

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132687.D
 Acq On : 07 Mar 2023 20:10
 Operator : CG\JU
 Sample : 01827-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-030623

Quant Time: Mar 08 04:43:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

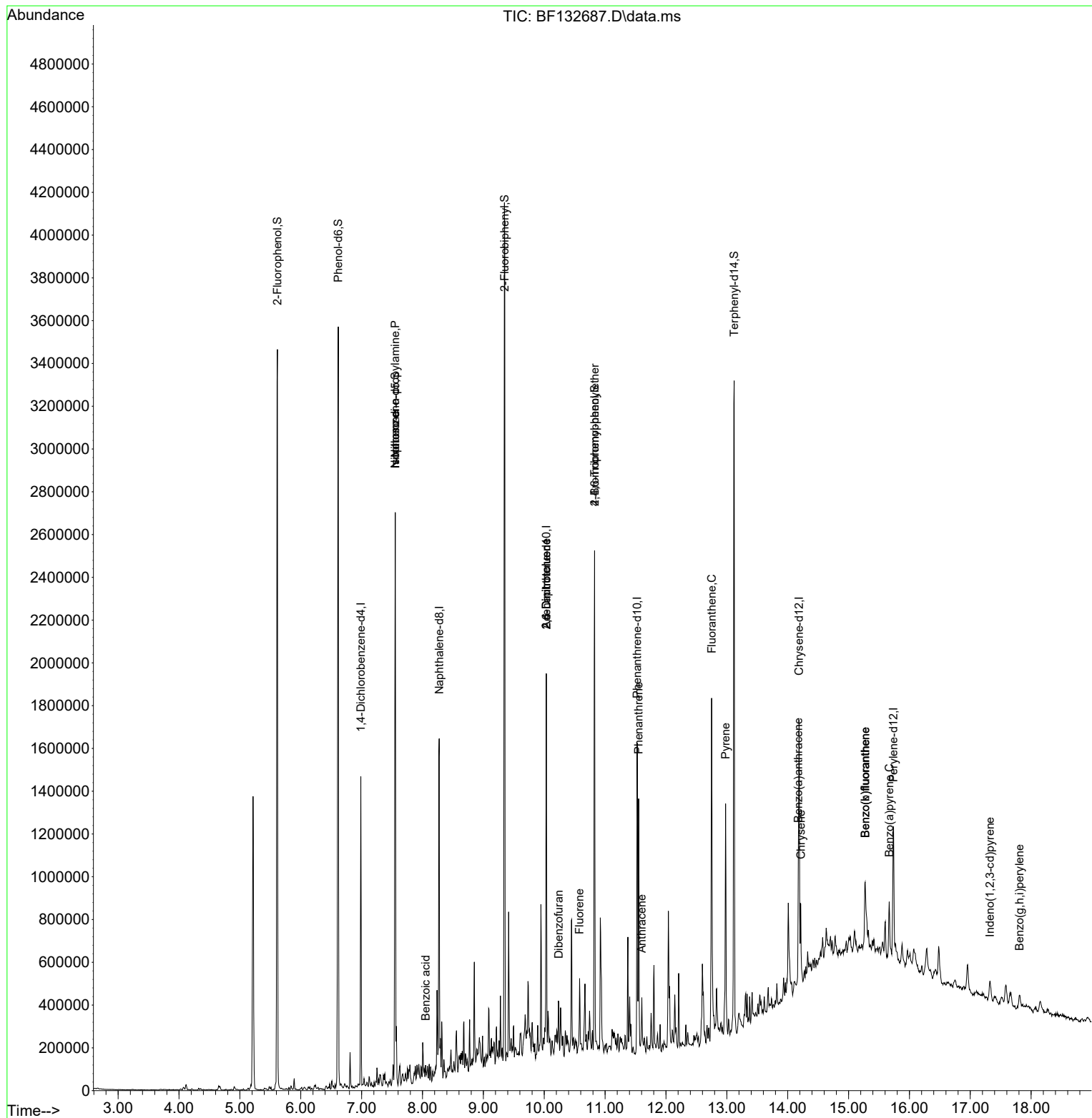
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	197475	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	698849	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	333880	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	531611	20.000	ng	0.00
76) Chrysene-d12	14.186	240	365726	20.000	ng	#-0.01
86) Perylene-d12	15.739	264	293748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1062726	87.341	ng	0.00
7) Phenol-d6	6.616	99	1344606	84.675	ng	0.00
23) Nitrobenzene-d5	7.551	82	855196	58.059	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	284915	79.017	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1293208	58.977	ng	0.00
79) Terphenyl-d14	13.122	244	1145312	52.948	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	117844	12.058	ng	# 74
25) Isophorone	7.551	82	854383	30.254	ng	# 67
32) Benzoic acid	8.051	122	713	3.912	ng	# 60
51) 2,6-Dinitrotoluene	10.033	165	47900	8.652	ng	# 22
55) Dibenzofuran	10.239	168	60365	2.045	ng	94
57) 2,4-Dinitrotoluene	10.033	165	47900	6.503	ng	# 21
58) Fluorene	10.581	166	78521	3.478	ng	98
67) 4-Bromophenyl-phenylether	10.828	248	18483	3.074	ng	# 1
71) Phenanthrene	11.551	178	399436	14.504	ng	98
72) Anthracene	11.604	178	94611	3.336	ng	98
75) Fluoranthene	12.751	202	427892	14.212	ng	99
78) Pyrene	12.980	202	393178	11.825	ng	99
81) Benzo(a)anthracene	14.174	228	194295	7.100	ng	98
83) Chrysene	14.216	228	172258	6.732	ng	97
87) Indeno(1,2,3-cd)pyrene	17.321	276	56508	2.936	ng	98
88) Benzo(b)fluoranthene	15.274	252	240030	12.193	ng	# 87
89) Benzo(k)fluoranthene	15.274	252	240030	12.459	ng	# 88
90) Benzo(a)pyrene	15.668	252	122142	6.629	ng	# 93
92) Benzo(g,h,i)perylene	17.809	276	55111	4.619	ng	# 93

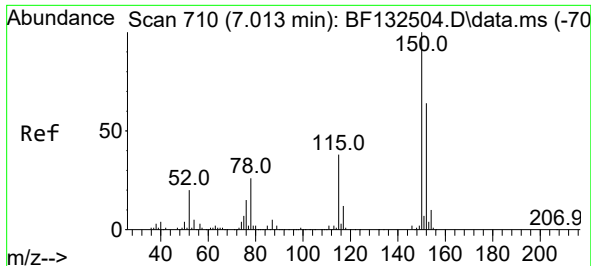
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132687.D
Acq On : 07 Mar 2023 20:10
Operator : CG\JU
Sample : 01827-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-030623

Quant Time: Mar 08 04:43:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

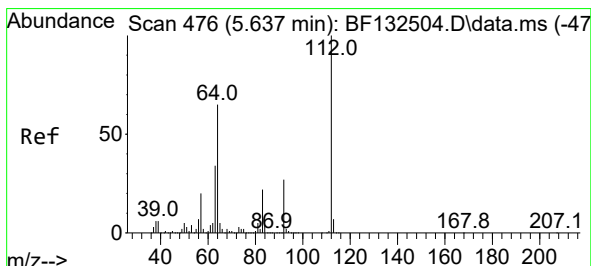
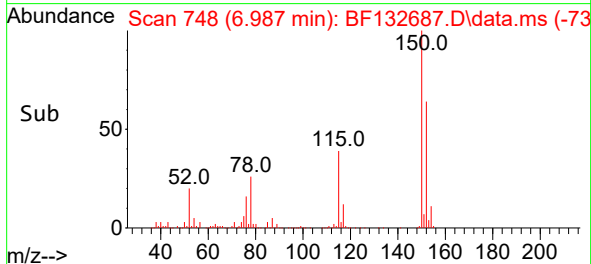
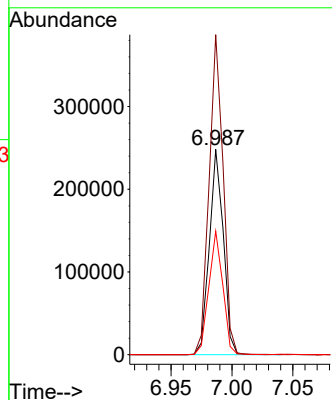
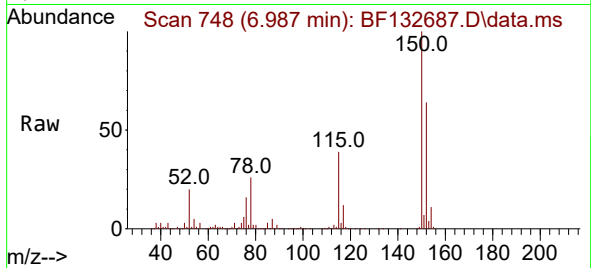




