

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029652.D
 Acq On : 26 Apr 2021 16:36
 Operator : CG/JU
 Sample : M2170-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS-1

Manual Integrations
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Quant Time: Apr 26 17:22:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	72696	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	270661	20.00	ng	0.00
39) Acenaphthene-d10	14.268	164	186757	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	418856	20.00	ng	0.00
76) Chrysene-d12	21.197	240	458699	20.00	ng	0.00
86) Perylene-d12	23.385	264	482484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	377513	104.11	ng	0.00
7) Phenol-d6	6.798	99	491180	90.69	ng	0.00
23) Nitrobenzene-d5	8.775	82	328027	62.42	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	254003	98.35	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	815966	59.30	ng	0.00
79) Terphenyl-d14	19.645	244	1244467	51.44	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.727	163	29775	2.11	ng	# 97
71) Phenanthrene	17.051	178	115576	4.79	ng	99
75) Fluoranthene	19.074	202	237322	8.11	ng	98
78) Pyrene	19.433	202	226167	7.66	ng	98
81) Benzo(a)anthracene	21.180	228	132358	4.36	ng	97
83) Chrysene	21.233	228	115667m	3.88	ng	
87) Indeno(1,2,3-cd)pyrene	25.574	276	81108	2.17	ng	96
88) Benzo(b)fluoranthene	22.733	252	167882m	5.34	ng	
90) Benzo(a)pyrene	23.285	252	121242	4.10	ng	94
92) Benzo(g,h,i)perylene	26.250	276	86121	2.90	ng	99

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

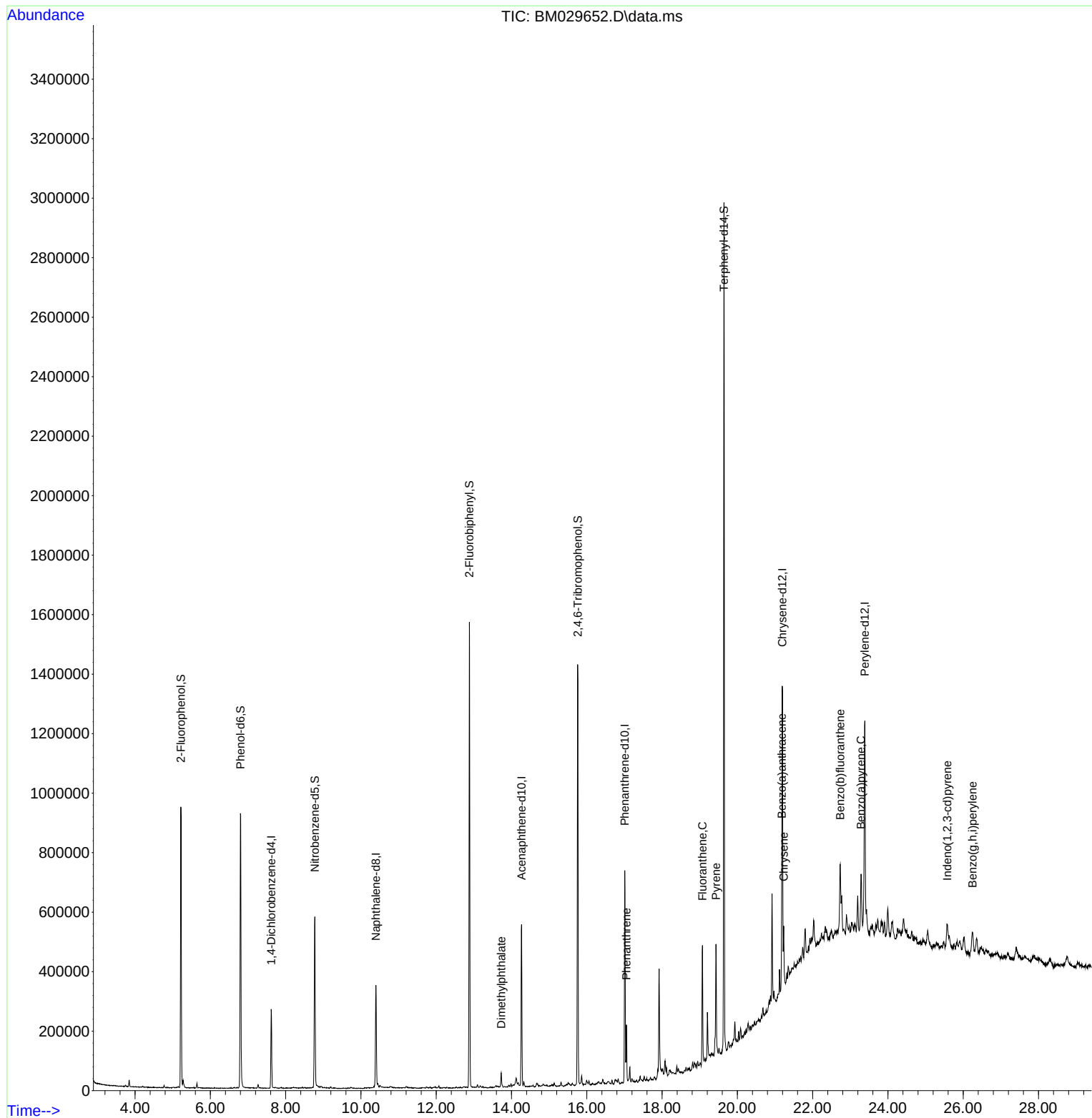
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Data File : BM029652.D
Acq On : 26 Apr 2021 16:36
Operator : CG/JU
Sample : M2170-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

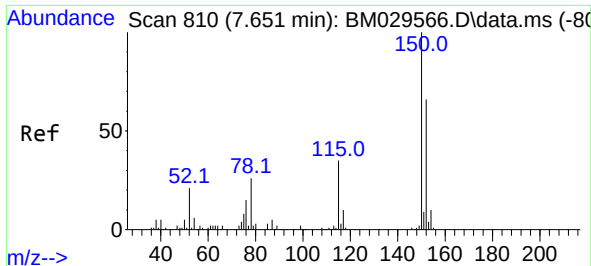
Instrument :
BNA_M
ClientSampleId :
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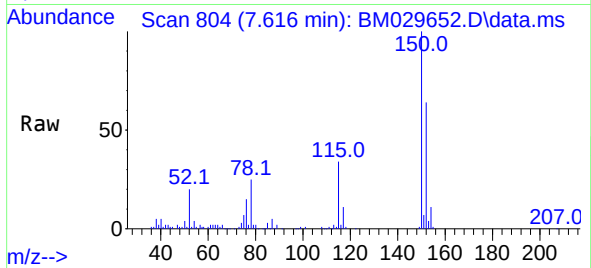
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Quant Time: Apr 26 17:22:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
Response via : Initial Calibration

