

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049845.D
 Acq On : 07 Apr 2025 18:39
 Operator : RC/JU
 Sample : Q1733-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-328

Quant Time: Apr 08 01:00:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

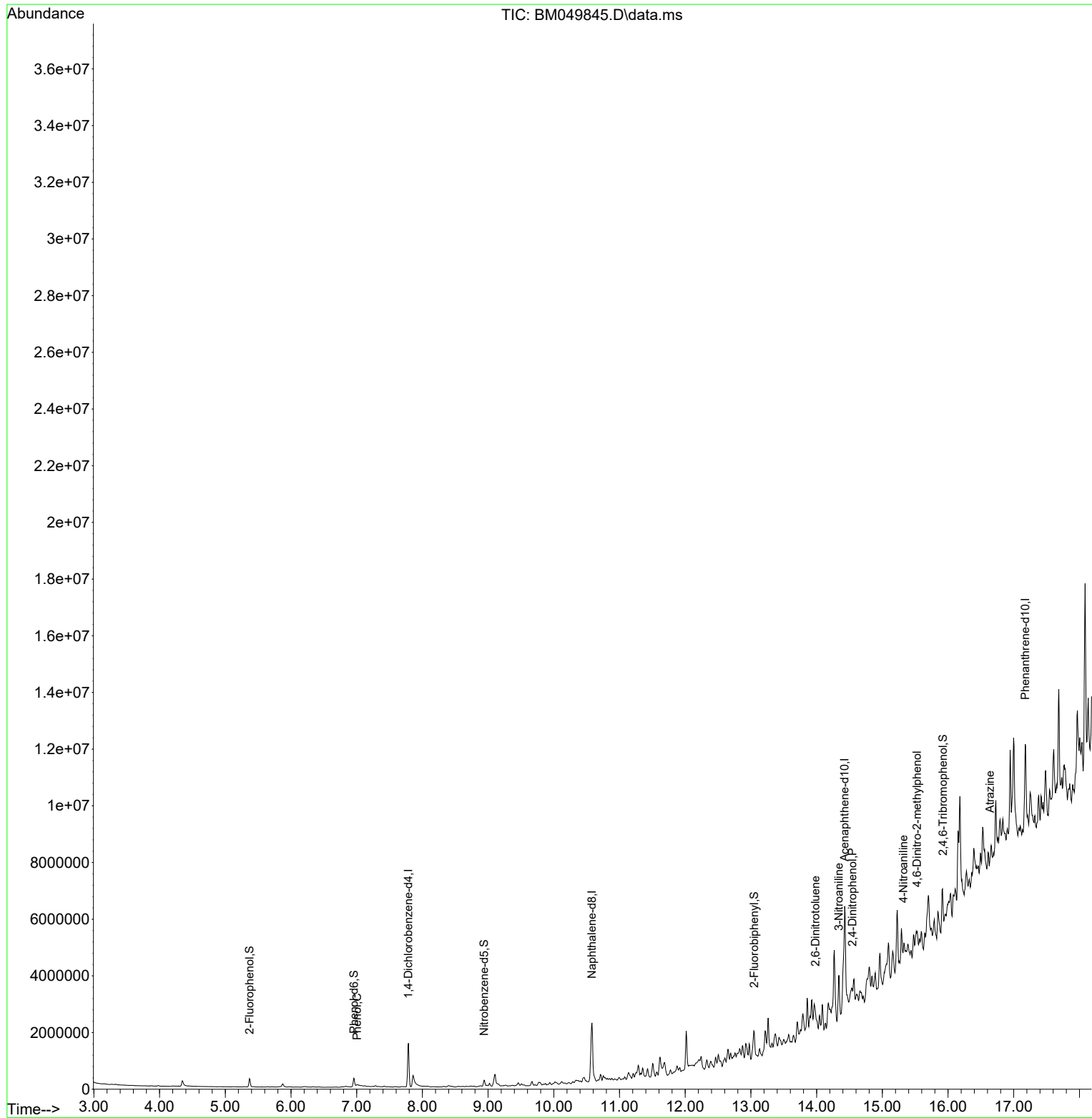
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	445034	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1579808	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	990857	20.000	ng	-0.02
64) Phenanthrene-d10	17.174	188	2026173	20.000	ng	#-0.01
76) Chrysene-d12	21.427	240	2132187	20.000	ng	0.00
86) Perylene-d12	24.462	264	2586711	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	132951	5.041	ng	-0.02
7) Phenol-d6	6.957	99	186462	5.633	ng	-0.02
23) Nitrobenzene-d5	8.940	82	117974	3.834	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	130545	11.283	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	396601	5.013	ng	-0.02
79) Terphenyl-d14	19.804	244	659395	5.211	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.004	94	238124	7.419	ng	89
51) 2,6-Dinitrotoluene	13.980	165	29902	2.188	ng	# 35
53) 3-Nitroaniline	14.339	138	26203	2.014	ng	# 28
54) 2,4-Dinitrophenol	14.545	184	950	3.353	ng	# 1
62) 4-Nitroaniline	15.322	138	46692	6.538	ng	91
65) 4,6-Dinitro-2-methylph...	15.527	198	6090	3.671	ng	# 1
69) Atrazine	16.639	200	28941	2.139	ng	# 3
84) Bis(2-ethylhexyl)phtha...	21.333	149	1839605	25.533	ng	# 84
85) Di-n-octyl phthalate	22.480	149	225378	2.013	ng	# 77

