

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029062.D
 Acq On : 10 Mar 2021 00:58
 Operator : CG/JU
 Sample : M1597-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-030821

Quant Time: Mar 10 01:55:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

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

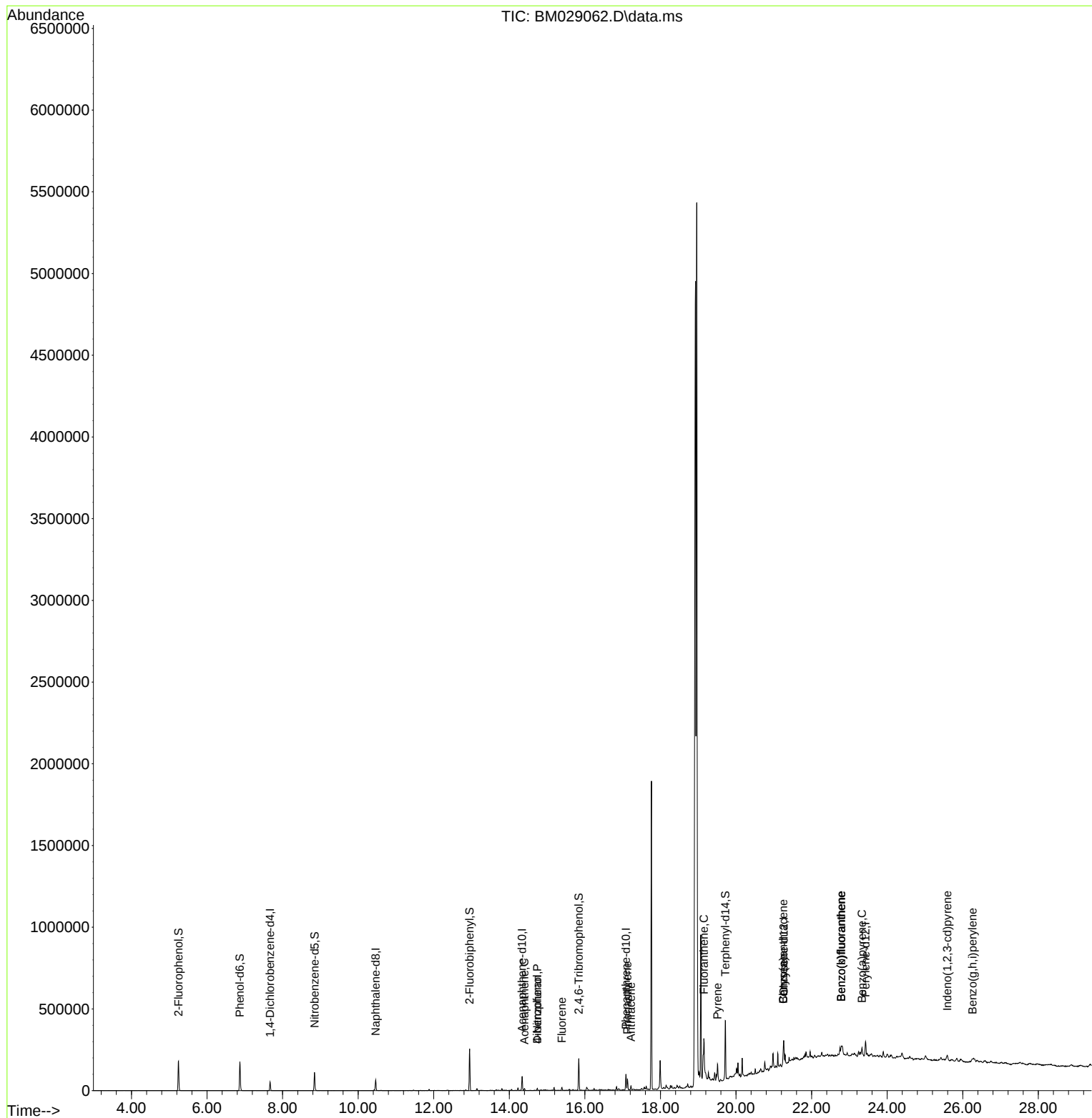
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	13187	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	50035	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	27396	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	51452	20.00	ng	0.00
76) Chrysene-d12	21.262	240	50704	20.00	ng	# 0.00
86) Perylene-d12	23.427	264	54208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	71993	90.49	ng	0.00
7) Phenol-d6	6.869	99	85023	80.91	ng	0.00
23) Nitrobenzene-d5	8.845	82	55552	59.90	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	27335	84.19	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	118445	57.56	ng	0.00
79) Terphenyl-d14	19.721	244	153382	55.86	ng	0.01
Target Compounds						
						Qvalue
52) Acenaphthene	14.398	154	4457	2.64	ng	95
55) Dibenzofuran	14.739	168	5809	2.19	ng	98
56) 4-Nitrophenol	14.739	139	2357	6.09	ng	# 1
58) Fluorene	15.392	166	7891	3.71	ng	98
71) Phenanthrene	17.127	178	36254	11.83	ng	98
72) Anthracene	17.221	178	15288	5.04	ng	97
75) Fluoranthene	19.151	202	66302	19.69	ng	97
78) Pyrene	19.509	202	58312	15.66	ng	99
81) Benzo(a)anthracene	21.250	228	32994	9.38	ng	93
83) Chrysene	21.250	228	32994	9.62	ng	96
87) Indeno(1,2,3-cd)pyrene	25.591	276	19266	4.71	ng	93
88) Benzo(b)fluoranthene	22.786	252	52596	13.74	ng	# 88
89) Benzo(k)fluoranthene	22.786	252	52596	14.46	ng	# 88
90) Benzo(a)pyrene	23.333	252	30264	8.66	ng	# 87
92) Benzo(g,h,i)perylene	26.256	276	18342	5.34	ng	# 82

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

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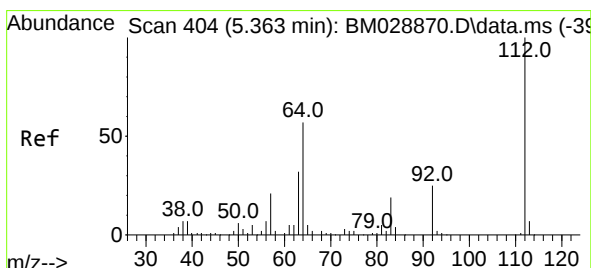
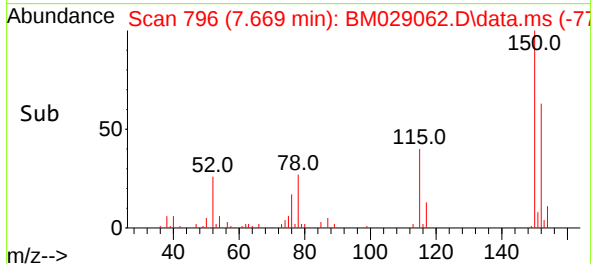
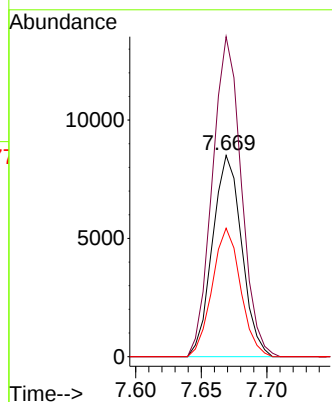
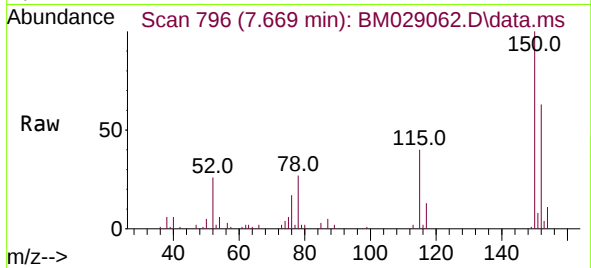




