

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042557.D
 Acq On : 02 Nov 2023 12:37
 Operator : MA/JU
 Sample : 05164-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352

Quant Time: Nov 02 13:39:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

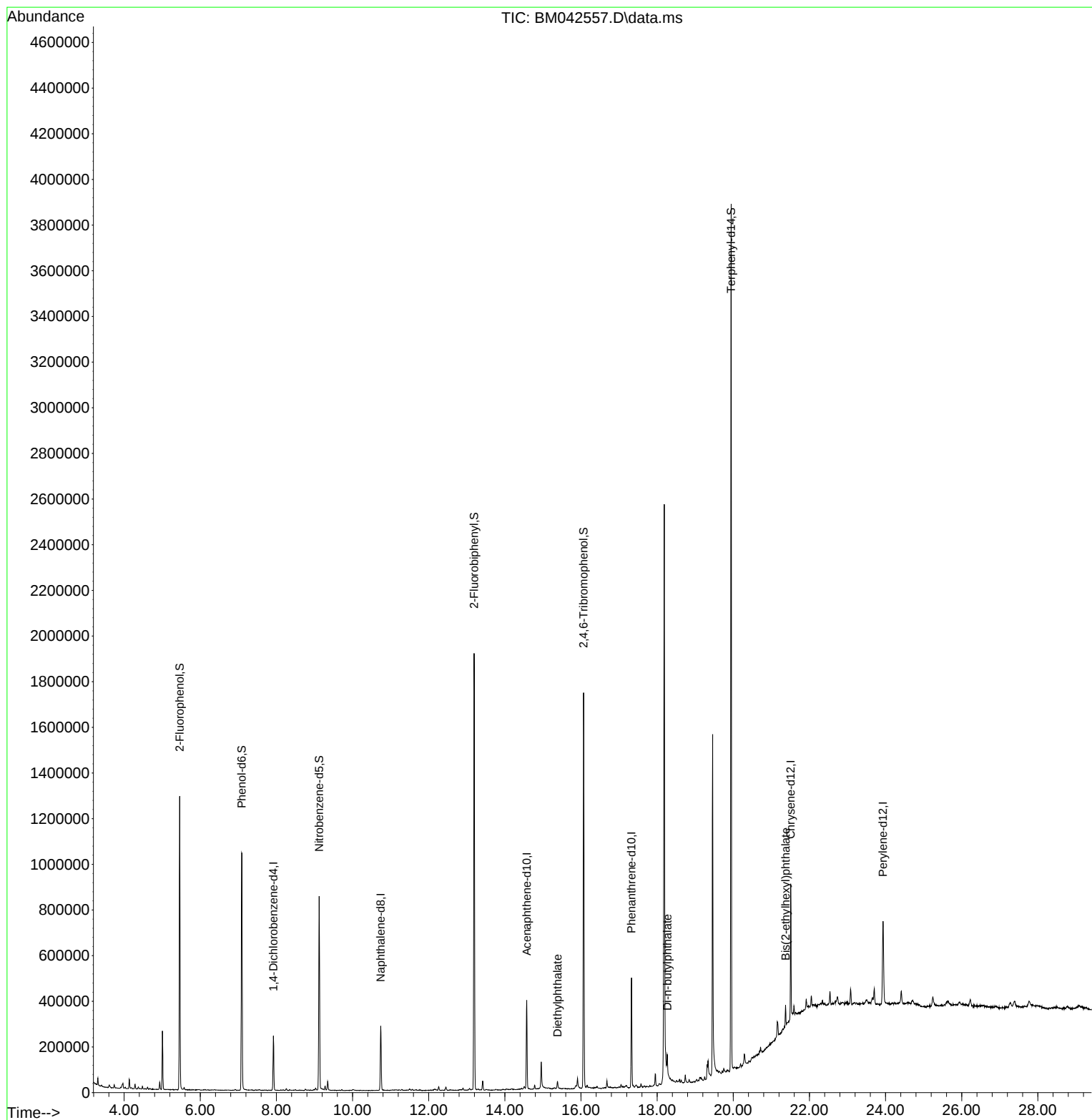
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	53571	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	198832	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	116132	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	260821	20.000	ng	0.00
76) Chrysene-d12	21.509	240	267620	20.000	ng	0.00
86) Perylene-d12	23.933	264	288211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	442863	133.417	ng	0.00
7) Phenol-d6	7.087	99	508556	111.711	ng	-0.01
23) Nitrobenzene-d5	9.122	82	441710	103.560	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	262335	173.021	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	858107	99.427	ng	0.00
79) Terphenyl-d14	19.945	244	1675859	106.180	ng	0.00
Target Compounds						
60) Diethylphthalate	15.380	149	21430	2.437	ng	99
74) Di-n-butylphthalate	18.268	149	57505	3.728	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	31314	2.640	ng	97

