

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133164.D
 Acq On : 01 May 2023 19:40
 Operator : CG\JU
 Sample : 02558-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01

Quant Time: May 02 05:21:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

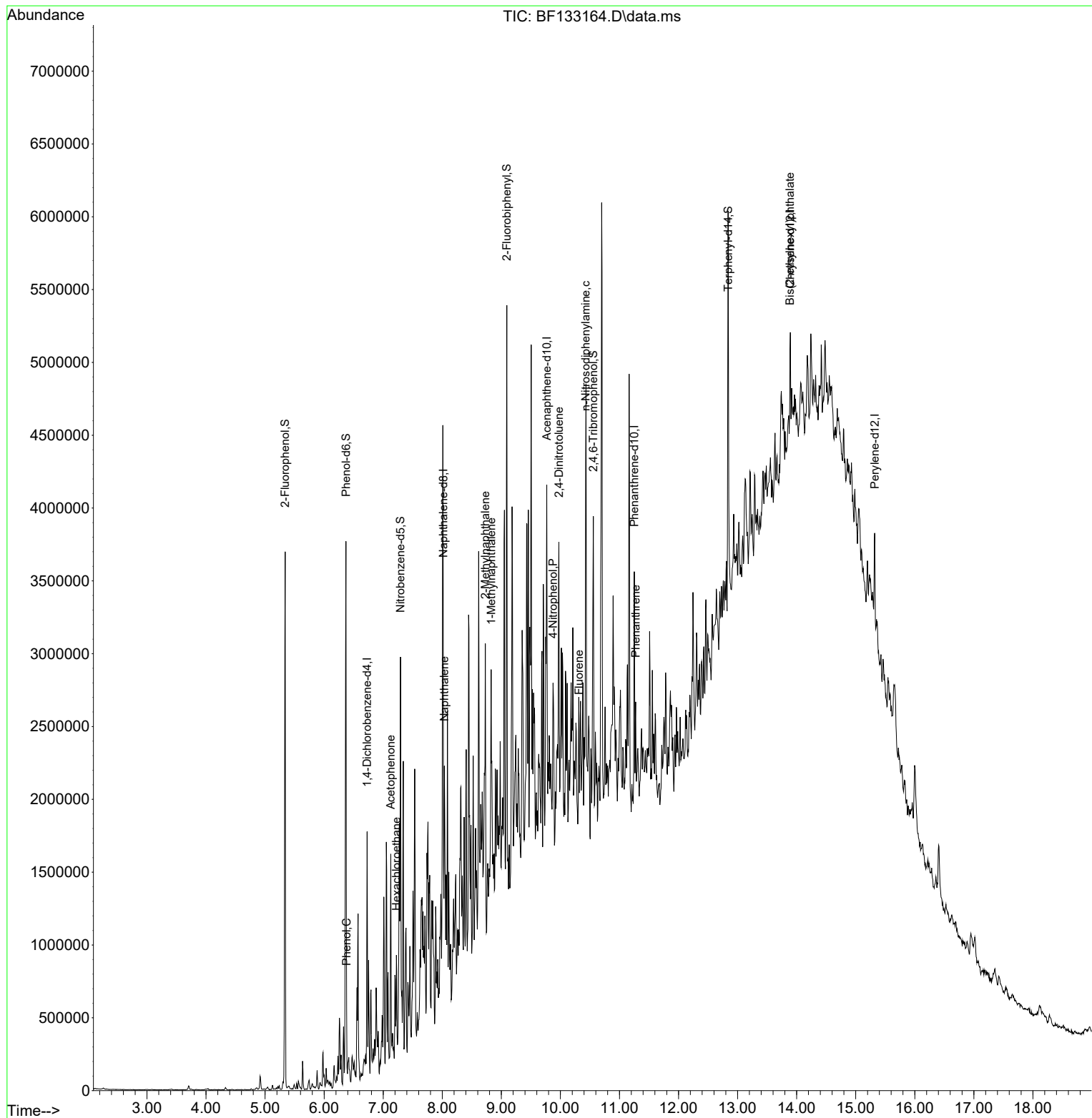
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	193104	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	726312	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	372035	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	613877	20.000	ng	0.00
76) Chrysene-d12	13.892	240	316645	20.000	ng	0.00
86) Perylene-d12	15.321	264	387365	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1028607	80.466	ng	0.00
7) Phenol-d6	6.369	99	1244305	78.423	ng	0.00
23) Nitrobenzene-d5	7.293	82	731469	54.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	271377	72.531	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1185859	53.327	ng	0.00
79) Terphenyl-d14	12.839	244	911818	49.664	ng	0.00
Target Compounds						
9) Benzaldehyde	6.287	77	4864	Below Cal	Qvalue	# 1
10) Phenol	6.381	94	99630	5.692 ng		95
18) Hexachloroethane	7.222	117	16662	3.465 ng	#	1
22) Acetophenone	7.128	105	144793	8.606 ng	#	47
31) Naphthalene	8.034	128	306586	8.443 ng	#	96
37) 2-Methylnaphthalene	8.728	142	503368	20.275 ng		99
38) 1-Methylnaphthalene	8.828	142	333262	14.349 ng		97
56) 4-Nitrophenol	9.875	139	27536	5.121 ng	#	36
57) 2,4-Dinitrotoluene	9.975	165	17559	2.358 ng	#	61
58) Fluorene	10.316	166	75588	3.273 ng	#	88
66) n-Nitrosodiphenylamine	10.428	169	131386	6.598 ng	#	55
71) Phenanthrene	11.275	178	193835	5.875 ng	#	92
84) Bis(2-ethylhexyl)phtha...	13.886	149	26314	2.181 ng	#	77

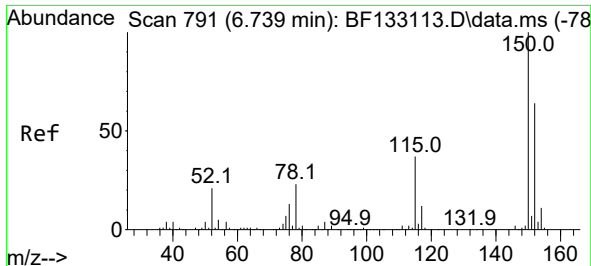
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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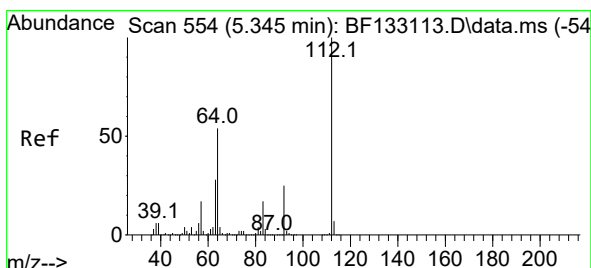
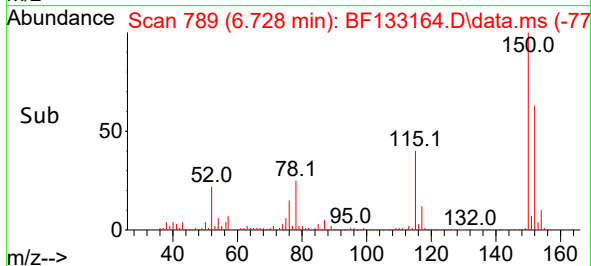
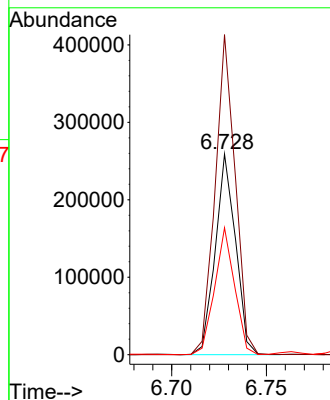
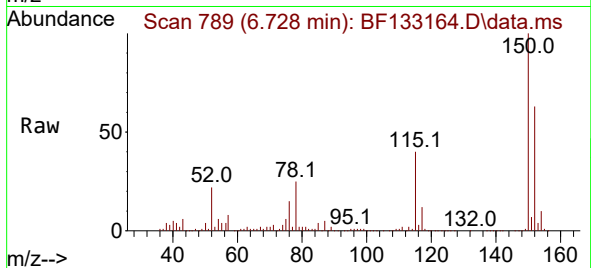




