

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029640.D
 Acq On : 24 Apr 2021 16:43
 Operator : CG/JU
 Sample : M2148-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18-17-COMP

Quant Time: Apr 26 03:06:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

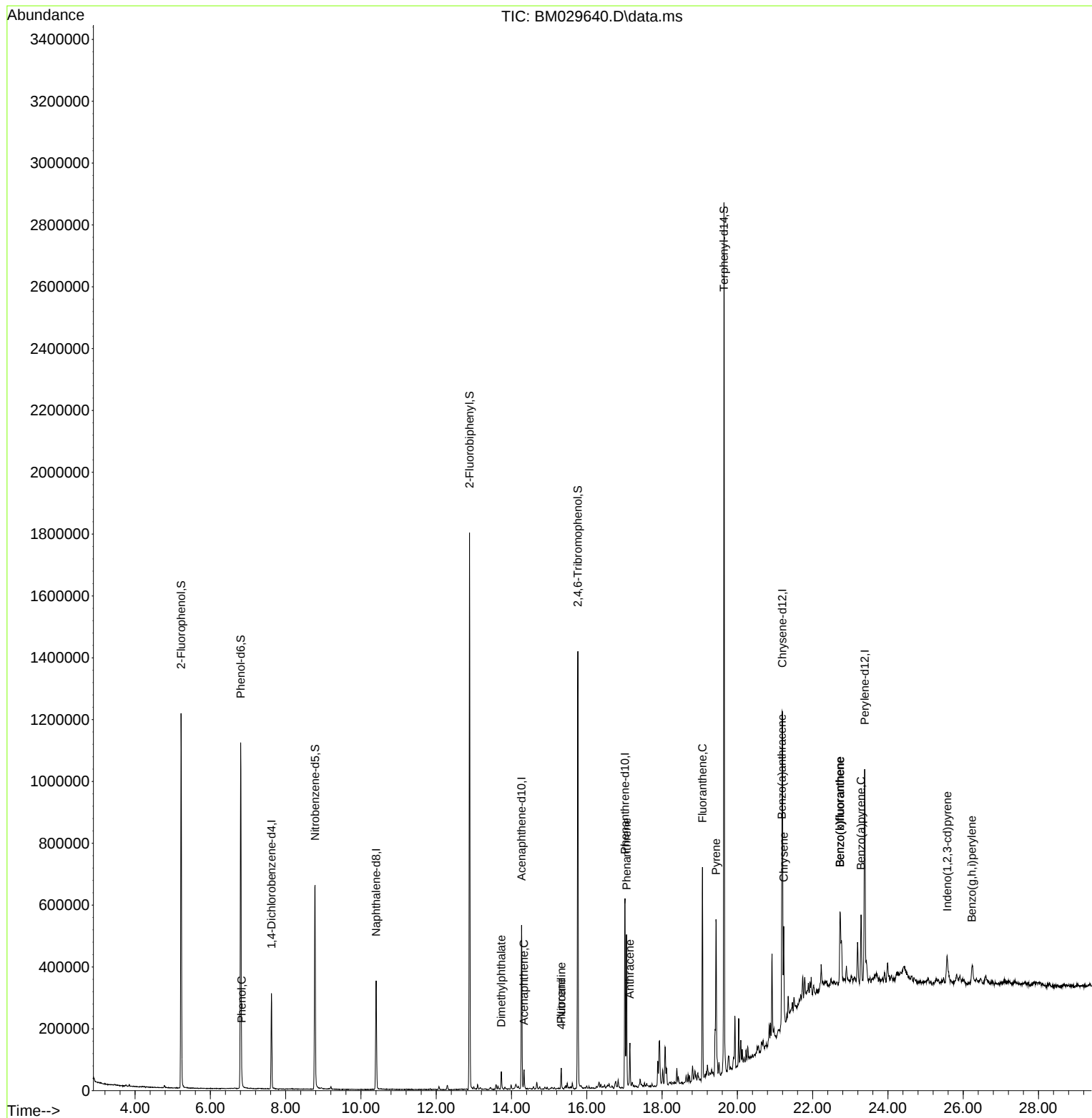
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	84137	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	284490	20.00	ng	-0.01
39) Acenaphthene-d10	14.268	164	176647	20.00	ng	-0.01
64) Phenanthrene-d10	17.015	188	370731	20.00	ng	0.00
76) Chrysene-d12	21.197	240	436039	20.00	ng	0.00
86) Perylene-d12	23.385	264	474973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	473454	112.81	ng	0.00
7) Phenol-d6	6.804	99	578915	92.36	ng	0.00
23) Nitrobenzene-d5	8.781	82	393215	71.19	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	239162	97.90	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	916206	70.40	ng	-0.01
79) Terphenyl-d14	19.645	244	1192729	51.86	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.834	94	12509	2.06	ng	90
50) Dimethylphthalate	13.733	163	37237	2.79	ng	99
52) Acenaphthene	14.333	154	20233	2.04	ng	94
58) Fluorene	15.321	166	28488	2.02	ng	99
62) 4-Nitroaniline	15.327	138	330	3.56	ng	# 10
71) Phenanthrene	17.056	178	296868	13.91	ng	99
72) Anthracene	17.145	178	81249	3.86	ng	99
75) Fluoranthene	19.074	202	401395	15.51	ng	98
78) Pyrene	19.433	202	331301	11.81	ng	99
81) Benzo(a)anthracene	21.180	228	203589	7.06	ng	99
83) Chrysene	21.233	228	180375	6.36	ng	97
87) Indeno(1,2,3-cd)pyrene	25.574	276	79654	2.17	ng	96
88) Benzo(b)fluoranthene	22.727	252	267171	8.63	ng	96
89) Benzo(k)fluoranthene	22.727	252	267171	8.61	ng	# 96
90) Benzo(a)pyrene	23.285	252	146028	5.02	ng	96
92) Benzo(g,h,i)perylene	26.232	276	74081	2.53	ng	97

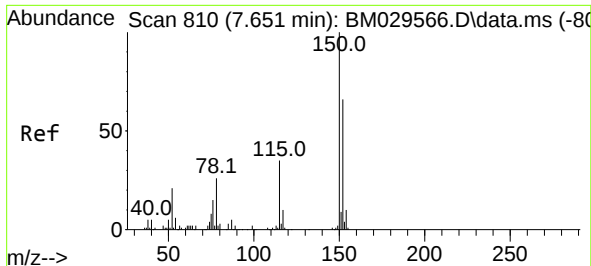
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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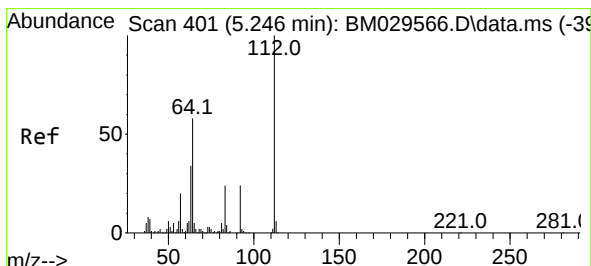
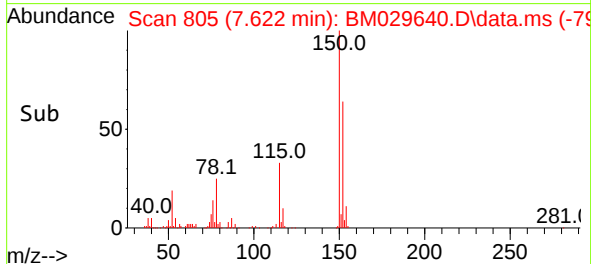
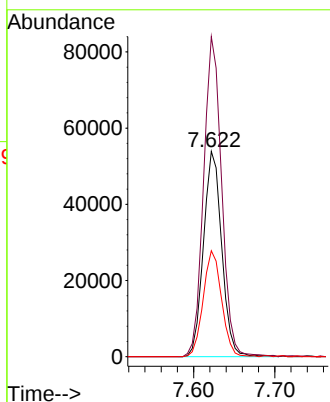
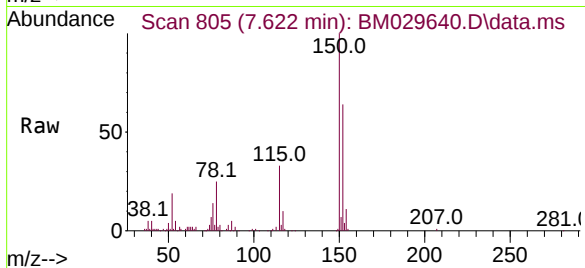