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

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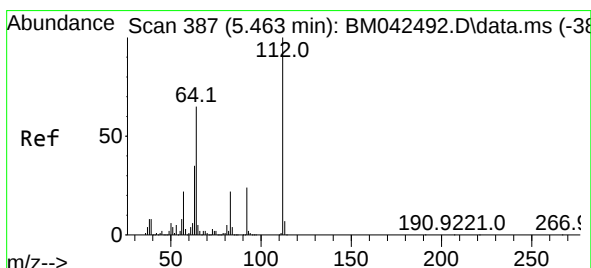
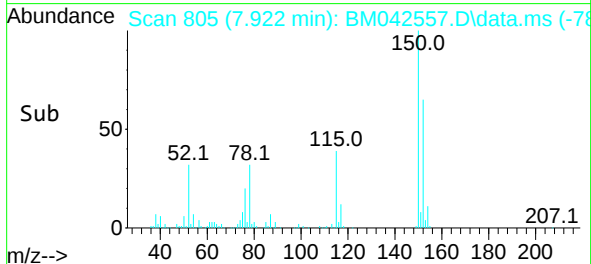
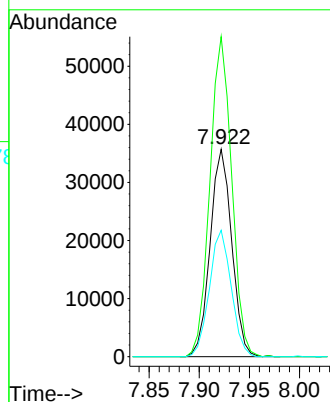
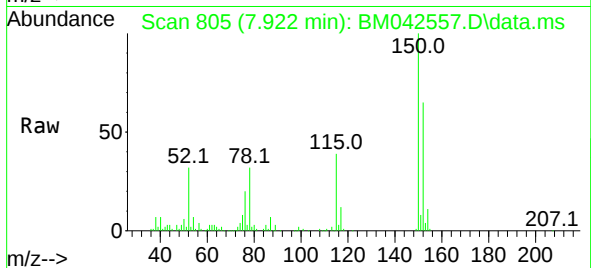




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

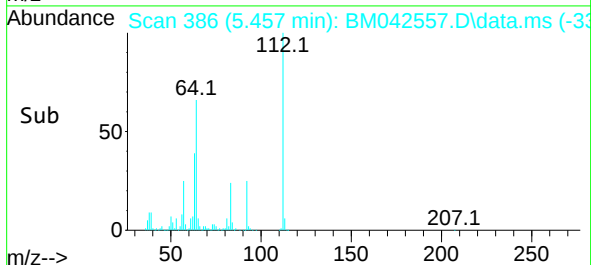
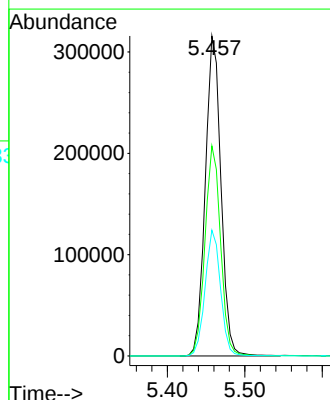
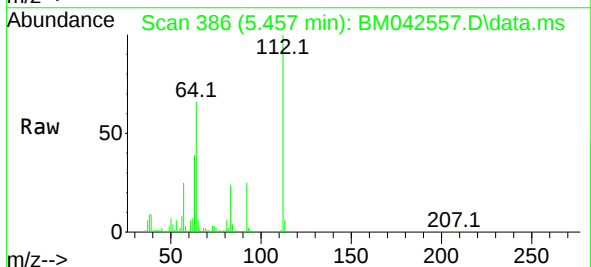
Instrument :
BNA_M
ClientSampleId :
ETGI-352

Tgt Ion:152 Resp: 53571
Ion Ratio Lower Upper
152 100
150 154.3 127.4 191.0
115 60.9 47.9 71.9



#5
2-Fluorophenol
Concen: 133.417 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

Tgt Ion:112 Resp: 442863
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 39.3 28.3 42.5

