

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044080.D
 Acq On : 14 Feb 2024 13:34
 Operator : MA/JU
 Sample : P1449-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-362

Quant Time: Feb 14 14:04:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

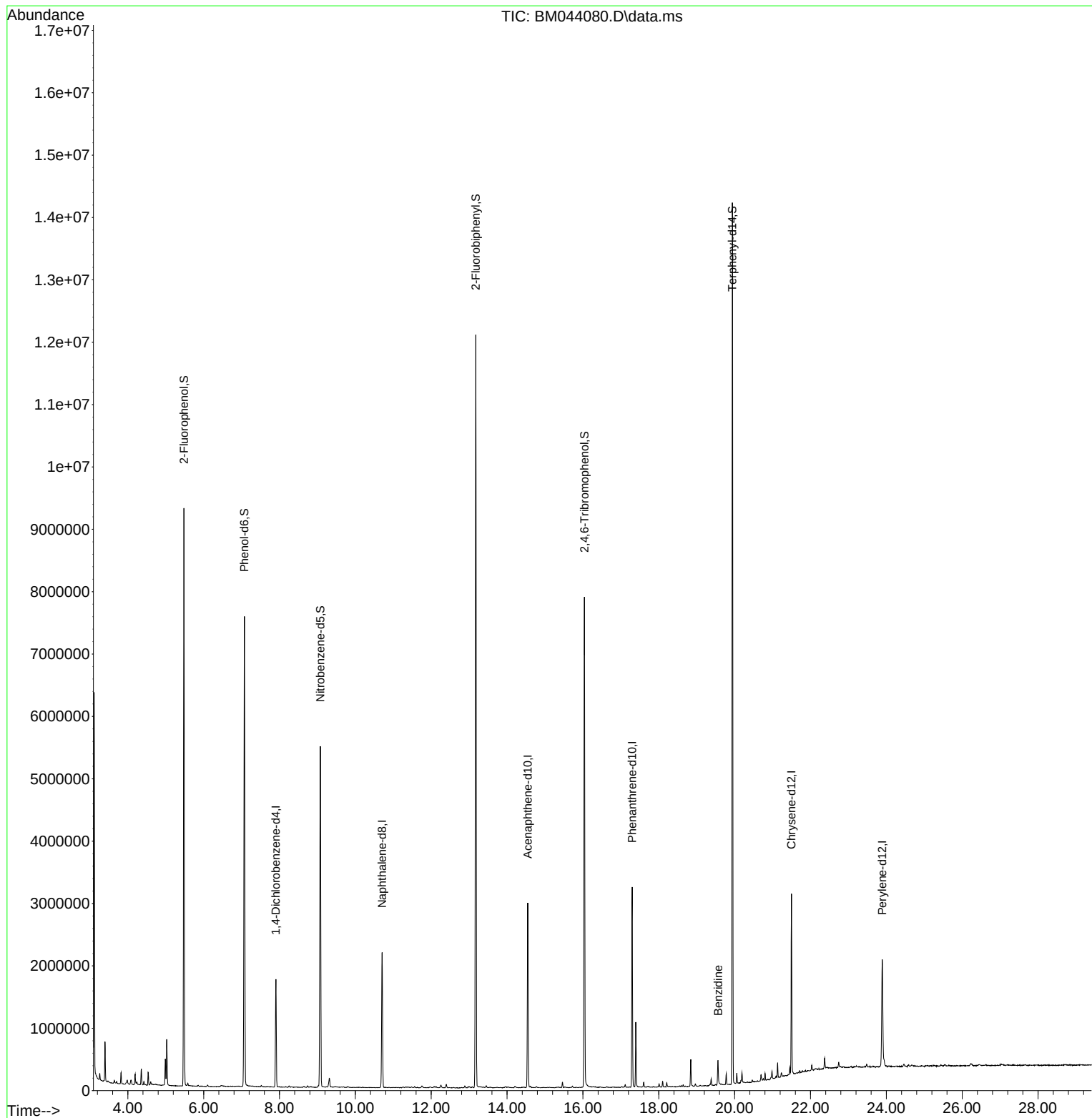
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	460822	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1858405	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	999462	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1882347	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1305921	20.000	ng	0.00
86) Perylene-d12	23.891	264	1297121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4069144	128.429	ng	0.00
7) Phenol-d6	7.075	99	4543651	112.709	ng	0.00
23) Nitrobenzene-d5	9.075	82	3222438	92.011	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1305873	120.675	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	6244536	88.178	ng	0.00
79) Terphenyl-d14	19.939	244	6882784	92.393	ng	0.00
Target Compounds						
77) Benzidine	19.562	184	270603	13.334	ng	Qvalue 99

