

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047260.D
 Acq On : 19 Aug 2024 20:09
 Operator : RC/JU
 Sample : P3637-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI - 370

Quant Time: Aug 20 02:01:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

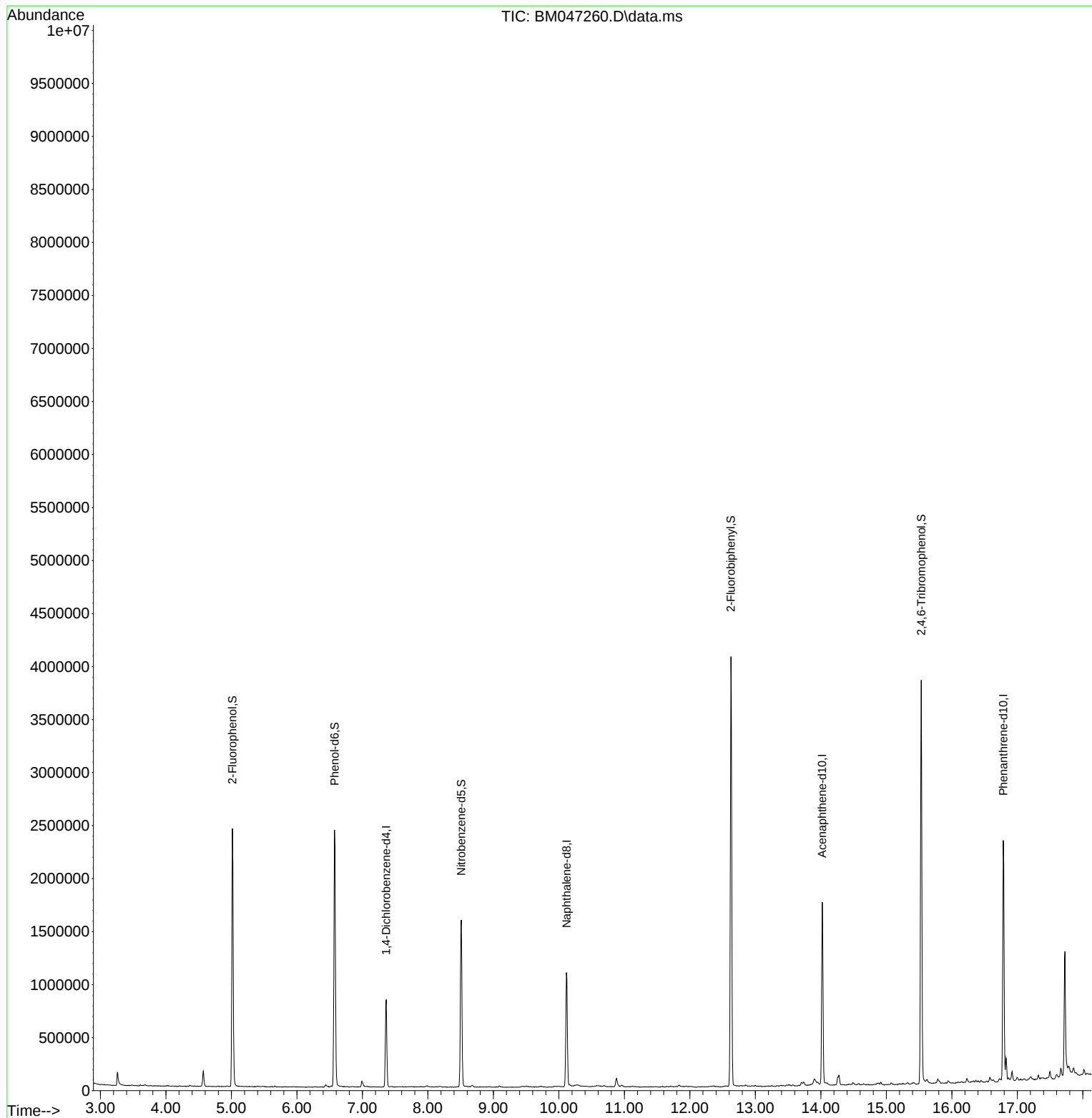
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	227341	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	888897	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	608006	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1348748	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1294513	20.000	ng	0.00
86) Perylene-d12	23.732	264	1242528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1056710	83.055	ng	0.00
7) Phenol-d6	6.575	99	1421425	81.079	ng	-0.01
23) Nitrobenzene-d5	8.510	82	918297	52.019	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	707492	100.354	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	2158113	54.752	ng	-0.02
79) Terphenyl-d14	19.456	244	3803196	62.953	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.862	202	400840	4.869	ng	98
78) Pyrene	19.233	202	370642	4.010	ng	99
81) Benzo(a)anthracene	21.009	228	211265	2.458	ng	99
83) Chrysene	21.068	228	221132	2.712	ng	98
84) Bis(2-ethylhexyl)phtha...	20.968	149	1144111	21.387	ng	100
88) Benzo(b)fluoranthene	22.885	252	273274	3.703	ng	# 97
90) Benzo(a)pyrene	23.603	252	163970	2.565	ng	# 90

