

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042468.D
 Acq On : 27 Oct 2023 00:42
 Operator : MA/JU
 Sample : 04805-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-02

Quant Time: Oct 27 01:13:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

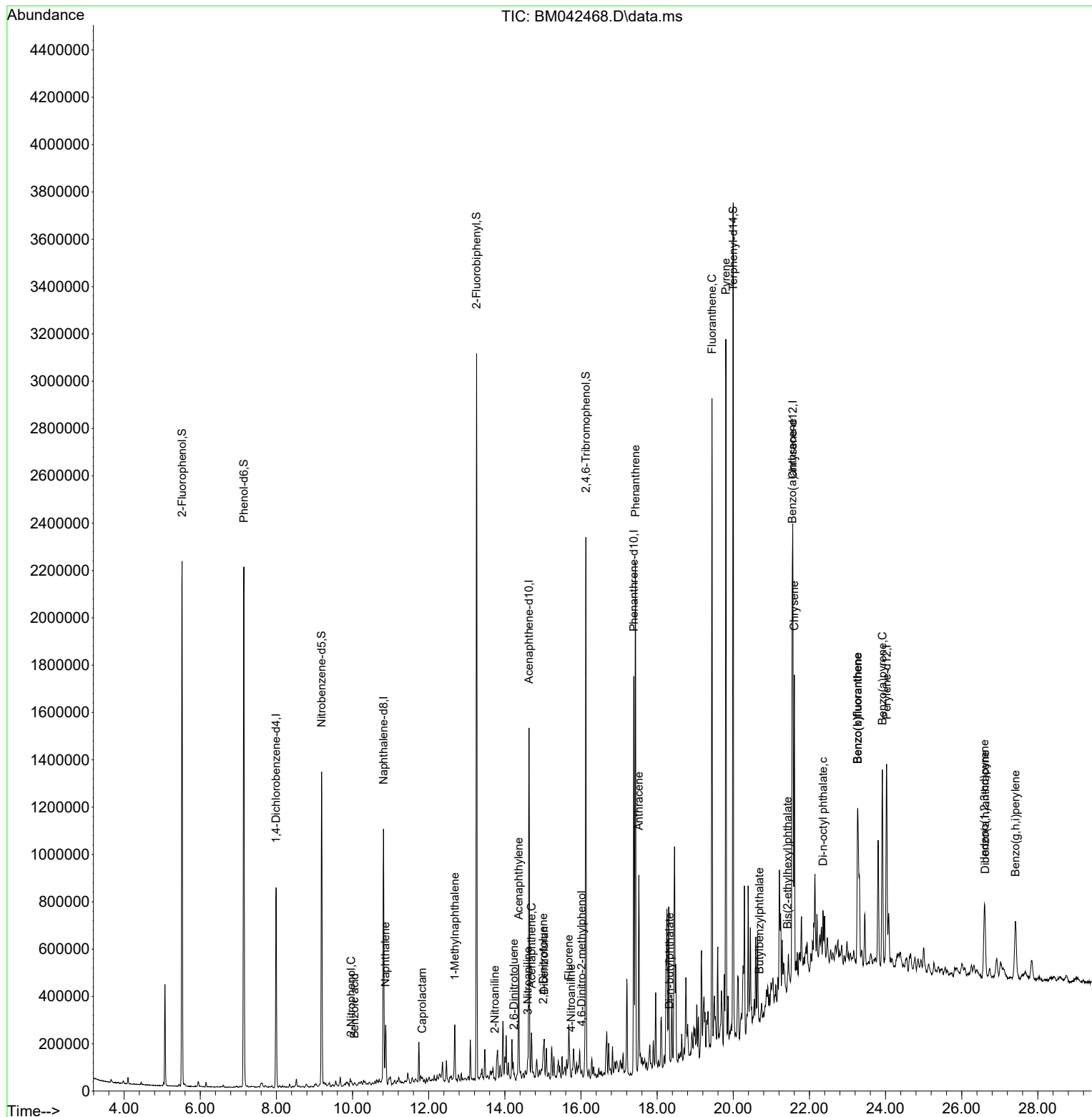
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	211450	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	837873	20.000	ng	-0.01
39) Acenaphthene-d10	14.633	164	488086	20.000	ng	-0.01
64) Phenanthrene-d10	17.386	188	932526	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	621741	20.000	ng	-0.02
86) Perylene-d12	24.027	264	657640	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	875939	58.547	ng	0.00
7) Phenol-d6	7.145	99	1164198	58.065	ng	0.00
23) Nitrobenzene-d5	9.186	82	737225	38.908	ng	-0.01
42) 2,4,6-Tribromophenol	16.127	330	360849	71.428	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	1456245	40.177	ng	-0.01
79) Terphenyl-d14	19.998	244	1638696	46.743	ng	-0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.963	139	88	2.719	ng	# 42
31) Naphthalene	10.863	128	125730	2.921	ng	99
32) Benzoic acid	10.045	122	330	5.354	ng	# 1
35) Caprolactam	11.827	113	696	6.064	ng	# 1
38) 1-Methylnaphthalene	12.686	142	104261	3.842	ng	100
48) 2-Nitroaniline	13.733	65	192	3.654	ng	# 16
49) Acenaphthylene	14.363	152	306219	6.677	ng	98
51) 2,6-Dinitrotoluene	14.239	165	180	2.908	ng	# 9
52) Acenaphthene	14.698	154	58860	2.123	ng	99
53) 3-Nitroaniline	14.604	138	183	3.283	ng	# 63
55) Dibenzofuran	15.033	168	92494	2.109	ng	98
57) 2,4-Dinitrotoluene	15.010	165	1739	4.211	ng	# 43
58) Fluorene	15.680	166	104306	3.014	ng	99
62) 4-Nitroaniline	15.739	138	69	3.808	ng	# 73
65) 4,6-Dinitro-2-methylph...	16.015	198	111	6.101	ng	# 1
71) Phenanthrene	17.427	178	1217329	23.996	ng	99
72) Anthracene	17.521	178	500227	9.956	ng	99
74) Di-n-butylphthalate	18.327	149	3336	2.870	ng	# 49
75) Fluoranthene	19.439	202	1541621	27.593	ng	98
78) Pyrene	19.803	202	1699215	39.110	ng	100
80) Butylbenzylphthalate	20.686	149	250	3.270	ng	# 18
81) Benzo(a)anthracene	21.550	228	749428	17.980	ng	95
83) Chrysene	21.603	228	638578	15.952	ng	98
84) Bis(2-ethylhexyl)phtha...	21.427	149	3084	3.471	ng	# 82
85) Di-n-octyl phthalate	22.356	149	550	4.229	ng	# 28
87) Indeno(1,2,3-cd)pyrene	26.597	276	316450	6.584	ng	# 92
88) Benzo(b)fluoranthene	23.268	252	894446	22.596	ng	100
89) Benzo(k)fluoranthene	23.268	252	894446	21.764	ng	100
90) Benzo(a)pyrene	23.915	252	602522	15.814	ng	98
91) Dibenzo(a,h)anthracene	26.615	278	92374	2.312	ng	# 88
92) Benzo(g,h,i)perylene	27.409	276	315075	8.119	ng	92

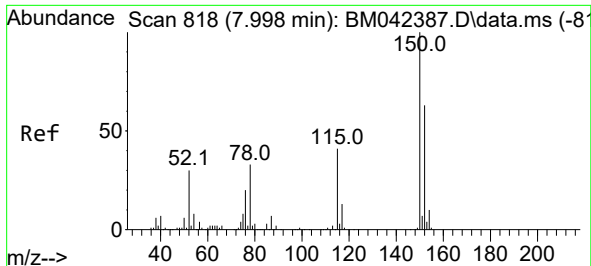
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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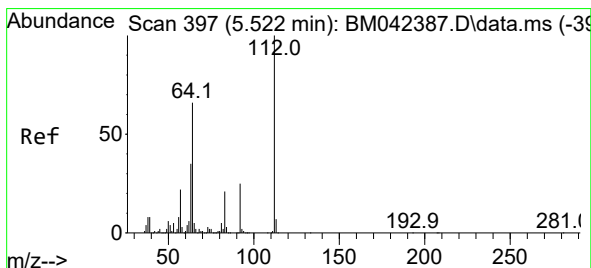
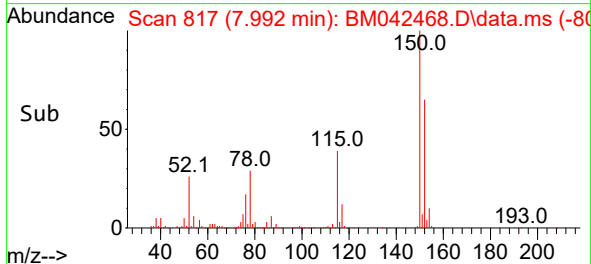
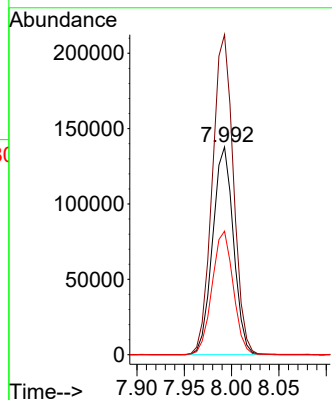
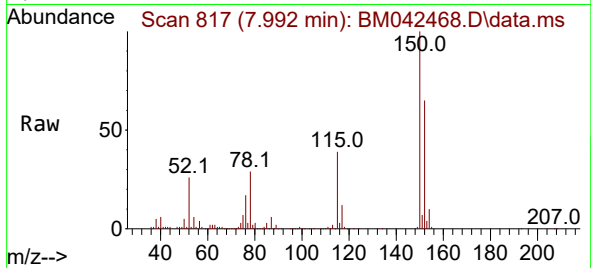




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

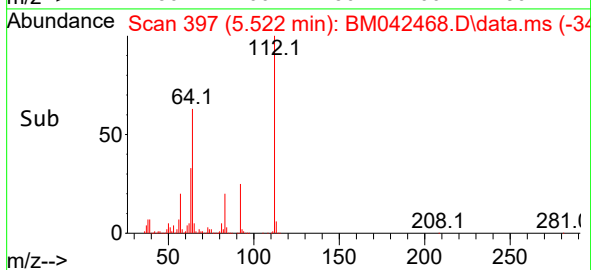
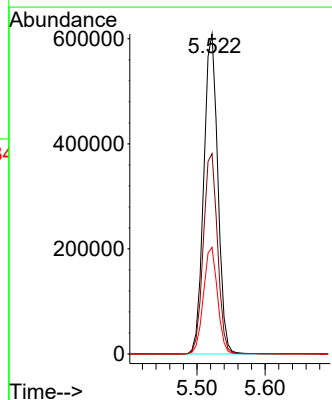
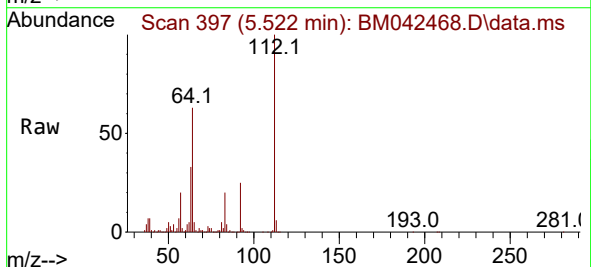
Instrument :
BNA_M
ClientSampleId :
DUP-02

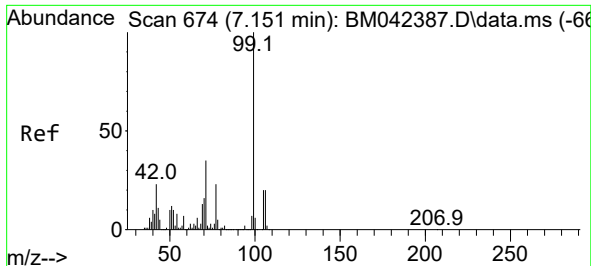
Tgt Ion:152 Resp: 211450
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.4
115 59.5 51.9 77.9



#5
2-Fluorophenol
Concen: 58.547 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion:112 Resp: 875939
Ion Ratio Lower Upper
112 100
64 62.6 52.7 79.1
63 33.3 28.3 42.5

