

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133999.D
 Acq On : 27 Jun 2023 19:36
 Operator : CG\JU
 Sample : 03402-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0623

Quant Time: Jun 28 01:30:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

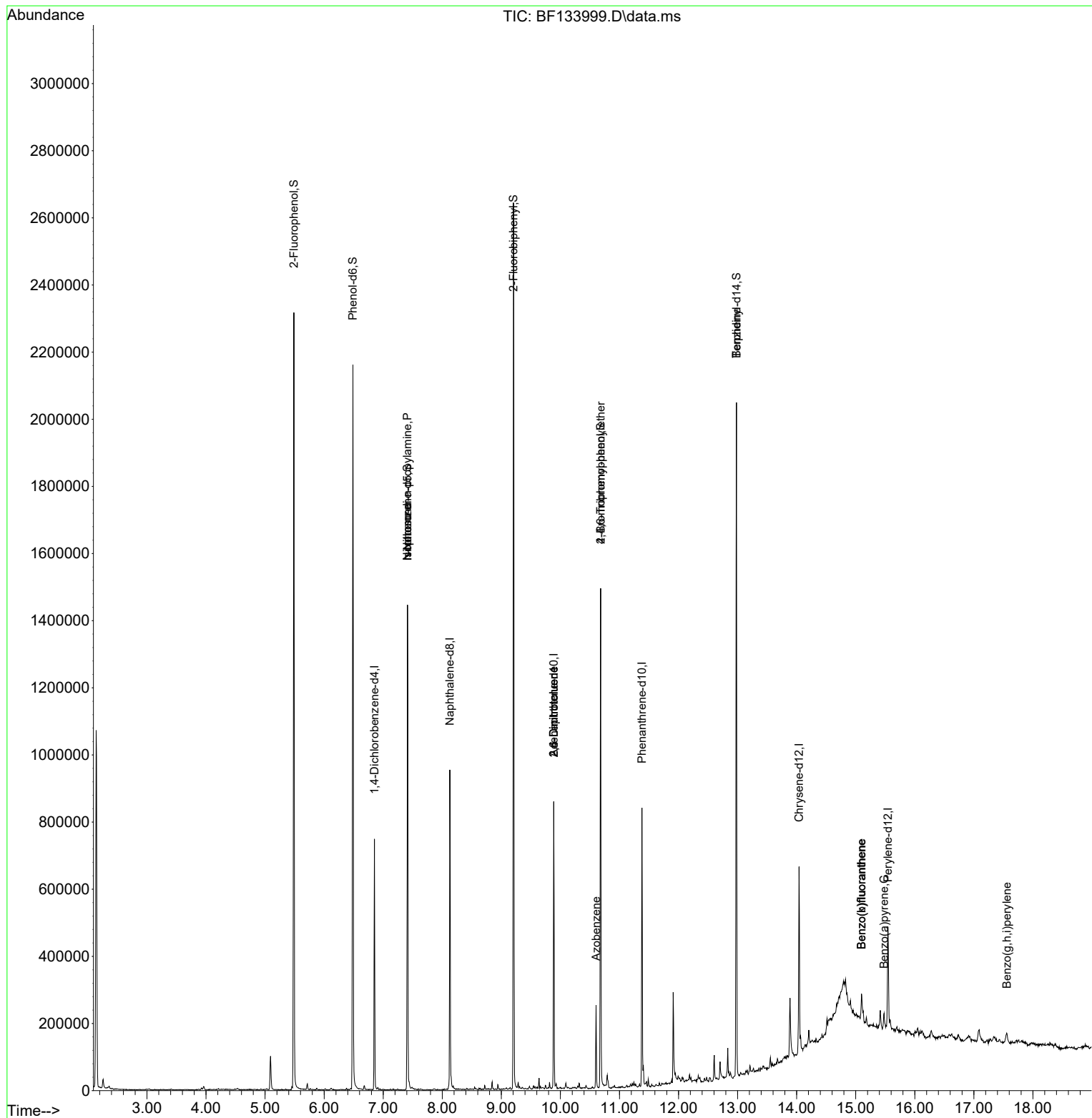
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	98131	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	391063	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	153152	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	281898	20.000	ng	0.00
76) Chrysene-d12	14.039	240	174948	20.000	ng	0.00
86) Perylene-d12	15.545	264	145698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	559190	95.321	ng	0.00
7) Phenol-d6	6.487	99	642651	89.078	ng	0.00
23) Nitrobenzene-d5	7.410	82	428332	59.043	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	166848	86.890	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	805570	76.474	ng	0.00
79) Terphenyl-d14	12.980	244	651755	59.958	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	288	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	60436	13.209	ng	# 78
25) Isophorone	7.410	82	428328	32.487	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	20039	8.369	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	20039	6.337	ng	# 22
63) Azobenzene	10.604	77	36826	3.361	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	9981	3.331	ng	# 1
77) Benzidine	12.980	184	9975	2.396	ng	# 92
88) Benzo(b)fluoranthene	15.098	252	50738	5.922	ng	# 92
89) Benzo(k)fluoranthene	15.098	252	50738	5.817	ng	# 92
90) Benzo(a)pyrene	15.480	252	20010	2.415	ng	# 90
92) Benzo(g,h,i)perylene	17.557	276	26525	3.115	ng	97

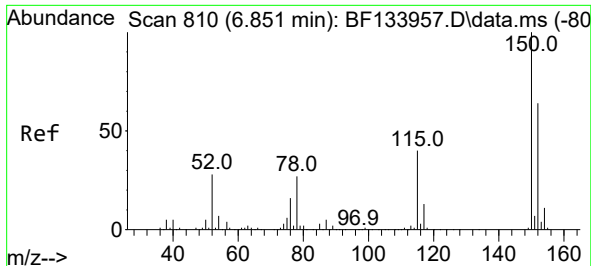
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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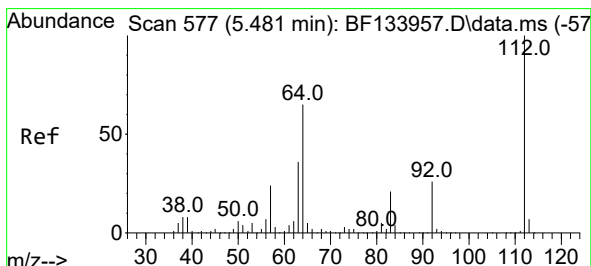
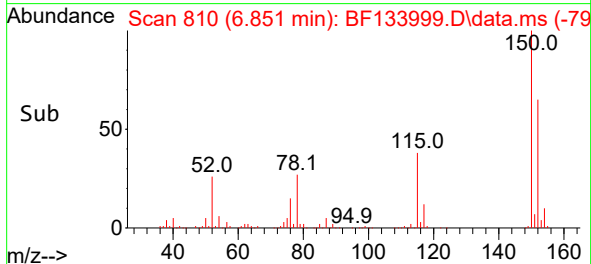
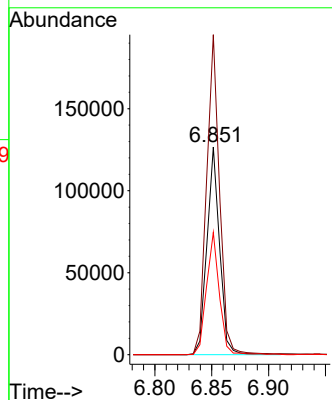
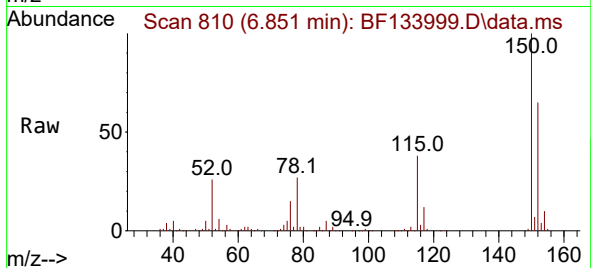