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

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ETGI-328

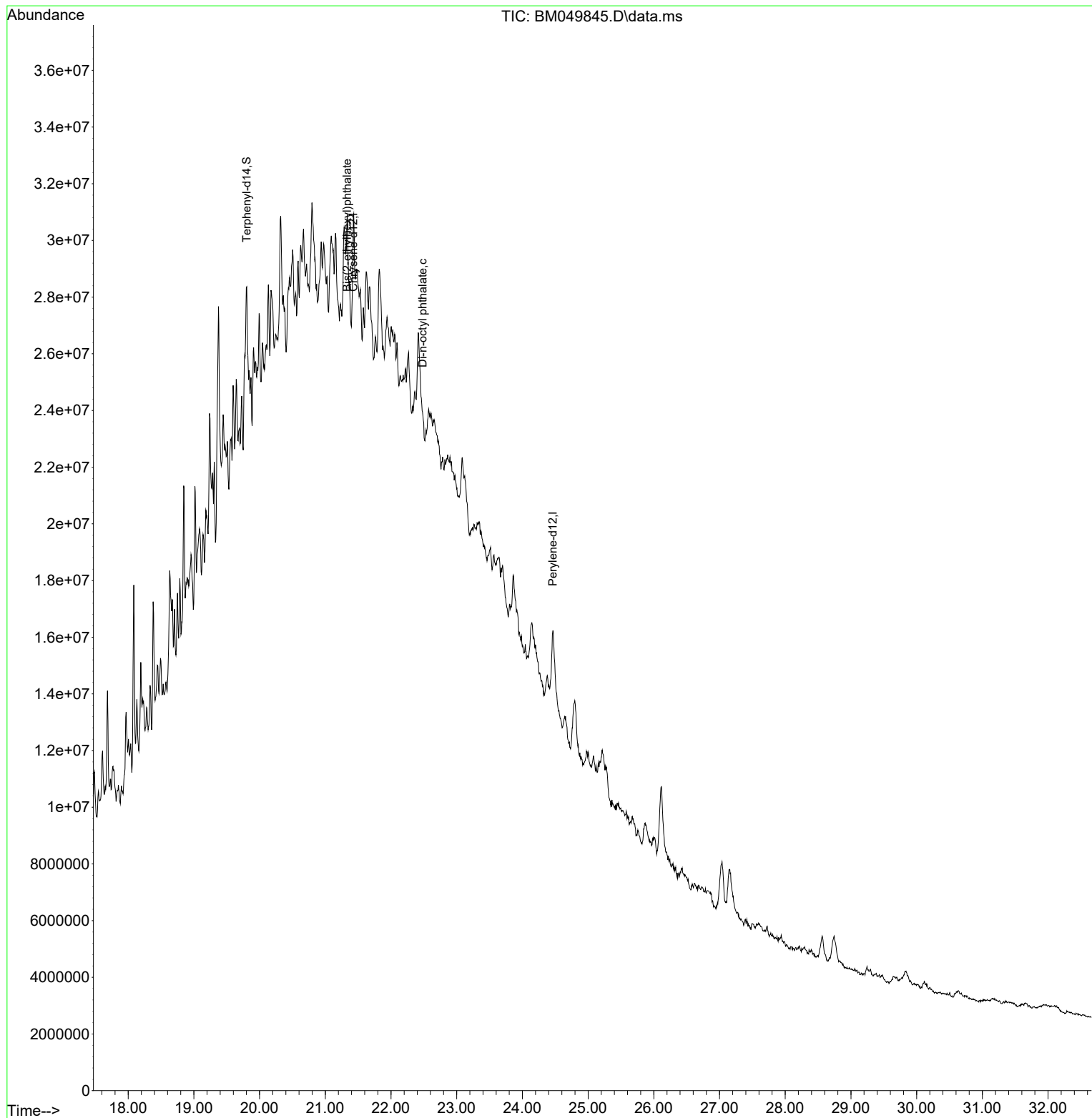
Quant Time: Apr 08 01:00:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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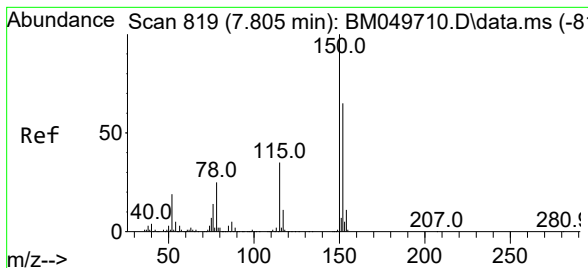


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
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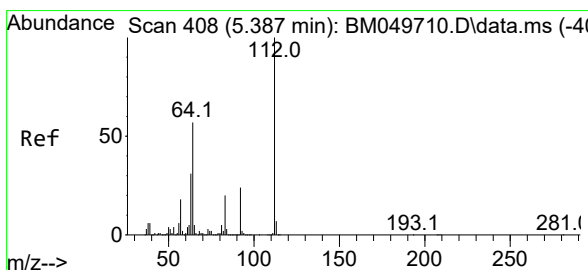
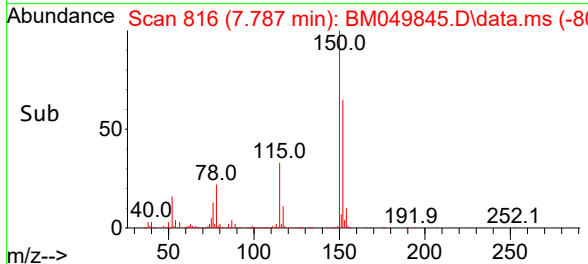
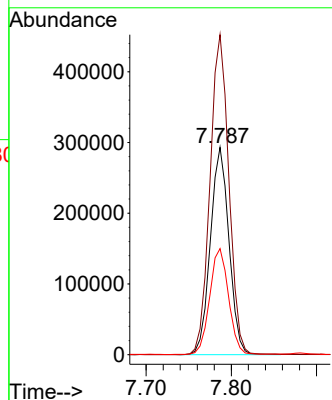
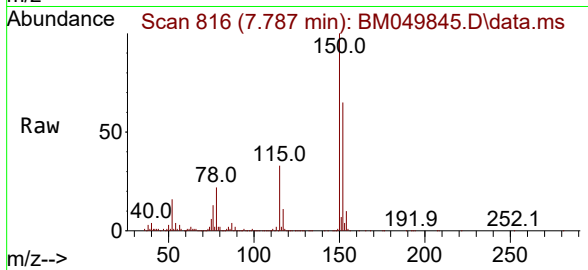




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 819
 Delta R.T. -0.018 min
 Lab File: BM049845.D
 Acq: 07 Apr 2025 18:39

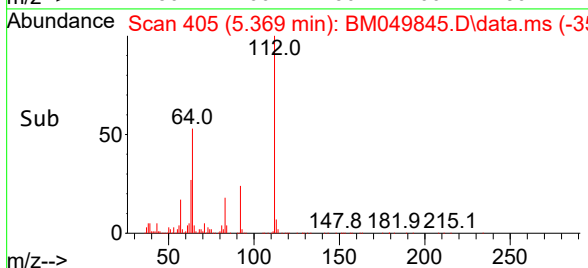
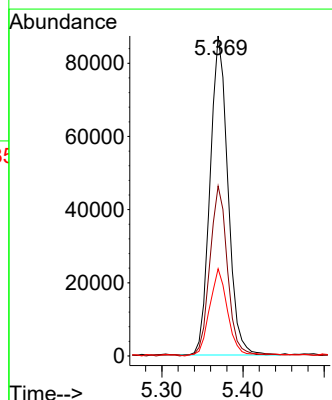
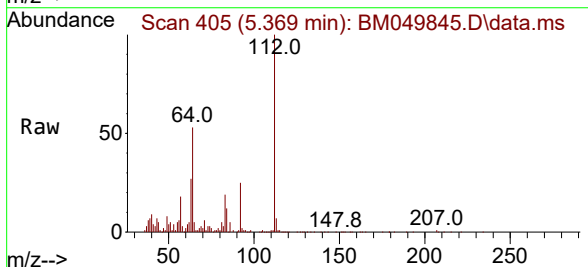
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-328

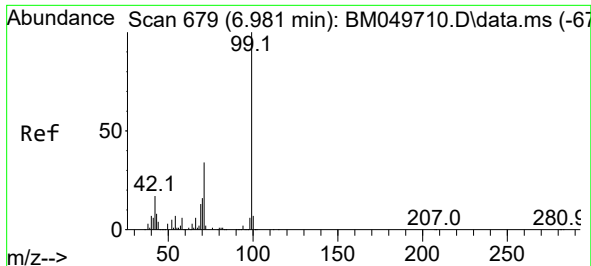
Tgt Ion:152 Resp: 445034
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.8 185.8
 115 51.1 43.0 64.6



#5
 2-Fluorophenol
 Concen: 5.041 ng
 RT: 5.369 min Scan# 405
 Delta R.T. -0.018 min
 Lab File: BM049845.D
 Acq: 07 Apr 2025 18:39