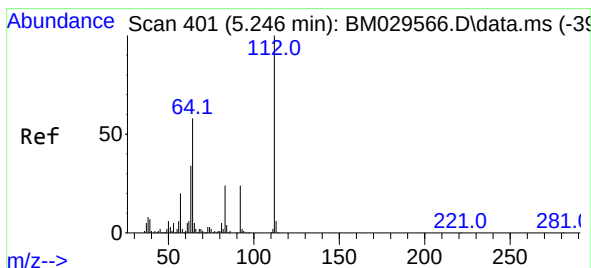
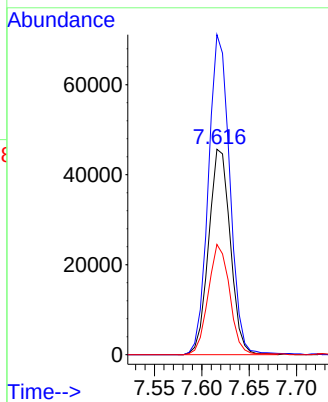
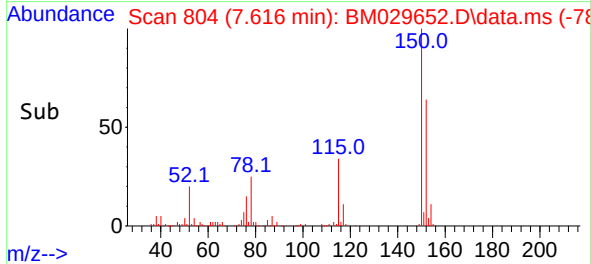




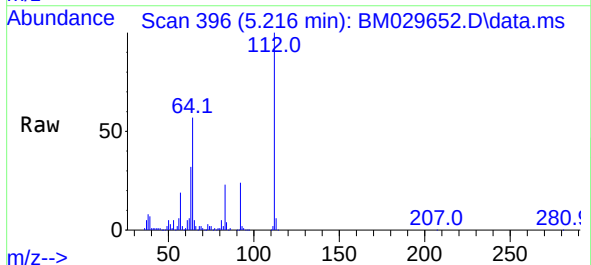
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029652.D
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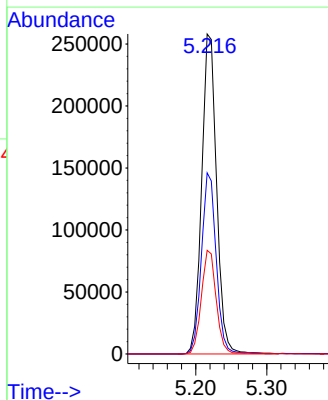
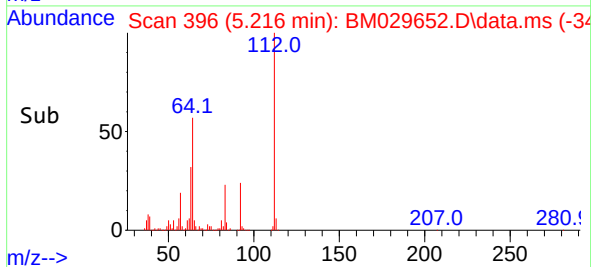
Tgt Ion:152 Resp: 72696
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 53.6 44.6 67.0



#5
2-Fluorophenol
Concen: 104.11 ng
RT: 5.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36



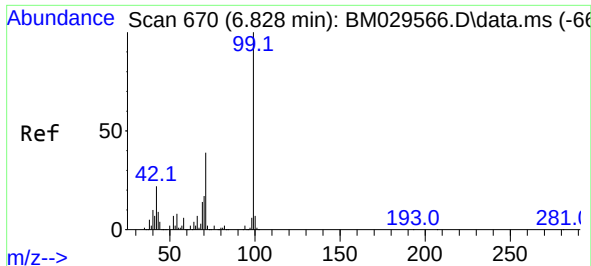
Tgt Ion:112 Resp: 377513
Ion Ratio Lower Upper
112 100
64 56.6 47.1 70.7
63 32.4 27.3 40.9



Instrument :
BNA_M
ClientSampled :
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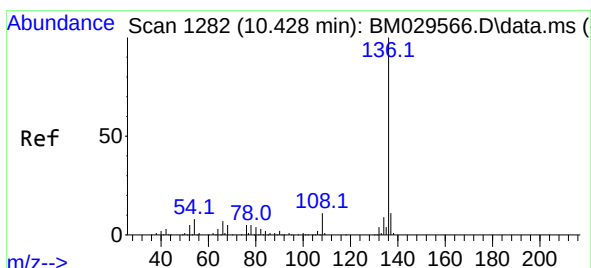
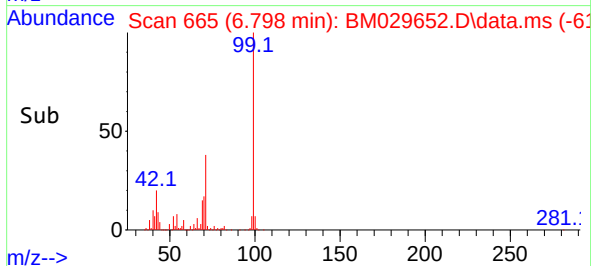
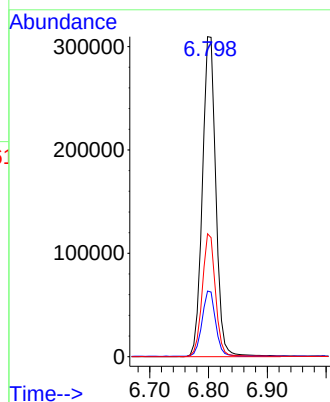
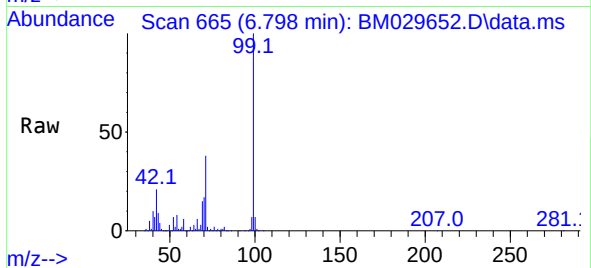
#7
Phenol-d6
Concen: 90.69 ng
RT: 6.798 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:	99	Resp:	491180
Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.0	27.0
71	38.4	30.9	46.3