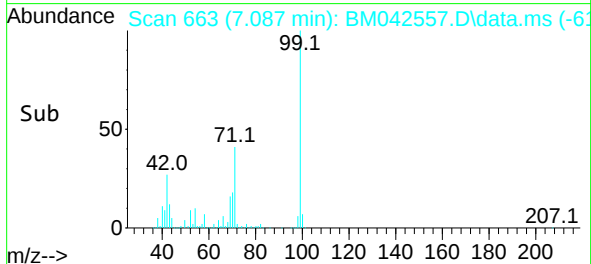
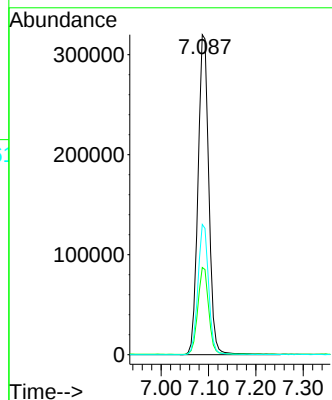
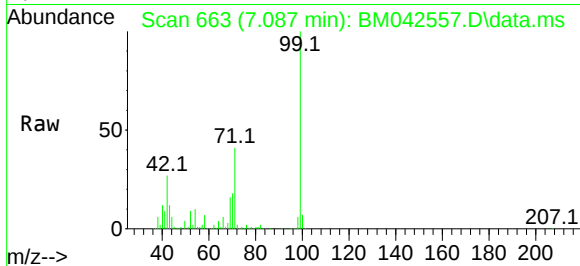




#7
Phenol-d6
Concen: 111.711 ng
RT: 7.087 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

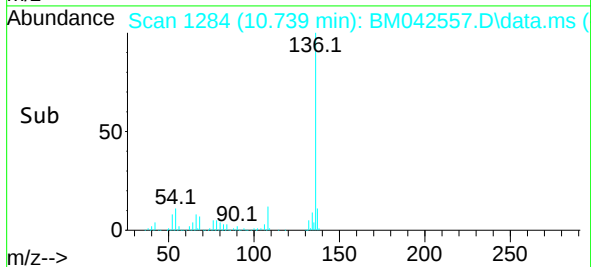
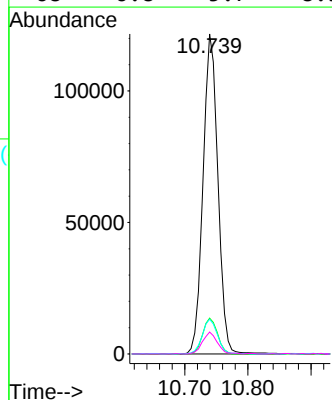
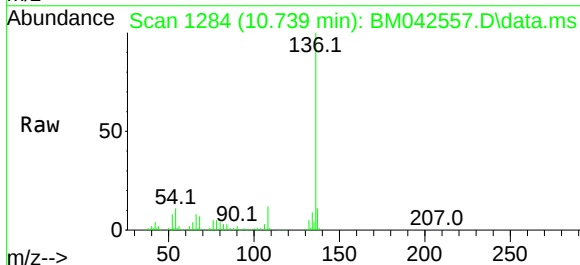
Instrument :
BNA_M
ClientSampleId :
ETGI-352

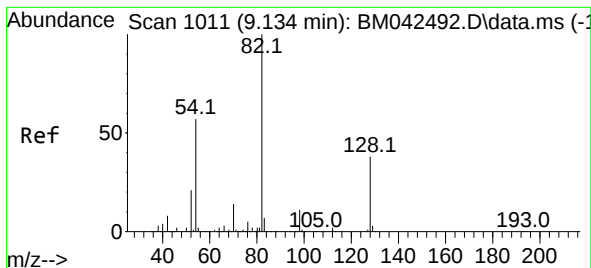
Tgt Ion: 99 Resp: 508556
Ion Ratio Lower Upper
99 100
42 27.3 18.7 28.1
71 40.7 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

Tgt Ion:136 Resp: 198832
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.8 8.0 12.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 103.560 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042557.D

Acq: 02 Nov 2023 12:37

Instrument :

BNA_M

ClientSampleId :

