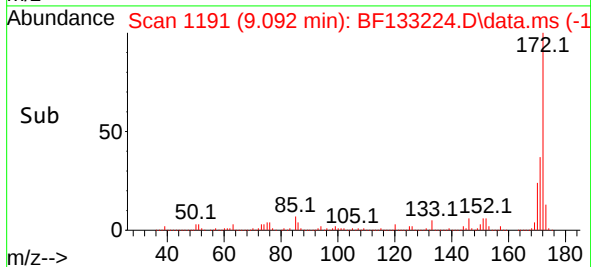
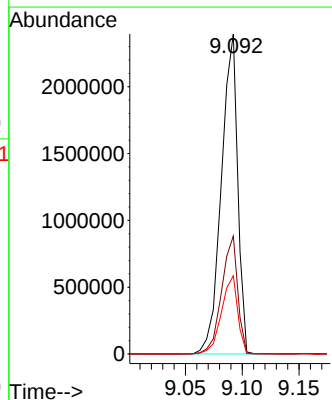
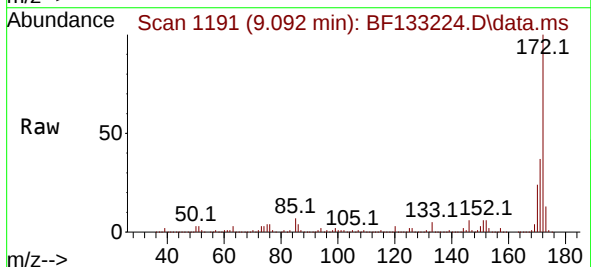
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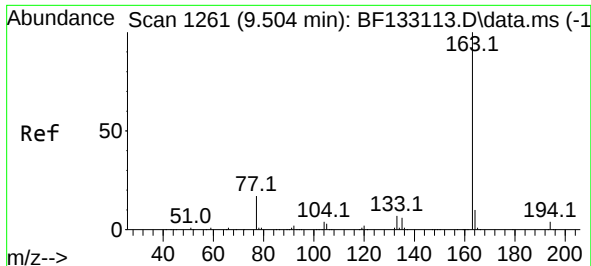
Tgt Ion: 330 Resp: 613008
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 29.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 68.909 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion: 172 Resp: 2399492
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 19.4 29.2

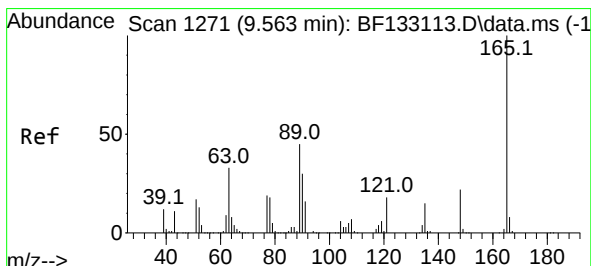
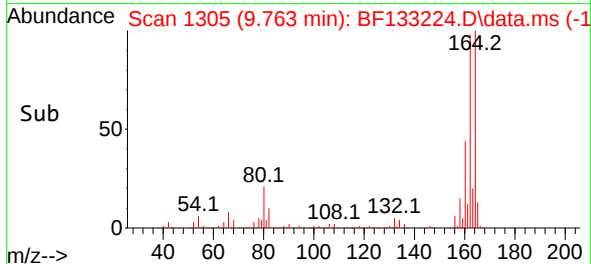
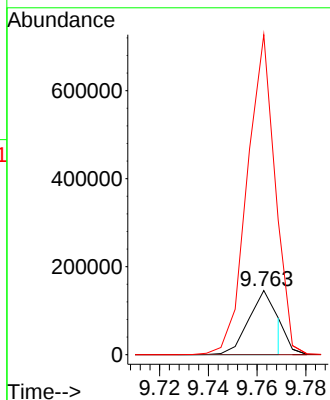
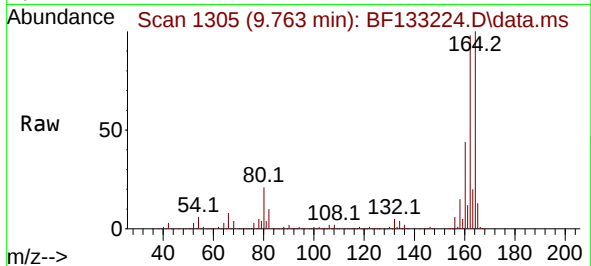




#50
Dimethylphthalate
Concen: 2.913 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