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

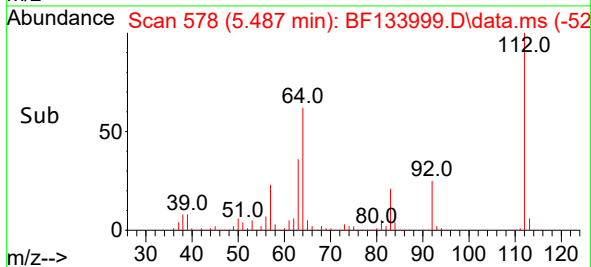
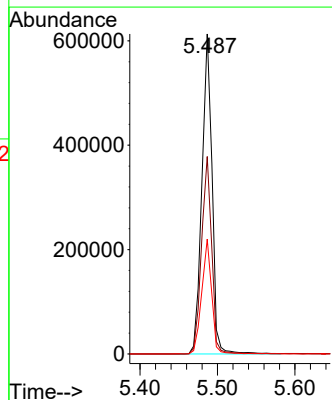
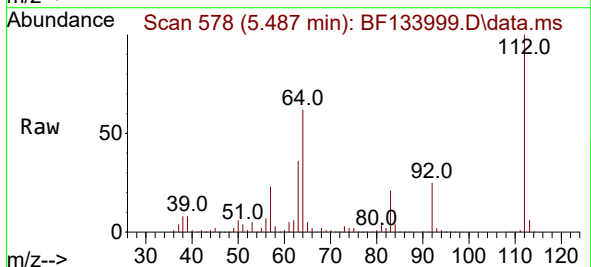
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BNA_F
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TP2-0623

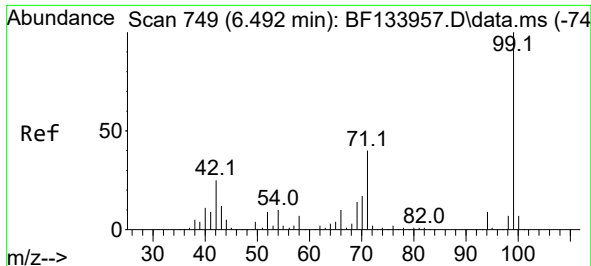
Tgt Ion:152 Resp: 98131
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 58.9 50.2 75.2



#5
2-Fluorophenol
Concen: 95.321 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:112 Resp: 559190
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 35.9 28.6 42.8

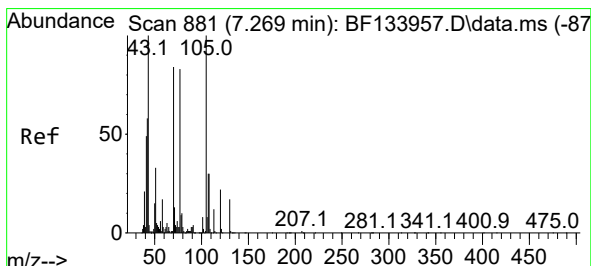
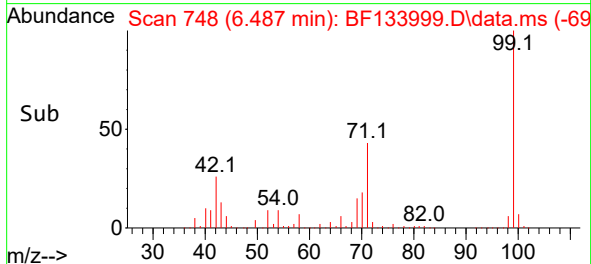
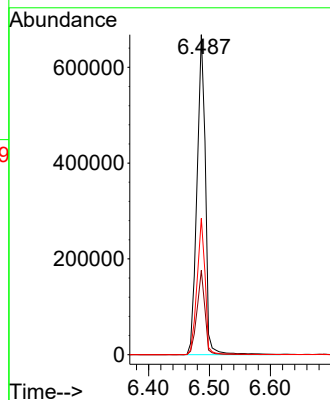
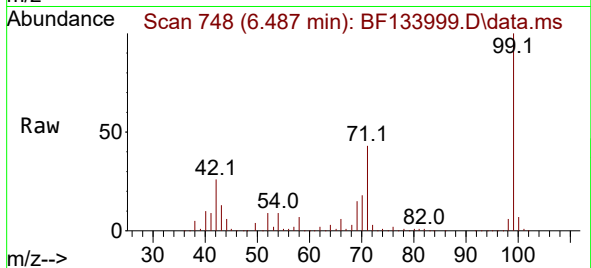




#7
Phenol-d6
Concen: 89.078 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

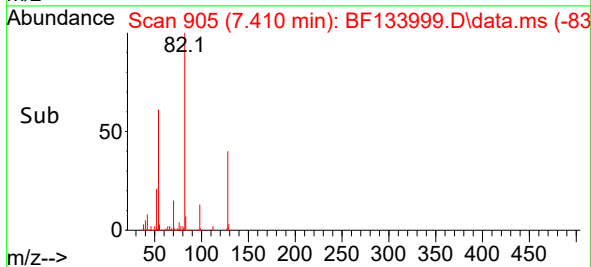
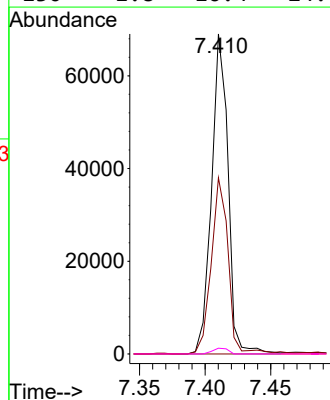
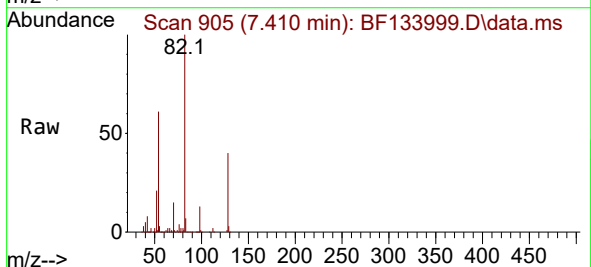
Instrument :
BNA_F
ClientSampleId :
TP2-0623