ETGI-352

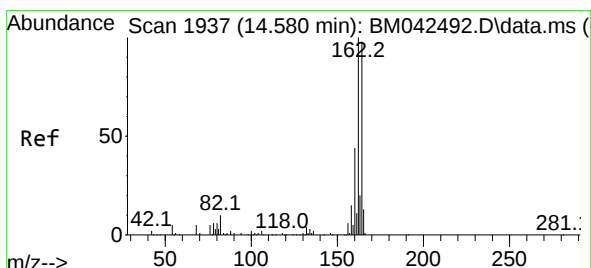
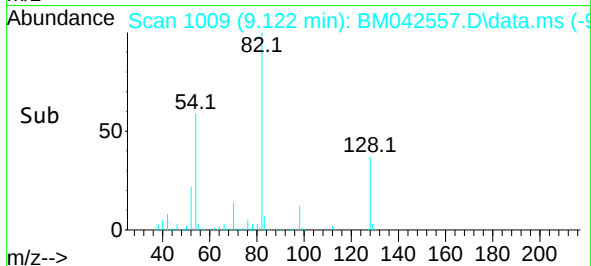
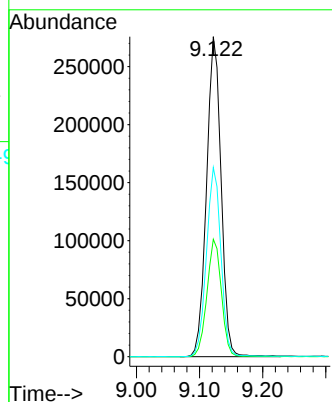
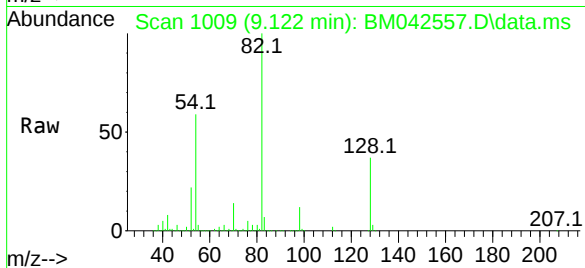
Tgt Ion: 82 Resp: 441710

Ion Ratio Lower Upper

82 100

128 36.7 30.7 46.1

54 59.1 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042557.D

Acq: 02 Nov 2023 12:37

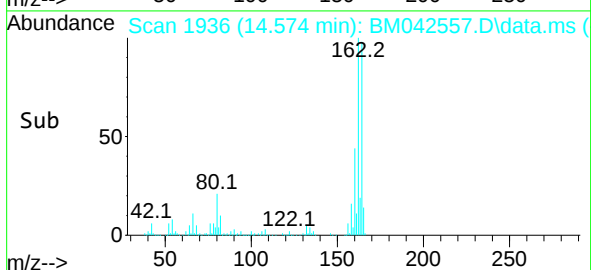
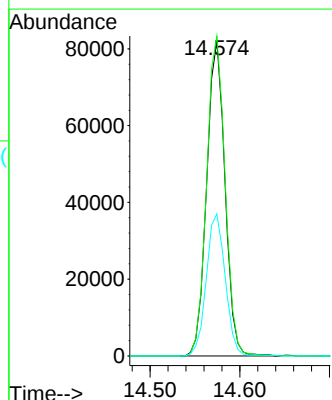
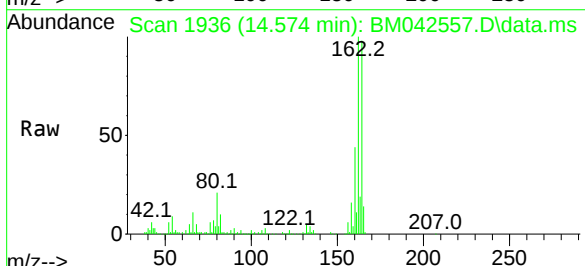
Tgt Ion:164 Resp: 116132

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 173.021 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042557.D

Acq: 02 Nov 2023 12:37

Instrument :

BNA_M

ClientSampleId :