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

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ETGI - 370

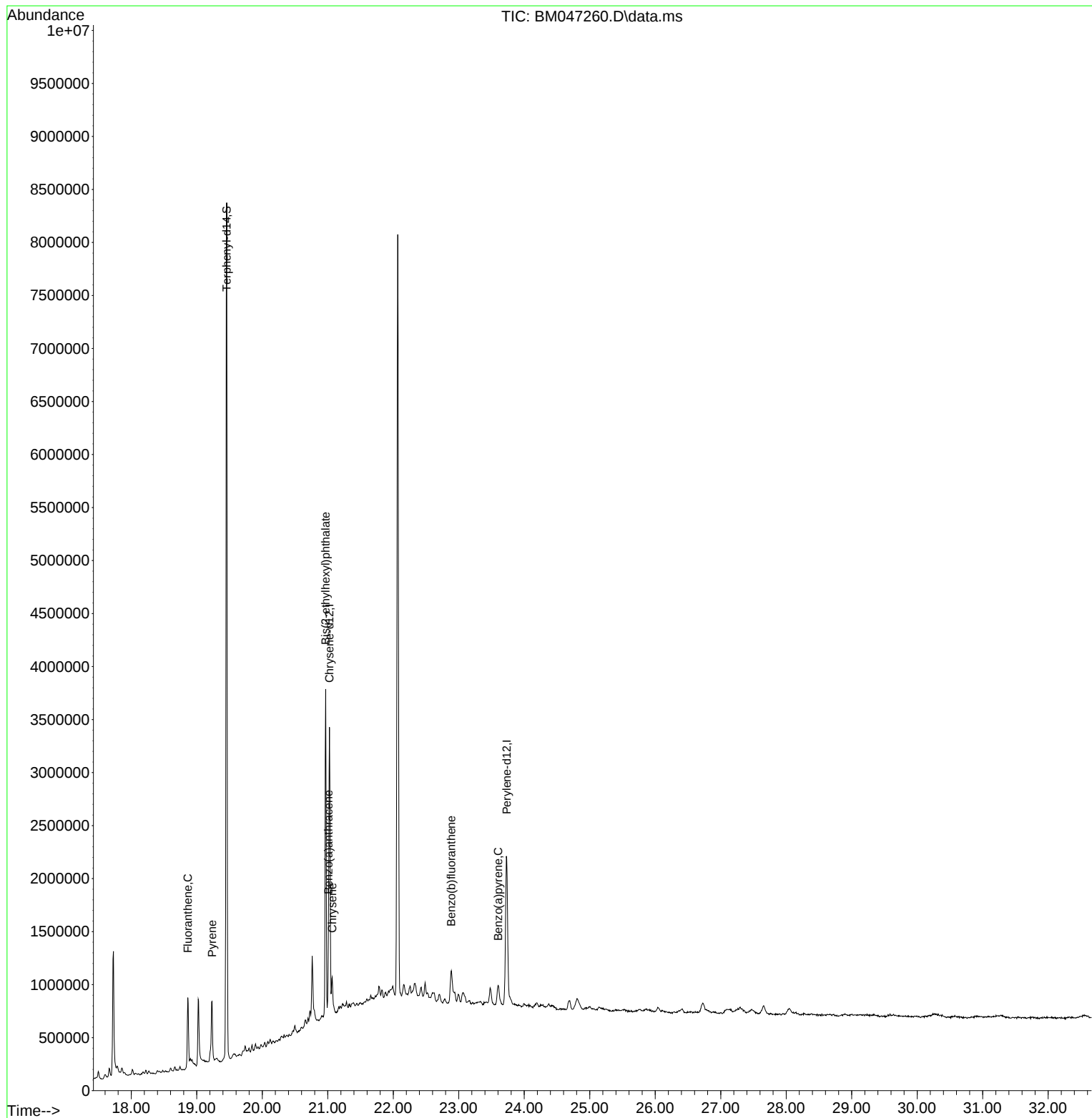
Quant Time: Aug 20 02:01:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

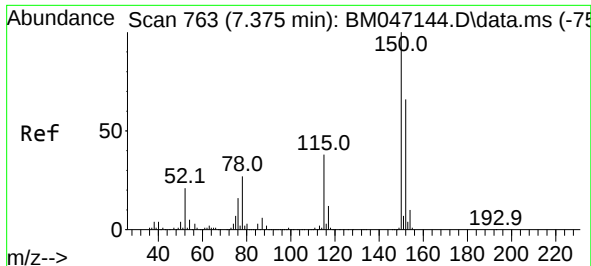


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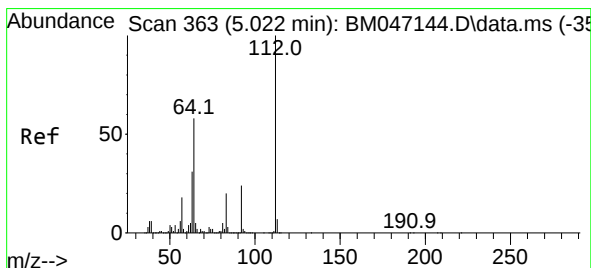
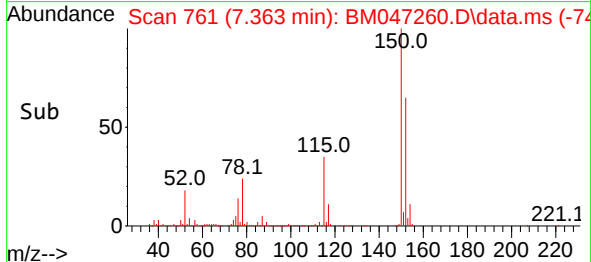
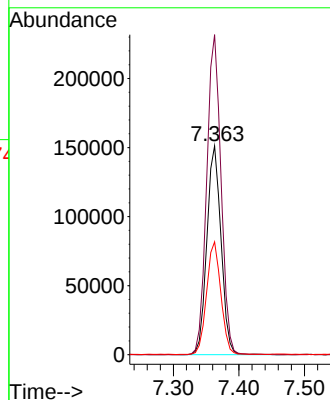
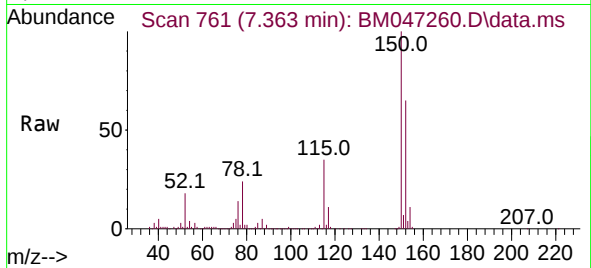




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047260.D
Acq: 19 Aug 2024 20:09

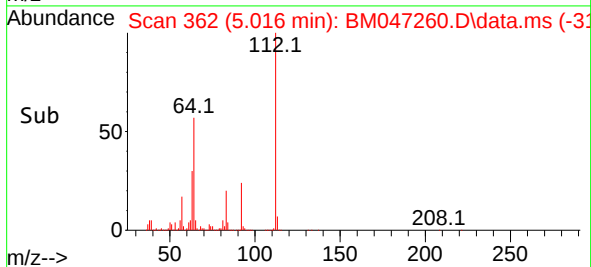
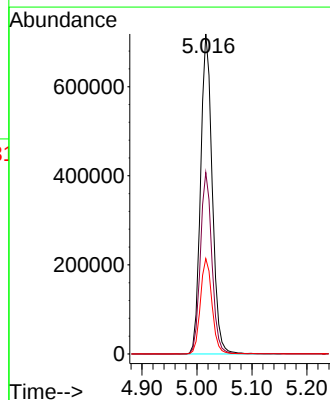
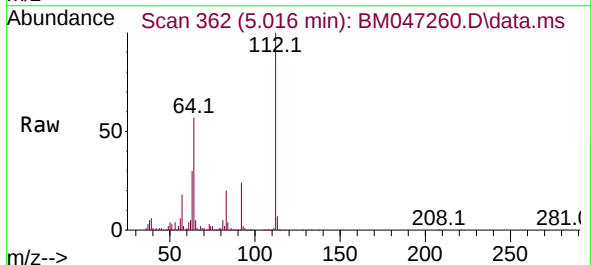
Instrument :
BNA_M
ClientSampleId :
ETGI - 370