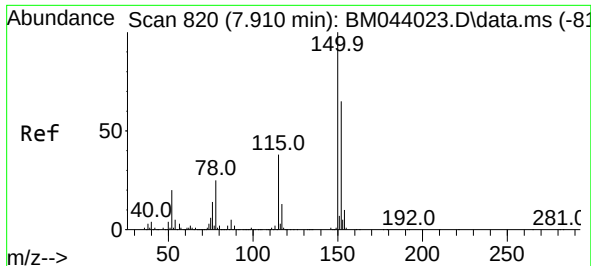
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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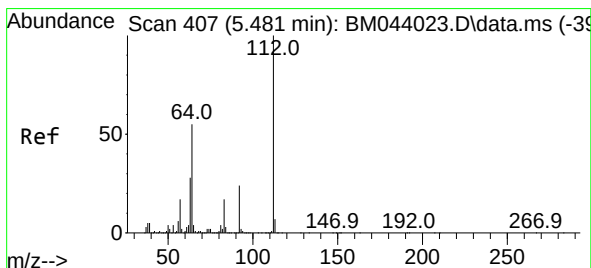
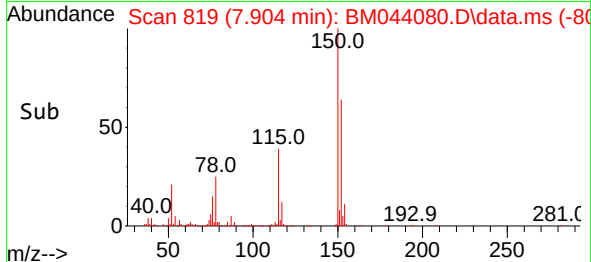
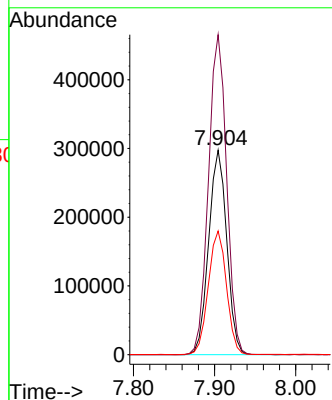
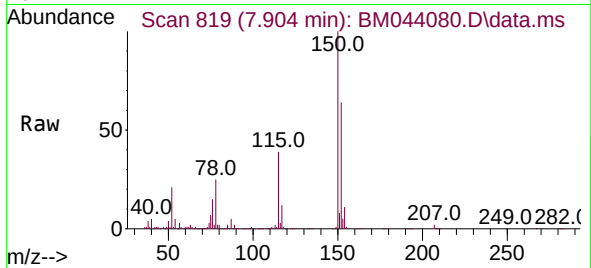




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044080.D
 Acq: 14 Feb 2024 13:34

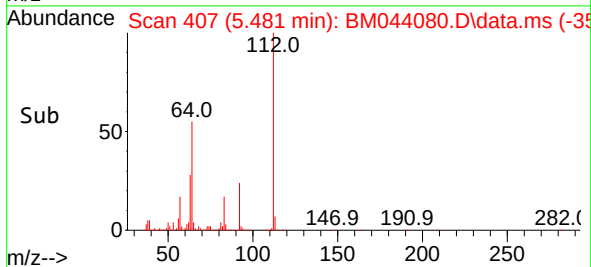
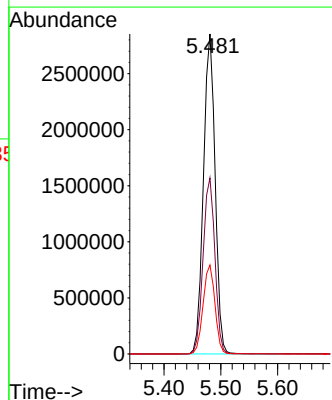
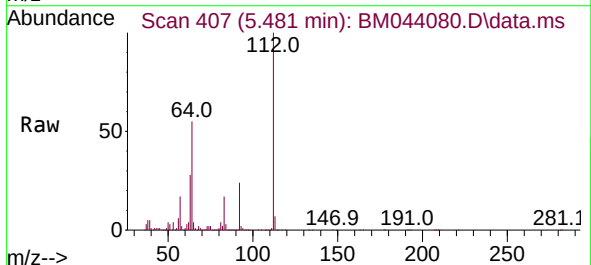
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-362