ETGI-352

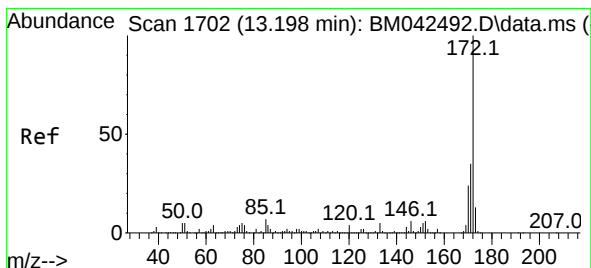
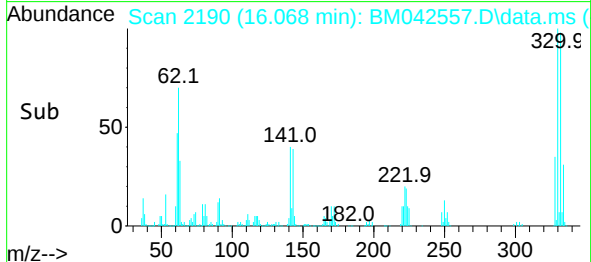
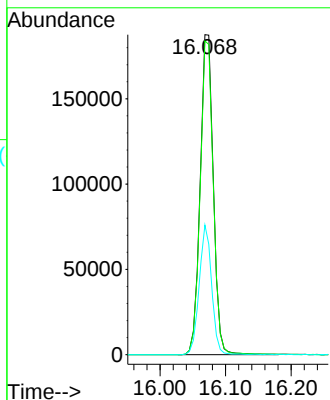
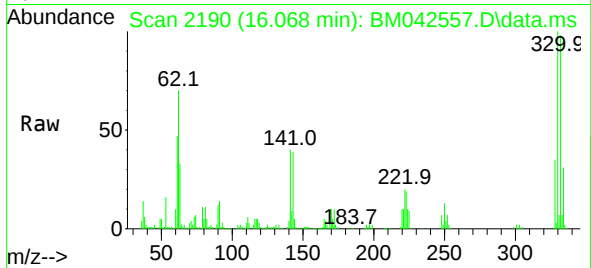
Tgt Ion:330 Resp: 262335

Ion Ratio Lower Upper

330 100

332 97.8 78.8 118.2

141 38.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 99.427 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BM042557.D

Acq: 02 Nov 2023 12:37

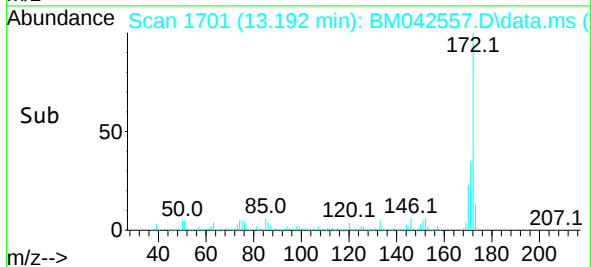
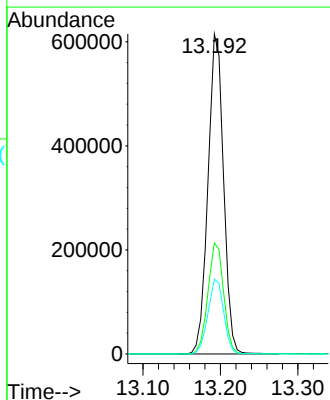
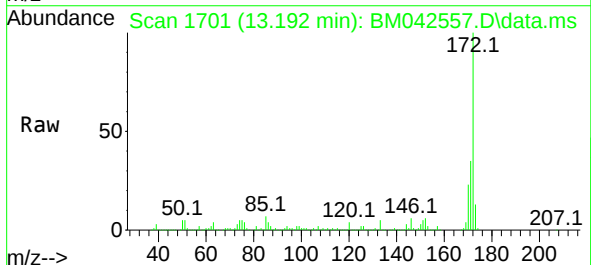
Tgt Ion:172 Resp: 858107

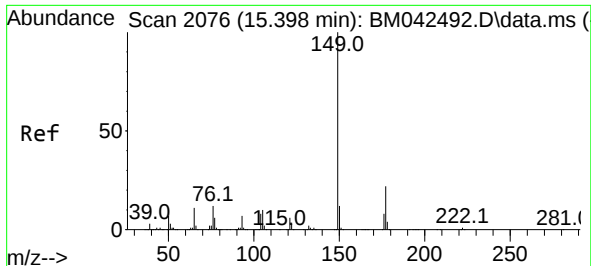
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.4 19.0 28.4