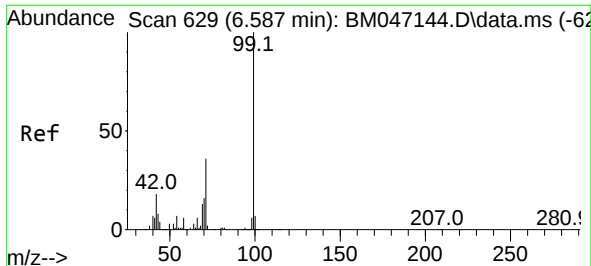
Tgt Ion:152 Resp: 227341
Ion Ratio Lower Upper
152 100
150 153.3 120.5 180.7
115 54.0 45.5 68.3



#5
2-Fluorophenol
Concen: 83.055 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047260.D
Acq: 19 Aug 2024 20:09

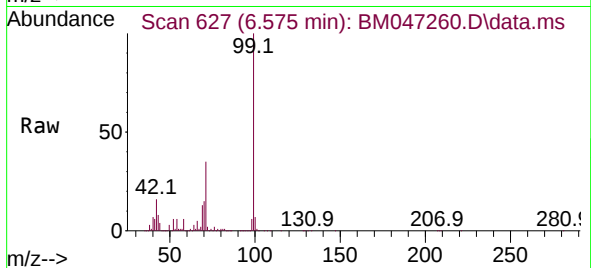
Tgt Ion:112 Resp: 1056710
Ion Ratio Lower Upper
112 100
64 56.7 46.7 70.1
63 29.8 24.8 37.2





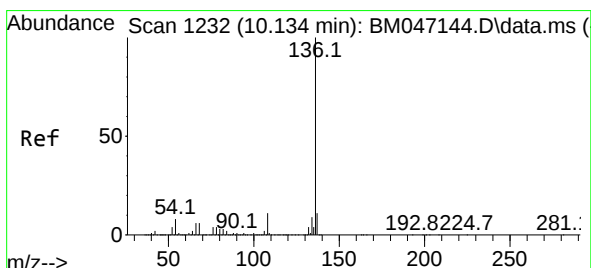
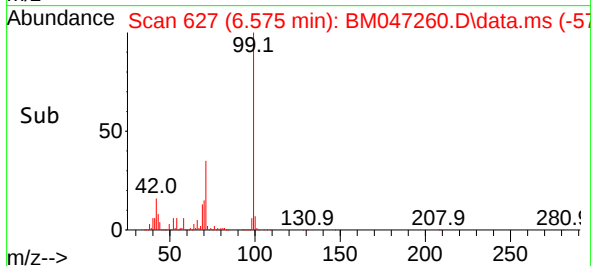
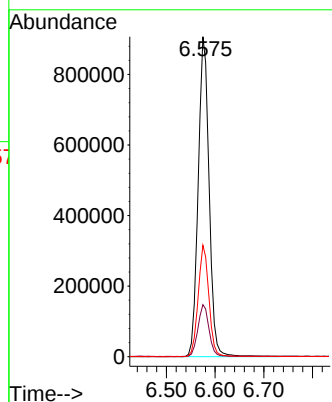
#7
Phenol-d6
Concen: 81.079 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047260.D
Acq: 19 Aug 2024 20:09

Instrument :
BNA_M
ClientSampleId :
ETGI - 370



Tgt Ion: 99 Resp: 1421425

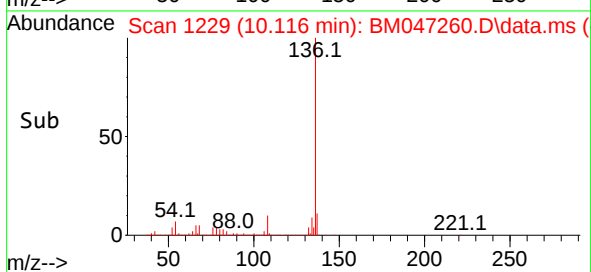
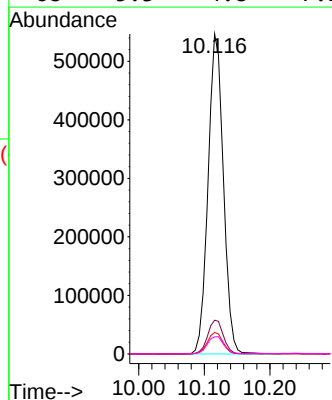
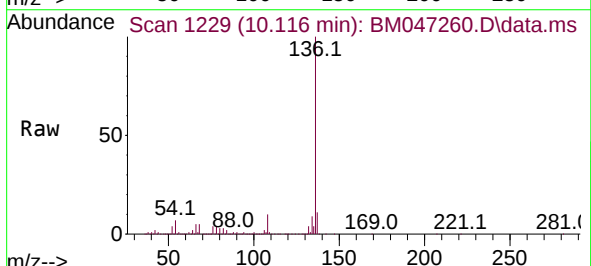
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	34.8	28.5	42.7

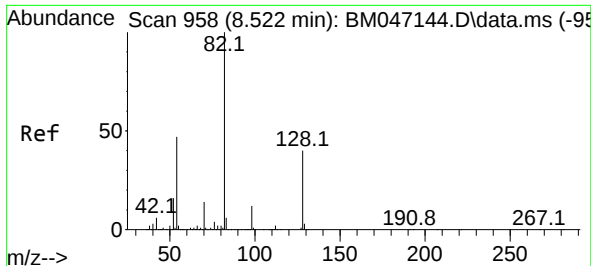


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047260.D
Acq: 19 Aug 2024 20:09