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

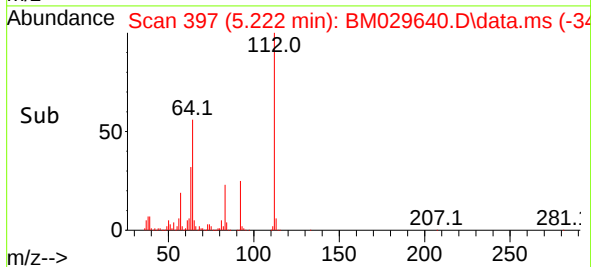
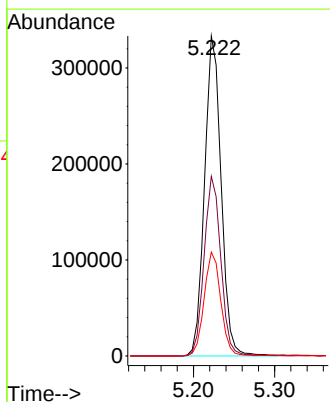
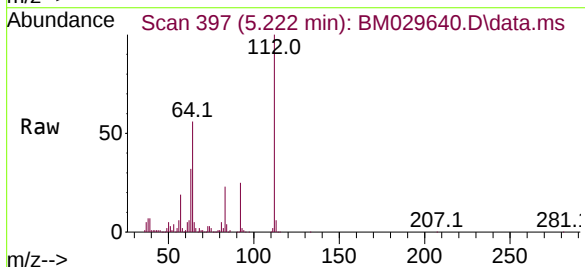
Instrument :
BNA_M
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TP-18-17-COMP

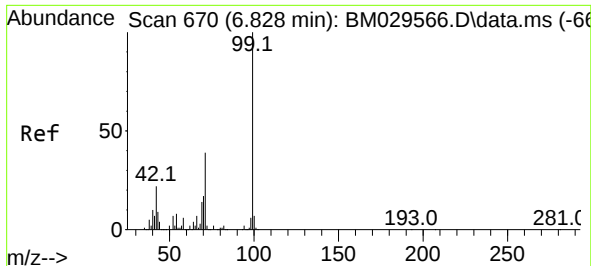
Tgt Ion:152 Resp: 84137
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 51.6 44.6 67.0



#5
2-Fluorophenol
Concen: 112.81 ng
RT: 5.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:112 Resp: 473454
Ion Ratio Lower Upper
112 100
64 56.2 47.1 70.7
63 32.4 27.3 40.9

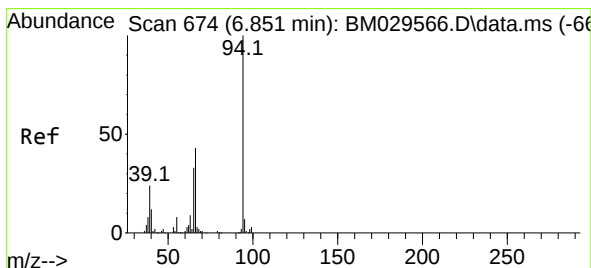
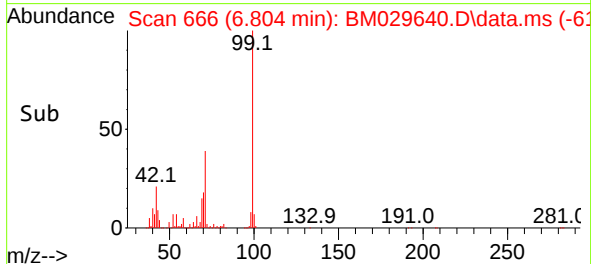
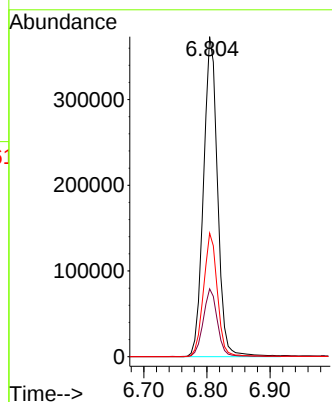
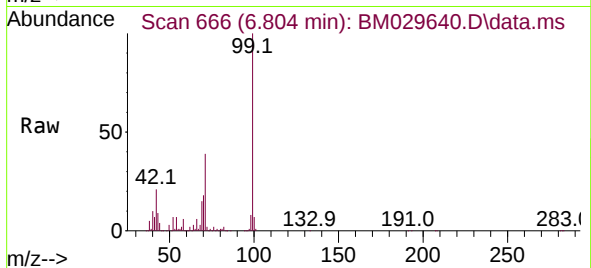




#7
Phenol-d6
Concen: 92.36 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

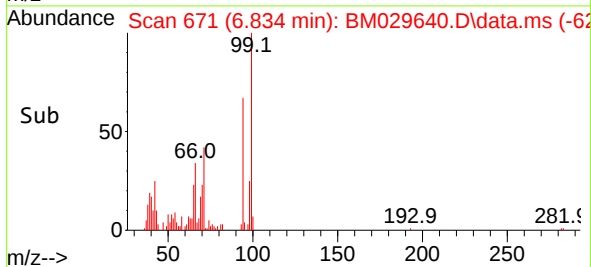
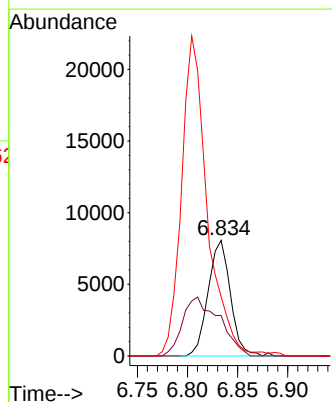
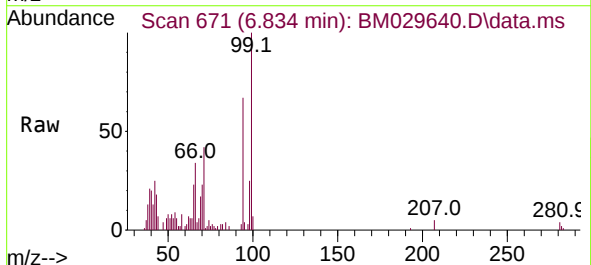
Instrument :
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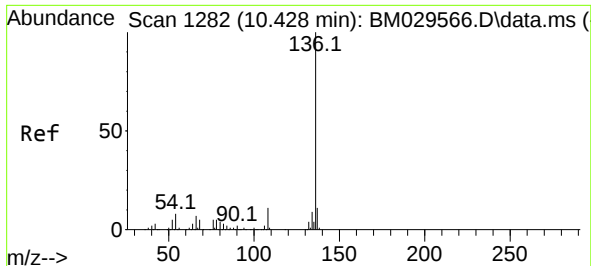
Tgt Ion: 99 Resp: 578915
Ion Ratio Lower Upper
99 100
42 21.2 18.0 27.0
71 38.6 30.9 46.3



#10
Phenol
Concen: 2.06 ng
RT: 6.834 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion: 94 Resp: 12509
Ion Ratio Lower Upper
94 100
65 35.0 11.9 51.9
66 51.3 22.6 62.6

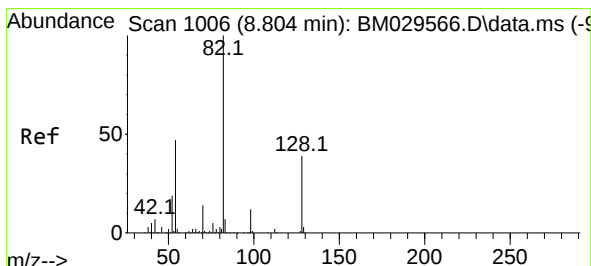
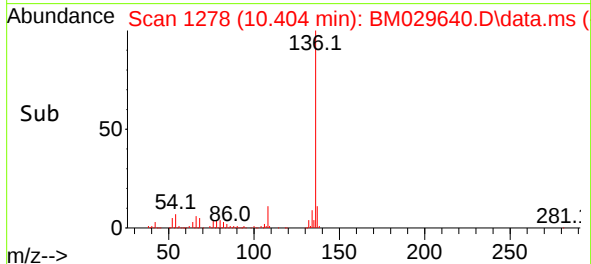
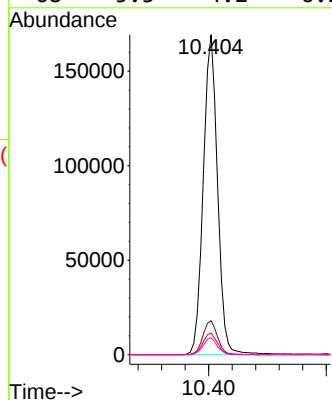
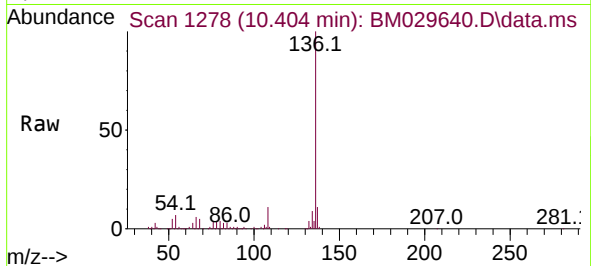