Instrument :
BNA_M
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CS-1

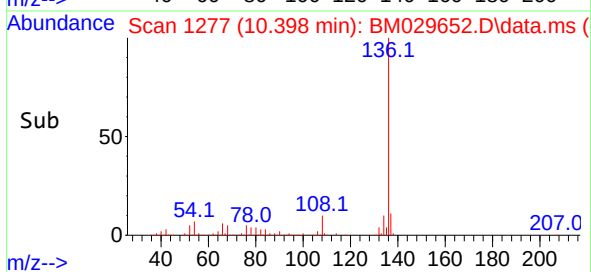
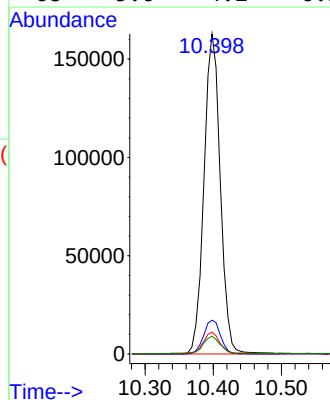
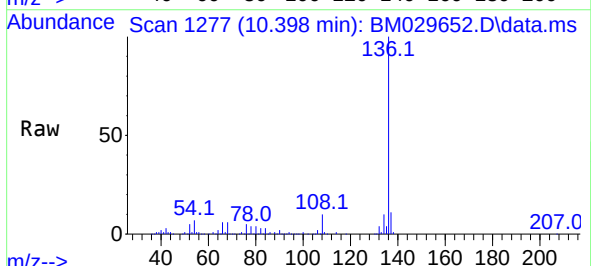
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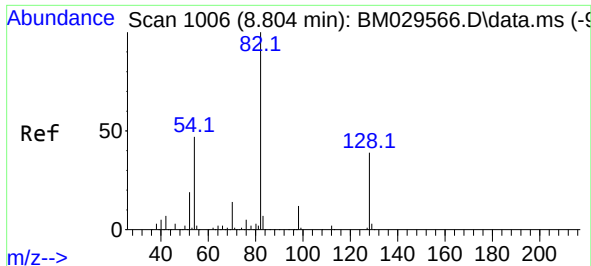
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:	136	Resp:	270661
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.8	5.5	8.3
68	5.6	4.2	6.2





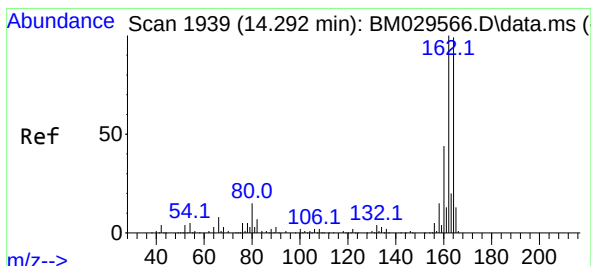
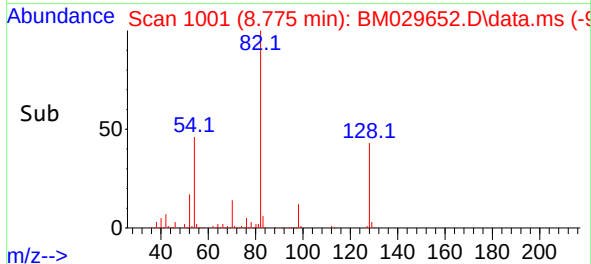
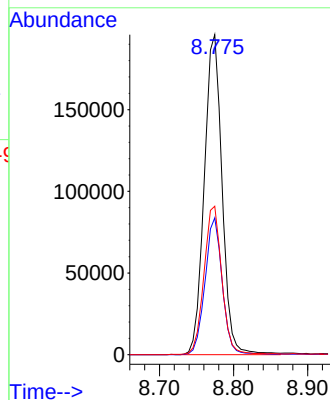
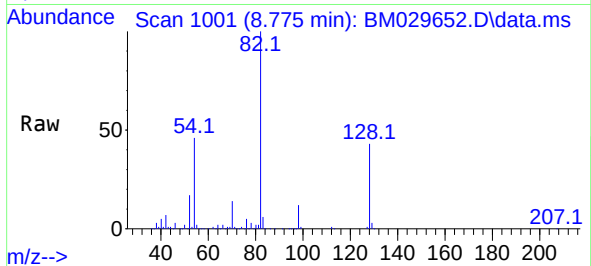
#23
Nitrobenzene-d5
Concen: 62.42 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:	82	Resp:	328027
Ion Ratio	Lower	Upper	
82	100		
128	42.8	31.1	46.7
54	46.4	37.3	55.9