Tgt Ion:112 Resp: 132951
 Ion Ratio Lower Upper
 112 100
 64 53.1 45.3 67.9
 63 27.3 24.4 36.6

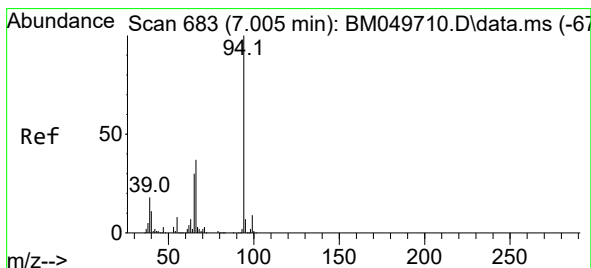
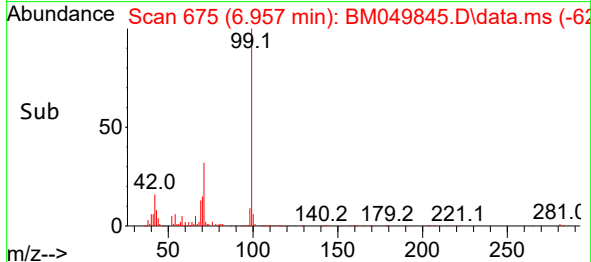
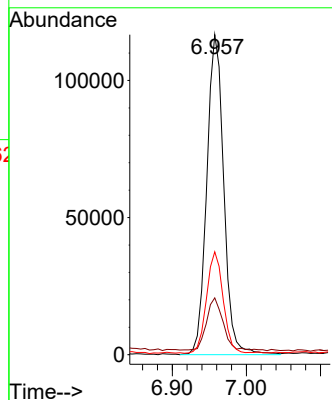
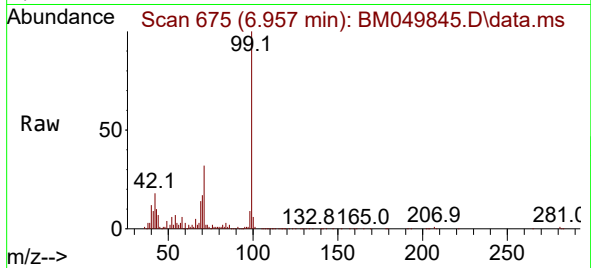




#7
Phenol-d6
Concen: 5.633 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

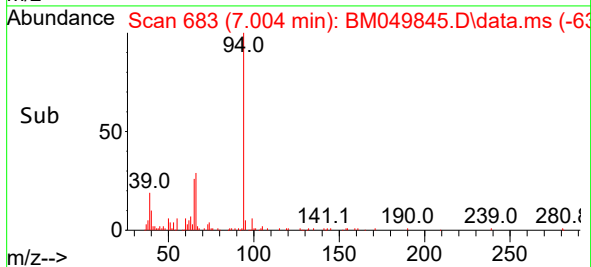
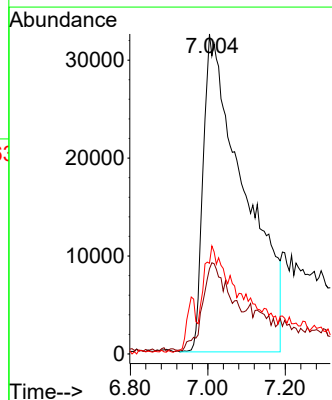
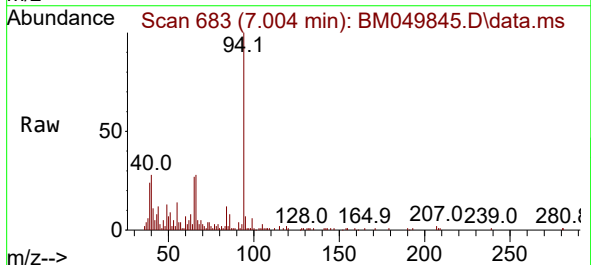
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ClientSampleId :
ETGI-328

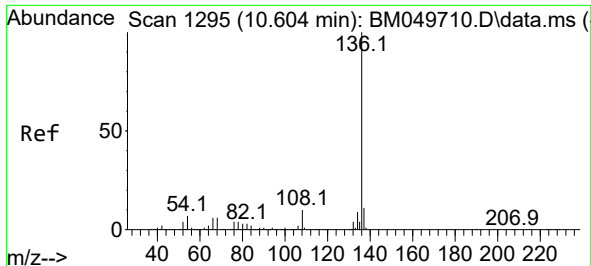
Tgt Ion: 99 Resp: 186462
Ion Ratio Lower Upper
99 100
42 17.7 13.6 20.4
71 32.1 27.0 40.6



#10
Phenol
Concen: 7.419 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

Tgt Ion: 94 Resp: 238124
Ion Ratio Lower Upper
94 100
65 26.6 10.4 50.4
66 28.3 17.1 57.1

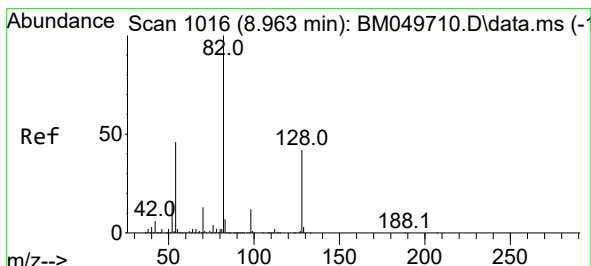
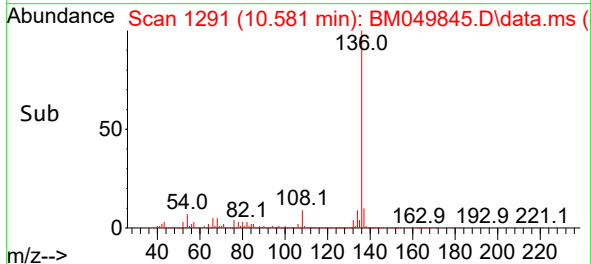
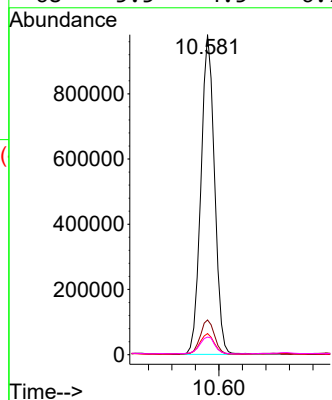
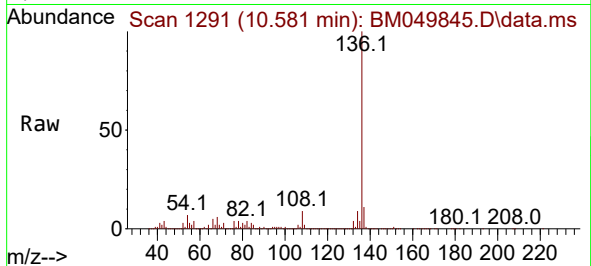