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

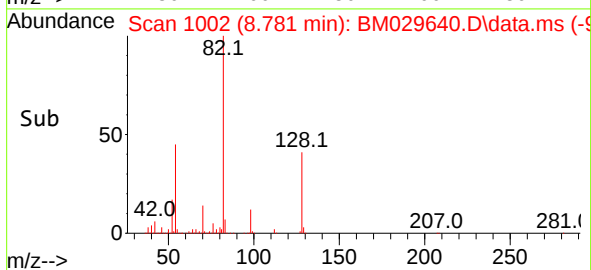
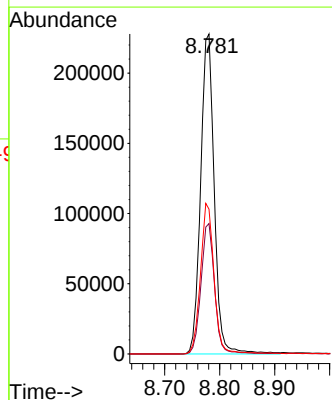
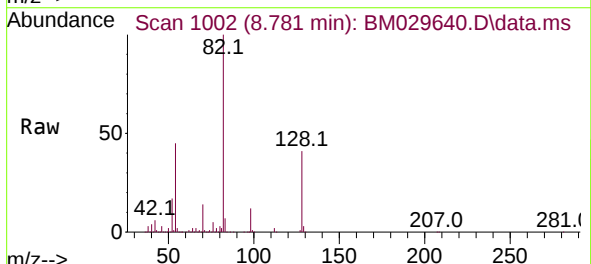
Instrument :
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ClientSampleId :
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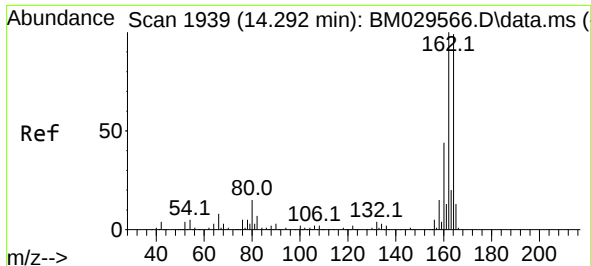
Tgt Ion:	136	Resp:	284490
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.4	12.6
54	6.7	5.5	8.3
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 71.19 ng
RT: 8.781 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:	82	Resp:	393215
Ion Ratio	Lower	Upper	
82	100		
128	40.7	31.1	46.7
54	45.3	37.3	55.9

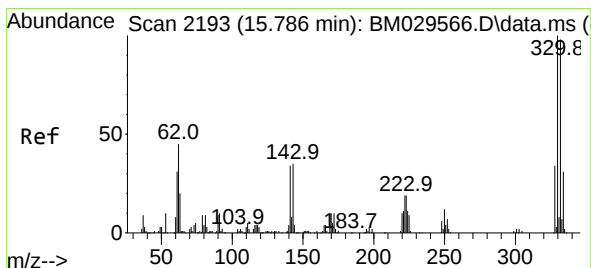
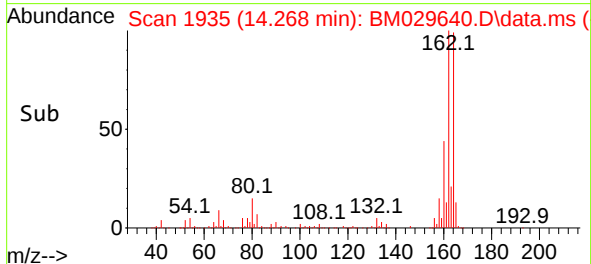
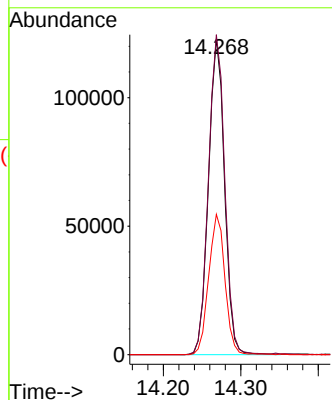
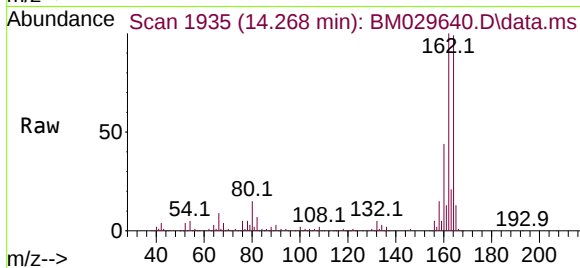




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

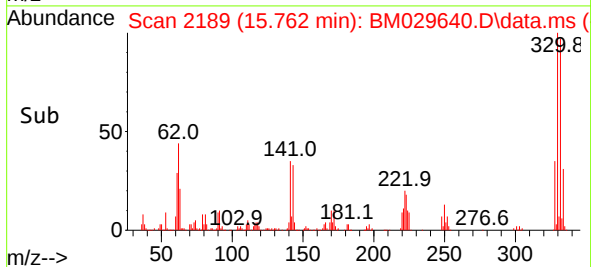
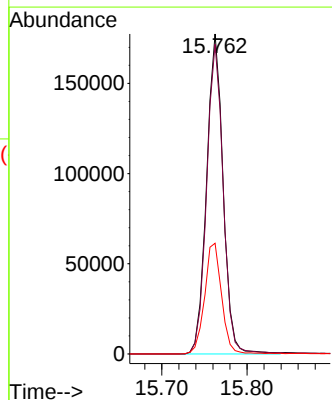
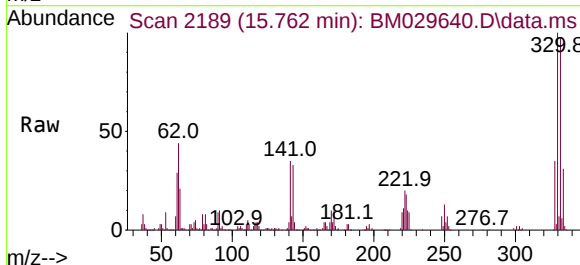
Instrument :
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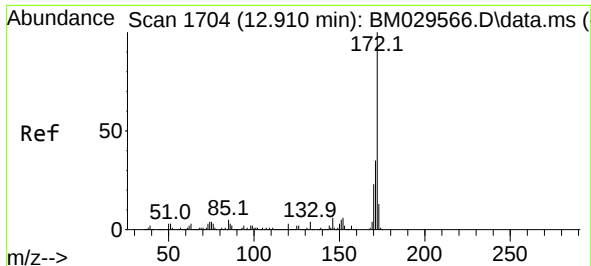
Tgt Ion:164 Resp: 176647
Ion Ratio Lower Upper
164 100
162 101.3 83.4 125.0
160 44.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 97.90 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:330 Resp: 239162
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 35.7 30.2 45.2