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

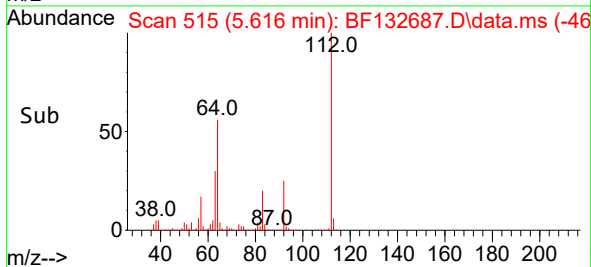
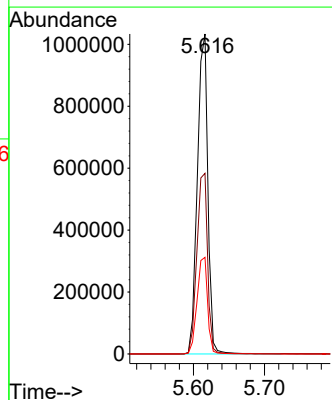
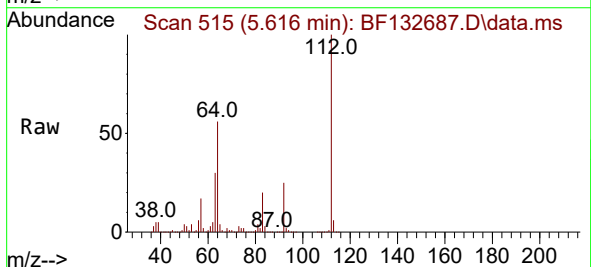
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

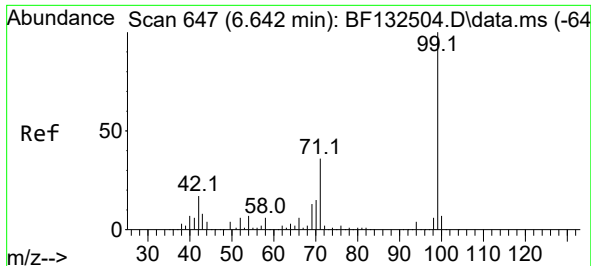
Tgt Ion:152 Resp: 197475
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.2
115 60.2 47.8 71.6



#5
2-Fluorophenol
Concen: 87.341 ng
RT: 5.616 min Scan# 515
Delta R.T. -0.000 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:112 Resp: 1062726
Ion Ratio Lower Upper
112 100
64 56.4 51.6 77.4
63 30.2 27.4 41.2

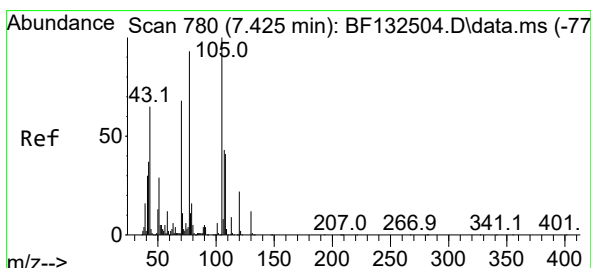
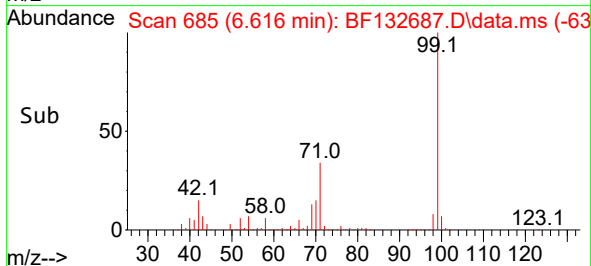
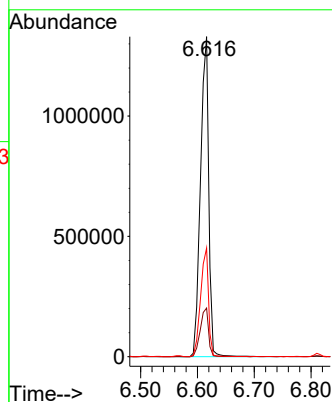
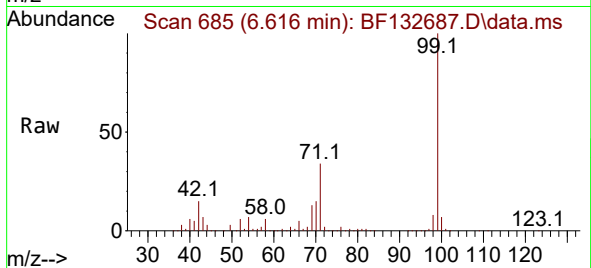




#7
Phenol-d6
Concen: 84.675 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

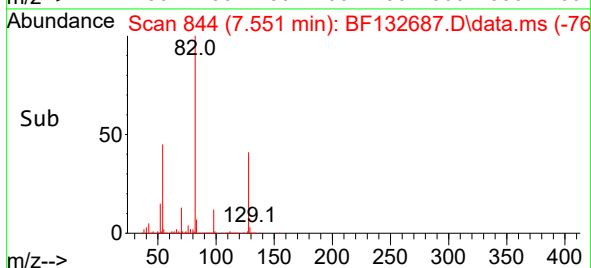
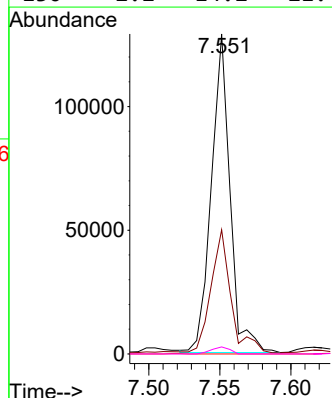
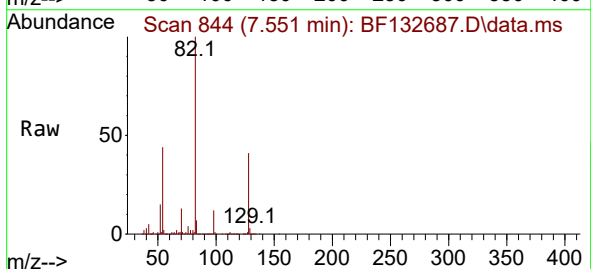
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

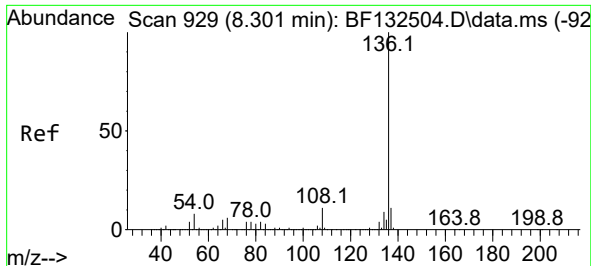
Tgt Ion: 99 Resp: 1344606
Ion Ratio Lower Upper
99 100
42 15.2 13.9 20.9
71 33.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.058 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion: 70 Resp: 117844
Ion Ratio Lower Upper
70 100
42 38.8 44.1 66.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#

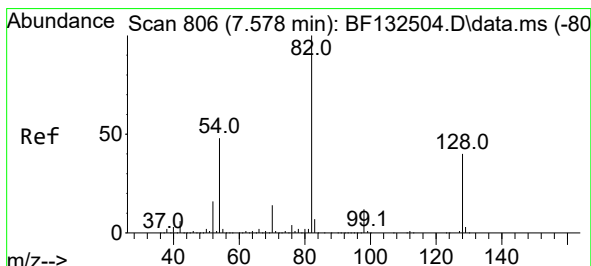
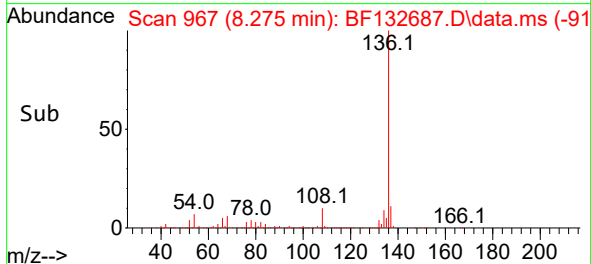
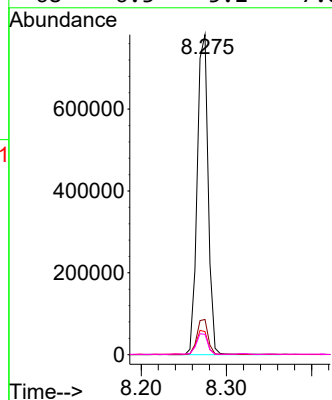
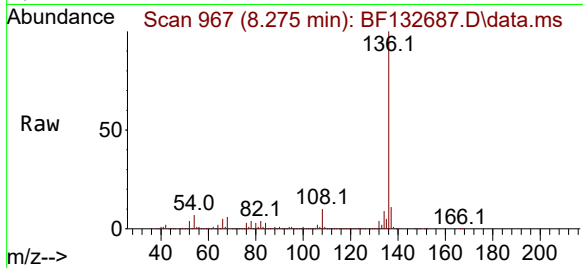




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

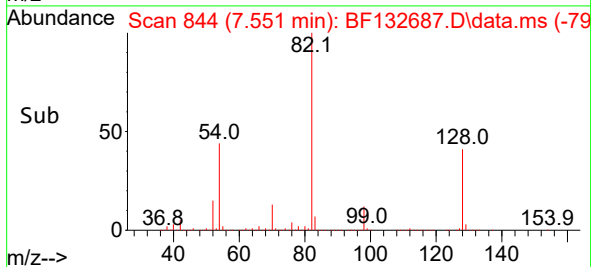
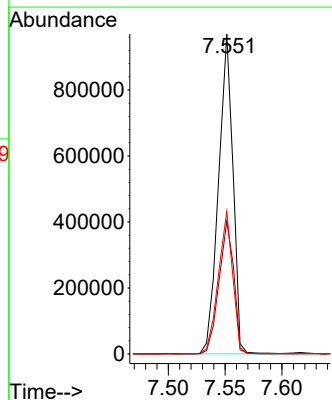
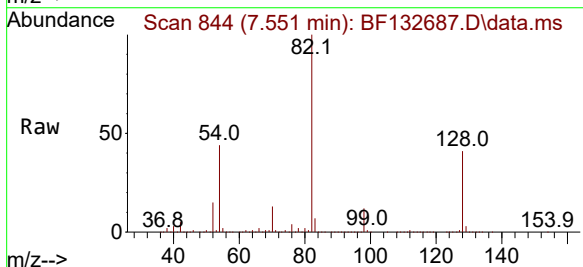
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