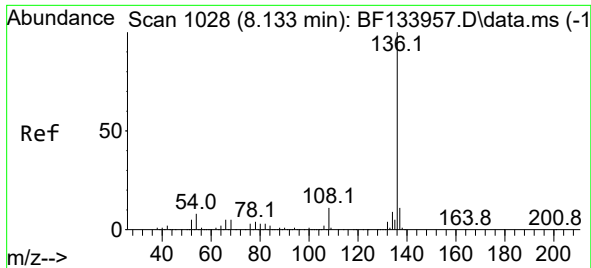
Tgt Ion: 99 Resp: 642651
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.6
71 42.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.209 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion: 70 Resp: 60436
Ion Ratio Lower Upper
70 100
42 55.0 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#

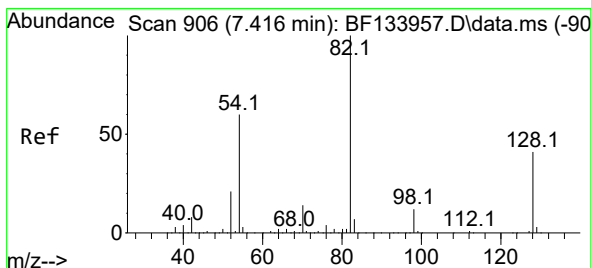
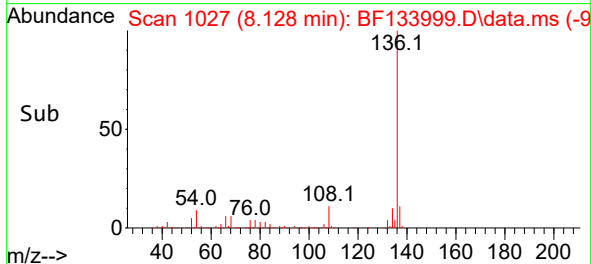
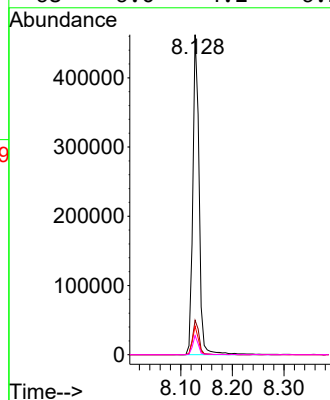
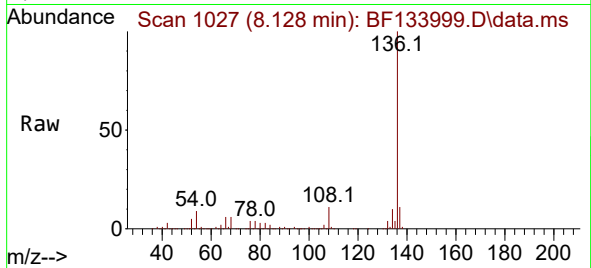




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

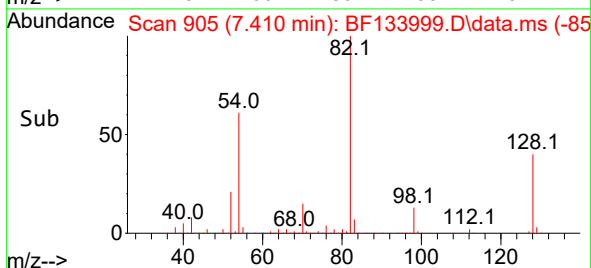
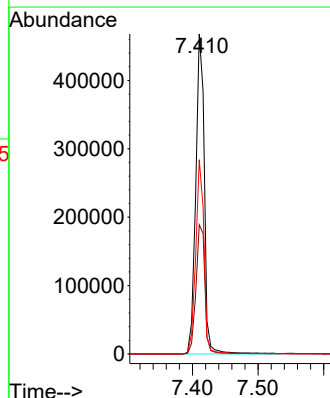
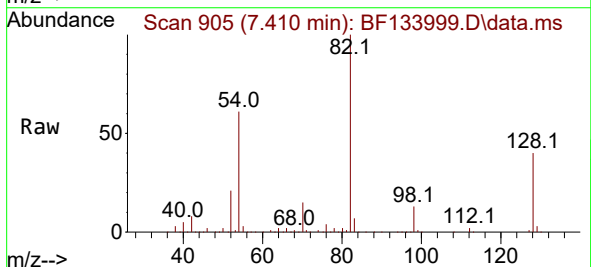
Instrument :
BNA_F
ClientSampleId :
TP2-0623

Tgt Ion:136 Resp: 391063
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.9 6.5 9.7
68 6.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 59.043 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion: 82 Resp: 428332
Ion Ratio Lower Upper
82 100
128 40.3 32.5 48.7
54 60.7 48.2 72.2

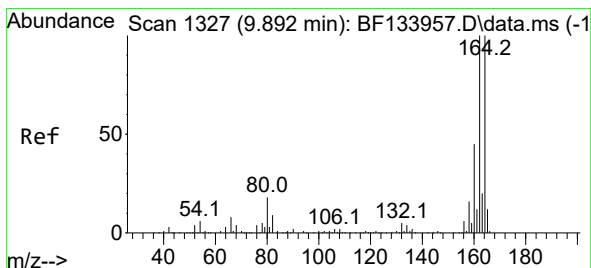
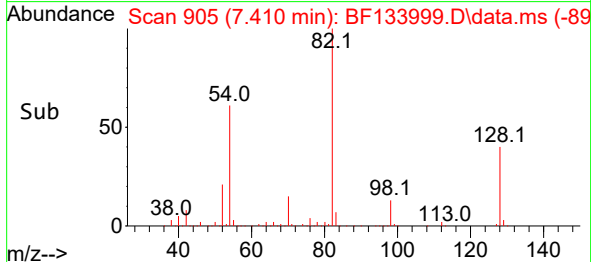
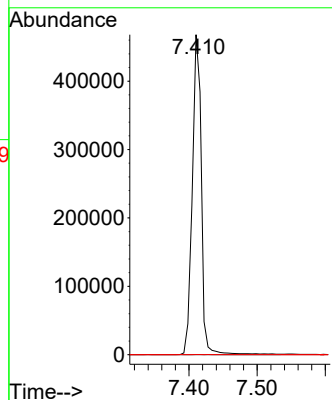
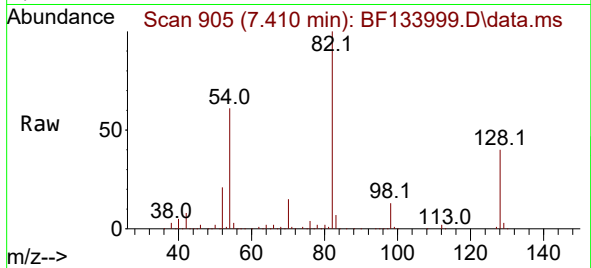




#25
Isophorone
Concen: 32.487 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