Tgt Ion: 136 Resp: 888897

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	6.0	9.0
68	5.3	4.8	7.2

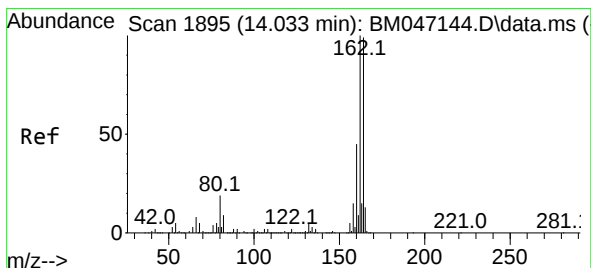
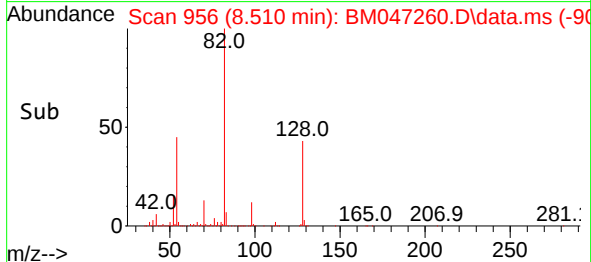
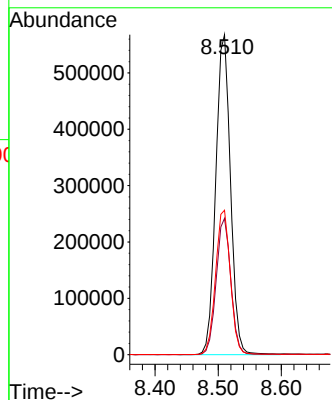
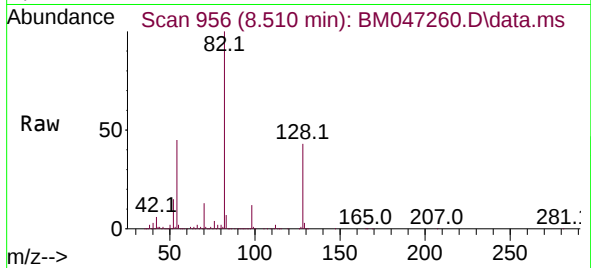




#23
 Nitrobenzene-d5
 Concen: 52.019 ng
 RT: 8.510 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM047260.D
 Acq: 19 Aug 2024 20:09

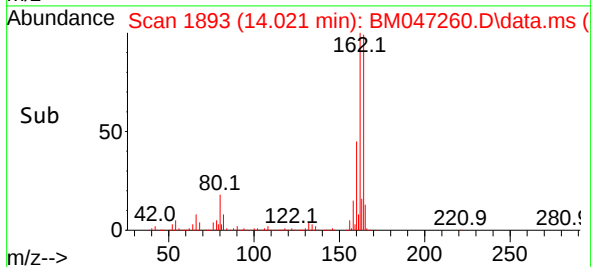
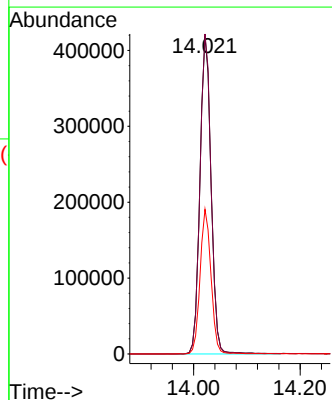
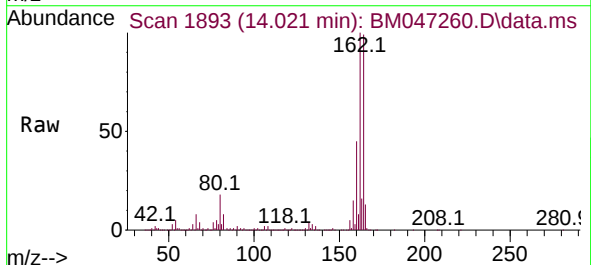
Instrument :
 BNA_M
 ClientSampleId :
 ETGI - 370

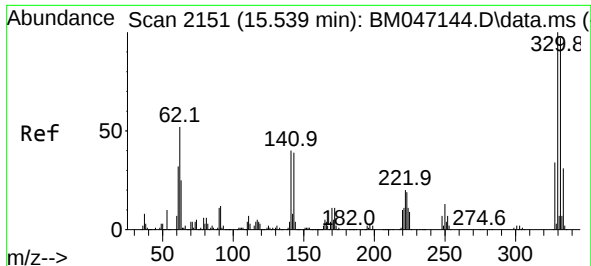
Tgt Ion: 82 Resp: 918297
 Ion Ratio Lower Upper
 82 100
 128 42.6 32.3 48.5
 54 45.2 37.4 56.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.021 min Scan# 1893
 Delta R.T. -0.012 min
 Lab File: BM047260.D
 Acq: 19 Aug 2024 20:09

Tgt Ion: 164 Resp: 608006
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.7 121.1
 160 45.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 100.354 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

Instrument :

BNA_M

ClientSampleId :

ETGI - 370

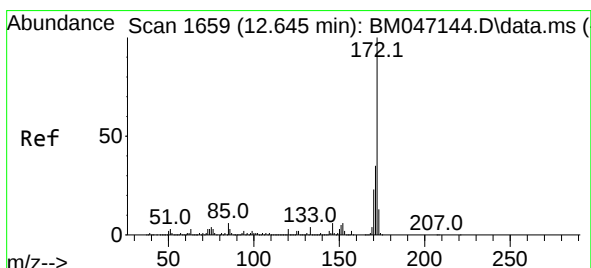
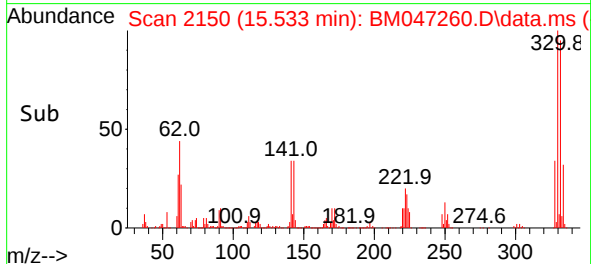
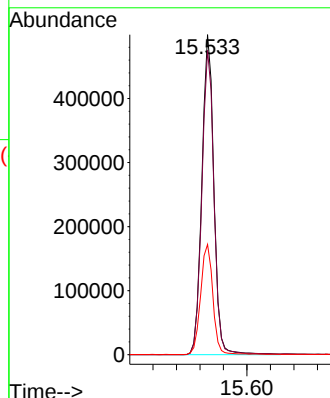
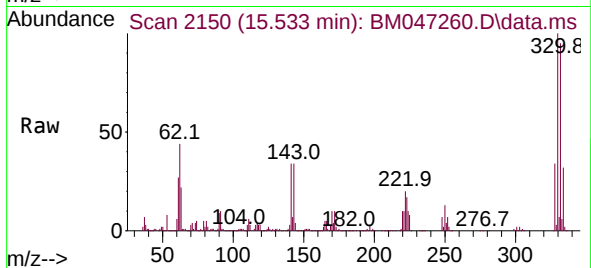
Tgt Ion:330 Resp: 707492