Instrument :
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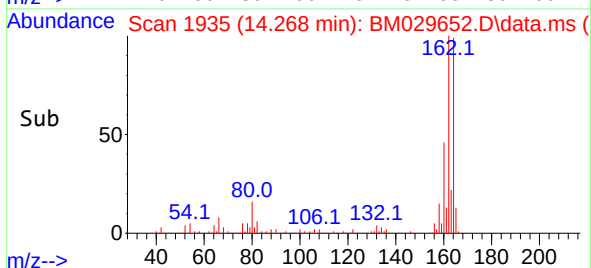
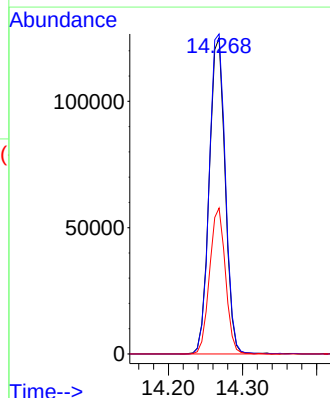
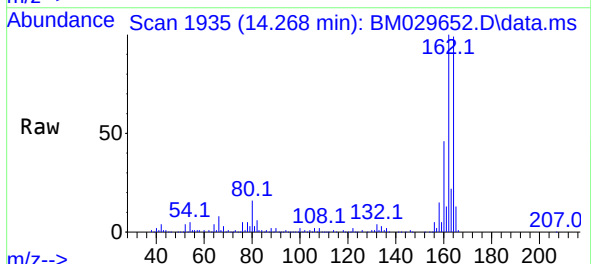
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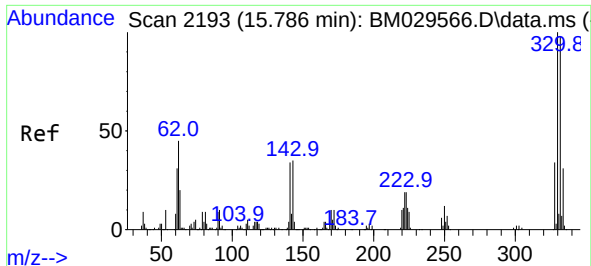
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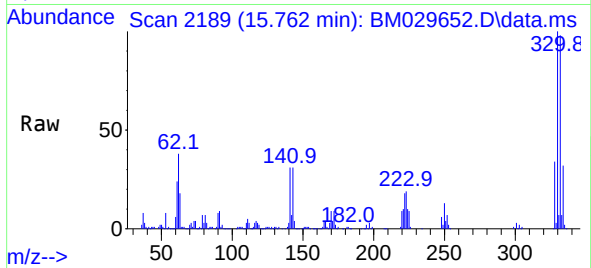
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:	164	Resp:	186757
Ion Ratio	Lower	Upper	
164	100		
162	101.3	83.4	125.0
160	46.2	37.2	55.8

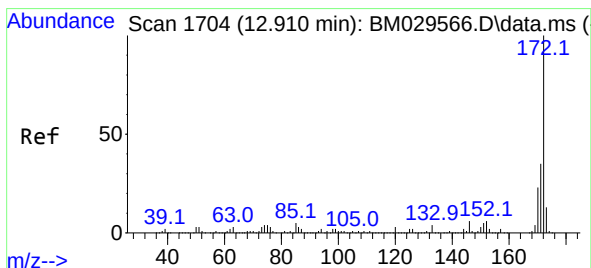
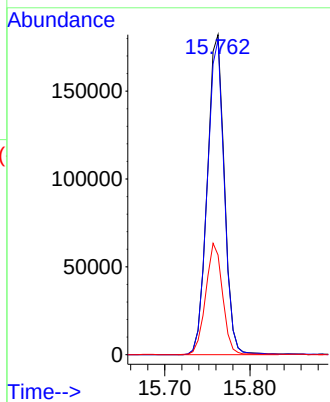
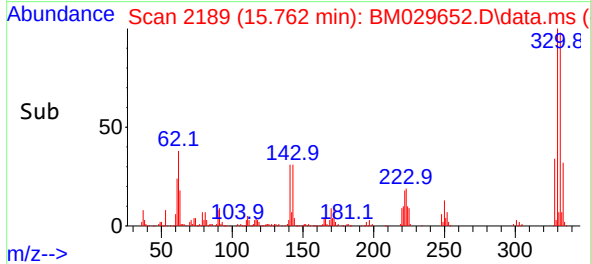




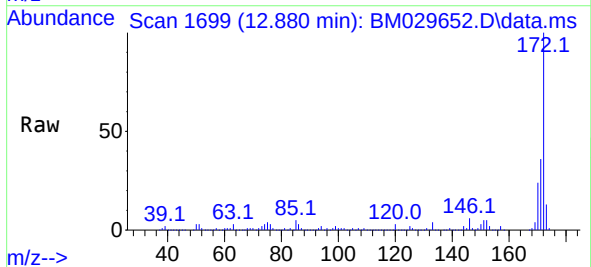
#42
2,4,6-Tribromophenol
Concen: 98.35 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36



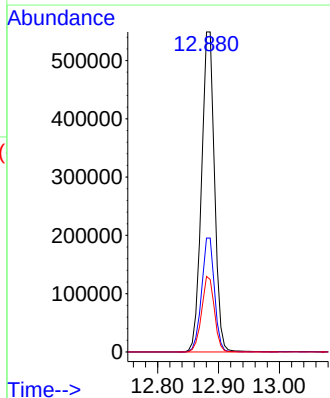
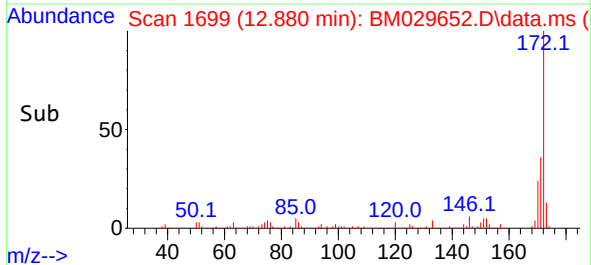
Tgt Ion:330 Resp: 254003
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 34.5 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 59.30 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36



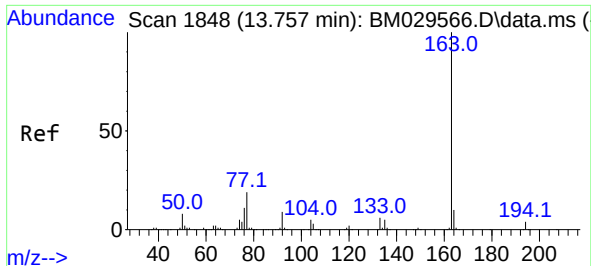
Tgt Ion:172 Resp: 815966
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 18.4 27.6