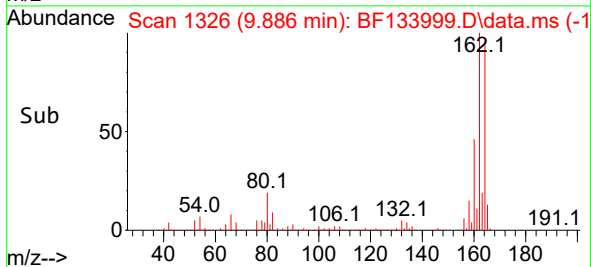
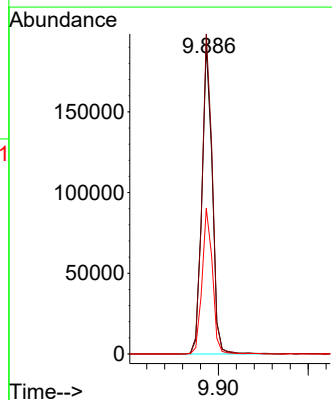
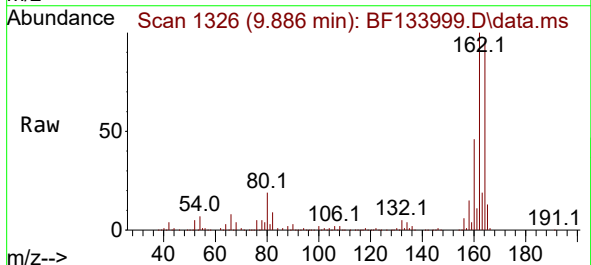
Instrument :
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ClientSampleId :
TP2-0623

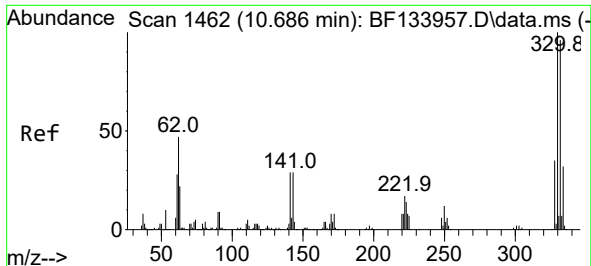
Tgt Ion: 82 Resp: 428328
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:164 Resp: 153152
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 47.2 35.9 53.9

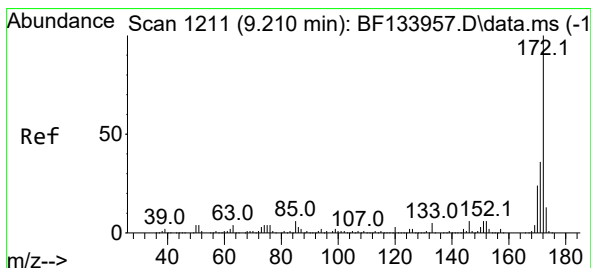
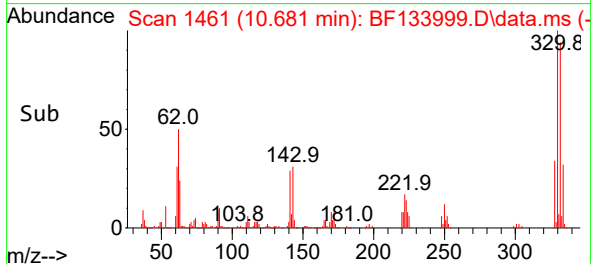
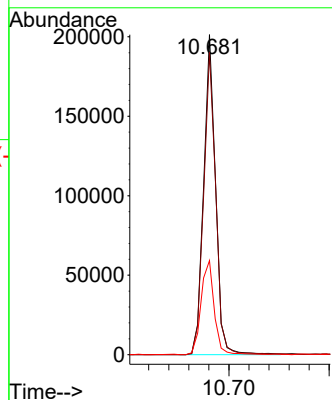
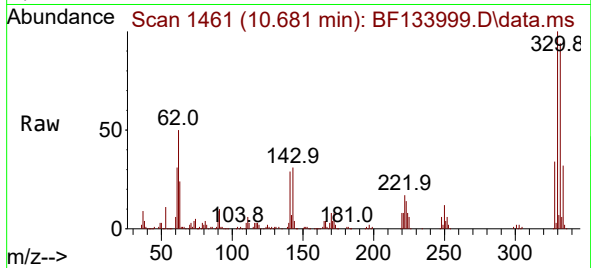




#42
2,4,6-Tribromophenol
Concen: 86.890 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

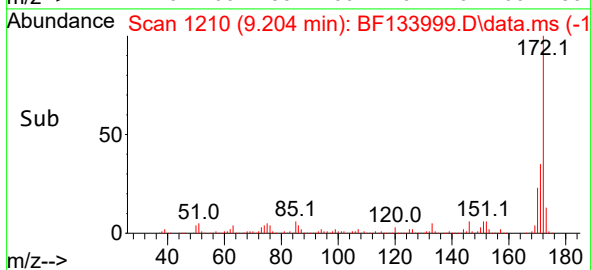
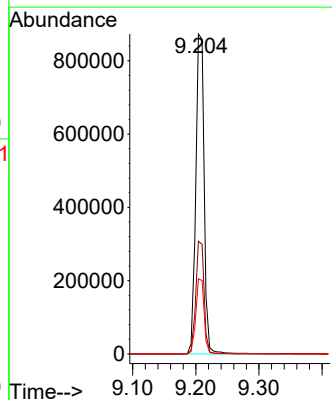
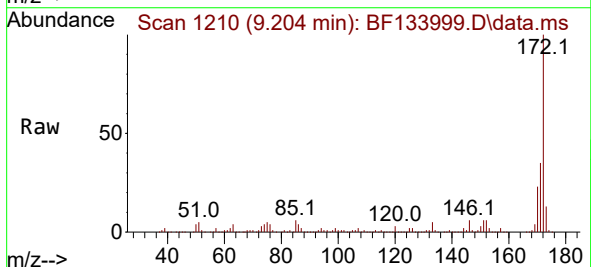
Instrument :
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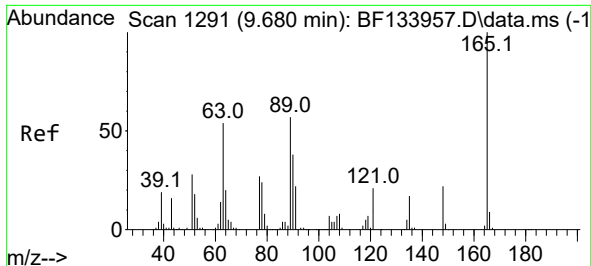
Tgt Ion:330 Resp: 166848
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 76.474 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:172 Resp: 805570
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.4 29.0