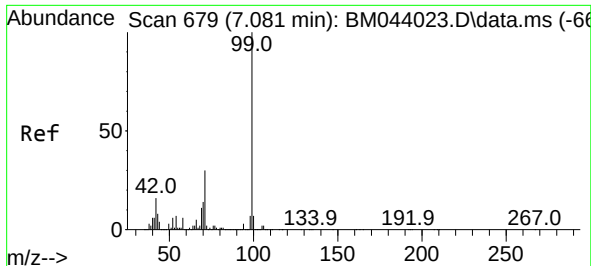
Tgt Ion:152 Resp: 460822
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.7 184.1
 115 60.5 47.0 70.6



#5
 2-Fluorophenol
 Concen: 128.429 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044080.D
 Acq: 14 Feb 2024 13:34

Tgt Ion:112 Resp: 4069144
 Ion Ratio Lower Upper
 112 100
 64 55.0 44.2 66.4
 63 27.8 22.6 34.0

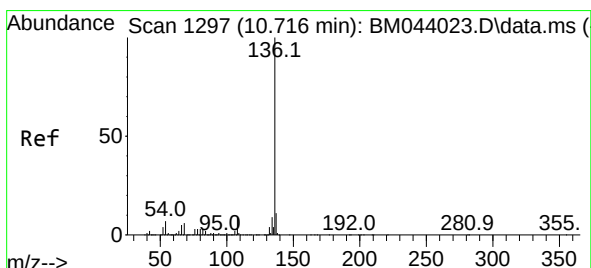
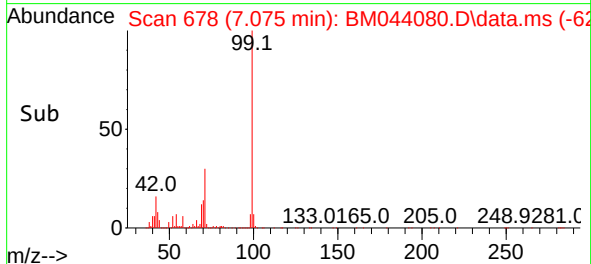
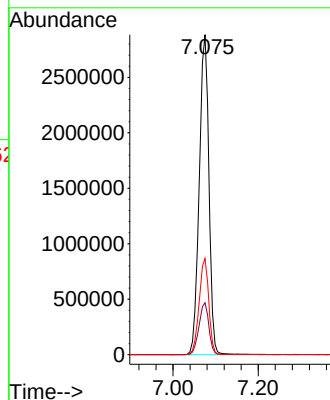
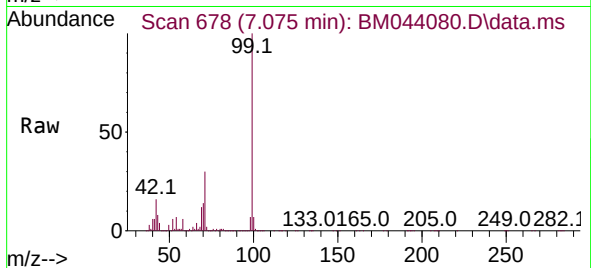




#7
Phenol-d6
Concen: 112.709 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044080.D
Acq: 14 Feb 2024 13:34