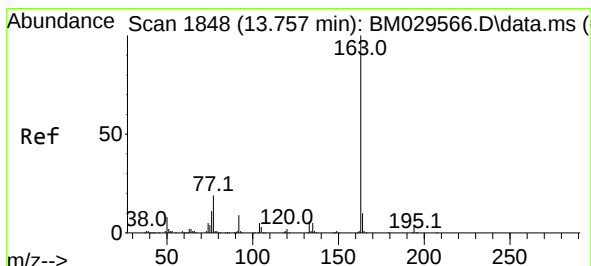
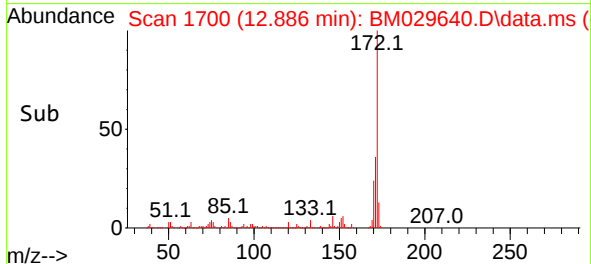
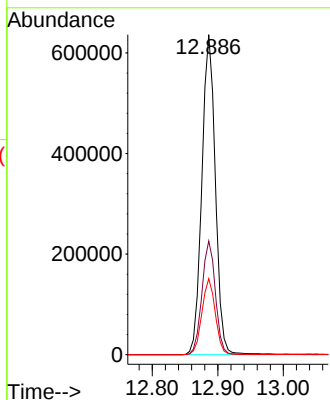
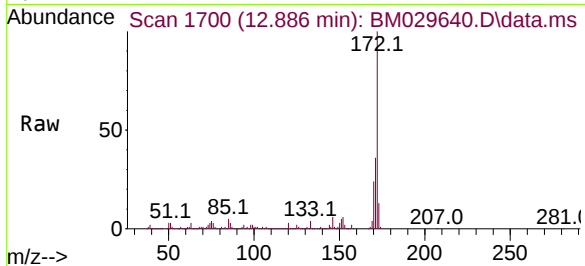




#45
2-Fluorobiphenyl
Concen: 70.40 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

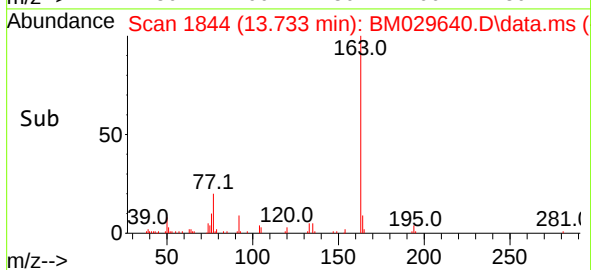
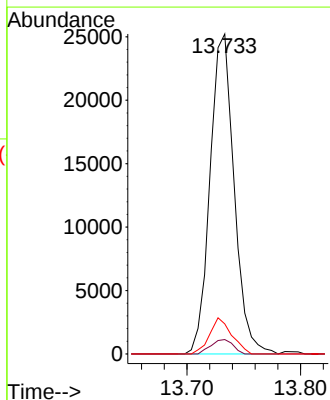
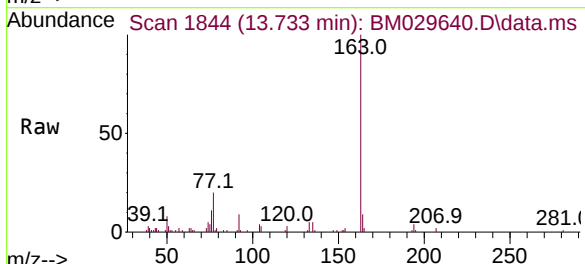
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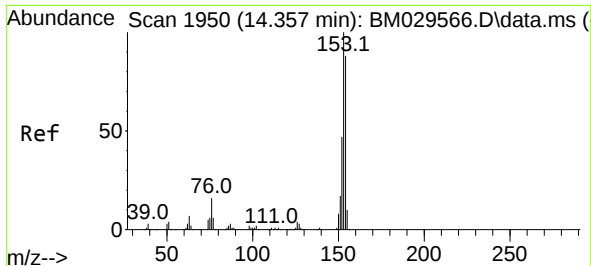
Tgt Ion:172	Resp:	916206
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.6 43.0
170	23.7	18.4 27.6



#50
Dimethylphthalate
Concen: 2.79 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:163	Resp:	37237
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.3 4.9
164	9.4	7.9 11.9

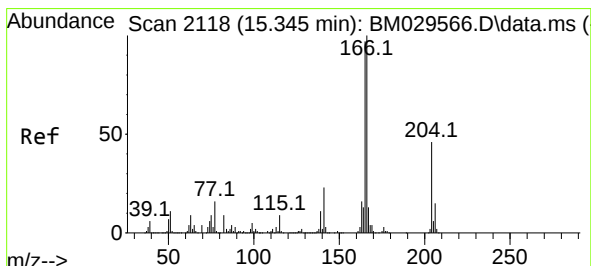
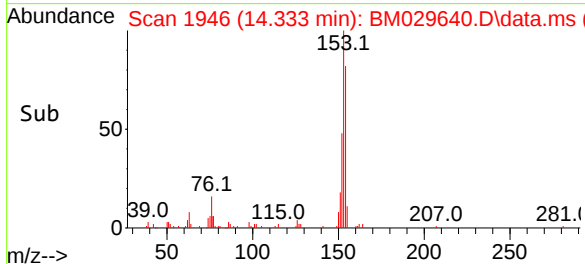
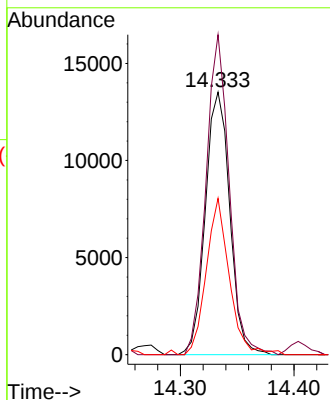
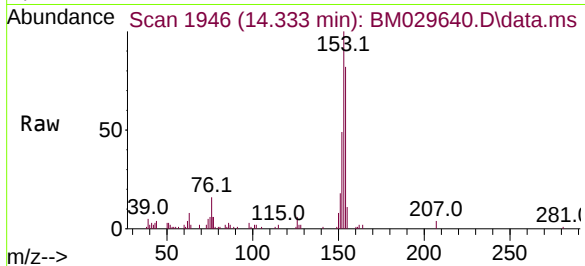




#52
Acenaphthene
Concen: 2.04 ng
RT: 14.333 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

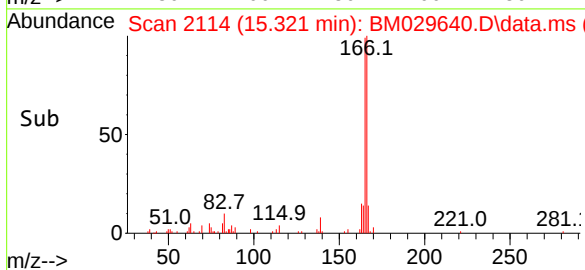
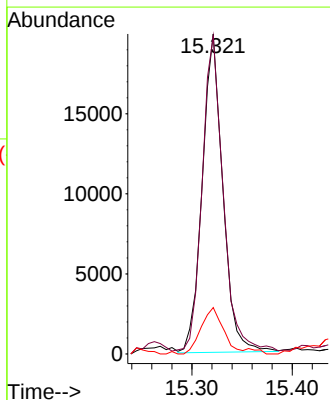
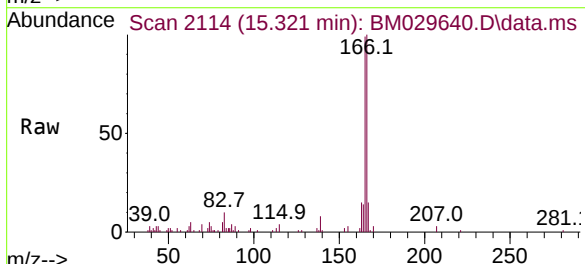
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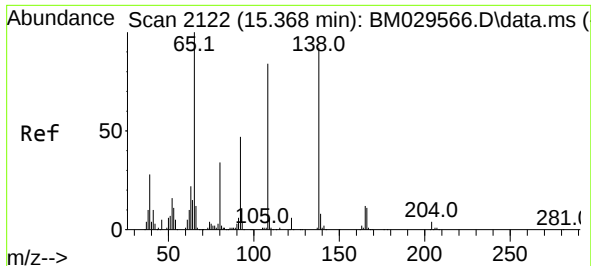
Tgt Ion:154 Resp: 20233
Ion Ratio Lower Upper
154 100
153 121.8 92.2 138.2
152 59.5 43.4 65.2



#58
Fluorene
Concen: 2.02 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:166 Resp: 28488
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 14.5 10.8 16.2

