

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133567.D
 Acq On : 05 Jun 2023 15:57
 Operator : CG\JU
 Sample : 02988-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ORA-1644

Quant Time: Jun 05 17:51:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

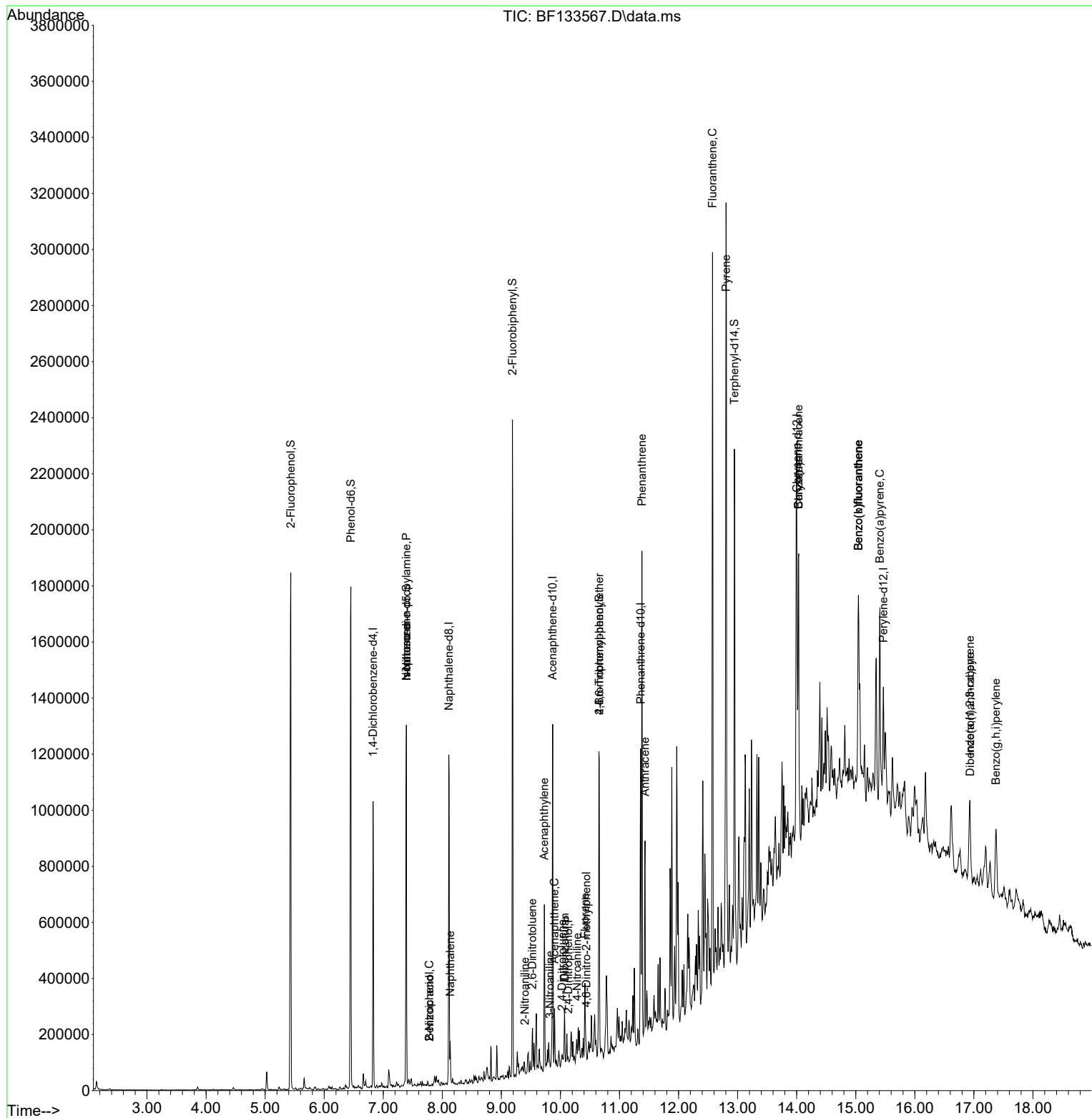
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	138087	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	494664	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	213063	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	372590	20.000	ng	0.00
76) Chrysene-d12	14.004	240	211507	20.000	ng	0.00
86) Perylene-d12	15.468	264	177686	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	497805	60.148	ng	0.00
7) Phenol-d6	6.451	99	580259	56.954	ng	0.00
23) Nitrobenzene-d5	7.392	82	350880	47.361	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	126483	59.554	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	661445	47.915	ng	0.00
79) Terphenyl-d14	12.945	244	612454	51.485	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	668	Below Cal	#	69
19) n-Nitroso-di-n-propyla...	7.392	70	48738	7.394	ng	# 73
25) Isophorone	7.392	82	348970	20.211	ng	# 65
26) 2-Nitrophenol	7.781	139	58	4.756	ng	# 1
31) Naphthalene	8.133	128	53440	2.228	ng	99
32) Benzoic acid	7.786	122	265	7.396	ng	94
48) 2-Nitroaniline	9.398	65	409	4.084	ng	# 45
49) Acenaphthylene	9.727	152	229102	10.701	ng	98
51) 2,6-Dinitrotoluene	9.522	165	1547	4.184	ng	# 1
52) Acenaphthene	9.898	154	39037	3.010	ng	97
53) 3-Nitroaniline	9.822	138	510	3.313	ng	# 61
54) 2,4-Dinitrophenol	10.133	184	161	6.661	ng	# 1
55) Dibenzofuran	10.074	168	39893	2.068	ng	# 92
57) 2,4-Dinitrotoluene	10.027	165	2254	5.321	ng	# 55
58) Fluorene	10.416	166	77922	5.512	ng	96
62) 4-Nitroaniline	10.280	138	485	3.111	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	79	8.754	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	8065	2.038	ng	# 1
71) Phenanthrene	11.380	178	580797	30.777	ng	100
72) Anthracene	11.433	178	284546	14.651	ng	98
75) Fluoranthene	12.574	202	1045851	50.173	ng	99
78) Pyrene	12.804	202	1284369	71.361	ng	100
81) Benzo(a)anthracene	14.033	228	489533	34.744	ng	93
83) Chrysene	14.033	228	489533	34.416	ng	96
87) Indeno(1,2,3-cd)pyrene	16.933	276	192253	16.986	ng	95
88) Benzo(b)fluoranthene	15.045	252	522257	45.137	ng	# 93
89) Benzo(k)fluoranthene	15.045	252	522257	46.291	ng	# 94
90) Benzo(a)pyrene	15.409	252	352480	33.479	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	51769	5.641	ng	# 76
92) Benzo(g,h,i)perylene	17.374	276	231684	25.039	ng	95

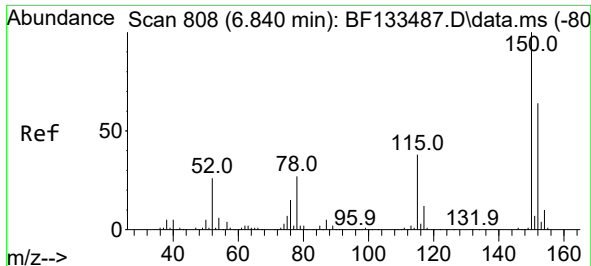
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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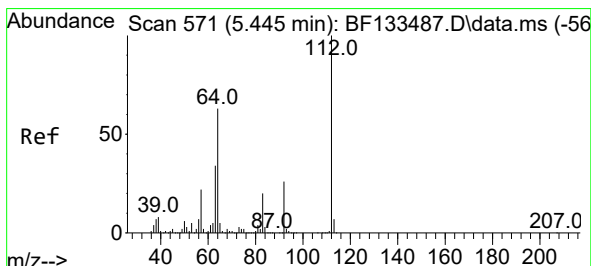
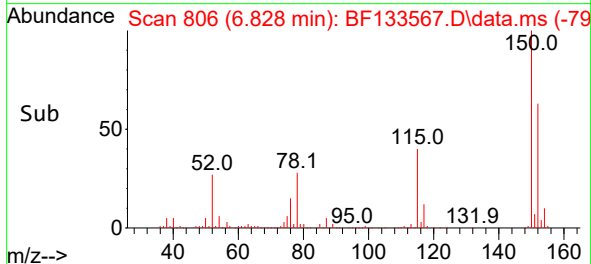
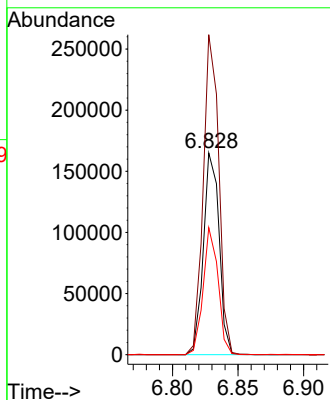
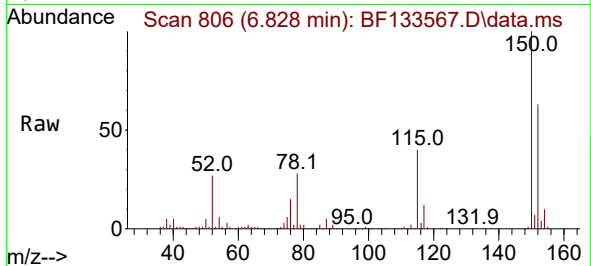




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

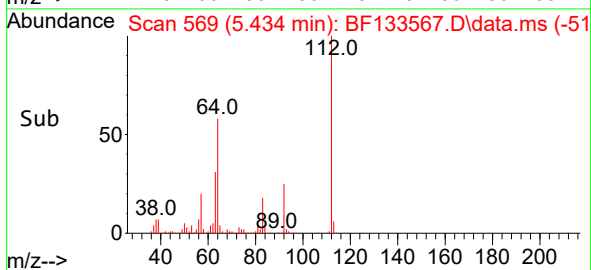
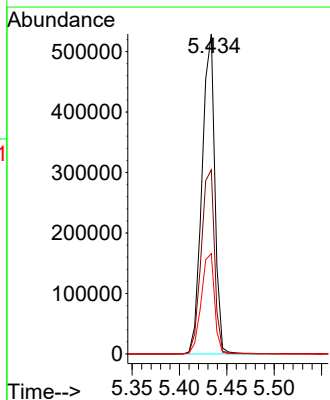
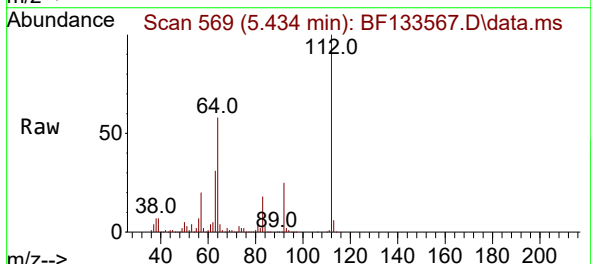
Instrument :
BNA_F
ClientSampleId :
ORA-1644

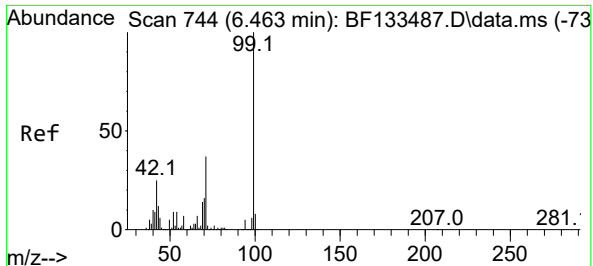
Tgt Ion:152 Resp: 138087
Ion Ratio Lower Upper
152 100
150 158.7 124.9 187.3
115 63.0 48.1 72.1



#5
2-Fluorophenol
Concen: 60.148 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:112 Resp: 497805
Ion Ratio Lower Upper
112 100
64 57.5 50.1 75.1
63 31.3 27.5 41.3