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

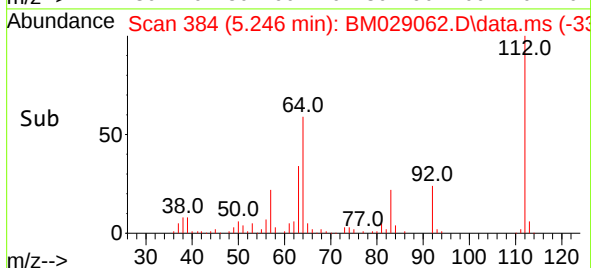
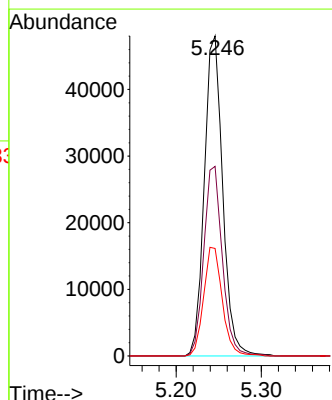
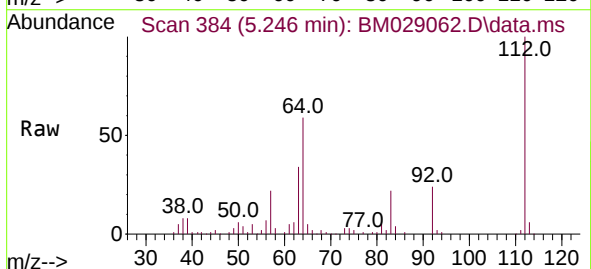
Instrument :
BNA_M
ClientSampleId :
AU-06-030821

Tgt Ion:152 Resp: 13187
Ion Ratio Lower Upper
152 100
150 159.0 120.6 181.0
115 63.8 47.2 70.8



#5
2-Fluorophenol
Concen: 90.49 ng
RT: 5.246 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:112 Resp: 71993
Ion Ratio Lower Upper
112 100
64 59.2 50.6 76.0
63 33.6 31.0 46.6

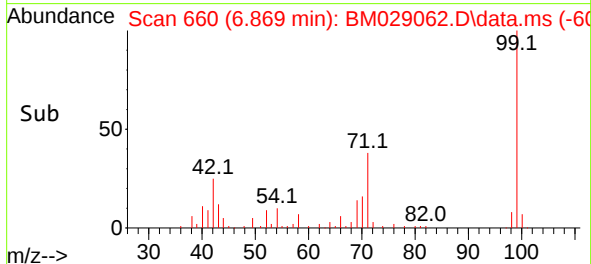
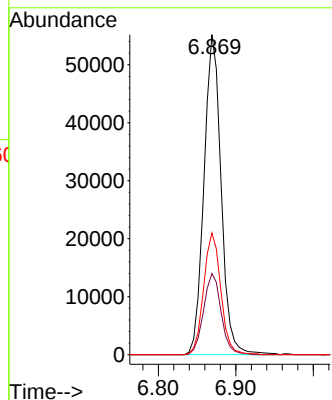
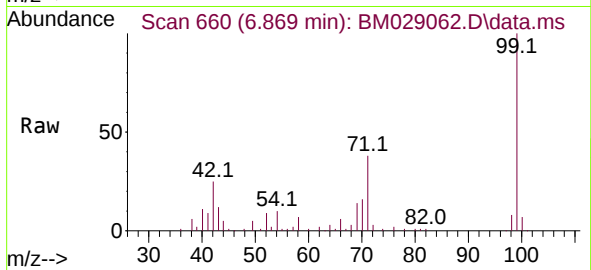




#7
Phenol-d6
Concen: 80.91 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

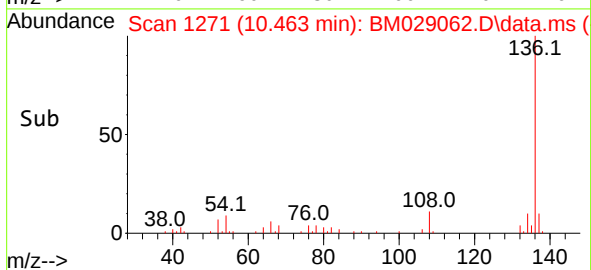
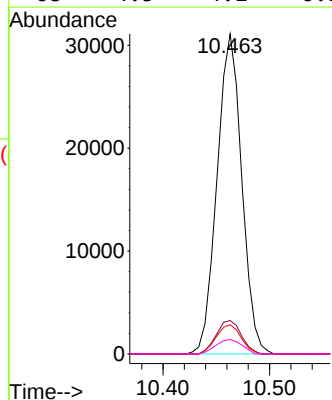
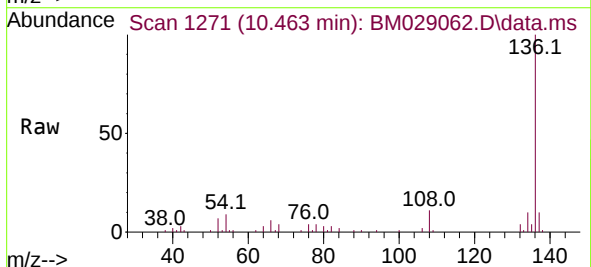
Instrument :
BNA_M
ClientSampled :
AU-06-030821

Tgt Ion: 99 Resp: 85023
Ion Ratio Lower Upper
99 100
42 25.3 13.5 20.3#
71 38.1 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion: 136 Resp: 50035
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.2 4.6 7.0#
68 4.5 4.1 6.1

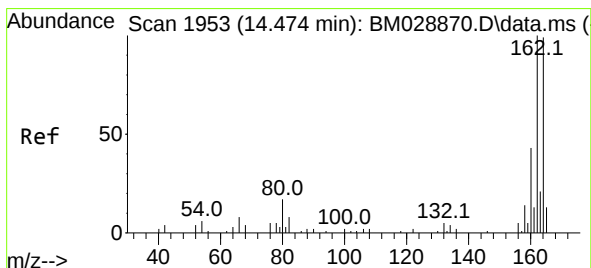
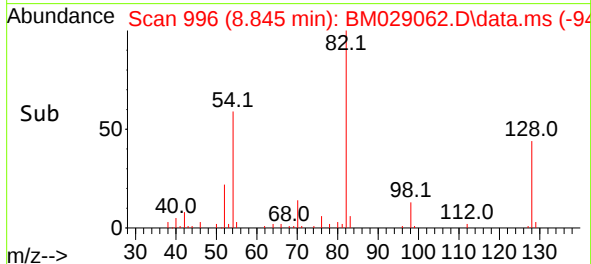
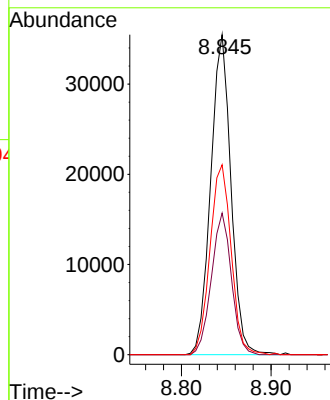
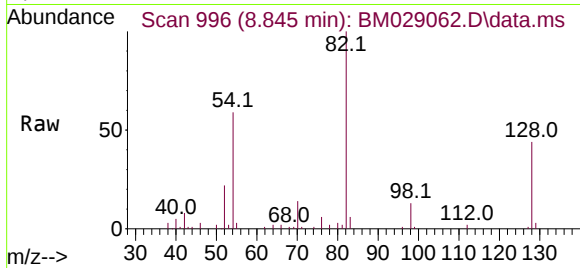




#23
Nitrobenzene-d5
Concen: 59.90 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

