

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033740.D
 Acq On : 14 Jan 2022 22:23
 Operator : CG/JU
 Sample : N1144-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-ETGI-352

Quant Time: Jan 17 00:28:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

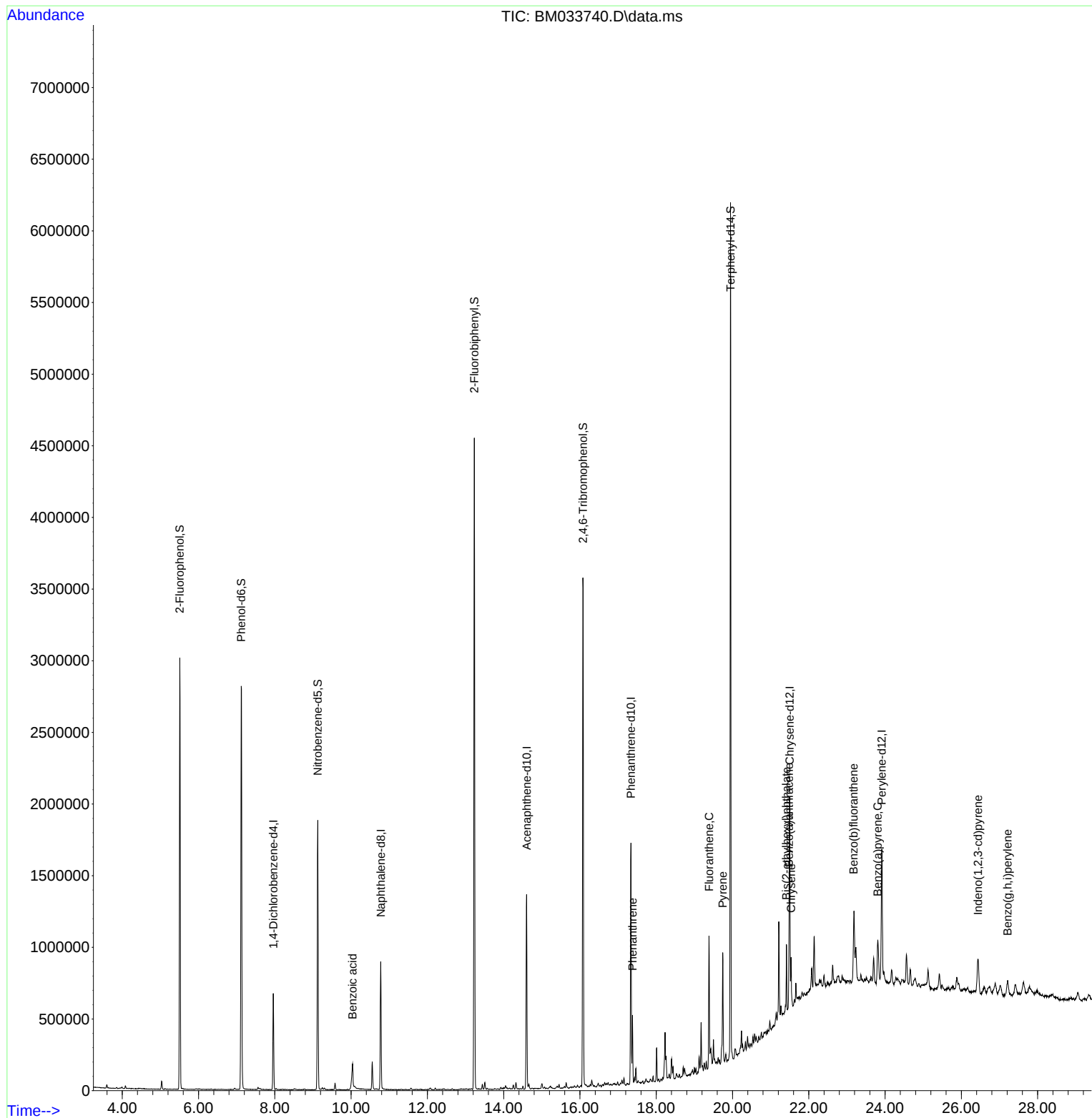
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	166977	20.000	ng	-0.01
21) Naphthalene-d8	10.778	136	713726	20.000	ng	#-0.01
39) Acenaphthene-d10	14.601	164	464486	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	959183	20.000	ng	0.00
76) Chrysene-d12	21.501	240	624120	20.000	ng	0.00
86) Perylene-d12	23.912	264	679312	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	1188818	112.287	ng	0.00
7) Phenol-d6	7.119	99	1551121	108.704	ng	0.00
23) Nitrobenzene-d5	9.125	82	1020460	66.030	ng	-0.01
42) 2,4,6-Tribromophenol	16.083	330	647743	133.516	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	2218556	62.560	ng	-0.01
79) Terphenyl-d14	19.948	244	2634191	75.971	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.037	122	96553	13.274	ng	# 86
71) Phenanthrene	17.377	178	265048	4.829	ng	98
75) Fluoranthene	19.383	202	488889	8.485	ng	98
78) Pyrene	19.742	202	444518	10.116	ng	98
81) Benzo(a)anthracene	21.483	228	185629	4.386	ng	96
83) Chrysene	21.536	228	186685	4.609	ng	96
84) Bis(2-ethylhexyl)phtha...	21.412	149	158419	5.299	ng	99
87) Indeno(1,2,3-cd)pyrene	26.436	276	136625	2.727	ng	96
88) Benzo(b)fluoranthene	23.177	252	279334	6.450	ng	# 91
90) Benzo(a)pyrene	23.806	252	181562	5.051	ng	# 95
92) Benzo(g,h,i)perylene	27.212	276	135391	3.310	ng	96

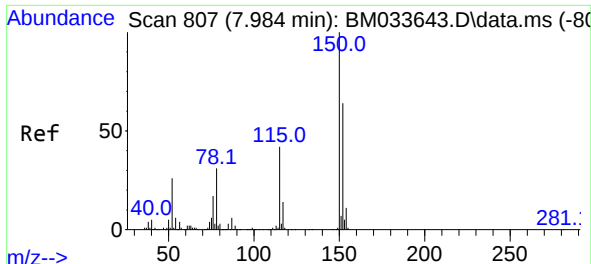
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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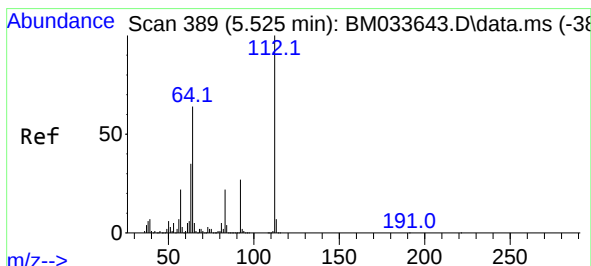
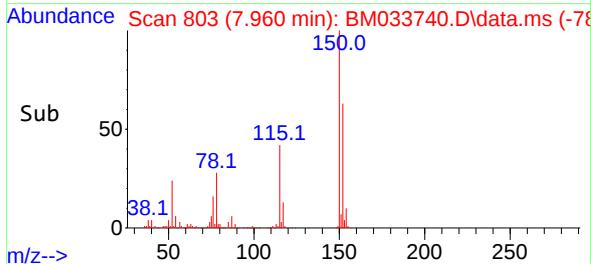
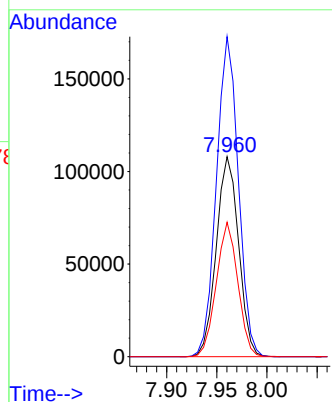
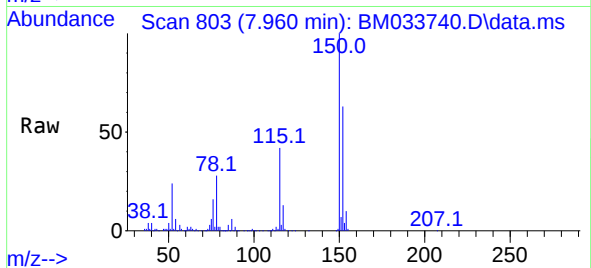