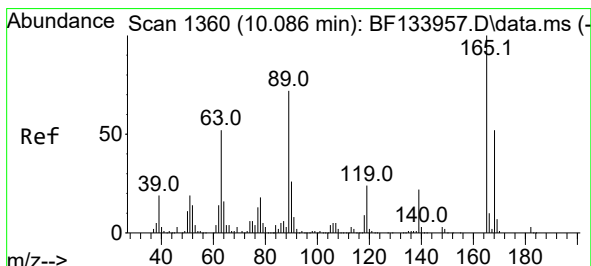
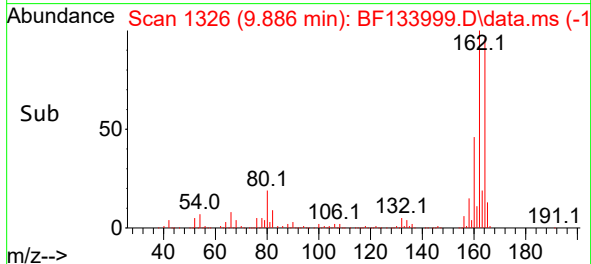
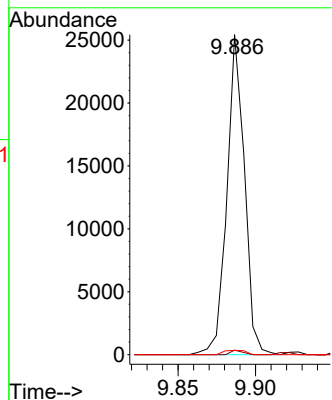
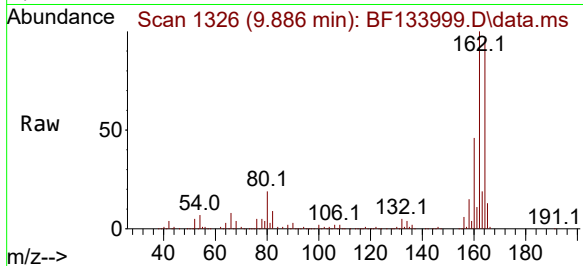




#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

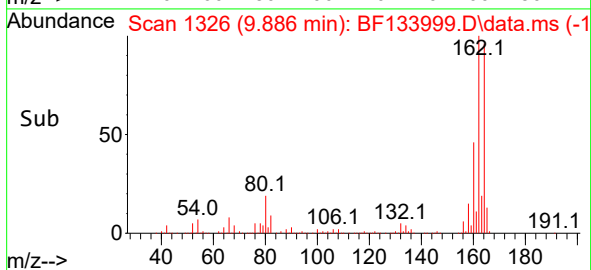
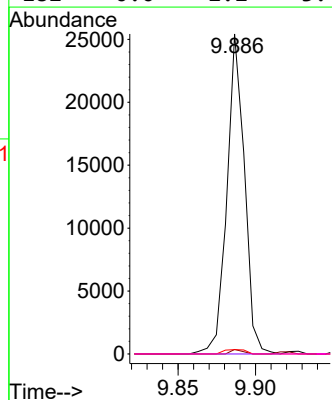
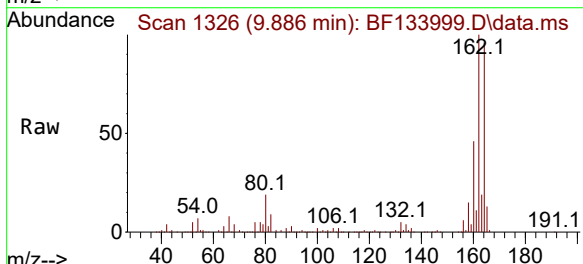
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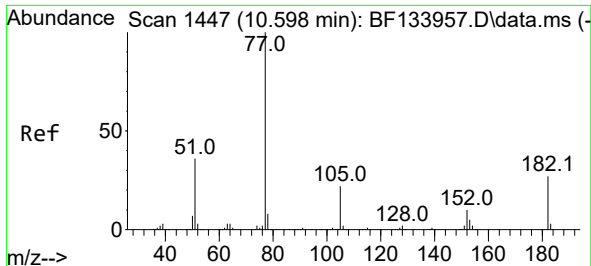
Tgt Ion:165 Resp: 20039
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.337 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:165 Resp: 20039
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#

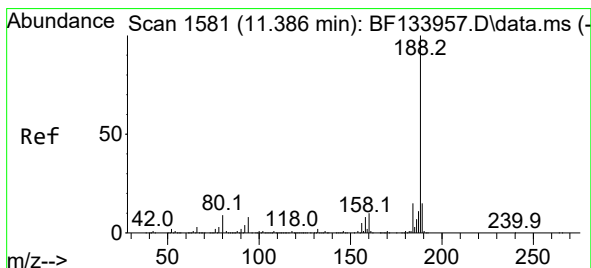
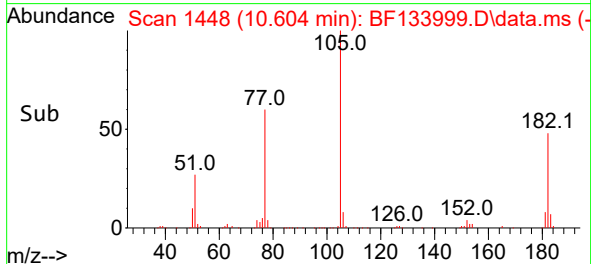
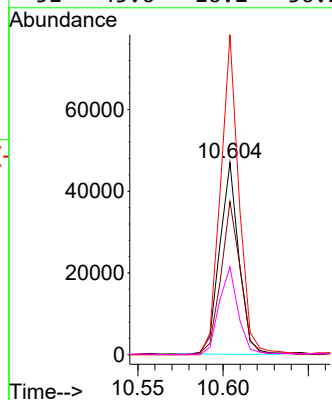
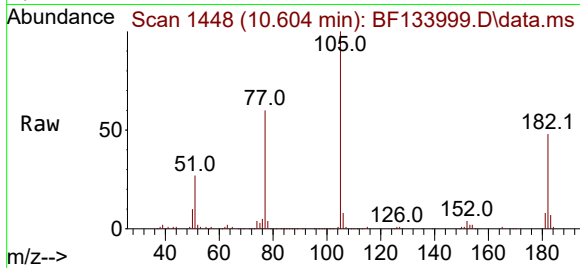




#63
Azobenzene
Concen: 3.361 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