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

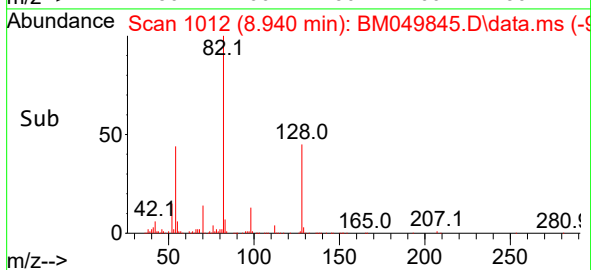
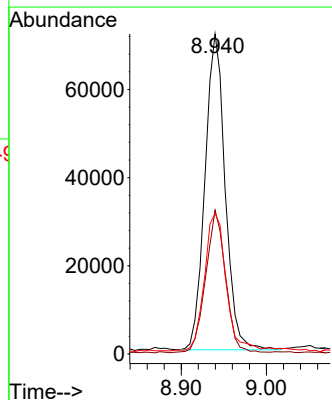
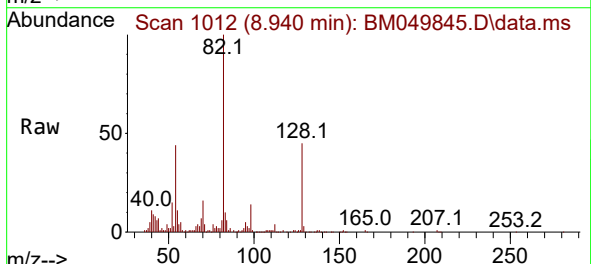
Instrument :
BNA_M
ClientSampleId :
ETGI-328

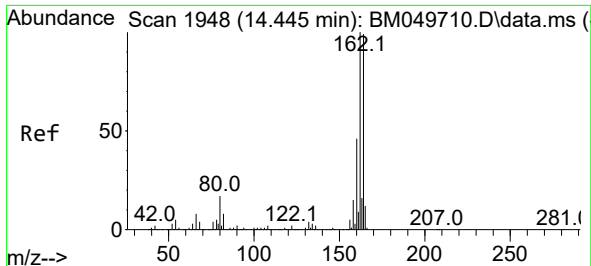
Tgt Ion:136 Resp: 1579808
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 5.8 8.8
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 3.834 ng
RT: 8.940 min Scan# 1012
Delta R.T. -0.024 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

Tgt Ion: 82 Resp: 117974
Ion Ratio Lower Upper
82 100
128 45.0 33.4 50.0
54 43.9 36.4 54.6

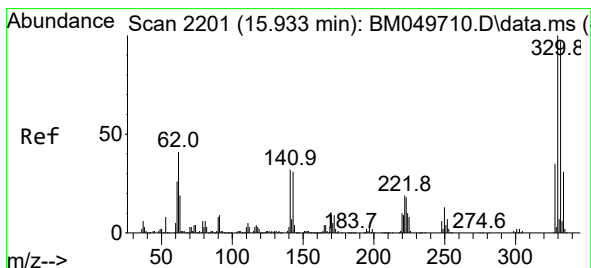
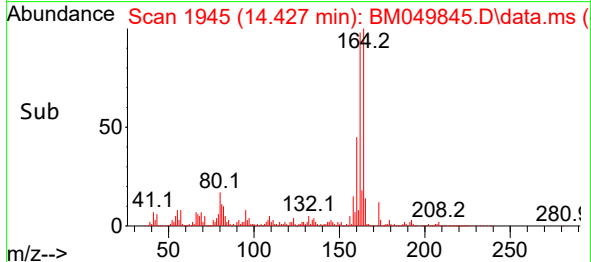
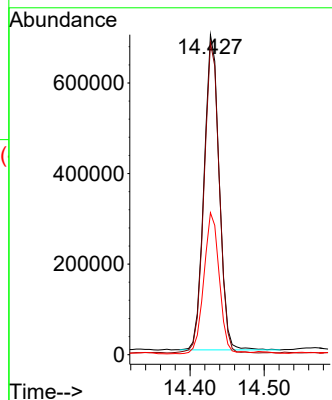
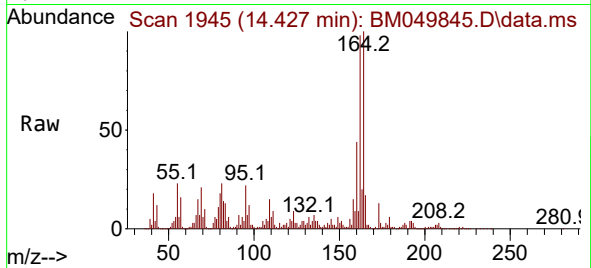




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

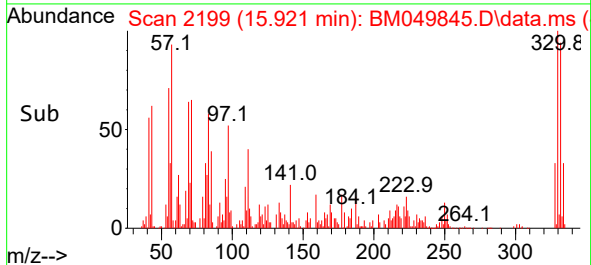
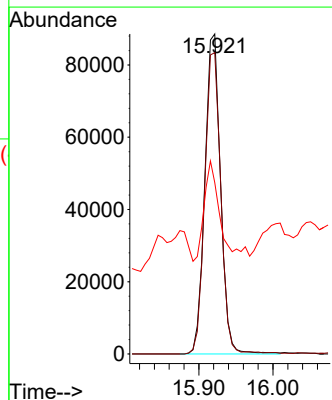
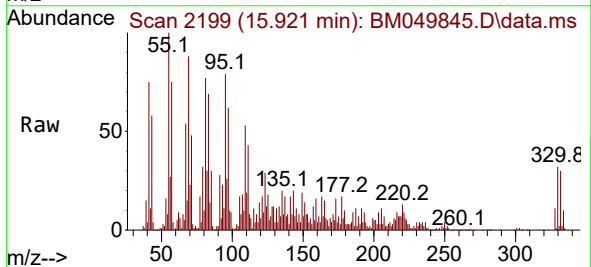
Instrument :
BNA_M
ClientSampleId :
ETGI-328

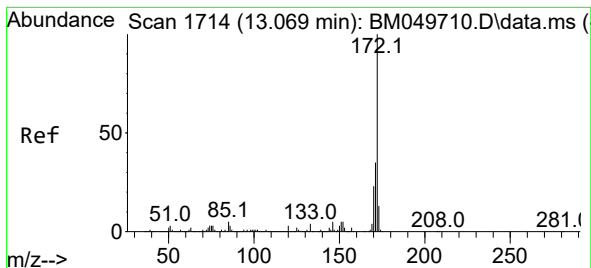
Tgt Ion:164 Resp: 990857
Ion Ratio Lower Upper
164 100
162 97.5 80.5 120.7
160 44.3 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 11.283 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

Tgt Ion:330 Resp: 130545
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 32.3 27.8 41.6





#45

2-Fluorobiphenyl

Concen: 5.013 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049845.D

Acq: 07 Apr 2025 18:39

Instrument :

BNA_M

ClientSampleId :