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 807
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

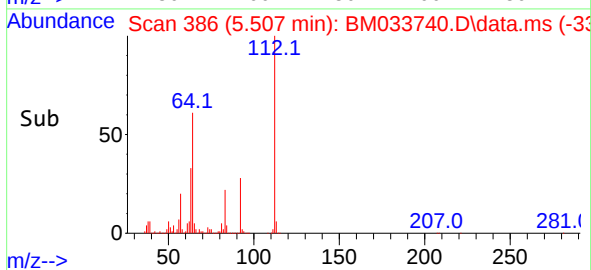
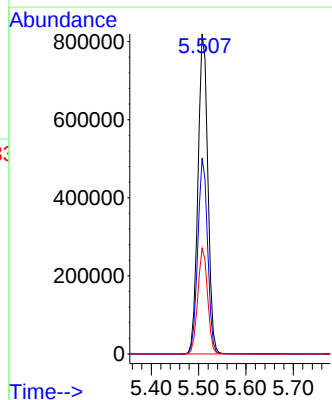
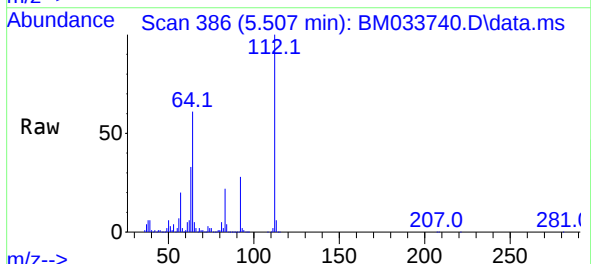
Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

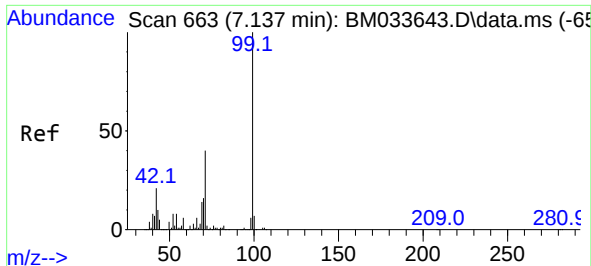
Tgt Ion:152 Resp: 166977
Ion Ratio Lower Upper
152 100
150 160.0 128.9 193.3
115 67.2 53.0 79.6



#5
2-Fluorophenol
Concen: 112.287 ng
RT: 5.507 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:112 Resp: 1188818
Ion Ratio Lower Upper
112 100
64 61.2 55.5 83.3
63 33.1 31.3 46.9

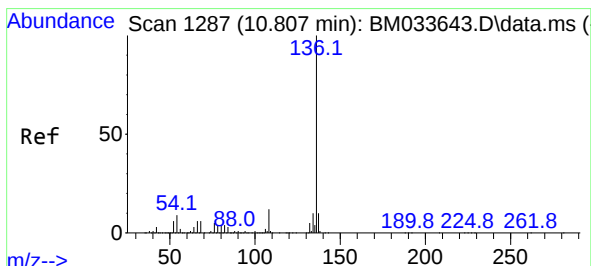
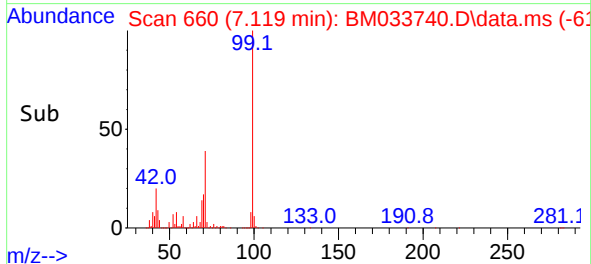
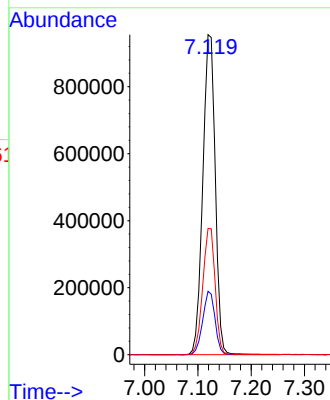
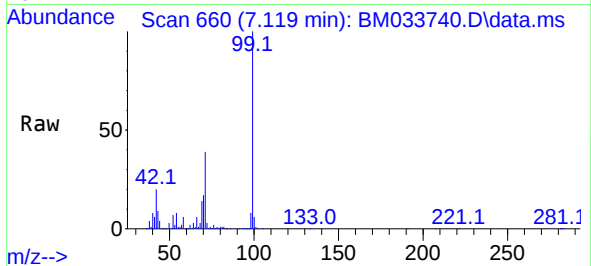




#7
Phenol-d6
Concen: 108.704 ng
RT: 7.119 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

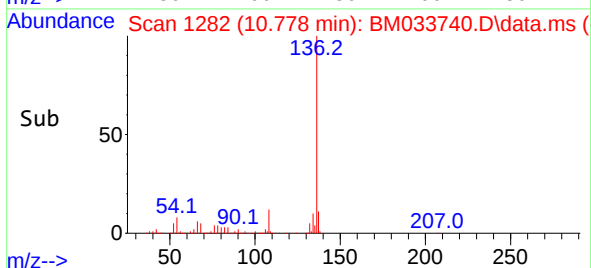
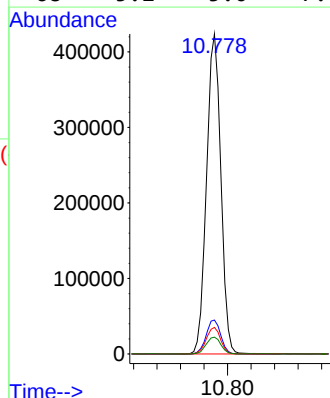
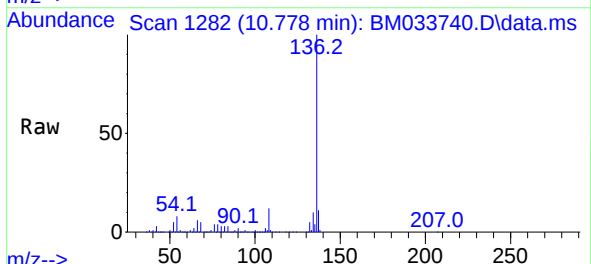
Instrument :
BNA_M
ClientSampleId :
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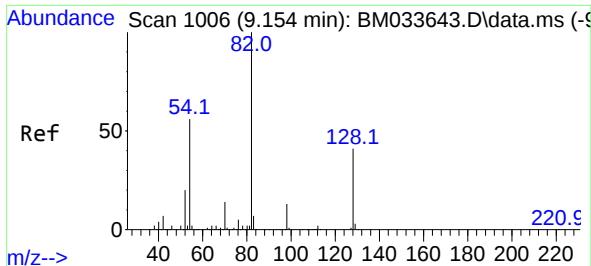
Tgt Ion: 99 Resp: 1551121
Ion Ratio Lower Upper
99 100
42 19.8 20.3 30.5#
71 39.4 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:136 Resp: 713726
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 8.3 12.5#
68 5.2 5.0 7.6

