

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029526.D
 Acq On : 16 Apr 2021 17:44
 Operator : CG/JU
 Sample : M2050-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

Manual Integrations
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Quant Time: Apr 16 23:19:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	86638	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	334170	20.00	ng	0.00
39) Acenaphthene-d10	14.310	164	186585	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	373675	20.00	ng	0.00
76) Chrysene-d12	21.233	240	370080	20.00	ng	0.00
86) Perylene-d12	23.444	264	386330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	426844	81.35	ng	0.00
7) Phenol-d6	6.845	99	562652	75.95	ng	0.00
23) Nitrobenzene-d5	8.822	82	413923	56.79	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	157686	84.55	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	675865	50.46	ng	0.00
79) Terphenyl-d14	19.686	244	850810	43.67	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.869	94	17217	2.36	ng	82
50) Dimethylphthalate	13.769	163	50067	3.72	ng	99
52) Acenaphthene	14.374	154	24997	2.32	ng	95
58) Fluorene	15.363	166	30686	2.21	ng	94
71) Phenanthrene	17.098	178	506672	23.45	ng	99
72) Anthracene	17.186	178	118005	5.53	ng	99
73) Carbazole	17.457	167	42611	2.04	ng	96
75) Fluoranthene	19.115	202	732788	30.44	ng	99
78) Pyrene	19.474	202	670223	26.06	ng	99
81) Benzo(a)anthracene	21.221	228	386177	15.64	ng	96
83) Chrysene	21.274	228	341482	14.12	ng	97
87) Indeno(1,2,3-cd)pyrene	25.662	276	258853	9.09	ng	97
88) Benzo(b)fluoranthene	22.786	252	499865m	19.70	ng	
89) Benzo(k)fluoranthene	22.821	252	136812m	5.64	ng	
90) Benzo(a)pyrene	23.350	252	379367	16.35	ng	97
91) Dibenzo(a,h)anthracene	25.662	278	70906m	2.90	ng	
92) Benzo(g,h,i)perylene	26.338	276	245580	10.42	ng	96

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

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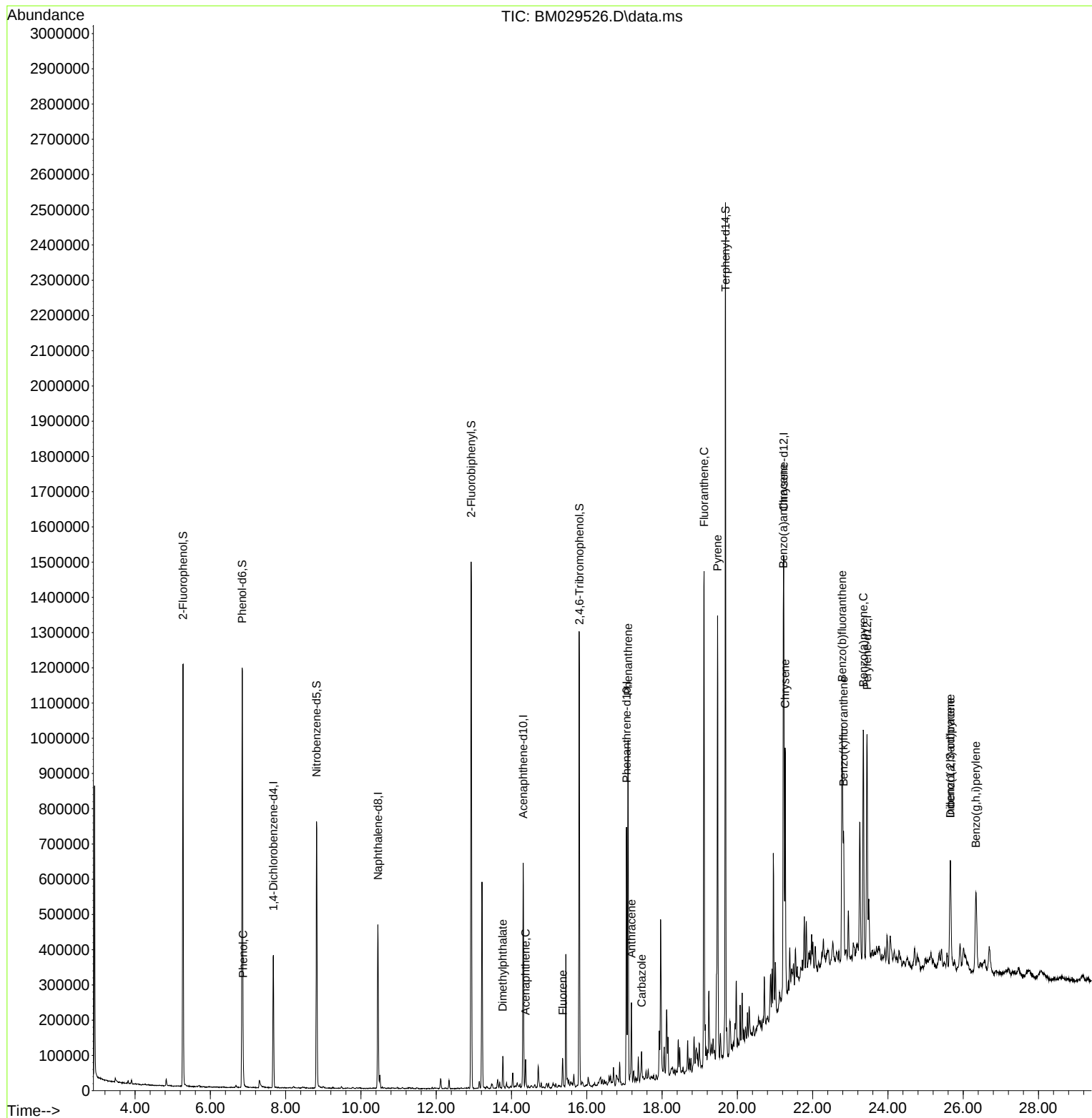
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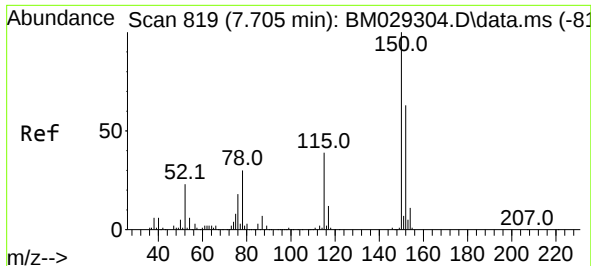
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

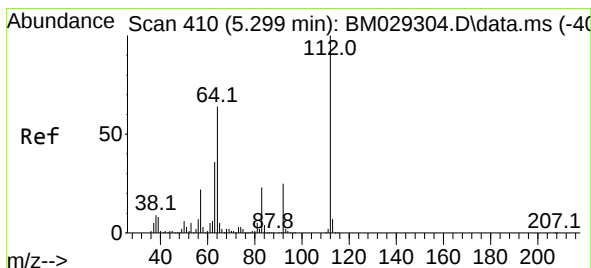
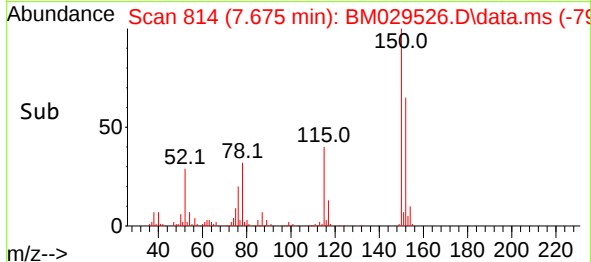
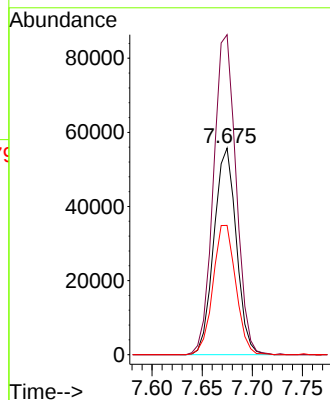
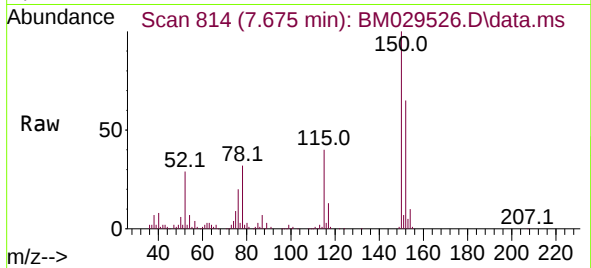
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.3	186.5
115	62.6	46.4	69.6