ETGI-328

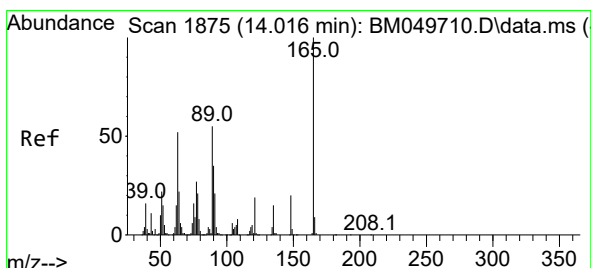
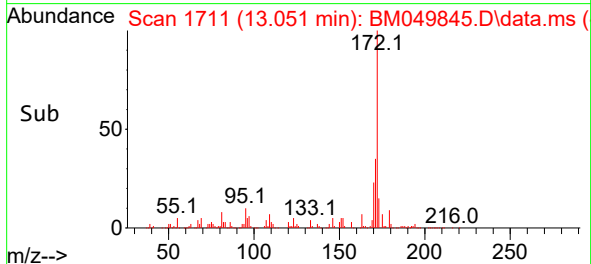
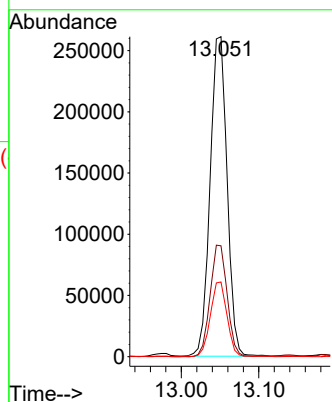
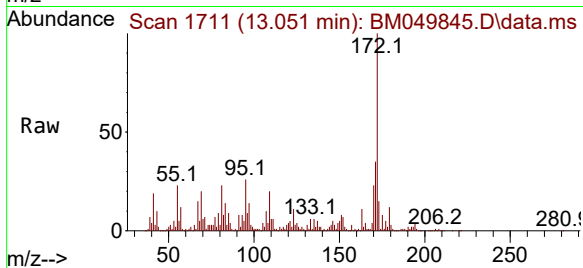
Tgt Ion:172 Resp: 396601

Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.3 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 2.188 ng

RT: 13.980 min Scan# 1869

Delta R.T. -0.036 min

Lab File: BM049845.D

Acq: 07 Apr 2025 18:39

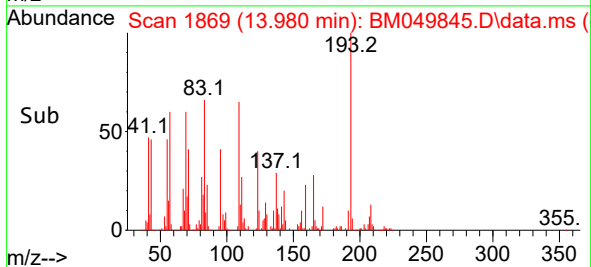
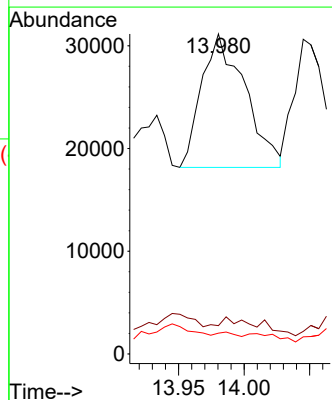
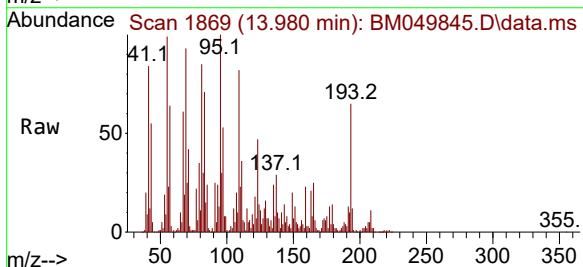
Tgt Ion:165 Resp: 29902

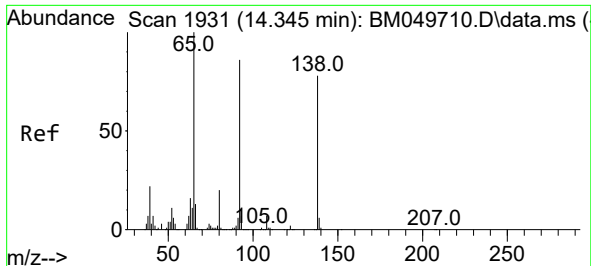
Ion Ratio Lower Upper

165 100

63 8.9 42.3 63.5#

89 6.5 43.9 65.9#

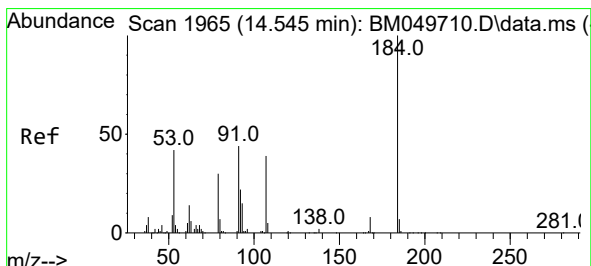
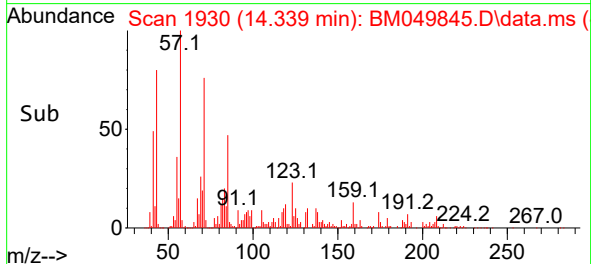
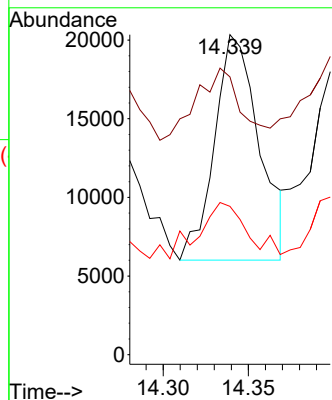
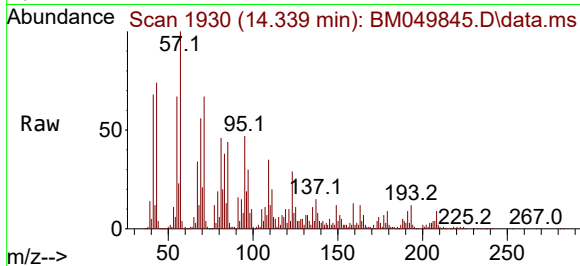




#53
3-Nitroaniline
Concen: 2.014 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