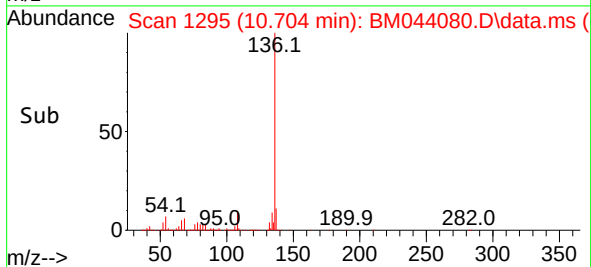
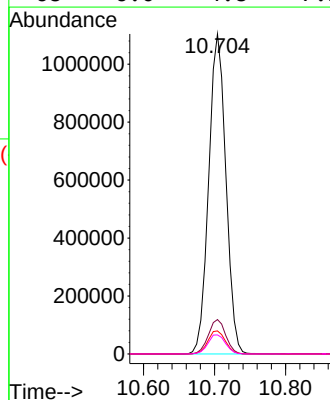
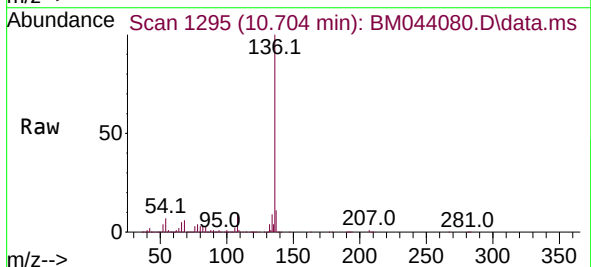
Instrument :
BNA_M
ClientSampleId :
ETGI-362

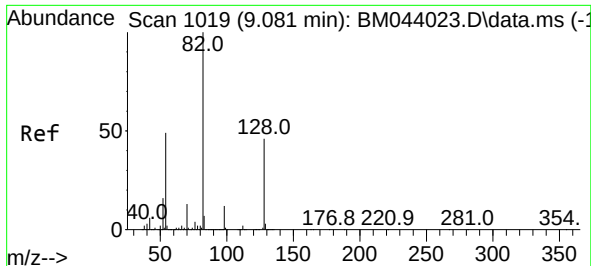
Tgt Ion: 99 Resp: 4543651
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 30.0 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044080.D
Acq: 14 Feb 2024 13:34

Tgt Ion: 136 Resp: 1858405
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.2 5.9 8.9
68 6.0 4.8 7.2

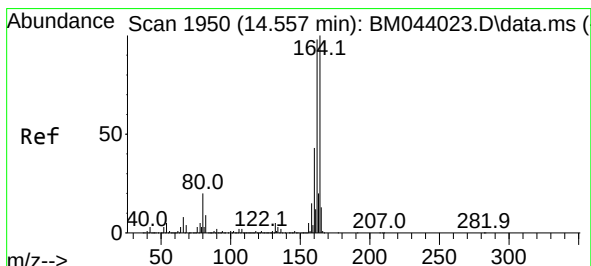
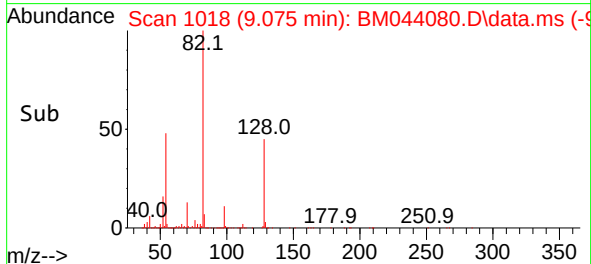
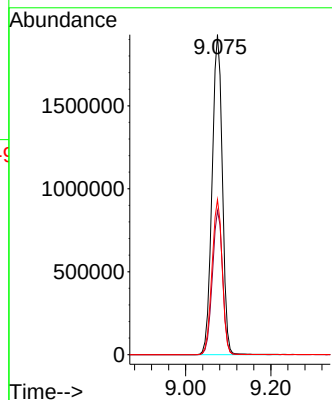
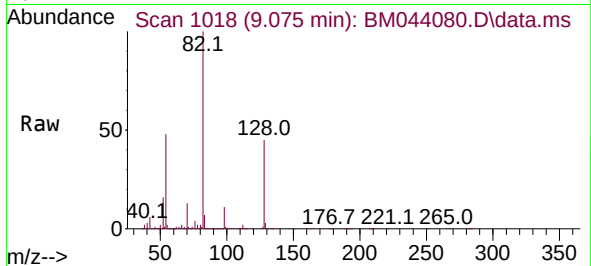




#23
Nitrobenzene-d5
Concen: 92.011 ng
RT: 9.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM044080.D
Acq: 14 Feb 2024 13:34