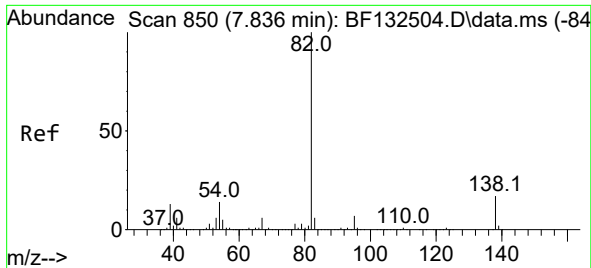
Tgt Ion:136 Resp: 698849
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.2 9.4
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 58.059 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion: 82 Resp: 855196
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 44.5 38.4 57.6

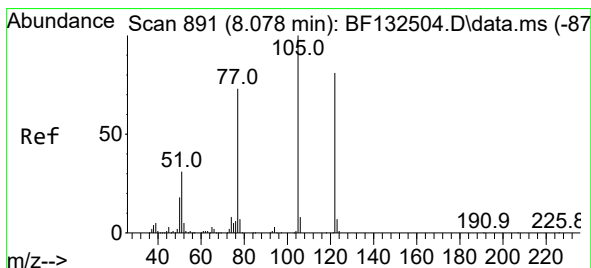
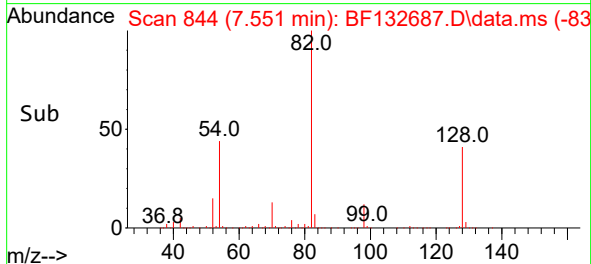
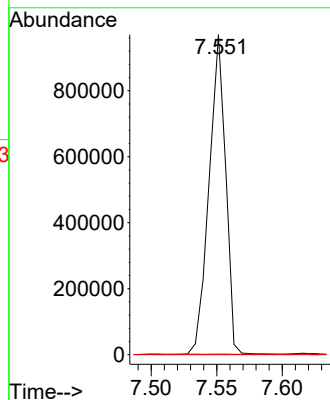
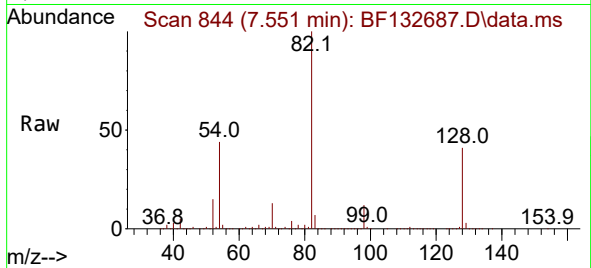




#25
Isophorone
Concen: 30.254 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

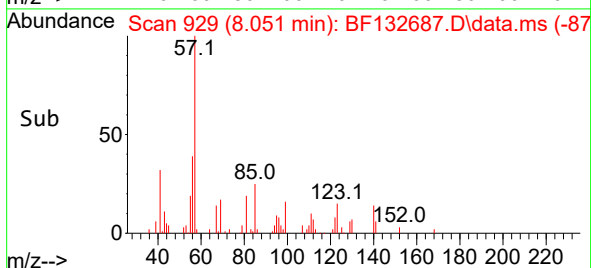
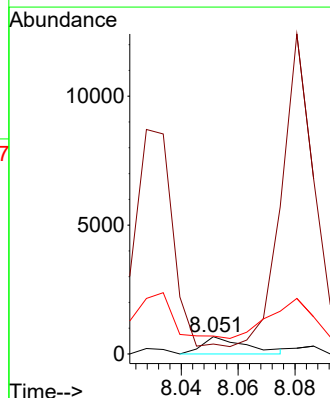
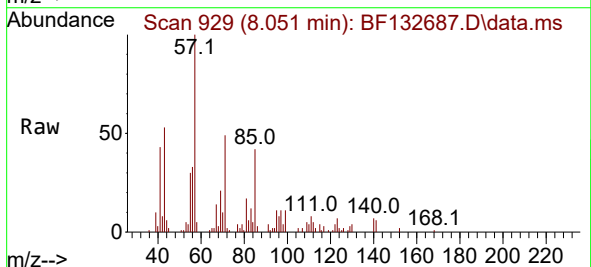
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

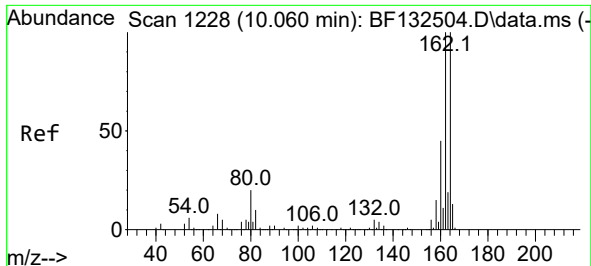
Tgt Ion: 82 Resp: 854383
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.912 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:122 Resp: 713
Ion Ratio Lower Upper
122 100
105 56.9 102.6 142.6#
77 104.0 70.2 110.2

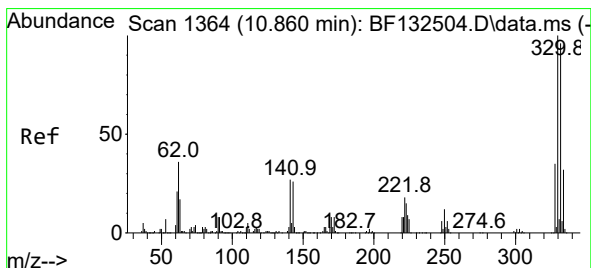
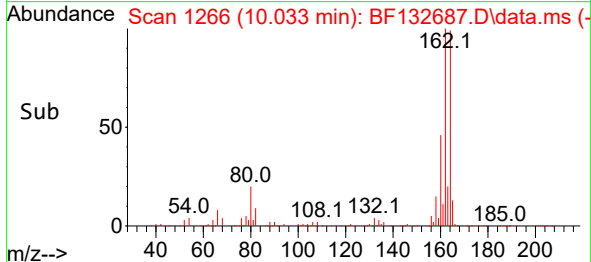
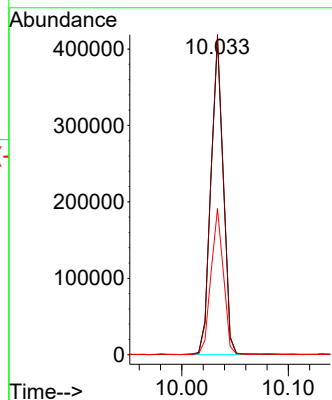
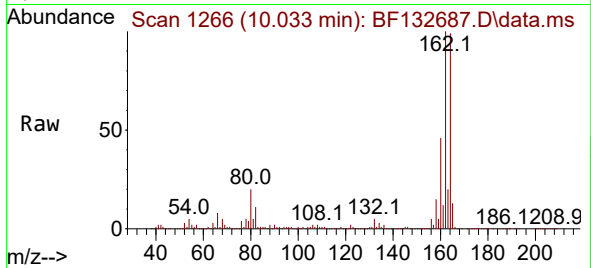




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

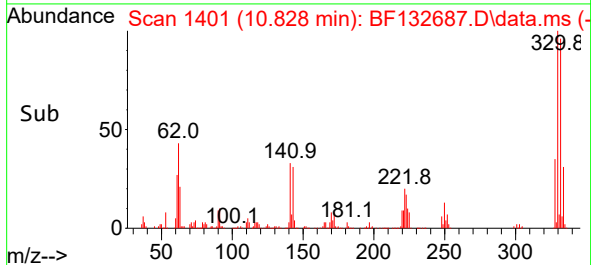
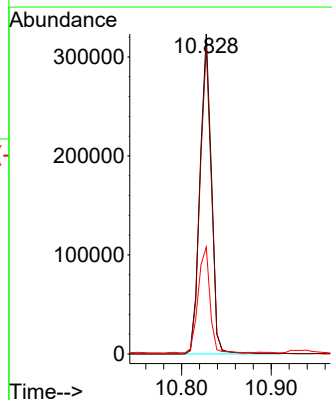
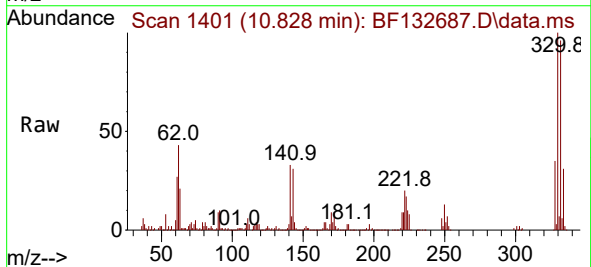
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

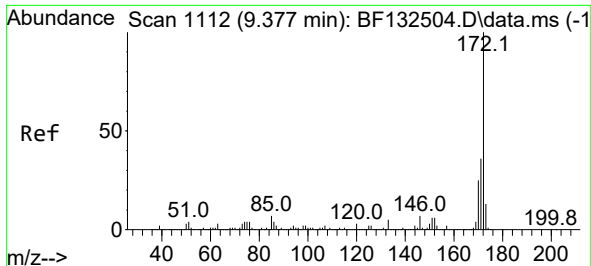
Tgt Ion:164 Resp: 333880
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.8
160 46.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 79.017 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:330 Resp: 284915
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 34.2 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 58.977 ng