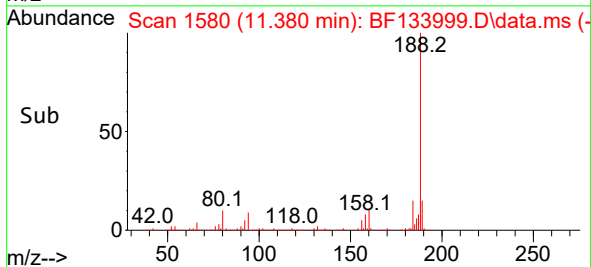
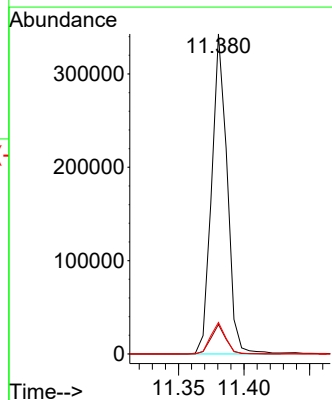
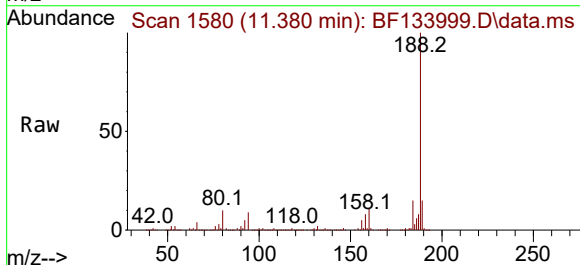
Instrument :
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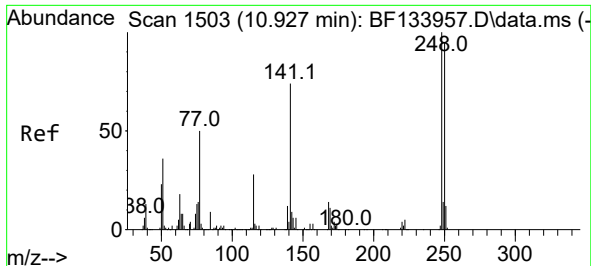
Tgt Ion: 77 Resp: 36826
Ion Ratio Lower Upper
77 100
182 79.7 6.8 46.8#
105 166.5 2.3 42.3#
51 45.6 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:188 Resp: 281898
Ion Ratio Lower Upper
188 100
94 9.2 6.4 9.6
80 9.8 7.3 10.9

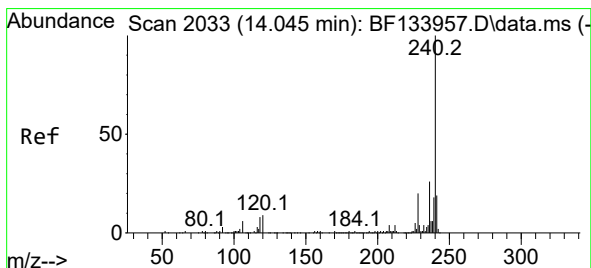
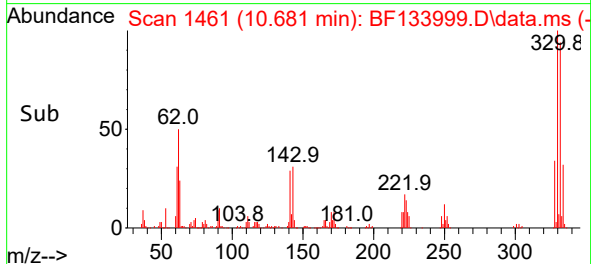
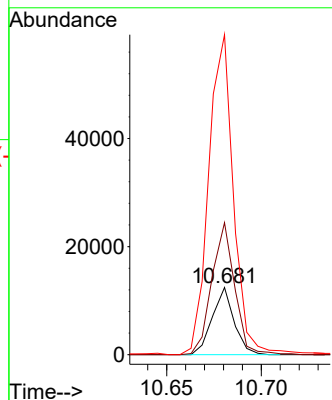
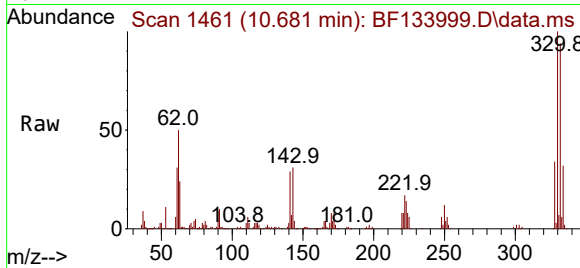




#67
4-Bromophenyl-phenylether
Concen: 3.331 ng
RT: 10.681 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

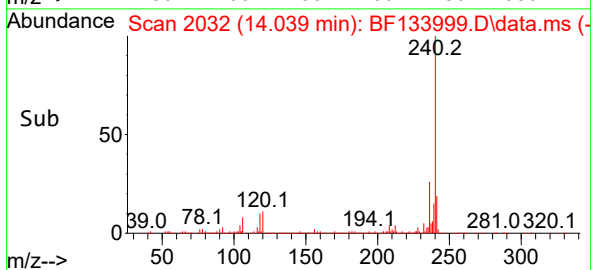
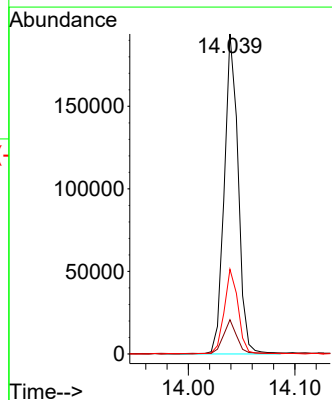
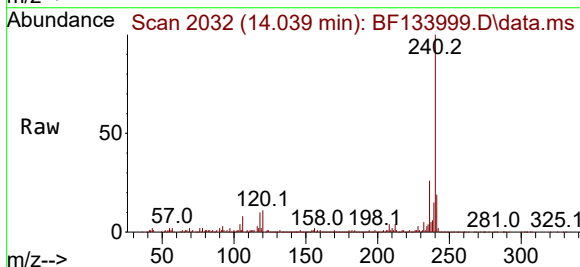
Instrument :
BNA_F
ClientSampleId :
TP2-0623

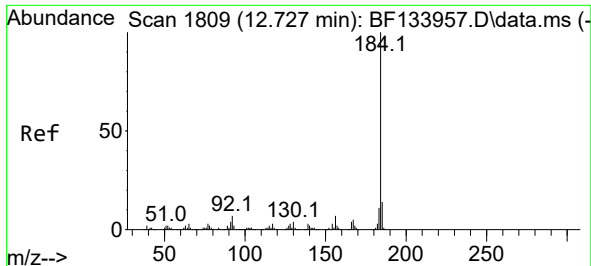
Tgt Ion:248 Resp: 9981
Ion Ratio Lower Upper
248 100
250 196.5 76.2 114.4#
141 476.2 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:240 Resp: 174948
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 26.4 21.0 31.6