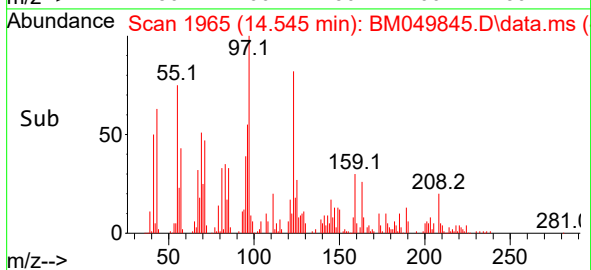
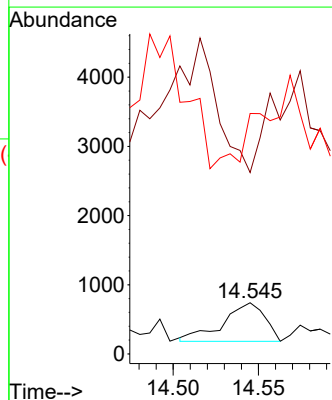
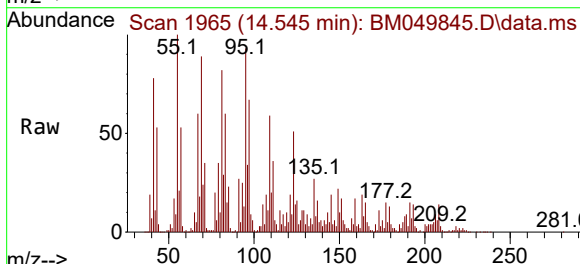
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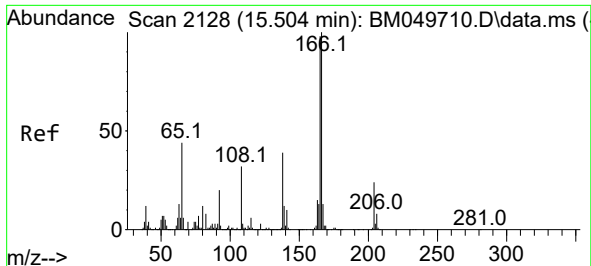
Tgt Ion:138 Resp: 26203
Ion Ratio Lower Upper
138 100
108 86.8 7.5 11.3#
92 46.4 88.0 132.0#



#54
2,4-Dinitrophenol
Concen: 3.353 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

Tgt Ion:184 Resp: 950
Ion Ratio Lower Upper
184 100
63 354.5 47.2 70.8#
154 469.6 49.9 74.9#

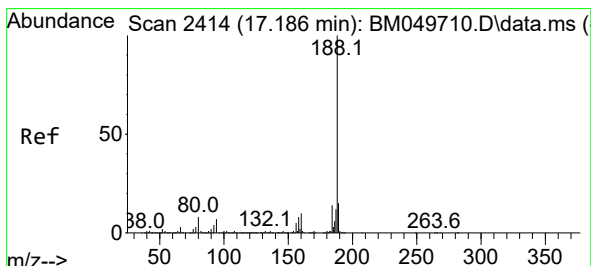
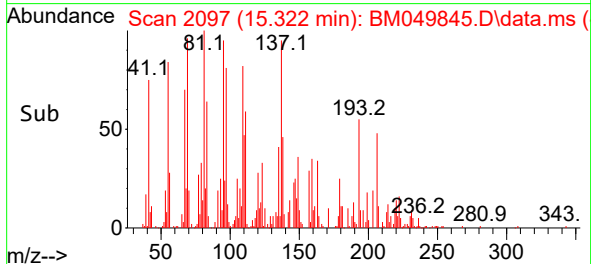
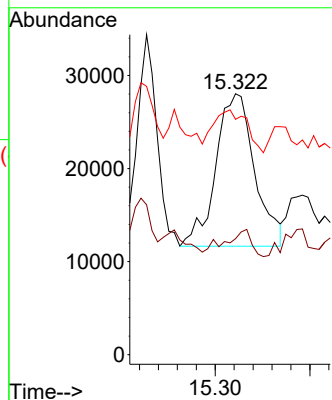
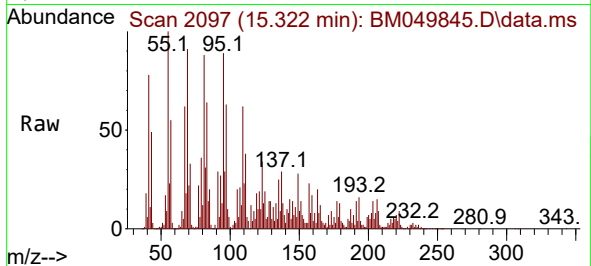




#62
4-Nitroaniline
Concen: 6.538 ng
RT: 15.322 min Scan# 20
Delta R.T. -0.182 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

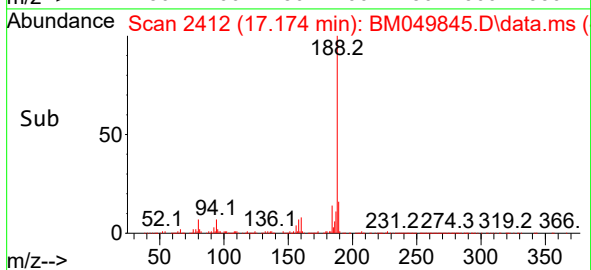
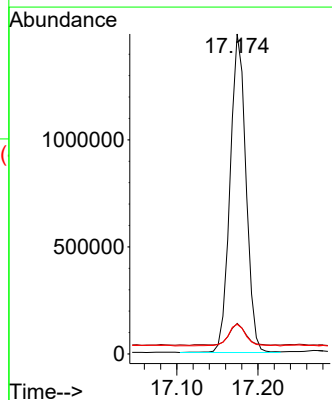
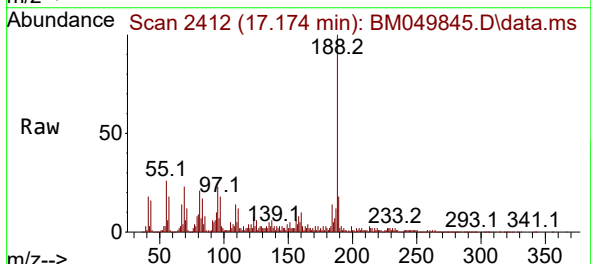
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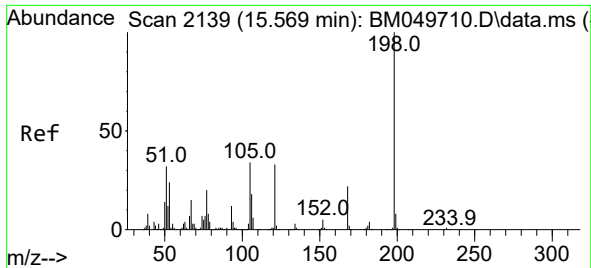
Tgt Ion:138 Resp: 46692
Ion Ratio Lower Upper
138 100
92 44.5 29.8 69.8
108 90.2 61.3 101.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

Tgt Ion:188 Resp: 2026173
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.6#
80 9.3 6.3 9.5