RT: 9.351 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132687.D

Acq: 07 Mar 2023 20:10

Instrument :

BNA_F

ClientSampleId :

EO-03-030623

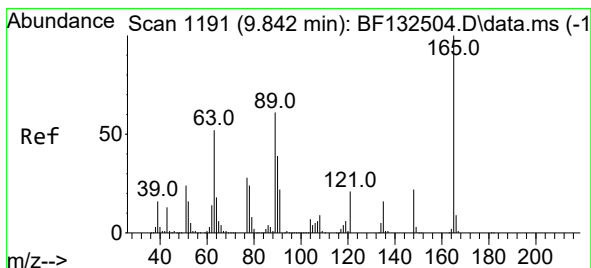
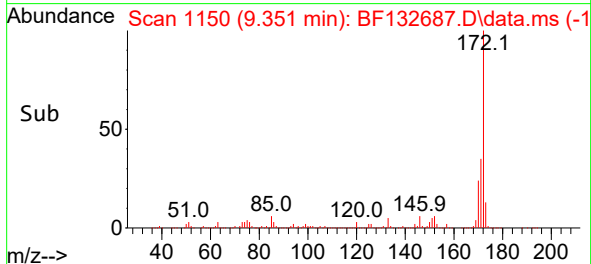
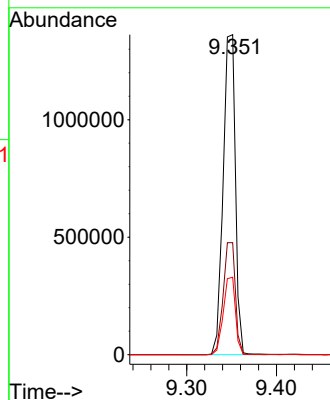
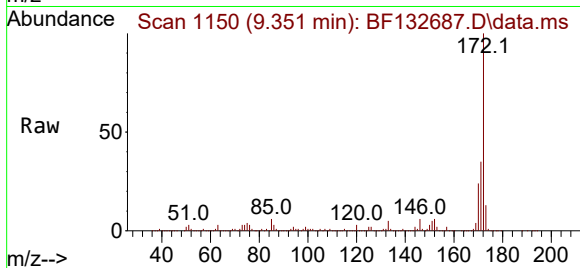
Tgt Ion:172 Resp: 1293208

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 24.2 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 8.652 ng

RT: 10.033 min Scan# 1266

Delta R.T. 0.212 min

Lab File: BF132687.D

Acq: 07 Mar 2023 20:10

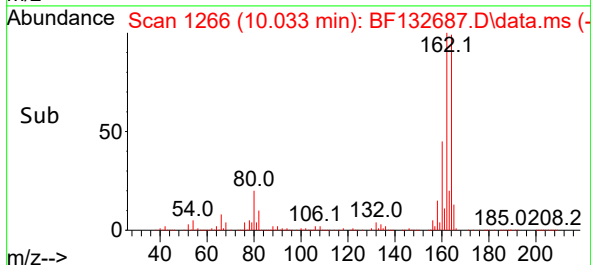
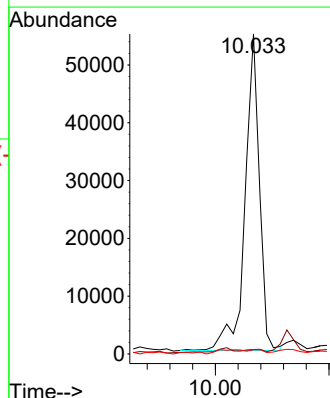
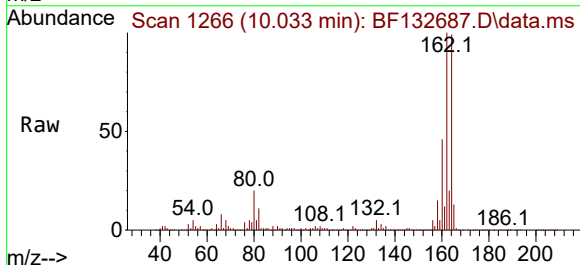
Tgt Ion:165 Resp: 47900

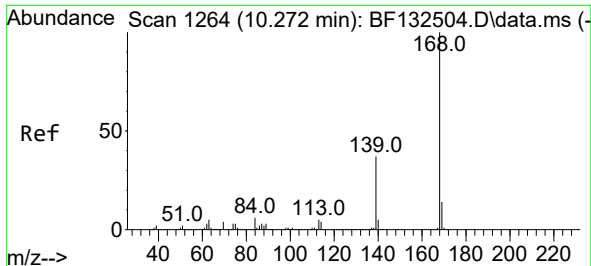
Ion Ratio Lower Upper

165 100

63 1.4 47.3 70.9#

89 1.3 48.9 73.3#

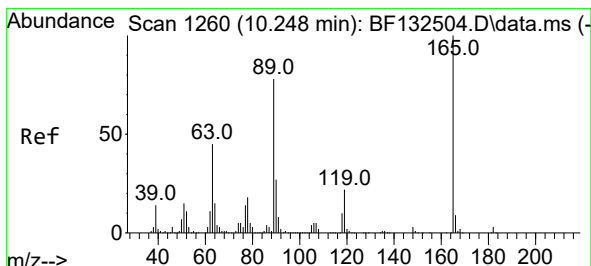
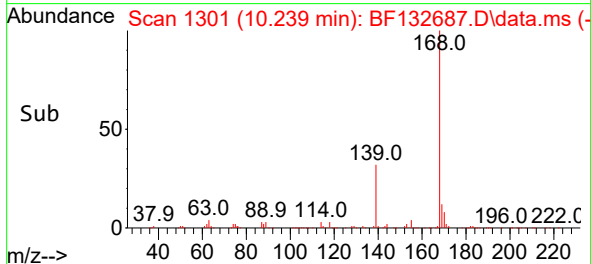
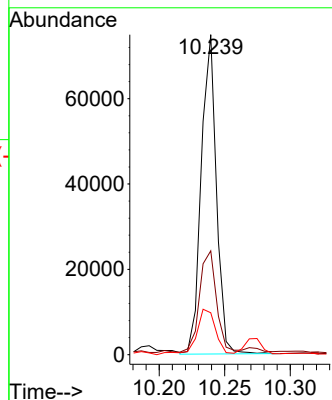
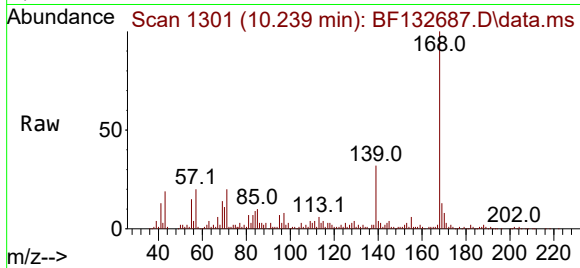




#55
Dibenzenofuran
Concen: 2.045 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

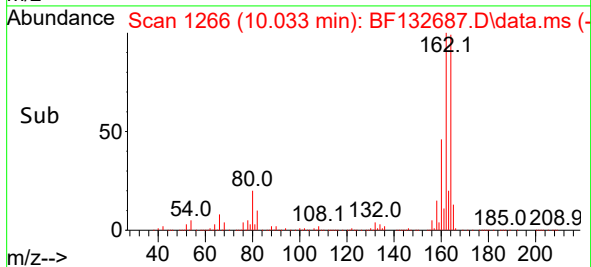
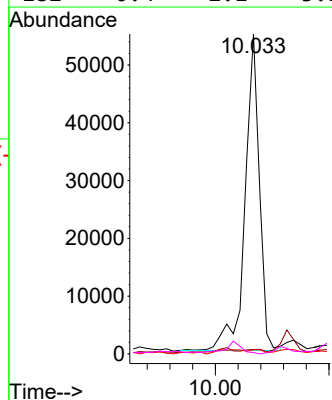
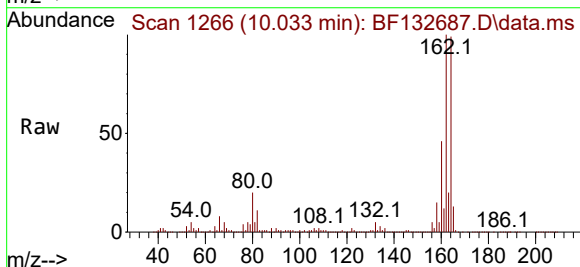
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

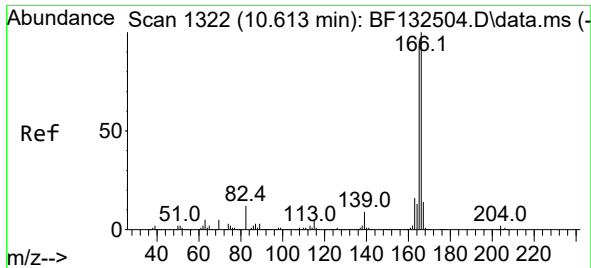
Tgt Ion:168 Resp: 60365
Ion Ratio Lower Upper
168 100
139 32.5 29.8 44.6
169 13.1 10.9 16.3