Instrument :
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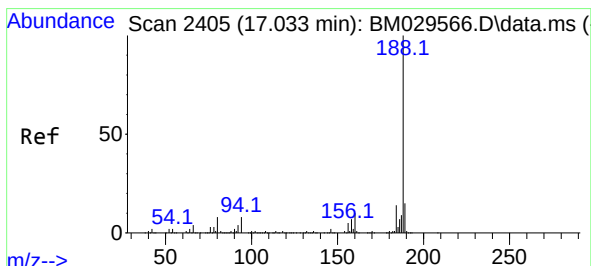
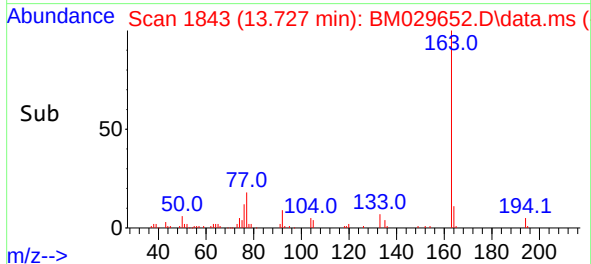
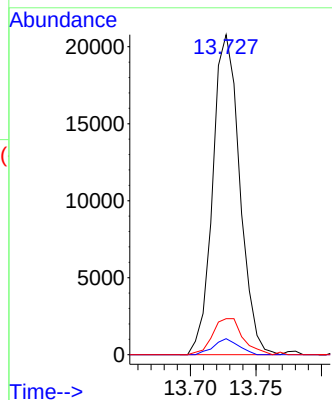
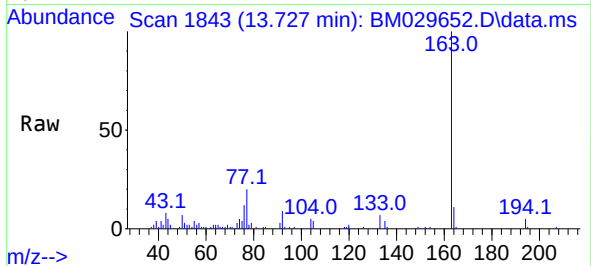
#50
Dimethylphthalate
Concen: 2.11 ng
RT: 13.727 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:163 Resp: 29775
Ion Ratio Lower Upper
163 100
194 5.0 3.3 4.9#
164 11.3 7.9 11.9

Instrument :
BNA_M
ClientSampled :
CS-1

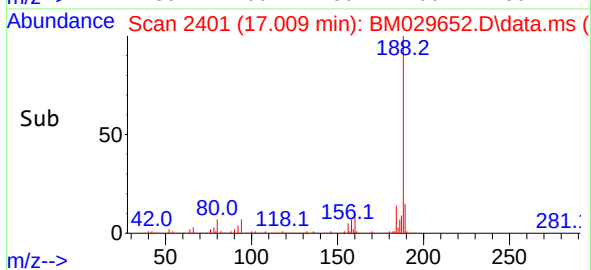
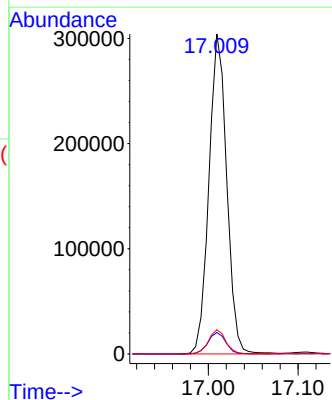
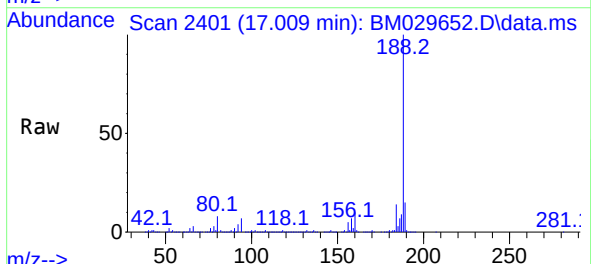
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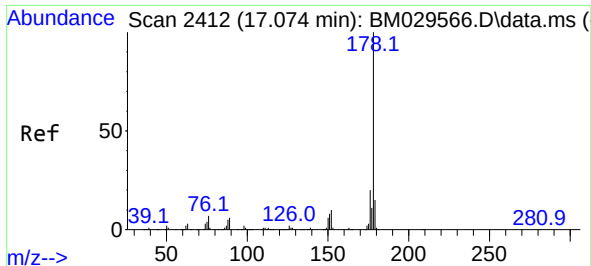
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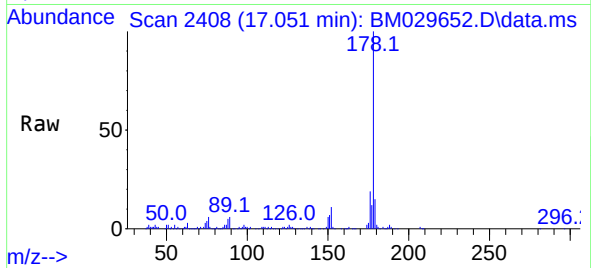
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:188 Resp: 418856
Ion Ratio Lower Upper
188 100
94 6.7 6.0 9.0
80 7.5 6.6 9.8

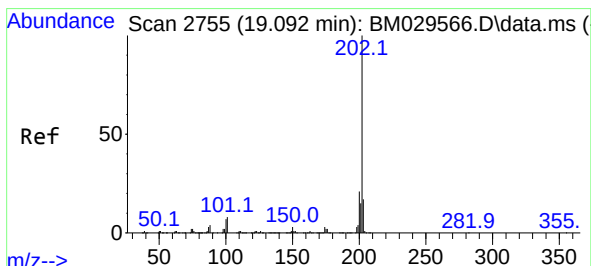
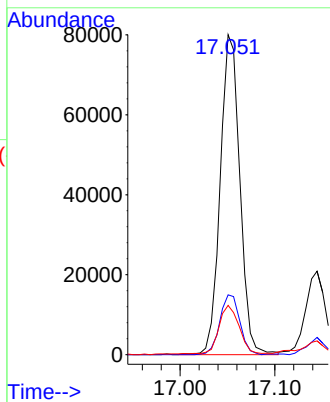
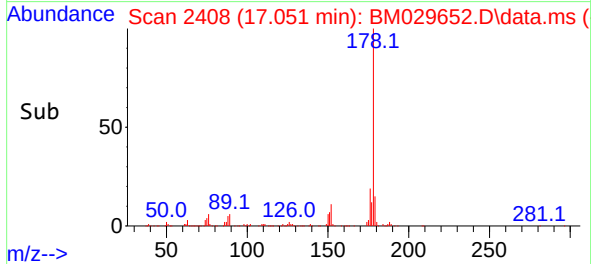