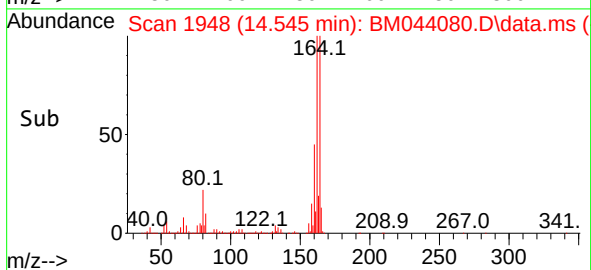
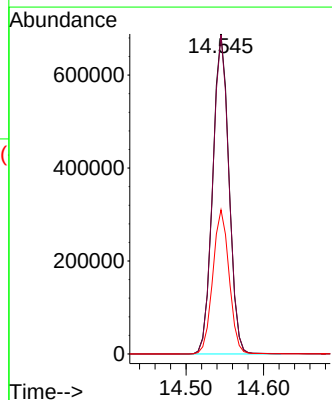
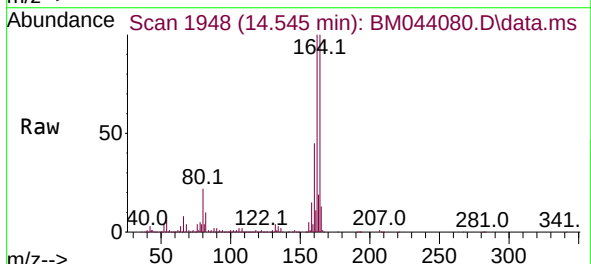
Instrument :
BNA_M
ClientSampleId :
ETGI-362

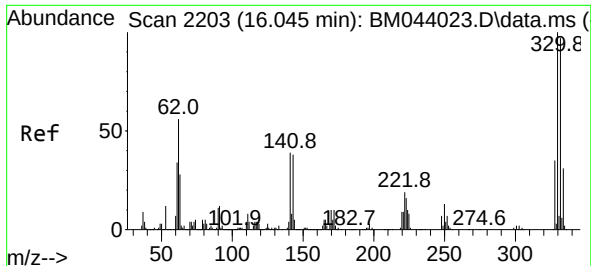
Tgt Ion: 82 Resp: 3222438
Ion Ratio Lower Upper
82 100
128 45.0 37.1 55.7
54 48.5 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044080.D
Acq: 14 Feb 2024 13:34

Tgt Ion:164 Resp: 999462
Ion Ratio Lower Upper
164 100
162 99.7 78.4 117.6
160 45.0 34.6 51.8



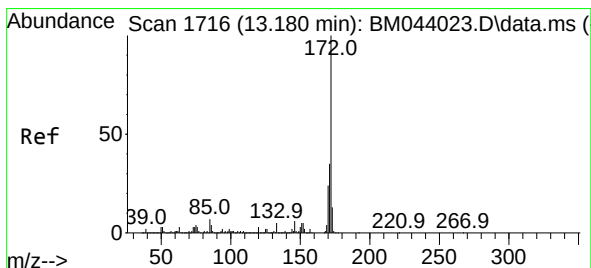
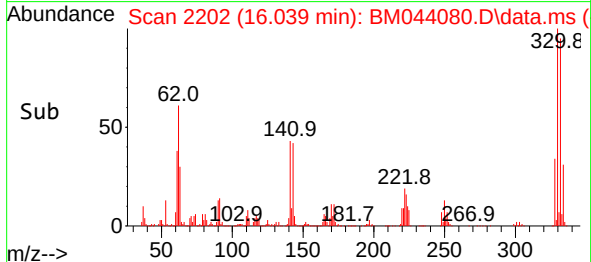
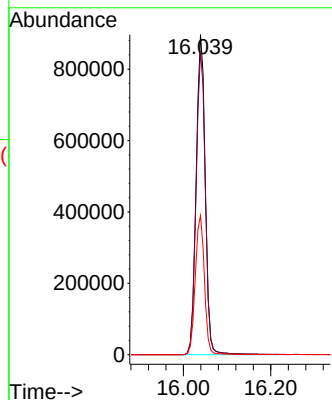
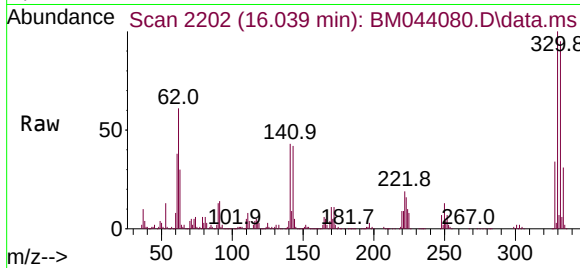