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

141 35.1 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 54.752 ng

RT: 12.627 min Scan# 1656

Delta R.T. -0.018 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

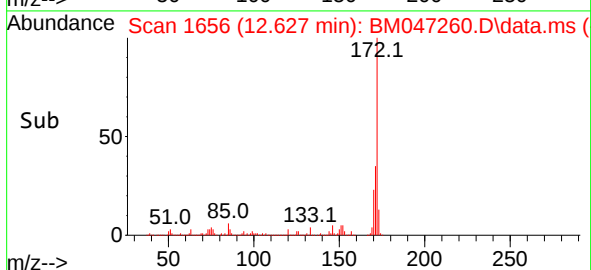
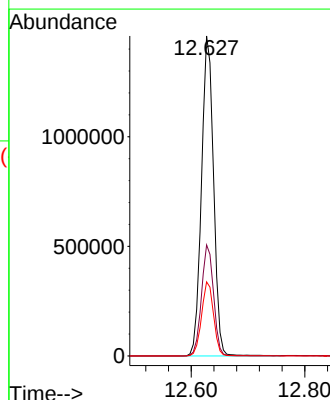
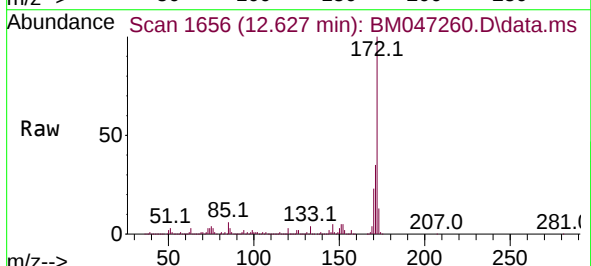
Tgt Ion:172 Resp: 2158113

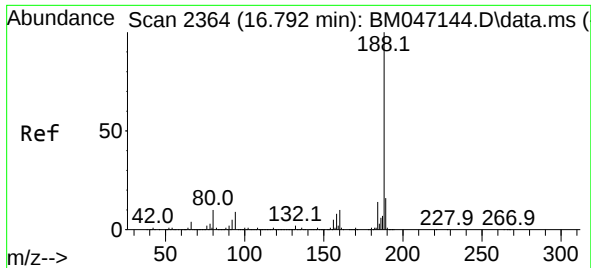
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.2 18.7 28.1

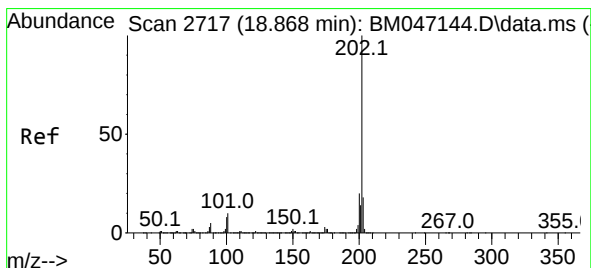
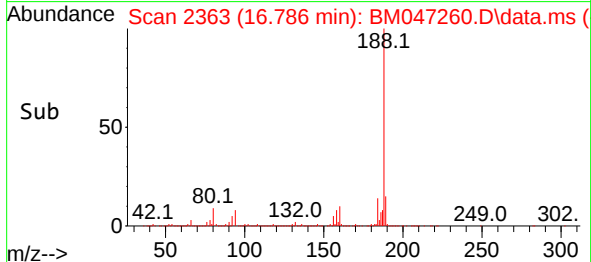
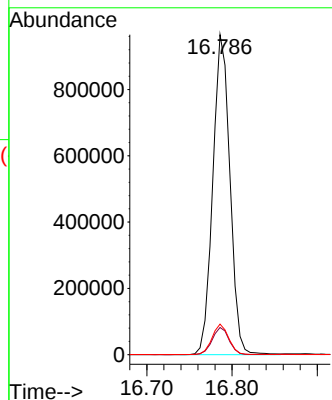
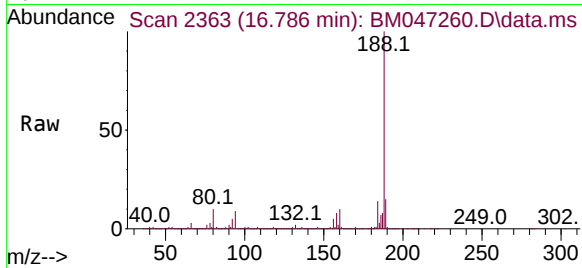




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047260.D
Acq: 19 Aug 2024 20:09

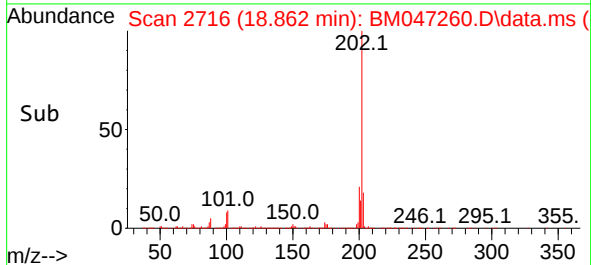
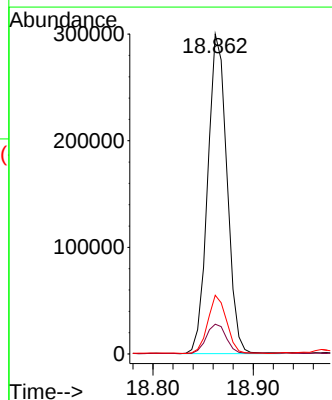
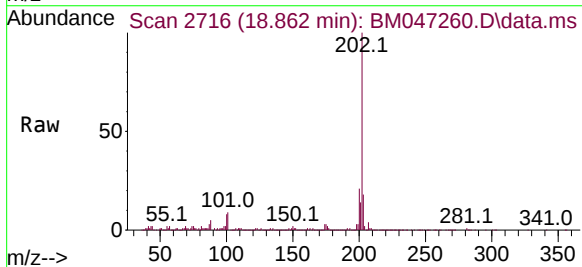
Instrument :
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ETGI - 370