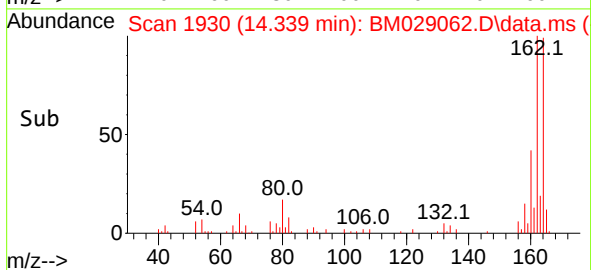
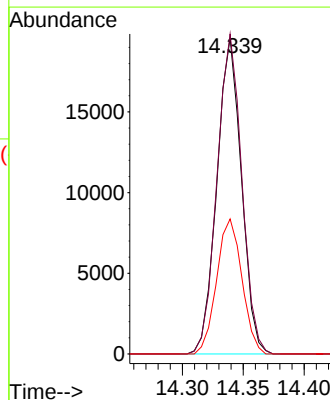
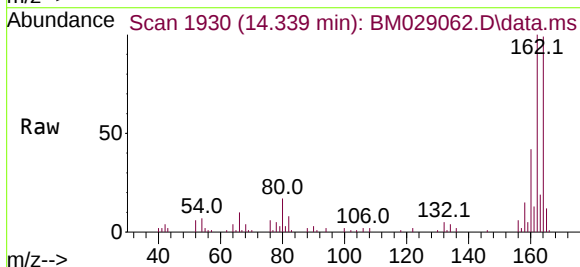
Instrument :
BNA_M
ClientSampleId :
AU-06-030821

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	27.4	41.0#
54	59.4	31.4	47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.4	120.6
160	42.8	35.9	53.9

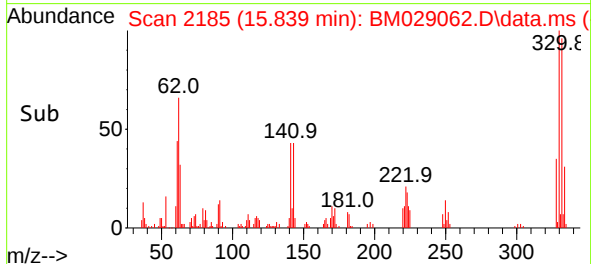
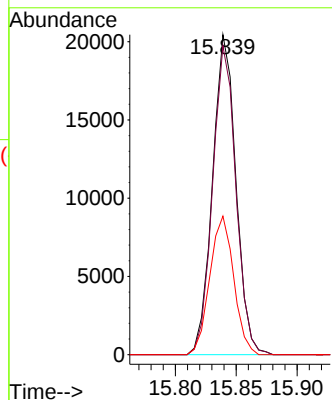
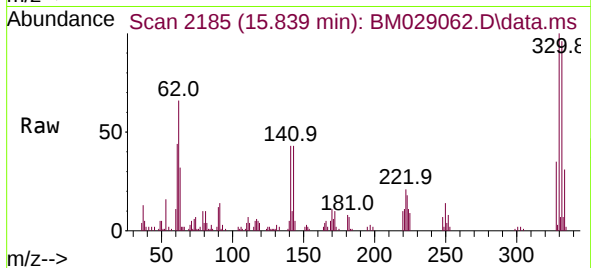




#42
2,4,6-Tribromophenol
Concen: 84.19 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

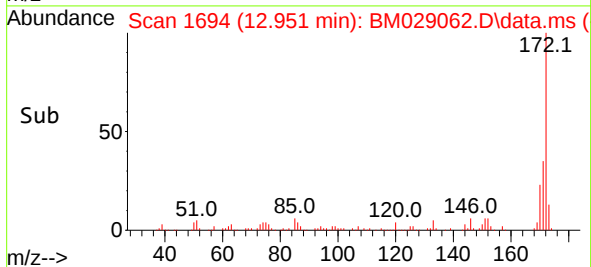
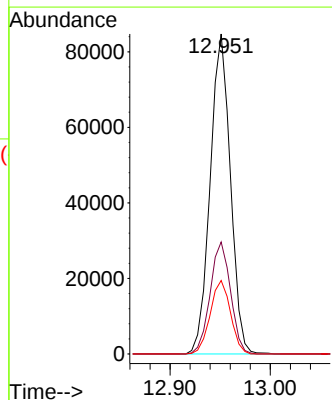
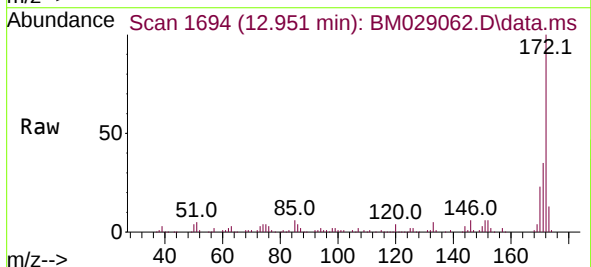
Instrument :
BNA_M
ClientSampleId :
AU-06-030821

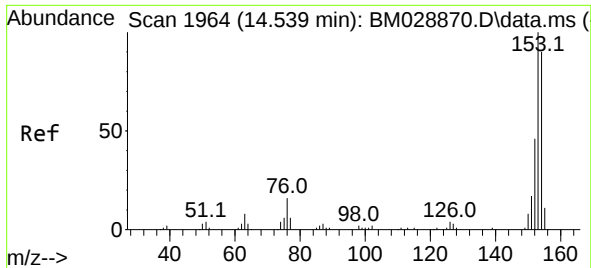
Tgt Ion:330 Resp: 27335
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 44.3 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 57.56 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:172 Resp: 118445
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.9 18.6 27.8

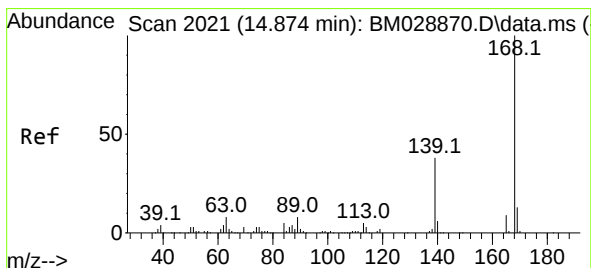
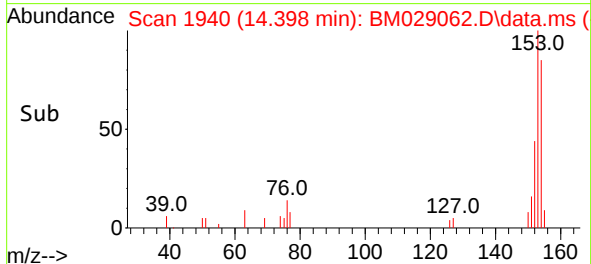
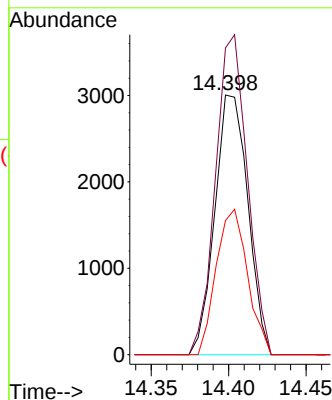
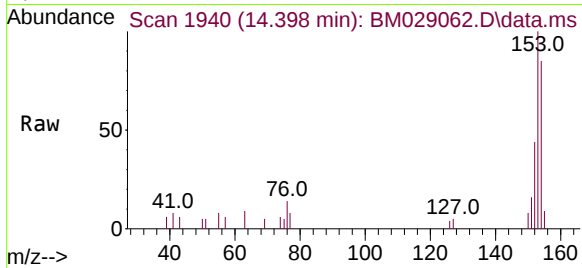




#52
Acenaphthene
Concen: 2.64 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