#42
 2,4,6-Tribromophenol
 Concen: 120.675 ng
 RT: 16.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044080.D
 Acq: 14 Feb 2024 13:34

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-362

Tgt Ion:330 Resp: 1305873

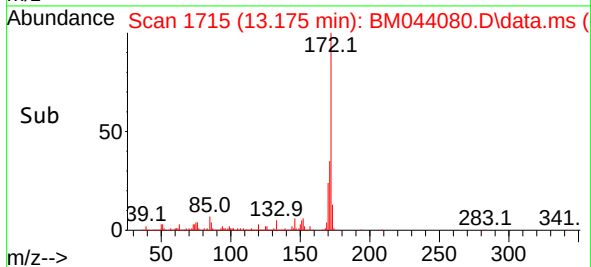
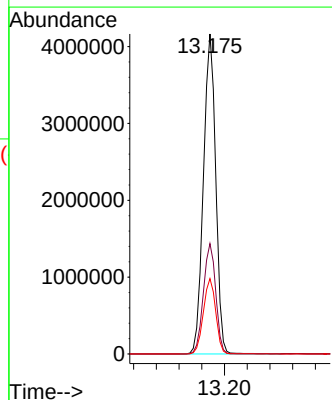
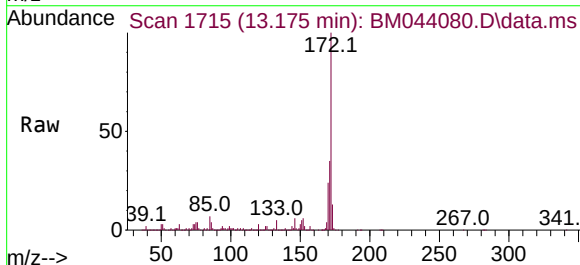
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	43.6	31.0	46.4

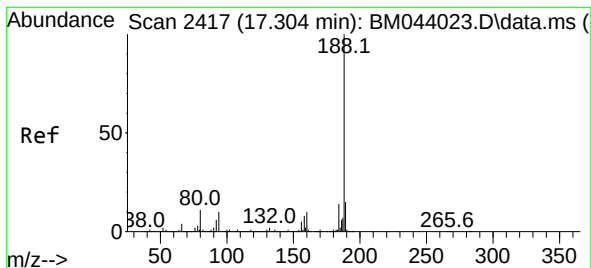


#45
 2-Fluorobiphenyl
 Concen: 88.178 ng
 RT: 13.175 min Scan# 1715
 Delta R.T. -0.006 min
 Lab File: BM044080.D
 Acq: 14 Feb 2024 13:34

Tgt Ion:172 Resp: 6244536

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.6	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM044080.D

Acq: 14 Feb 2024 13:34

Instrument :

BNA_M

ClientSampleId :