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

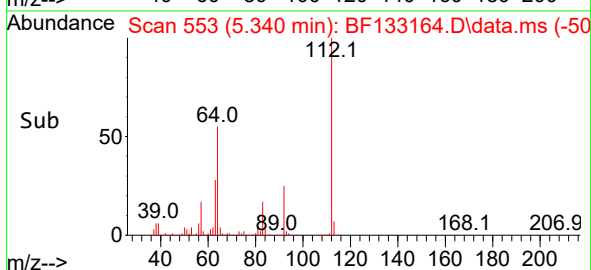
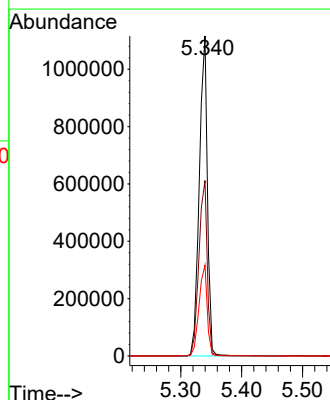
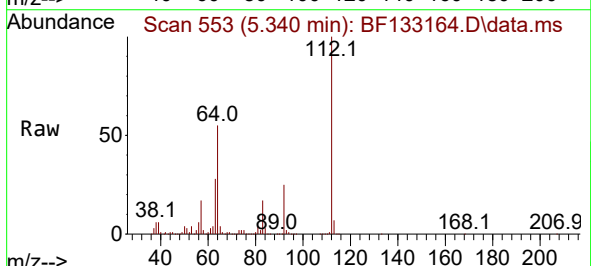
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BNA_F
ClientSampleId :
P001-SS011-0006-01

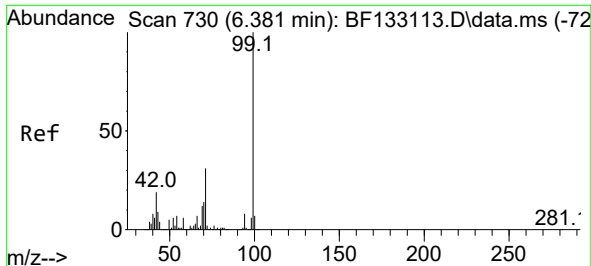
Tgt Ion:152 Resp: 193104
Ion Ratio Lower Upper
152 100
150 159.5 124.8 187.2
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 80.466 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion:112 Resp: 1028607
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.4 23.8 35.8

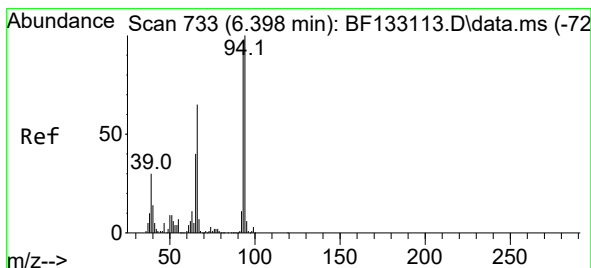
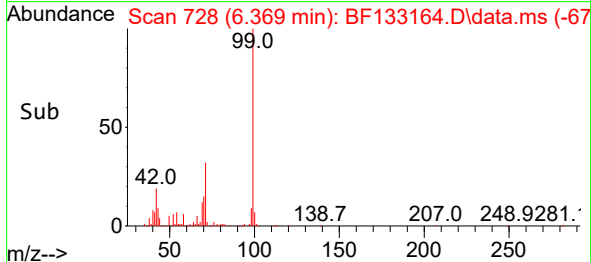
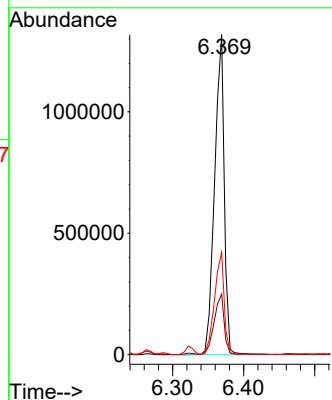
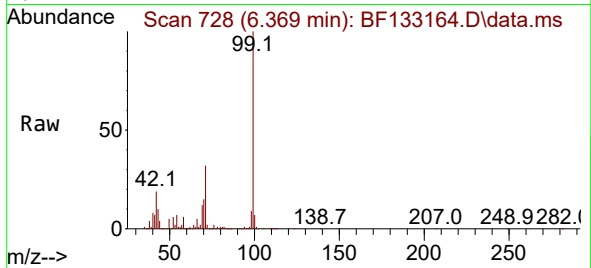




#7
Phenol-d6
Concen: 78.423 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

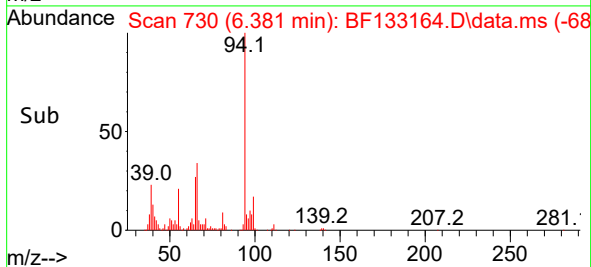
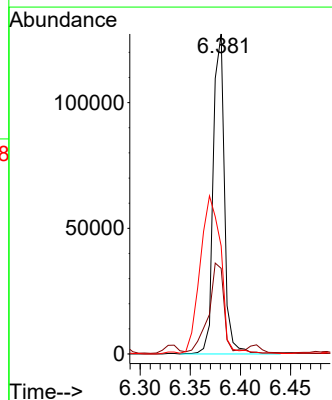
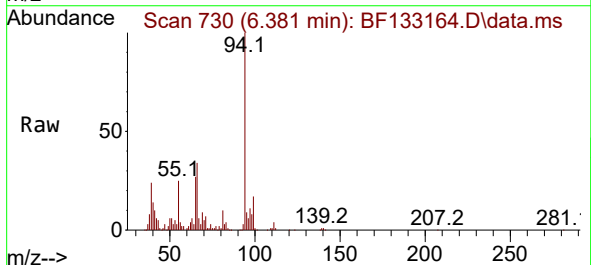
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BNA_F
ClientSampleId :
P001-SS011-0006-01