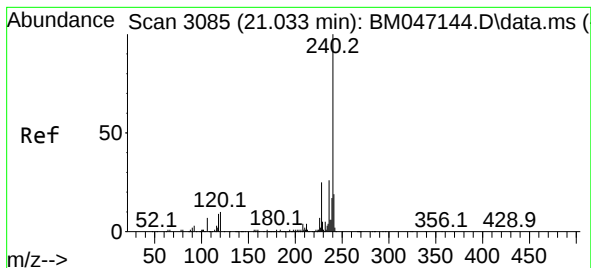
Tgt Ion:188 Resp: 1348748
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.5 8.0 12.0



#75
Fluoranthene
Concen: 4.869 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047260.D
Acq: 19 Aug 2024 20:09

Tgt Ion:202 Resp: 400840
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.2
203 18.4 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

Instrument :

BNA_M

ClientSampleId :

ETGI - 370

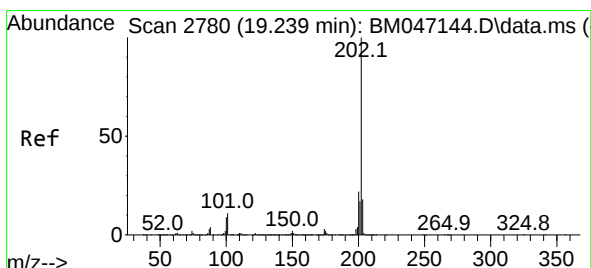
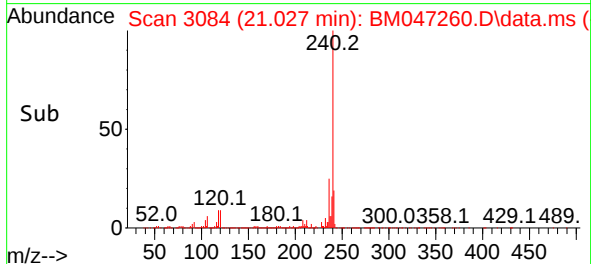
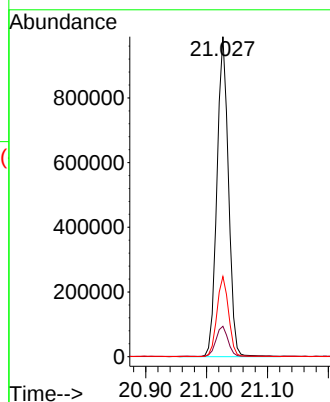
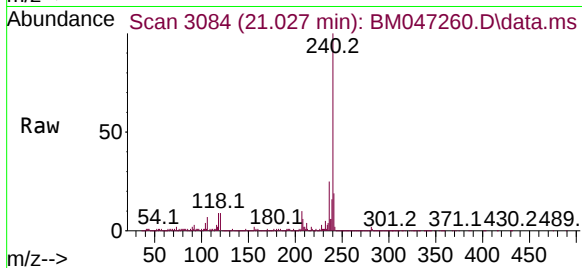
Tgt Ion:240 Resp: 1294513

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

236 25.0 20.6 30.8



#78

Pyrene

Concen: 4.010 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

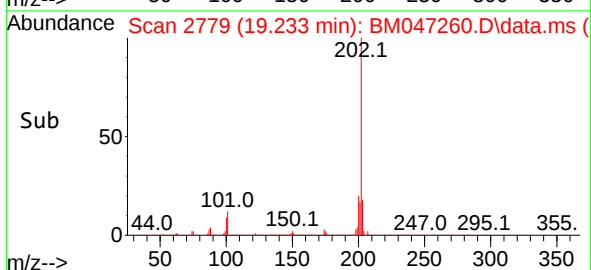
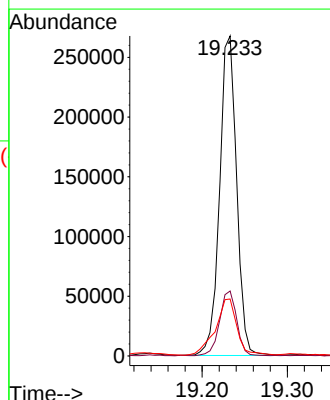
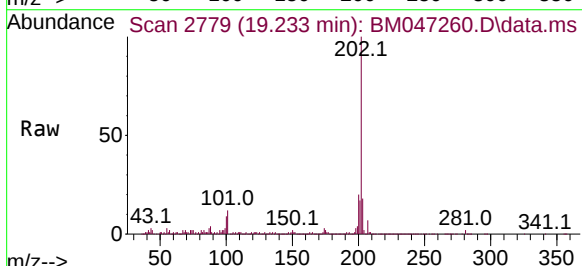
Tgt Ion:202 Resp: 370642

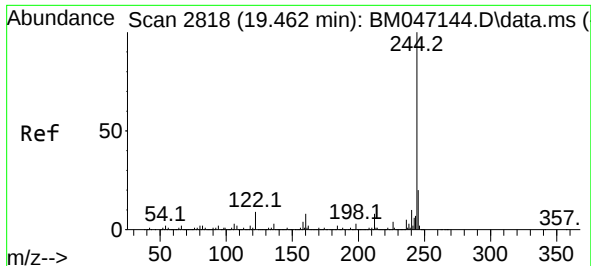
Ion Ratio Lower Upper

202 100

200 20.3 17.2 25.8

203 17.8 14.2 21.2

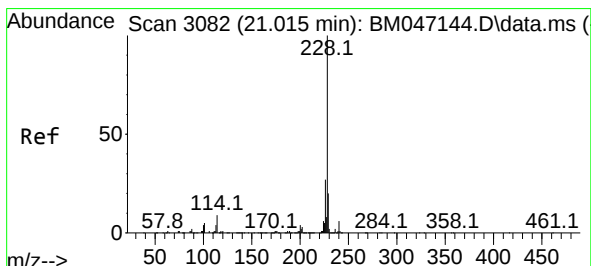
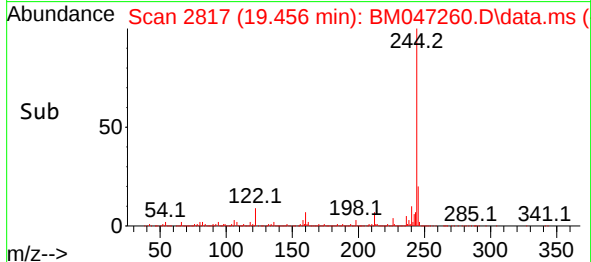
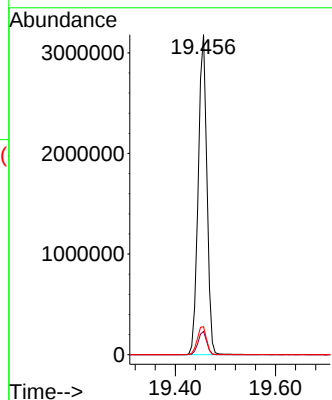
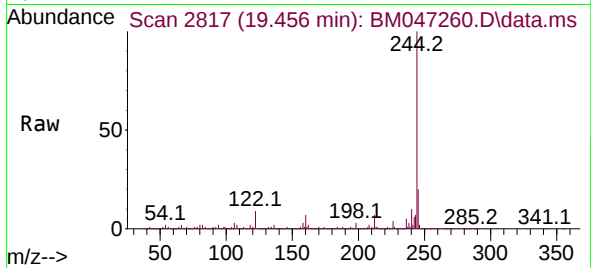