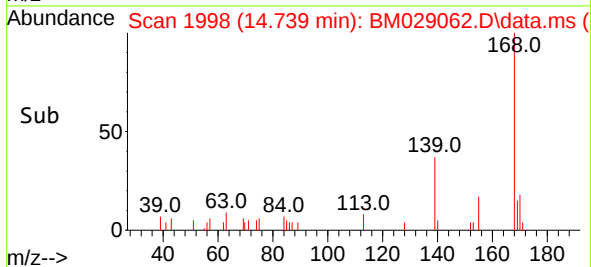
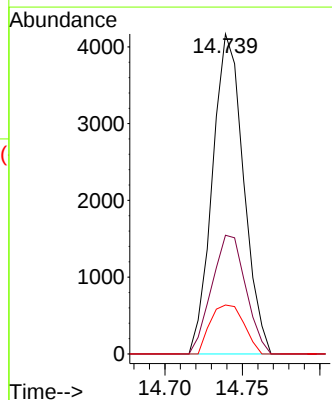
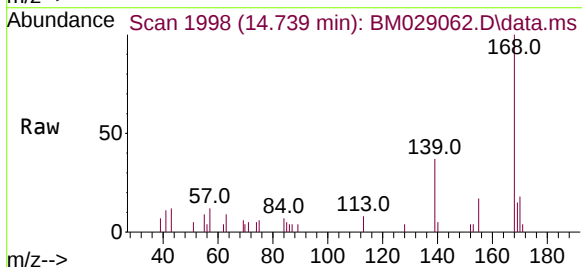
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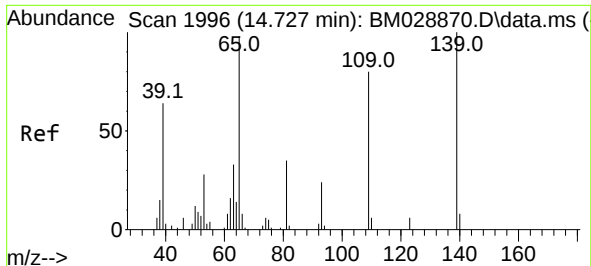
Tgt Ion:154 Resp: 4457
Ion Ratio Lower Upper
154 100
153 118.1 88.3 132.5
152 51.6 41.4 62.2



#55
Dibenzofuran
Concen: 2.19 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:168 Resp: 5809
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.4
169 15.3 10.6 16.0

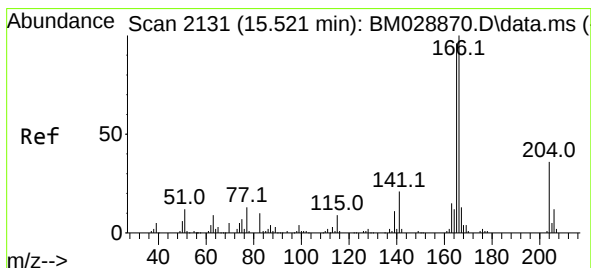
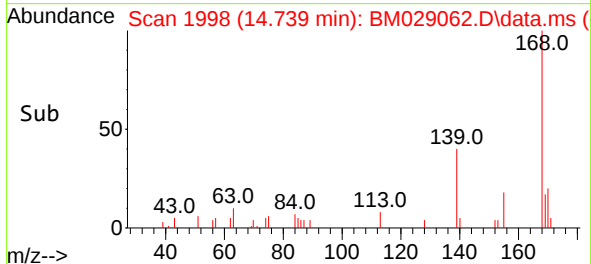
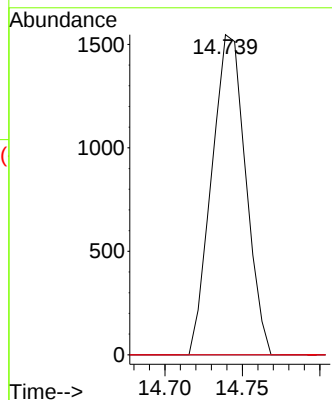
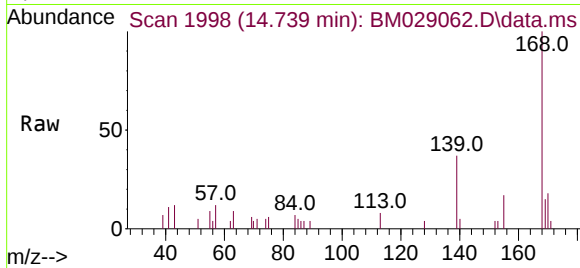




#56
4-Nitrophenol
Concen: 6.09 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.129 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

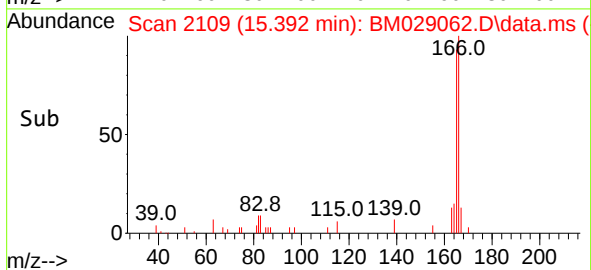
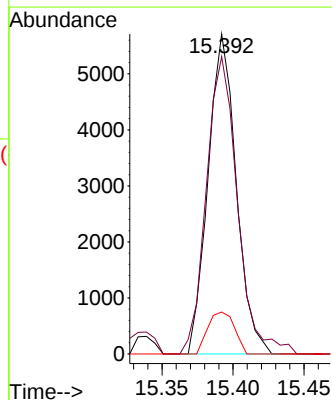
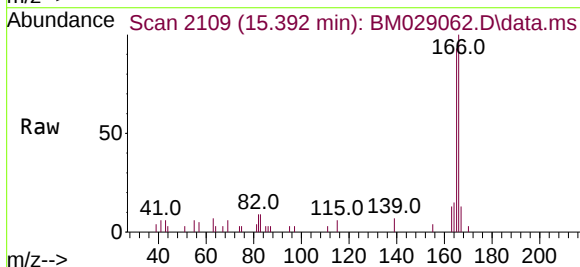
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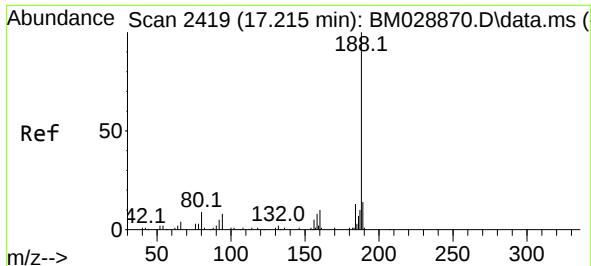
Tgt Ion:139 Resp: 2357
Ion Ratio Lower Upper
139 100
109 0.0 77.0 117.0#
65 0.0 103.4 143.4#



#58
Fluorene
Concen: 3.71 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:166 Resp: 7891
Ion Ratio Lower Upper
166 100
165 92.9 76.2 114.2
167 13.1 10.7 16.1

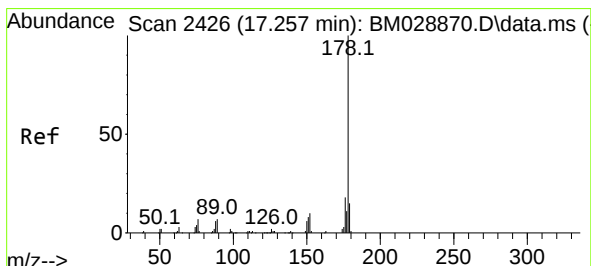
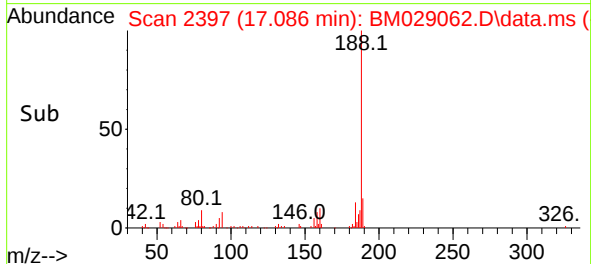
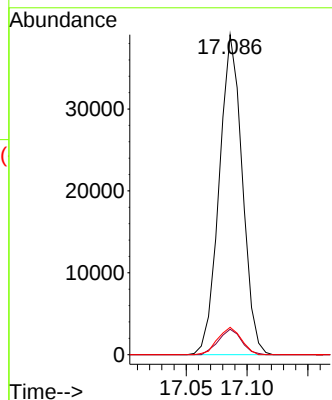
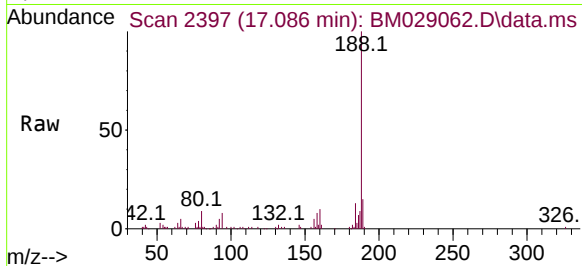