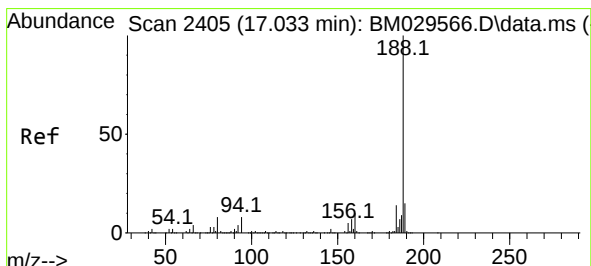
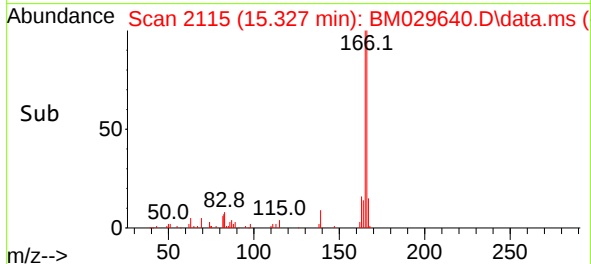
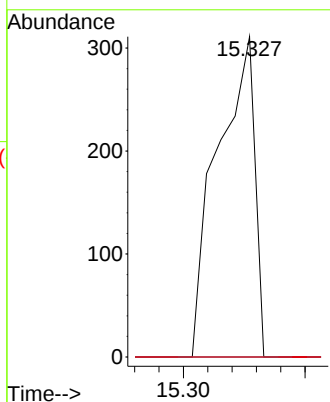
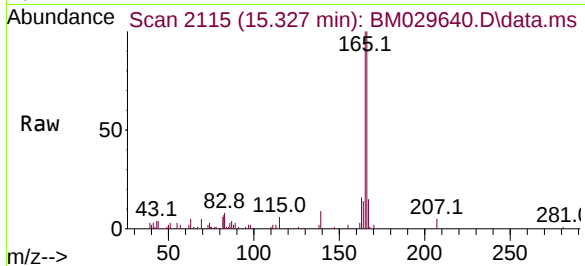




#62
4-Nitroaniline
Concen: 3.56 ng
RT: 15.327 min Scan# 2115
Delta R.T. -0.030 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

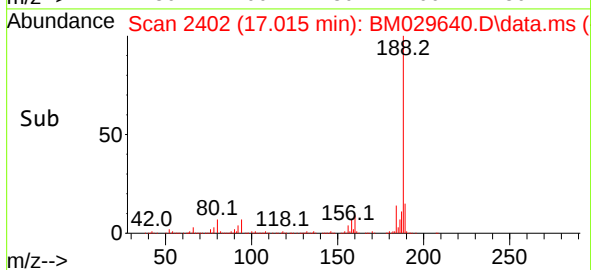
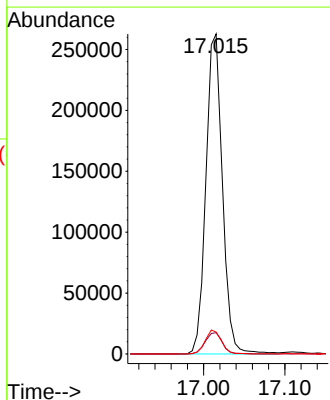
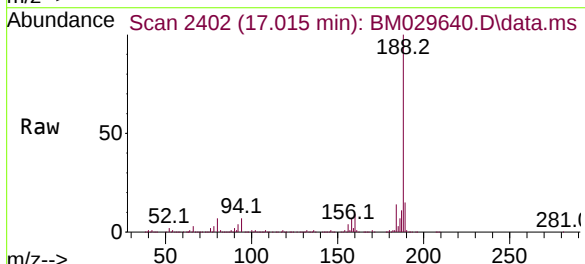
Instrument :
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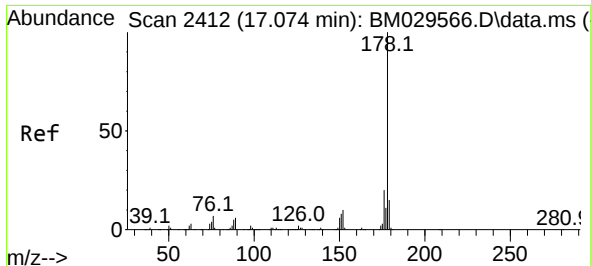
Tgt Ion:138 Resp: 330
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:188 Resp: 370731
Ion Ratio Lower Upper
188 100
94 6.7 6.0 9.0
80 6.8 6.6 9.8

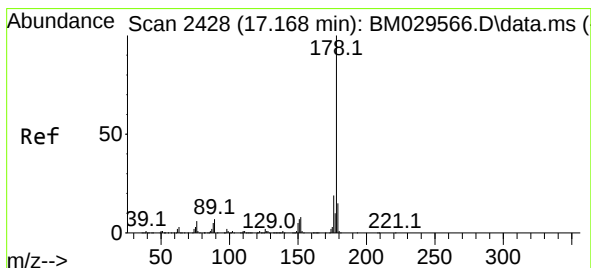
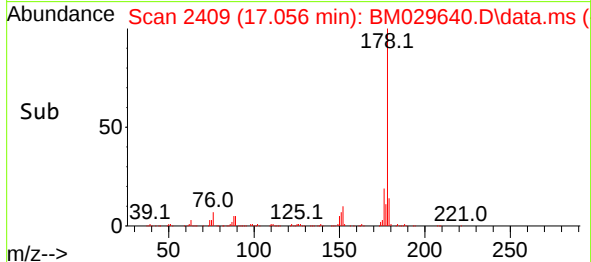
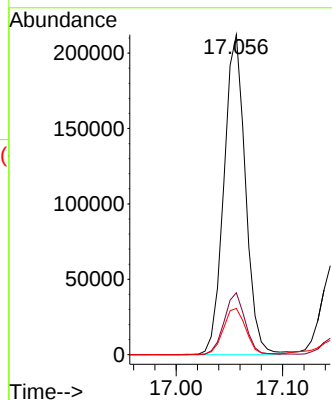
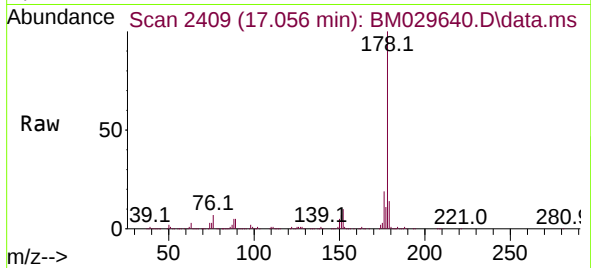




#71
Phenanthrene
Concen: 13.91 ng
RT: 17.056 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

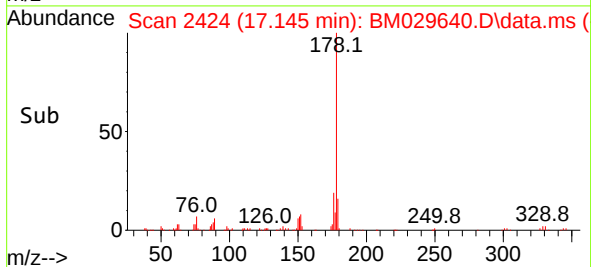
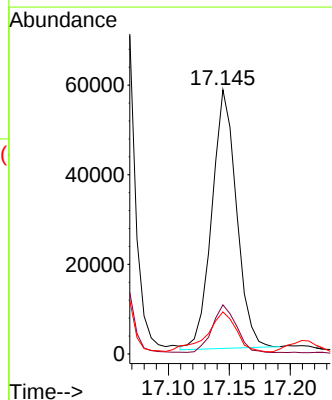
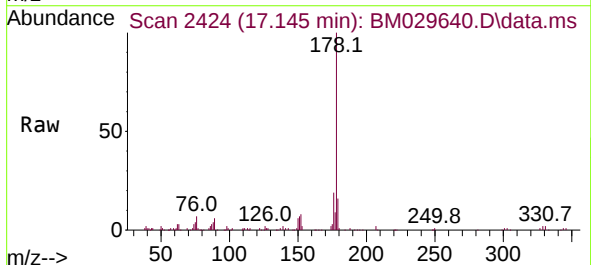
Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

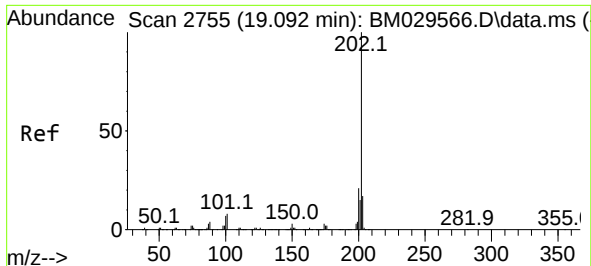
Tgt Ion:178 Resp: 296868
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 14.5 12.2 18.4