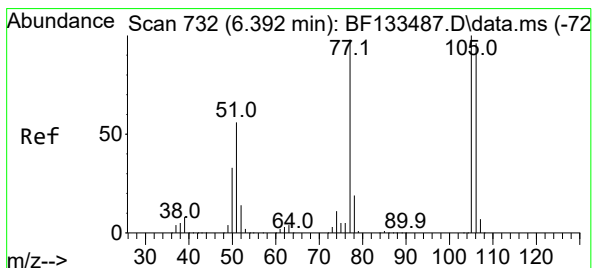
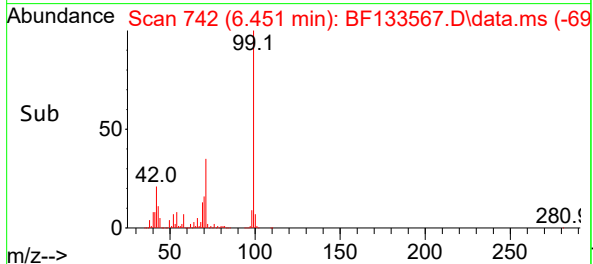
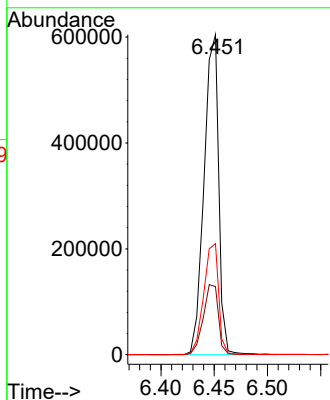
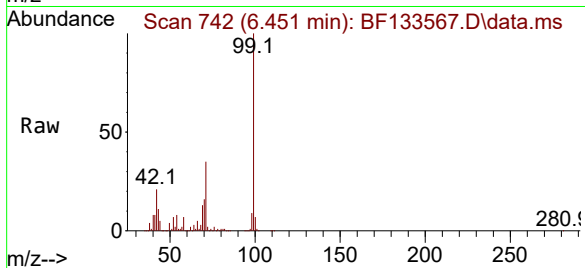




#7
Phenol-d6
Concen: 56.954 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

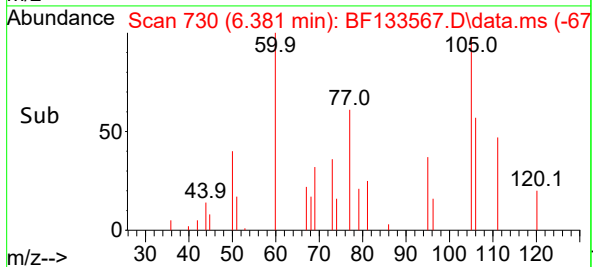
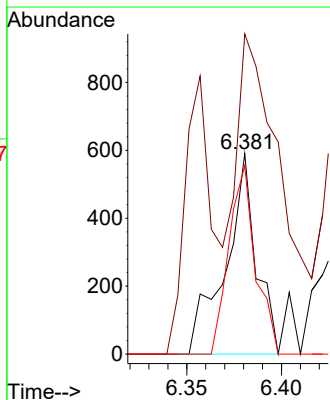
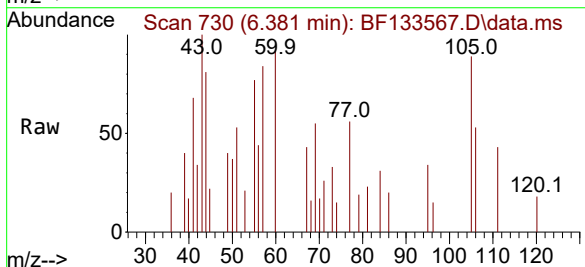
Instrument :
BNA_F
ClientSampleId :
ORA-1644

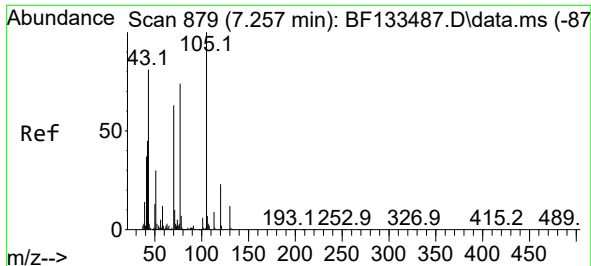
Tgt Ion: 99 Resp: 580259
Ion Ratio Lower Upper
99 100
42 21.2 19.7 29.5
71 34.7 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion: 77 Resp: 668
Ion Ratio Lower Upper
77 100
105 159.6 81.9 121.9#
106 93.9 77.8 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 7.394 ng

RT: 7.392 min Scan# 90

Delta R.T. 0.141 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

Tgt Ion: 70 Resp: 48738

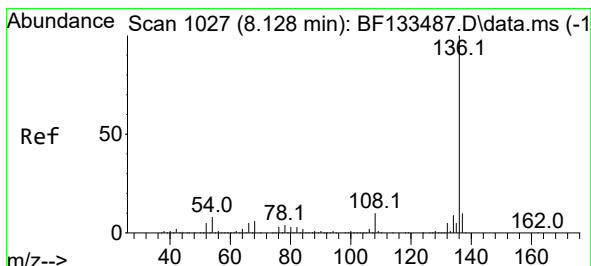
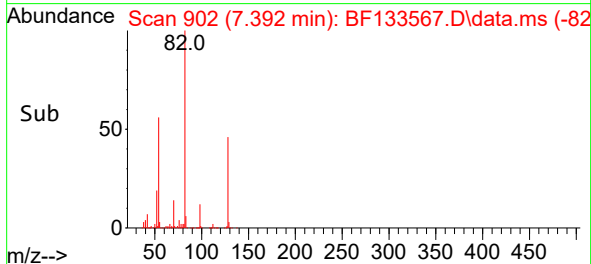
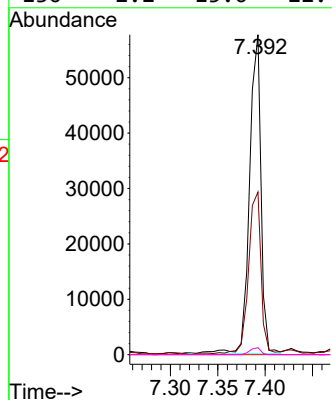
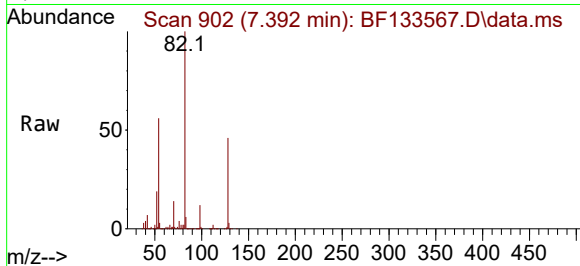
Ion Ratio Lower Upper

70 100

42 50.8 57.2 85.8#

101 0.0 7.3 10.9#

130 2.2 15.0 22.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Tgt Ion: 136 Resp: 494664

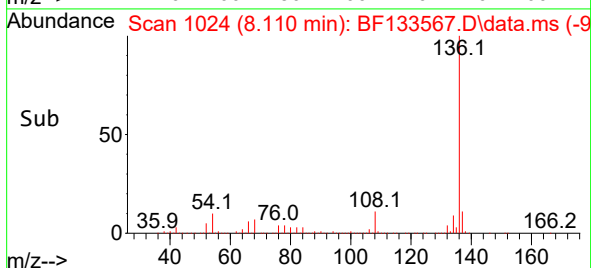
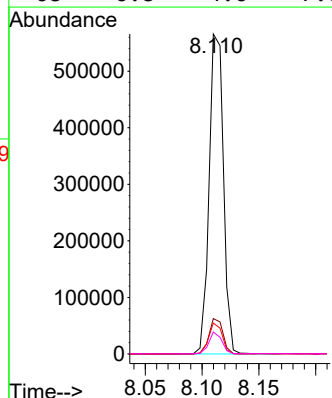
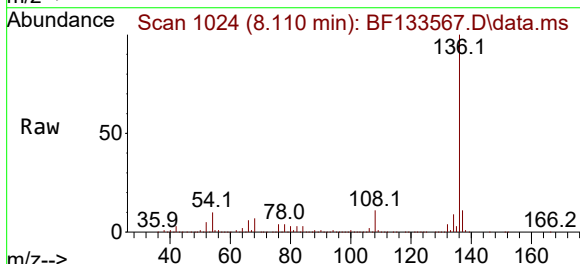
Ion Ratio Lower Upper

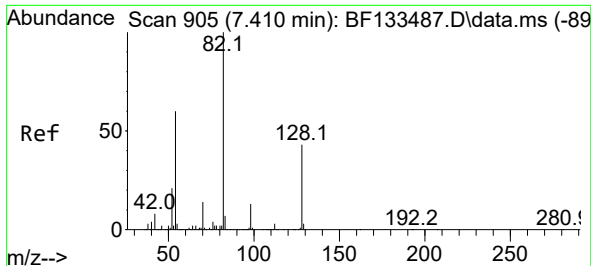
136 100

137 11.0 8.2 12.4

54 9.6 6.6 10.0

68 6.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 47.361 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

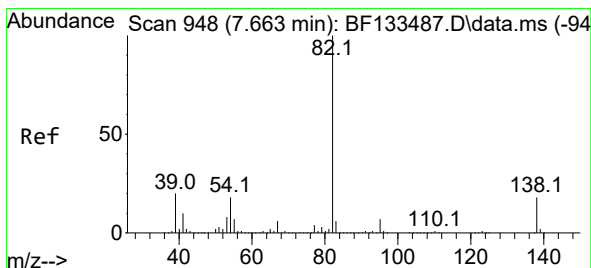
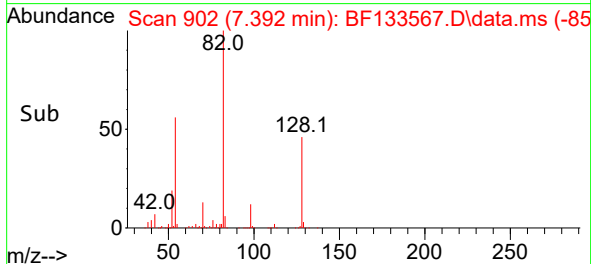
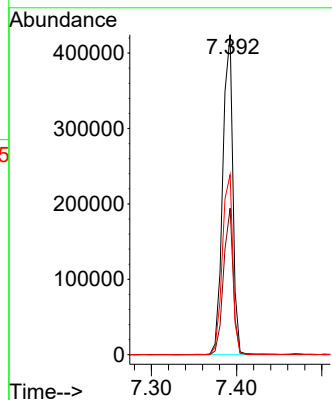
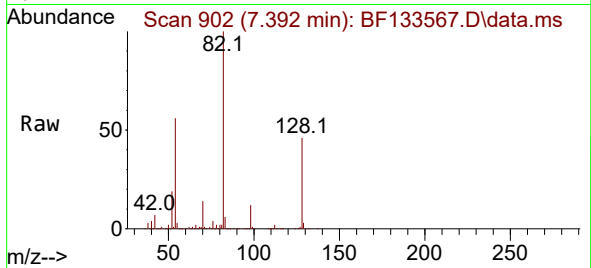
Tgt Ion: 82 Resp: 350880

Ion Ratio Lower Upper

82 100

128 45.8 34.2 51.4

54 56.2 48.2 72.4



#25

Isophorone

Concen: 20.211 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

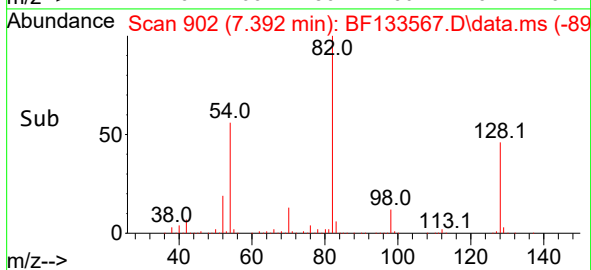
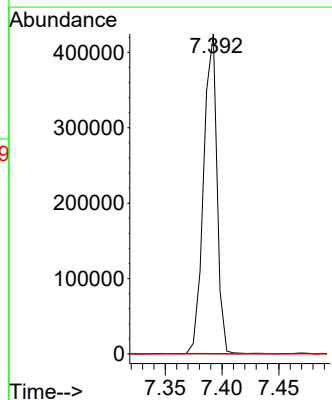
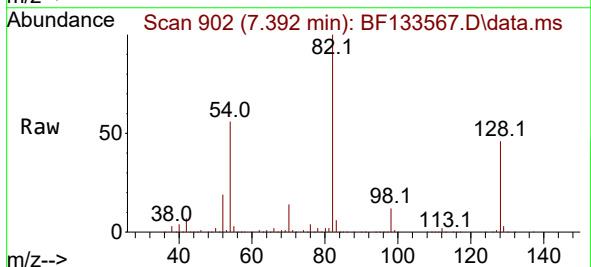
Tgt Ion: 82 Resp: 348970

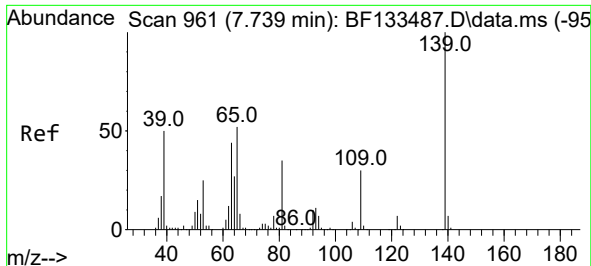
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 14.2 21.4#