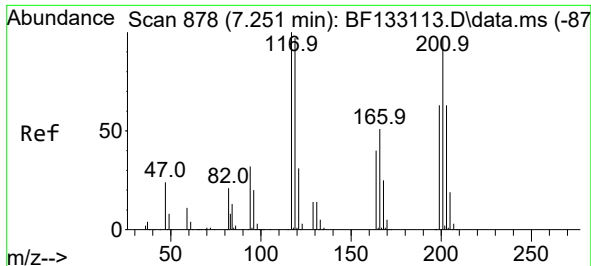
Tgt Ion: 99 Resp: 1244305
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.9 25.6 38.4



#10
Phenol
Concen: 5.692 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion: 94 Resp: 99630
Ion Ratio Lower Upper
94 100
65 26.7 8.6 48.6
66 33.8 17.3 57.3

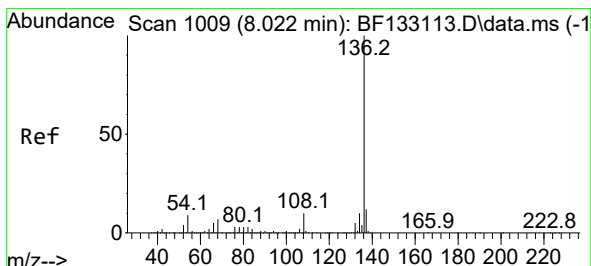
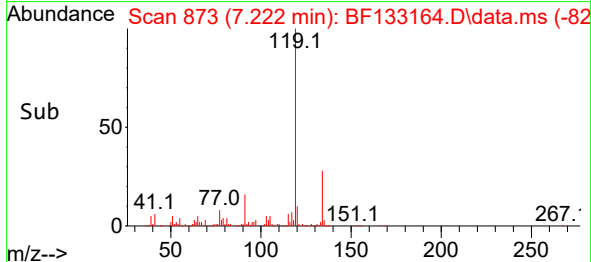
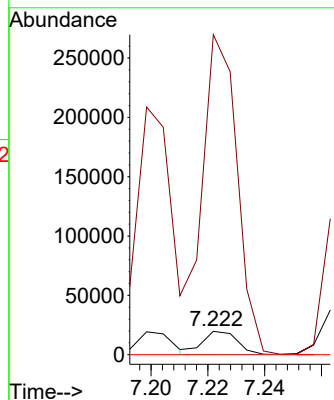
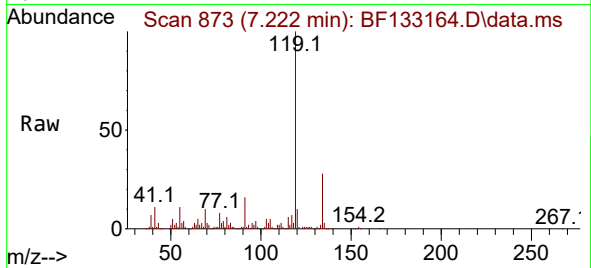




#18
Hexachloroethane
Concen: 3.465 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

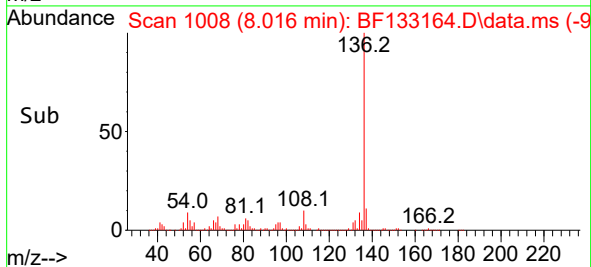
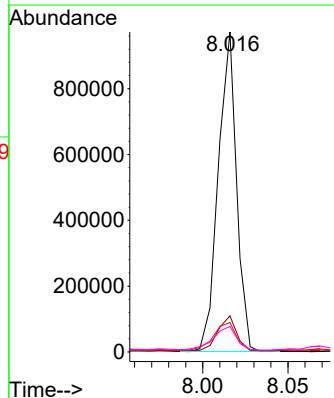
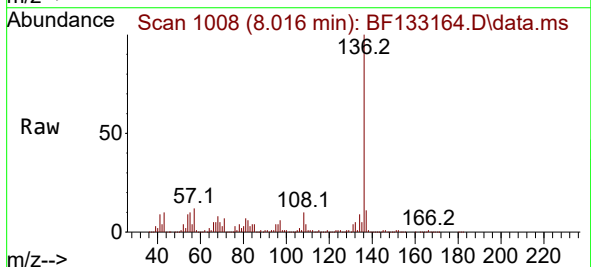
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

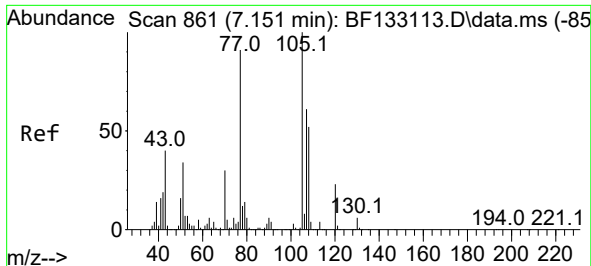
Tgt Ion:117 Resp: 16662
Ion Ratio Lower Upper
117 100
119 1367.1 78.2 117.4#
201 0.0 81.7 122.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion:136 Resp: 726312
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.2 7.0 10.4
68 8.0 5.4 8.2

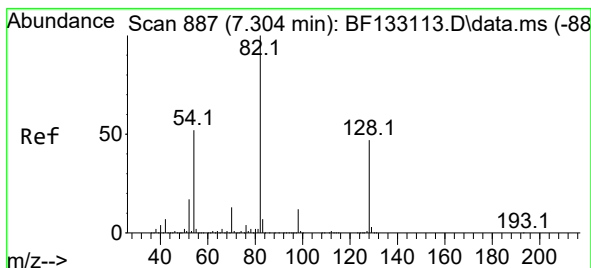
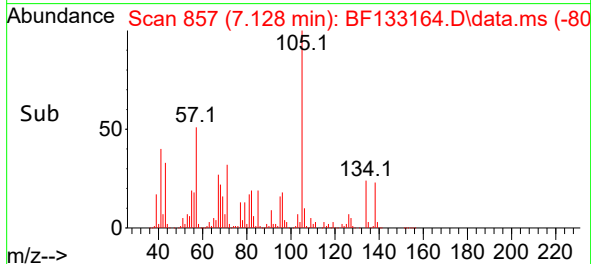
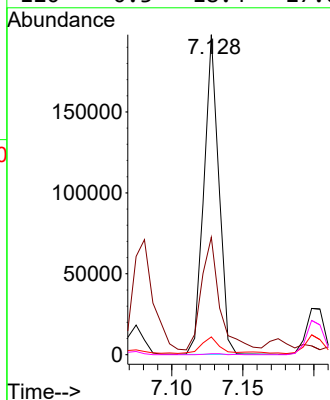
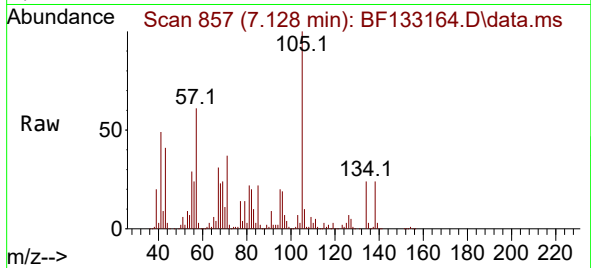




#22
Acetophenone
Concen: 8.606 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.017 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