#72
Anthracene
Concen: 3.86 ng
RT: 17.145 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:178 Resp: 81249
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.9 12.5 18.7

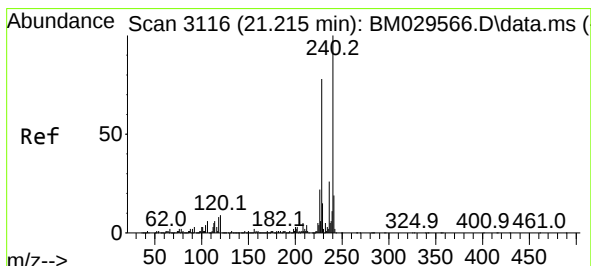
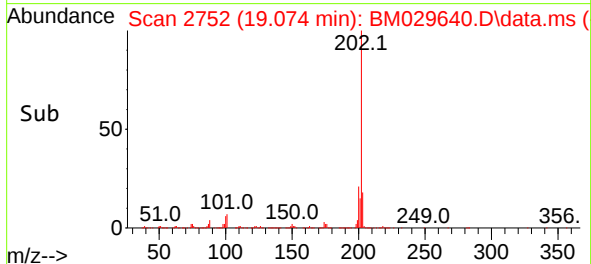
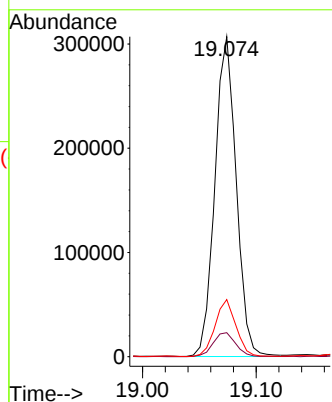
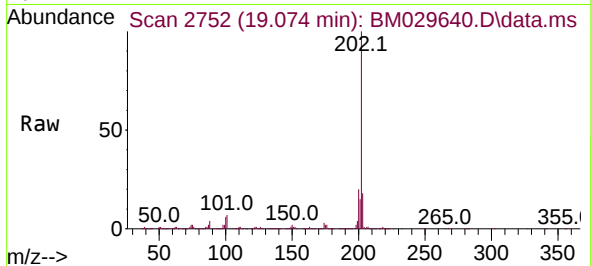




#75
Fluoranthene
Concen: 15.51 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

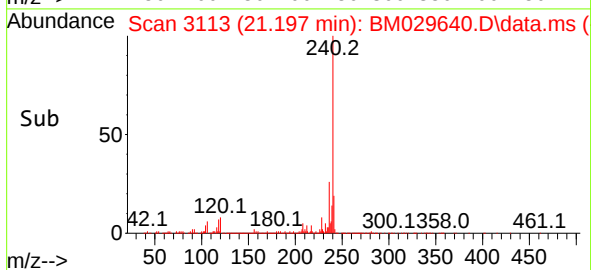
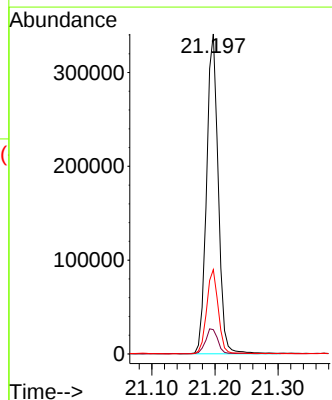
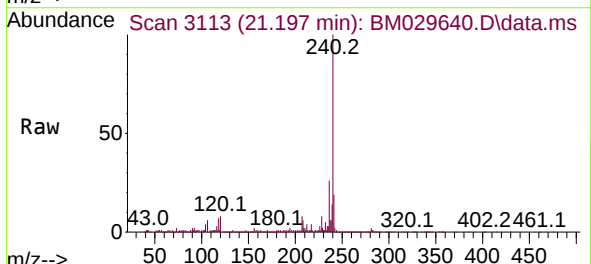
Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

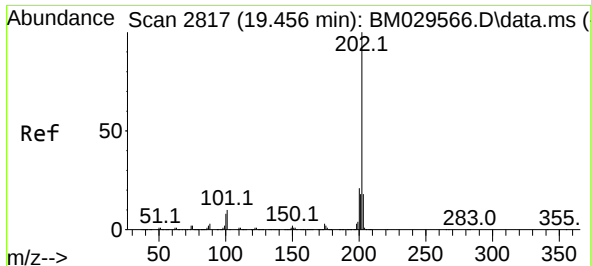
Tgt Ion:202	Resp:	401395
Ion Ratio	Lower	Upper
202	100	
101	7.5	0.0 28.6
203	17.9	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:240	Resp:	436039
Ion Ratio	Lower	Upper
240	100	
120	7.6	7.0 10.6
236	26.4	21.0 31.4



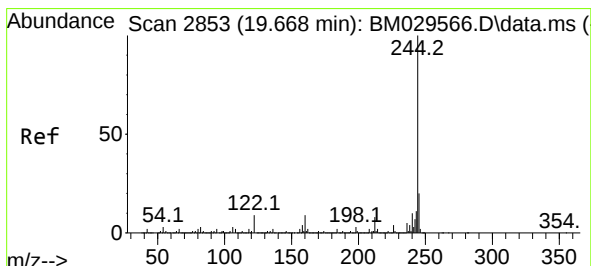
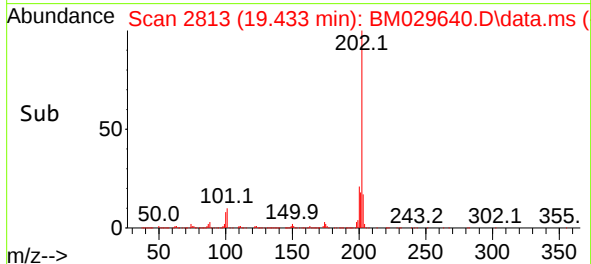
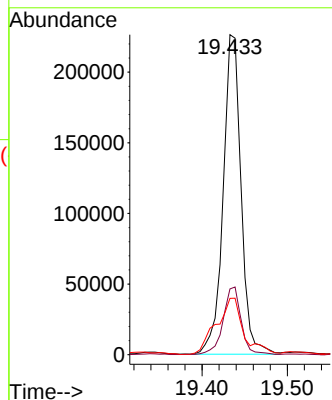
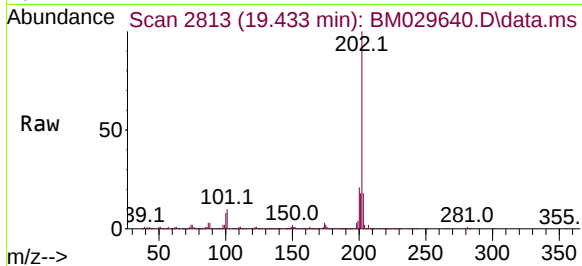


#78
Pyrene
Concen: 11.81 ng
RT: 19.433 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

Tgt Ion:202 Resp: 331301

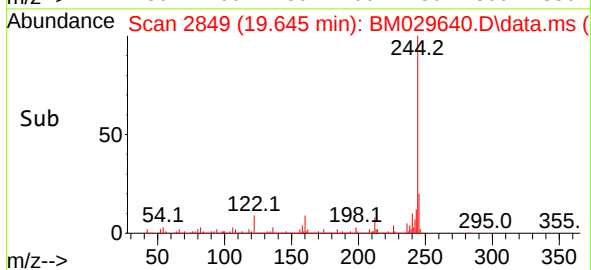
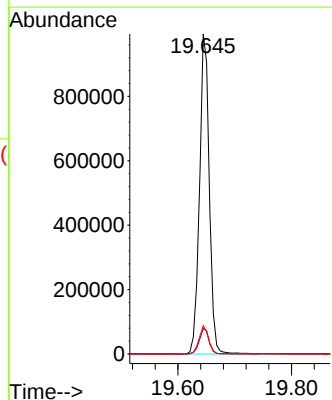
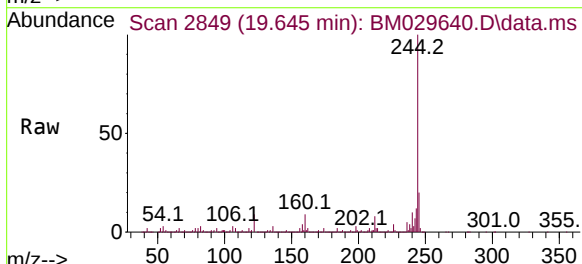
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.3	25.9
203	17.6	13.9	20.9