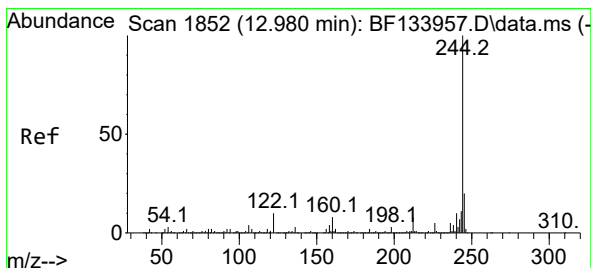
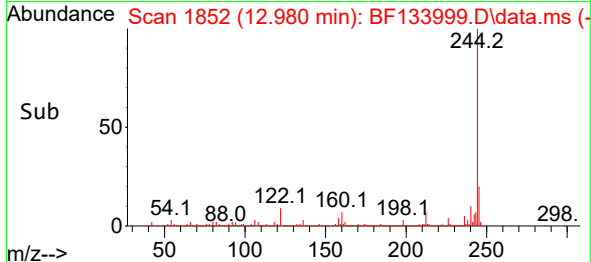
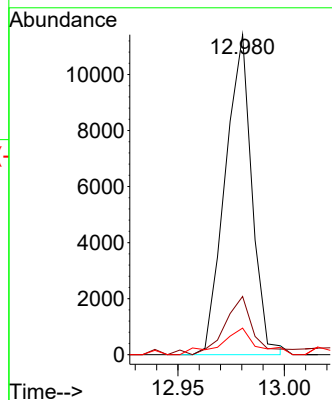
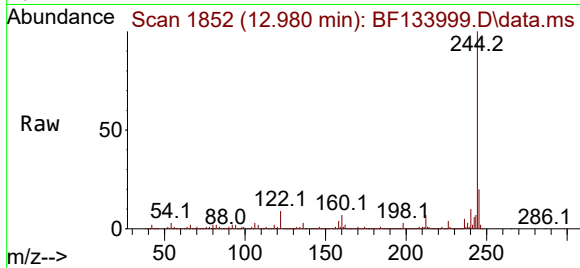




#77
Benzidine
Concen: 2.396 ng
RT: 12.980 min Scan# 1809
Delta R.T. 0.253 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

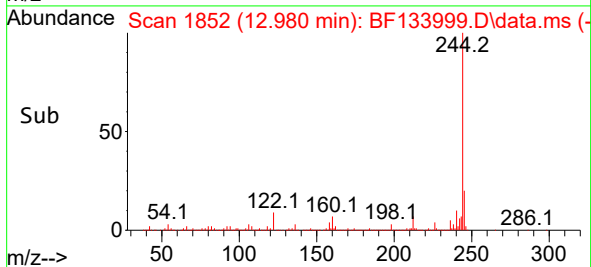
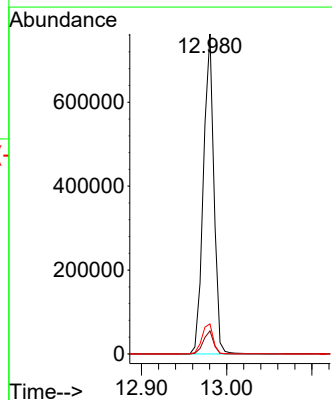
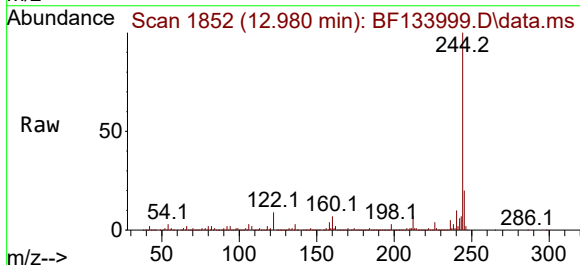
Instrument :
BNA_F
ClientSampleId :
TP2-0623

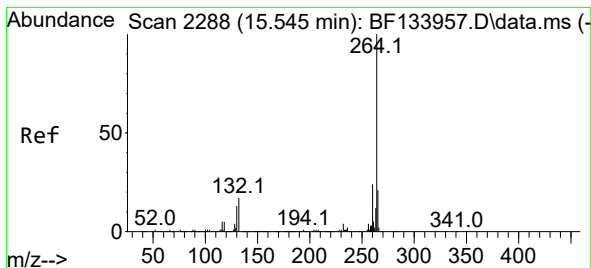
Tgt Ion:184 Resp: 9975
Ion Ratio Lower Upper
184 100
185 18.2 11.6 17.4#
183 8.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 59.958 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

Tgt Ion:244 Resp: 651755
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133999.D

Acq: 27 Jun 2023 19:36

Instrument :

BNA_F

ClientSampleId :

TP2-0623

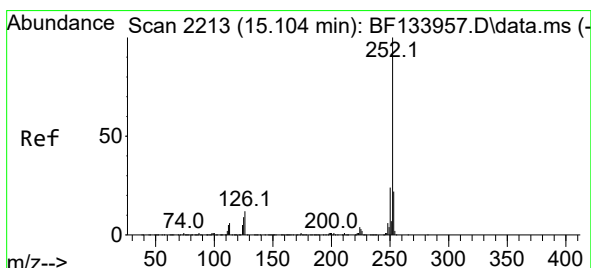
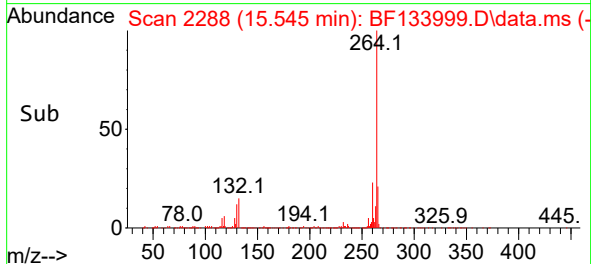
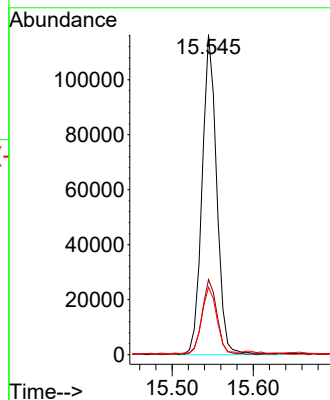
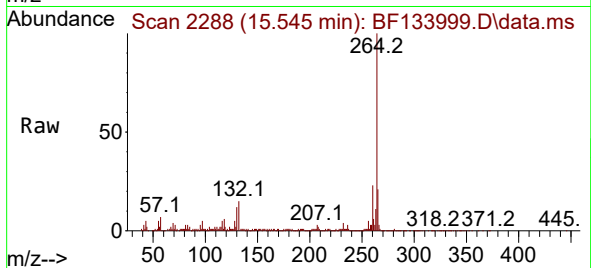
Tgt Ion:264 Resp: 145698

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.1 16.6 25.0



#88

Benzo(b)fluoranthene

Concen: 5.922 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF133999.D

Acq: 27 Jun 2023 19:36

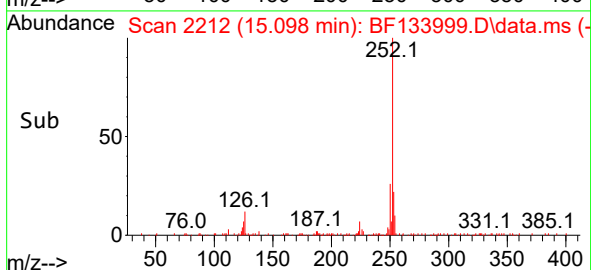
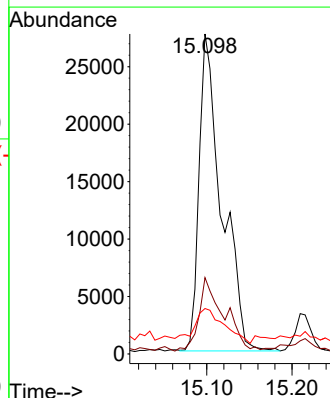
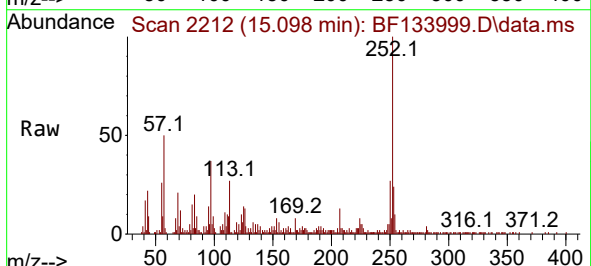
Tgt Ion:252 Resp: 50738