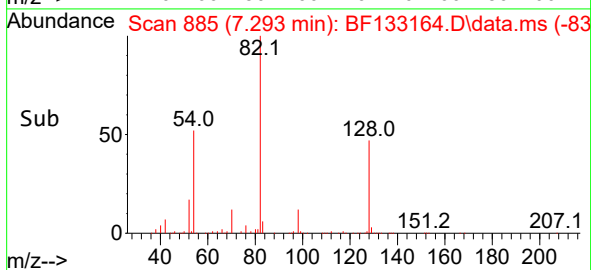
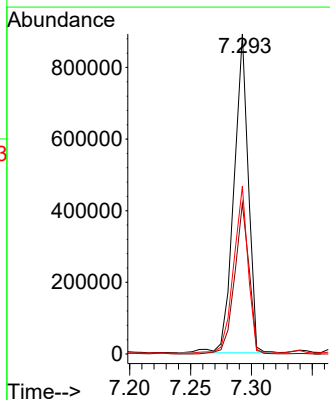
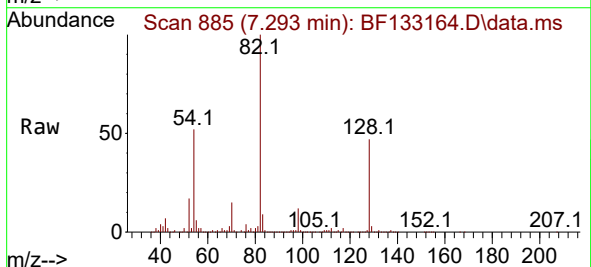
Instrument :
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ClientSampleId :
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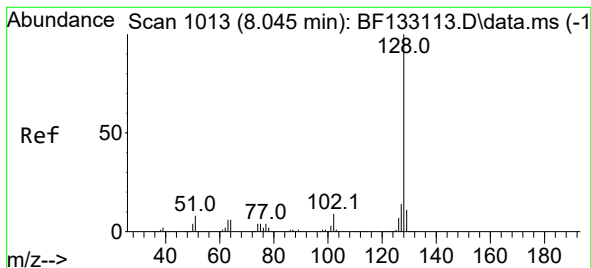
Tgt Ion:105 Resp: 144793
Ion Ratio Lower Upper
105 100
71 36.7 4.6 7.0#
51 5.6 28.2 42.2#
120 0.3 18.4 27.6#



#23
Nitrobenzene-d5
Concen: 54.360 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion: 82 Resp: 731469
Ion Ratio Lower Upper
82 100
128 47.0 37.7 56.5
54 52.4 43.0 64.4





#31

Naphthalene

Concen: 8.443 ng

RT: 8.034 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF133164.D

Acq: 01 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

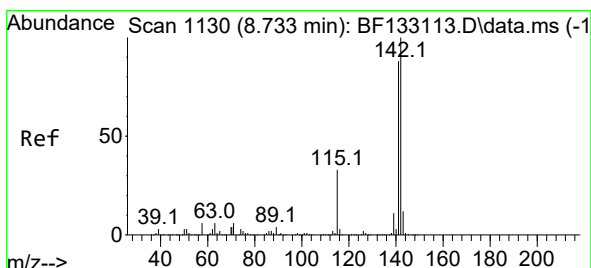
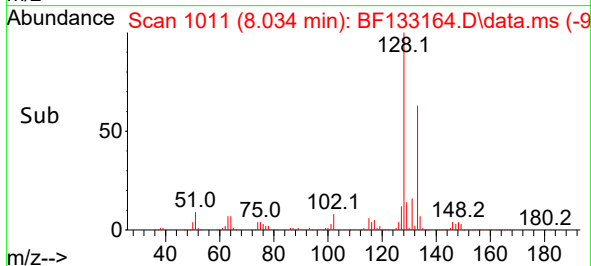
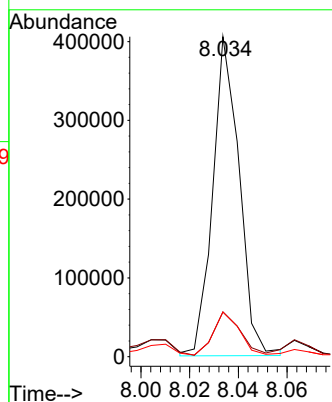
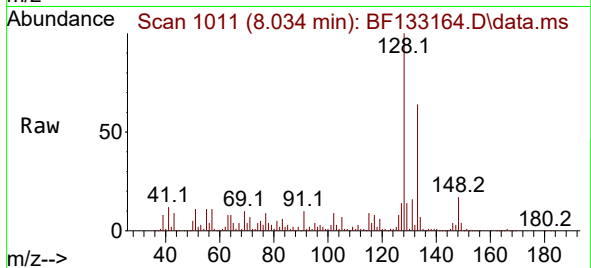
Tgt Ion:128 Resp: 306586

Ion Ratio Lower Upper

128 100

129 14.0 8.8 13.2#

127 14.0 10.7 16.1



#37

2-Methylnaphthalene

Concen: 20.275 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF133164.D

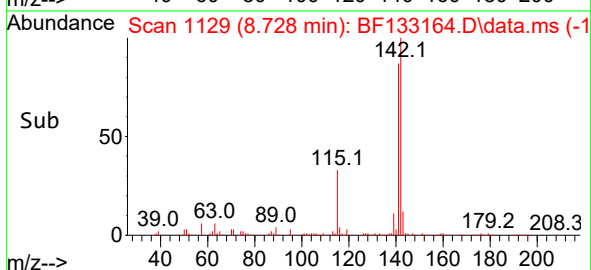
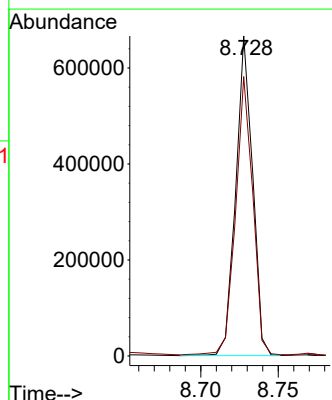
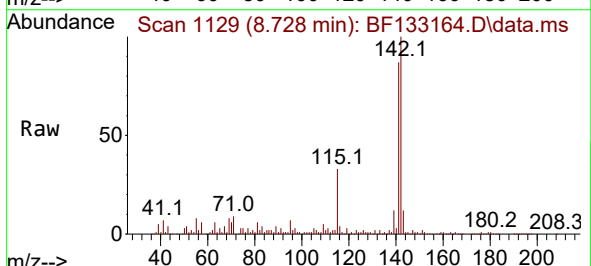
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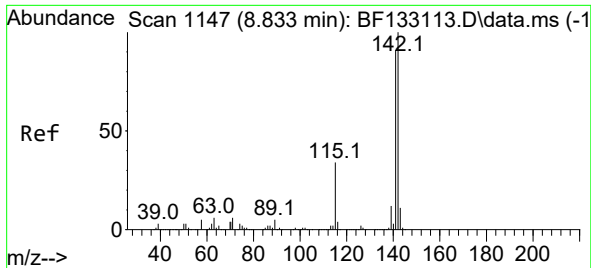
Tgt Ion:142 Resp: 503368