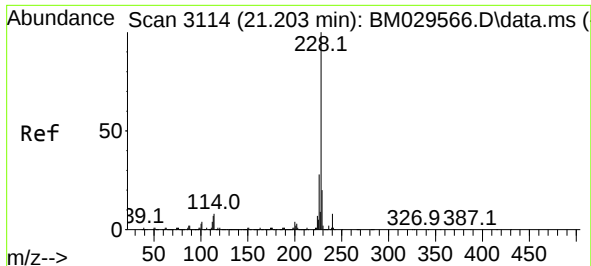


#79
Terphenyl-d14
Concen: 51.86 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:244 Resp: 1192729

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	8.8	6.9	10.3

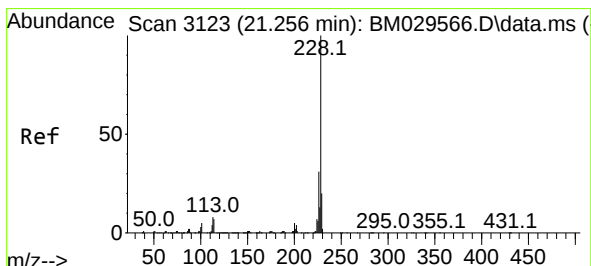
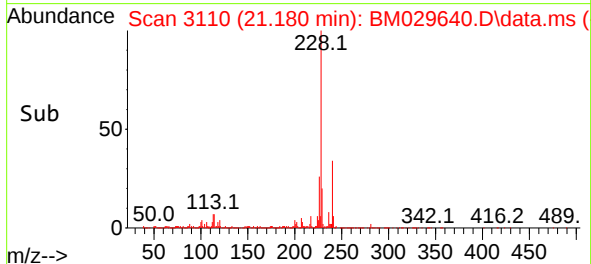
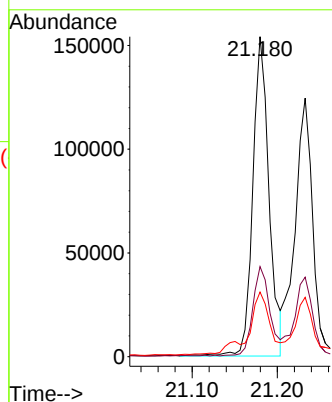
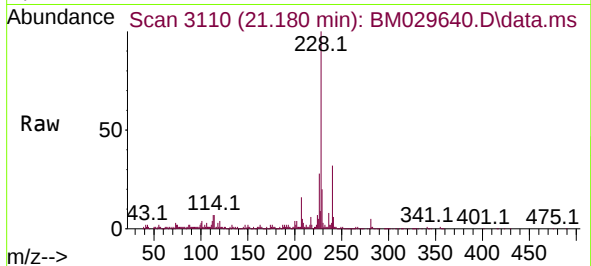




#81
Benzo(a)anthracene
Concen: 7.06 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

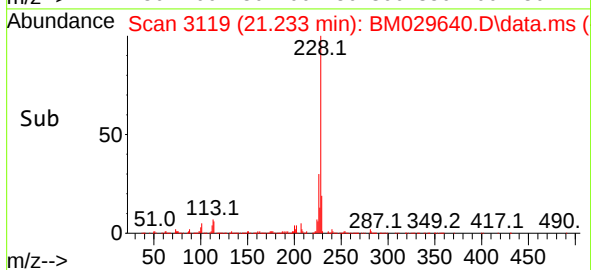
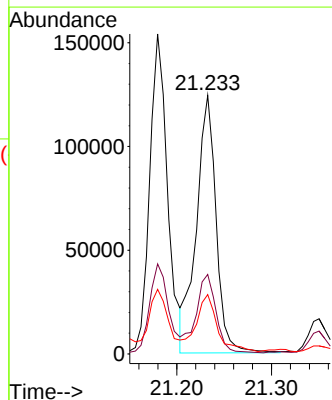
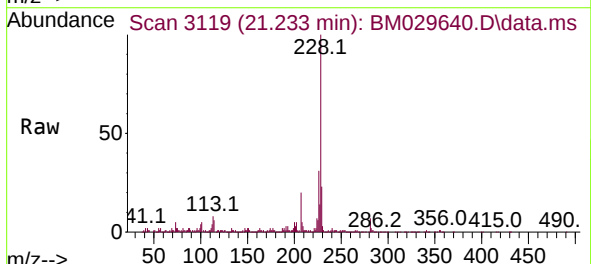
Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

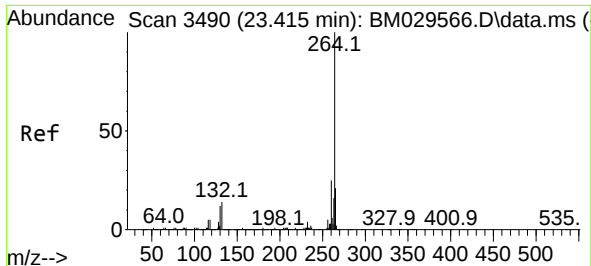
Tgt Ion:228 Resp: 203589
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.2 15.7 23.5



#83
Chrysene
Concen: 6.36 ng
RT: 21.233 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:228 Resp: 180375
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 23.0 15.5 23.3

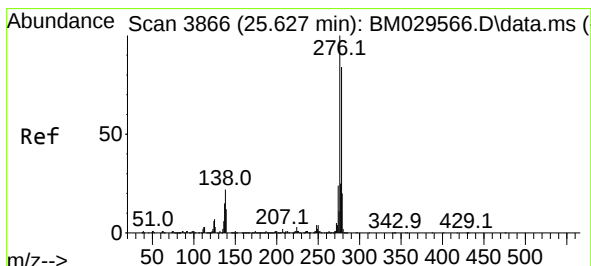
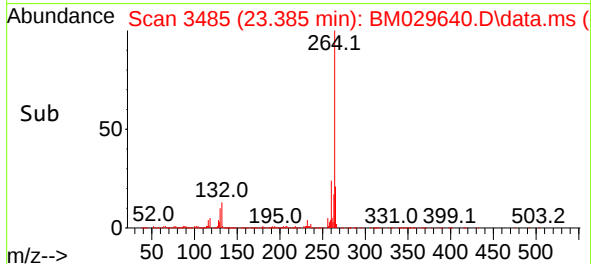
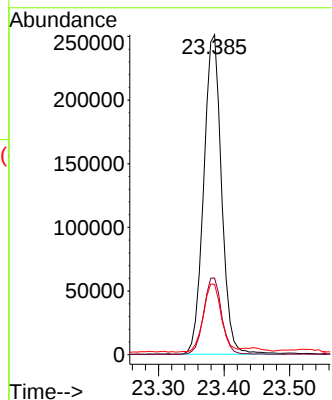
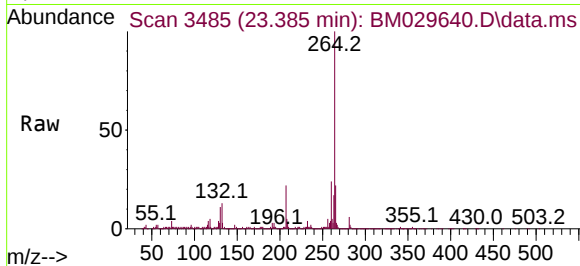




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.385 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

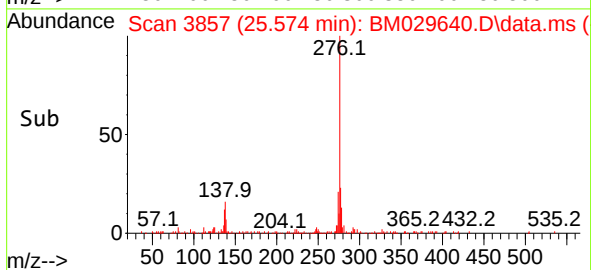
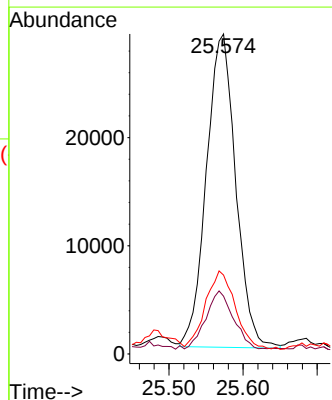
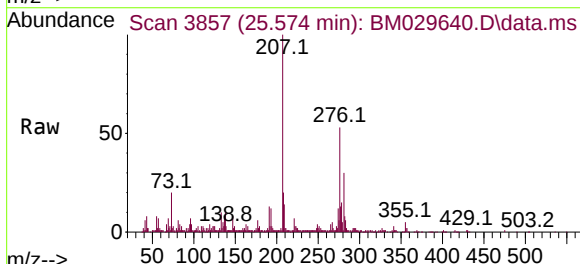
Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