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

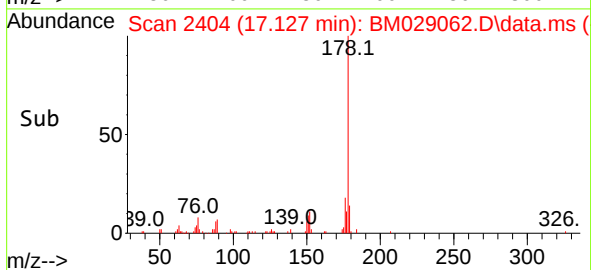
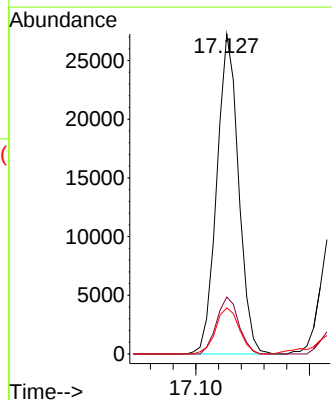
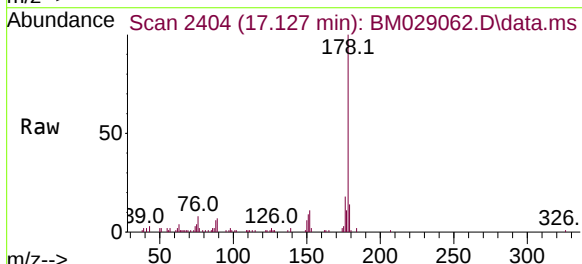
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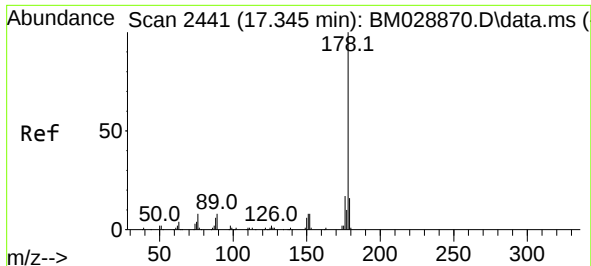
Tgt Ion:188 Resp: 51452
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 8.6 7.5 11.3



#71
Phenanthrene
Concen: 11.83 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:178 Resp: 36254
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.6
179 14.4 12.2 18.4

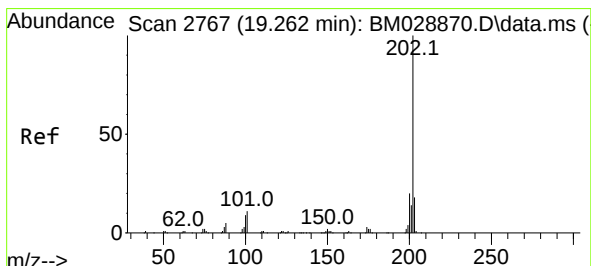
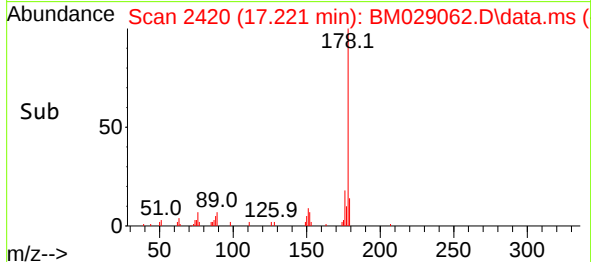
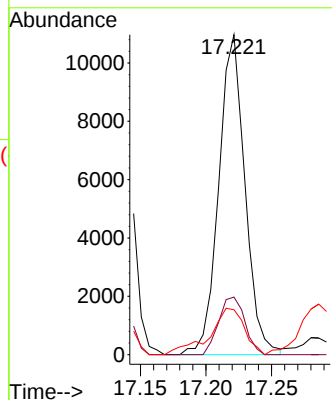
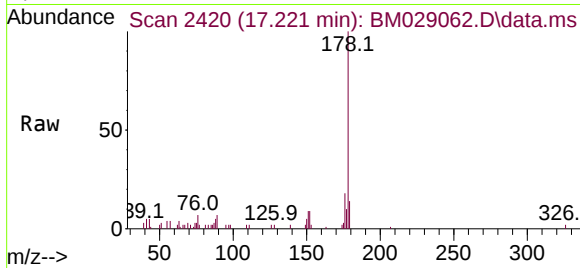




#72
 Anthracene
 Concen: 5.04 ng
 RT: 17.221 min Scan# 2420
 Delta R.T. 0.006 min
 Lab File: BM029062.D
 Acq: 10 Mar 2021 00:58

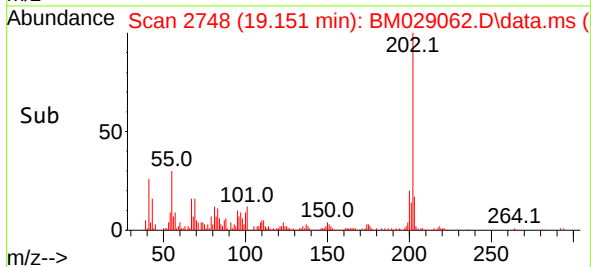
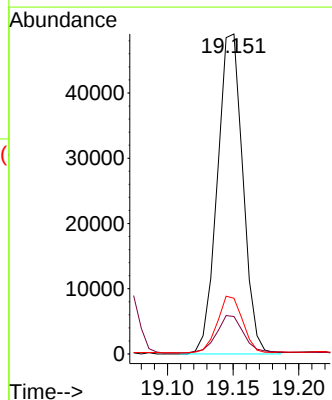
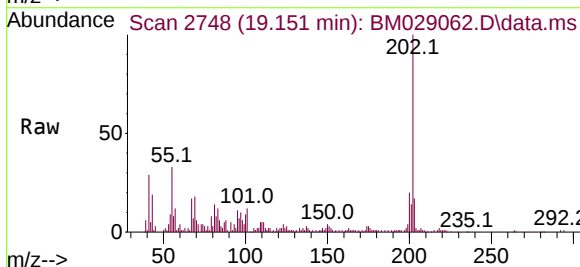
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 ClientSampleId :
 AU-06-030821

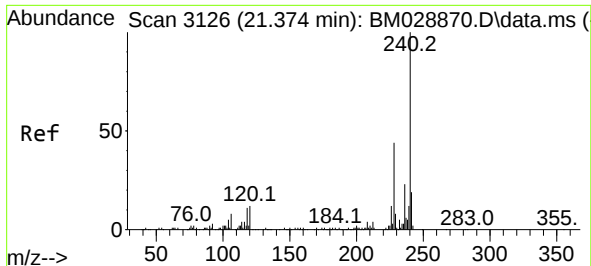
Tgt Ion:178 Resp: 15288
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.0 22.4
 179 14.0 12.5 18.7



#75
 Fluoranthene
 Concen: 19.69 ng
 RT: 19.151 min Scan# 2748
 Delta R.T. 0.006 min
 Lab File: BM029062.D
 Acq: 10 Mar 2021 00:58

Tgt Ion:202 Resp: 66302
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 28.5
 203 17.4 0.0 37.3