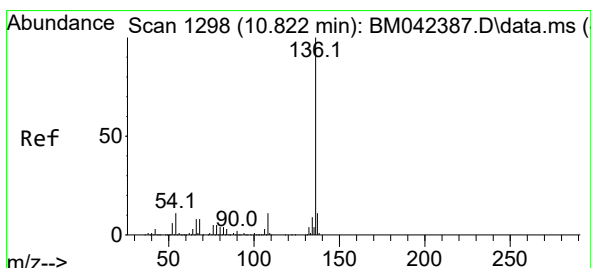
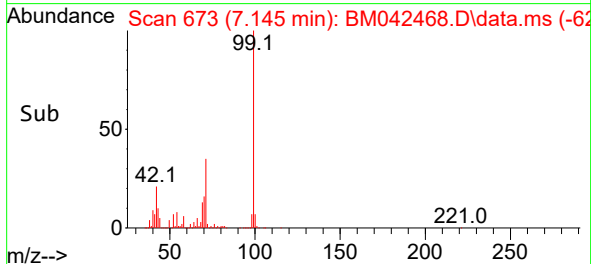
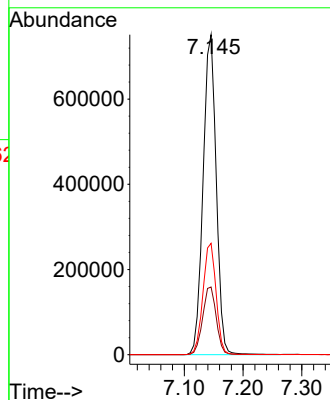
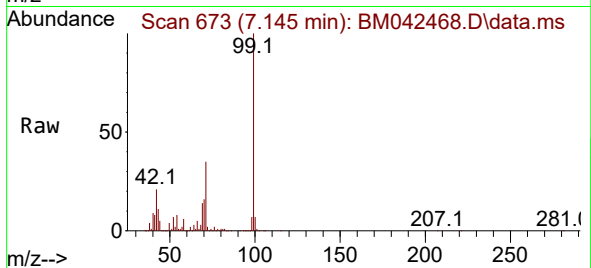




#7
Phenol-d6
Concen: 58.065 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

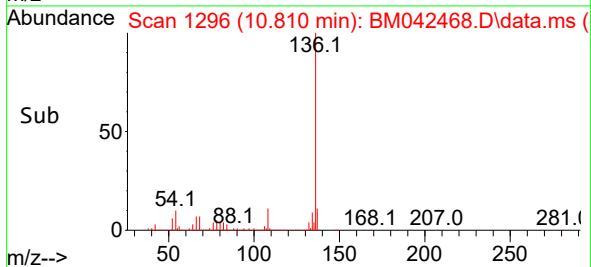
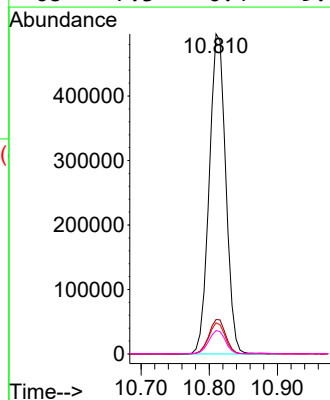
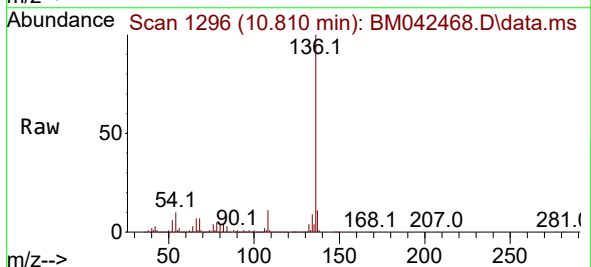
Instrument :
BNA_M
ClientSampleId :
DUP-02

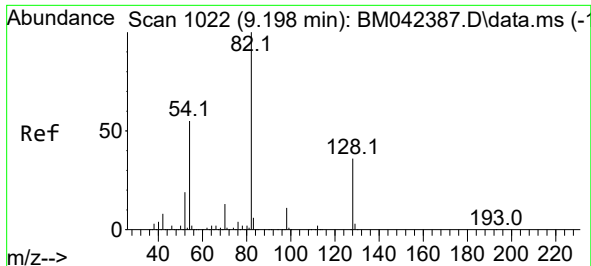
Tgt Ion: 99 Resp: 1164198
Ion Ratio Lower Upper
99 100
42 21.2 18.5 27.7
71 34.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion: 136 Resp: 837873
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.7 8.6 12.8
68 7.3 6.4 9.6





#23

Nitrobenzene-d5

Concen: 38.908 ng

RT: 9.186 min Scan# 1102

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

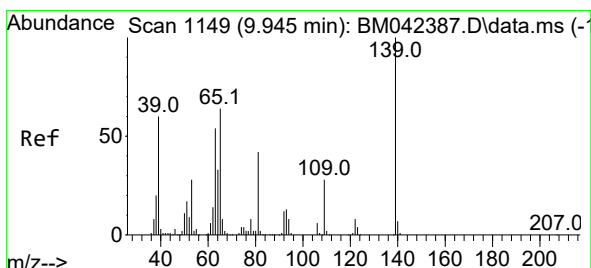
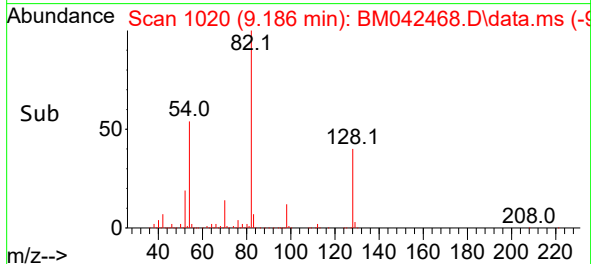
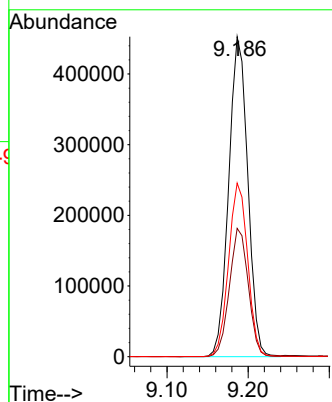
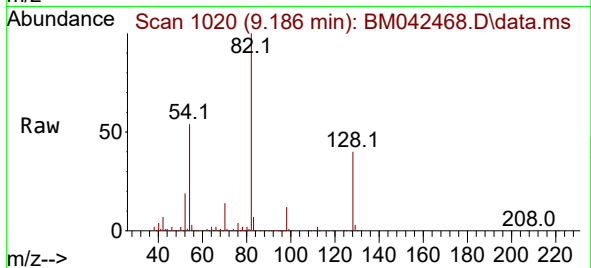
Tgt Ion: 82 Resp: 737225

Ion Ratio Lower Upper

82 100

128 40.1 29.0 43.6

54 54.3 43.7 65.5



#26

2-Nitrophenol

Concen: 2.719 ng

RT: 9.963 min Scan# 1152

Delta R.T. 0.018 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

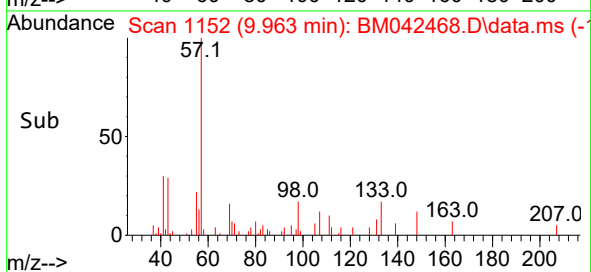
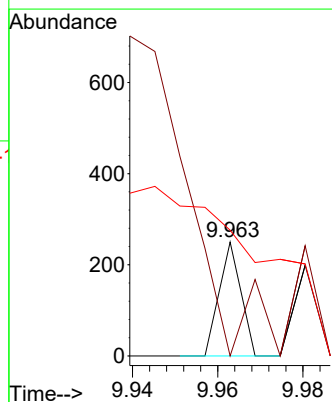
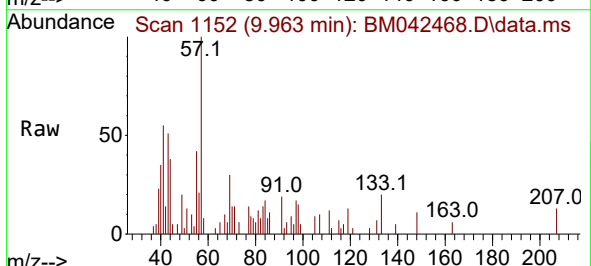
Tgt Ion:139 Resp: 88

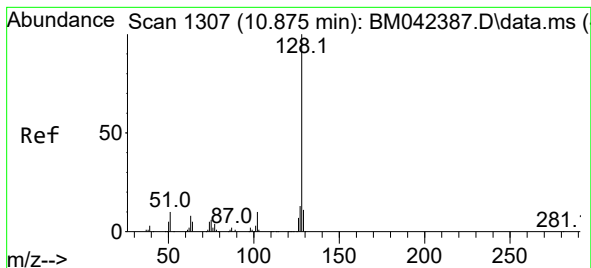
Ion Ratio Lower Upper

139 100

109 0.0 22.3 33.5#

65 110.4 51.1 76.7#

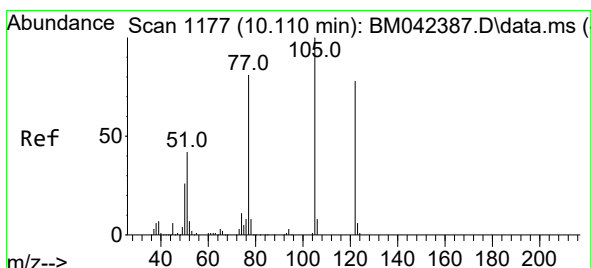
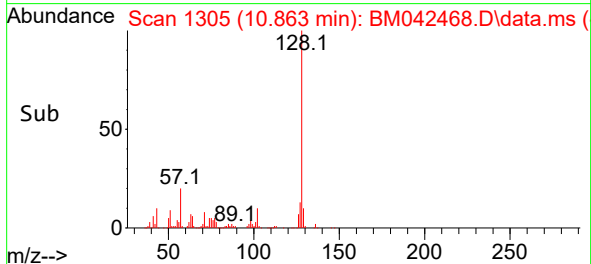
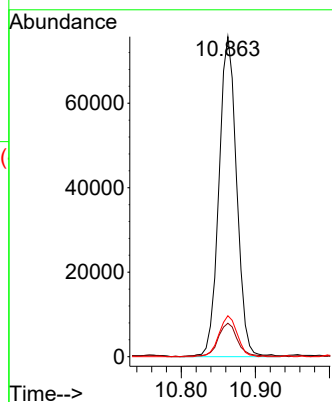
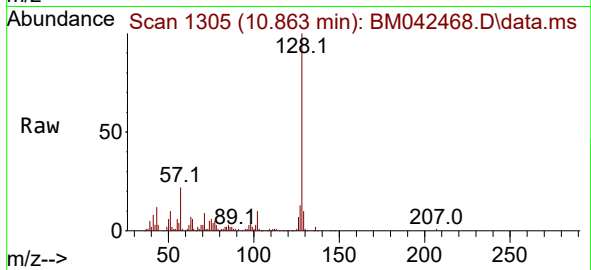




#31
Naphthalene
Concen: 2.921 ng
RT: 10.863 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

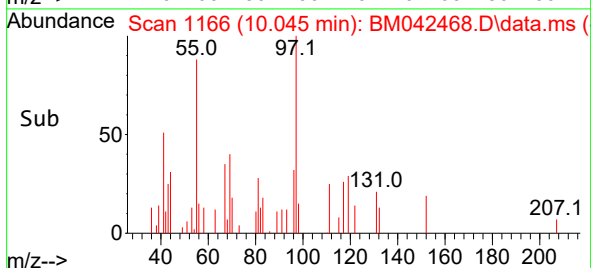
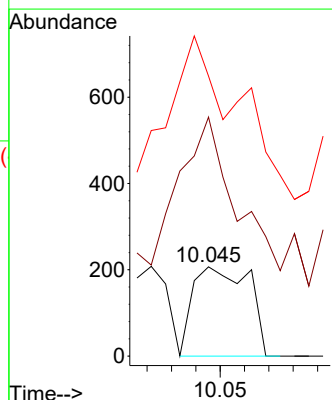
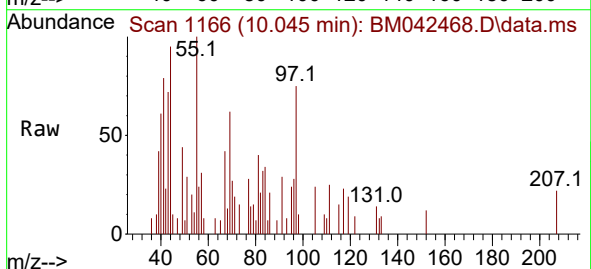
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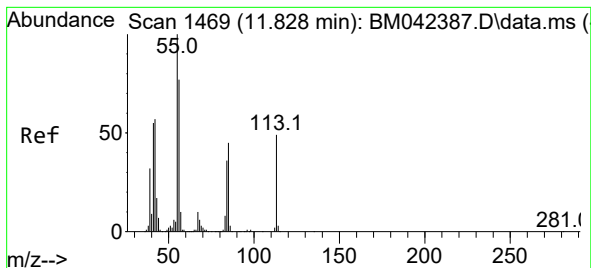
Tgt Ion:128 Resp: 125730
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 5.354 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.065 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion:122 Resp: 330
Ion Ratio Lower Upper
122 100
105 267.6 104.9 144.9#
77 313.5 83.4 123.4#