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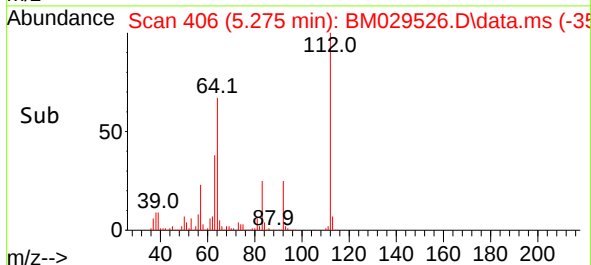
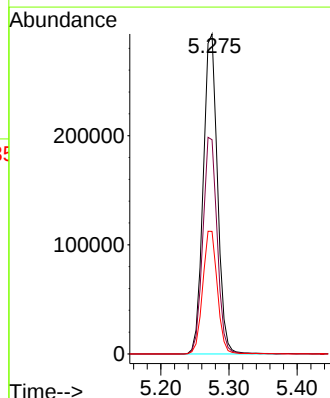
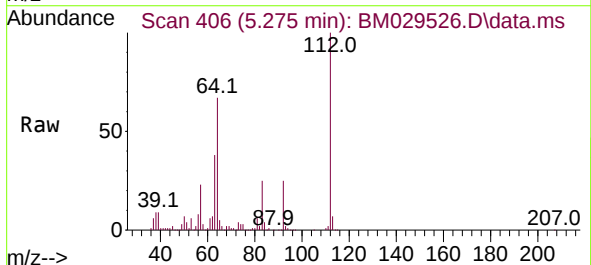
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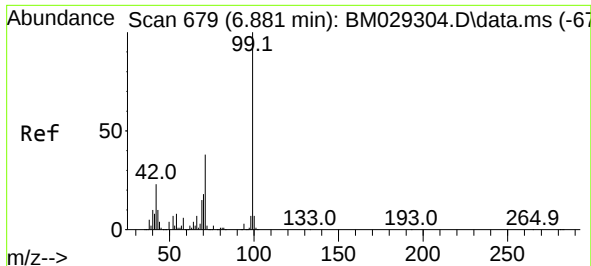
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#5
2-Fluorophenol
Concen: 81.35 ng
RT: 5.275 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM029526.D
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	51.6	77.4
63	38.3	29.0	43.4





#7
Phenol-d6
Concen: 75.95 ng
RT: 6.845 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

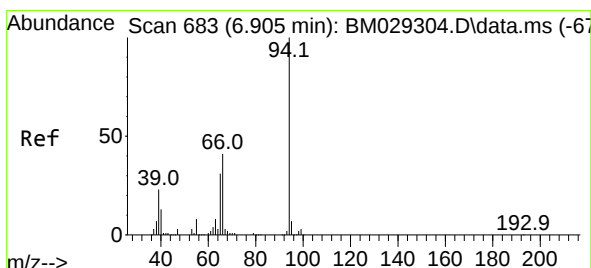
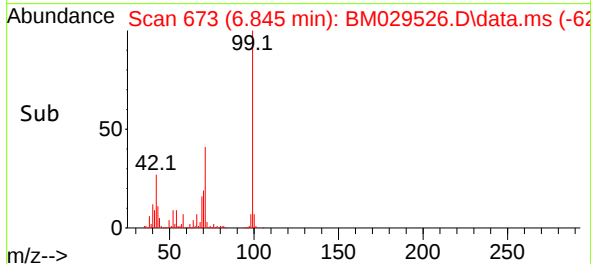
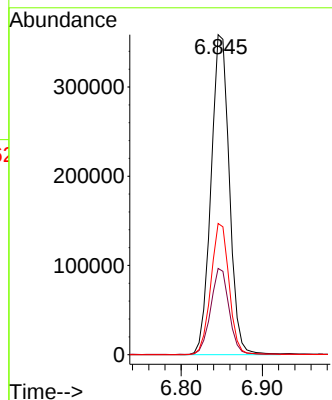
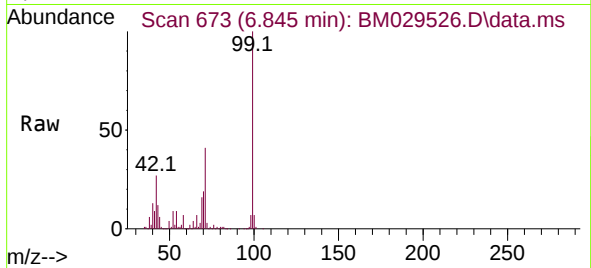
Tgt Ion: 99 Resp: 562652
Ion Ratio Lower Upper
99 100
42 27.0 18.5 27.7
71 41.0 31.8 47.6

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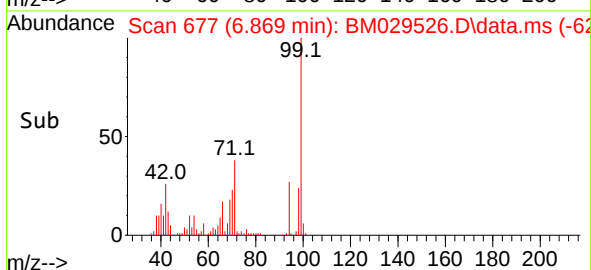
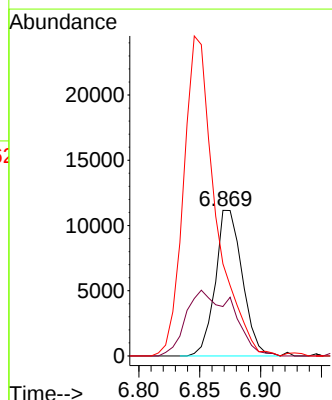
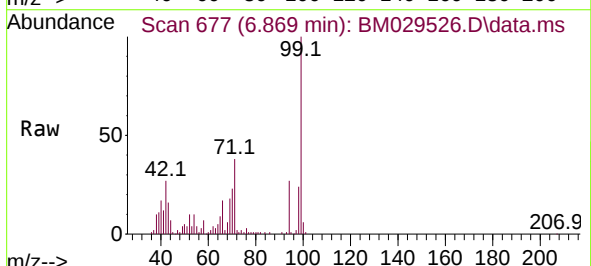
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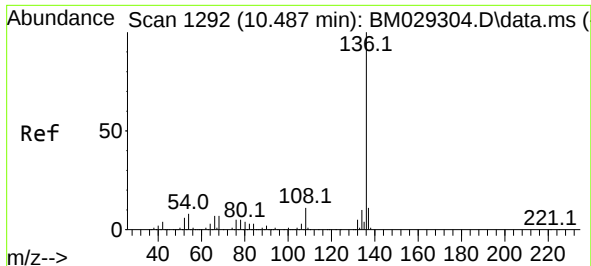
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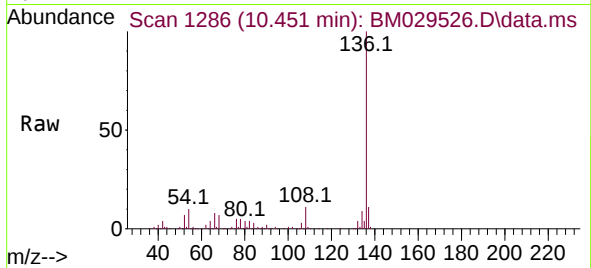
#10
Phenol
Concen: 2.36 ng
RT: 6.869 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

Tgt Ion: 94 Resp: 17217
Ion Ratio Lower Upper
94 100
65 34.0 13.0 53.0
66 63.3 24.1 64.1

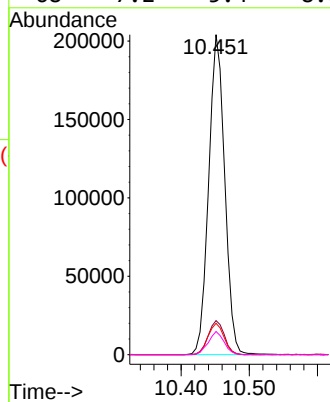
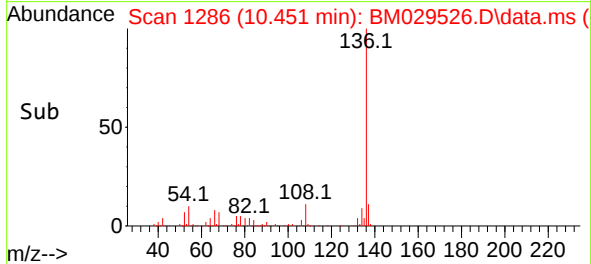




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



Tgt Ion:	136	Resp:	334170
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.3	13.9
54	9.8	6.9	10.3
68	7.2	5.4	8.0