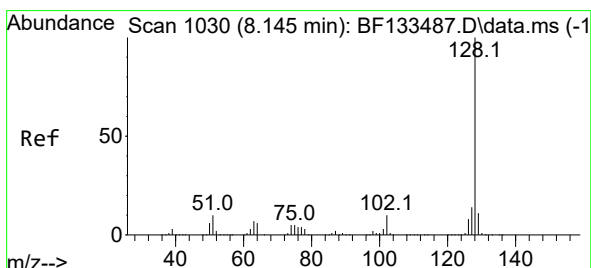
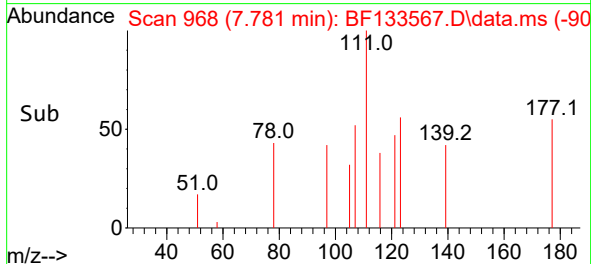
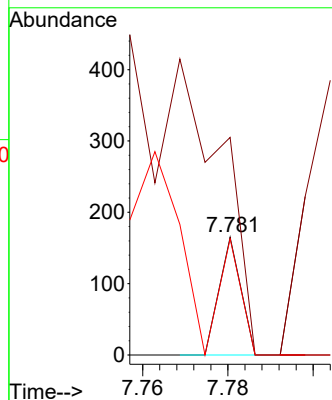
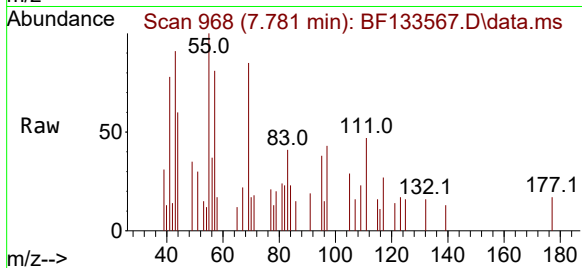




#26
2-Nitrophenol
Concen: 4.756 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.047 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

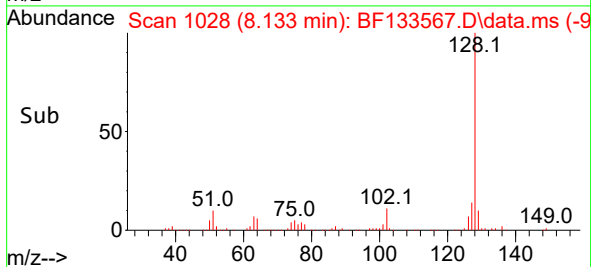
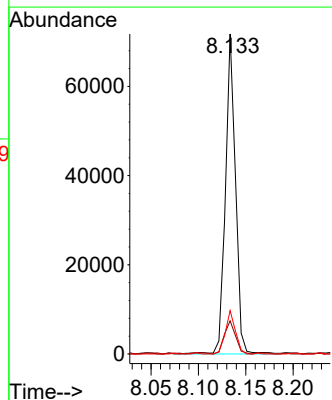
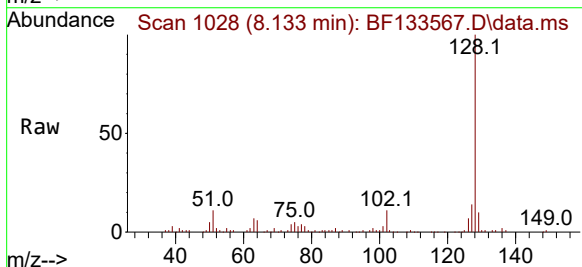
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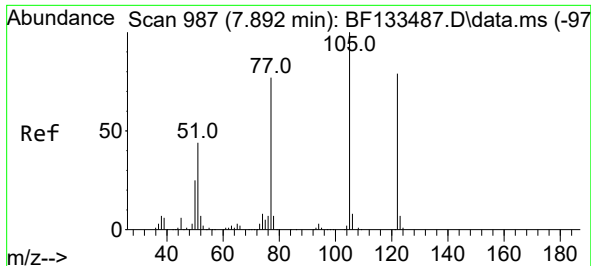
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 184.8 24.0 36.0#
65 98.8 41.7 62.5#



#31
Naphthalene
Concen: 2.228 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:128 Resp: 53440
Ion Ratio Lower Upper
128 100
129 10.3 9.2 13.8
127 13.6 10.9 16.3

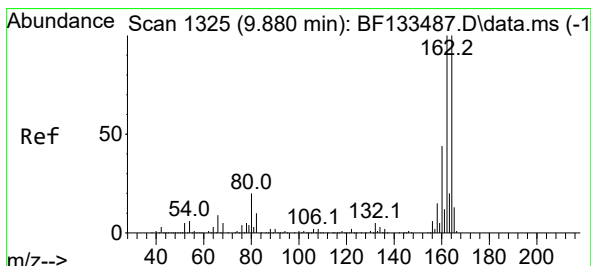
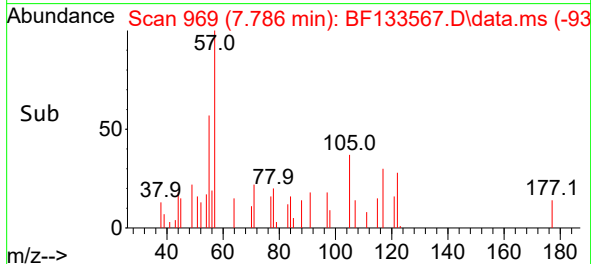
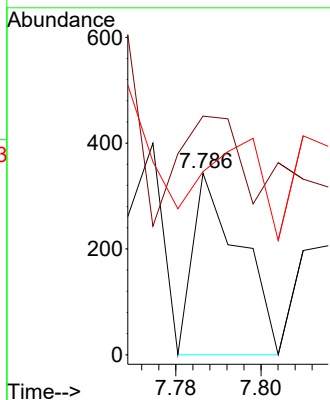
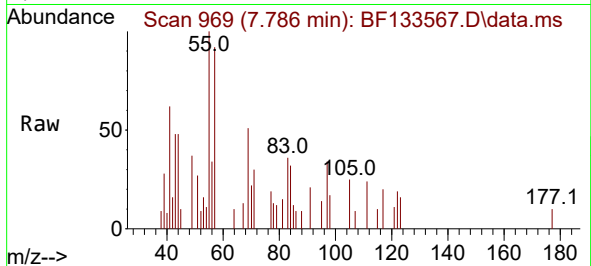




#32
Benzoic acid
Concen: 7.396 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.076 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

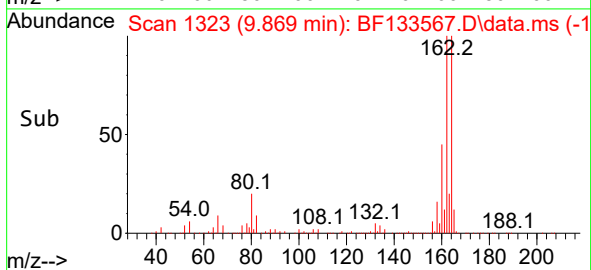
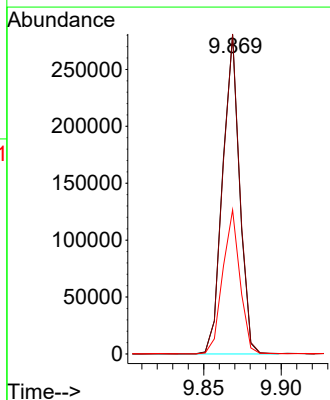
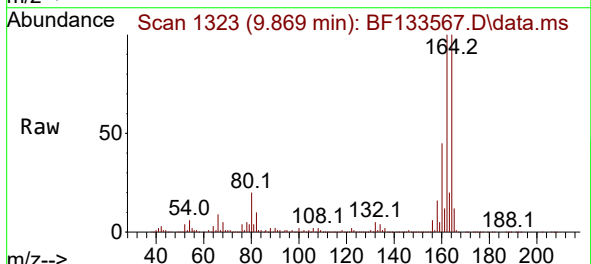
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BNA_F
ClientSampleId :
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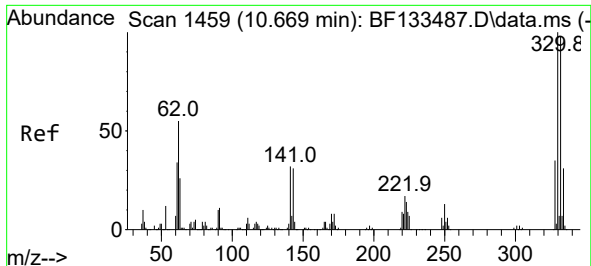
Tgt Ion:	122	Resp:	265
Ion	Ratio	Lower	Upper
122	100		
105	131.5	103.3	143.3
77	100.9	75.7	115.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

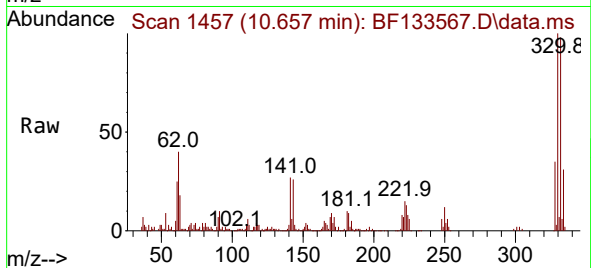
Tgt Ion:	164	Resp:	213063
Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.7	119.5
160	45.1	35.4	53.0



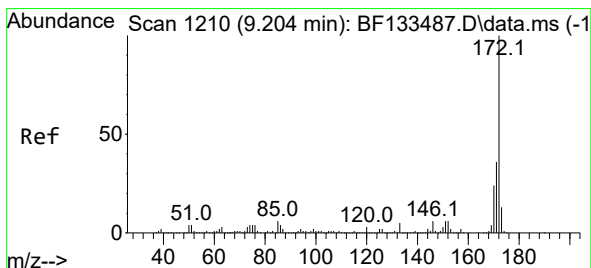
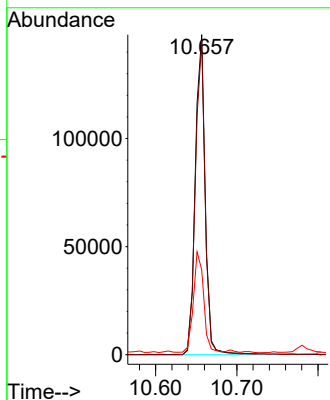
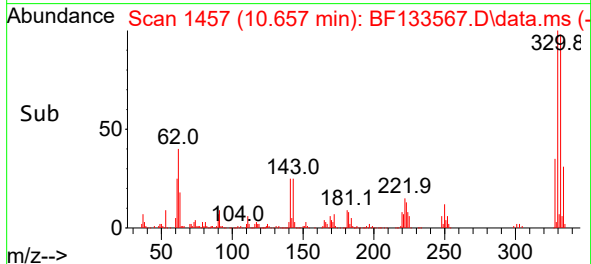


#42
2,4,6-Tribromophenol
Concen: 59.554 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

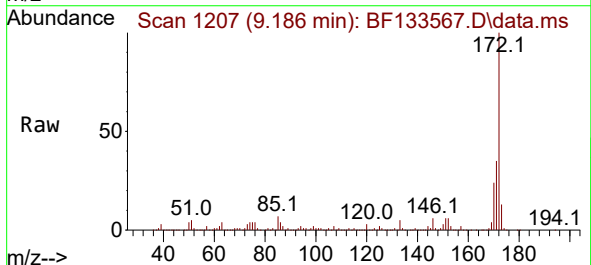
Instrument :
BNA_F
ClientSampleId :
ORA-1644



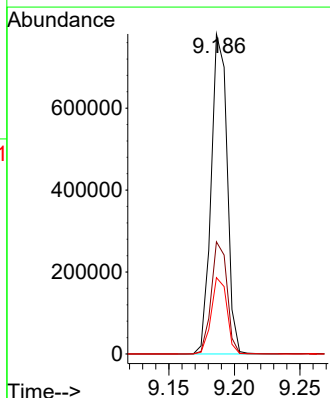
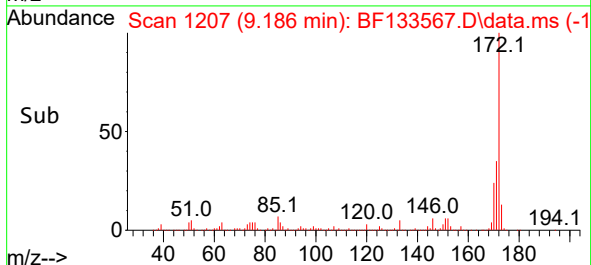
Tgt Ion: 330 Resp: 126483
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 32.2 26.6 40.0