#57
2,4-Dinitrotoluene
Concen: 6.503 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.194 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:165 Resp: 47900
Ion Ratio Lower Upper
165 100
63 1.4 36.5 54.7#
89 1.3 62.4 93.6#
182 0.4 2.1 3.1#

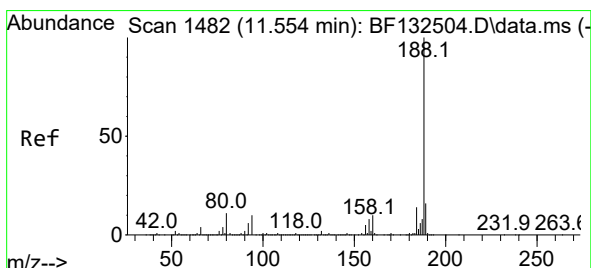
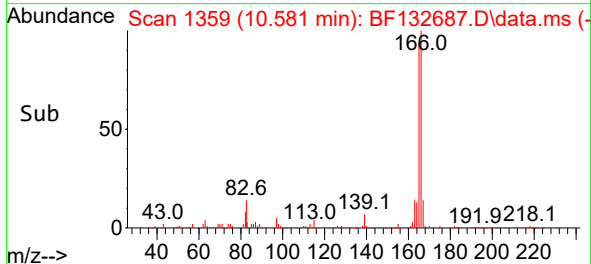
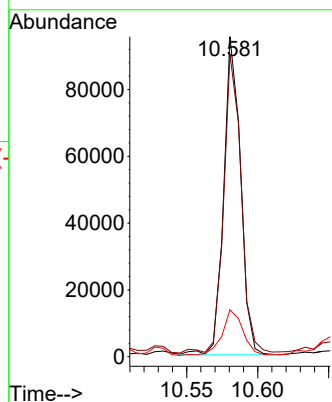
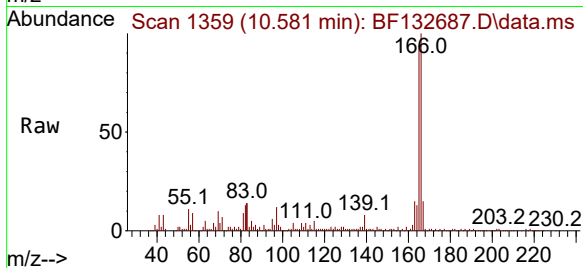




#58
 Fluorene
 Concen: 3.478 ng
 RT: 10.581 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF132687.D
 Acq: 07 Mar 2023 20:10

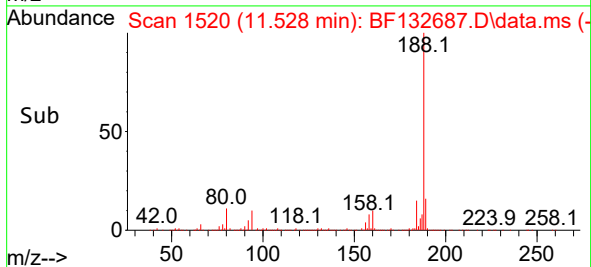
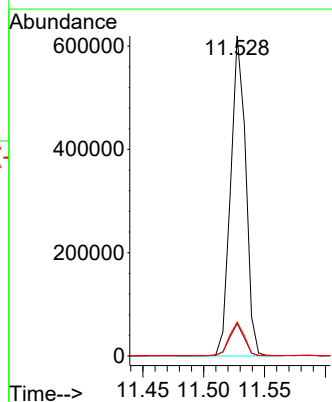
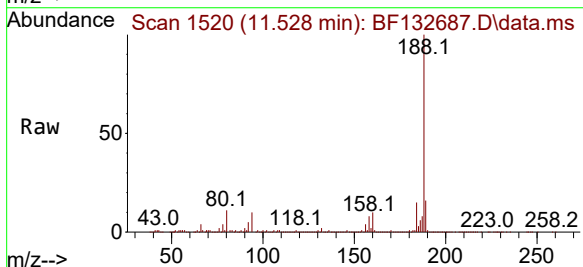
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-030623

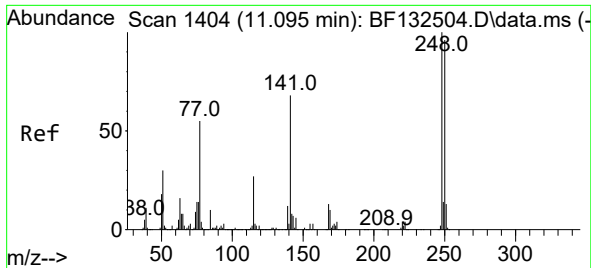
Tgt Ion:166 Resp: 78521
 Ion Ratio Lower Upper
 166 100
 165 94.5 74.2 111.4
 167 14.6 11.1 16.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.528 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: BF132687.D
 Acq: 07 Mar 2023 20:10

Tgt Ion:188 Resp: 531611
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.3 12.5
 80 10.6 8.7 13.1

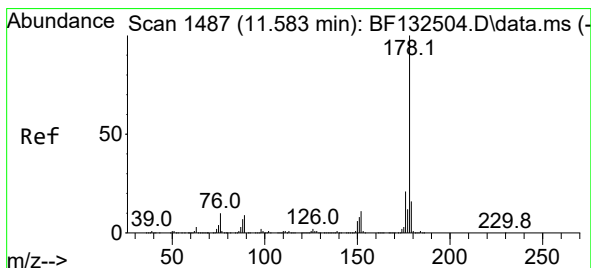
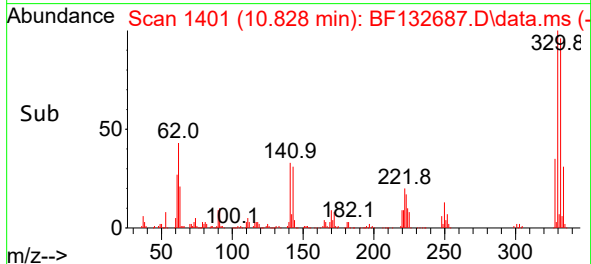
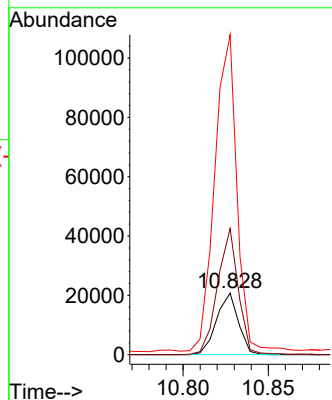
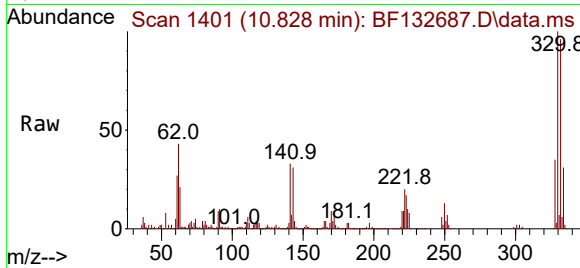




#67
4-Bromophenyl-phenylether
Concen: 3.074 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.247 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

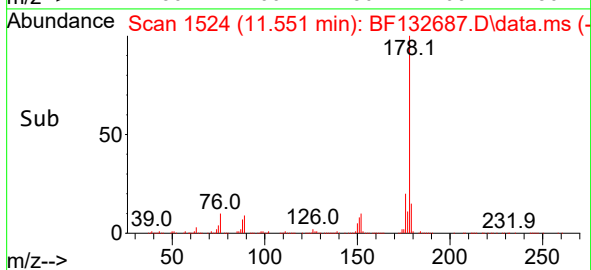
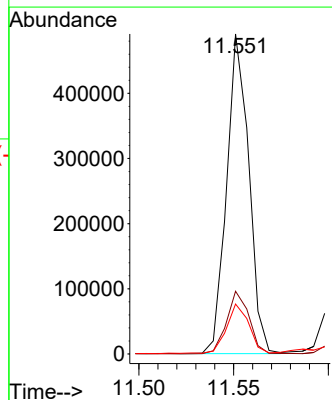
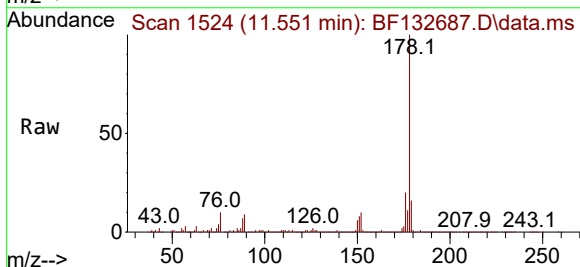
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

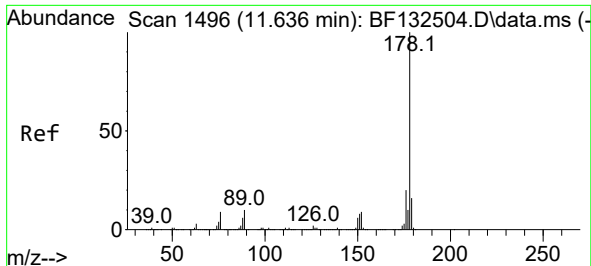
Tgt Ion:248 Resp: 18483
Ion Ratio Lower Upper
248 100
250 205.6 77.0 115.4#
141 521.1 54.2 81.2#



#71
Phenanthrene
Concen: 14.504 ng
RT: 11.551 min Scan# 1524
Delta R.T. -0.012 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:178 Resp: 399436
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.6 13.0 19.6