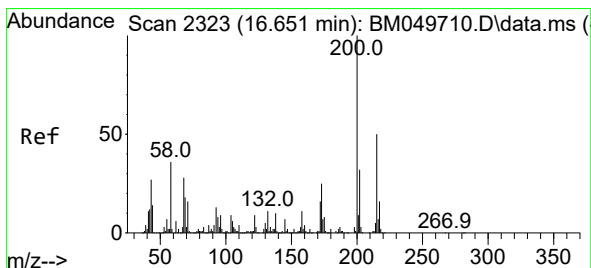
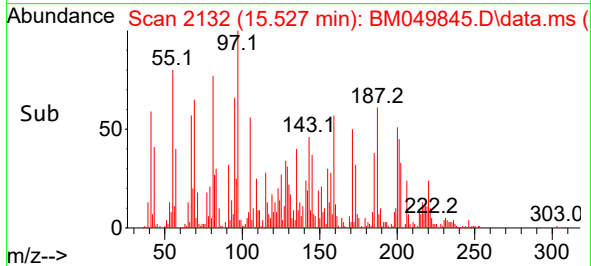
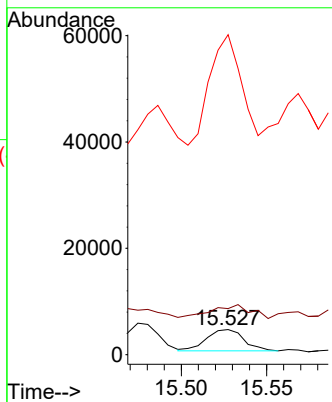
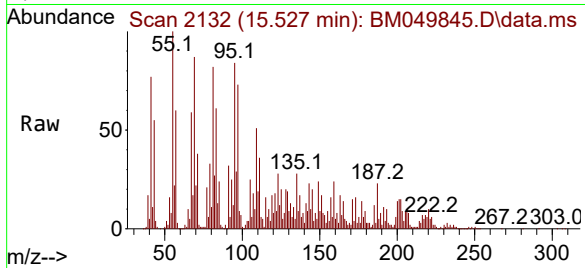




#65
4,6-Dinitro-2-methylphenol
Concen: 3.671 ng
RT: 15.527 min Scan# 2139
Delta R.T. -0.042 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

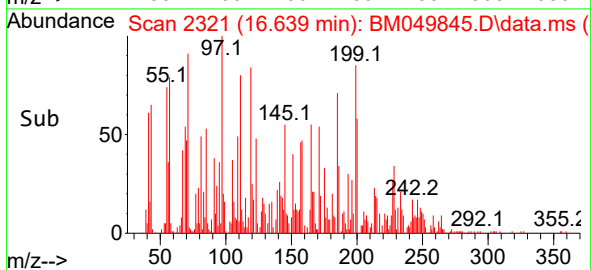
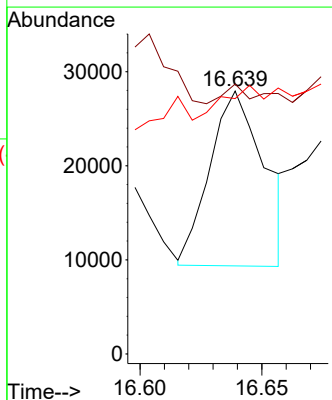
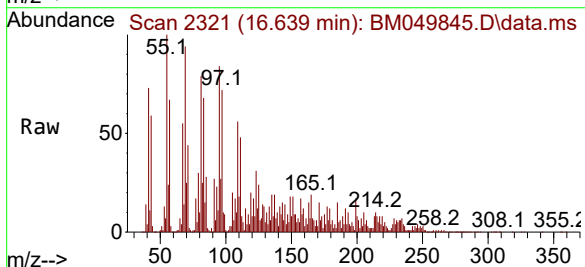
Instrument :
BNA_M
ClientSampleId :
ETGI-328

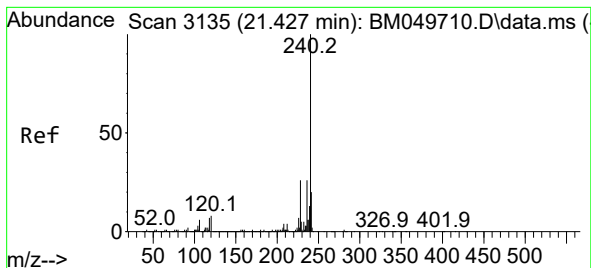
Tgt Ion:198 Resp: 6090
Ion Ratio Lower Upper
198 100
51 183.2 13.8 53.8#
105 1272.6 14.0 54.0#



#69
Atrazine
Concen: 2.139 ng
RT: 16.639 min Scan# 2321
Delta R.T. -0.012 min
Lab File: BM049845.D
Acq: 07 Apr 2025 18:39

Tgt Ion:200 Resp: 28941
Ion Ratio Lower Upper
200 100
173 102.7 5.4 45.4#
215 97.1 29.8 69.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM049845.D

Acq: 07 Apr 2025 18:39

Instrument :

BNA_M

ClientSampleId :

ETGI-328

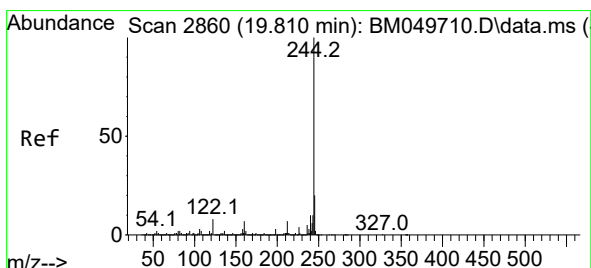
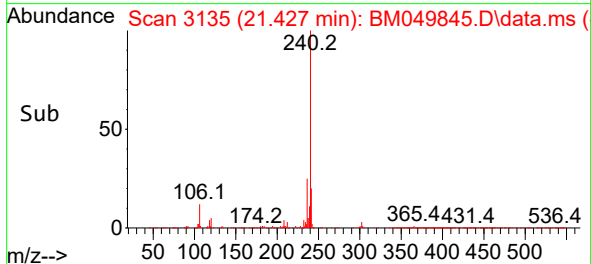
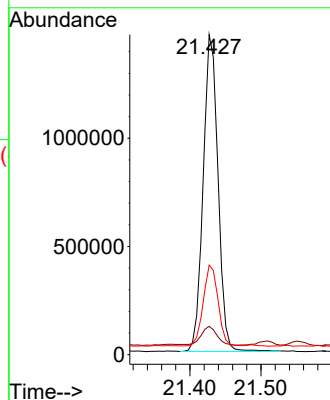
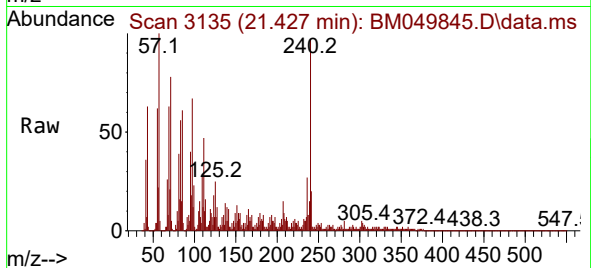
Tgt Ion:240 Resp: 2132187

Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

236 28.0 20.7 31.1



#79

Terphenyl-d14

Concen: 5.211 ng

RT: 19.804 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BM049845.D

Acq: 07 Apr 2025 18:39

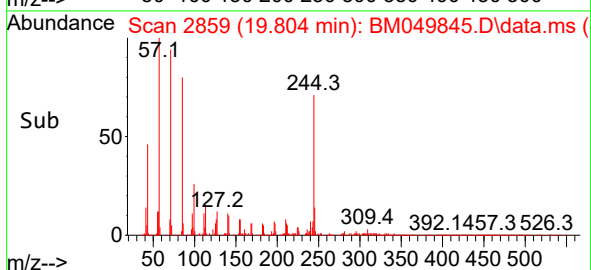
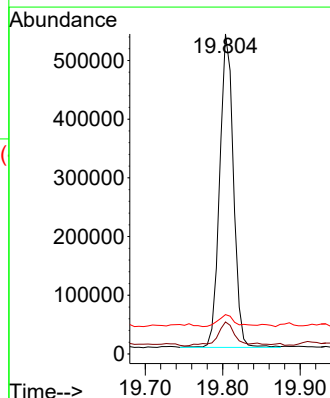
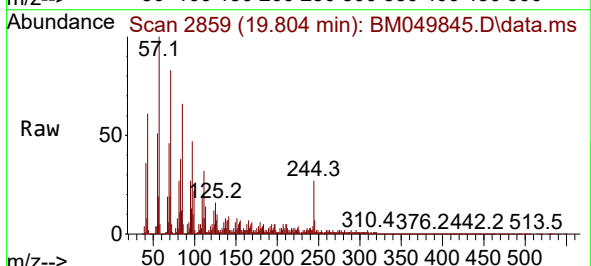
Tgt Ion:244 Resp: 659395

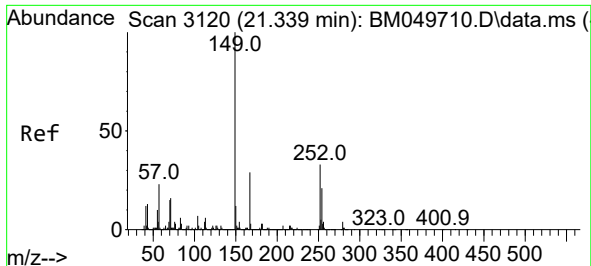
Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.6#

122 12.3 6.0 9.0#

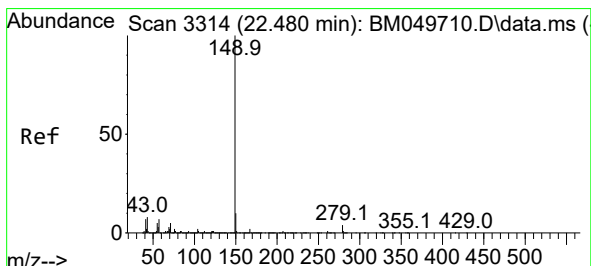
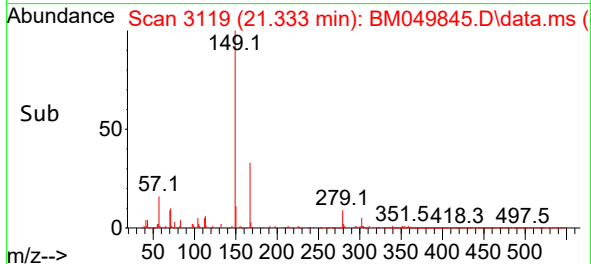
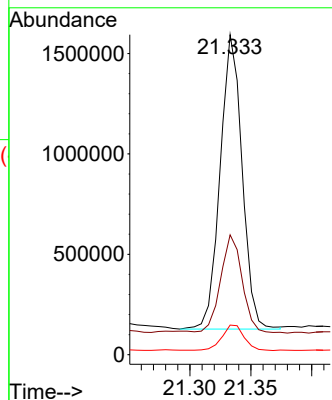
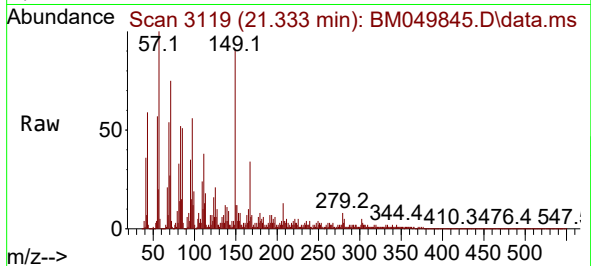




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 25.533 ng
 RT: 21.333 min Scan# 3119
 Delta R.T. -0.006 min
 Lab File: BM049845.D
 Acq: 07 Apr 2025 18:39

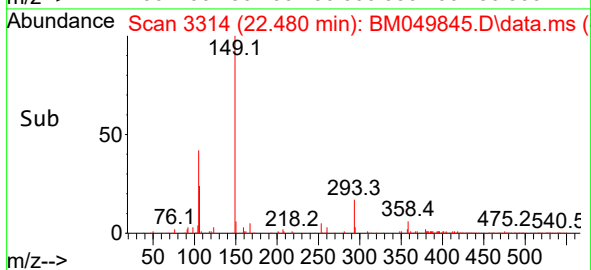
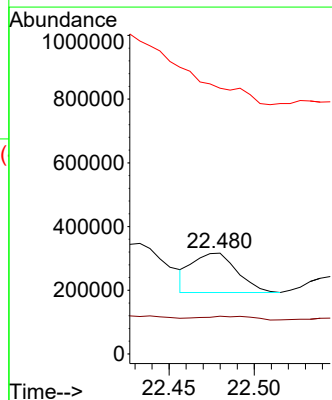
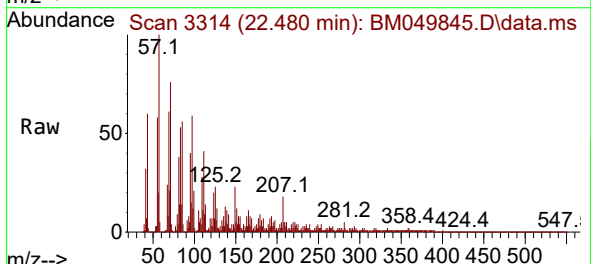
Instrument :
 BNA_M
 ClientSampleId :
 ETGI-328

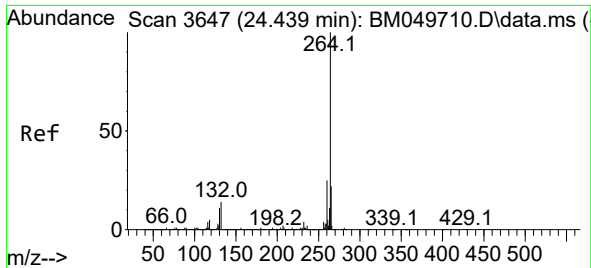
Tgt Ion:149 Resp: 1839605
 Ion Ratio Lower Upper
 149 100
 167 37.4 22.9 34.3#
 279 9.3 3.5 5.3#



#85
 Di-n-octyl phthalate
 Concen: 2.013 ng
 RT: 22.480 min Scan# 3314
 Delta R.T. -0.000 min
 Lab File: BM049845.D
 Acq: 07 Apr 2025 18:39

Tgt Ion:149 Resp: 225378
 Ion Ratio Lower Upper
 149 100
 167 9.3 1.3 1.9#
 43 0.0 6.8 10.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.462 min Scan# 30
 Delta R.T. 0.023 min
 Lab File: BM049845.D
 Acq: 07 Apr 2025 18:39

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-328

Tgt Ion:264 Resp: 2586711
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.7 18.2 27.2