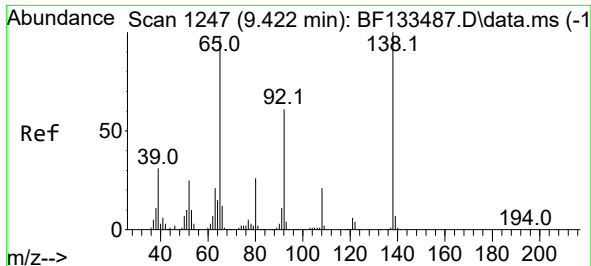


#45
2-Fluorobiphenyl
Concen: 47.915 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57



Tgt Ion: 172 Resp: 661445
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.9 19.3 28.9

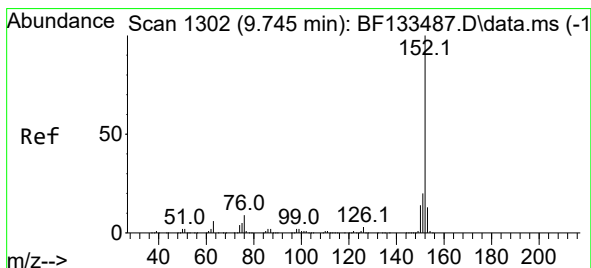
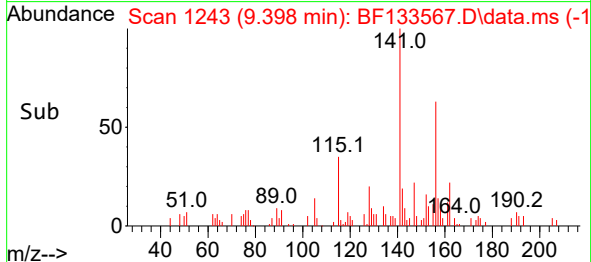
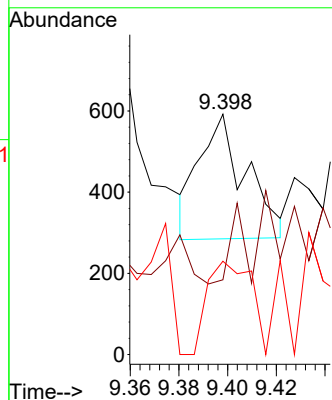
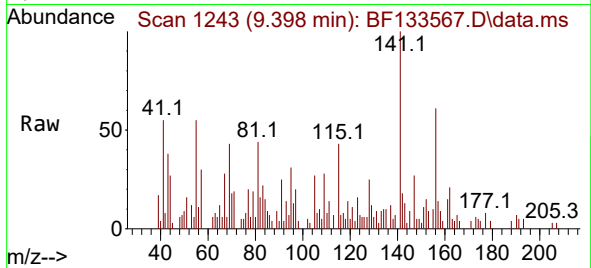




#48
2-Nitroaniline
Concen: 4.084 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.012 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

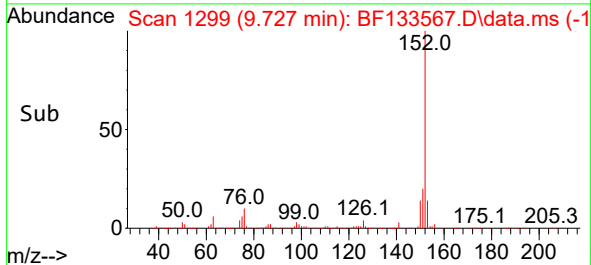
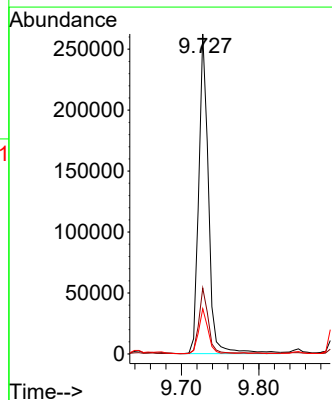
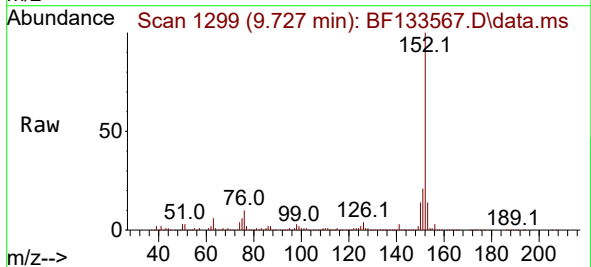
Instrument :
BNA_F
ClientSampleId :
ORA-1644

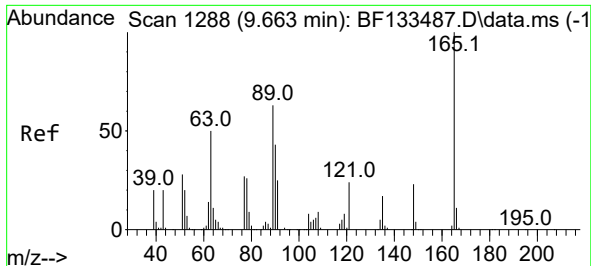
Tgt Ion: 65 Resp: 409
Ion Ratio Lower Upper
65 100
92 31.1 50.8 76.2#
138 38.9 82.6 124.0#



#49
Acenaphthylene
Concen: 10.701 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion: 152 Resp: 229102
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.1 10.4 15.6

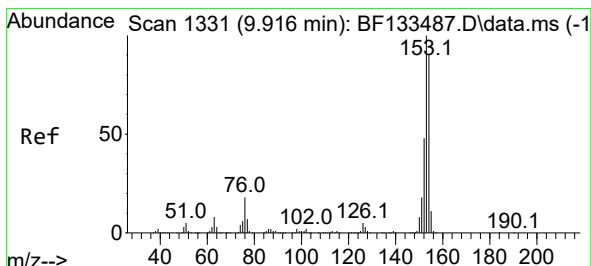
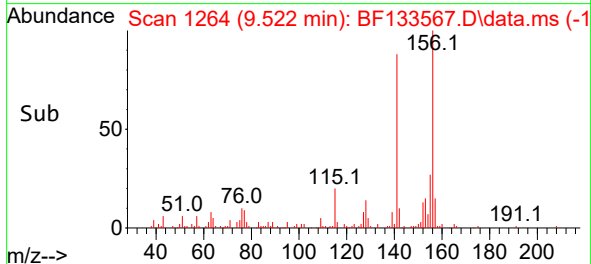
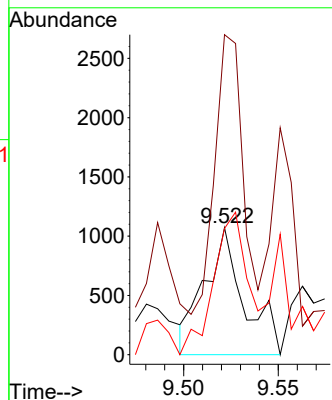
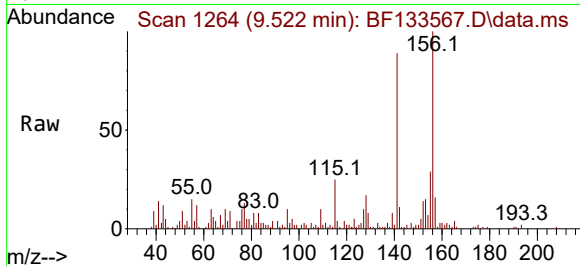




#51
2,6-Dinitrotoluene
Concen: 4.184 ng
RT: 9.522 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

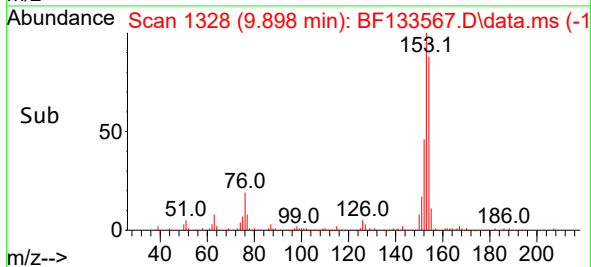
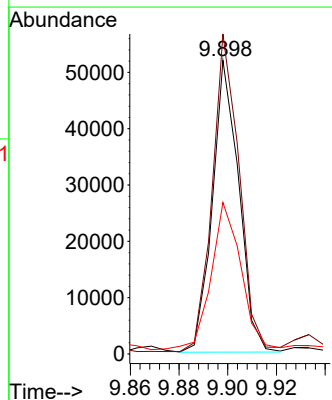
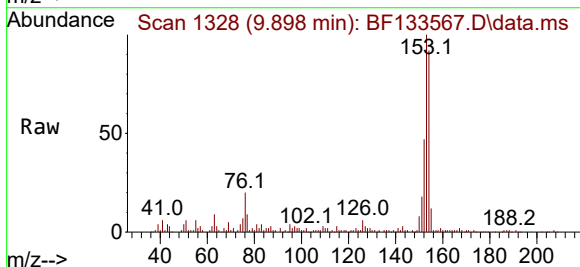
Instrument :
BNA_F
ClientSampleId :
ORA-1644

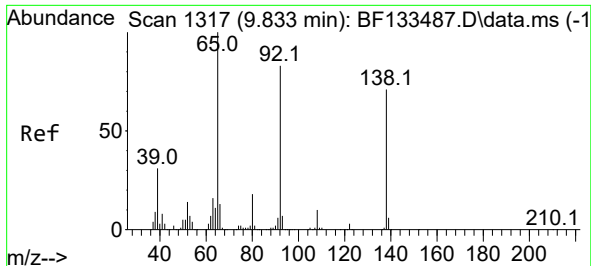
Tgt Ion:165 Resp: 1547
Ion Ratio Lower Upper
165 100
63 251.9 57.0 85.4#
89 99.3 50.8 76.2#



#52
Acenaphthene
Concen: 3.010 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:154 Resp: 39037
Ion Ratio Lower Upper
154 100
153 109.0 89.2 133.8
152 51.6 43.1 64.7

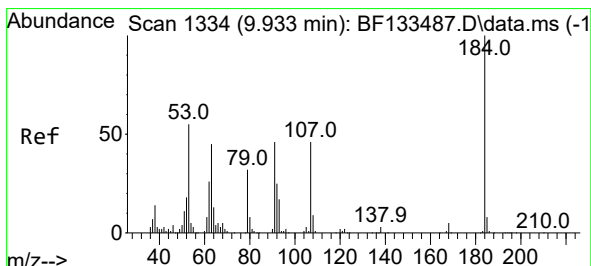
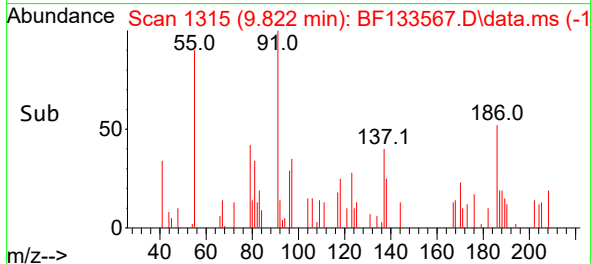
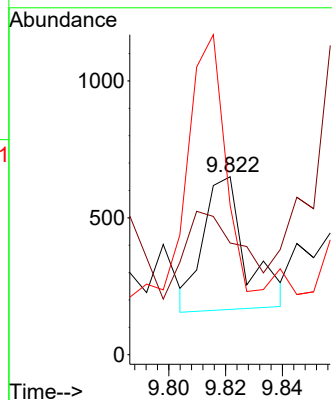
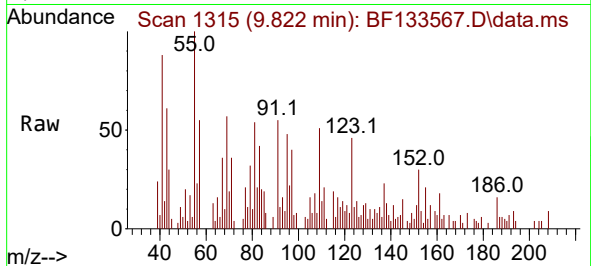




#53
3-Nitroaniline
Concen: 3.313 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