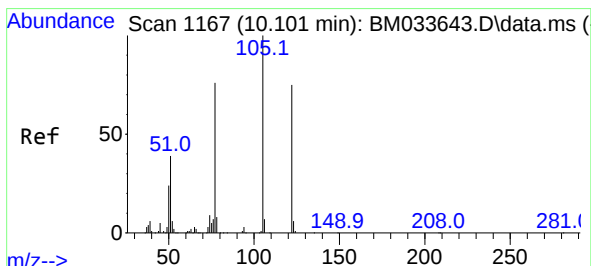
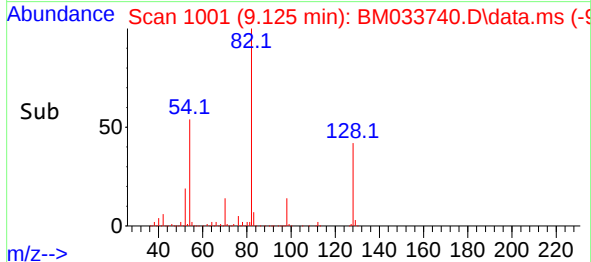
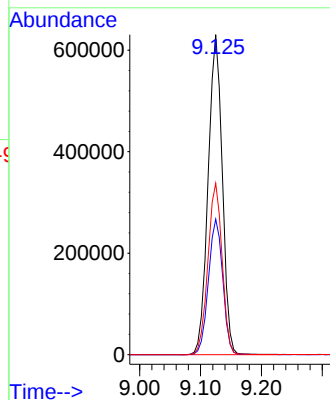
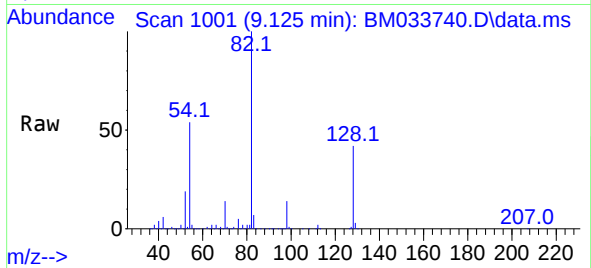




#23
Nitrobenzene-d5
Concen: 66.030 ng
RT: 9.125 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

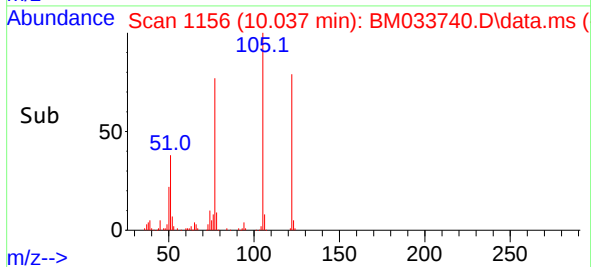
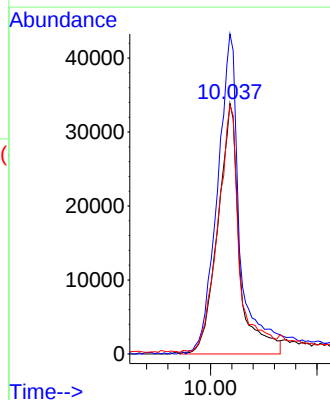
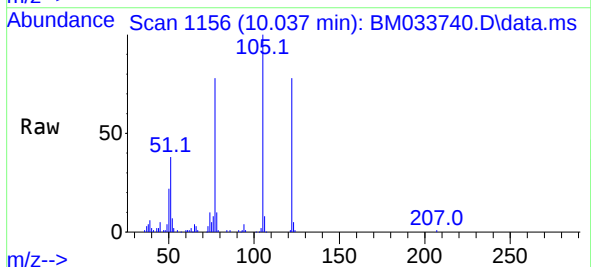
Instrument :
BNA_M
ClientSampleId :
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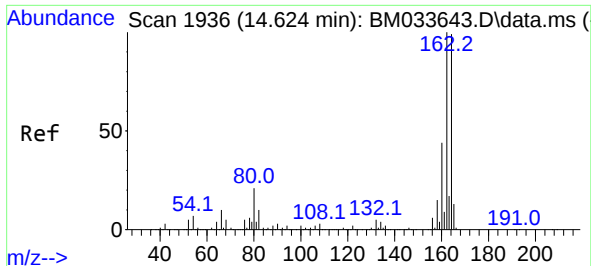
Tgt Ion: 82 Resp: 1020460
Ion Ratio Lower Upper
82 100
128 42.4 28.1 42.1#
54 53.6 46.1 69.1



#32
Benzoic acid
Concen: 13.274 ng
RT: 10.037 min Scan# 1156
Delta R.T. -0.059 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:122 Resp: 96553
Ion Ratio Lower Upper
122 100
105 127.8 119.6 159.6
77 99.3 101.0 141.0#

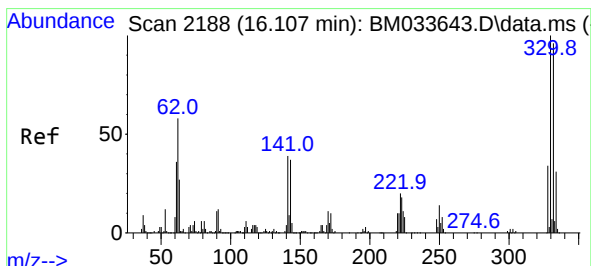
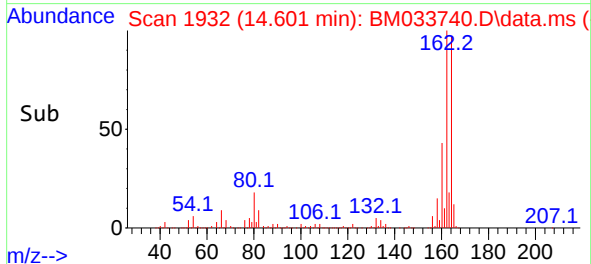
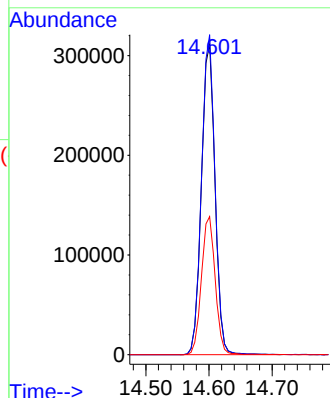
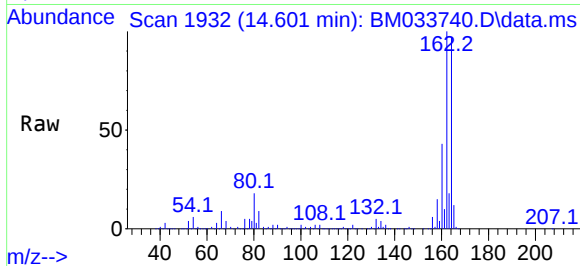