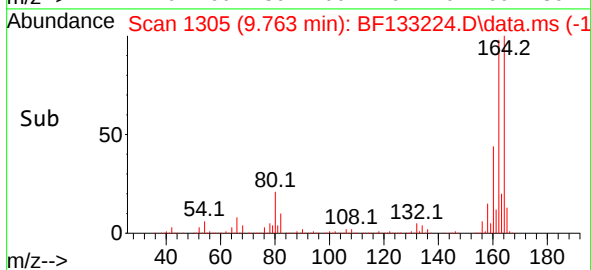
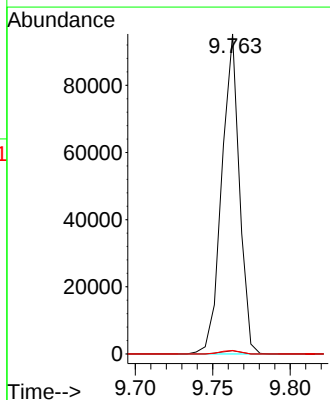
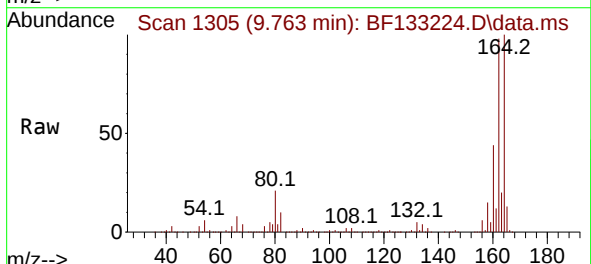
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ClientSampleId :
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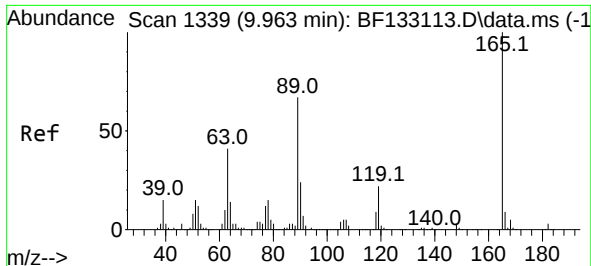
Tgt Ion:163 Resp: 118335
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 498.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.265 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion:165 Resp: 75568
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.1 44.0 66.0#

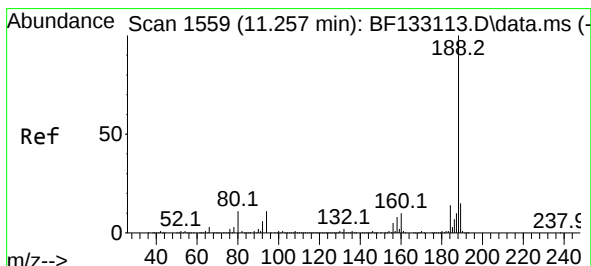
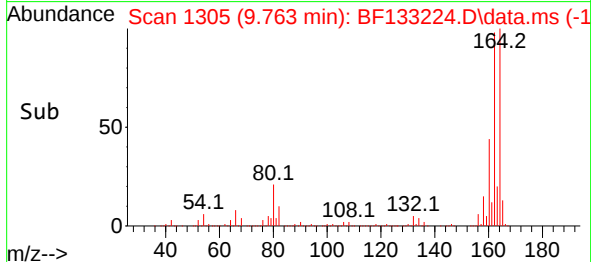
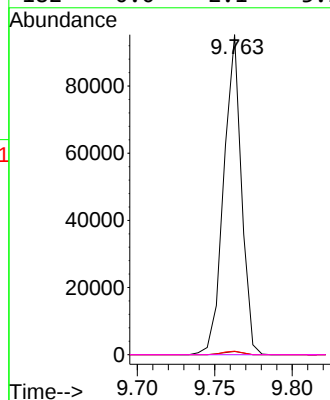
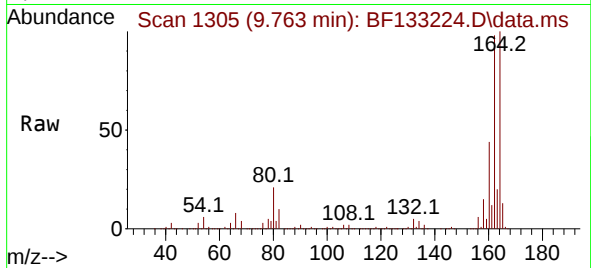