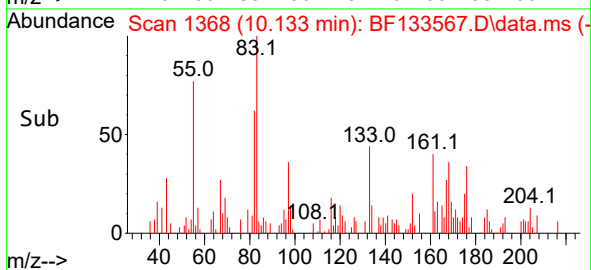
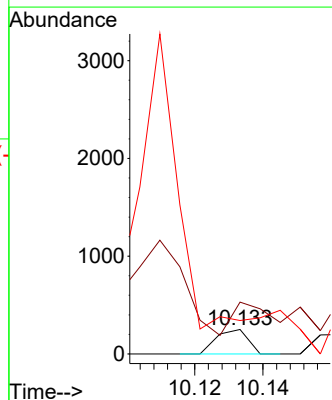
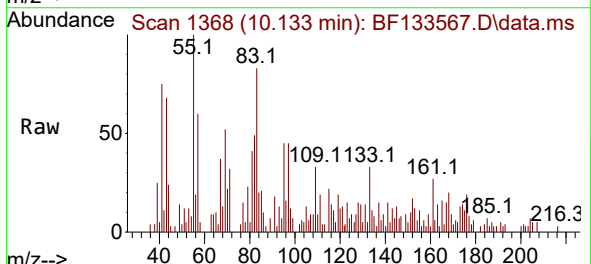
Instrument :
BNA_F
ClientSampleId :
ORA-1644

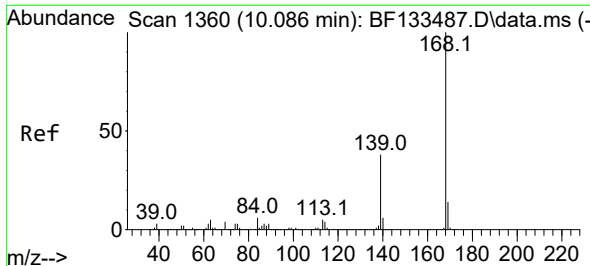
Tgt Ion:138 Resp: 510
Ion Ratio Lower Upper
138 100
108 62.8 11.9 17.9#
92 84.0 93.1 139.7#



#54
2,4-Dinitrophenol
Concen: 6.661 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.212 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:184 Resp: 161
Ion Ratio Lower Upper
184 100
63 211.6 55.7 83.5#
154 136.3 49.3 73.9#

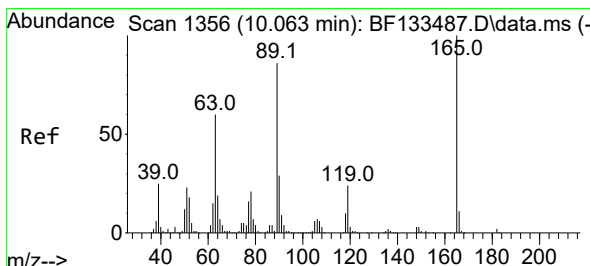
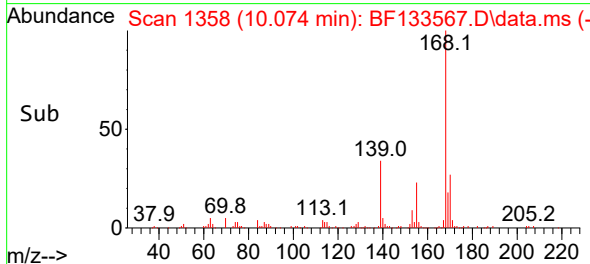
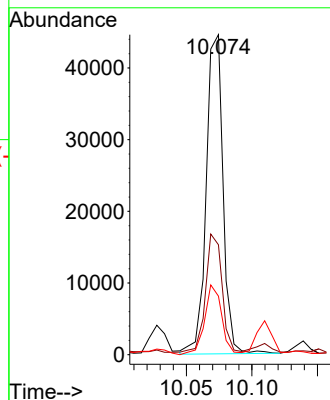
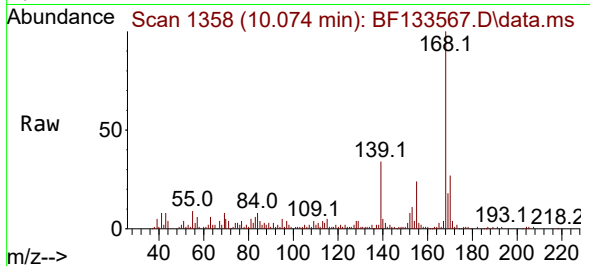




#55
Dibenzenofuran
Concen: 2.068 ng
RT: 10.074 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

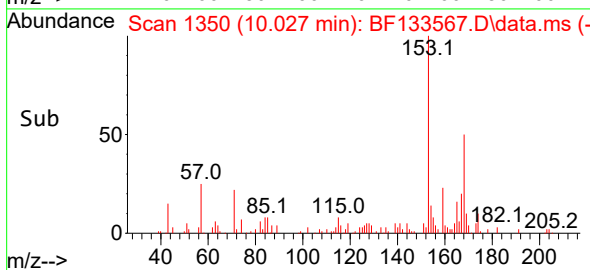
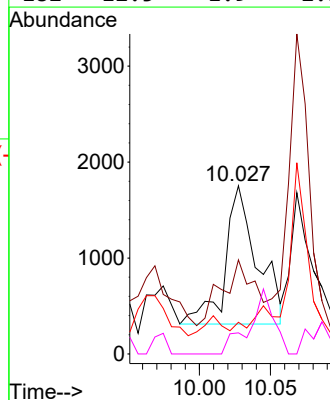
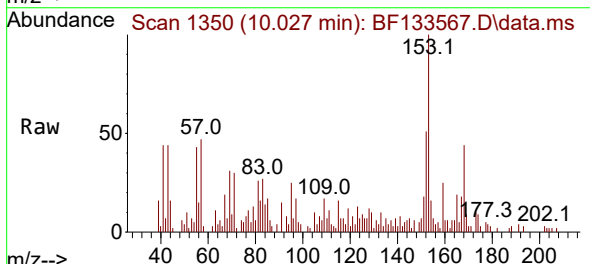
Instrument :
BNA_F
ClientSampleId :
ORA-1644

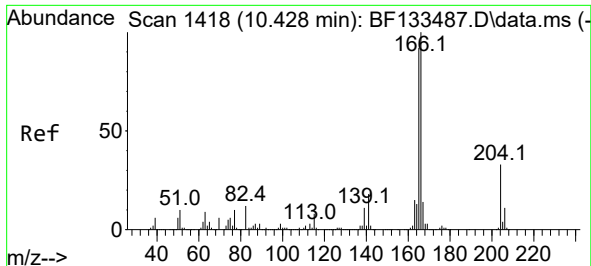
Tgt Ion:168 Resp: 39893
Ion Ratio Lower Upper
168 100
139 34.4 30.6 46.0
169 18.3 10.9 16.3#



#57
2,4-Dinitrotoluene
Concen: 5.321 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.029 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:165 Resp: 2254
Ion Ratio Lower Upper
165 100
63 56.0 48.1 72.1
89 18.8 68.4 102.6#
182 12.5 1.9 2.9#

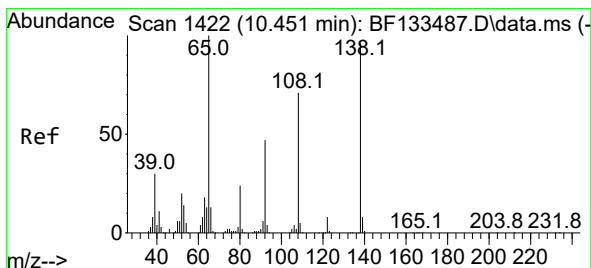
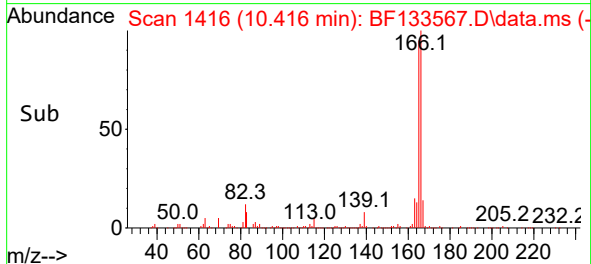
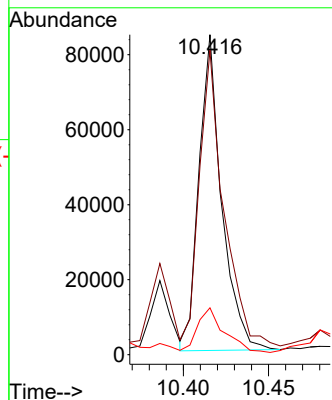
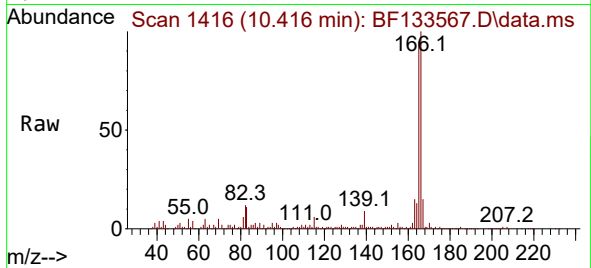




#58
Fluorene
Concen: 5.512 ng
RT: 10.416 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

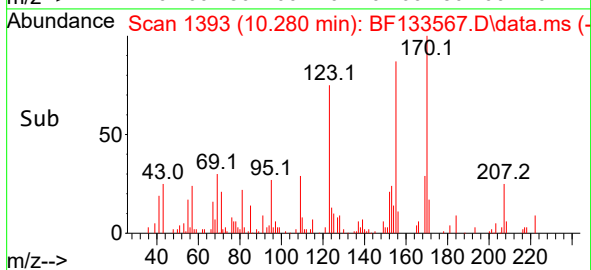
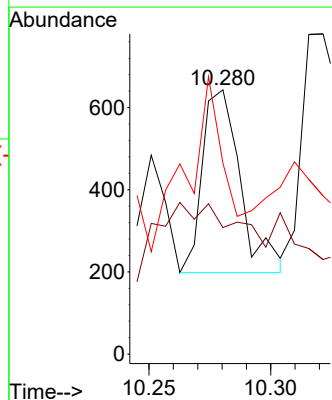
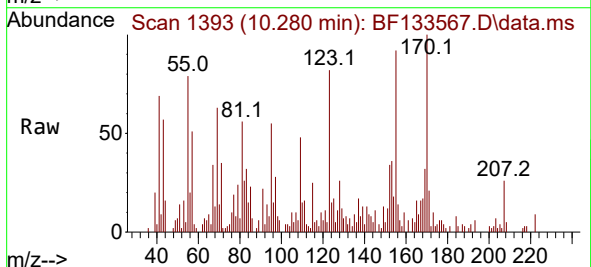
Instrument :
BNA_F
ClientSampleId :
ORA-1644

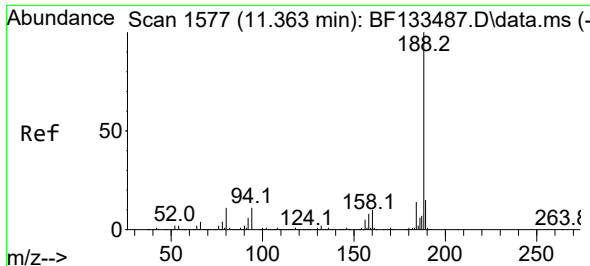
Tgt Ion:166 Resp: 77922
Ion Ratio Lower Upper
166 100
165 95.2 73.4 110.0
167 14.7 10.9 16.3



#62
4-Nitroaniline
Concen: 3.111 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.159 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:138 Resp: 485
Ion Ratio Lower Upper
138 100
92 47.9 28.4 68.4
108 72.3 54.2 94.2