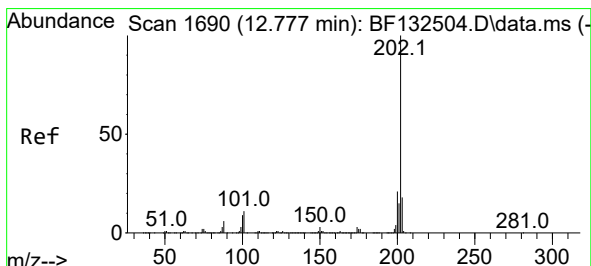
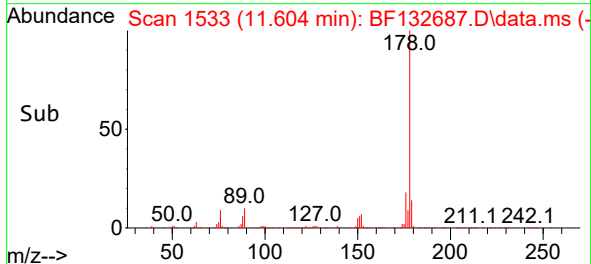
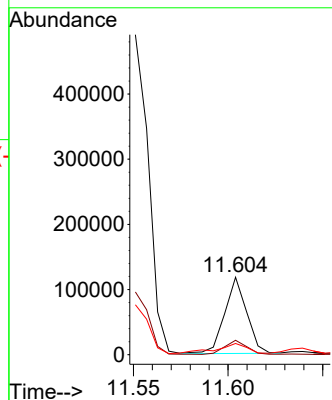
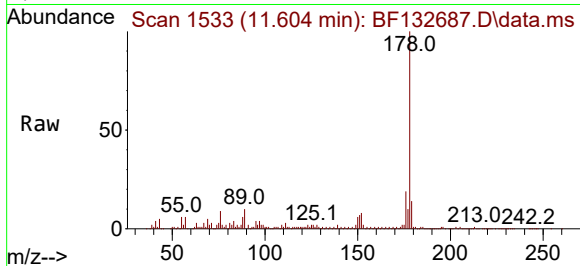




#72
 Anthracene
 Concen: 3.336 ng
 RT: 11.604 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF132687.D
 Acq: 07 Mar 2023 20:10

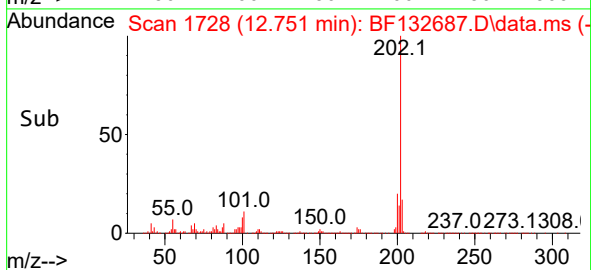
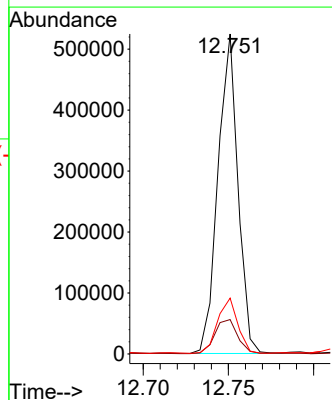
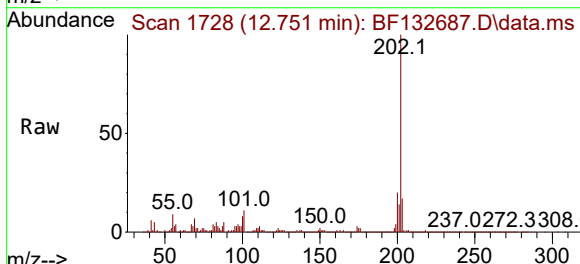
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-030623

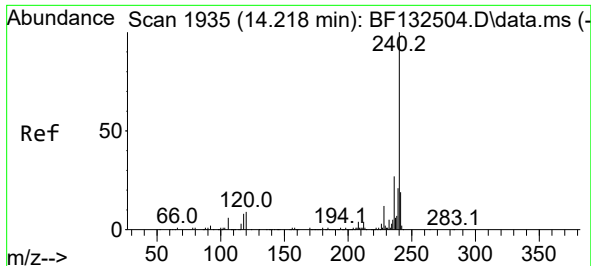
Tgt Ion:178 Resp: 94611
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 14.5 12.5 18.7



#75
 Fluoranthene
 Concen: 14.212 ng
 RT: 12.751 min Scan# 1728
 Delta R.T. -0.006 min
 Lab File: BF132687.D
 Acq: 07 Mar 2023 20:10

Tgt Ion:202 Resp: 427892
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.4
 203 17.5 0.0 38.0

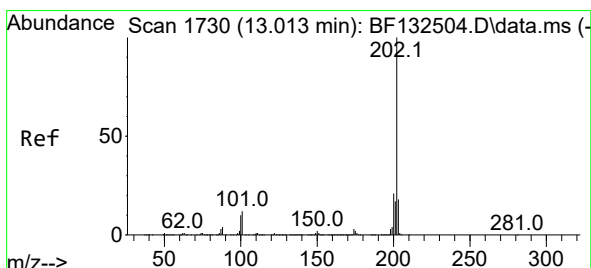
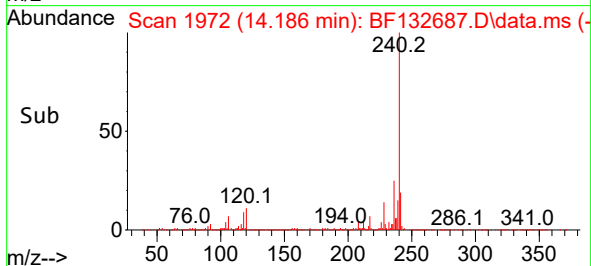
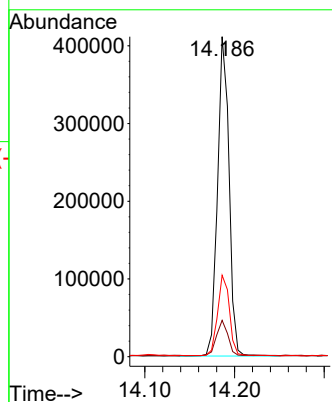
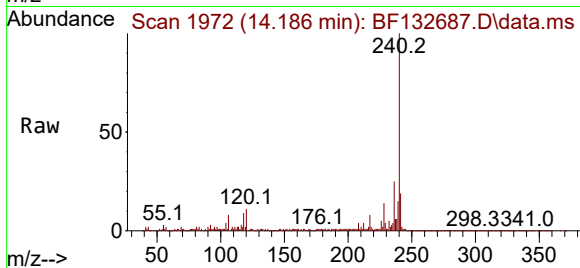




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

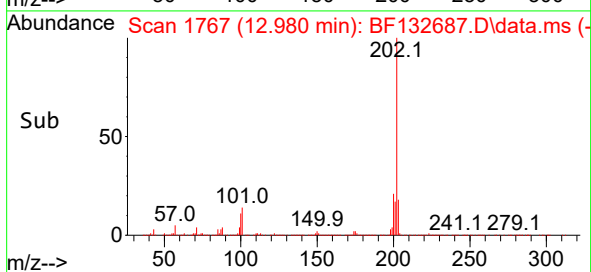
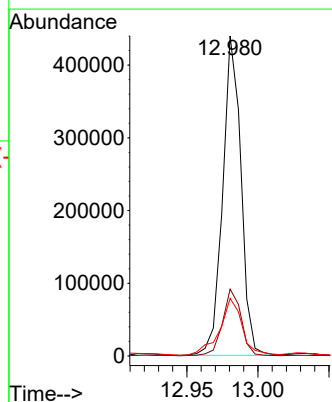
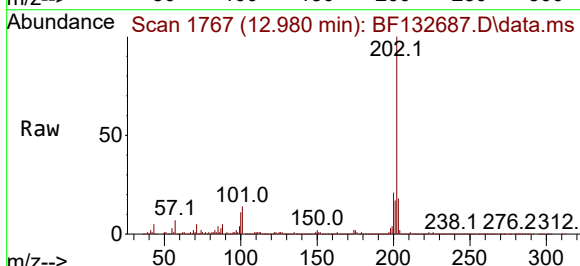
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

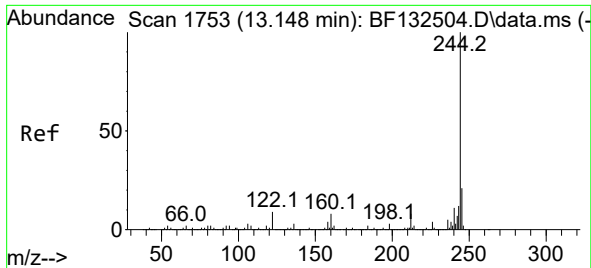
Tgt Ion:240 Resp: 365726
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 25.5 21.8 32.6



#78
Pyrene
Concen: 11.825 ng
RT: 12.980 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:202 Resp: 393178
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 18.0 14.6 21.8