Ion Ratio Lower Upper

142 100

141 87.3 69.4 104.0

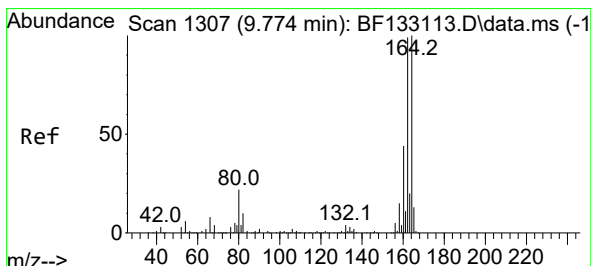
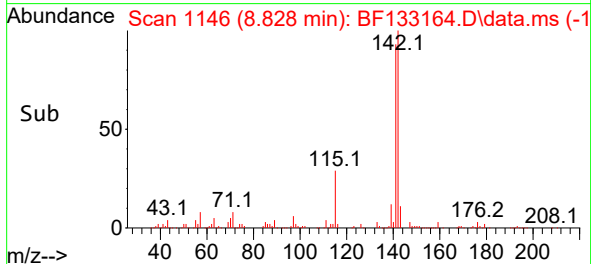
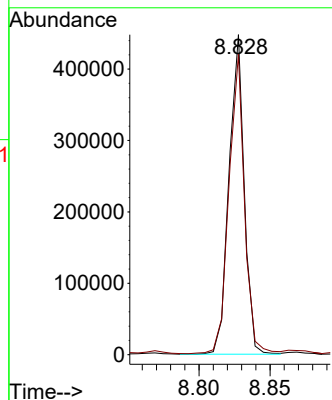
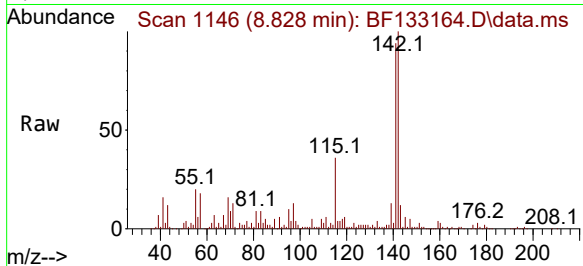




#38
1-Methylnaphthalene
Concen: 14.349 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

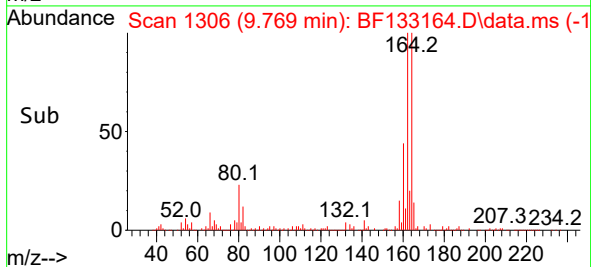
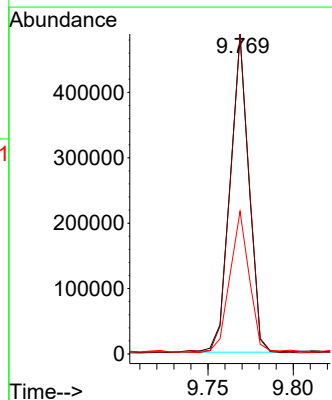
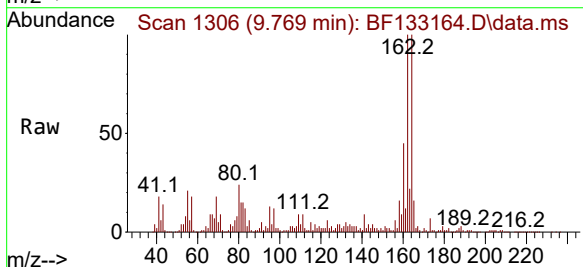
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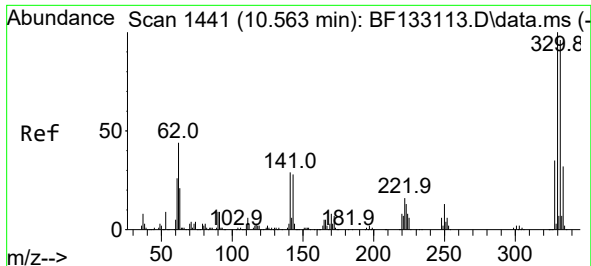
Tgt Ion:142 Resp: 333262
Ion Ratio Lower Upper
142 100
141 94.0 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion:164 Resp: 372035
Ion Ratio Lower Upper
164 100
162 100.4 78.7 118.1
160 44.8 35.8 53.6

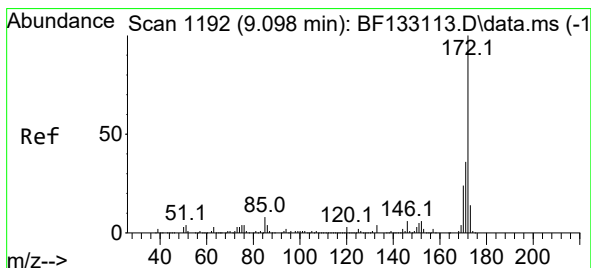
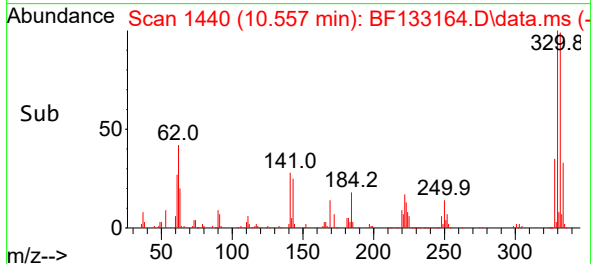
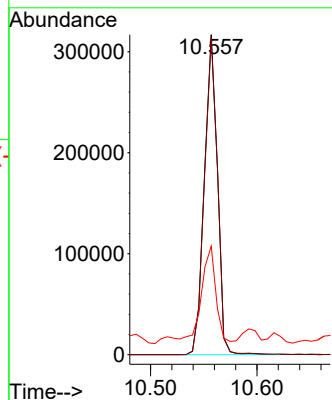
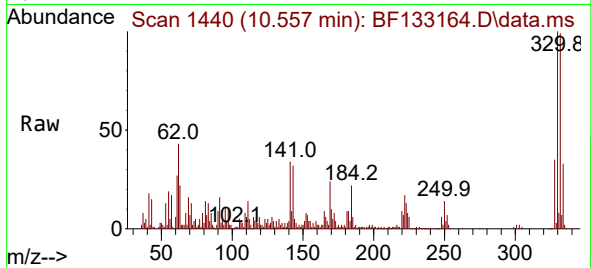




#42
2,4,6-Tribromophenol
Concen: 72.531 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