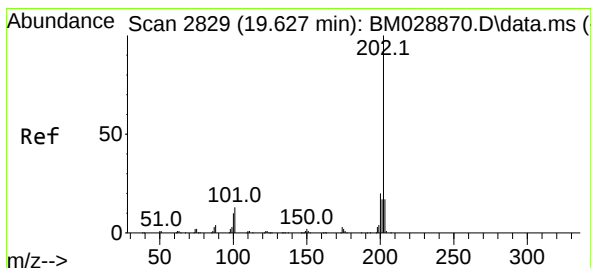
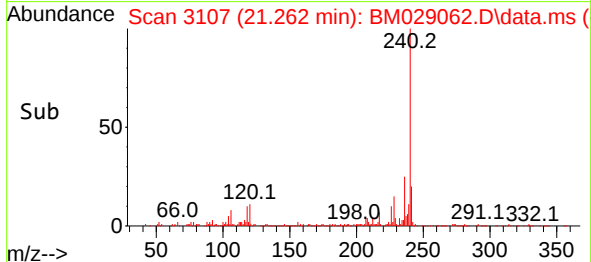
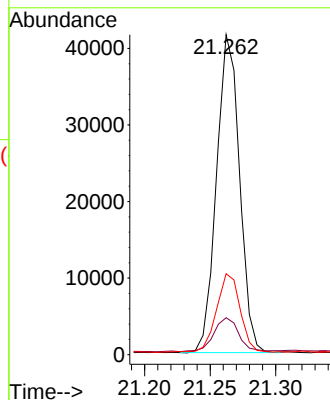
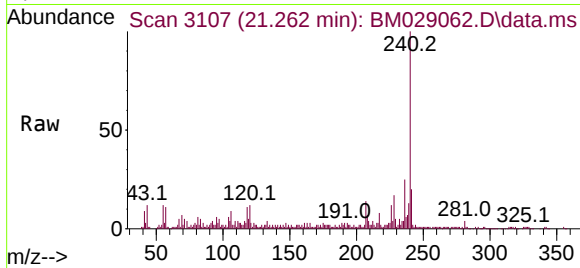




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.262 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

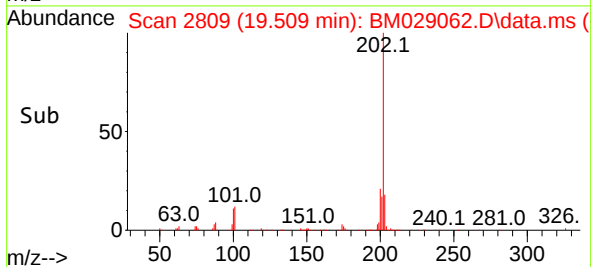
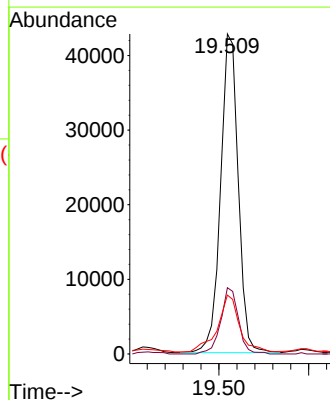
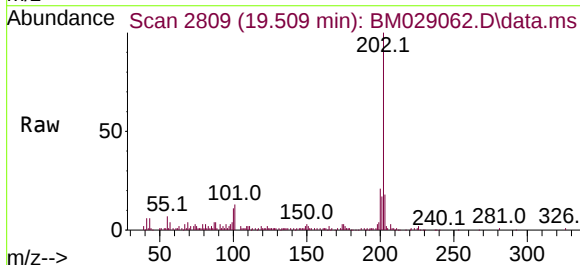
Instrument :
BNA_M
ClientSampleId :
AU-06-030821

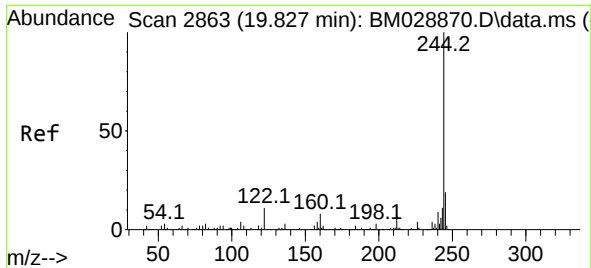
Tgt Ion:240 Resp: 50704
Ion Ratio Lower Upper
240 100
120 11.5 6.4 9.6#
236 25.3 20.1 30.1



#78
Pyrene
Concen: 15.66 ng
RT: 19.509 min Scan# 2809
Delta R.T. 0.006 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:202 Resp: 58312
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 18.4 13.8 20.6

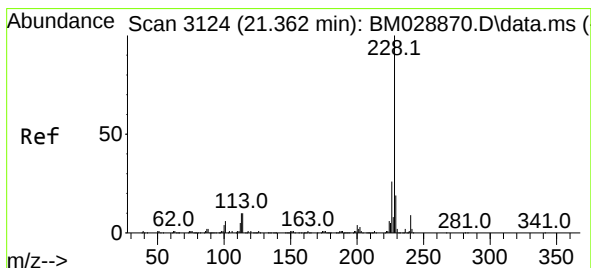
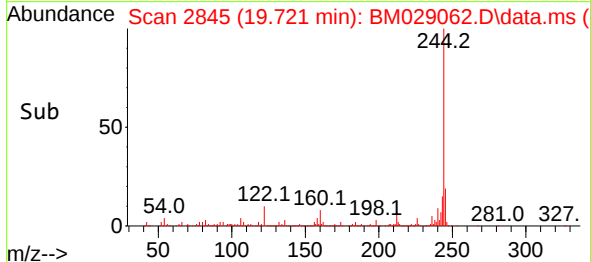
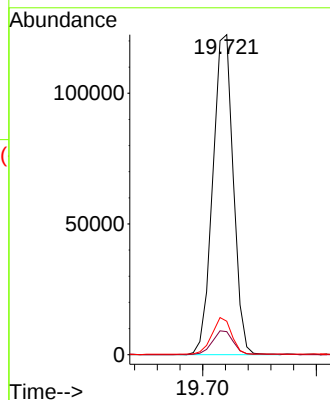
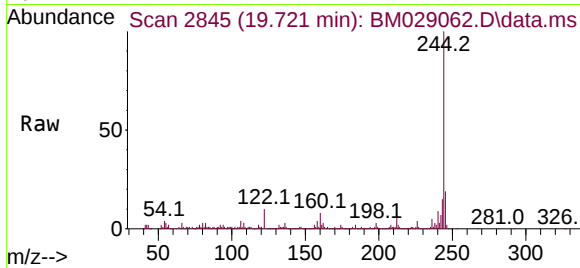




#79
 Terphenyl-d14
 Concen: 55.86 ng
 RT: 19.721 min Scan# 2845
 Delta R.T. 0.012 min
 Lab File: BM029062.D
 Acq: 10 Mar 2021 00:58

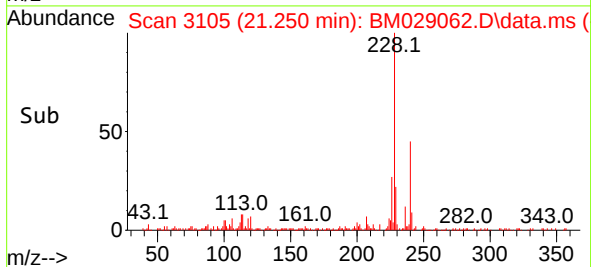
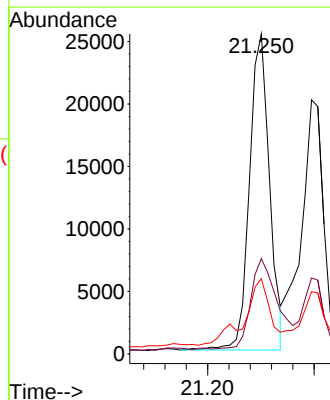
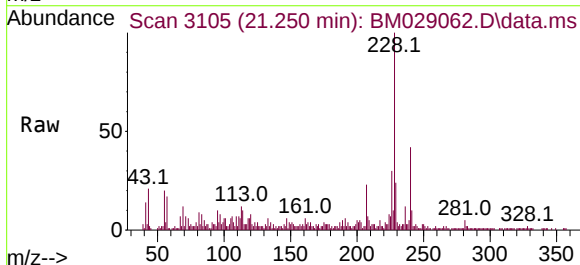
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-030821