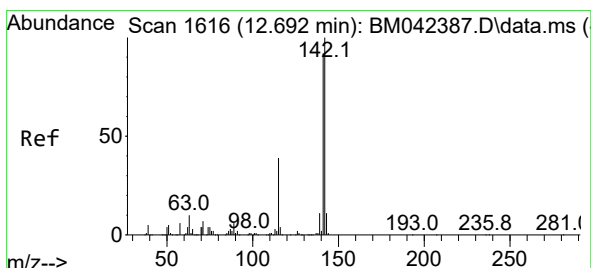
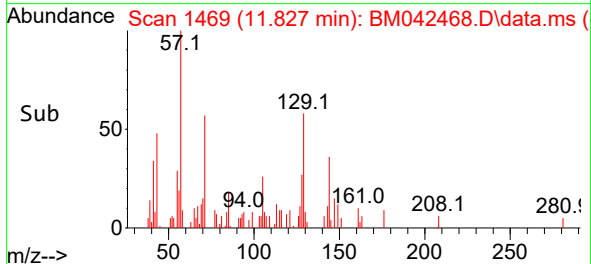
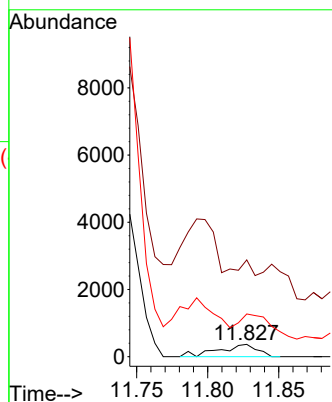
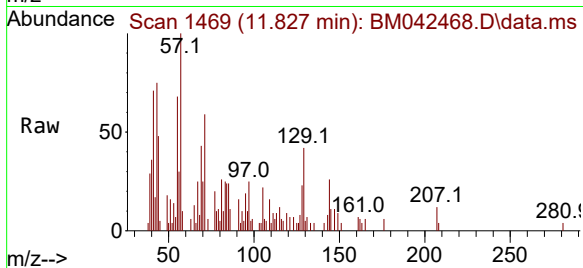




#35
 Caprolactam
 Concen: 6.064 ng
 RT: 11.827 min Scan# 1469
 Delta R.T. -0.001 min
 Lab File: BM042468.D
 Acq: 27 Oct 2023 00:42

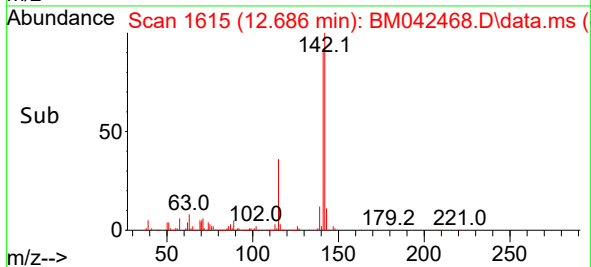
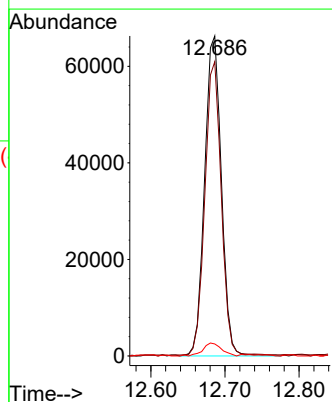
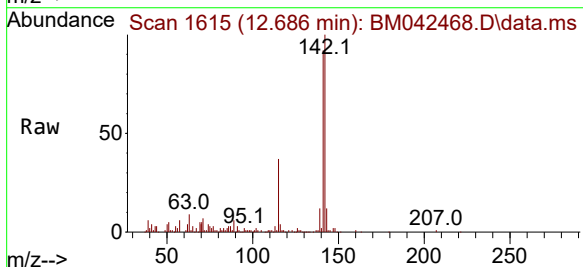
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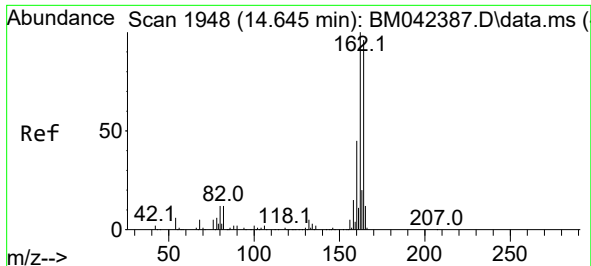
Tgt Ion:113 Resp: 696
 Ion Ratio Lower Upper
 113 100
 55 787.4 185.6 225.6#
 56 347.8 137.8 177.8#



#38
 1-Methylnaphthalene
 Concen: 3.842 ng
 RT: 12.686 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BM042468.D
 Acq: 27 Oct 2023 00:42

Tgt Ion:142 Resp: 104261
 Ion Ratio Lower Upper
 142 100
 141 92.0 73.8 110.6
 116 3.8 3.3 4.9

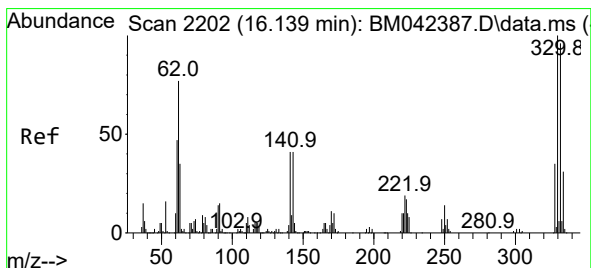
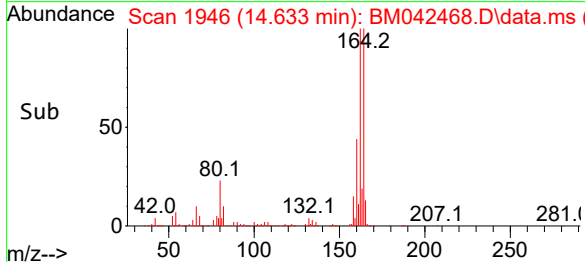
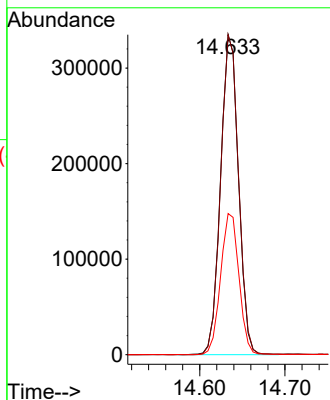
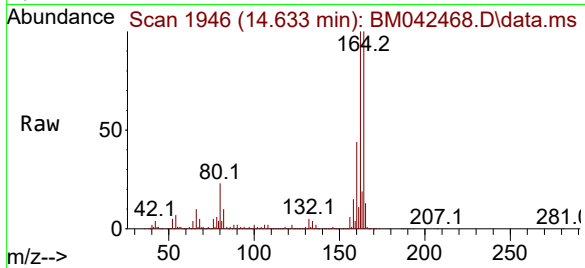




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

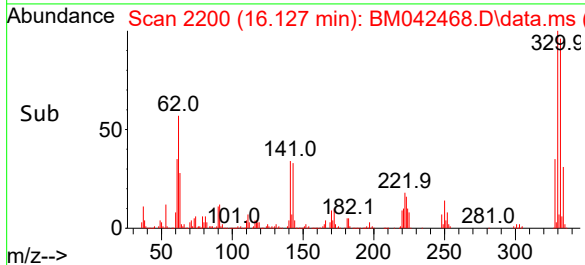
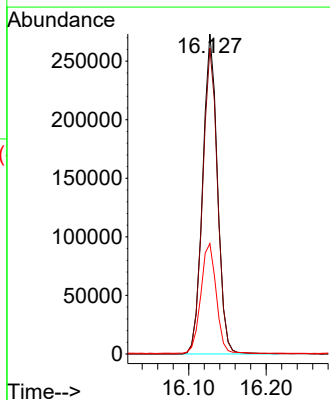
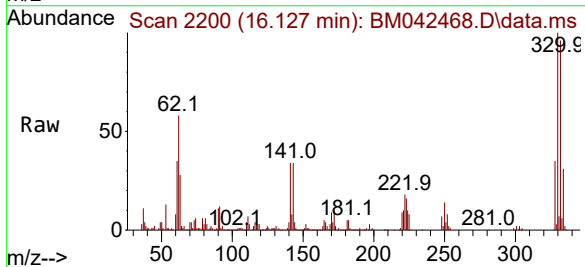
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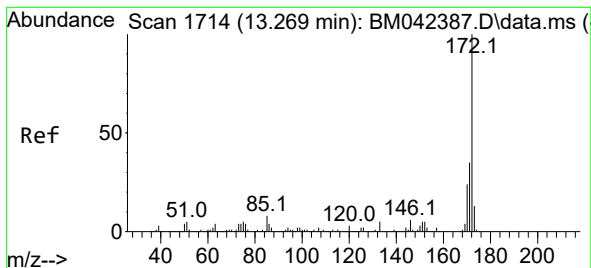
Tgt Ion:164 Resp: 488086
Ion Ratio Lower Upper
164 100
162 99.9 83.0 124.4
160 44.1 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 71.428 ng
RT: 16.127 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion:330 Resp: 360849
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 35.8 38.0 57.0#





#45

2-Fluorobiphenyl

Concen: 40.177 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

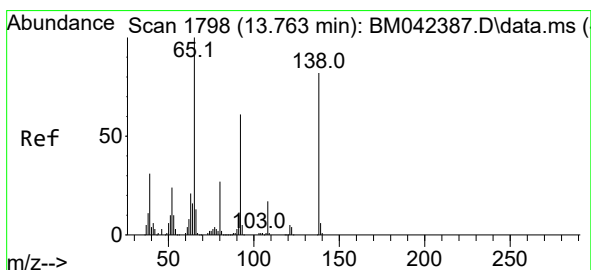
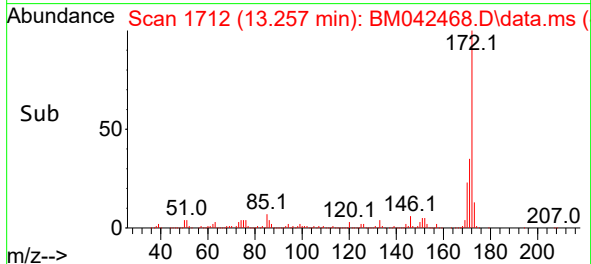
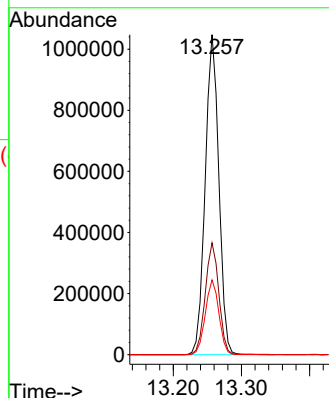
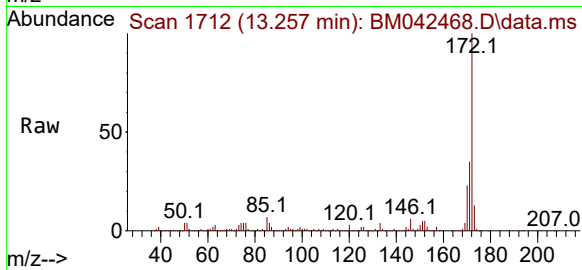
Tgt Ion:172 Resp: 1456245

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.4 18.9 28.3



#48

2-Nitroaniline

Concen: 3.654 ng

RT: 13.733 min Scan# 1793

Delta R.T. -0.030 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

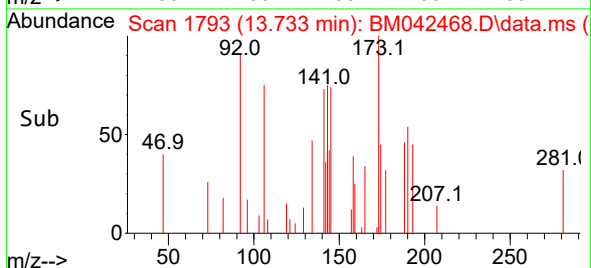
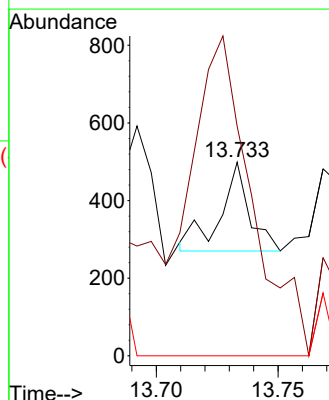
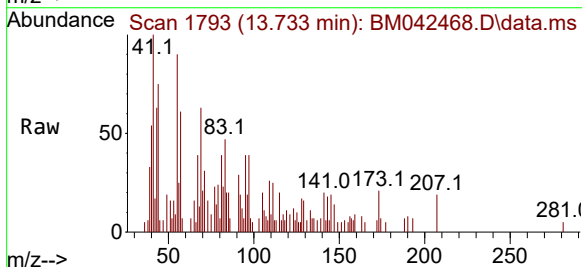
Tgt Ion: 65 Resp: 192