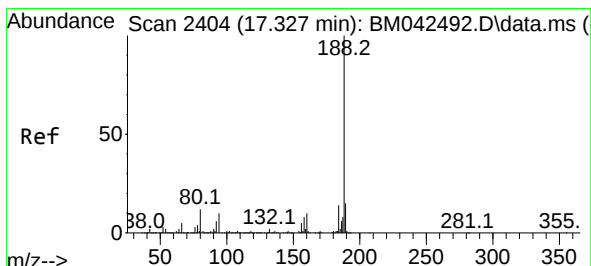
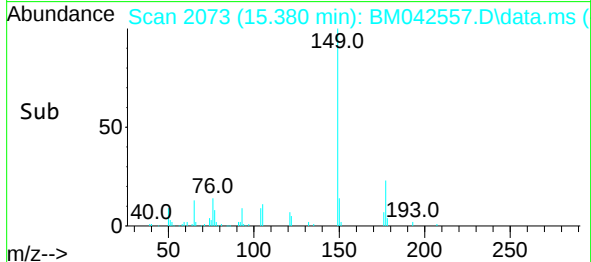
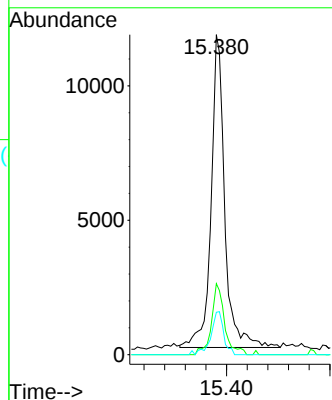
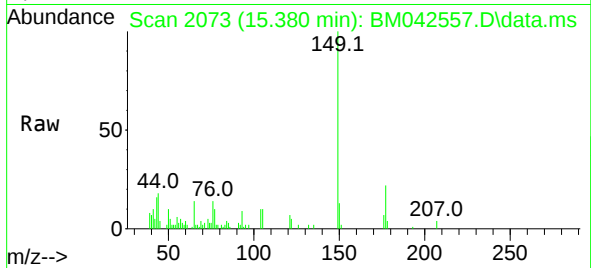




#60
Diethylphthalate
Concen: 2.437 ng
RT: 15.380 min Scan# 2076
Delta R.T. -0.018 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

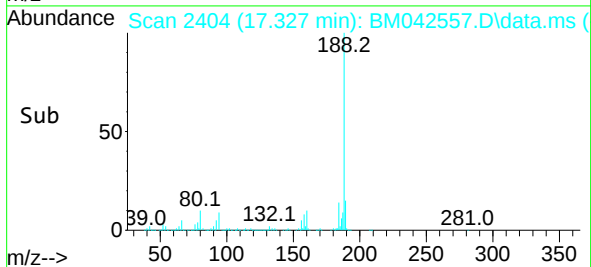
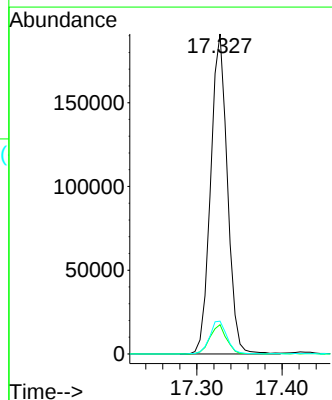
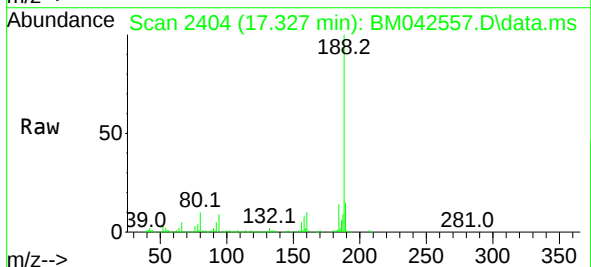
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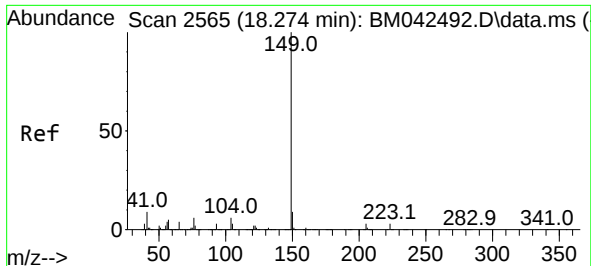
Tgt Ion:149 Resp: 21430
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 13.2 9.8 14.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

Tgt Ion:188 Resp: 260821
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 10.3 9.4 14.2