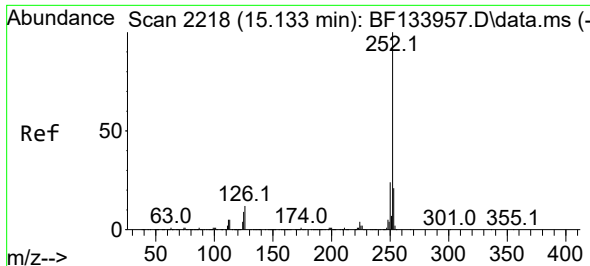
Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

125 14.2 7.1 10.7#

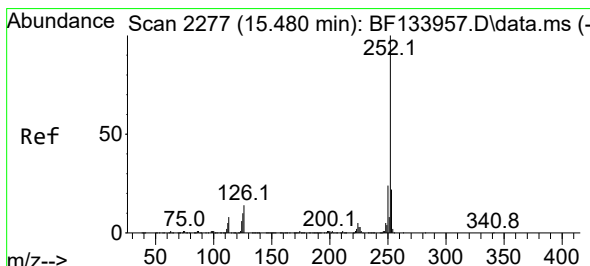
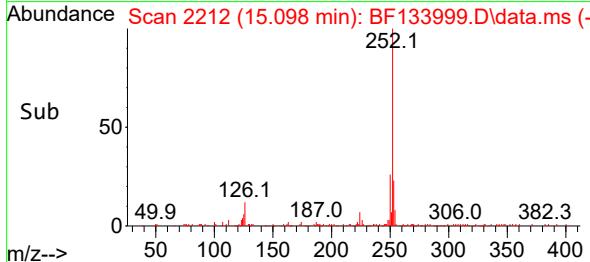
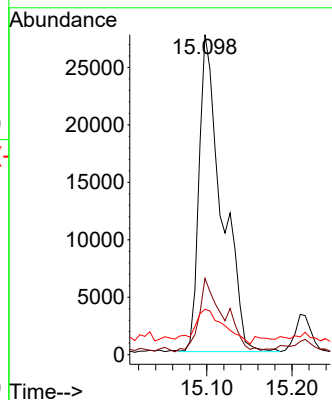
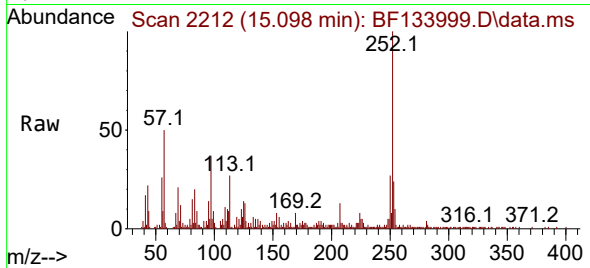




#89
Benzo(k)fluoranthene
Concen: 5.817 ng
RT: 15.098 min Scan# 211
Delta R.T. -0.035 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

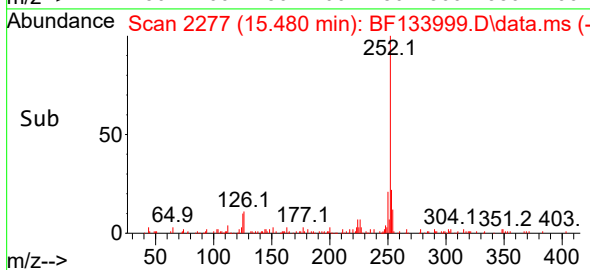
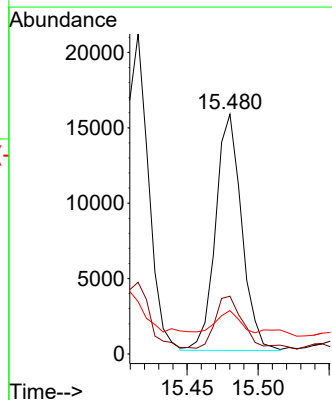
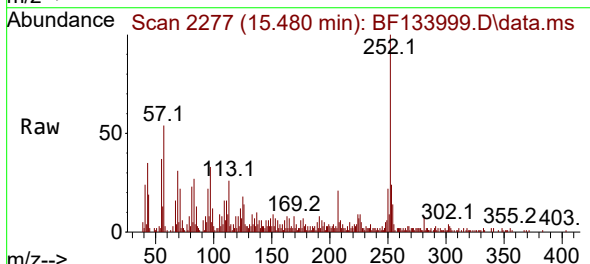
Instrument :
BNA_F
ClientSampleId :
TP2-0623

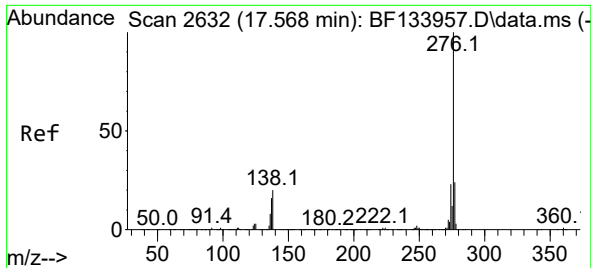
Tgt Ion:252 Resp: 50738
Ion Ratio Lower Upper
252 100
253 23.9 16.9 25.3
125 14.2 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 2.415 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF133999.D
Acq: 27 Jun 2023 19:36

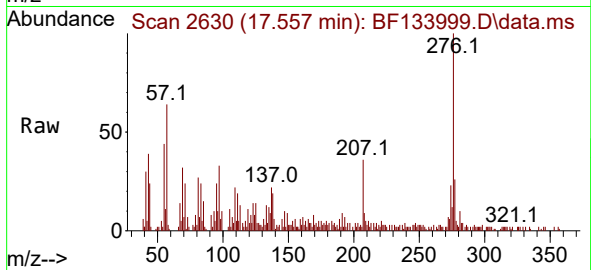
Tgt Ion:252 Resp: 20010
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 18.1 8.4 12.6#





#92
 Benzo(g,h,i)perylene
 Concen: 3.115 ng
 RT: 17.557 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF133999.D
 Acq: 27 Jun 2023 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TP2-0623



Tgt Ion:	276	Resp:	26525
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.0	28.6
138	18.9	16.2	24.2