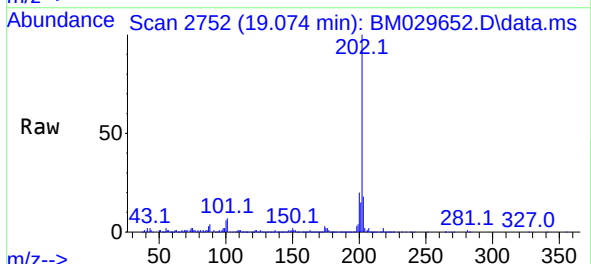
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Phenanthrene
Concen: 4.79 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36



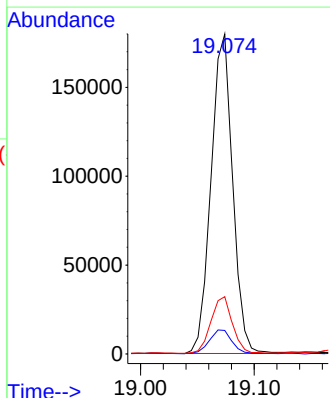
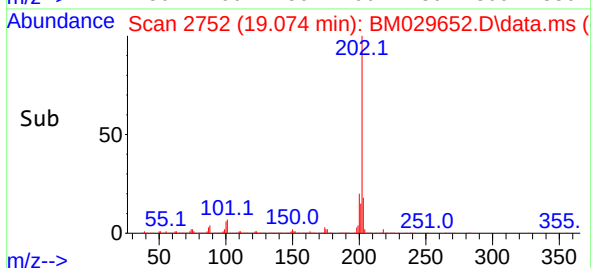
Tgt Ion:178 Resp: 115576
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 12.2 18.4



#75
Fluoranthene
Concen: 8.11 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36



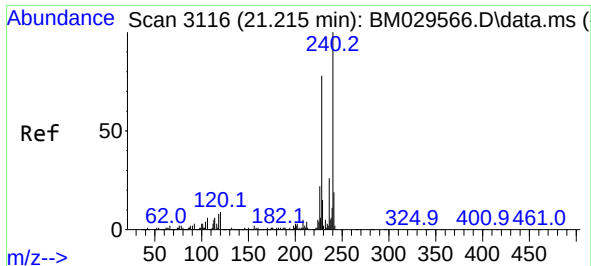
Tgt Ion:202 Resp: 237322
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.6
203 17.9 0.0 37.3



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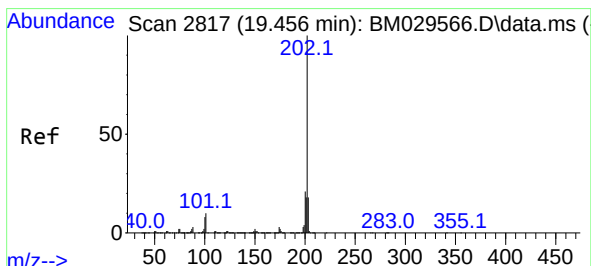
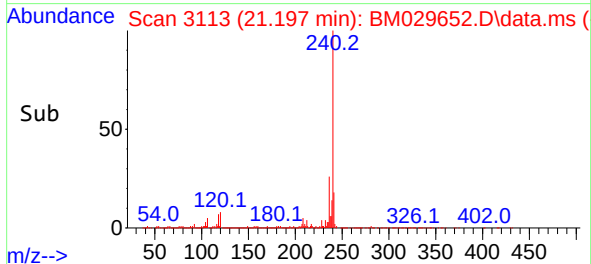
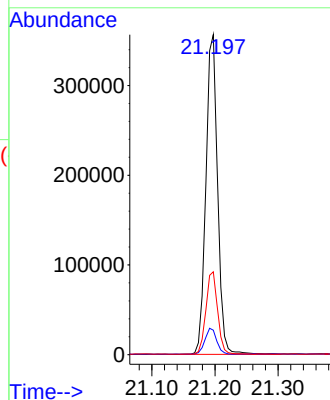
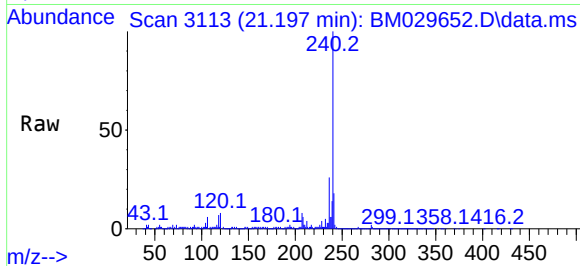
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:240 Resp: 458699
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.9 21.0 31.4

Instrument :
BNA_M
ClientSampleId :
CS-1

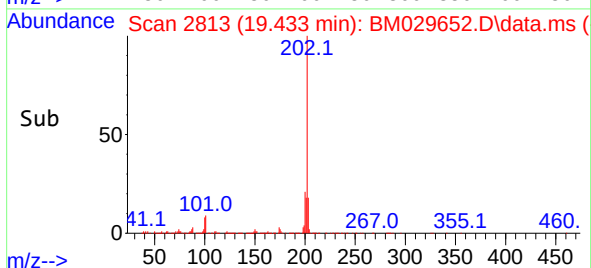
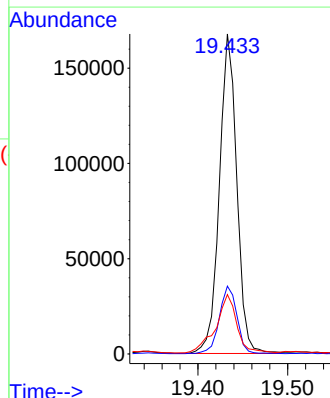
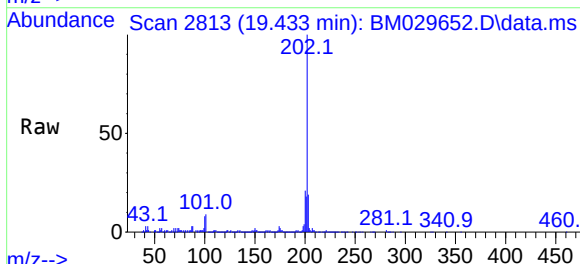
Manual Integrations
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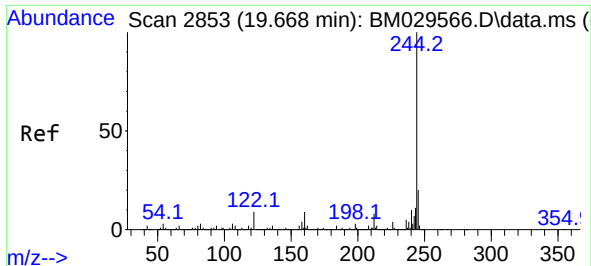
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#78
Pyrene
Concen: 7.66 ng
RT: 19.433 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:202 Resp: 226167
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 18.5 13.9 20.9