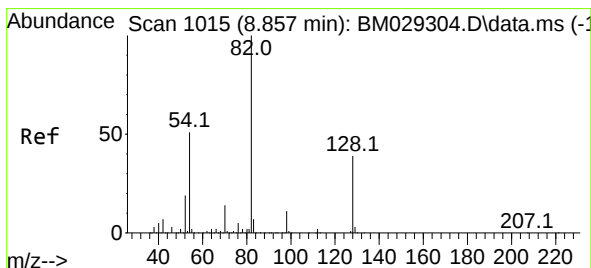


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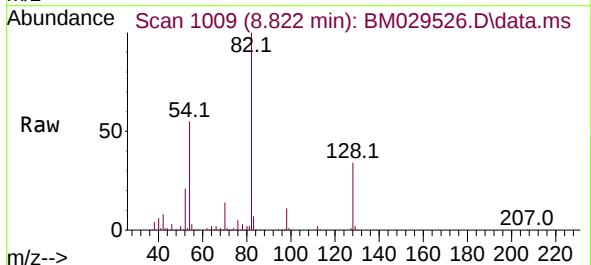
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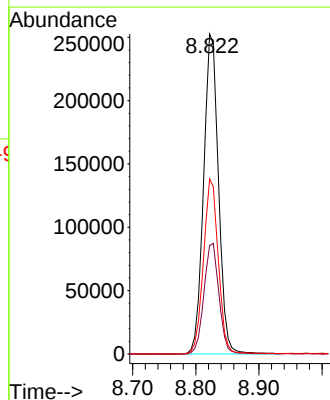
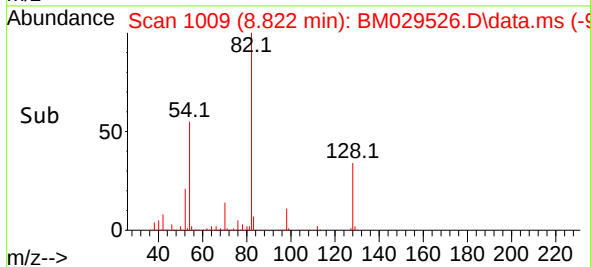
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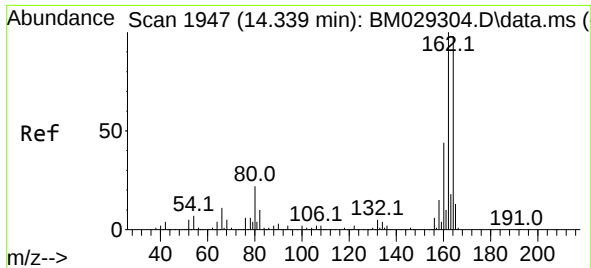


#23
Nitrobenzene-d5
Concen: 56.79 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

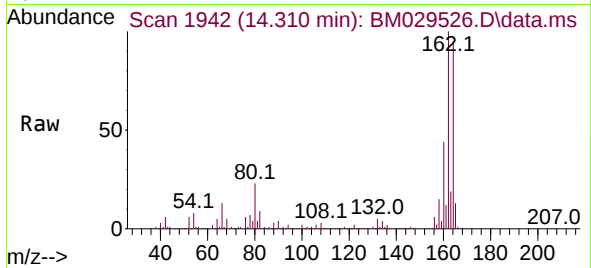


Tgt Ion:	82	Resp:	413923
Ion Ratio	Lower	Upper	
82	100		
128	33.9	28.6	42.8
54	54.7	40.7	61.1

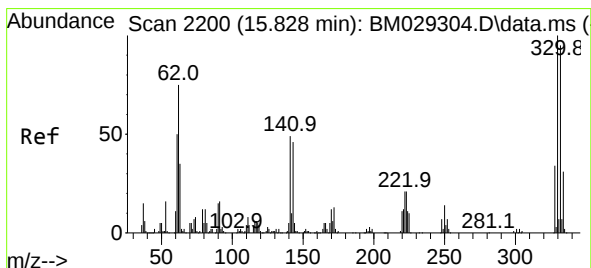
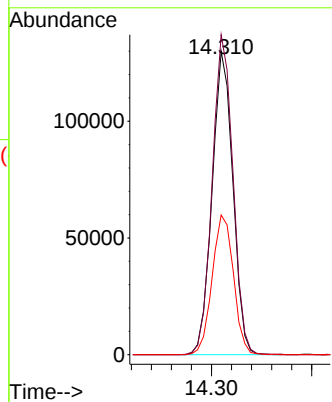
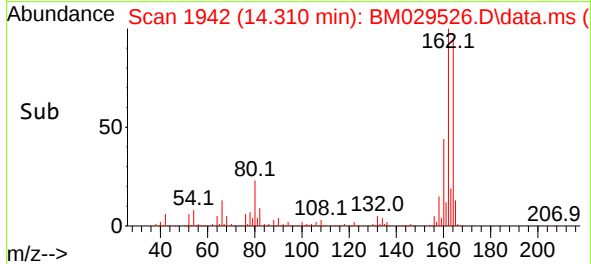




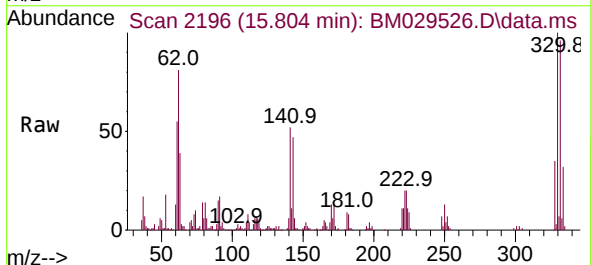
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



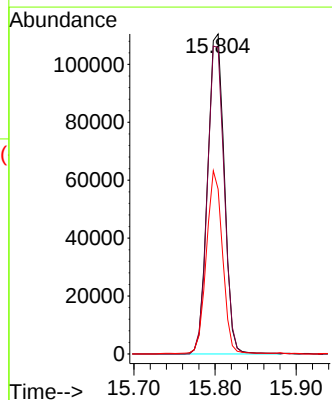
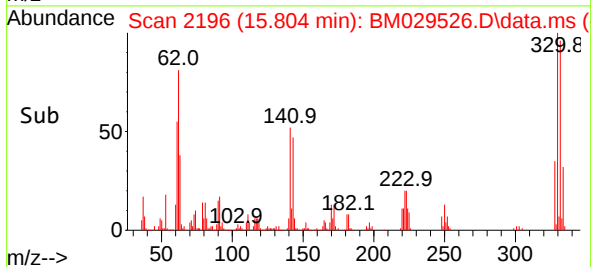
Tgt Ion:164 Resp: 186585
Ion Ratio Lower Upper
164 100
162 105.5 84.4 126.6
160 46.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 84.55 ng
RT: 15.804 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



Tgt Ion:330 Resp: 157686
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 55.5 39.2 58.8

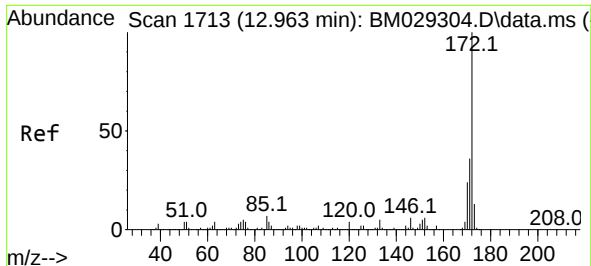


Instrument :
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ClientSampled :
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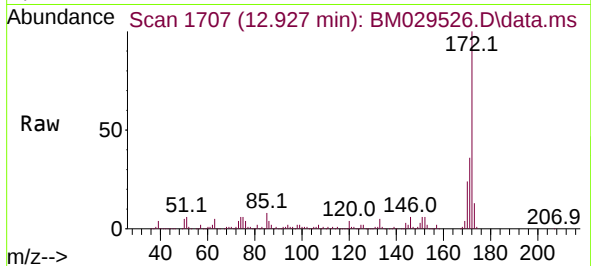
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#45
2-Fluorobiphenyl
Concen: 50.46 ng
RT: 12.927 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

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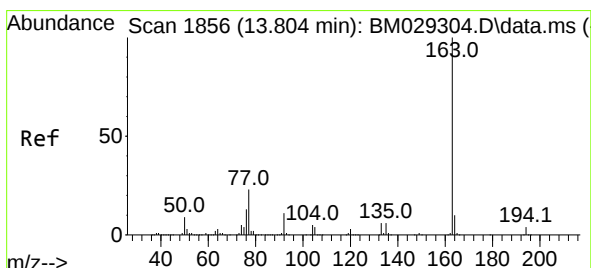
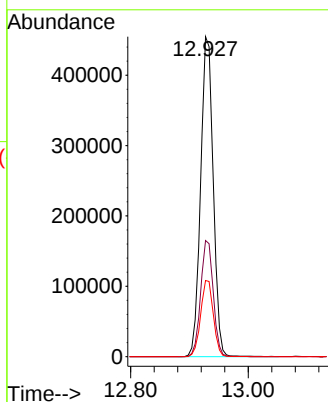
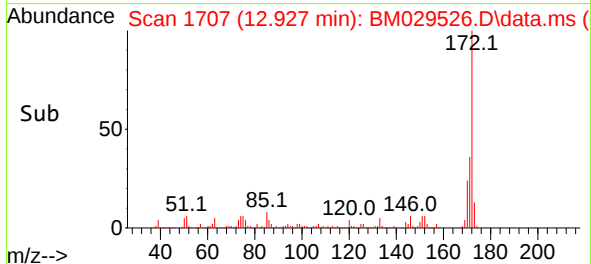