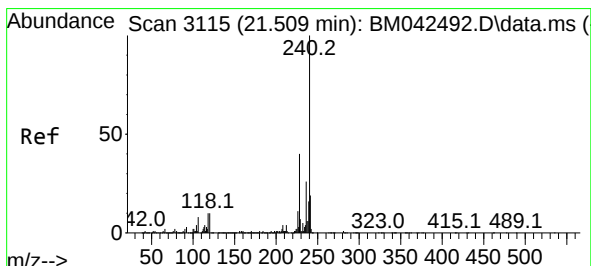
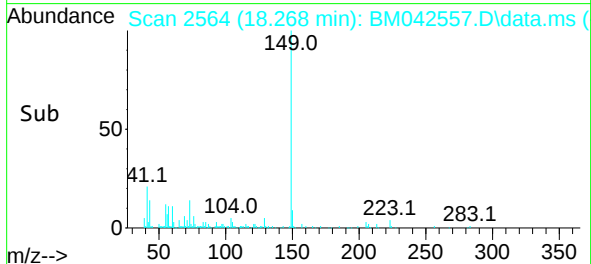
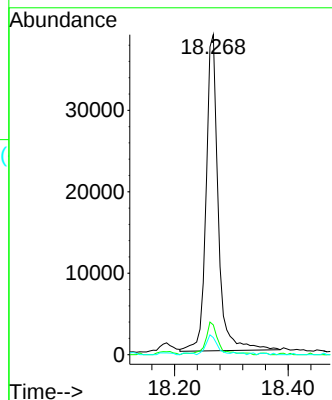
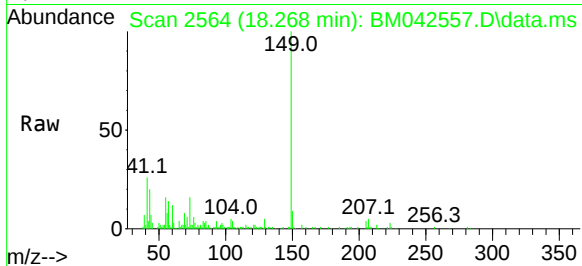




#74
Di-n-butylphthalate
Concen: 3.728 ng
RT: 18.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

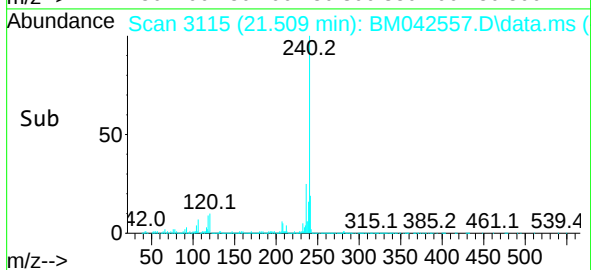
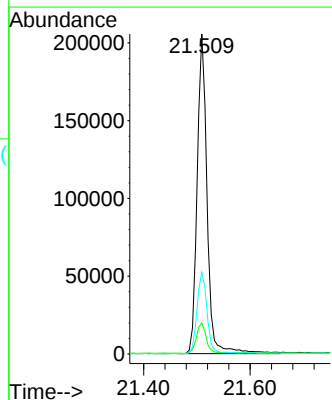
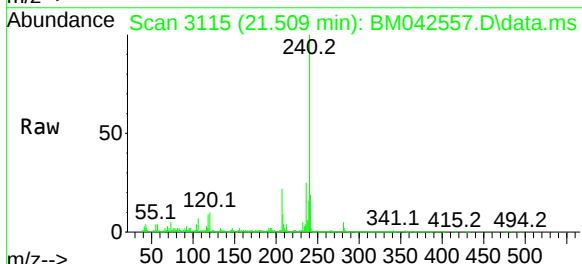
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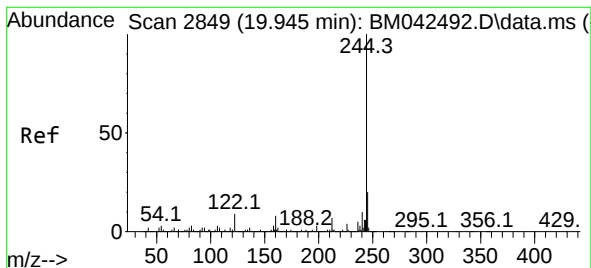
Tgt Ion:149 Resp: 57505
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 5.3 4.6 6.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042557.D
Acq: 02 Nov 2023 12:37

Tgt Ion:240 Resp: 267620
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 25.5 20.8 31.2





#79

Terphenyl-d14

Concen: 106.180 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042557.D

Acq: 02 Nov 2023 12:37

Instrument :

BNA_M

ClientSampleId :