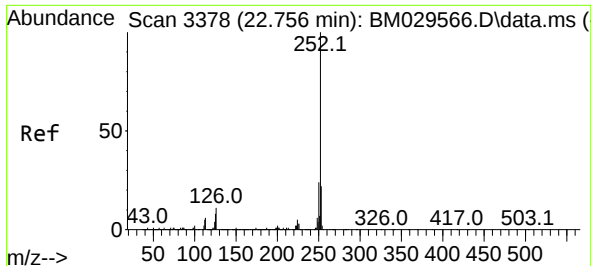
Tgt Ion:264 Resp: 474973
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.8
265 21.9 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng
RT: 25.574 min Scan# 3857
Delta R.T. -0.024 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:276 Resp: 79654
Ion Ratio Lower Upper
276 100
138 17.5 17.1 25.7
277 25.0 20.3 30.5

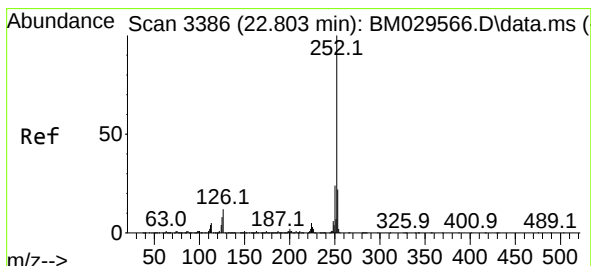
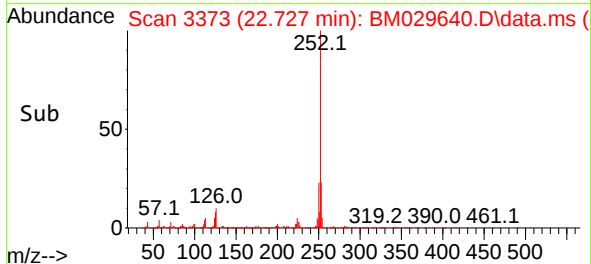
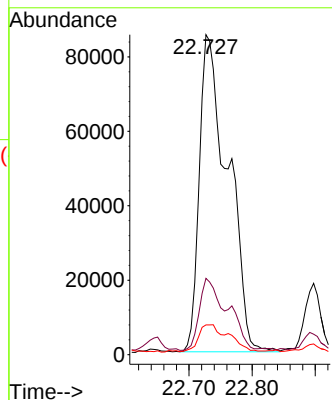
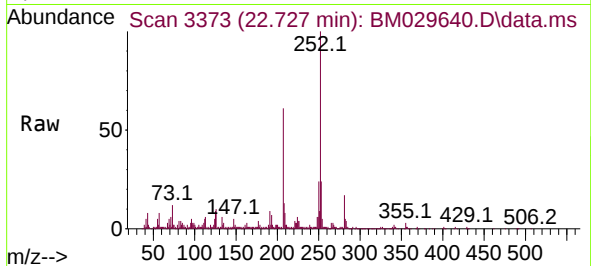




#88
Benzo(b)fluoranthene
Concen: 8.63 ng
RT: 22.727 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

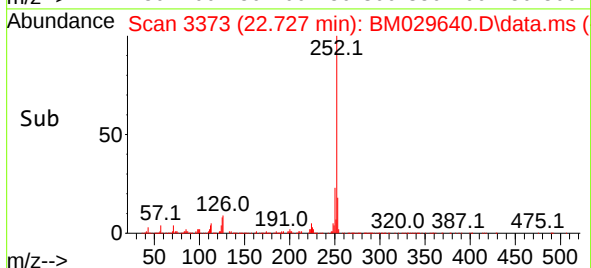
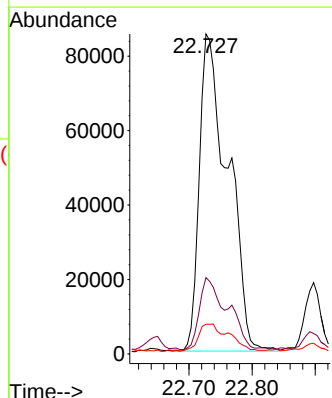
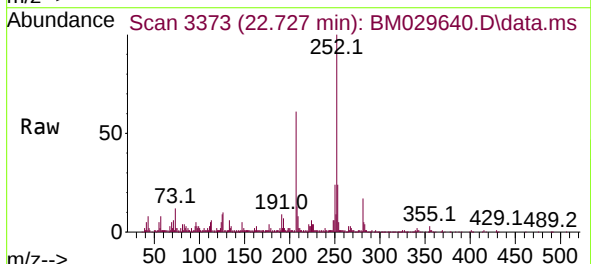
Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

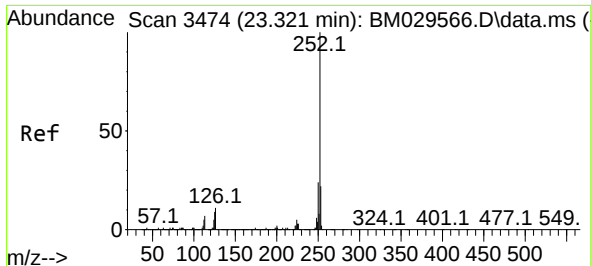
Tgt Ion:252 Resp: 267171
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 9.3 6.8 10.2



#89
Benzo(k)fluoranthene
Concen: 8.61 ng
RT: 22.727 min Scan# 3373
Delta R.T. -0.059 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:252 Resp: 267171
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 9.3 6.2 9.2#

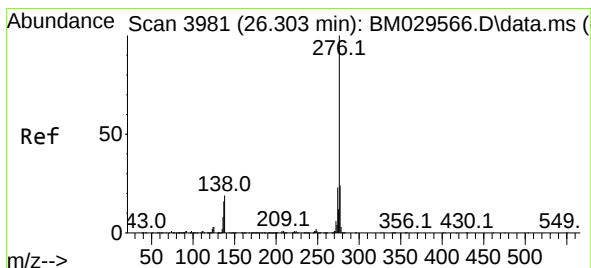
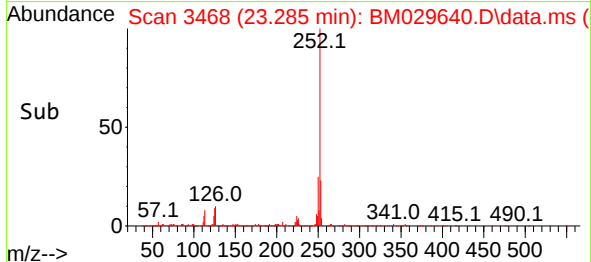
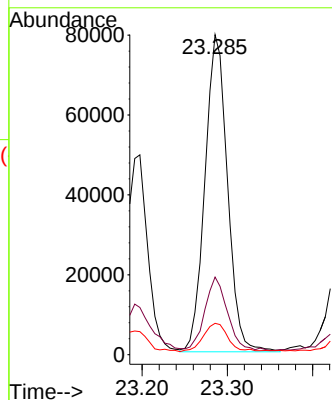
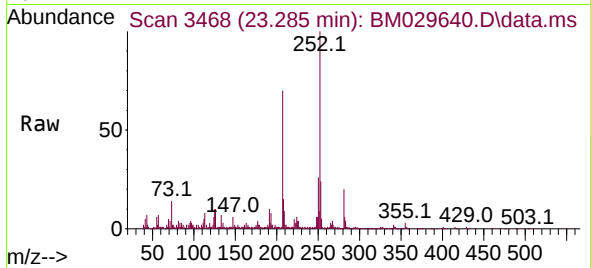




#90
Benzo(a)pyrene
Concen: 5.02 ng
RT: 23.285 min Scan# 3468
Delta R.T. -0.012 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Instrument :
BNA_M
ClientSampleId :
TP-18-17-COMP

Tgt Ion:252 Resp: 146028
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 9.8 7.3 10.9



#92
Benzo(g,h,i)perylene
Concen: 2.53 ng
RT: 26.232 min Scan# 3969
Delta R.T. -0.036 min
Lab File: BM029640.D
Acq: 24 Apr 2021 16:43

Tgt Ion:276 Resp: 74081
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.2
138 16.5 14.4 21.6