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

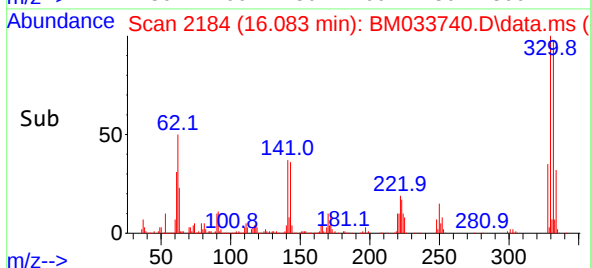
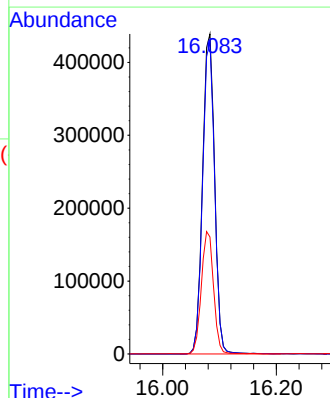
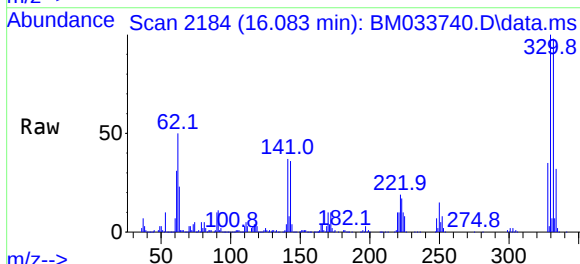
Instrument :
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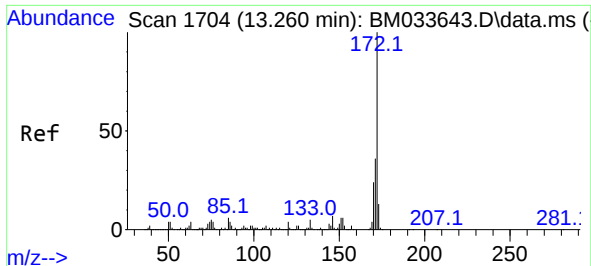
Tgt Ion:164 Resp: 464486
Ion Ratio Lower Upper
164 100
162 103.1 79.7 119.5
160 44.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 133.516 ng
RT: 16.083 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:330 Resp: 647743
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 38.6 35.9 53.9

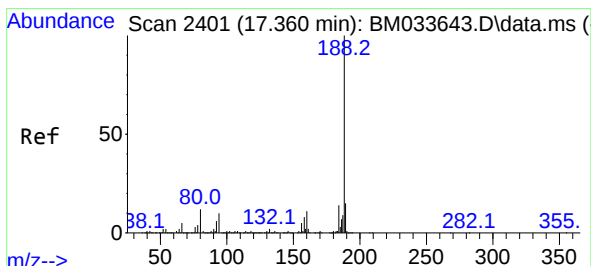
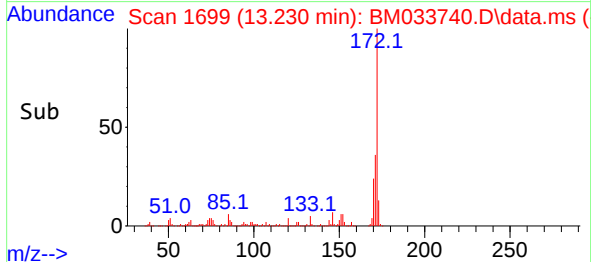
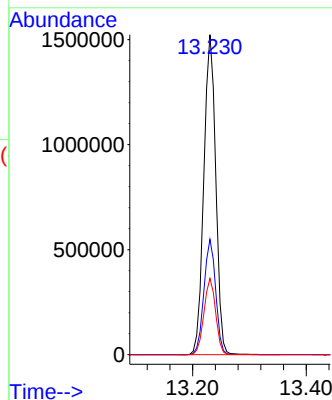
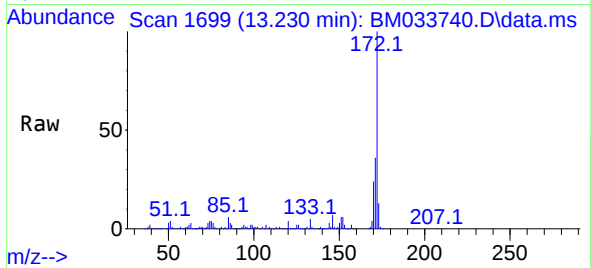




#45
2-Fluorobiphenyl
Concen: 62.560 ng
RT: 13.230 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

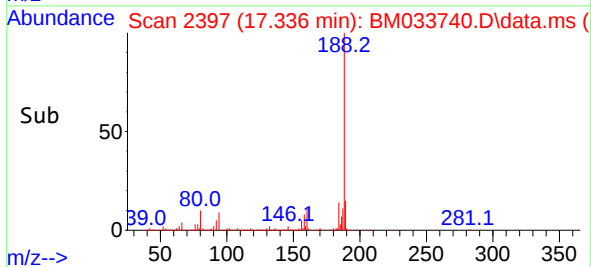
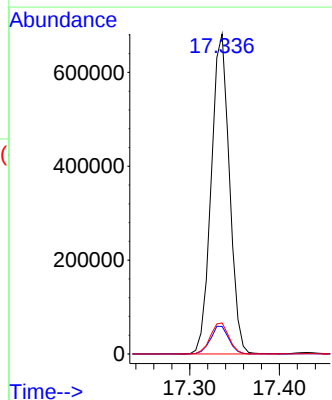
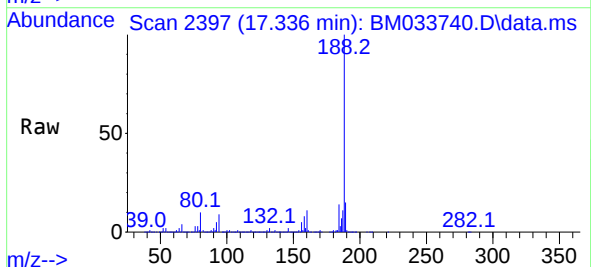
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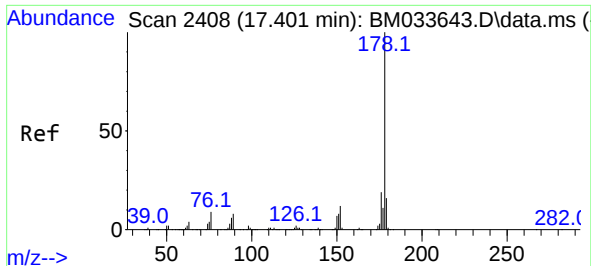
Tgt Ion:172 Resp: 2218556
Ion Ratio Lower Upper
172 100
171 36.1 27.2 40.8
170 23.8 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:188 Resp: 959183
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 9.7 8.9 13.3