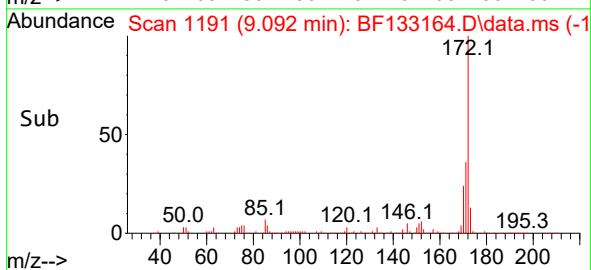
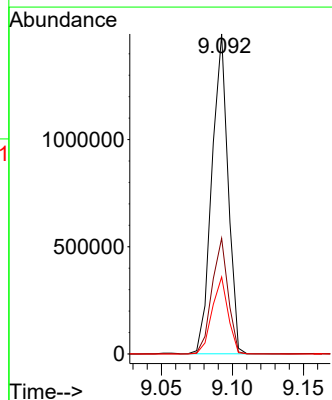
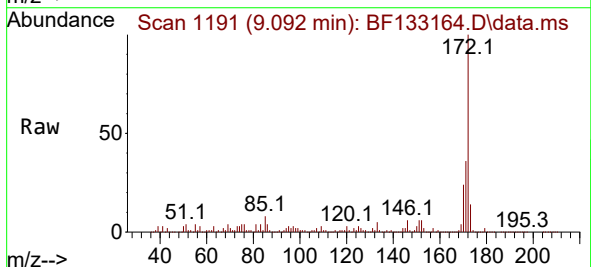
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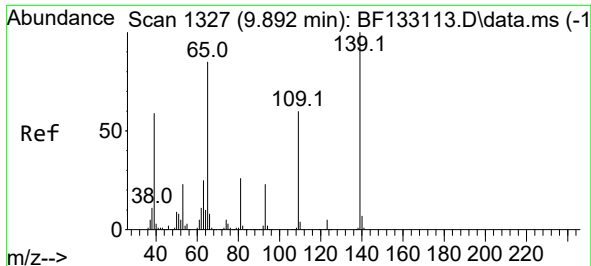
Tgt Ion: 330 Resp: 271377
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 31.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 53.327 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion: 172 Resp: 1185859
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.4 29.2

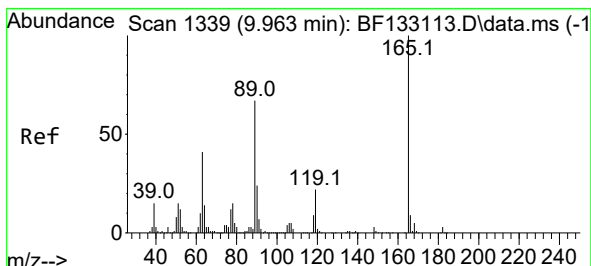
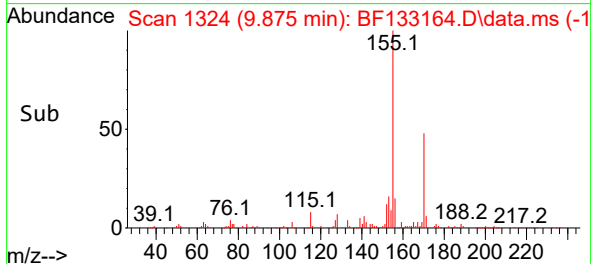
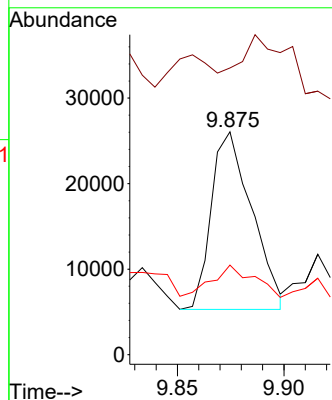
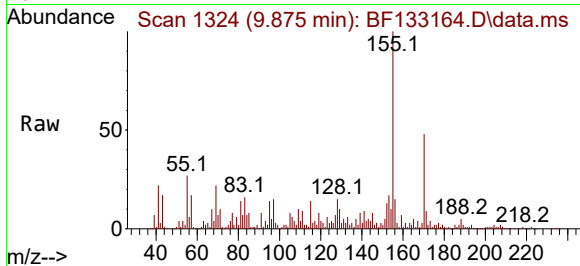




#56
4-Nitrophenol
Concen: 5.121 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

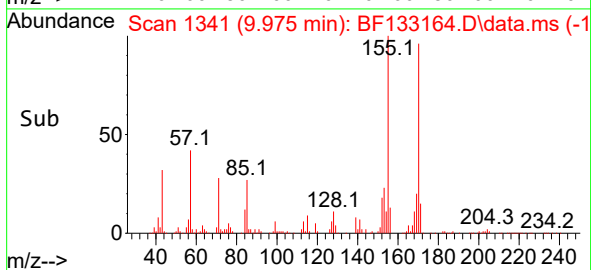
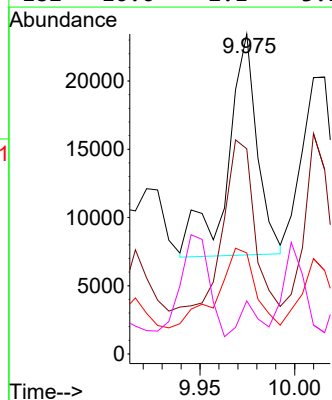
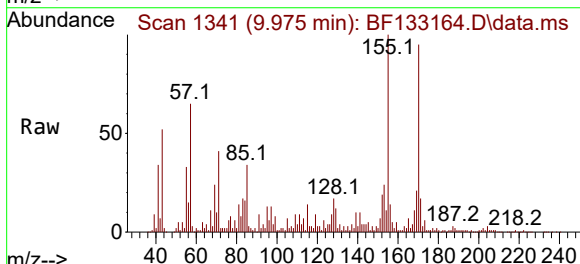
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

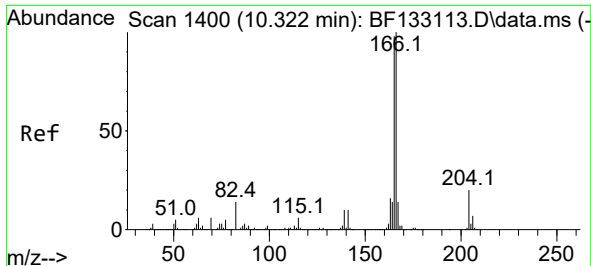
Tgt Ion:139 Resp: 27536
Ion Ratio Lower Upper
139 100
109 128.7 39.4 79.4#
65 40.2 57.5 97.5#



#57
2,4-Dinitrotoluene
Concen: 2.358 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion:165 Resp: 17559
Ion Ratio Lower Upper
165 100
63 64.1 37.7 56.5#
89 31.6 57.0 85.4#
182 16.6 2.1 3.1#

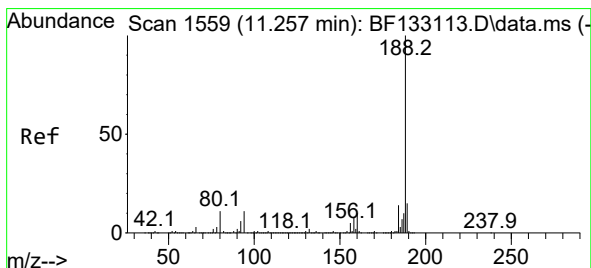
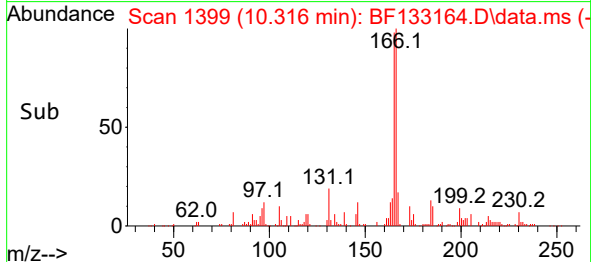
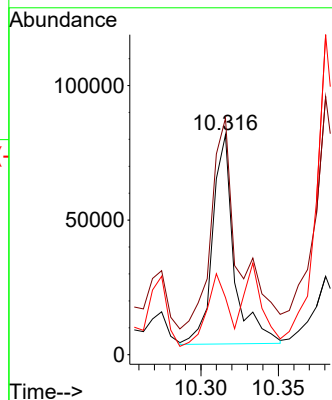
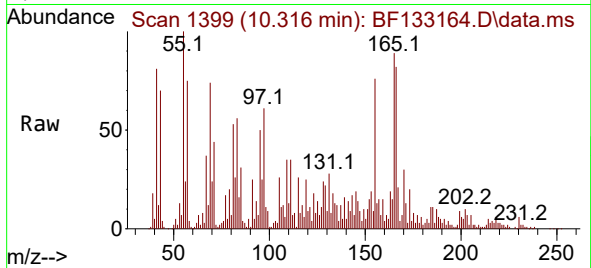