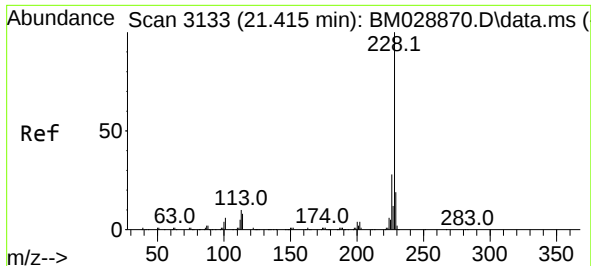
Tgt Ion:244 Resp: 153382
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.5 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 9.38 ng
 RT: 21.250 min Scan# 3105
 Delta R.T. 0.006 min
 Lab File: BM029062.D
 Acq: 10 Mar 2021 00:58

Tgt Ion:228 Resp: 32994
 Ion Ratio Lower Upper
 228 100
 226 29.8 21.1 31.7
 229 23.5 15.7 23.5

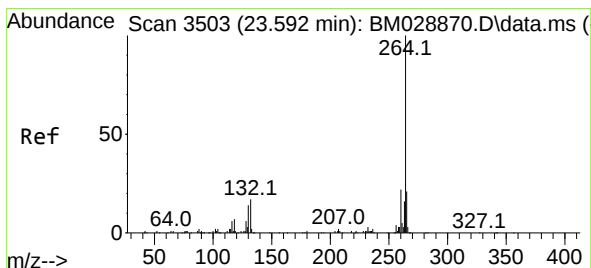
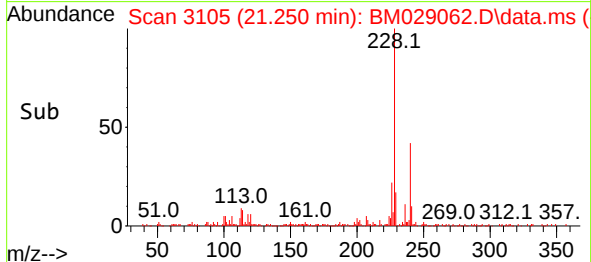
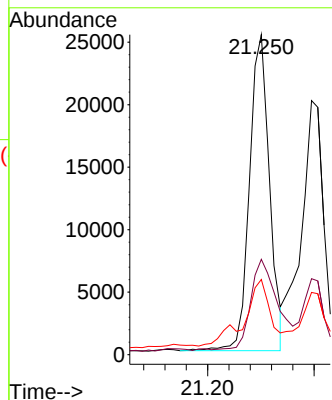
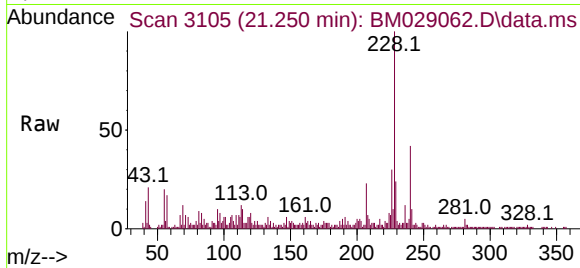




#83
Chrysene
Concen: 9.62 ng
RT: 21.250 min Scan# 3105
Delta R.T. -0.047 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

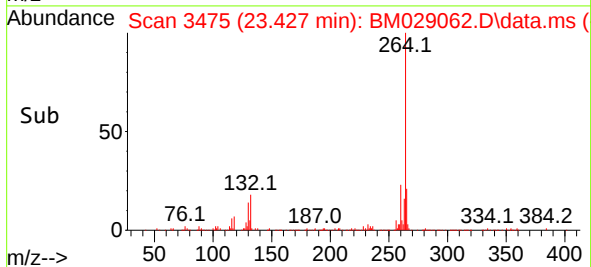
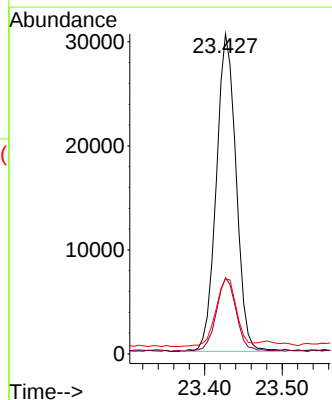
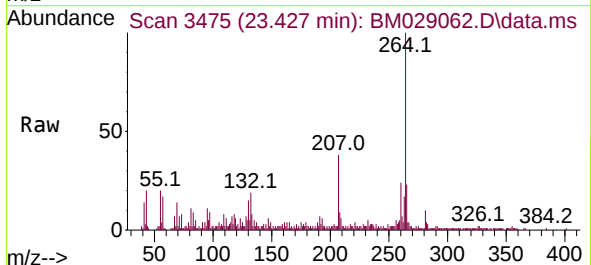
Instrument :
BNA_M
ClientSampled :
AU-06-030821

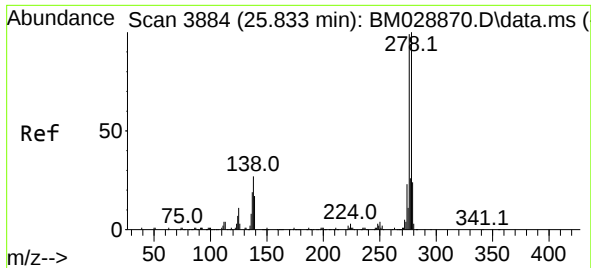
Tgt Ion:228 Resp: 32994
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.0
229 23.5 15.7 23.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3475
Delta R.T. 0.006 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:264 Resp: 54208
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 23.5 17.7 26.5

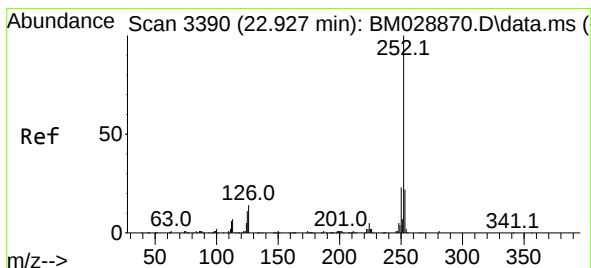
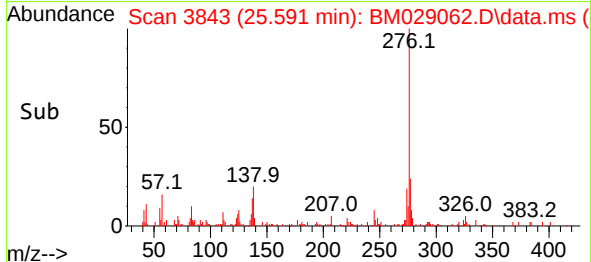
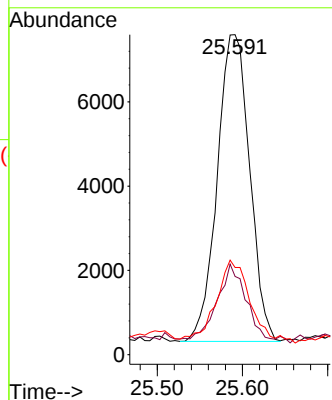
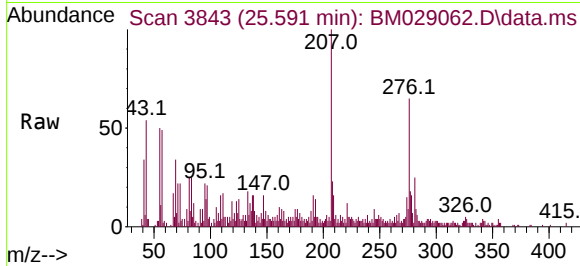




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.71 ng
RT: 25.591 min Scan# 3843
Delta R.T. 0.006 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