Tgt Ion:172 Resp: 675865
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.8 18.8 28.2

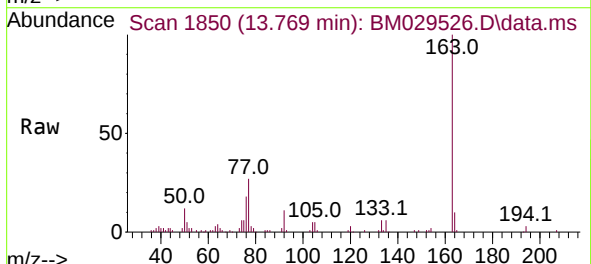
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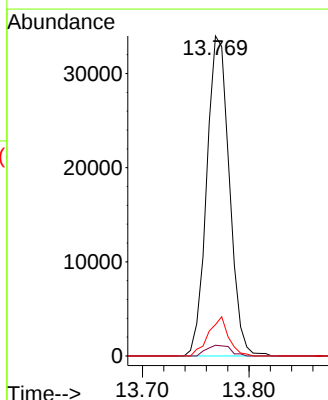
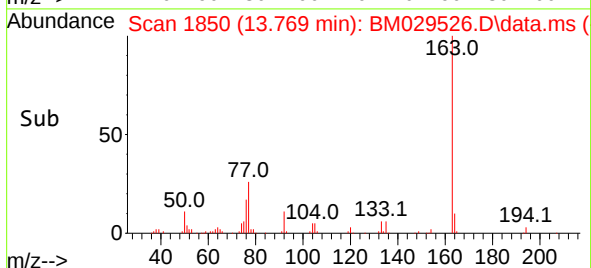
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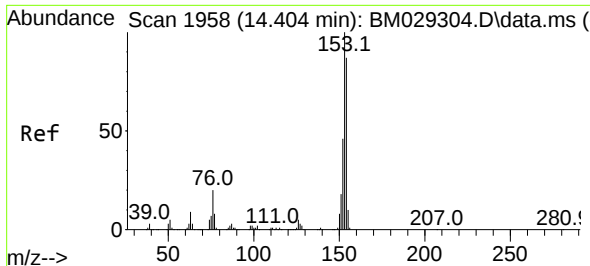


#50
Dimethylphthalate
Concen: 3.72 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

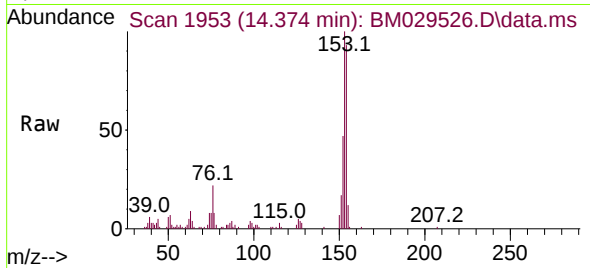


Tgt Ion:163 Resp: 50067
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 9.8 7.9 11.9

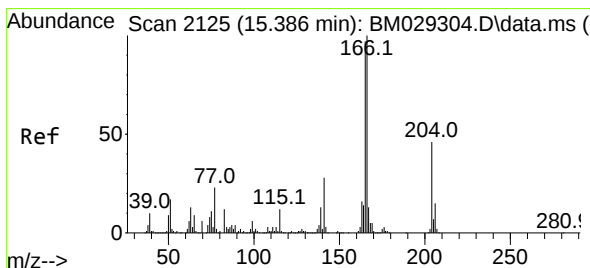
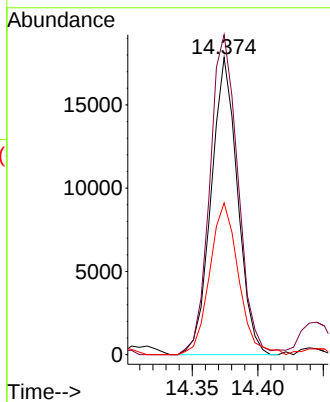
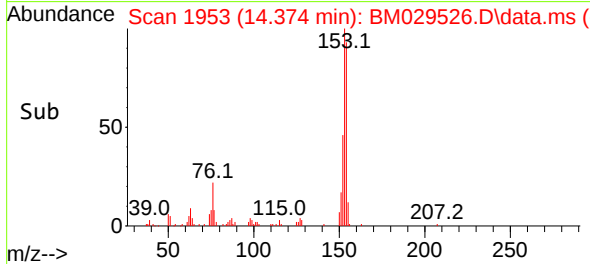




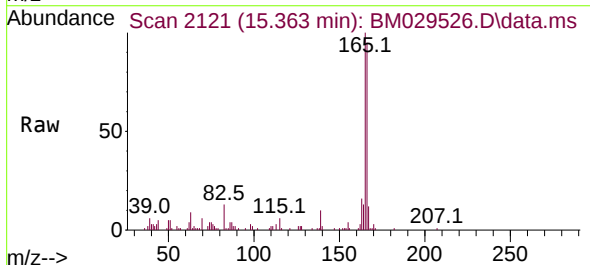
#52
Acenaphthene
Concen: 2.32 ng
RT: 14.374 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



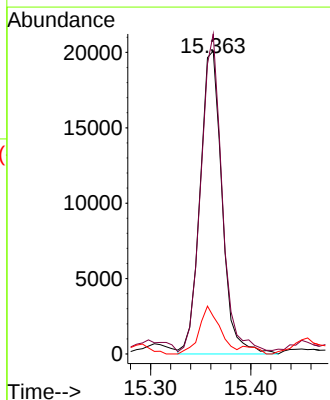
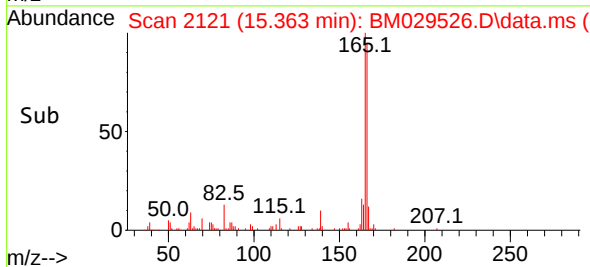
Tgt Ion:154 Resp: 24997
Ion Ratio Lower Upper
154 100
153 107.7 90.5 135.7
152 51.0 43.4 65.2



#58
Fluorene
Concen: 2.21 ng
RT: 15.363 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



Tgt Ion:166 Resp: 30686
Ion Ratio Lower Upper
166 100
165 105.6 79.6 119.4
167 12.4 11.0 16.6

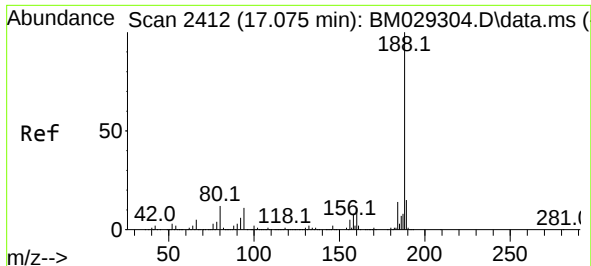


Instrument :
BNA_M
ClientSampleId :
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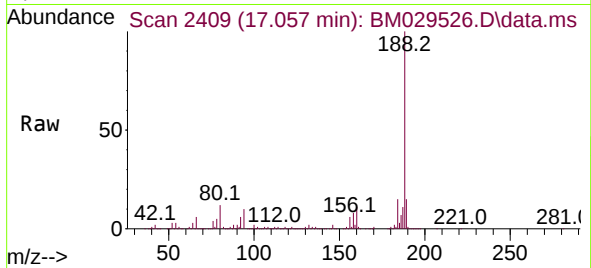
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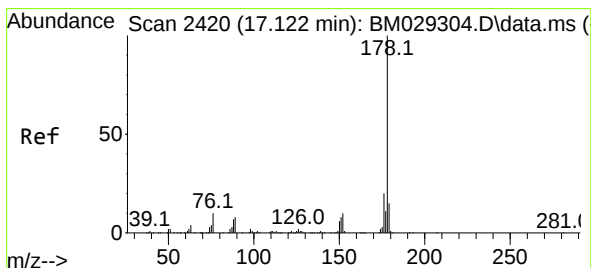
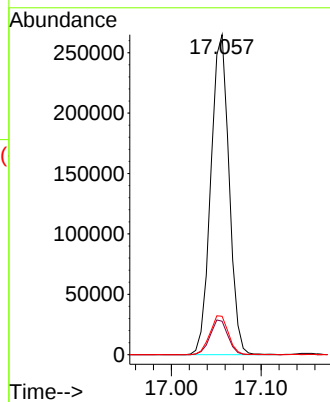
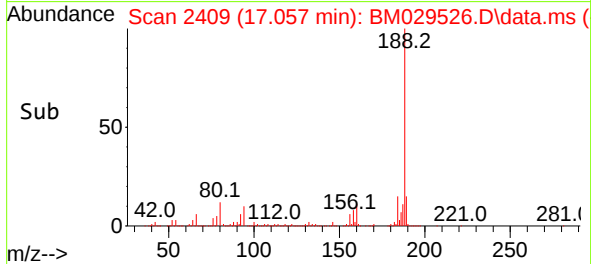
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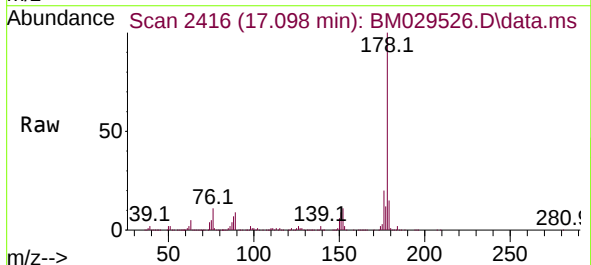
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