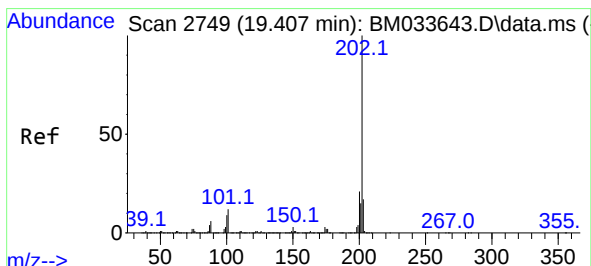
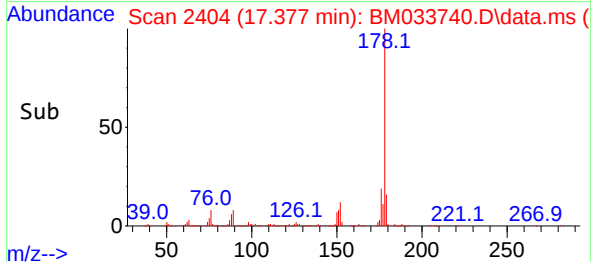
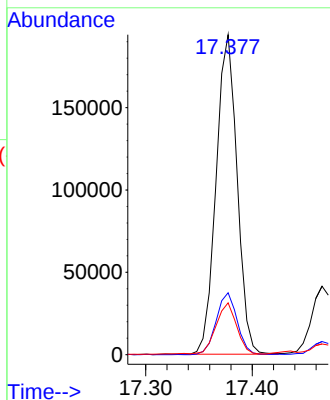
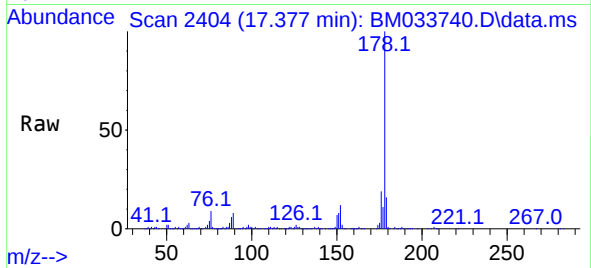




#71
Phenanthrene
Concen: 4.829 ng
RT: 17.377 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

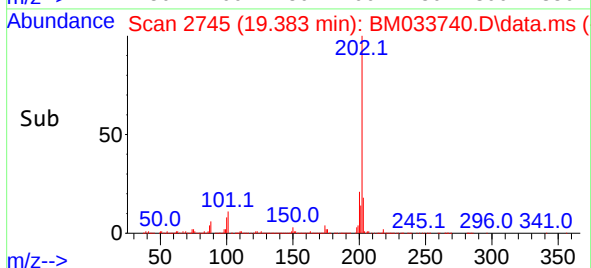
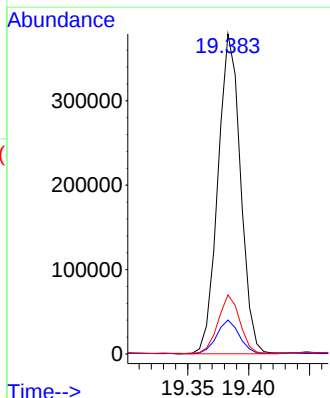
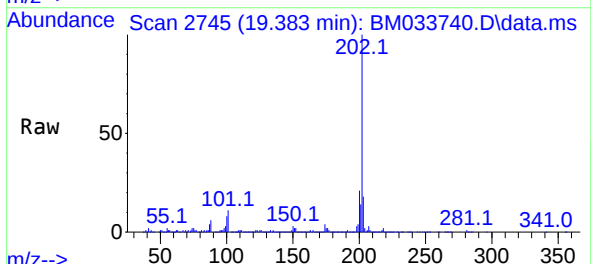
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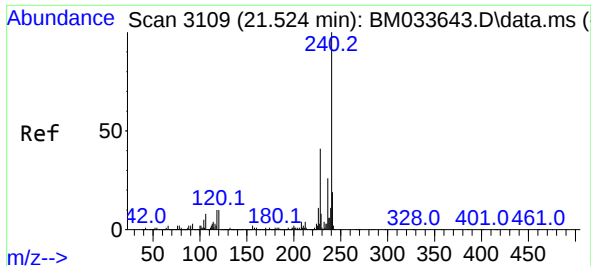
Tgt Ion:178 Resp: 265048
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 16.2 12.0 18.0



#75
Fluoranthene
Concen: 8.485 ng
RT: 19.383 min Scan# 2745
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:202 Resp: 488889
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.8
203 18.5 0.0 37.2

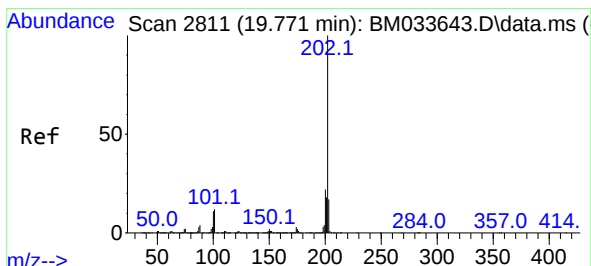
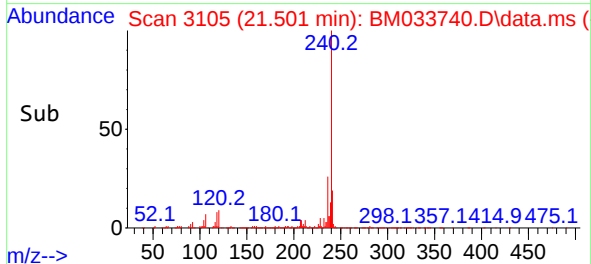
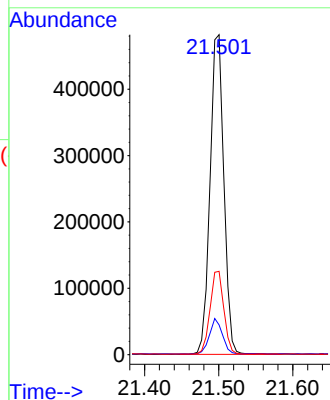
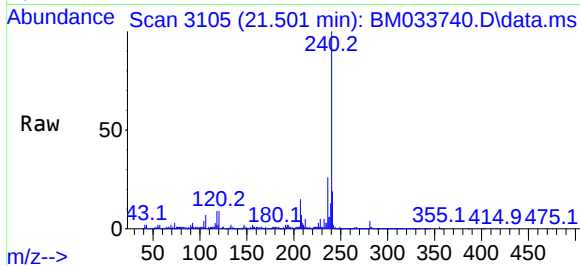