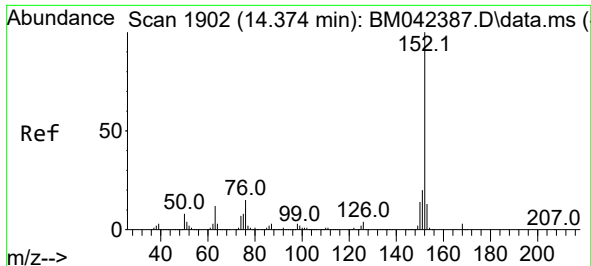
Ion Ratio Lower Upper

65 100

92 118.4 49.0 73.6#

138 0.0 65.5 98.3#

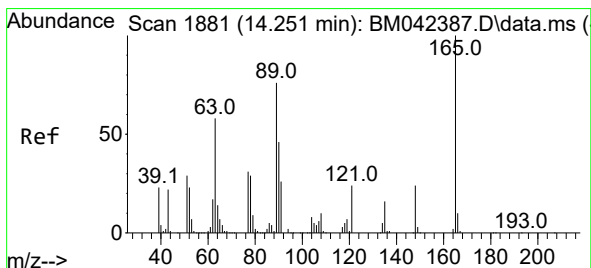
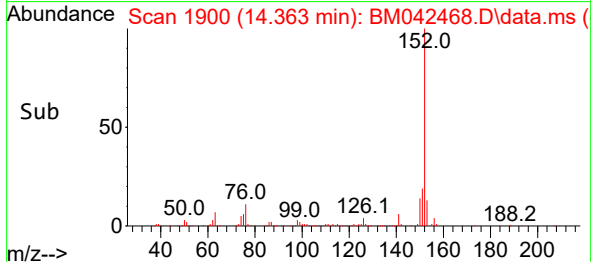
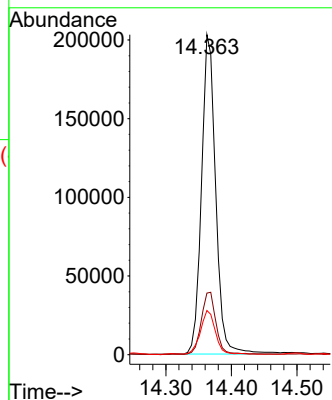
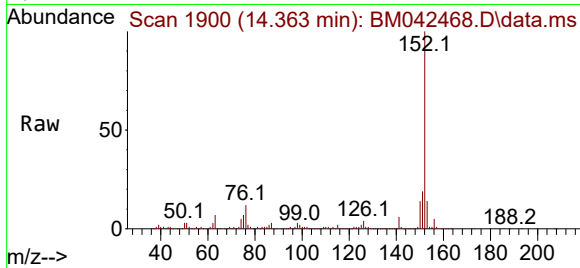




#49
Acenaphthylene
Concen: 6.677 ng
RT: 14.363 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

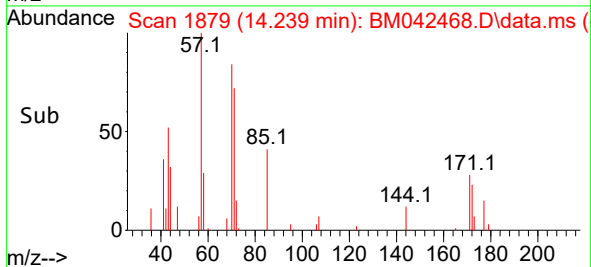
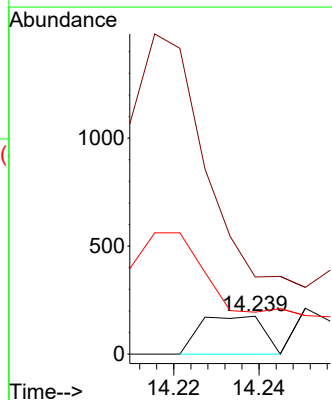
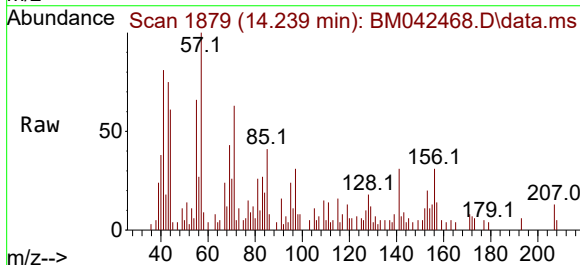
Instrument :
BNA_M
ClientSampleId :
DUP-02

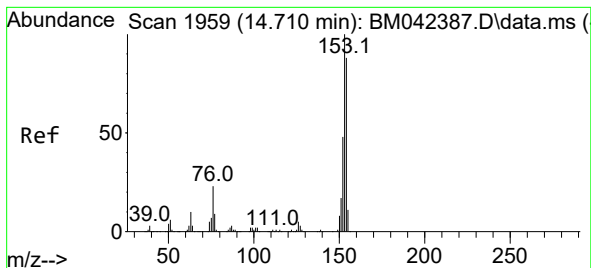
Tgt Ion:152 Resp: 306219
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.8 10.5 15.7



#51
2,6-Dinitrotoluene
Concen: 2.908 ng
RT: 14.239 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion:165 Resp: 180
Ion Ratio Lower Upper
165 100
63 204.0 65.3 97.9#
89 110.9 60.6 91.0#





#52

Acenaphthene

Concen: 2.123 ng

RT: 14.698 min Scan# 1941

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

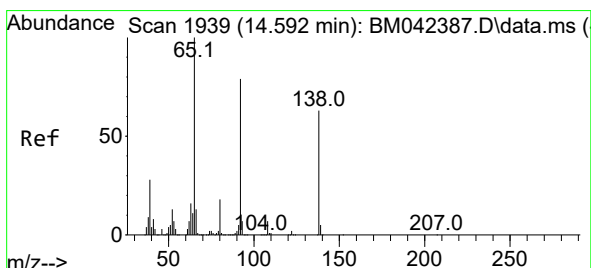
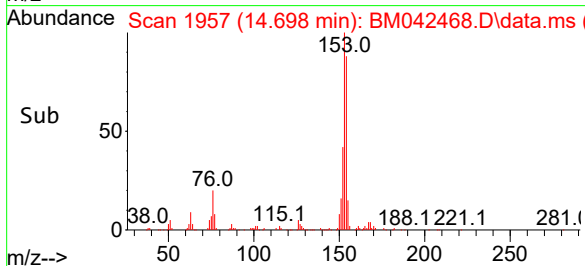
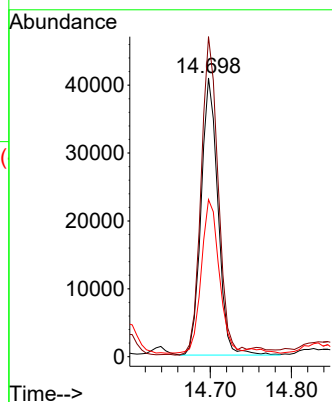
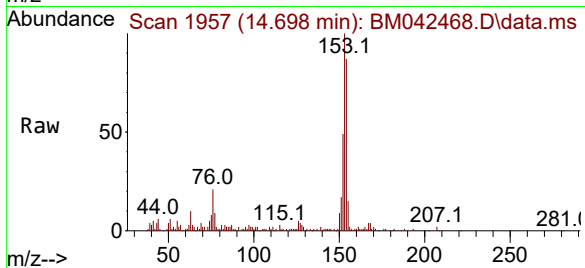
Tgt Ion:154 Resp: 58860

Ion Ratio Lower Upper

154 100

153 114.8 91.1 136.7

152 56.4 44.0 66.0



#53

3-Nitroaniline

Concen: 3.283 ng

RT: 14.604 min Scan# 1941

Delta R.T. 0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

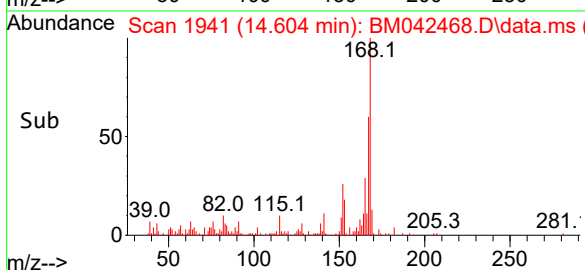
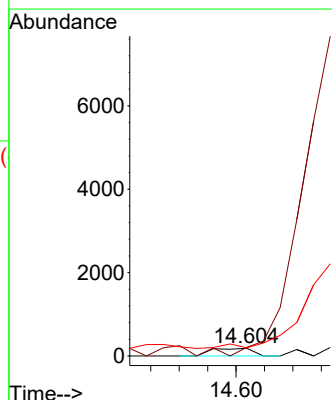
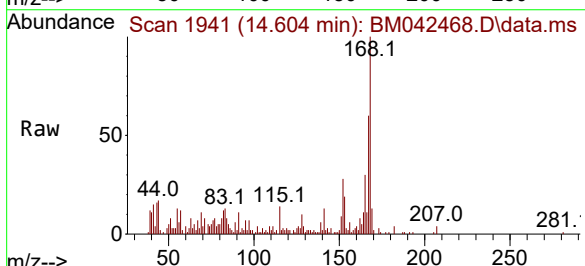
Tgt Ion:138 Resp: 183

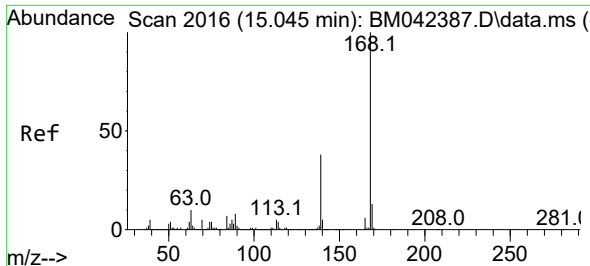
Ion Ratio Lower Upper

138 100

108 113.0 8.3 12.5#

92 106.5 100.6 151.0

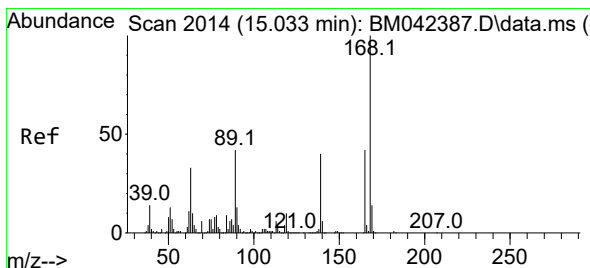
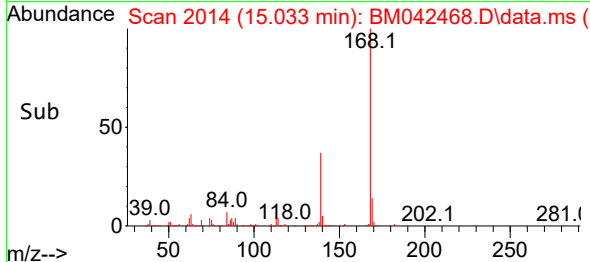
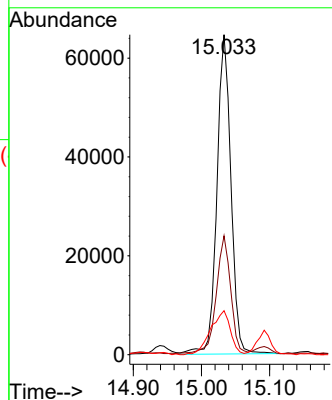
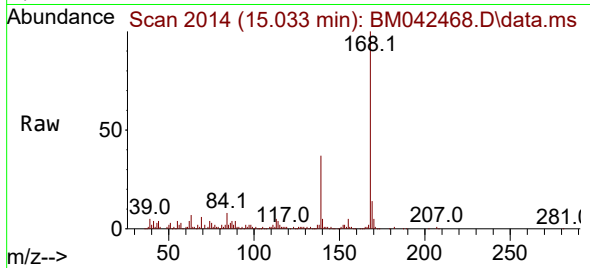




#55
Dibenzenofuran
Concen: 2.109 ng
RT: 15.033 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

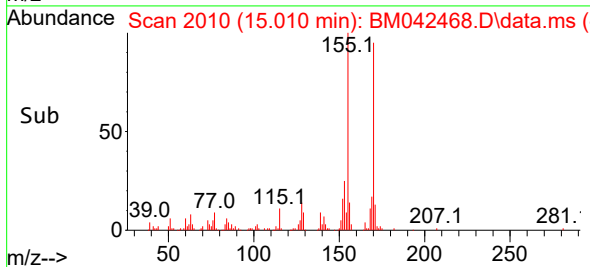
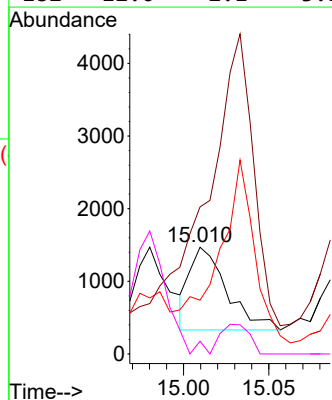
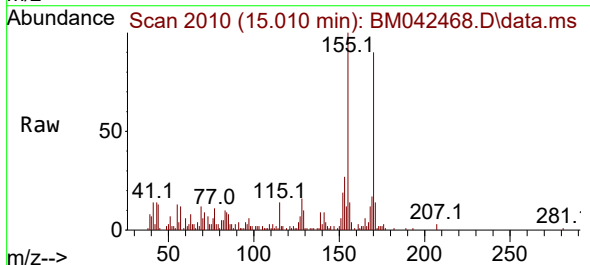
Instrument :
BNA_M
ClientSampleId :
DUP-02