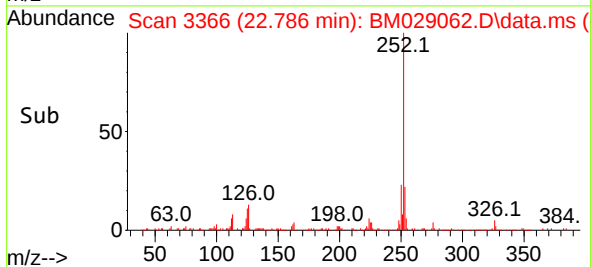
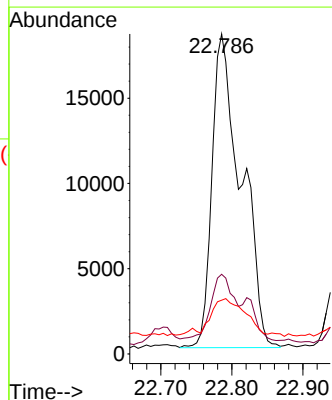
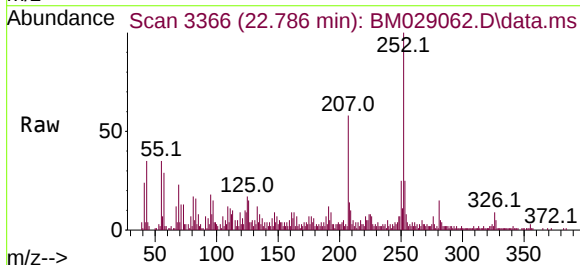
Instrument :
BNA_M
ClientSampleId :
AU-06-030821

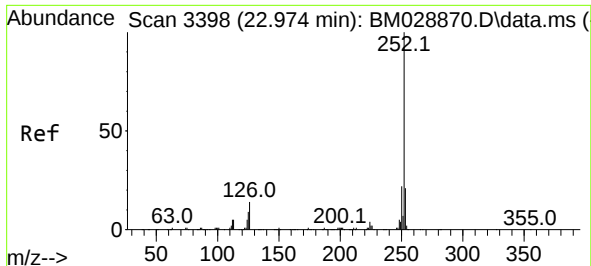
Tgt Ion:	276	Resp:	19266
Ion Ratio	Lower	Upper	
276	100		
138	20.8	14.2	21.4
277	28.7	19.8	29.8



#88
Benzo(b)fluoranthene
Concen: 13.74 ng
RT: 22.786 min Scan# 3366
Delta R.T. 0.006 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

Tgt Ion:	252	Resp:	52596
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.4	26.0
125	16.8	5.7	8.5#

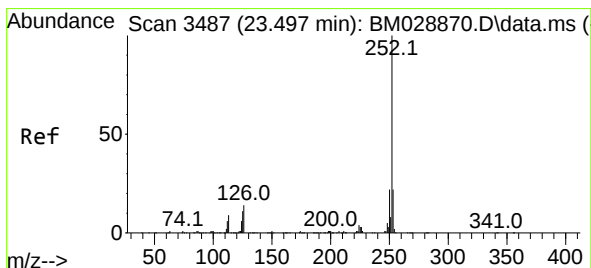
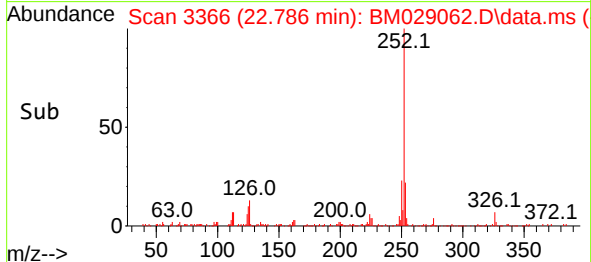
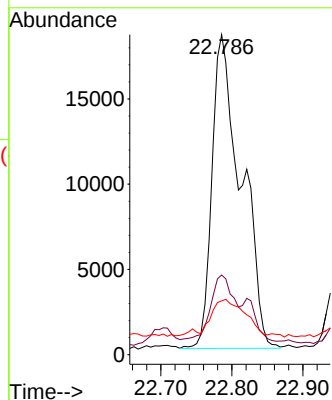
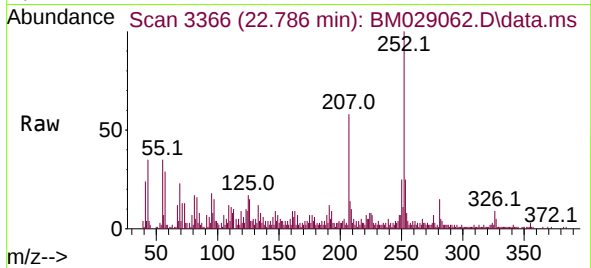




#89
Benzo(k)fluoranthene
Concen: 14.46 ng
RT: 22.786 min Scan# 3366
Delta R.T. -0.035 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

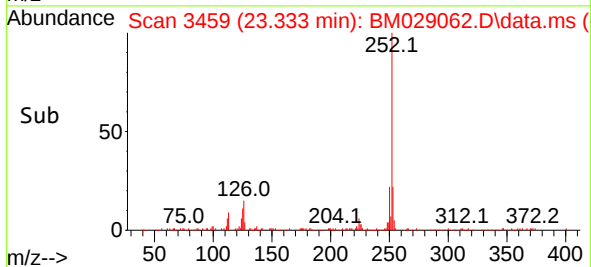
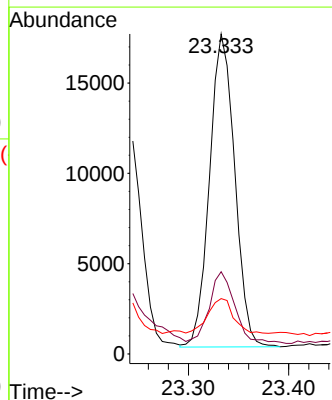
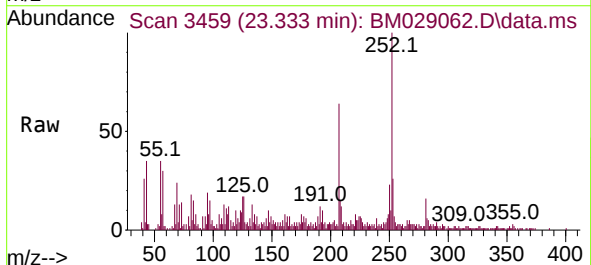
Instrument :
BNA_M
ClientSampleId :
AU-06-030821

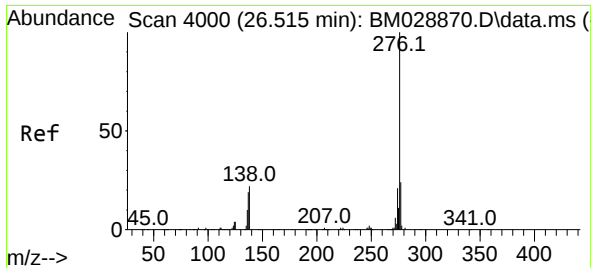
Tgt Ion:252 Resp: 52596
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 16.8 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 8.66 ng
RT: 23.333 min Scan# 3459
Delta R.T. -0.000 min
Lab File: BM029062.D
Acq: 10 Mar 2021 00:58

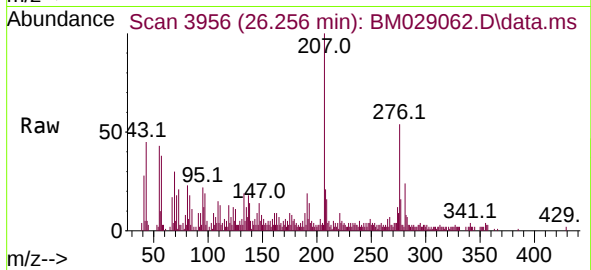
Tgt Ion:252 Resp: 30264
Ion Ratio Lower Upper
252 100
253 25.7 17.4 26.2
125 17.3 6.6 9.8#





#92
 Benzo(g,h,i)perylene
 Concen: 5.34 ng
 RT: 26.256 min Scan# 3956
 Delta R.T. 0.018 min
 Lab File: BM029062.D
 Acq: 10 Mar 2021 00:58

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-030821



Tgt Ion:276 Resp: 18342

Ion	Ratio	Lower	Upper
276	100		
277	29.9	18.6	28.0#
138	25.3	12.2	18.2#