ETGI-352

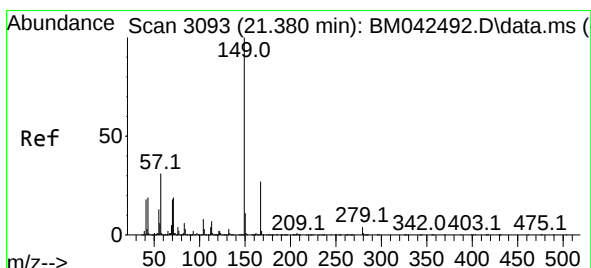
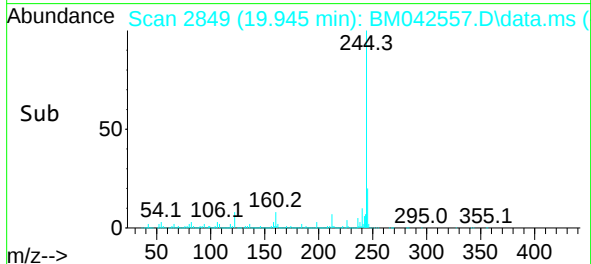
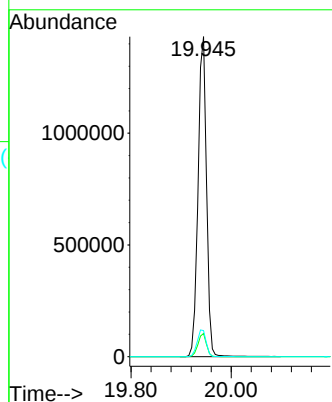
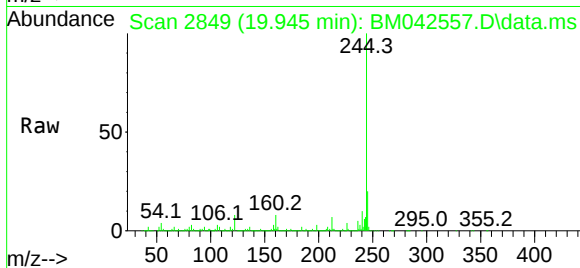
Tgt Ion:244 Resp: 1675859

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 8.1 7.2 10.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.640 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042557.D

Acq: 02 Nov 2023 12:37

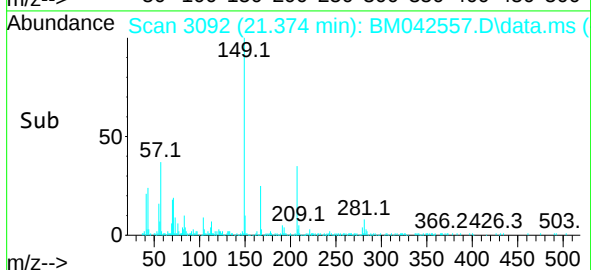
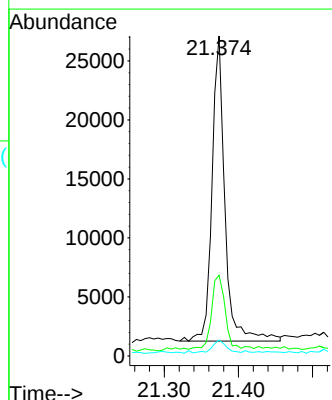
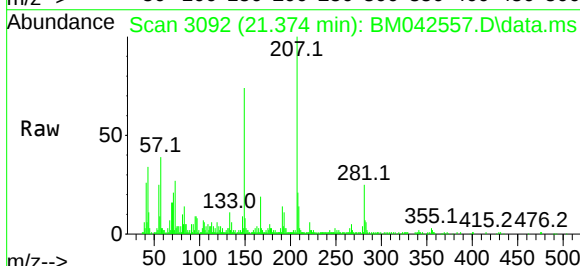
Tgt Ion:149 Resp: 31314

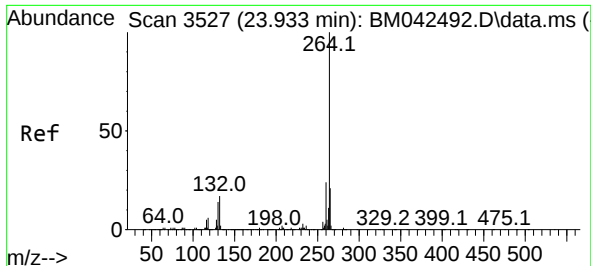
Ion Ratio Lower Upper

149 100

167 25.2 21.4 32.0

279 5.0 3.4 5.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.933 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM042557.D
 Acq: 02 Nov 2023 12:37

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-352

Tgt Ion:264 Resp: 288211
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.8 18.7 28.1