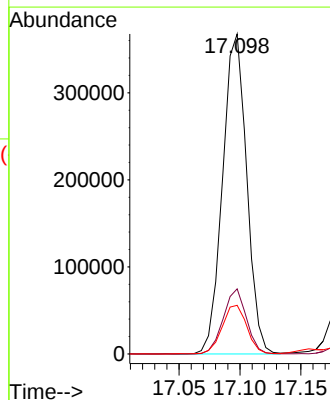
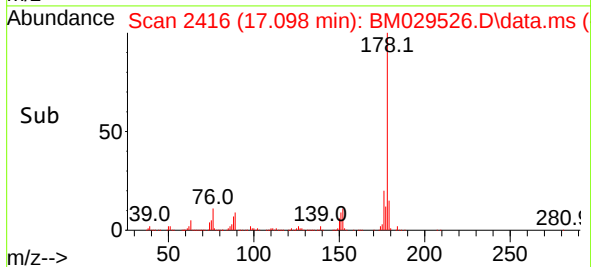
Tgt Ion:188 Resp: 373675
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.0 9.2 13.8



#71
Phenanthrene
Concen: 23.45 ng
RT: 17.098 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



Tgt Ion:178 Resp: 506672
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 15.2 11.9 17.9

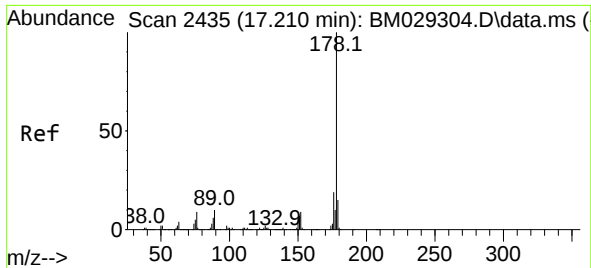


Instrument :
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ClientSampled :
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#72
 Anthracene
 Concen: 5.53 ng
 RT: 17.186 min Scan# 2431
 Delta R.T. -0.006 min
 Lab File: BM029526.D
 Acq: 16 Apr 2021 17:44

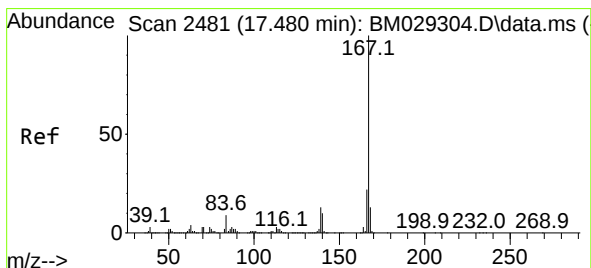
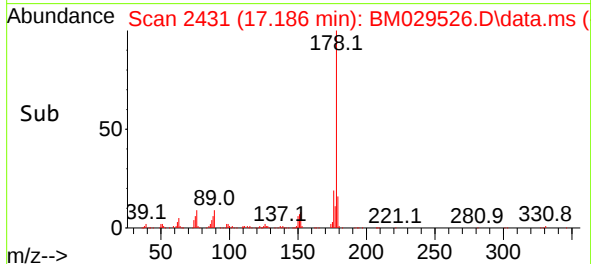
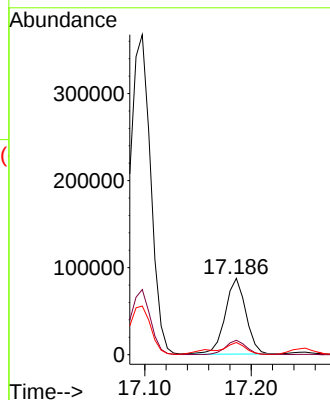
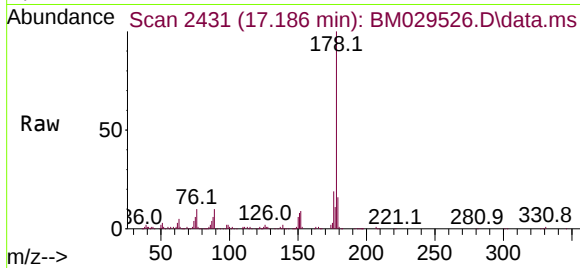
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.9	12.1	18.1

Instrument :
 BNA_M
 ClientSampleId :
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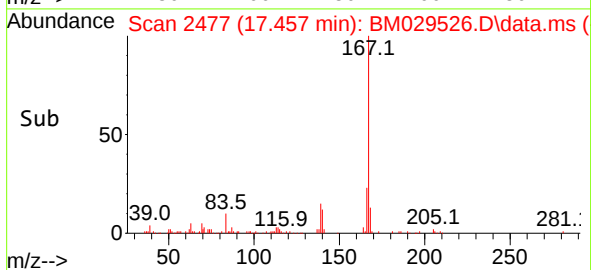
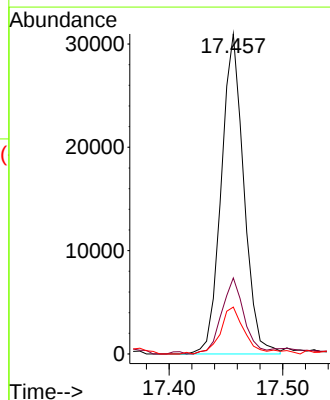
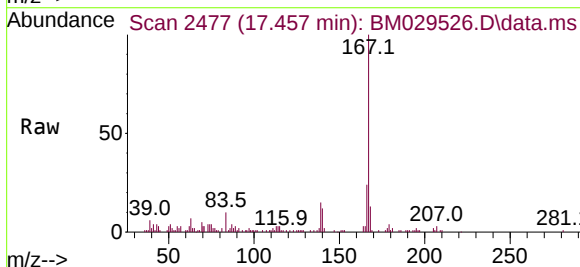
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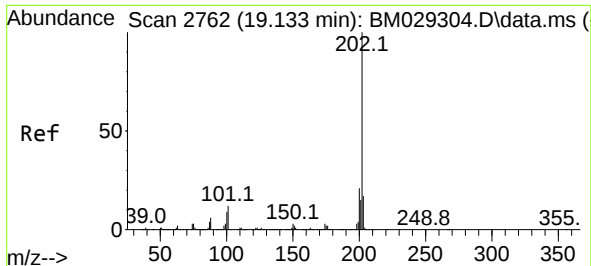
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#73
 Carbazole
 Concen: 2.04 ng
 RT: 17.457 min Scan# 2477
 Delta R.T. -0.000 min
 Lab File: BM029526.D
 Acq: 16 Apr 2021 17:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.5	26.3
139	14.7	10.6	15.8





#75
Fluoranthene
Concen: 30.44 ng
RT: 19.115 min Scan# 2759
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

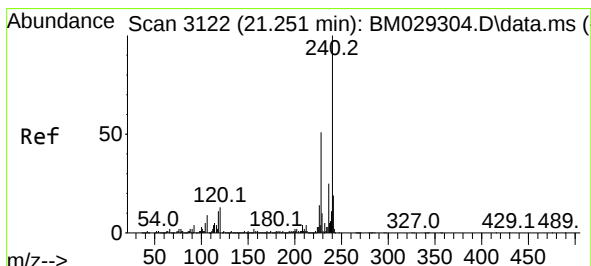
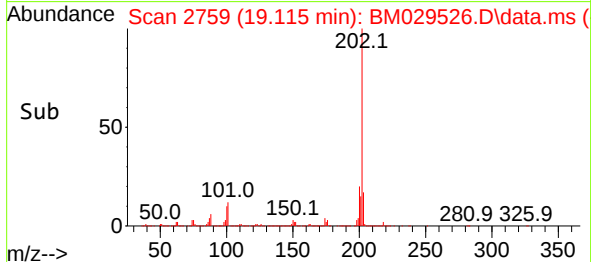
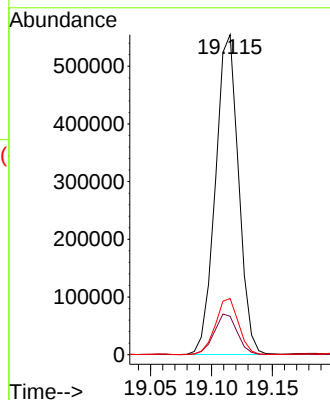
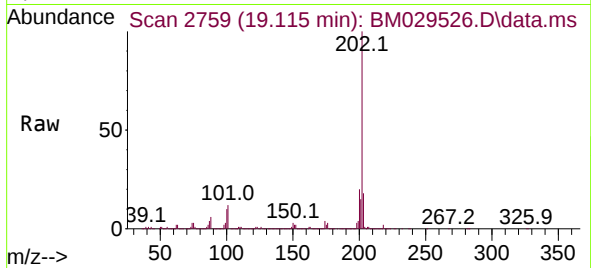
Tgt Ion:202 Resp: 732788
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.5
203 17.5 0.0 37.7