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

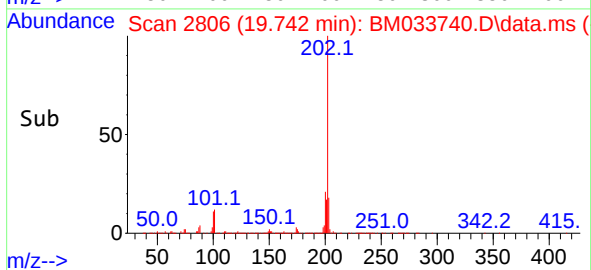
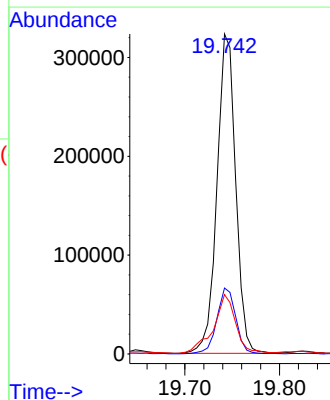
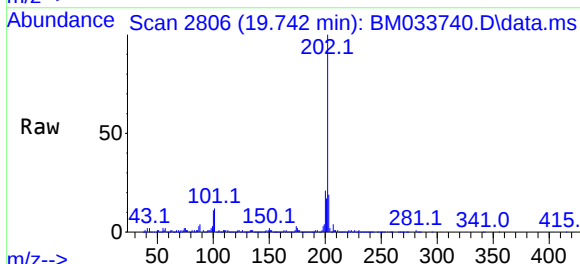
Instrument :
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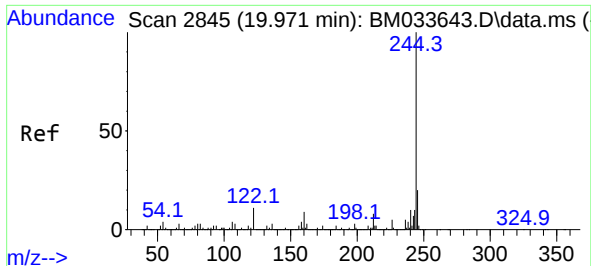
Tgt Ion:240 Resp: 624120
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 26.1 20.3 30.5



#78
Pyrene
Concen: 10.116 ng
RT: 19.742 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:202 Resp: 444518
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 18.5 13.5 20.3

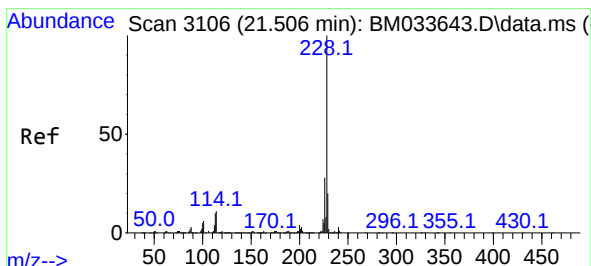
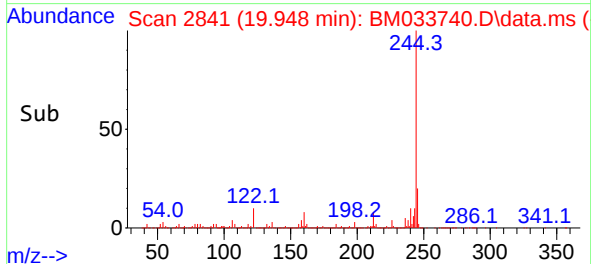
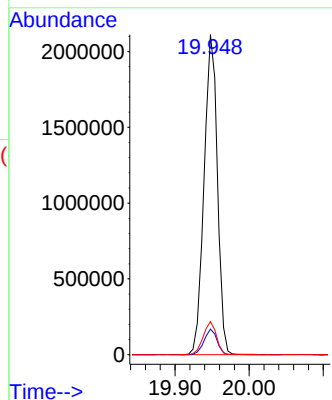
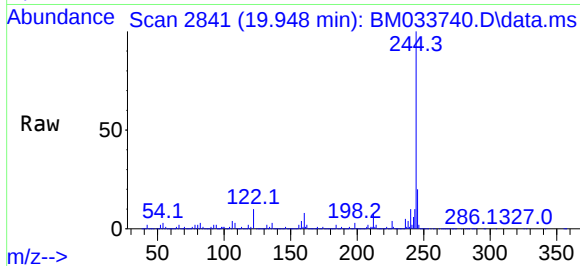




#79
 Terphenyl-d14
 Concen: 75.971 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033740.D
 Acq: 14 Jan 2022 22:23

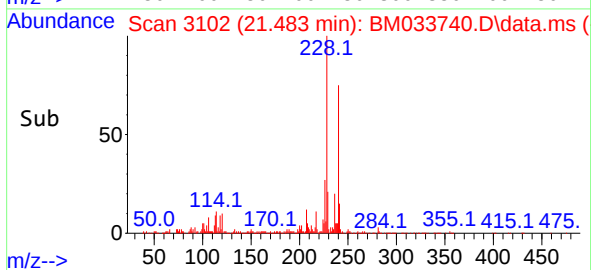
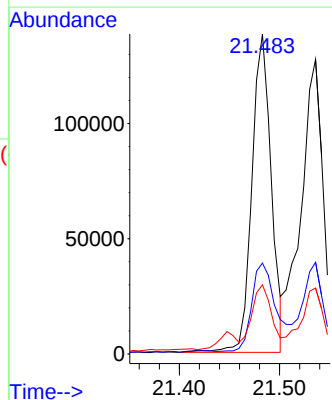
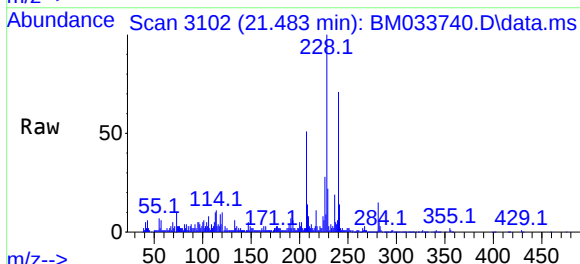
Instrument :
 BNA_M
 ClientSampleId :
 RO-ETGI-352

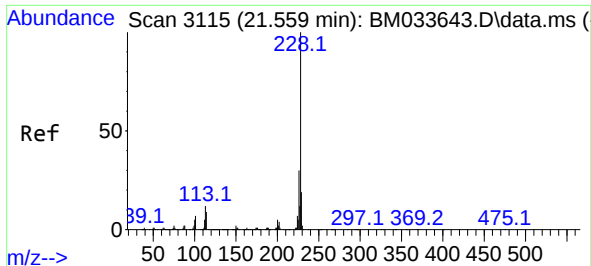
Tgt Ion:244 Resp: 2634191
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 10.4 8.4 12.6



#81
 Benzo(a)anthracene
 Concen: 4.386 ng
 RT: 21.483 min Scan# 3102
 Delta R.T. -0.012 min
 Lab File: BM033740.D
 Acq: 14 Jan 2022 22:23

Tgt Ion:228 Resp: 185629
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.0 31.6
 229 21.6 15.5 23.3