#58
Fluorene
Concen: 3.273 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

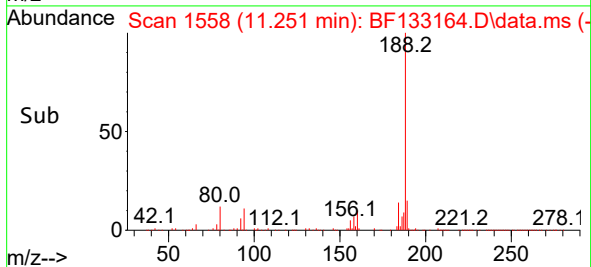
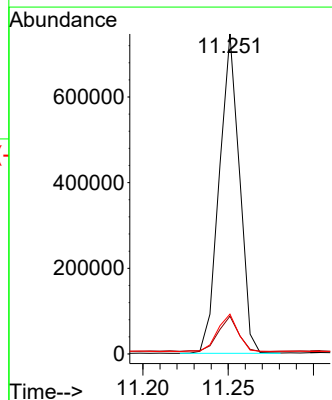
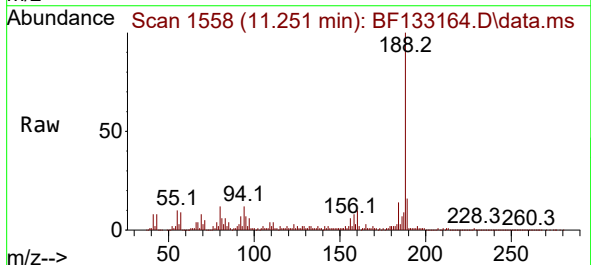
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

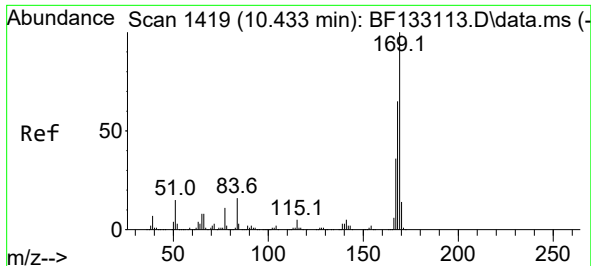
Tgt Ion:166 Resp: 75588
Ion Ratio Lower Upper
166 100
165 107.5 78.6 117.8
167 25.9 11.0 16.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion:188 Resp: 613877
Ion Ratio Lower Upper
188 100
94 11.8 9.7 14.5
80 12.5 10.4 15.6

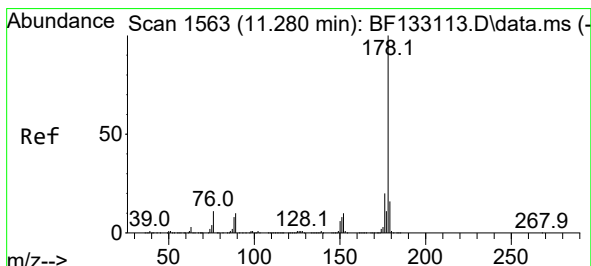
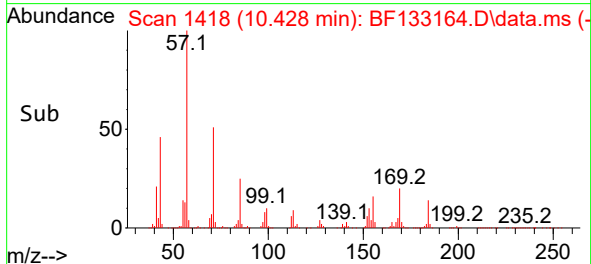
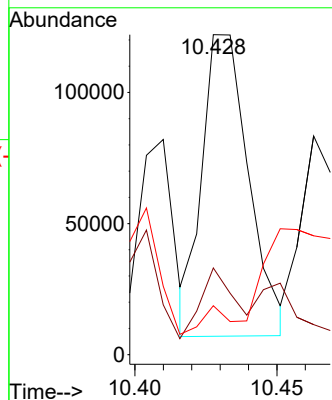
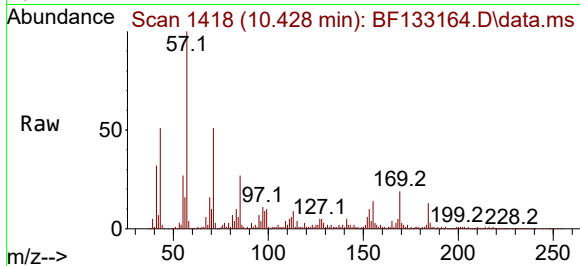




#66
n-Nitrosodiphenylamine
Concen: 6.598 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

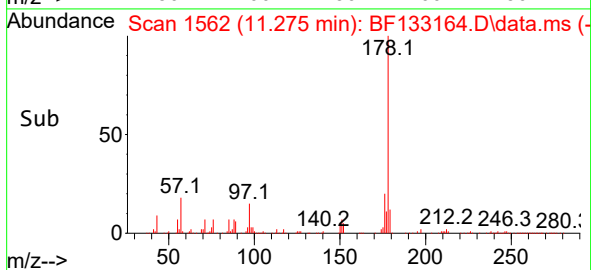
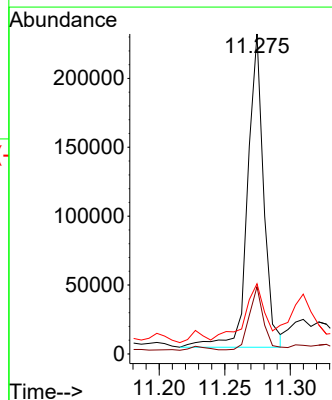
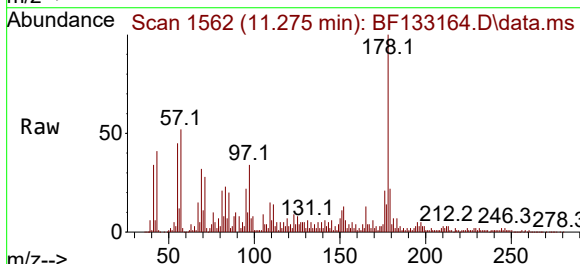
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

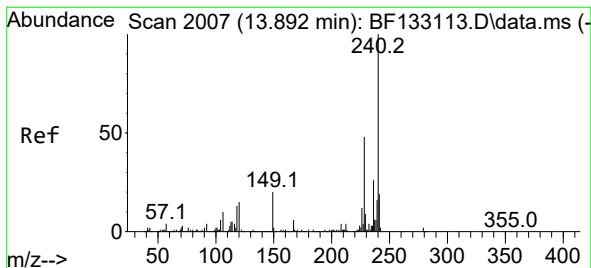
Tgt Ion:169 Resp: 131386
Ion Ratio Lower Upper
169 100
168 27.1 53.8 80.8#
167 15.3 29.7 44.5#