Instrument :
BNA_M
ClientSampleId :
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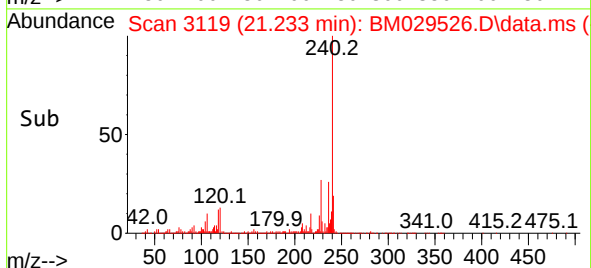
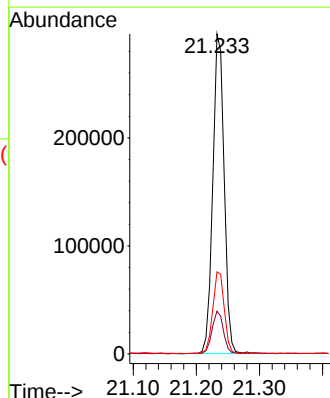
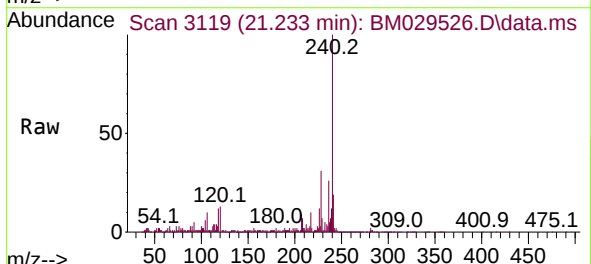
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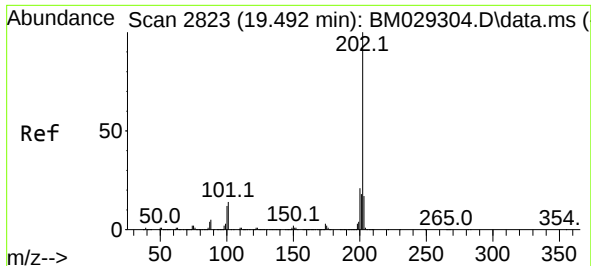
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

Tgt Ion:240 Resp: 370080
Ion Ratio Lower Upper
240 100
120 13.4 9.0 13.6
236 25.7 20.3 30.5





#78
Pyrene
Concen: 26.06 ng
RT: 19.474 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

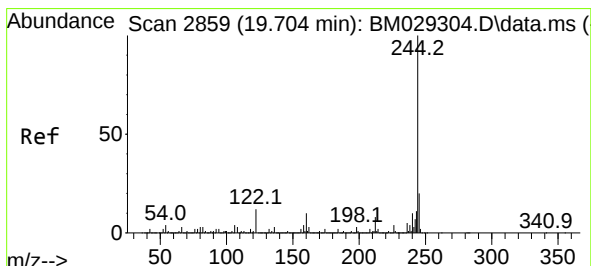
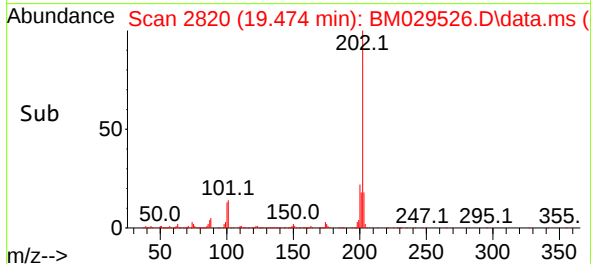
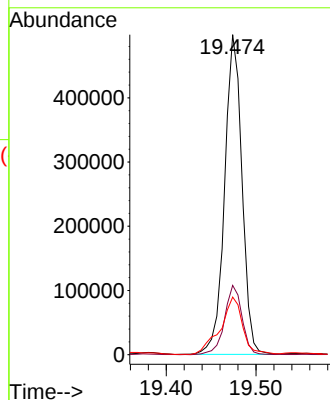
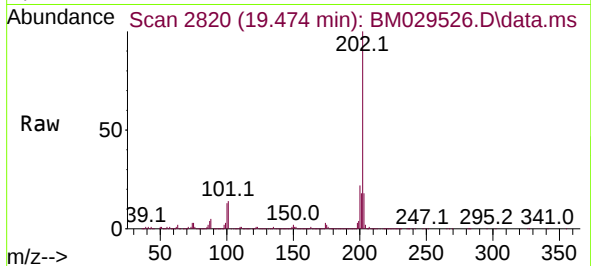
Tgt Ion:202 Resp: 670223
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 18.0 14.1 21.1

Instrument :
BNA_M
ClientSampleId :
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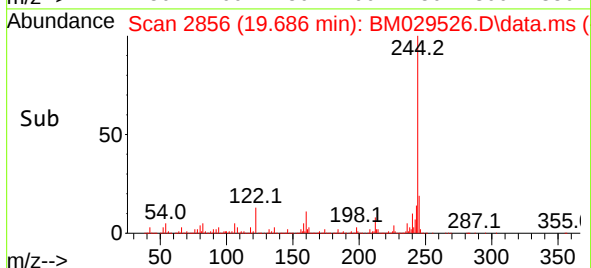
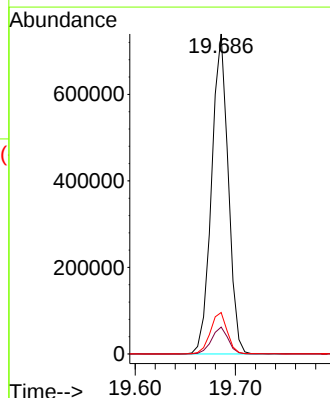
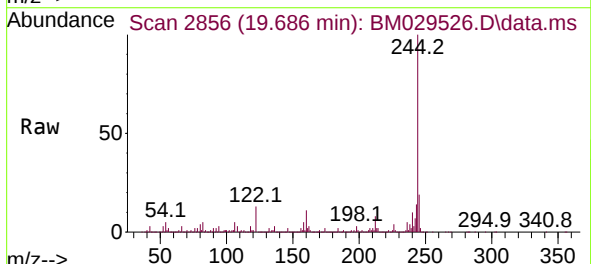
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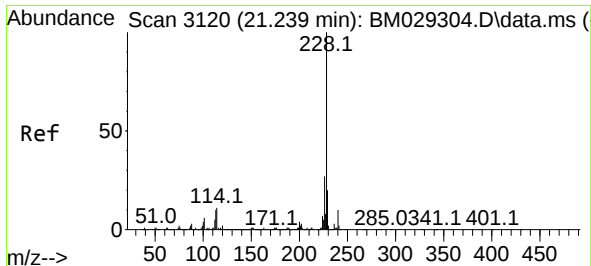
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#79
Terphenyl-d14
Concen: 43.67 ng
RT: 19.686 min Scan# 2856
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

Tgt Ion:244 Resp: 850810
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 13.0 9.2 13.8





#81
Benzo(a)anthracene
Concen: 15.64 ng
RT: 21.221 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

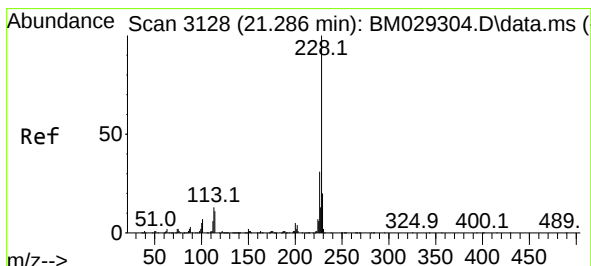
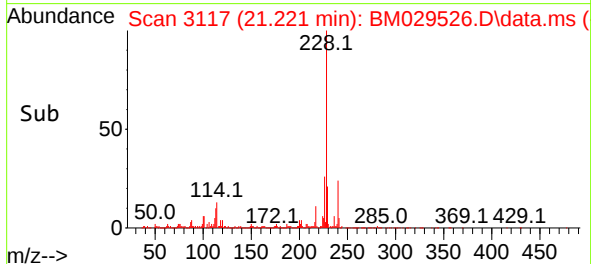
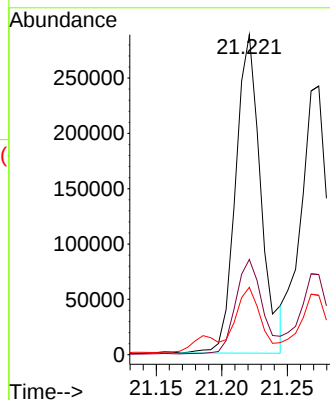
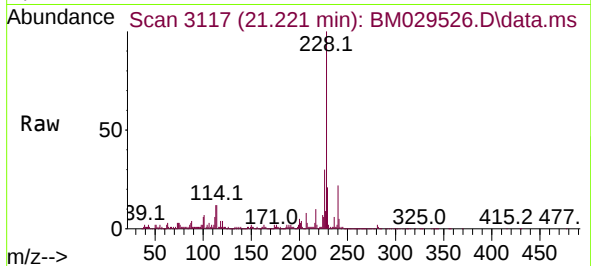
Tgt Ion:228 Resp: 386177
Ion Ratio Lower Upper
228 100
226 29.8 21.9 32.9
229 21.0 15.7 23.5