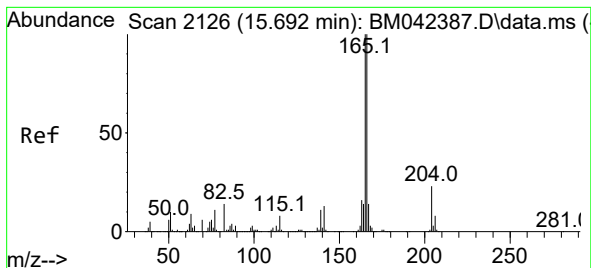
Tgt Ion:168 Resp: 92494
Ion Ratio Lower Upper
168 100
139 37.1 30.6 46.0
169 13.8 10.4 15.6



#57
2,4-Dinitrotoluene
Concen: 4.211 ng
RT: 15.010 min Scan# 2010
Delta R.T. -0.023 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion:165 Resp: 1739
Ion Ratio Lower Upper
165 100
63 137.7 62.9 94.3#
89 50.4 80.2 120.2#
182 12.0 2.1 3.1#





#58

Fluorene

Concen: 3.014 ng

RT: 15.680 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

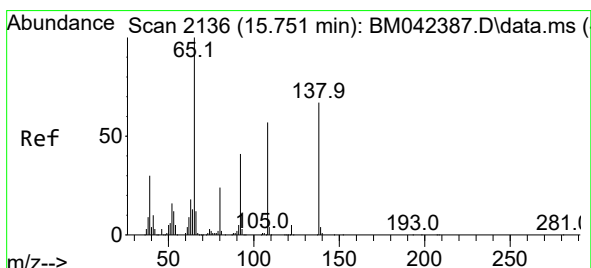
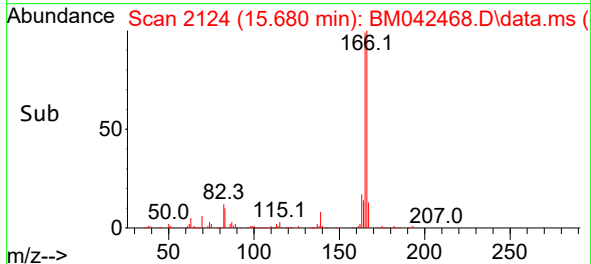
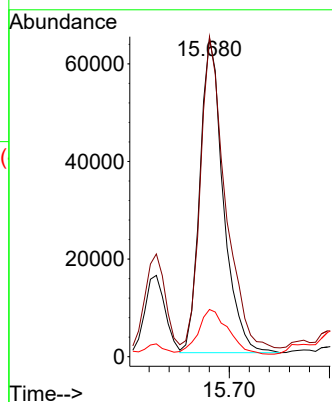
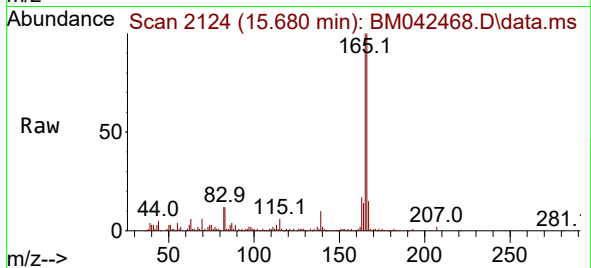
Tgt Ion:166 Resp: 104306

Ion Ratio Lower Upper

166 100

165 100.4 79.6 119.4

167 14.8 10.9 16.3



#62

4-Nitroaniline

Concen: 3.808 ng

RT: 15.739 min Scan# 2134

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

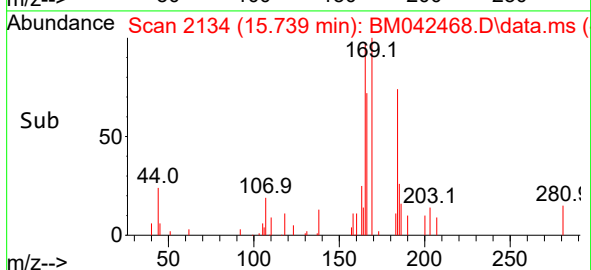
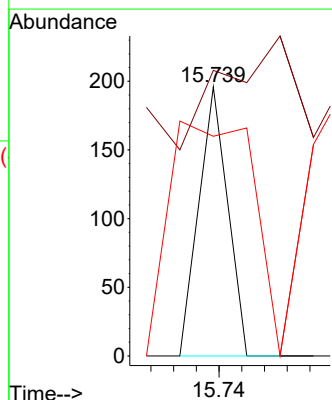
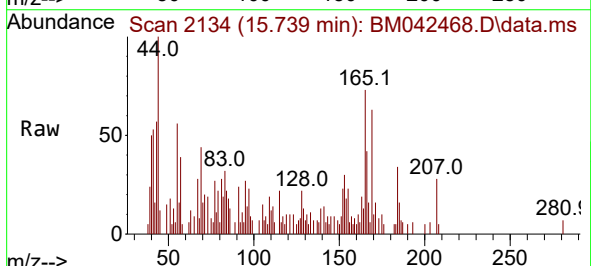
Tgt Ion:138 Resp: 69

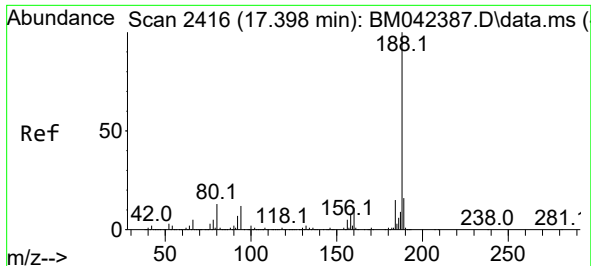
Ion Ratio Lower Upper

138 100

92 106.1 40.4 80.4#

108 81.6 65.3 105.3

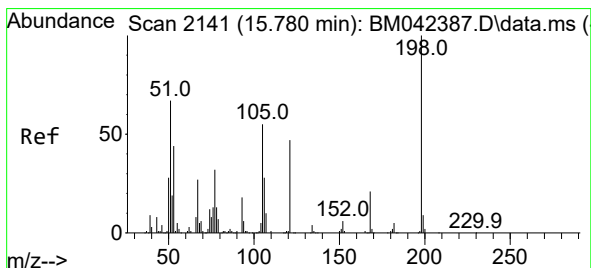
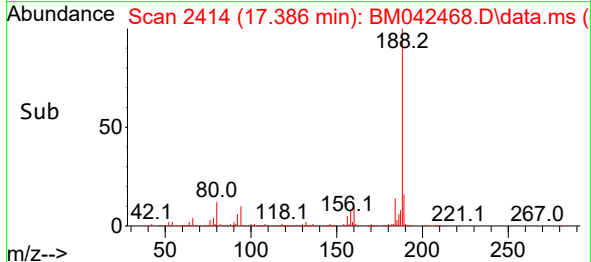
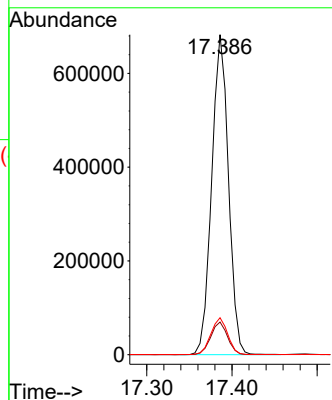
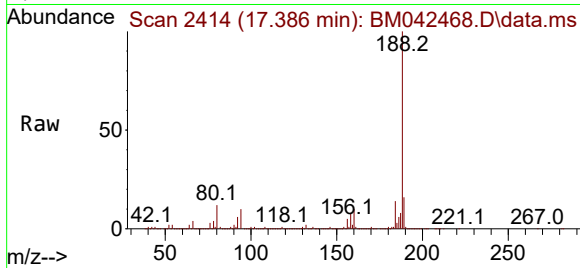




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

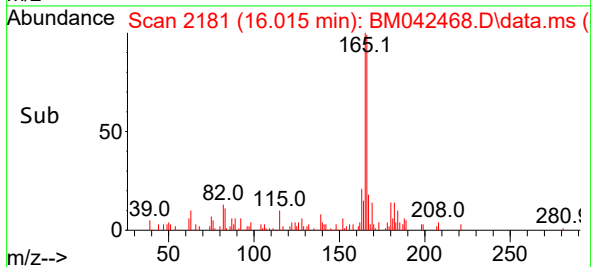
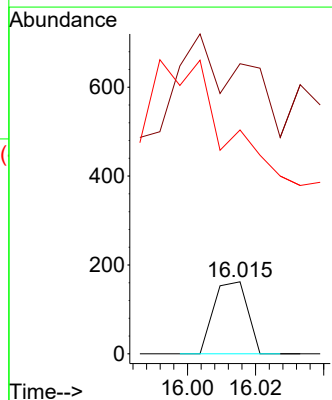
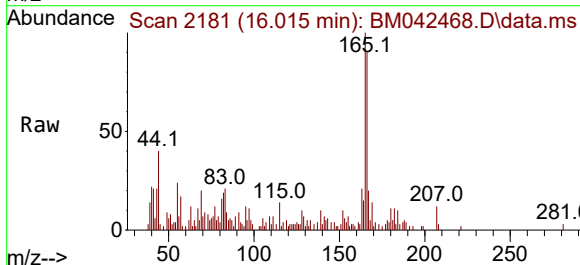
Instrument :
BNA_M
ClientSampleId :
DUP-02

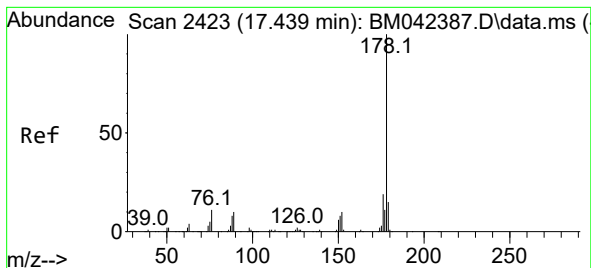
Tgt Ion:188 Resp: 932526
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.0
80 11.5 10.7 16.1



#65
4,6-Dinitro-2-methylphenol
Concen: 6.101 ng
RT: 16.015 min Scan# 2181
Delta R.T. 0.235 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion:198 Resp: 111
Ion Ratio Lower Upper
198 100
51 403.1 54.1 94.1#
105 311.1 35.9 75.9#





#71

Phenanthrene

Concen: 23.996 ng

RT: 17.427 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

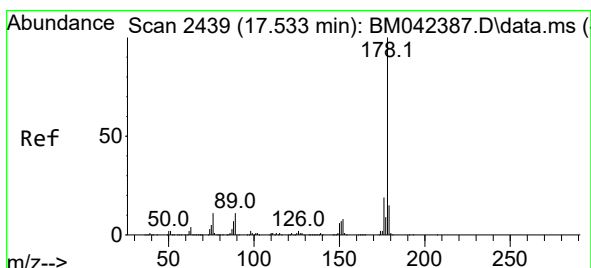
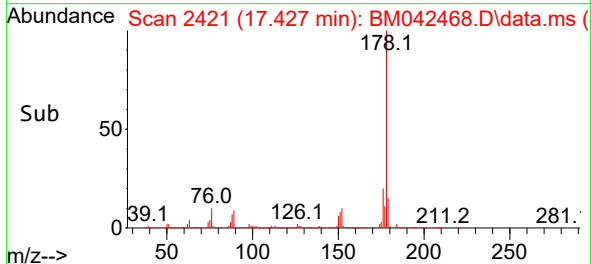
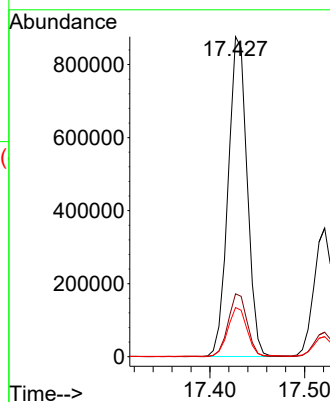
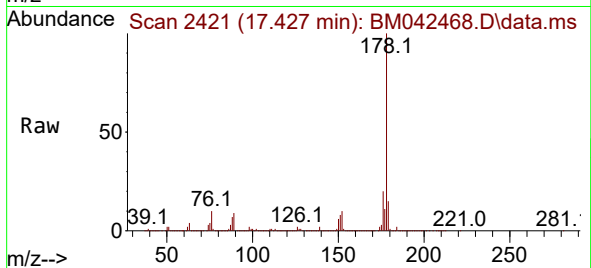
Tgt Ion:178 Resp: 1217329

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 9.956 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