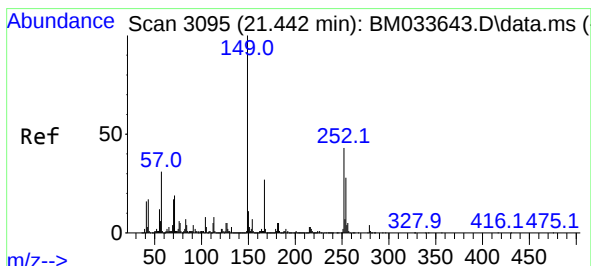
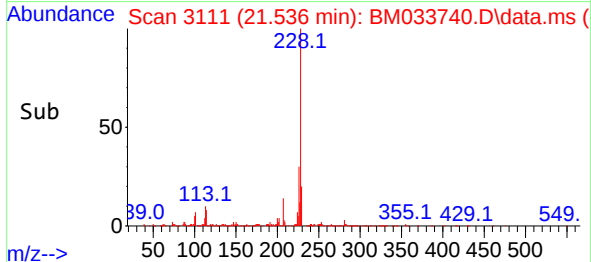
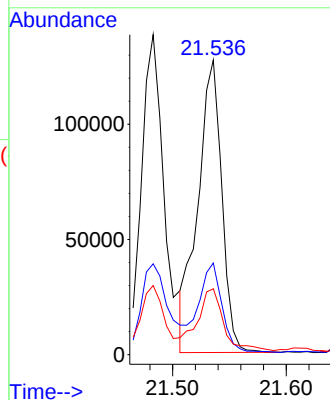
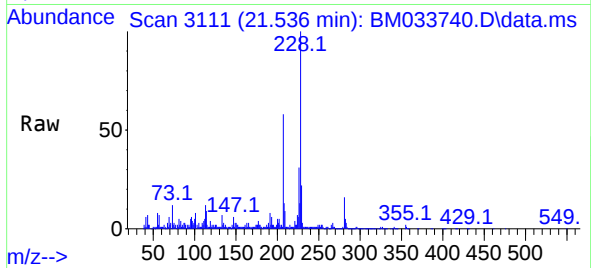




#83
Chrysene
Concen: 4.609 ng
RT: 21.536 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

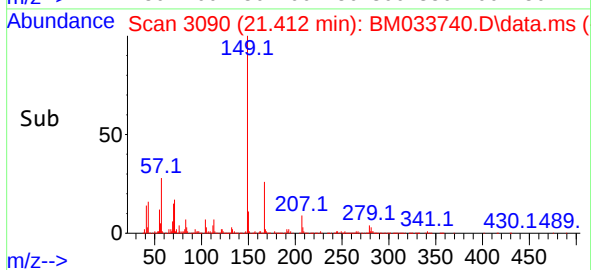
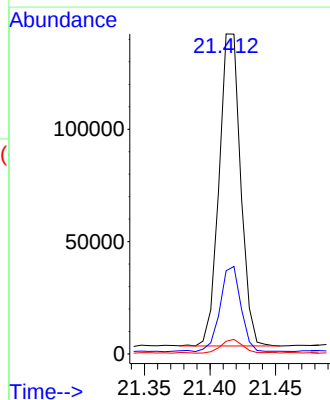
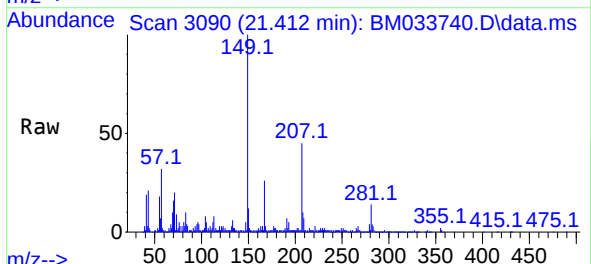
Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

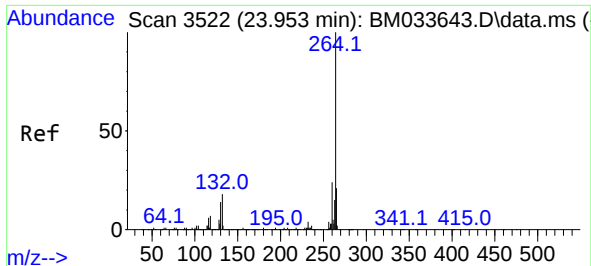
Tgt Ion:	228	Resp:	186685
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.8	35.8
229	22.4	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.299 ng
RT: 21.412 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

Tgt Ion:	149	Resp:	158419
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.4	32.0
279	4.0	3.0	4.6

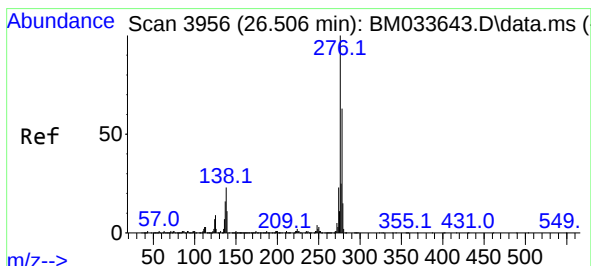
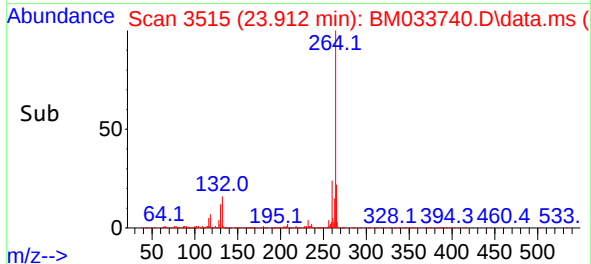
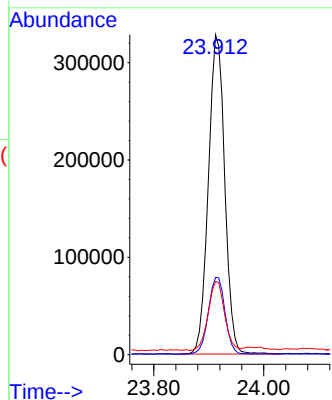
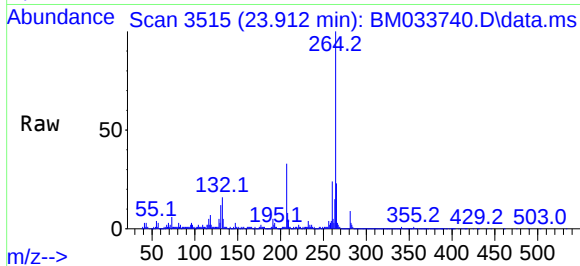




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.912 min Scan# 311
 Delta R.T. -0.017 min
 Lab File: BM033740.D
 Acq: 14 Jan 2022 22:23

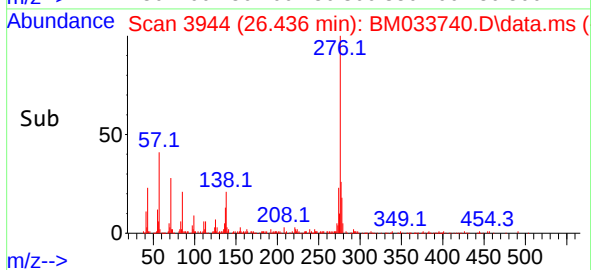
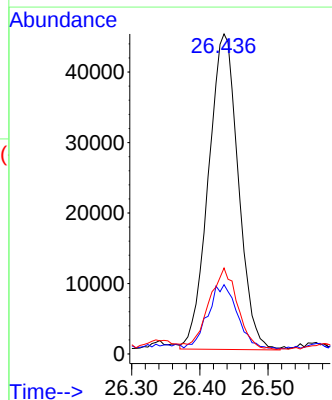
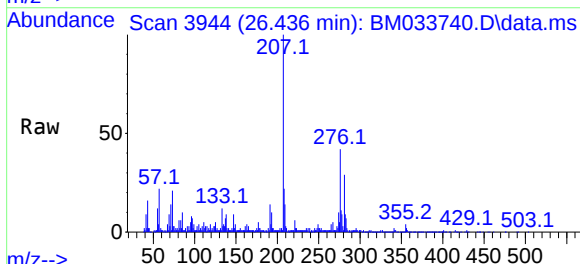
Instrument :
 BNA_M
 ClientSampleId :
 RO-ETGI-352