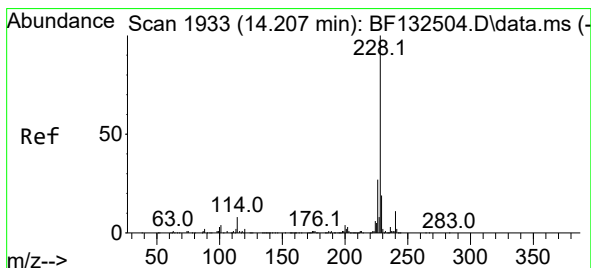
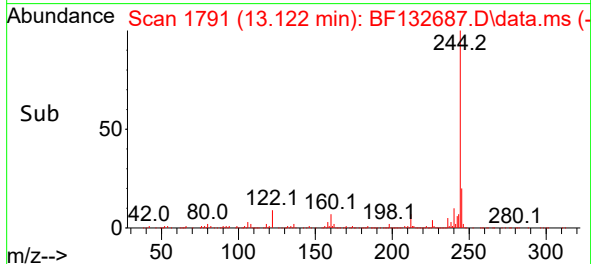
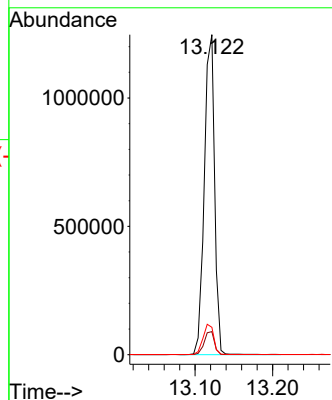
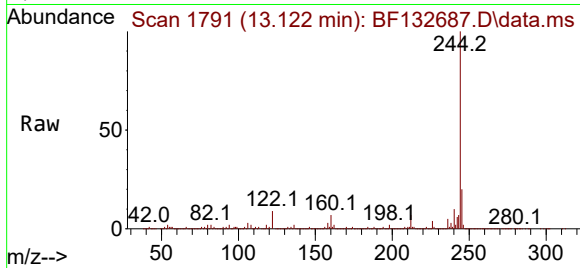




#79
 Terphenyl-d14
 Concen: 52.948 ng
 RT: 13.122 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132687.D
 Acq: 07 Mar 2023 20:10

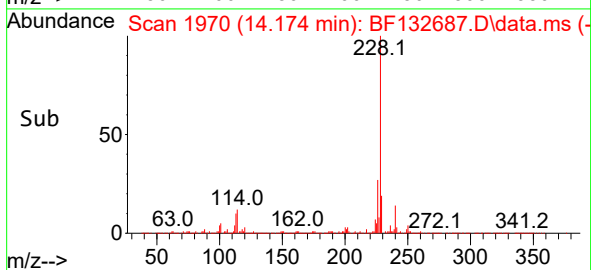
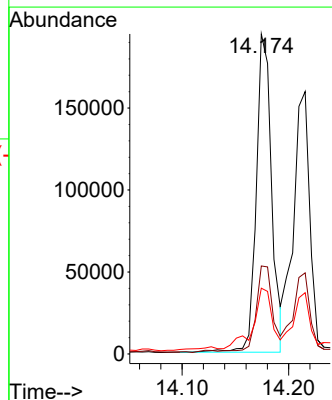
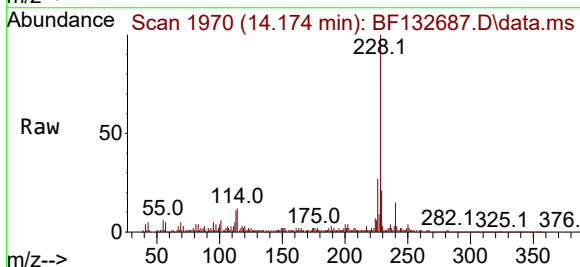
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-030623

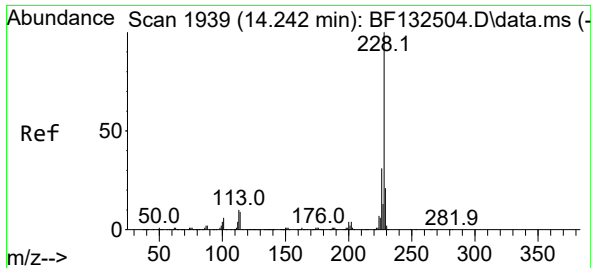
Tgt Ion:244 Resp: 1145312
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.6 7.5 11.3



#81
 Benzo(a)anthracene
 Concen: 7.100 ng
 RT: 14.174 min Scan# 1970
 Delta R.T. -0.012 min
 Lab File: BF132687.D
 Acq: 07 Mar 2023 20:10

Tgt Ion:228 Resp: 194295
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.7 32.5
 229 20.6 15.4 23.2





#83

Chrysene

Concen: 6.732 ng

RT: 14.216 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BF132687.D

Acq: 07 Mar 2023 20:10

Instrument :

BNA_F

ClientSampleId :

EO-03-030623

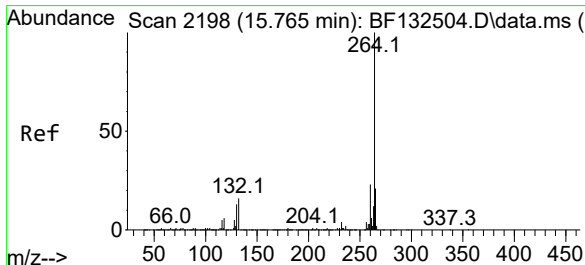
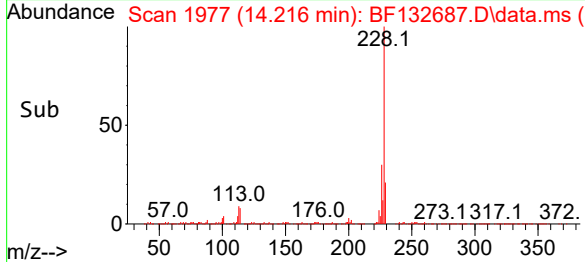
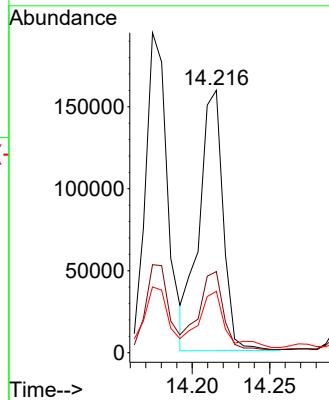
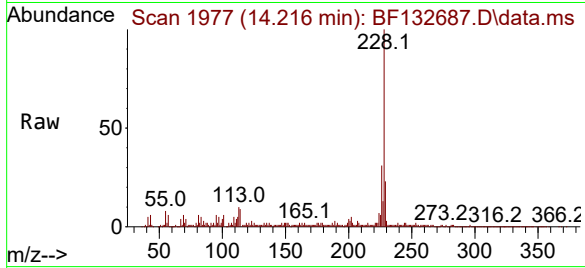
Tgt Ion:228 Resp: 172258

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 23.3 16.4 24.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.739 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF132687.D

Acq: 07 Mar 2023 20:10

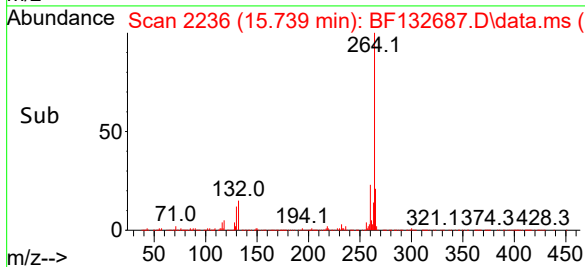
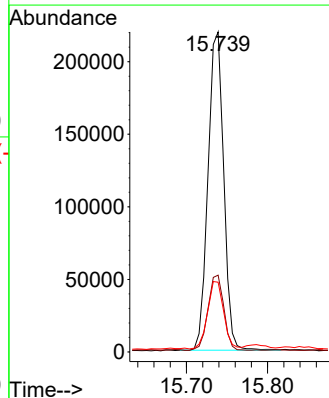
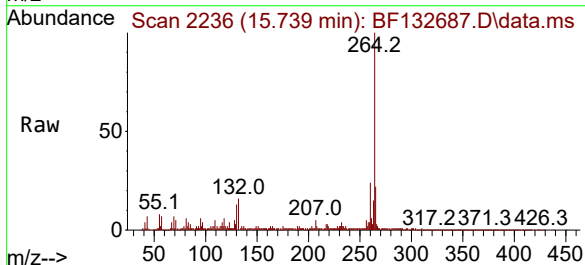
Tgt Ion:264 Resp: 293748

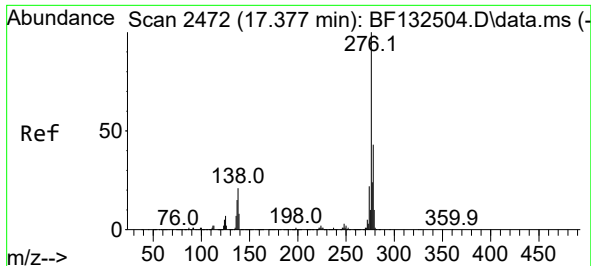
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.8 17.1 25.7