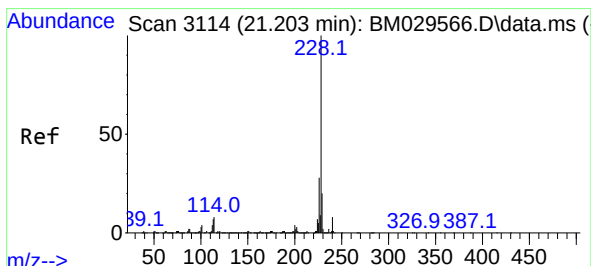
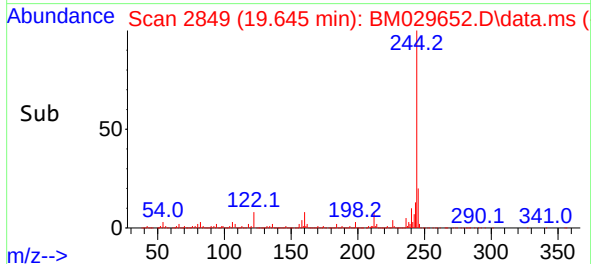
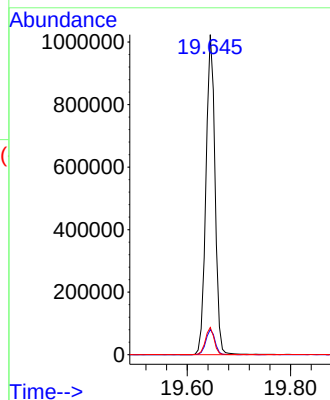
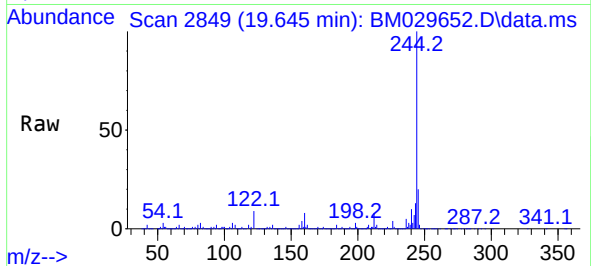
#79
Terphenyl-d14
Concen: 51.44 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:244 Resp: 1244467
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.5 6.9 10.3

Instrument :
BNA_M
ClientSampled :
CS-1

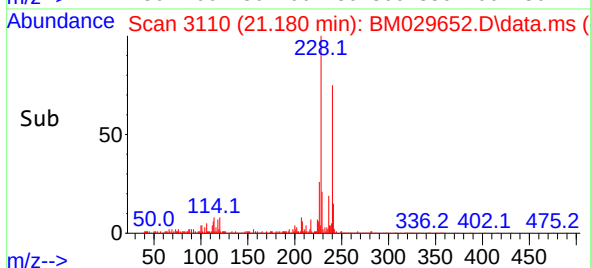
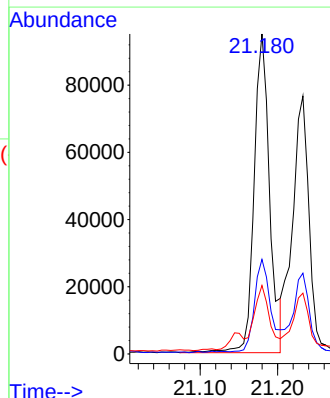
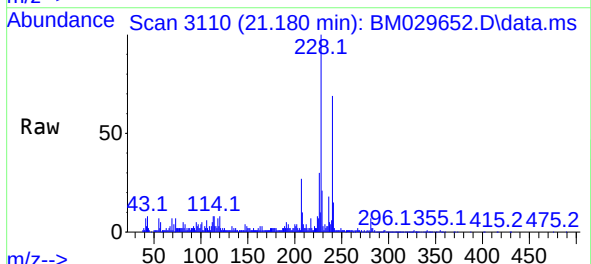
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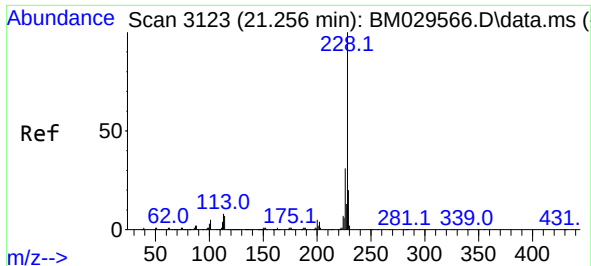
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#81
Benzo(a)anthracene
Concen: 4.36 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:228 Resp: 132358
Ion Ratio Lower Upper
228 100
226 29.5 22.3 33.5
229 21.4 15.7 23.5