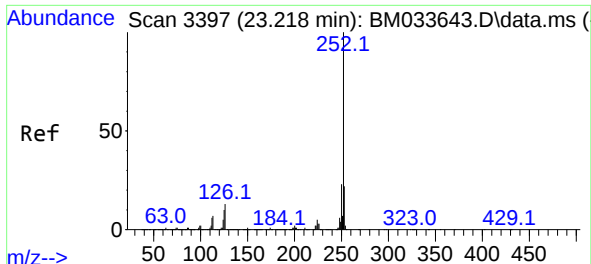
Tgt Ion:264 Resp: 679312
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.7 26.5
 265 22.9 17.7 26.5



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.727 ng
 RT: 26.436 min Scan# 3944
 Delta R.T. -0.029 min
 Lab File: BM033740.D
 Acq: 14 Jan 2022 22:23

Tgt Ion:276 Resp: 136625
 Ion Ratio Lower Upper
 276 100
 138 20.0 18.7 28.1
 277 24.8 20.2 30.4

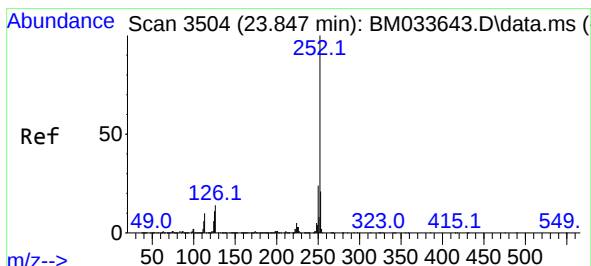
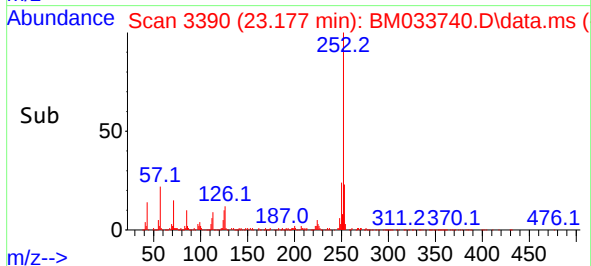
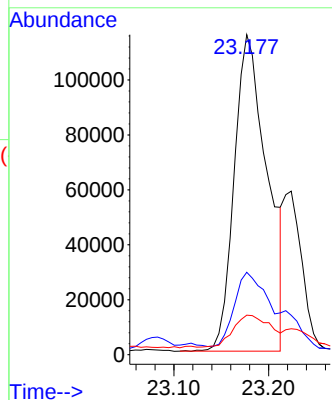
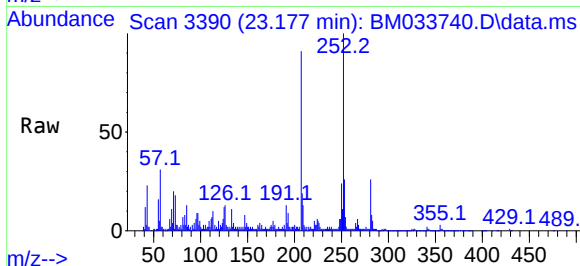




#88
Benzo(b)fluoranthene
Concen: 6.450 ng
RT: 23.177 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

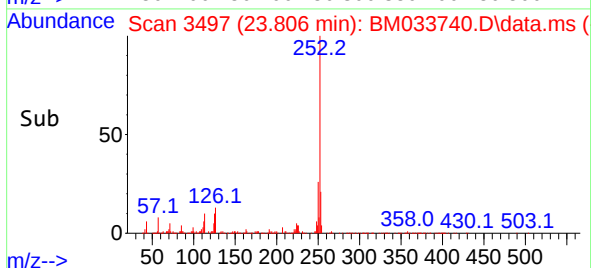
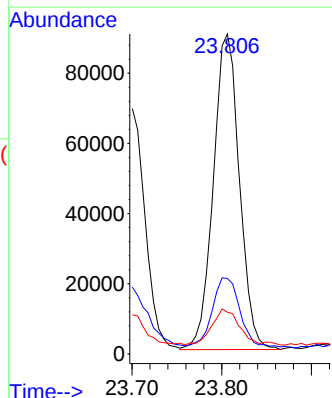
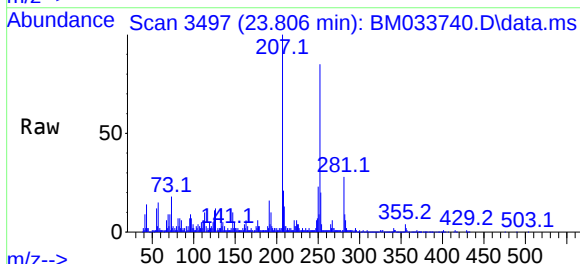
Instrument :
BNA_M
ClientSampleId :
RO-ETGI-352

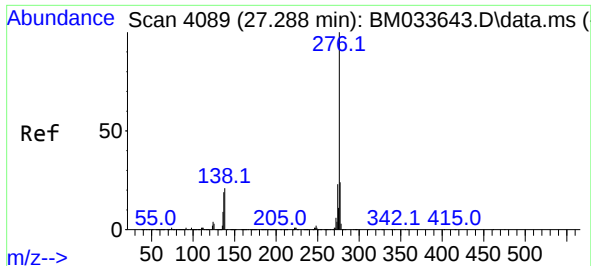
Tgt Ion:252 Resp: 279334
Ion Ratio Lower Upper
252 100
253 25.8 17.1 25.7#
125 12.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 5.051 ng
RT: 23.806 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BM033740.D
Acq: 14 Jan 2022 22:23

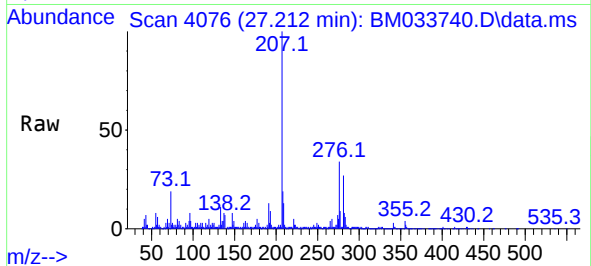
Tgt Ion:252 Resp: 181562
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 13.1 7.8 11.8#





#92
 Benzo(g,h,i)perylene
 Concen: 3.310 ng
 RT: 27.212 min Scan# 40
 Delta R.T. -0.035 min
 Lab File: BM033740.D
 Acq: 14 Jan 2022 22:23

Instrument :
 BNA_M
 ClientSampleId :
 RO-ETGI-352



Tgt Ion: 276 Resp: 135391

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.1	28.7
138	19.3	14.8	22.2