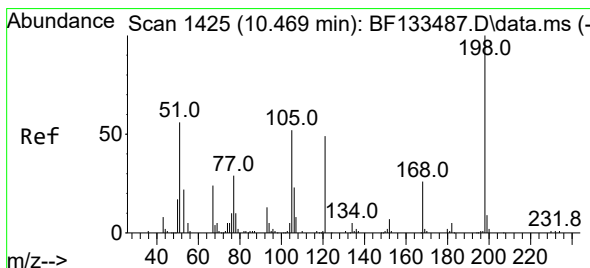
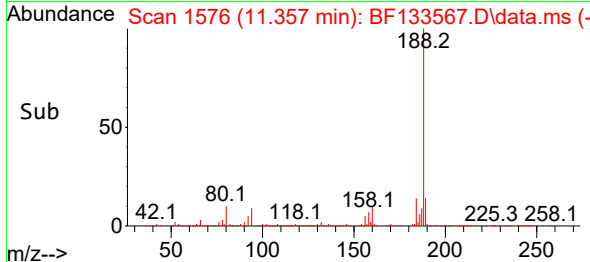
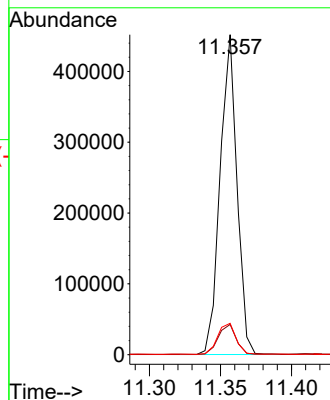
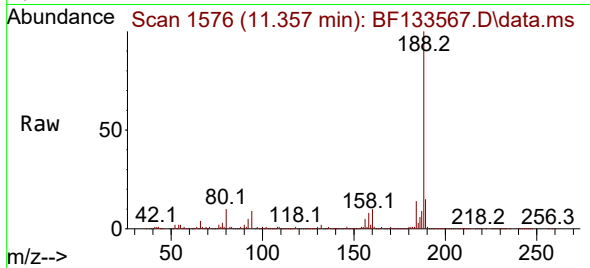




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

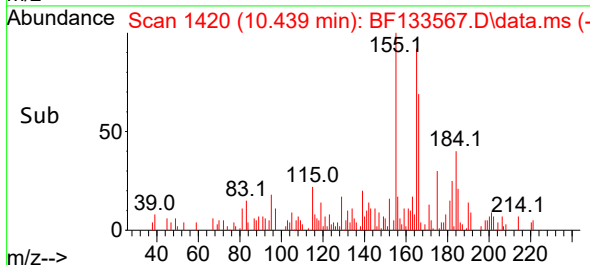
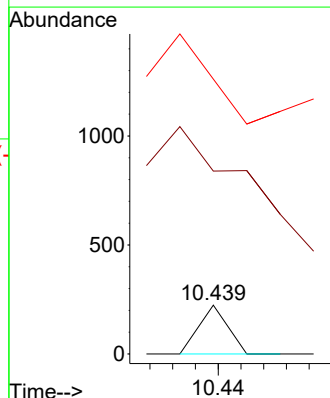
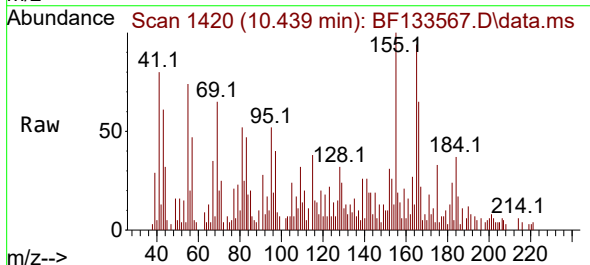
Instrument :
BNA_F
ClientSampleId :
ORA-1644

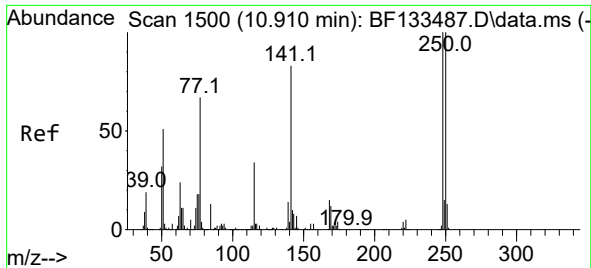
Tgt Ion:188 Resp: 372590
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 9.8 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.754 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.024 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:198 Resp: 79
Ion Ratio Lower Upper
198 100
51 374.6 53.6 93.6#
105 562.9 35.9 75.9#

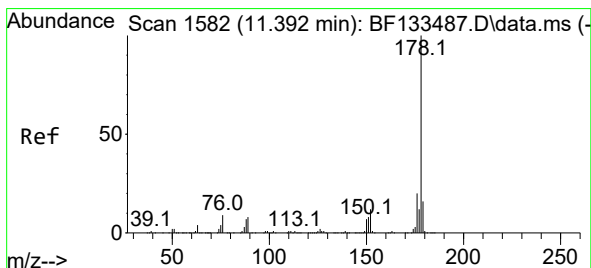
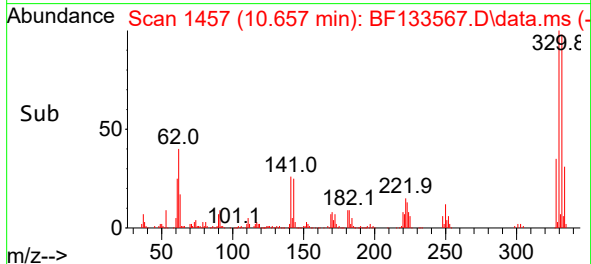
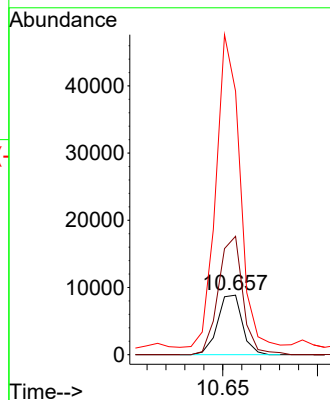
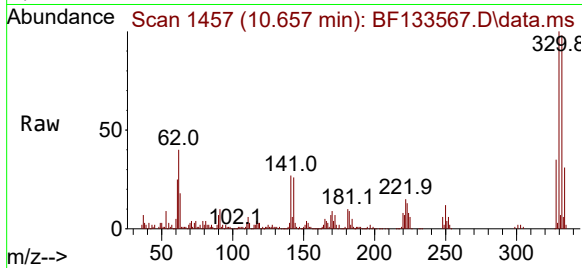




#67
4-Bromophenyl-phenylether
Concen: 2.038 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

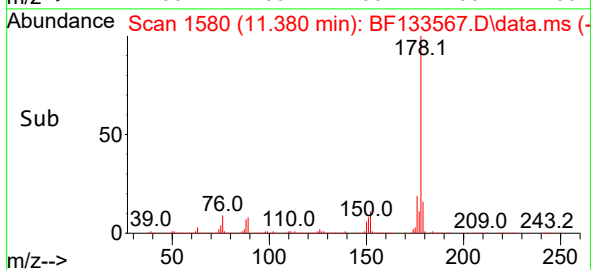
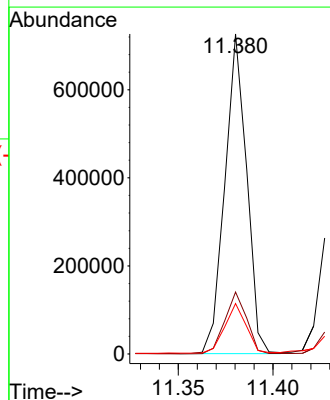
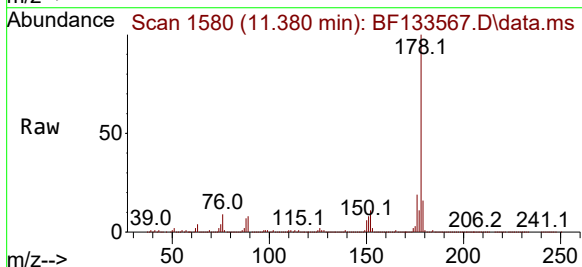
Instrument :
BNA_F
ClientSampleId :
ORA-1644

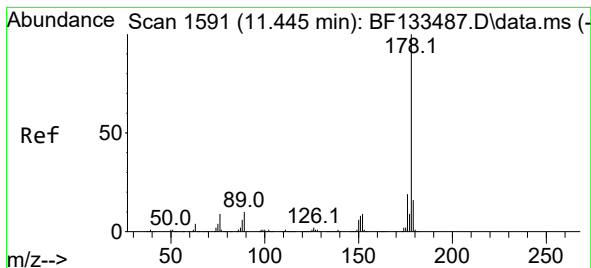
Tgt Ion:248 Resp: 8065
Ion Ratio Lower Upper
248 100
250 199.1 79.7 119.5#
141 443.2 66.6 100.0#



#71
Phenanthrene
Concen: 30.777 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:178 Resp: 580797
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.8 12.4 18.6





#72

Anthracene

Concen: 14.651 ng

RT: 11.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

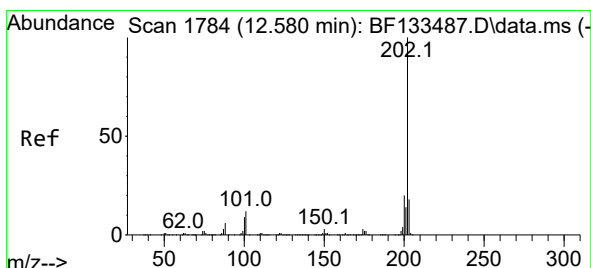
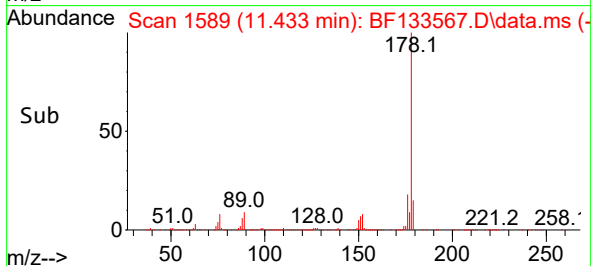
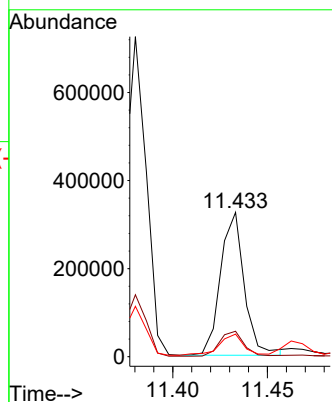
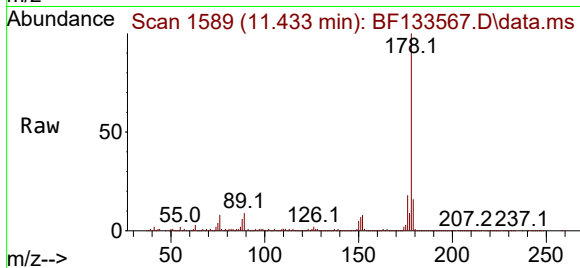
Tgt Ion:178 Resp: 284546

Ion Ratio Lower Upper

178 100

176 17.7 15.3 22.9

179 15.6 12.6 18.8



#75

Fluoranthene

Concen: 50.173 ng

RT: 12.574 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

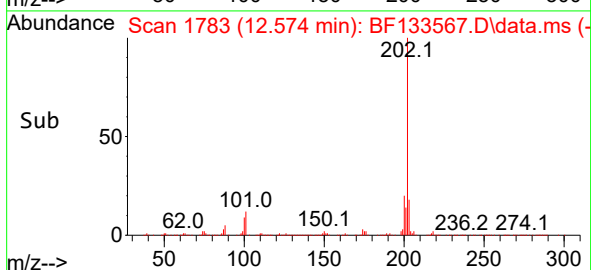
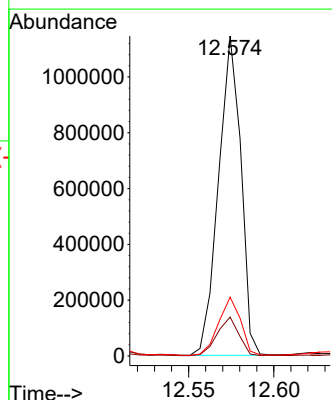
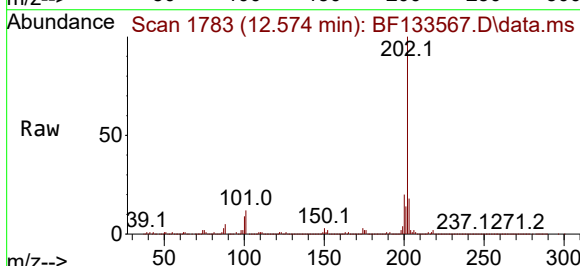
Tgt Ion:202 Resp: 1045851

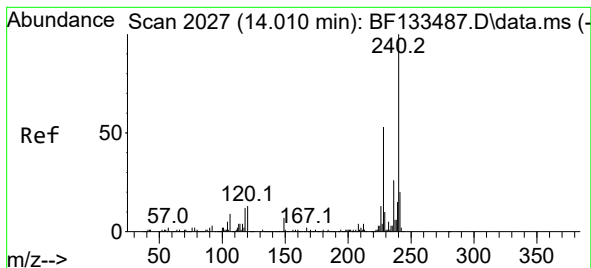
Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.2