#57
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

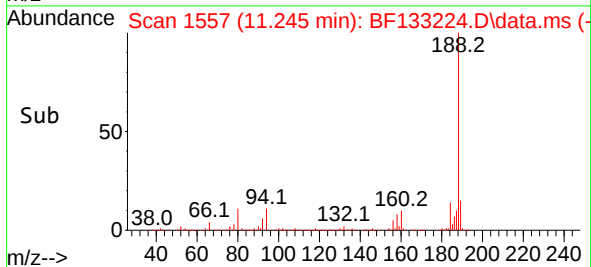
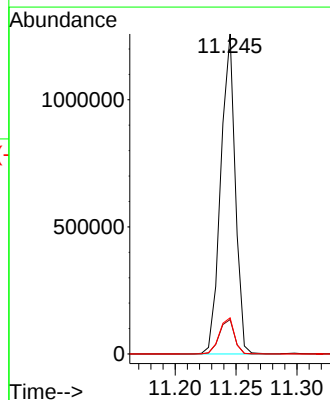
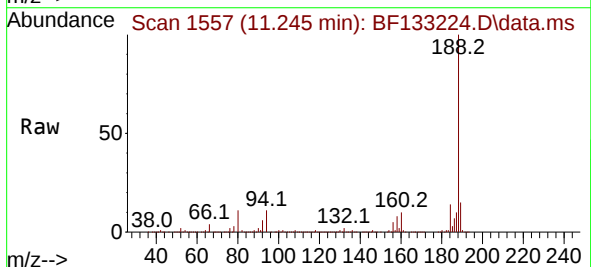
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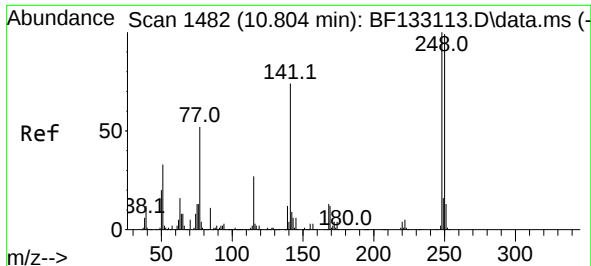
Tgt Ion:165 Resp: 75568
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

Tgt Ion:188 Resp: 1048865
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.3 10.4 15.6

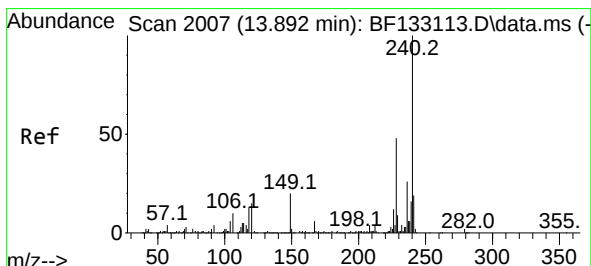
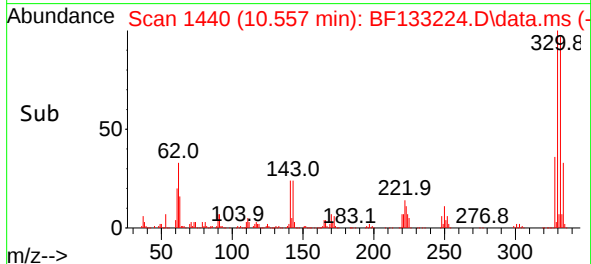
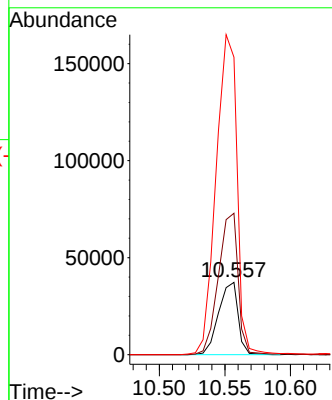
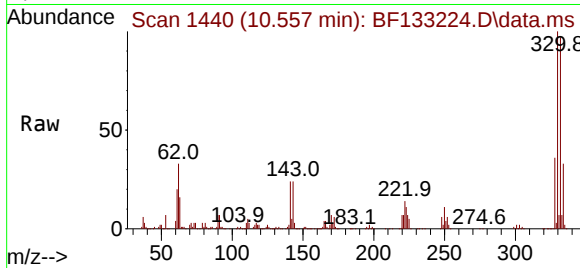




#67
4-Bromophenyl-phenylether
Concen: 3.377 ng
RT: 10.557 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