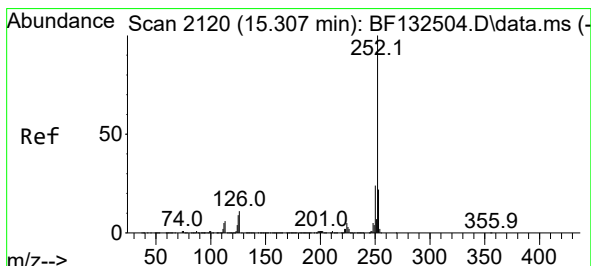
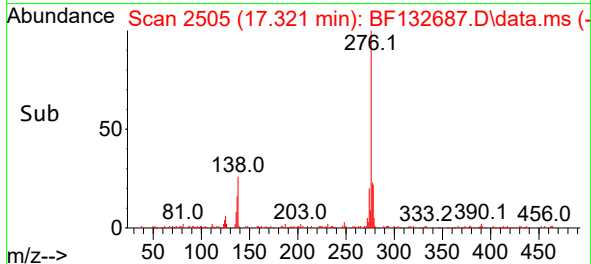
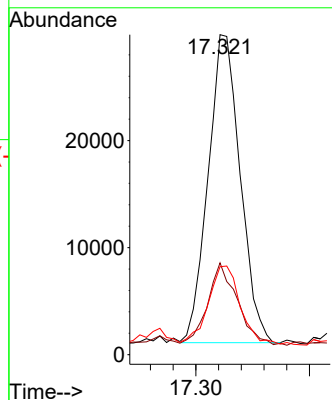
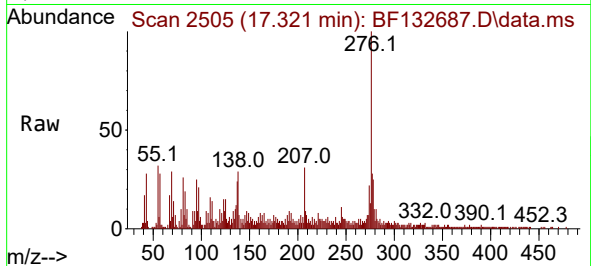




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.936 ng
RT: 17.321 min Scan# 2157
Delta R.T. -0.024 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

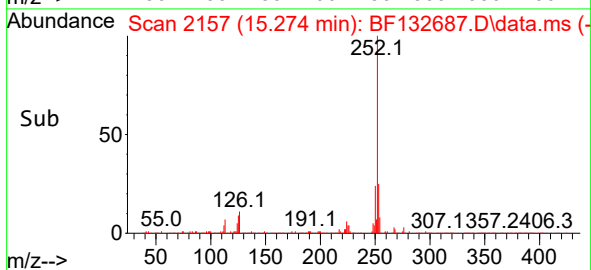
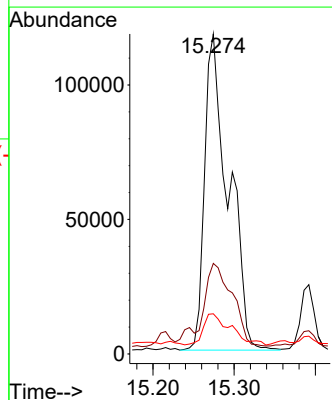
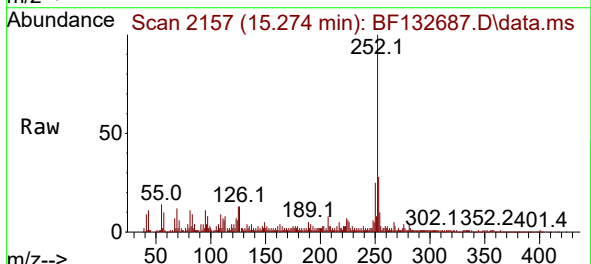
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

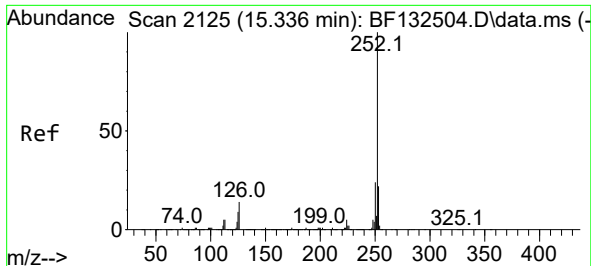
Tgt Ion:276 Resp: 56508
Ion Ratio Lower Upper
276 100
138 24.9 19.0 28.4
277 26.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 12.193 ng
RT: 15.274 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:252 Resp: 240030
Ion Ratio Lower Upper
252 100
253 28.3 17.4 26.0#
125 12.5 7.0 10.6#

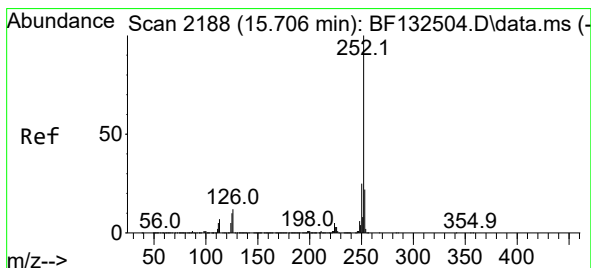
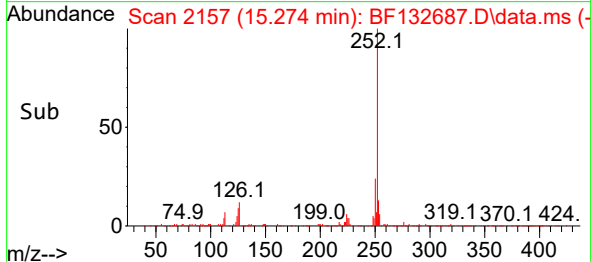
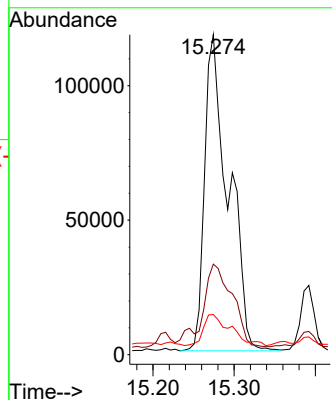
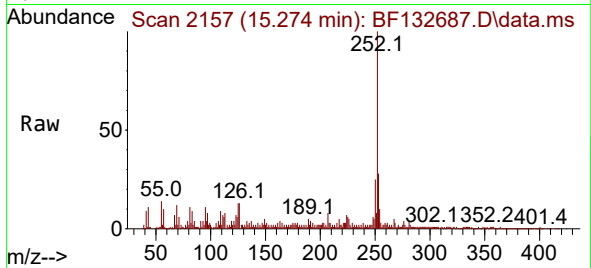




#89
Benzo(k)fluoranthene
Concen: 12.459 ng
RT: 15.274 min Scan# 2125
Delta R.T. -0.041 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

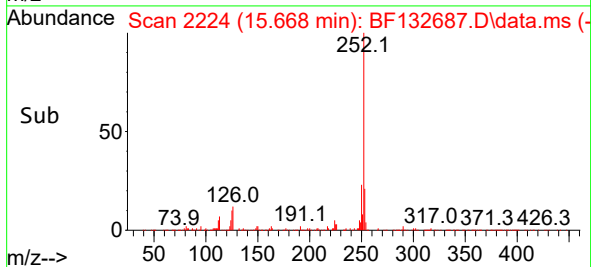
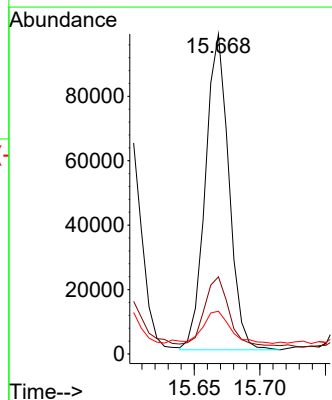
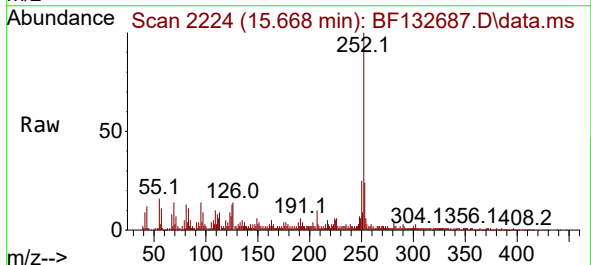
Instrument :
BNA_F
ClientSampleId :
EO-03-030623

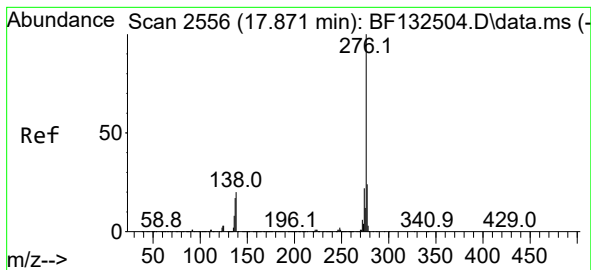
Tgt Ion:252 Resp: 240030
Ion Ratio Lower Upper
252 100
253 28.3 17.5 26.3#
125 12.5 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 6.629 ng
RT: 15.668 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BF132687.D
Acq: 07 Mar 2023 20:10

Tgt Ion:252 Resp: 122142
Ion Ratio Lower Upper
252 100
253 24.1 17.2 25.8
125 13.4 8.0 12.0#





#92

Benzo(g,h,i)perylene

Concen: 4.619 ng

RT: 17.809 min Scan# 2588

Delta R.T. -0.024 min

Lab File: BF132687.D

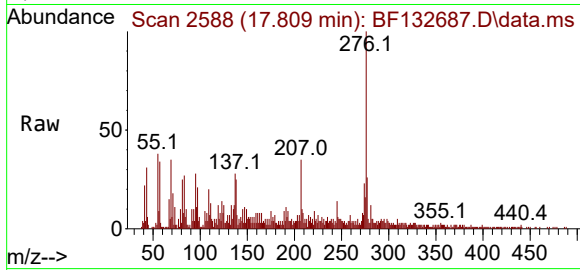
Acq: 07 Mar 2023 20:10

Instrument :

BNA_F

ClientSampleId :

EO-03-030623



Tgt Ion:276 Resp: 55111

Ion Ratio Lower Upper

276 100

277 25.7 18.9 28.3

138 25.1 16.2 24.4#