203 18.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

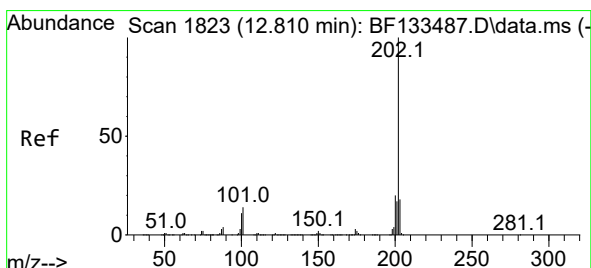
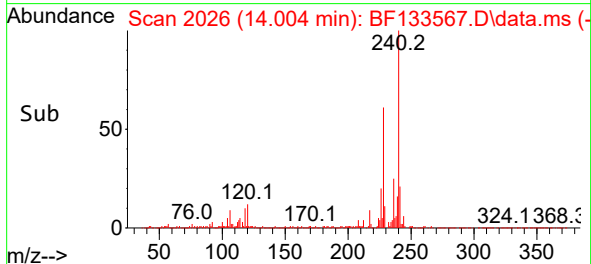
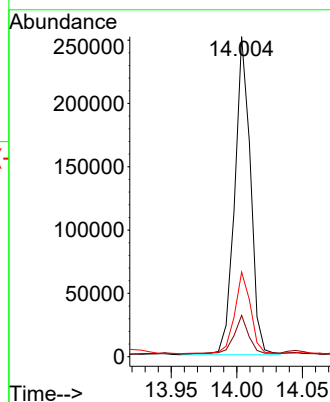
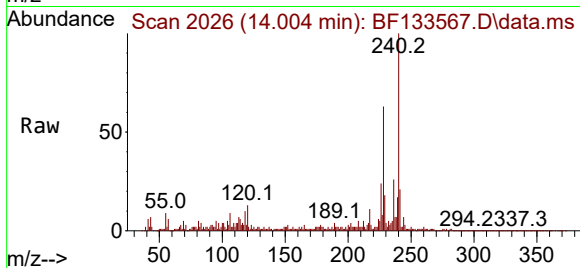
Tgt Ion:240 Resp: 211507

Ion Ratio Lower Upper

240 100

120 12.9 10.3 15.5

236 26.4 20.5 30.7



#78

Pyrene

Concen: 71.361 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

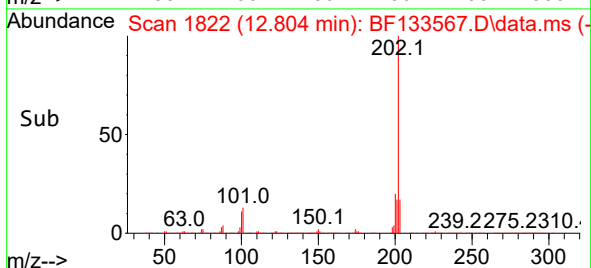
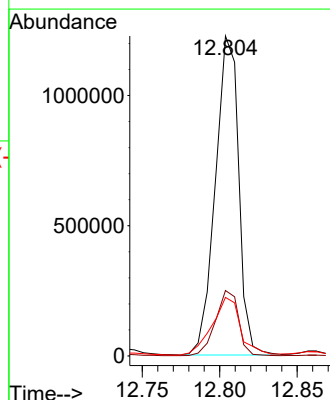
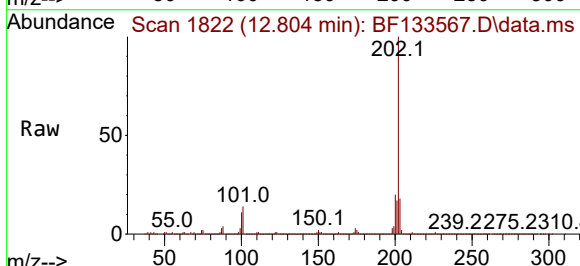
Tgt Ion:202 Resp: 1284369

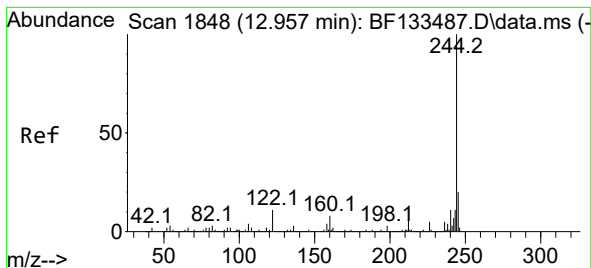
Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 18.3 14.3 21.5





#79

Terphenyl-d14

Concen: 51.485 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

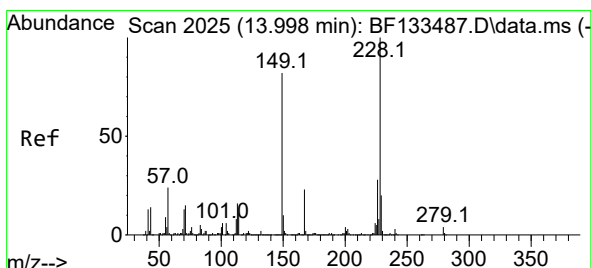
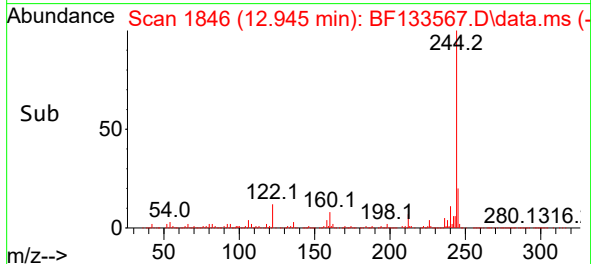
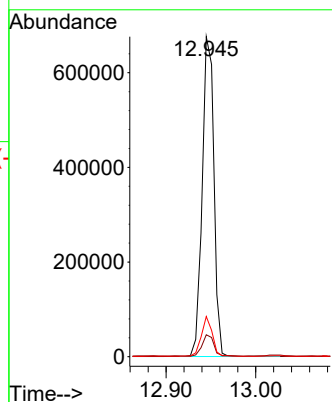
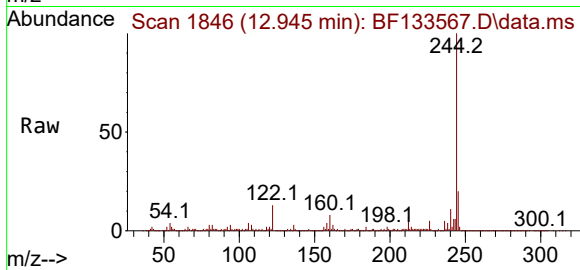
Tgt Ion:244 Resp: 612454

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 12.5 8.5 12.7



#81

Benzo(a)anthracene

Concen: 34.744 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.041 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

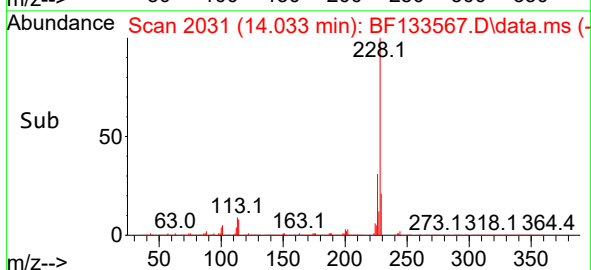
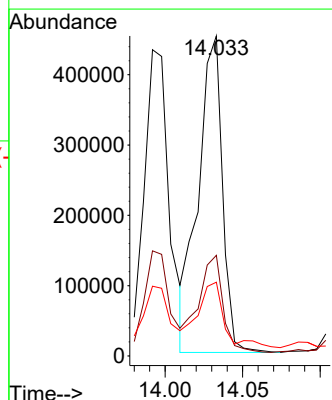
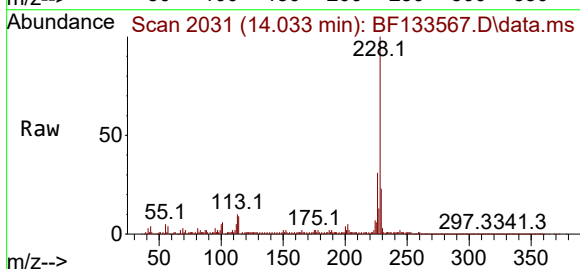
Tgt Ion:228 Resp: 489533

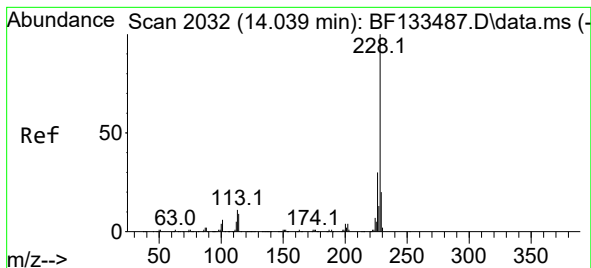
Ion Ratio Lower Upper

228 100

226 31.5 22.3 33.5

229 23.1 16.1 24.1





#83

Chrysene

Concen: 34.416 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

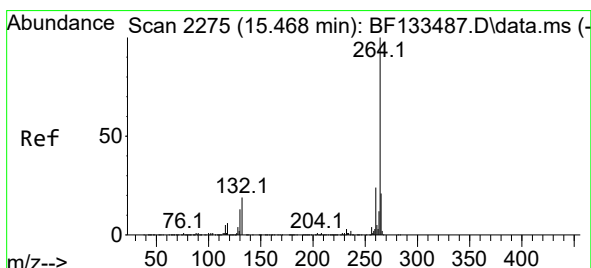
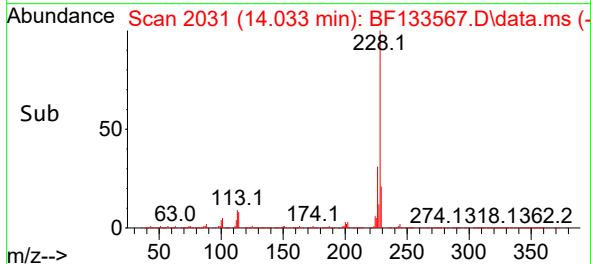
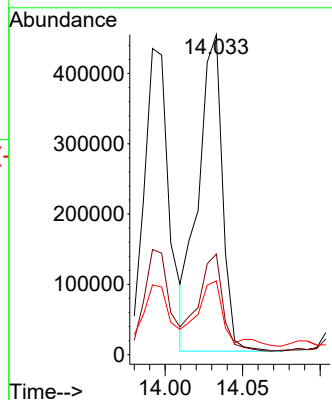
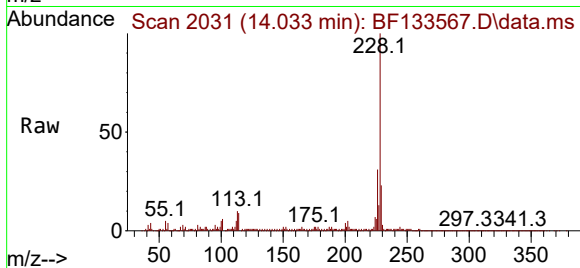
Tgt Ion:228 Resp: 489533

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

229 23.1 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

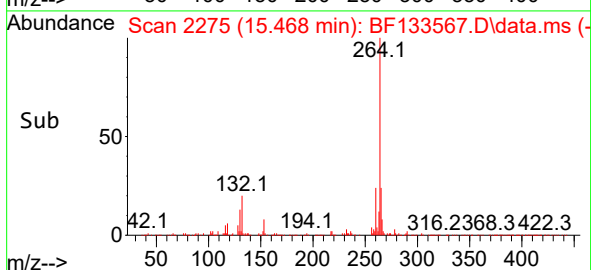
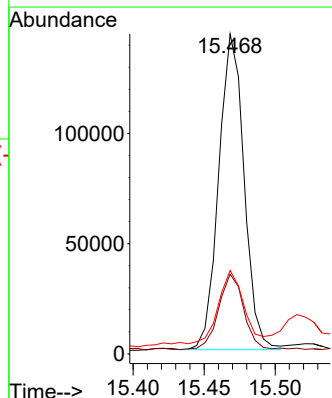
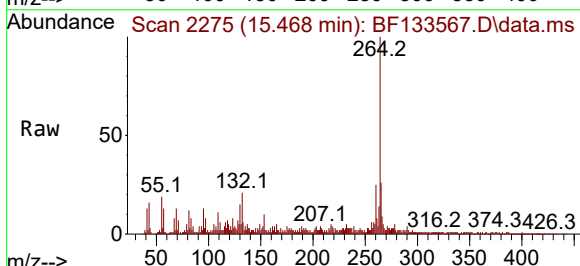
Tgt Ion:264 Resp: 177686