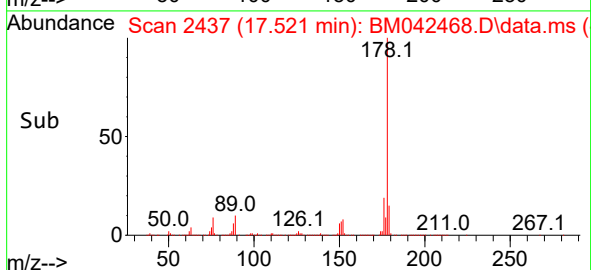
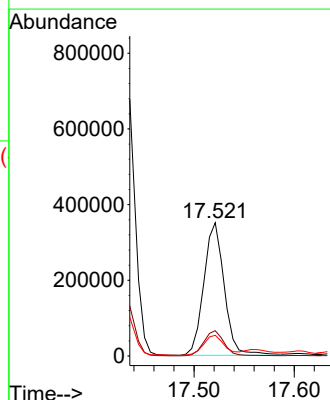
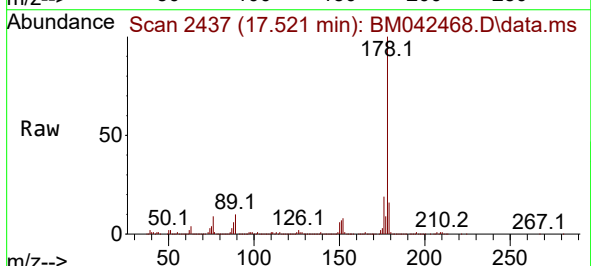
Tgt Ion:178 Resp: 500227

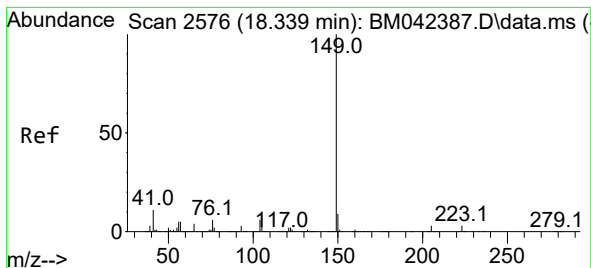
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.5 12.1 18.1





#74

Di-n-butylphthalate

Concen: 2.870 ng

RT: 18.327 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

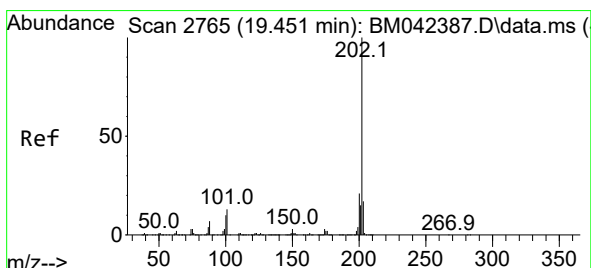
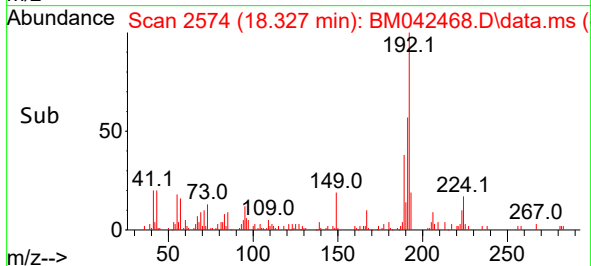
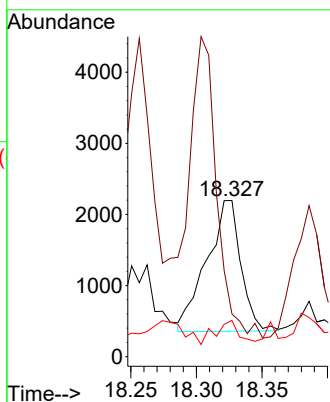
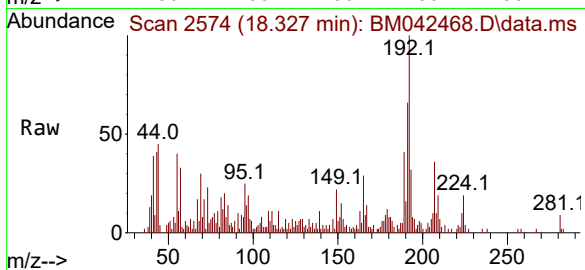
Tgt Ion:149 Resp: 3336

Ion Ratio Lower Upper

149 100

150 27.4 7.4 11.0#

104 23.2 4.6 7.0#



#75

Fluoranthene

Concen: 27.593 ng

RT: 19.439 min Scan# 2763

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

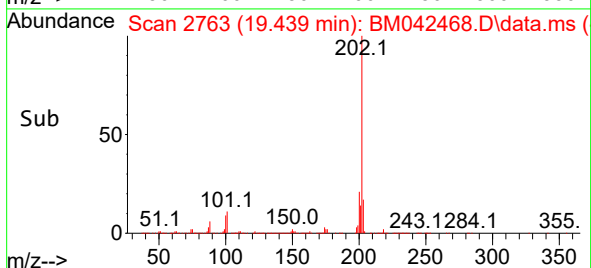
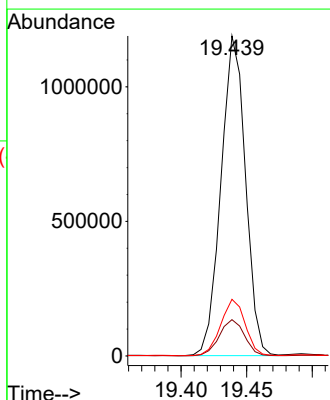
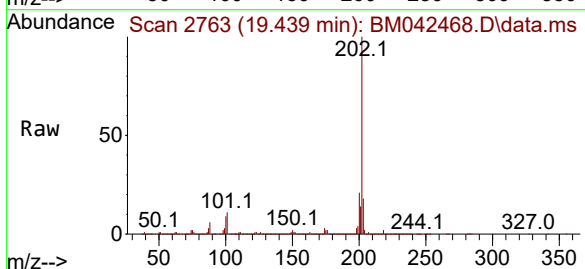
Tgt Ion:202 Resp: 1541621

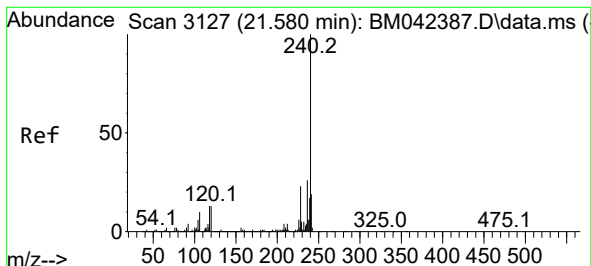
Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.3

203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

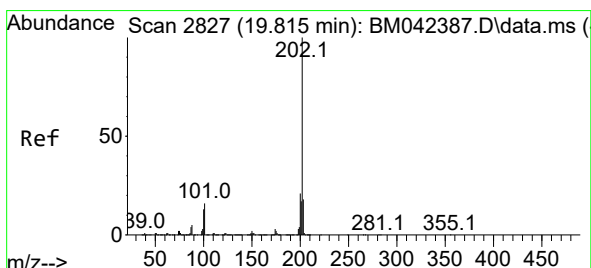
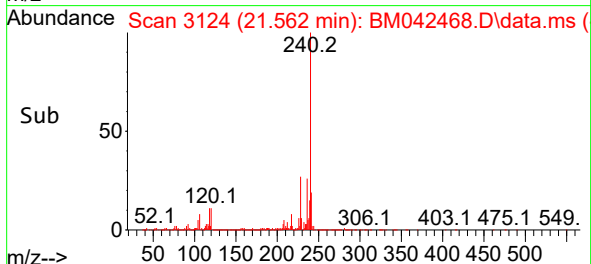
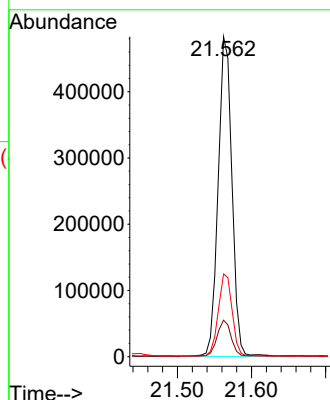
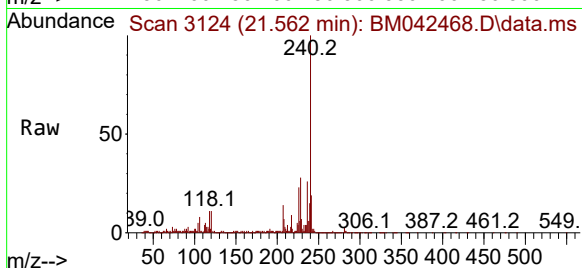
Tgt Ion:240 Resp: 621741

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

236 25.9 20.7 31.1



#78

Pyrene

Concen: 39.110 ng

RT: 19.803 min Scan# 2825

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

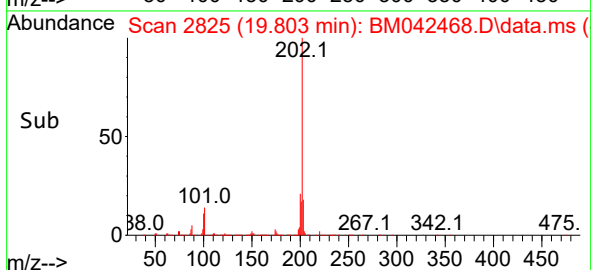
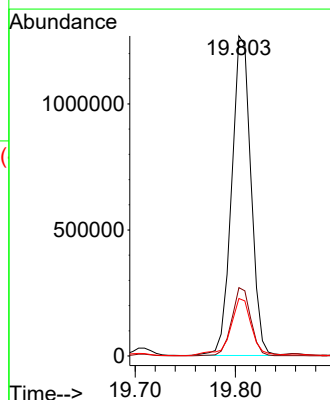
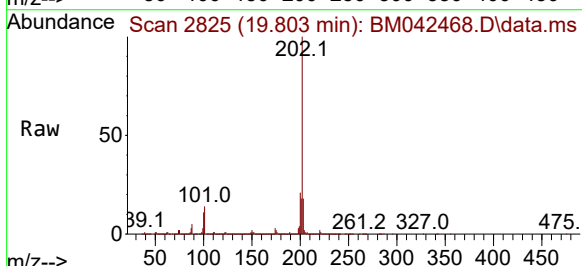
Tgt Ion:202 Resp: 1699215

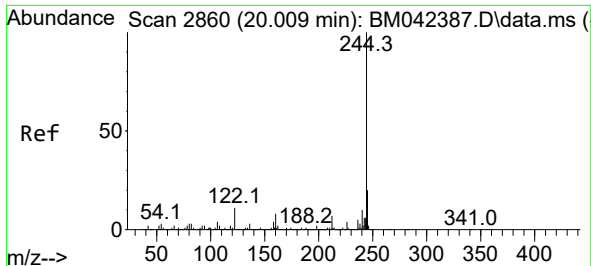
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.9 14.1 21.1

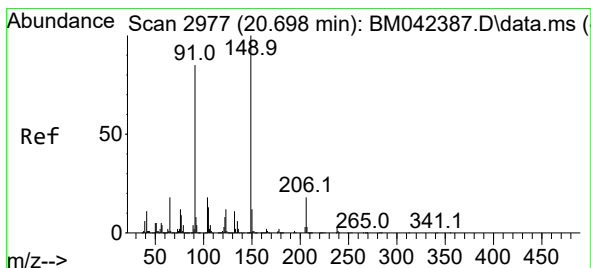
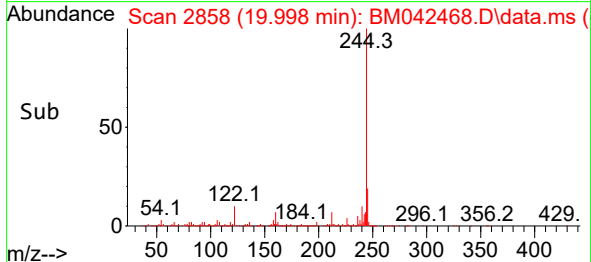
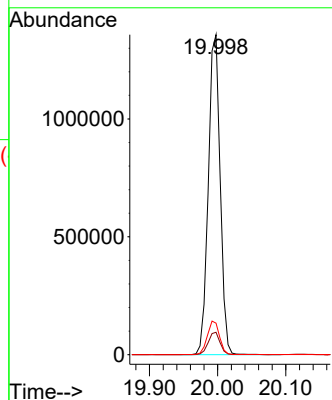
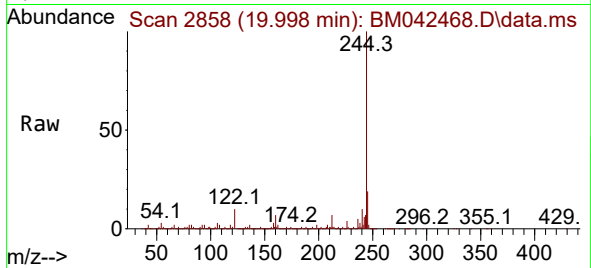




#79
 Terphenyl-d14
 Concen: 46.743 ng
 RT: 19.998 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM042468.D
 Acq: 27 Oct 2023 00:42