Instrument :
BNA_M
ClientSampled :
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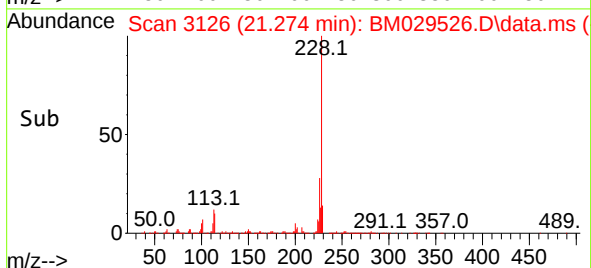
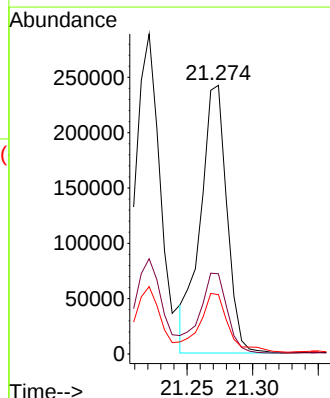
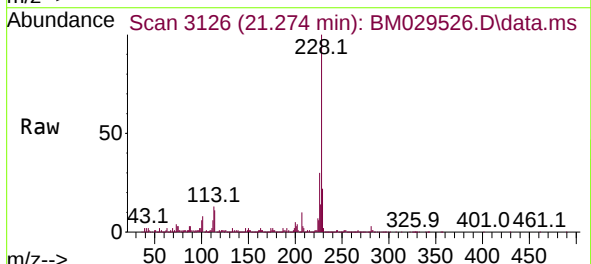
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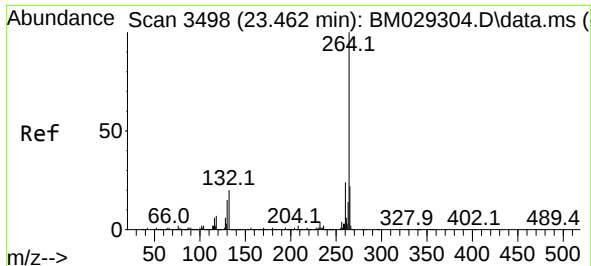
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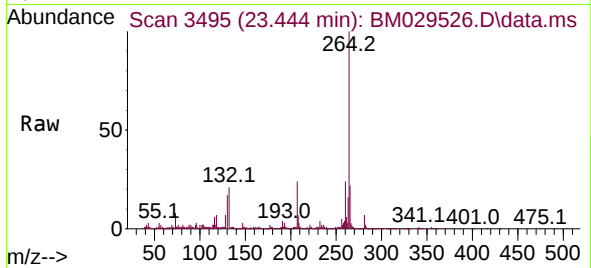
#83
Chrysene
Concen: 14.12 ng
RT: 21.274 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

Tgt Ion:228 Resp: 341482
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.1 15.8 23.6

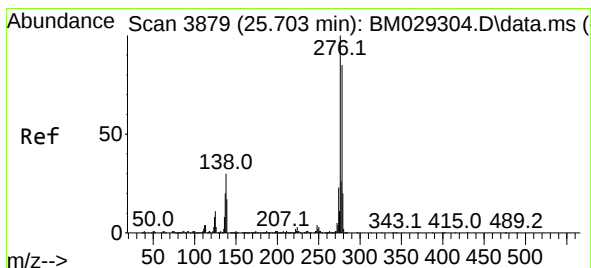
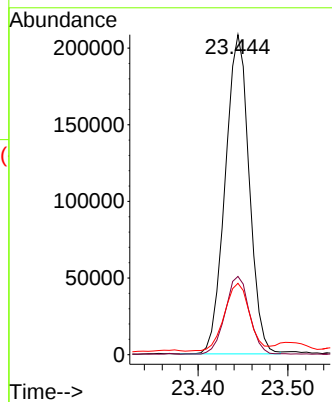
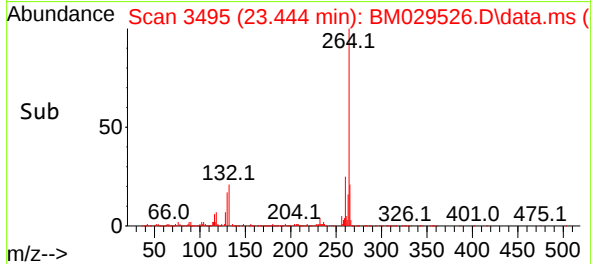




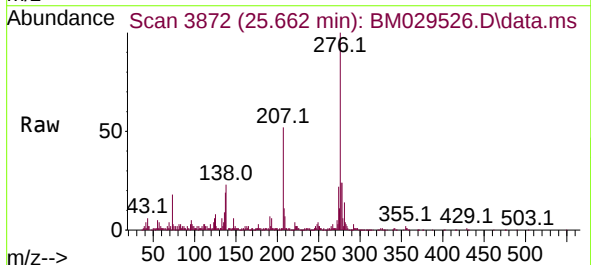
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.444 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



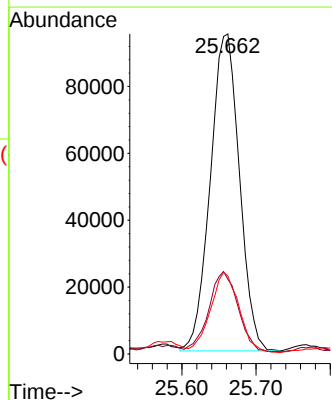
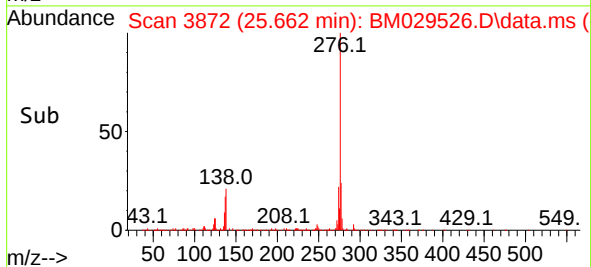
Tgt Ion:264 Resp: 386330
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.3 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.09 ng
RT: 25.662 min Scan# 3872
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44



Tgt Ion:276 Resp: 258853
Ion Ratio Lower Upper
276 100
138 25.4 22.6 34.0
277 24.9 20.2 30.4

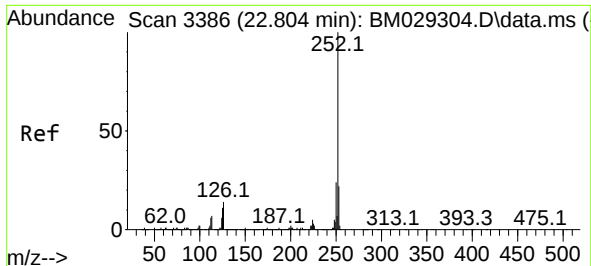


Instrument :
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ClientSampled :
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#88
Benzo(b)fluoranthene
Concen: 19.70 ng m
RT: 22.786 min Scan# 3383
Delta R.T. 0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