ETGI-362

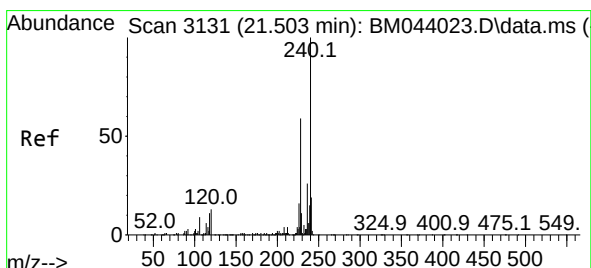
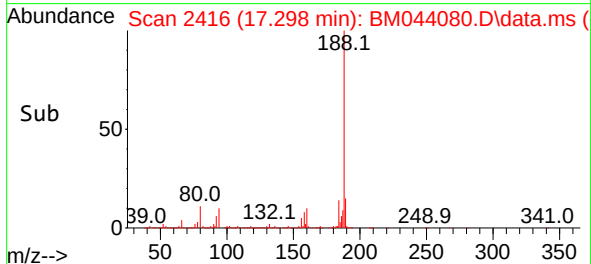
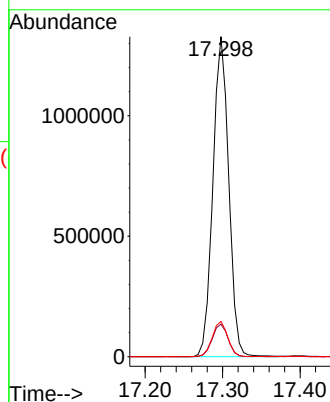
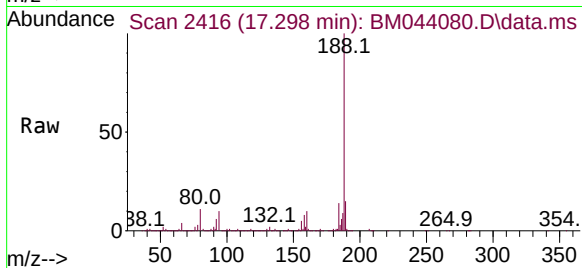
Tgt Ion:188 Resp: 1882347

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 11.0 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044080.D

Acq: 14 Feb 2024 13:34

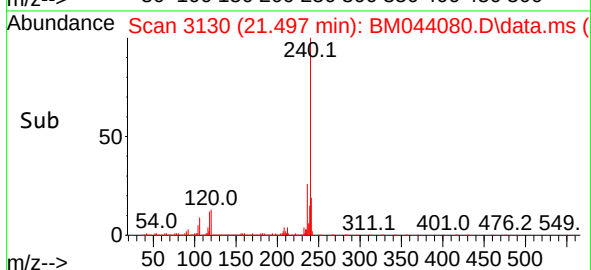
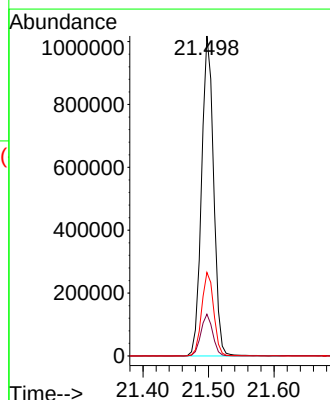
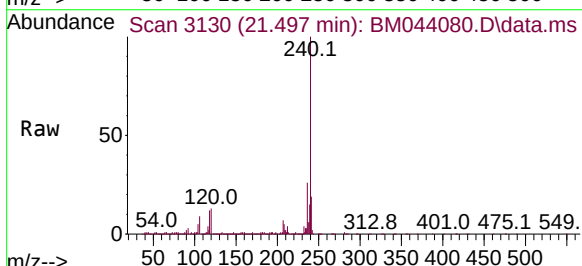
Tgt Ion:240 Resp: 1305921

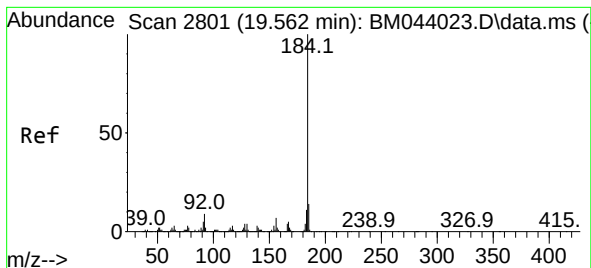
Ion Ratio Lower Upper

240 100

120 13.0 10.1 15.1

236 26.1 20.6 31.0





#77

Benzidine

Concen: 13.334 ng

RT: 19.562 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044080.D

Acq: 14 Feb 2024 13:34

Instrument :

BNA_M

ClientSampleId :