#79
 Terphenyl-d14
 Concen: 62.953 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047260.D
 Acq: 19 Aug 2024 20:09

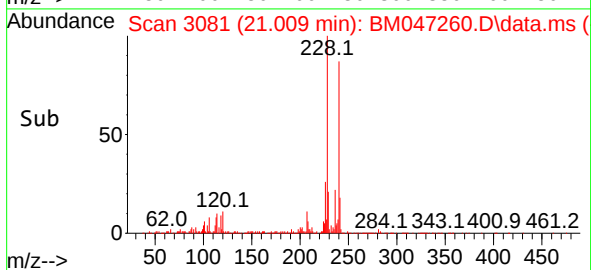
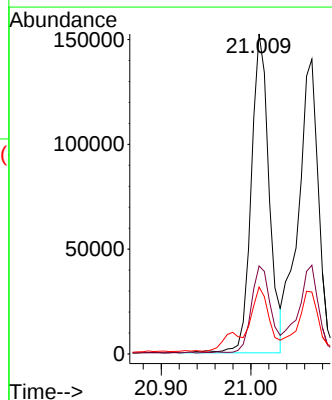
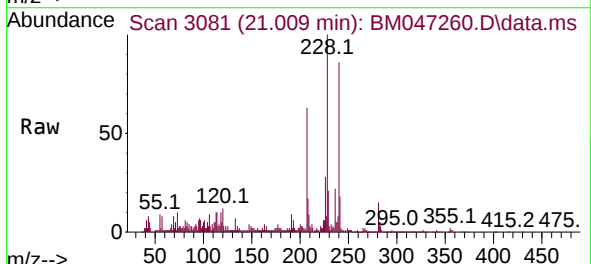
Instrument :
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 ETGI - 370

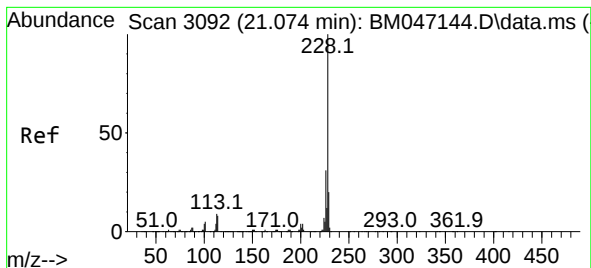
Tgt Ion:244 Resp: 3803196
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.7 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.458 ng
 RT: 21.009 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BM047260.D
 Acq: 19 Aug 2024 20:09

Tgt Ion:228 Resp: 211265
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.8 32.6
 229 20.9 15.8 23.8





#83

Chrysene

Concen: 2.712 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

Instrument :

BNA_M

ClientSampleId :

ETGI - 370

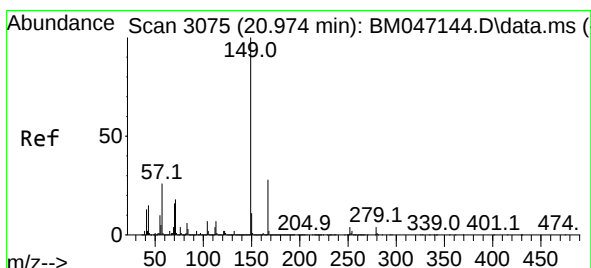
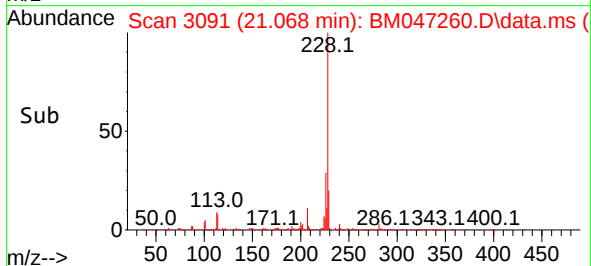
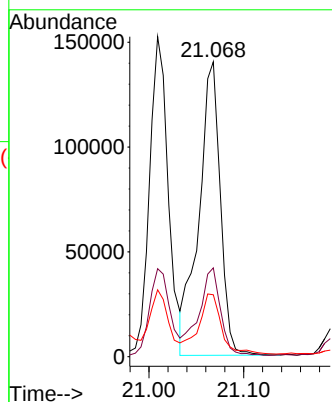
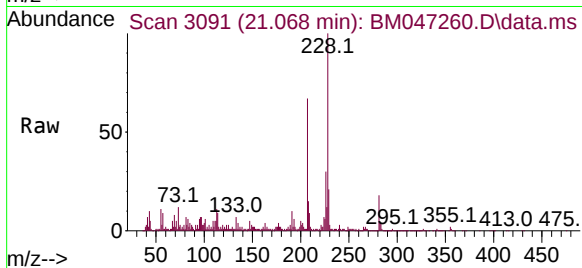
Tgt Ion:228 Resp: 221132

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 21.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.387 ng