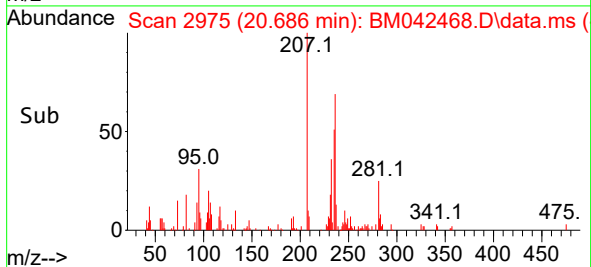
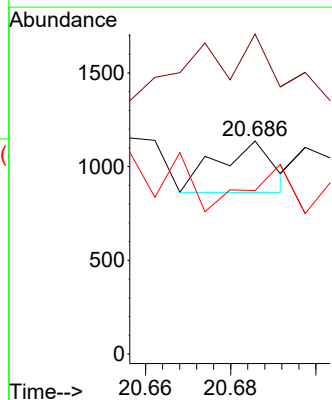
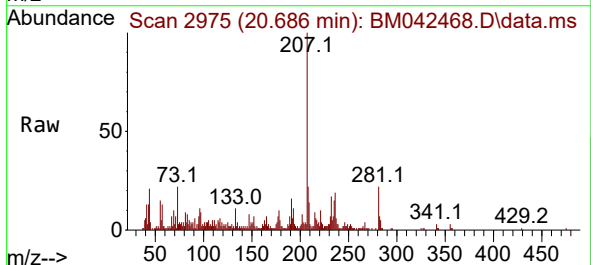
Instrument :
 BNA_M
 ClientSampleId :
 DUP-02

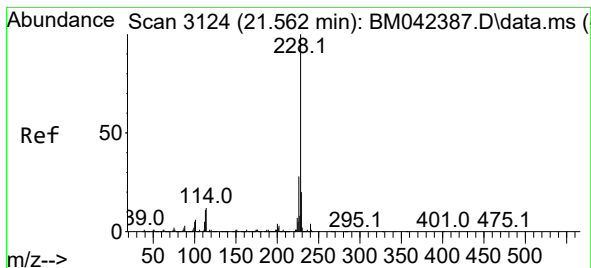
Tgt Ion:244 Resp: 1638696
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.270 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042468.D
 Acq: 27 Oct 2023 00:42

Tgt Ion:149 Resp: 250
 Ion Ratio Lower Upper
 149 100
 91 150.2 68.3 102.5#
 206 76.7 14.6 22.0#





#81

Benzo(a)anthracene

Concen: 17.980 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

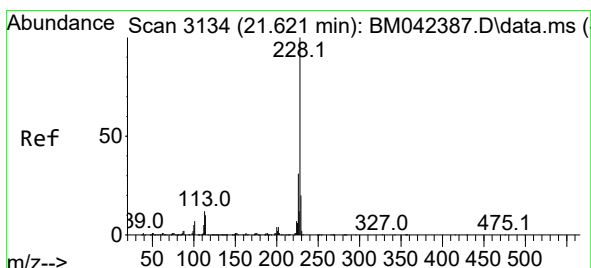
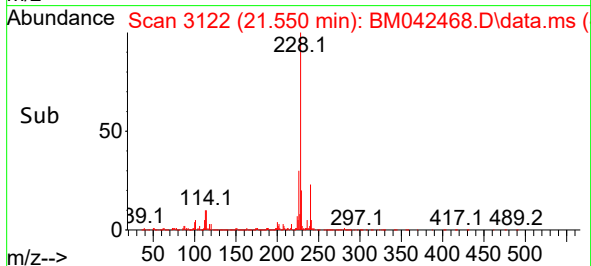
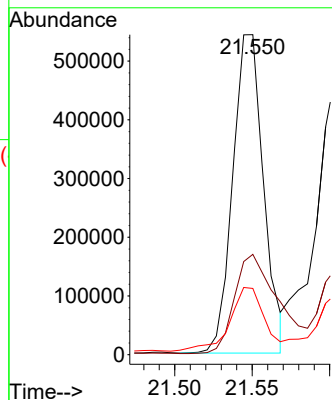
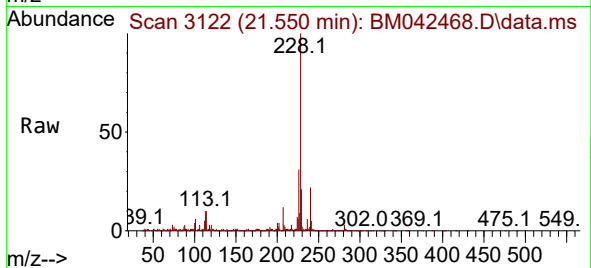
Tgt Ion:228 Resp: 749428

Ion Ratio Lower Upper

228 100

226 31.4 22.2 33.4

229 20.7 15.7 23.5



#83

Chrysene

Concen: 15.952 ng

RT: 21.603 min Scan# 3131

Delta R.T. -0.018 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

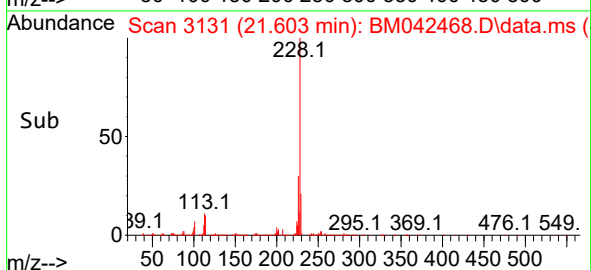
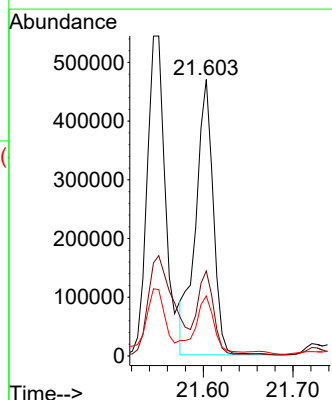
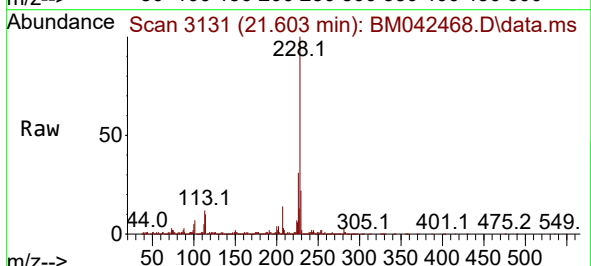
Tgt Ion:228 Resp: 638578

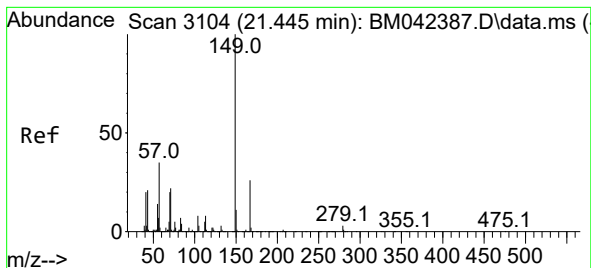
Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 21.7 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.471 ng

RT: 21.427 min Scan# 3104

Delta R.T. -0.018 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

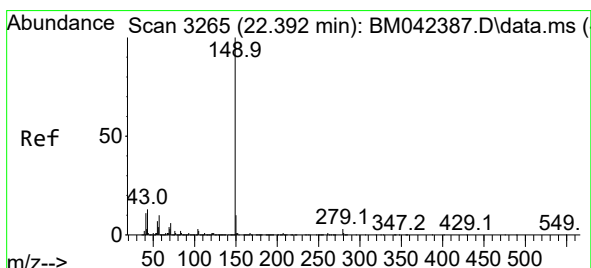
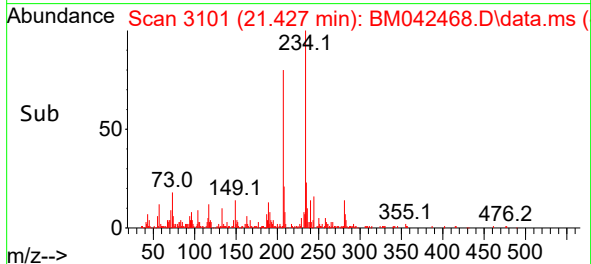
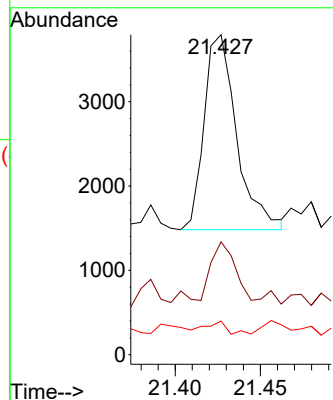
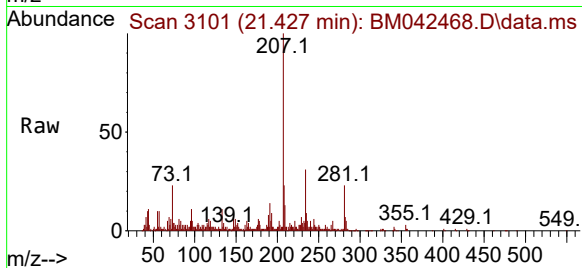
Tgt Ion:149 Resp: 3084

Ion Ratio Lower Upper

149 100

167 35.2 20.9 31.3#

279 10.5 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 4.229 ng

RT: 22.356 min Scan# 3259

Delta R.T. -0.036 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

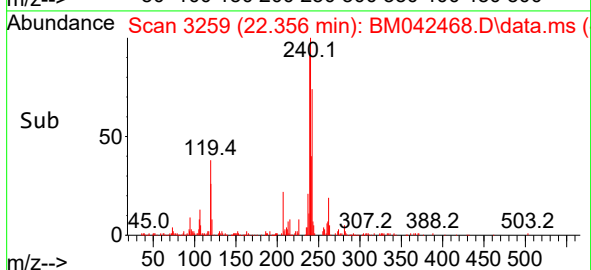
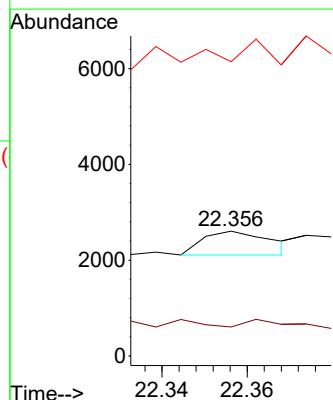
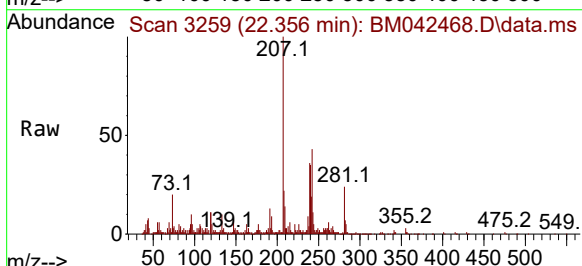
Tgt Ion:149 Resp: 550

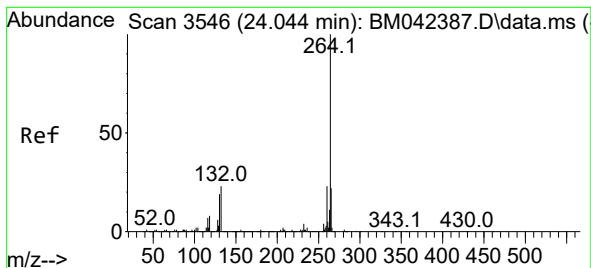
Ion Ratio Lower Upper

149 100

167 24.0 1.2 1.8#

43 43.6 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

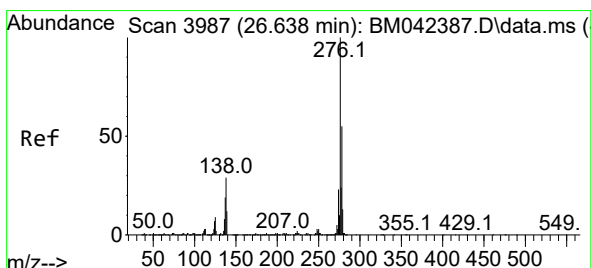
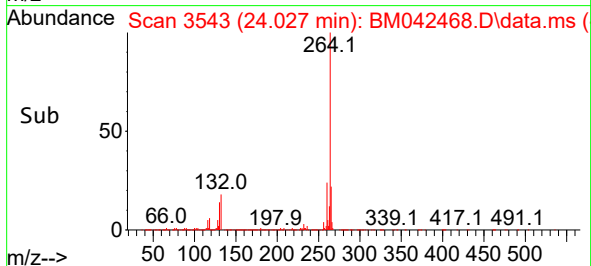
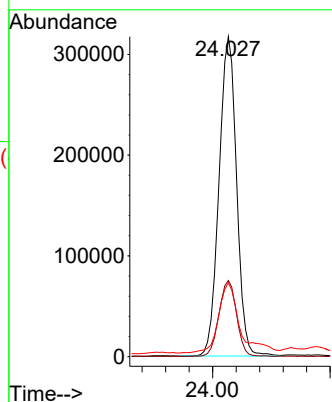
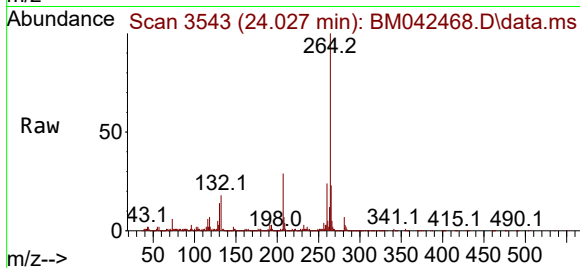
Tgt Ion:264 Resp: 657640