ETGI-362

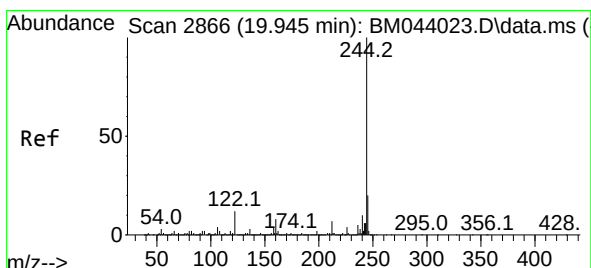
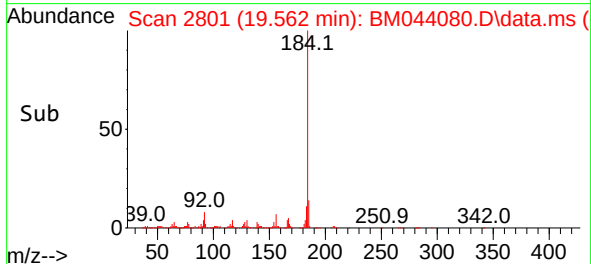
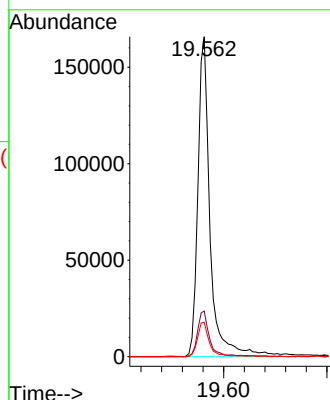
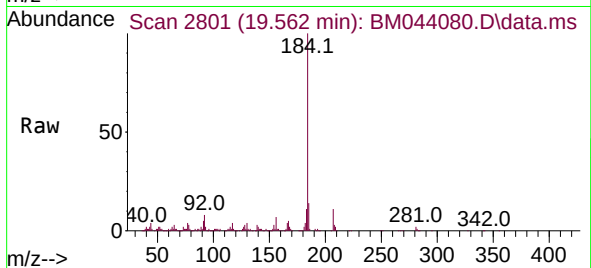
Tgt Ion:184 Resp: 270603

Ion Ratio Lower Upper

184 100

185 14.3 11.0 16.6

183 10.7 9.0 13.4



#79

Terphenyl-d14

Concen: 92.393 ng

RT: 19.939 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BM044080.D

Acq: 14 Feb 2024 13:34

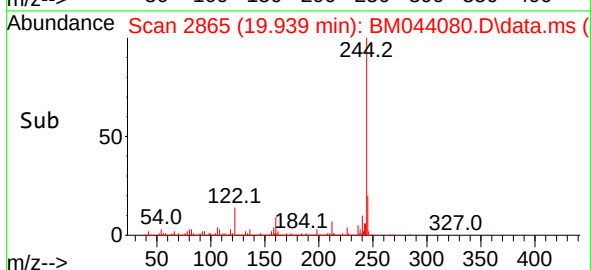
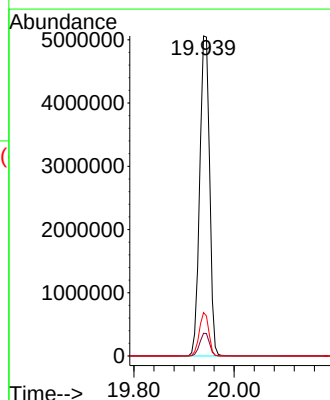
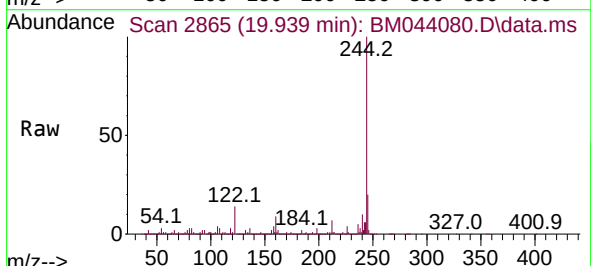
Tgt Ion:244 Resp: 6882784

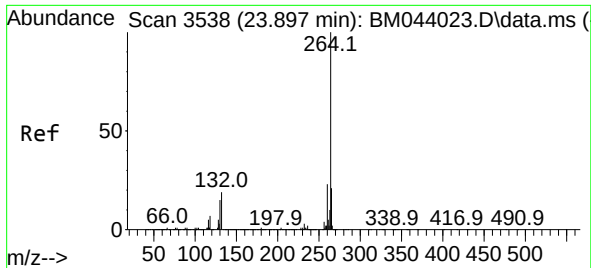
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 13.6 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.891 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044080.D
Acq: 14 Feb 2024 13:34

Instrument :
BNA_M
ClientSampleId :
ETGI-362

Tgt Ion:264 Resp: 1297121

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.4	17.3	25.9