#71
Phenanthrene
Concen: 5.875 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF133164.D
Acq: 01 May 2023 19:40

Tgt Ion:178 Resp: 193835
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 22.0 12.5 18.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF133164.D

Acq: 01 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

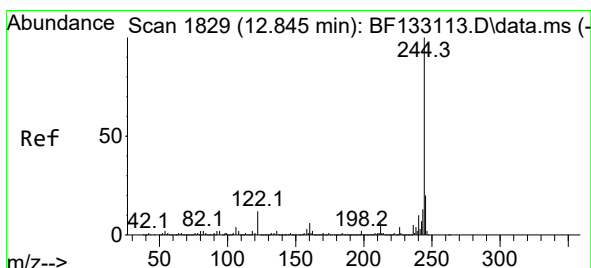
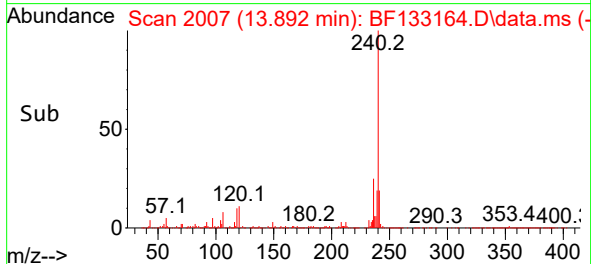
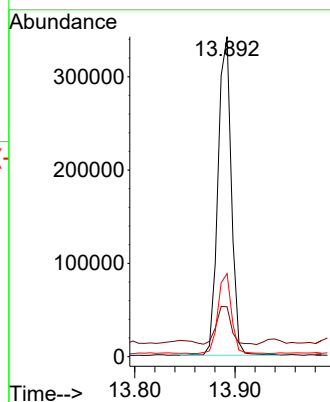
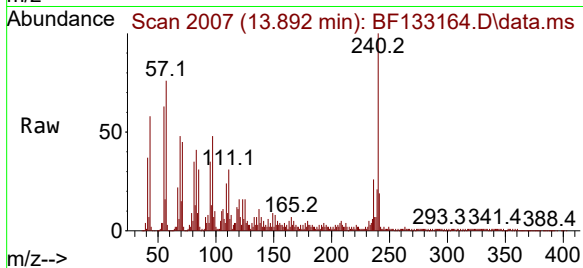
Tgt Ion:240 Resp: 316645

Ion Ratio Lower Upper

240 100

120 15.6 10.5 15.7

236 25.9 21.5 32.3



#79

Terphenyl-d14

Concen: 49.664 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133164.D

Acq: 01 May 2023 19:40

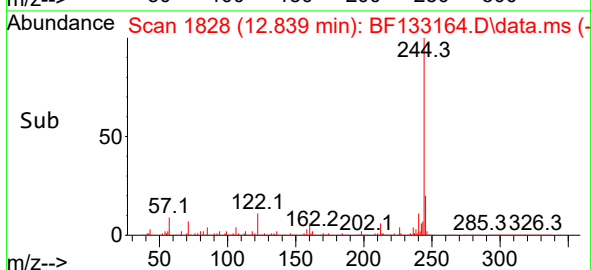
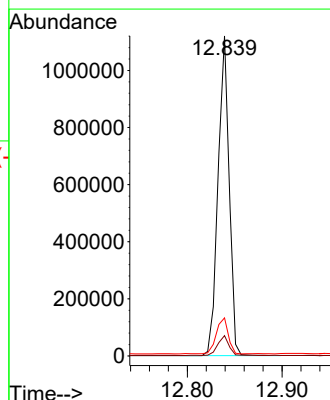
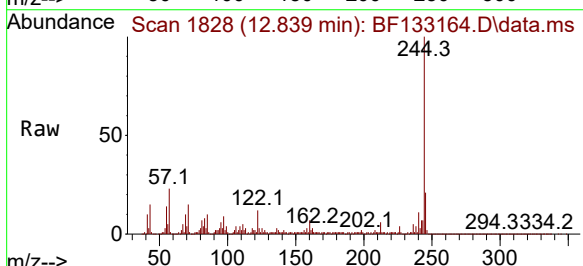
Tgt Ion:244 Resp: 911818

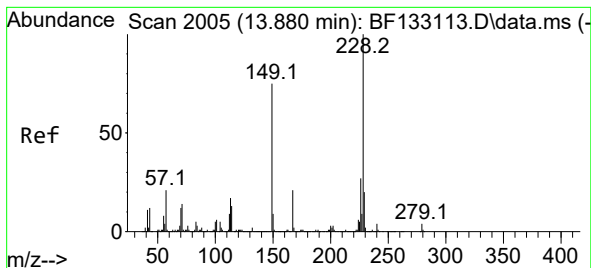
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.9 8.6 13.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.181 ng

RT: 13.886 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF133164.D

Acq: 01 May 2023 19:40

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

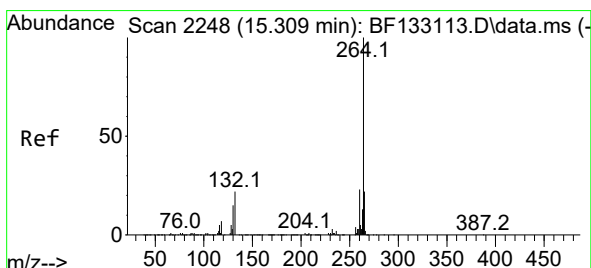
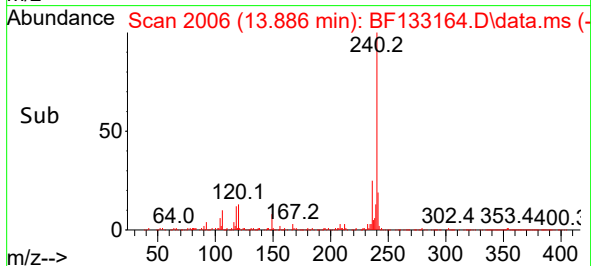
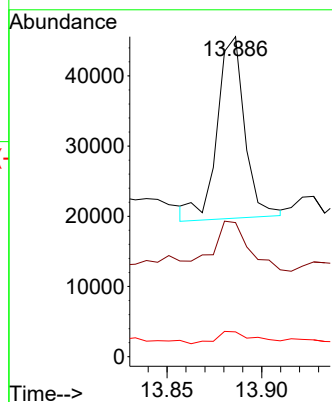
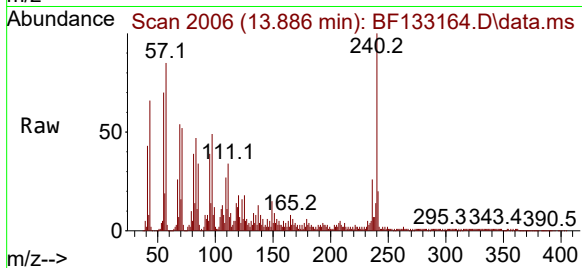
Tgt Ion:149 Resp: 26314

Ion Ratio Lower Upper

149 100

167 41.9 22.5 33.7#

279 7.8 4.2 6.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.018 min

Lab File: BF133164.D

Acq: 01 May 2023 19:40

Tgt Ion:264 Resp: 387365

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.7 17.0 25.4