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 23.1 17.8 26.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.584 ng

RT: 26.597 min Scan# 3980

Delta R.T. -0.041 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

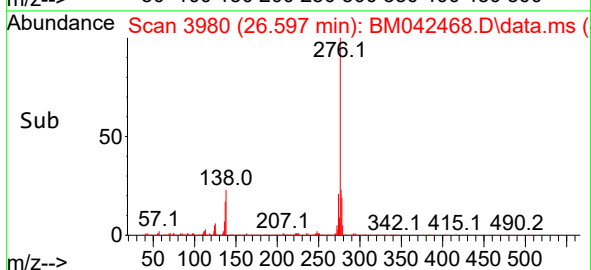
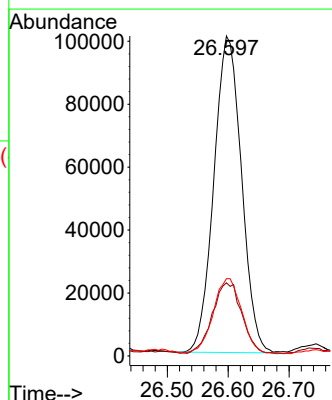
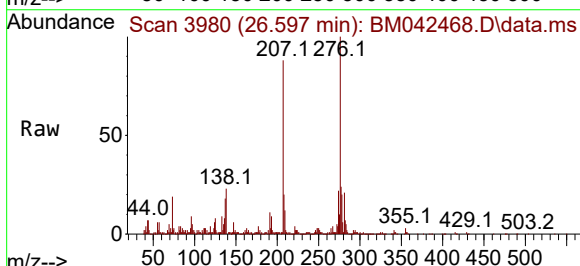
Tgt Ion:276 Resp: 316450

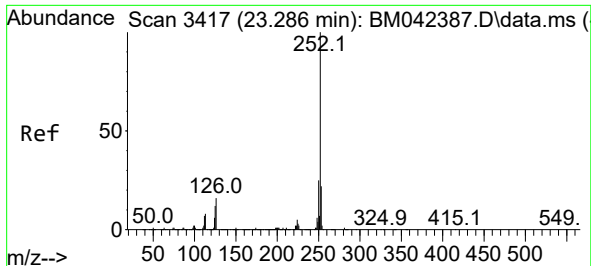
Ion Ratio Lower Upper

276 100

138 23.9 25.6 38.4#

277 24.6 20.0 30.0

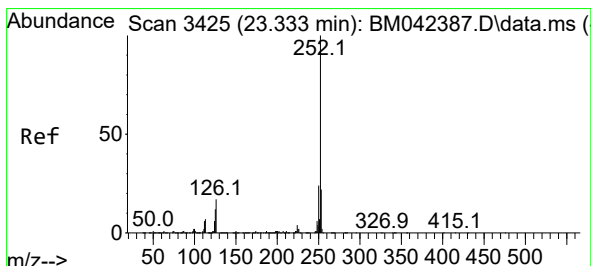
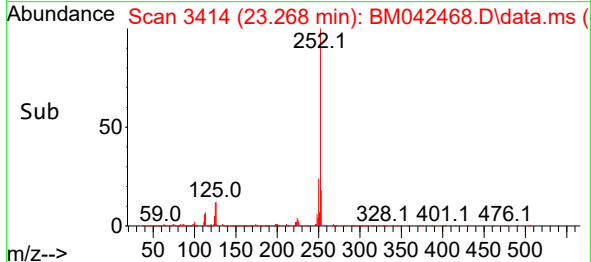
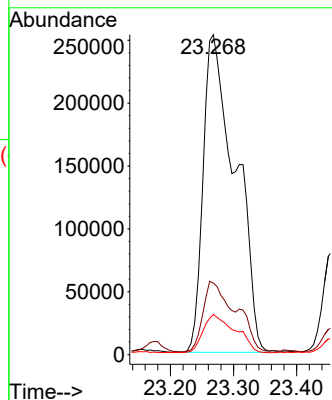
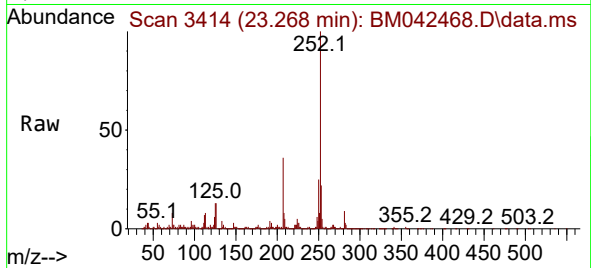




#88
Benzo(b)fluoranthene
Concen: 22.596 ng
RT: 23.268 min Scan# 3414
Delta R.T. -0.018 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

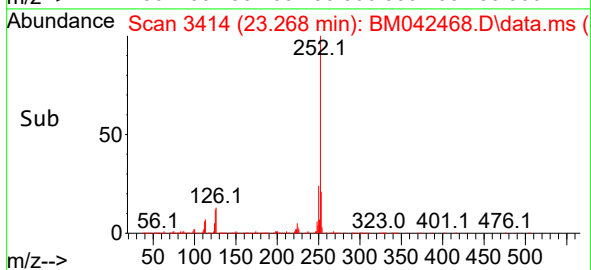
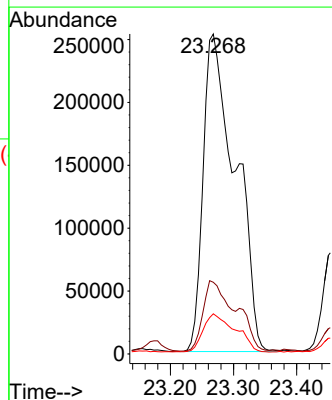
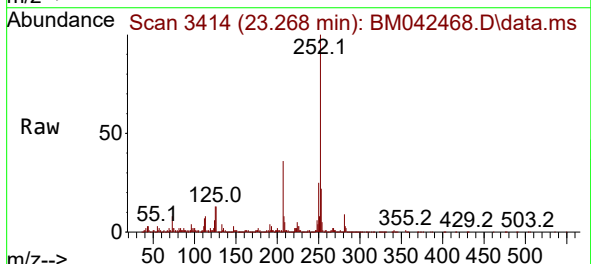
Instrument :
BNA_M
ClientSampleId :
DUP-02

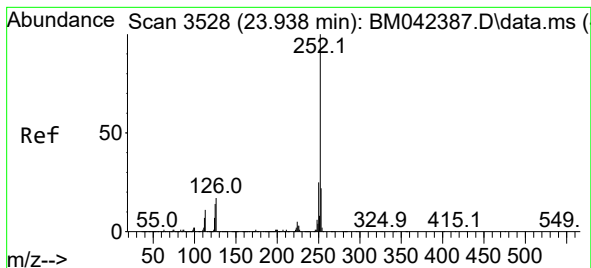
Tgt Ion:252 Resp: 894446
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 12.6 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 21.764 ng
RT: 23.268 min Scan# 3414
Delta R.T. -0.065 min
Lab File: BM042468.D
Acq: 27 Oct 2023 00:42

Tgt Ion:252 Resp: 894446
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 12.6 10.2 15.2





#90

Benzo(a)pyrene

Concen: 15.814 ng

RT: 23.915 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02

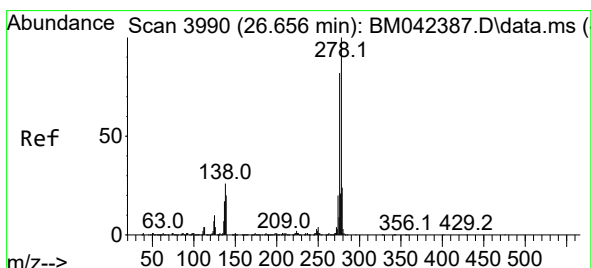
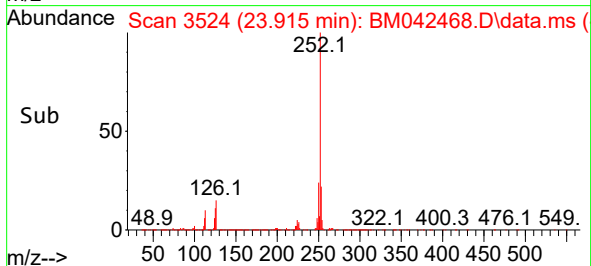
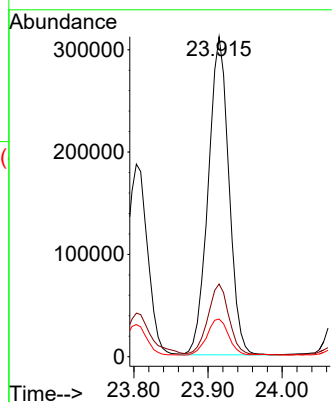
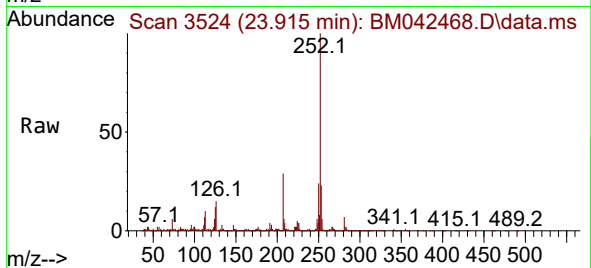
Tgt Ion:252 Resp: 602522

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 11.8 10.9 16.3



#91

Dibenzo(a,h)anthracene

Concen: 2.312 ng

RT: 26.615 min Scan# 3983

Delta R.T. -0.041 min

Lab File: BM042468.D

Acq: 27 Oct 2023 00:42

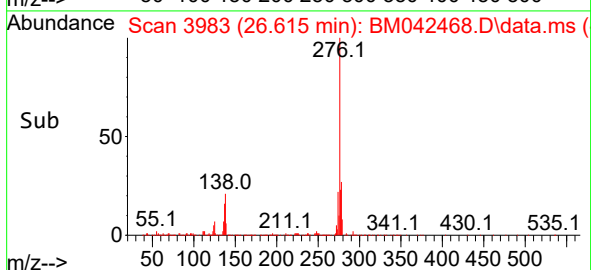
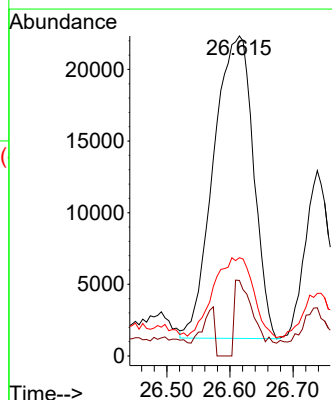
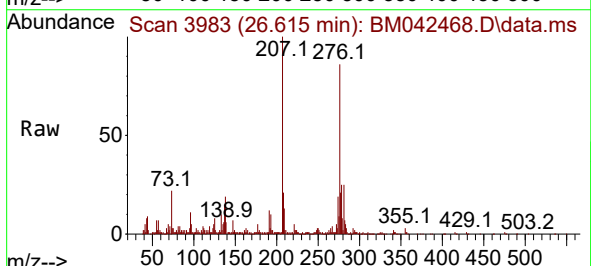
Tgt Ion:278 Resp: 92374

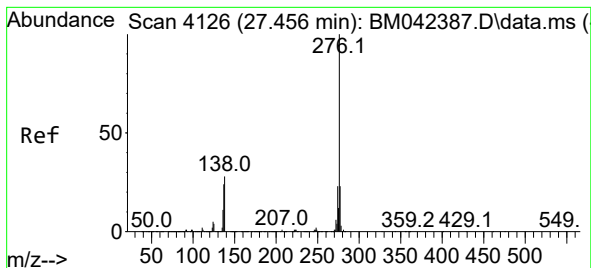
Ion Ratio Lower Upper

278 100

139 23.6 15.6 23.4#

279 30.7 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 8.119 ng

RT: 27.409 min Scan# 41

Delta R.T. -0.047 min

Lab File: BM042468.D

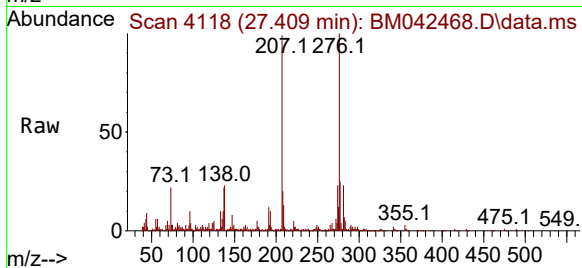
Acq: 27 Oct 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DUP-02



Tgt Ion:276 Resp: 315075

Ion Ratio Lower Upper

276 100

277 25.4 18.3 27.5

138 23.2 22.6 34.0