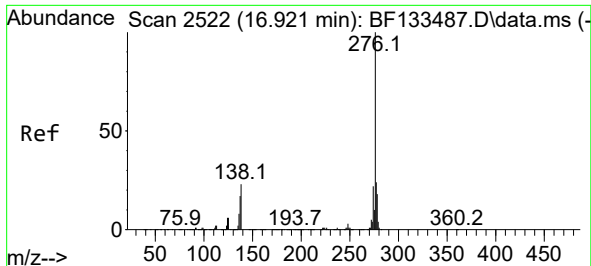
Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

265 26.1 16.8 25.2#

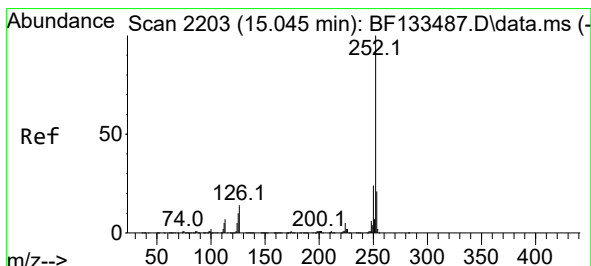
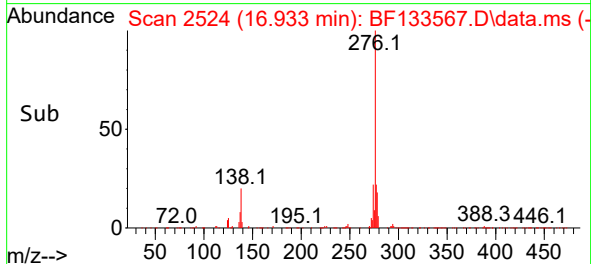
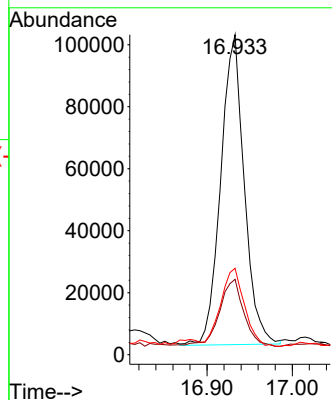
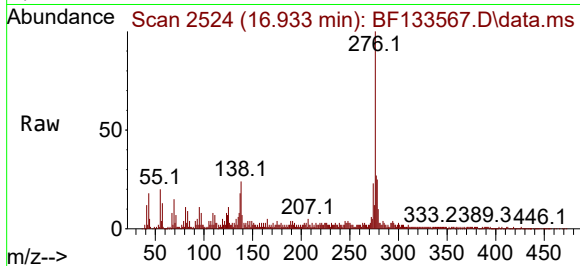




#87
Indeno(1,2,3-cd)pyrene
Concen: 16.986 ng
RT: 16.933 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

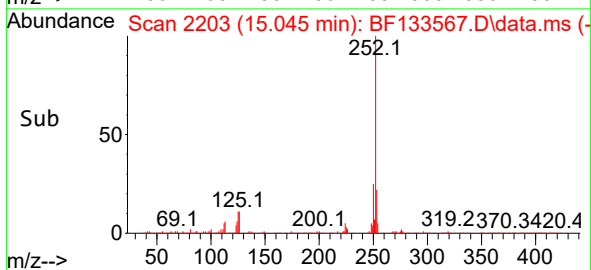
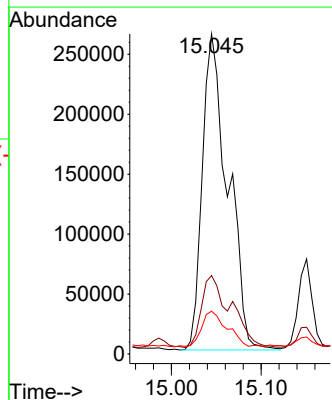
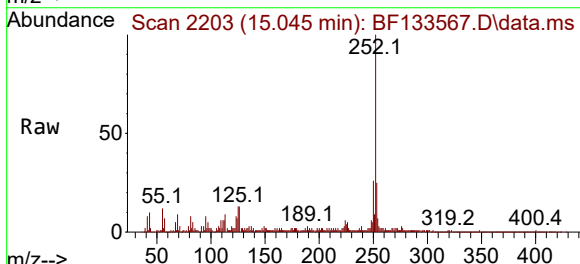
Instrument :
BNA_F
ClientSampleId :
ORA-1644

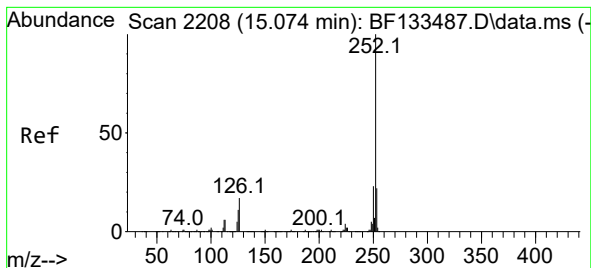
Tgt Ion:276 Resp: 192253
Ion Ratio Lower Upper
276 100
138 22.6 21.4 32.2
277 25.7 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 45.137 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.012 min
Lab File: BF133567.D
Acq: 05 Jun 2023 15:57

Tgt Ion:252 Resp: 522257
Ion Ratio Lower Upper
252 100
253 24.5 17.2 25.8
125 13.3 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 46.291 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

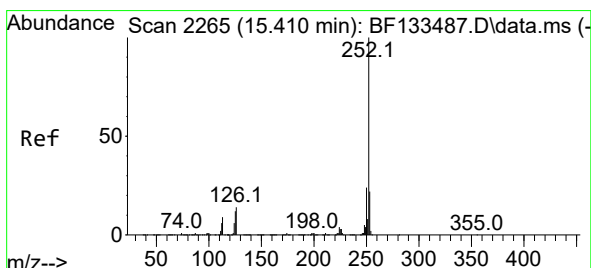
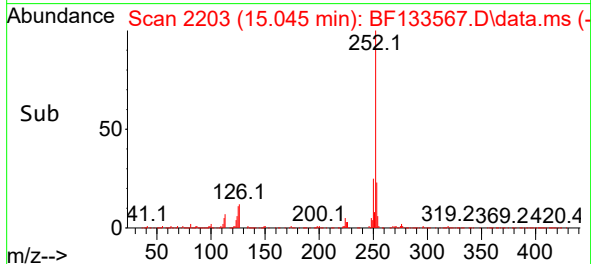
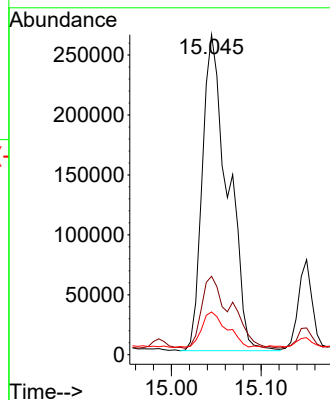
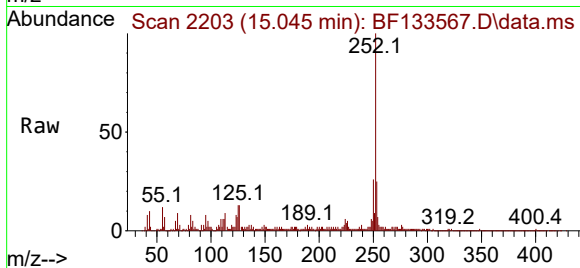
Tgt Ion:252 Resp: 522257

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.2

125 13.3 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 33.479 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.012 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

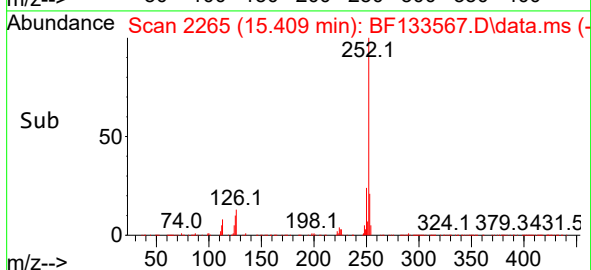
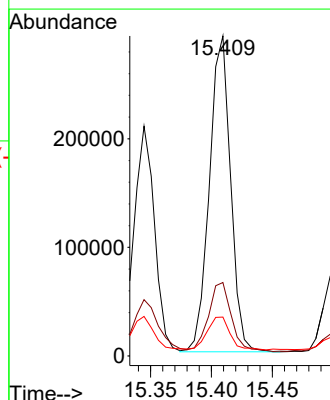
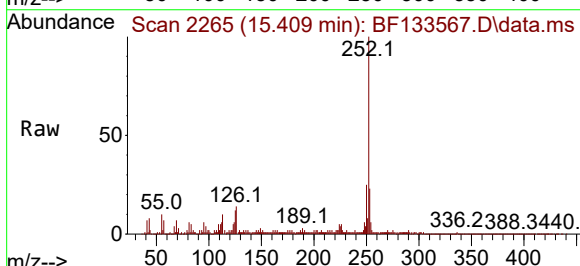
Tgt Ion:252 Resp: 352480

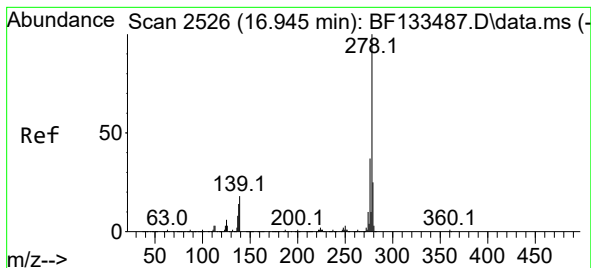
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 12.1 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 5.641 ng

RT: 16.939 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Instrument :

BNA_F

ClientSampleId :

ORA-1644

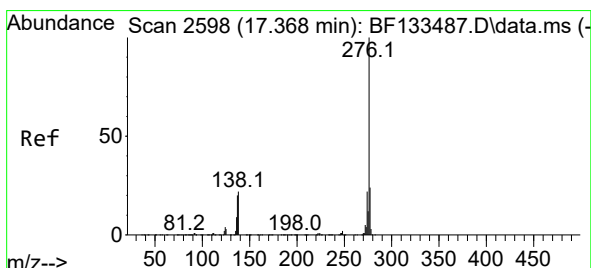
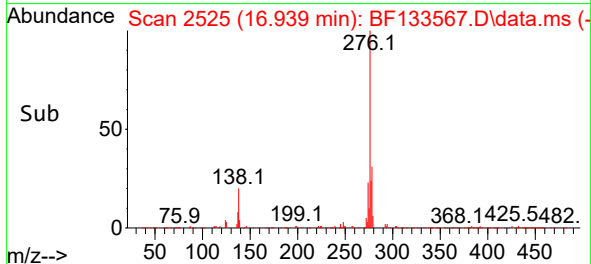
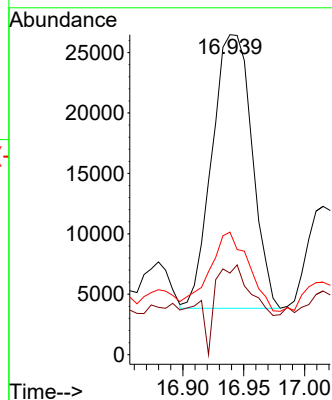
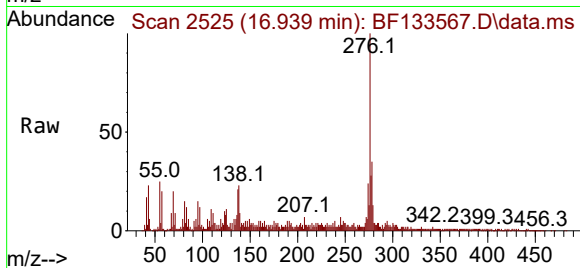
Tgt Ion:278 Resp: 51769

Ion Ratio Lower Upper

278 100

139 25.5 14.1 21.1#

279 38.3 19.7 29.5#



#92

Benzo(g,h,i)perylene

Concen: 25.039 ng

RT: 17.374 min Scan# 2599

Delta R.T. 0.029 min

Lab File: BF133567.D

Acq: 05 Jun 2023 15:57

Tgt Ion:276 Resp: 231684

Ion Ratio Lower Upper

276 100

277 25.8 18.8 28.2

138 25.0 17.8 26.6