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

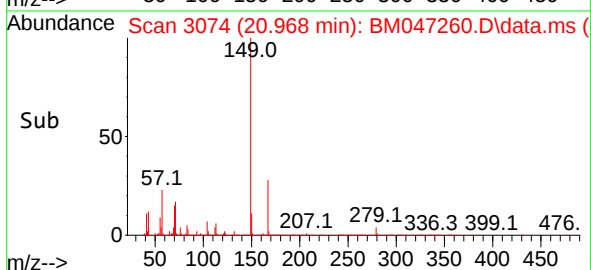
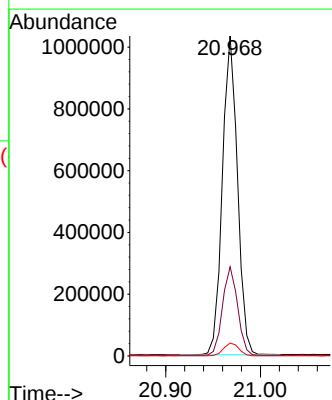
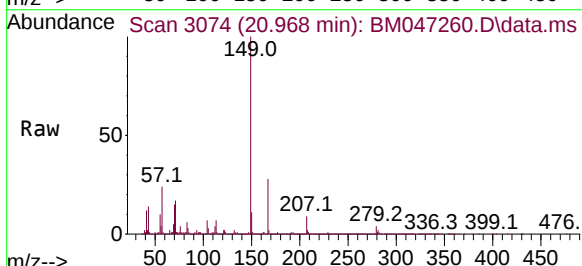
Tgt Ion:149 Resp: 1144111

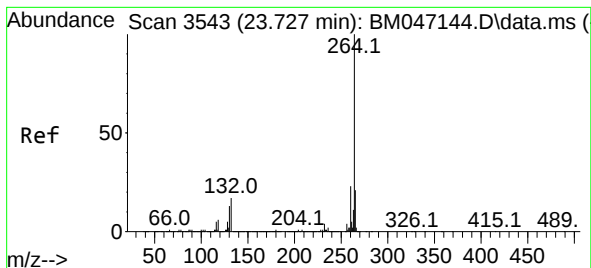
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 4.1 3.0 4.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.732 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

Instrument :

BNA_M

ClientSampleId :

ETGI - 370

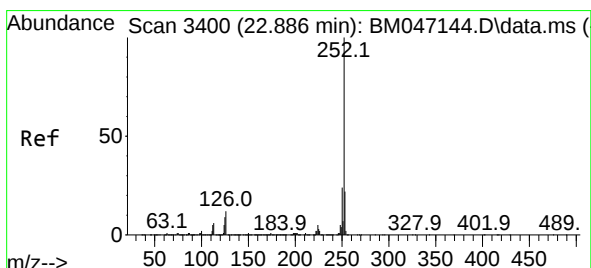
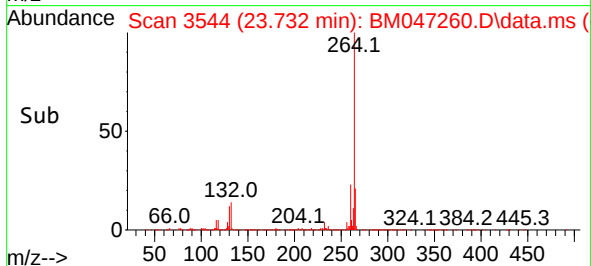
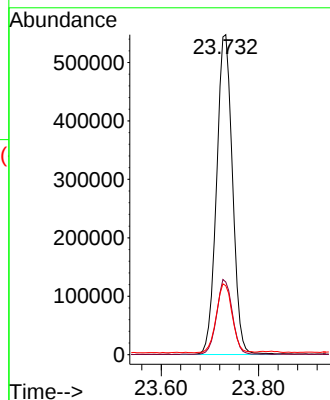
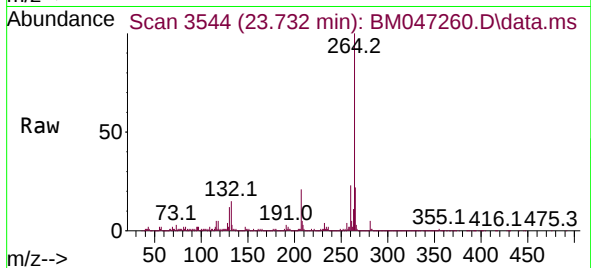
Tgt Ion:264 Resp: 1242528

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.6 17.3 25.9



#88

Benzo(b)fluoranthene

Concen: 3.703 ng

RT: 22.885 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM047260.D

Acq: 19 Aug 2024 20:09

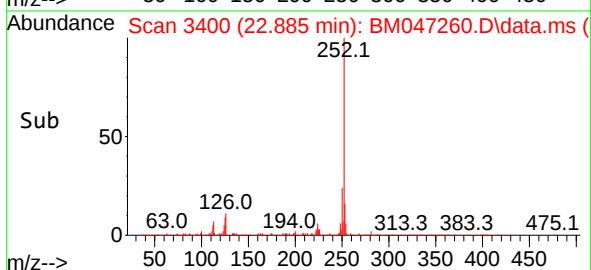
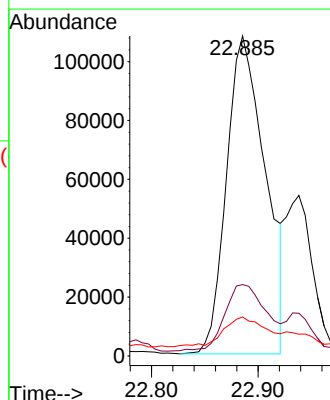
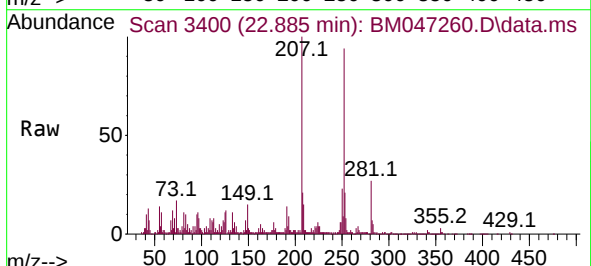
Tgt Ion:252 Resp: 273274

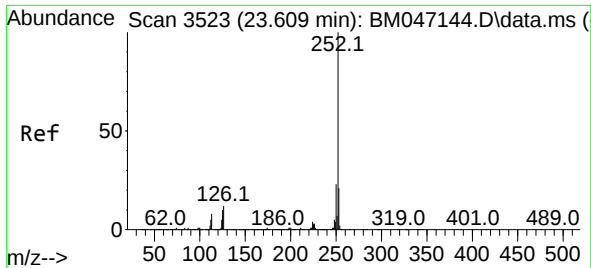
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 12.2 7.4 11.0#





#90
 Benzo(a)pyrene
 Concen: 2.565 ng
 RT: 23.603 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM047260.D
 Acq: 19 Aug 2024 20:09

Instrument :
 BNA_M
 ClientSampleId :
 ETGI - 370

Tgt Ion:252 Resp: 163970
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.1 25.7
 125 15.9 8.2 12.2#