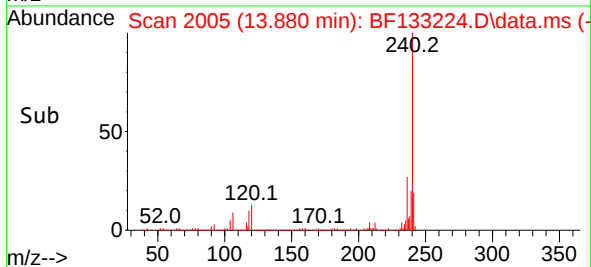
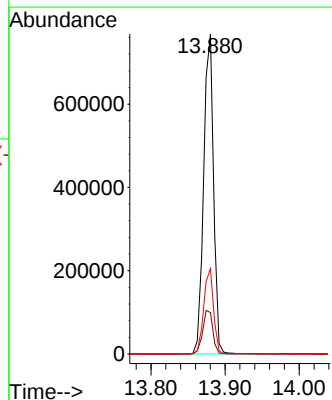
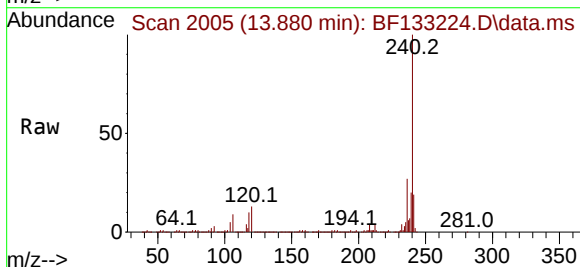
Instrument :
BNA_F
ClientSampleId :
PB152560BL

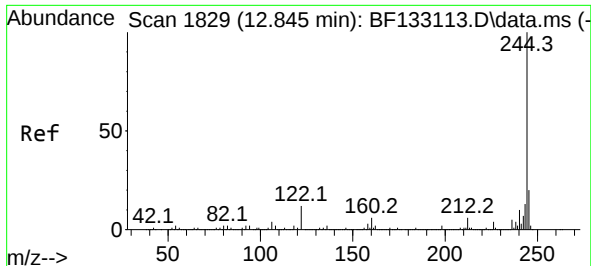
Tgt Ion:248 Resp: 38411
Ion Ratio Lower Upper
248 100
250 195.3 78.7 118.1#
141 410.7 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133224.D
Acq: 04 May 2023 11:07

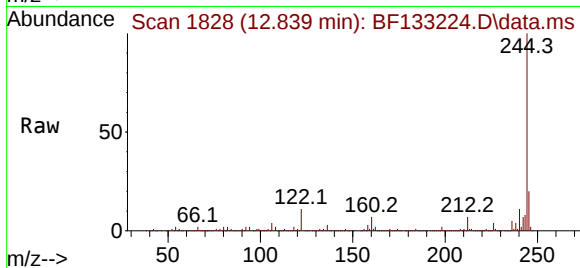
Tgt Ion:240 Resp: 713967
Ion Ratio Lower Upper
240 100
120 12.9 10.5 15.7
236 26.7 21.5 32.3



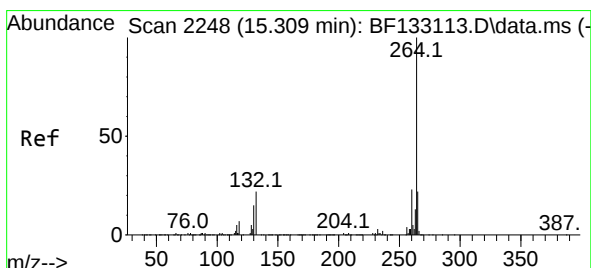
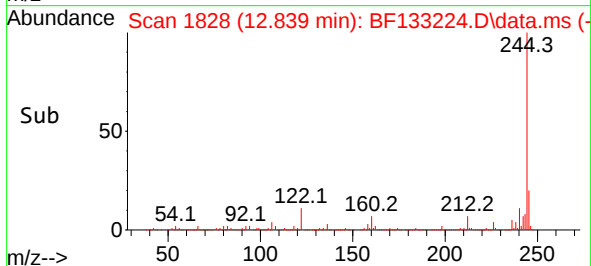
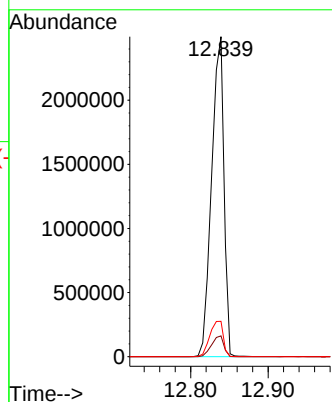


#79
 Terphenyl-d14
 Concen: 66.755 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.006 min
 Lab File: BF133224.D
 Acq: 04 May 2023 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB152560BL



Tgt Ion:244 Resp: 2763497
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF133224.D
 Acq: 04 May 2023 11:07

Tgt Ion:264 Resp: 602354
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.7 17.0 25.4