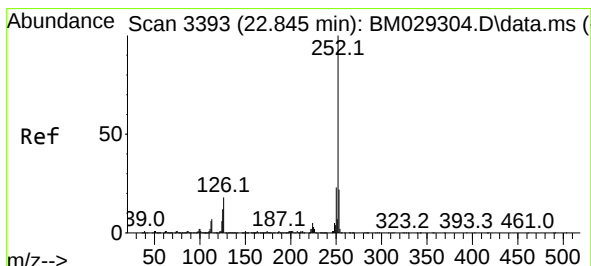
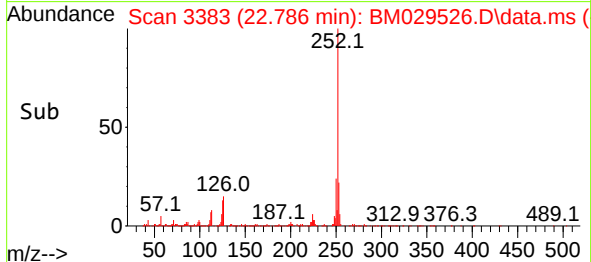
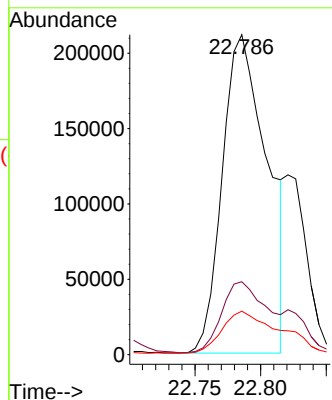
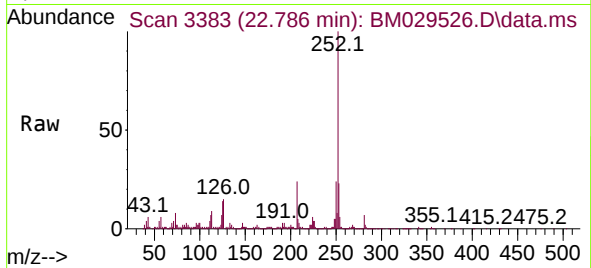
Tgt Ion:252 Resp: 499865
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 13.6 9.0 13.4#

Instrument :
BNA_M
ClientSampled :
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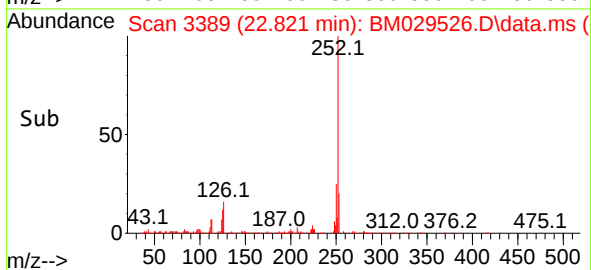
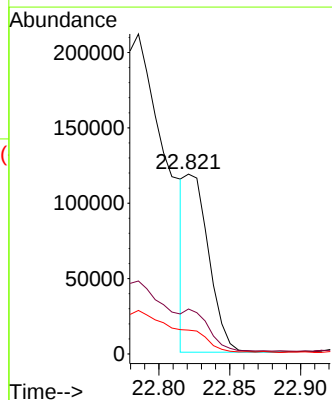
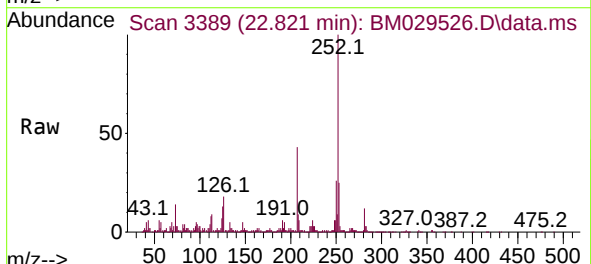
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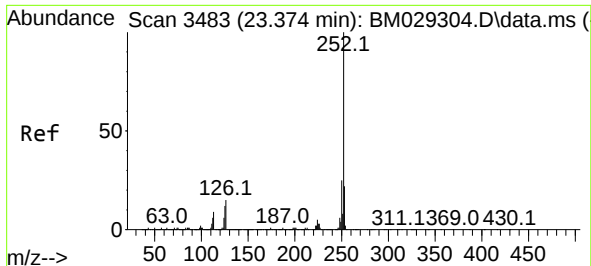
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#89
Benzo(k)fluoranthene
Concen: 5.64 ng m
RT: 22.821 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

Tgt Ion:252 Resp: 136812
Ion Ratio Lower Upper
252 100
253 25.0 17.6 26.4
125 13.2 8.7 13.1#





#90
Benzo(a)pyrene
Concen: 16.35 ng
RT: 23.350 min Scan# 3479
Delta R.T. 0.006 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

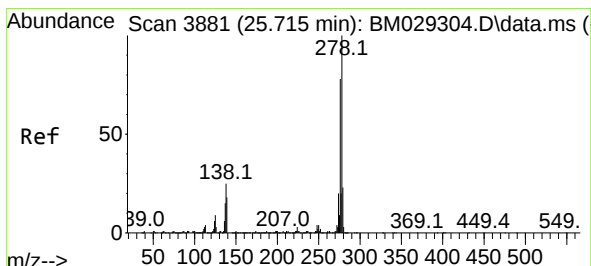
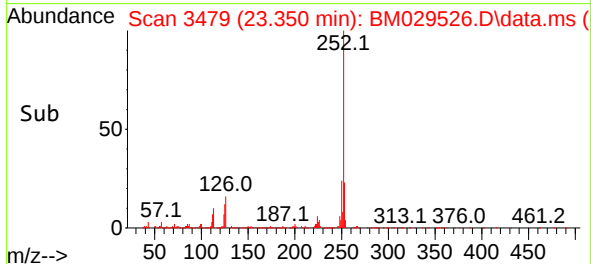
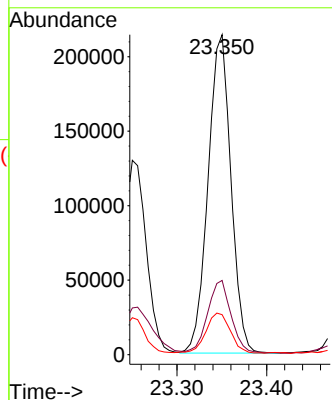
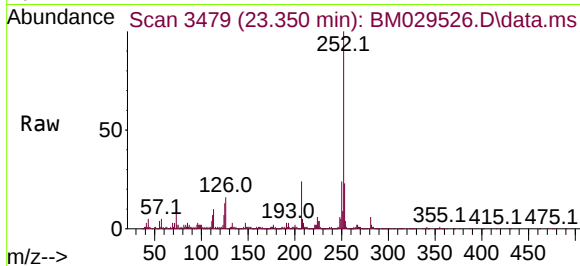
Tgt Ion:252 Resp: 379367
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 12.5 9.5 14.3

Instrument :
BNA_M
ClientSampled :
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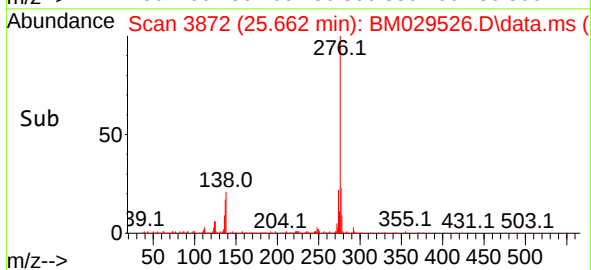
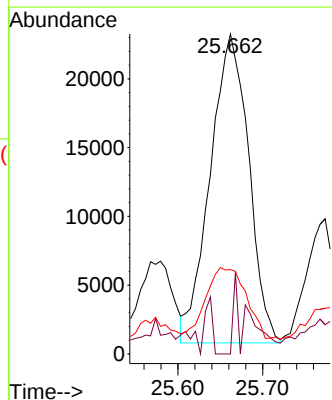
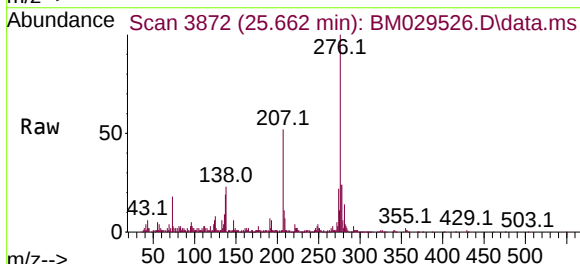
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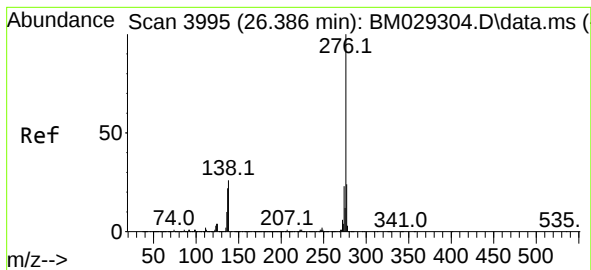
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#91
Dibenzo(a,h)anthracene
Concen: 2.90 ng m
RT: 25.662 min Scan# 3872
Delta R.T. -0.012 min
Lab File: BM029526.D
Acq: 16 Apr 2021 17:44

Tgt Ion:278 Resp: 70906
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 26.3 19.3 28.9





#92
 Benzo(g,h,i)perylene
 Concen: 10.42 ng
 RT: 26.338 min Scan# 3987
 Delta R.T. -0.006 min
 Lab File: BM029526.D
 Acq: 16 Apr 2021 17:44

Tgt Ion:	276	Resp:	245580
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.7	28.1
138	26.1	19.0	28.4

Instrument :
 BNA_M
 ClientSampled :
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