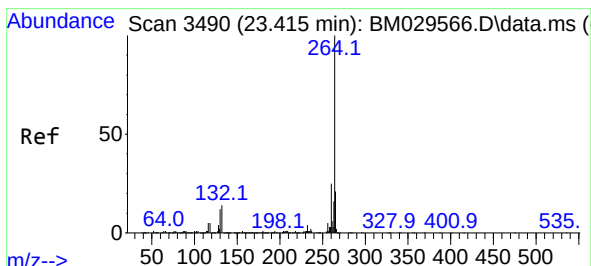
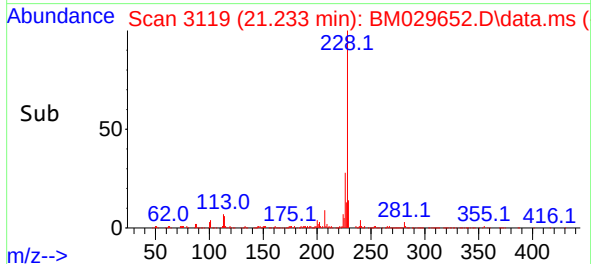
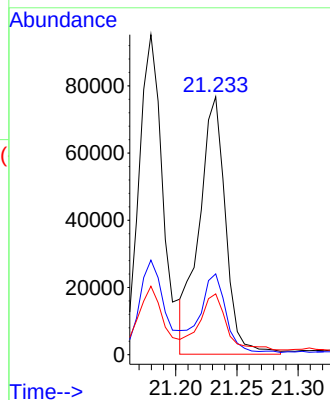
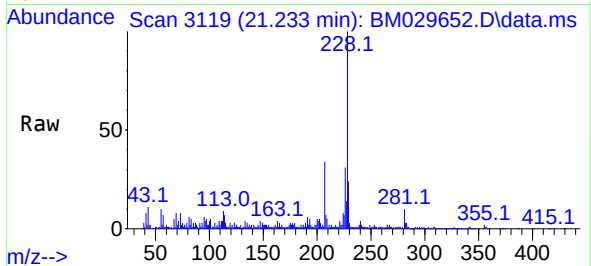
#83
Chrysene
Concen: 3.88 ng m
RT: 21.233 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion: 228 Resp: 115667
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 23.6 15.5 23.3#

Instrument :
BNA_M
ClientSampleId :
CS-1

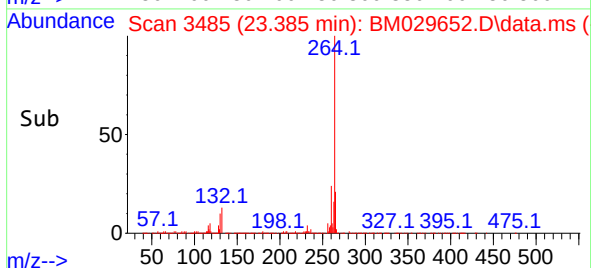
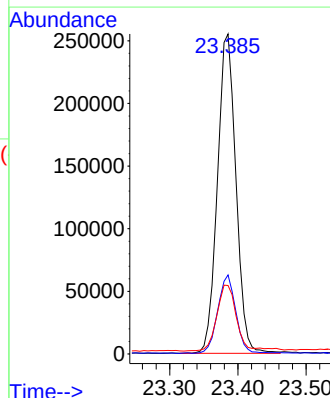
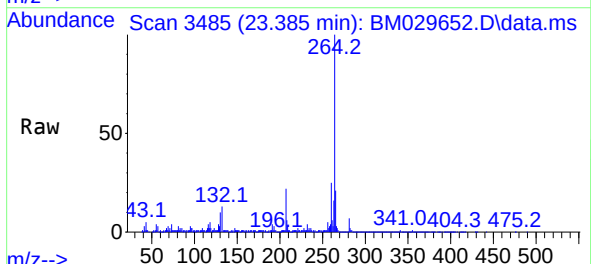
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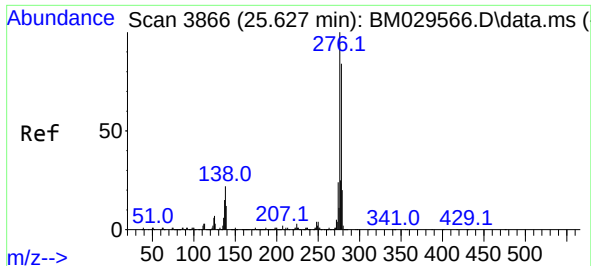
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.385 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion: 264 Resp: 482484
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 21.4 17.7 26.5





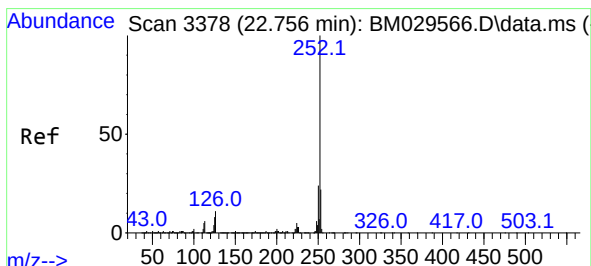
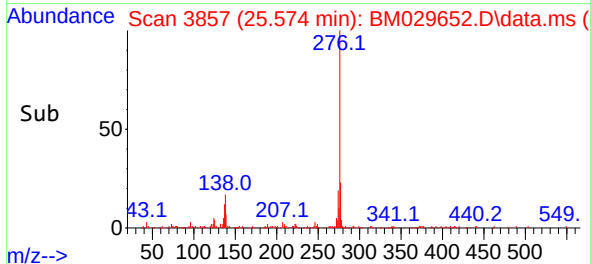
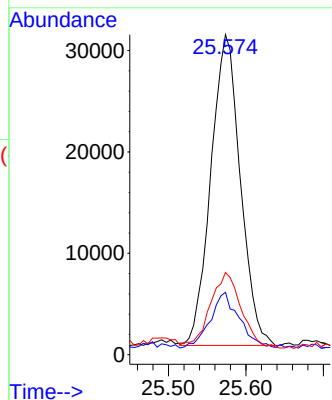
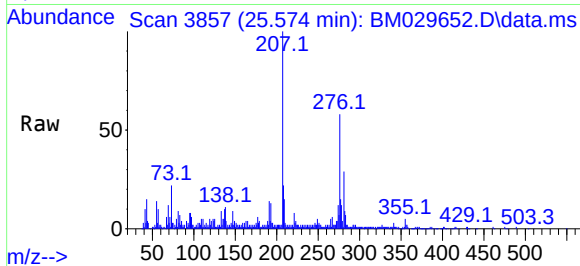
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng
RT: 25.574 min Scan# 3857
Delta R.T. -0.006 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:	276	Resp:	81108
Ion Ratio	Lower	Upper	
276	100		
138	17.6	17.1	25.7
277	25.2	20.3	30.5

Instrument :
BNA_M
ClientSampled :
CS-1

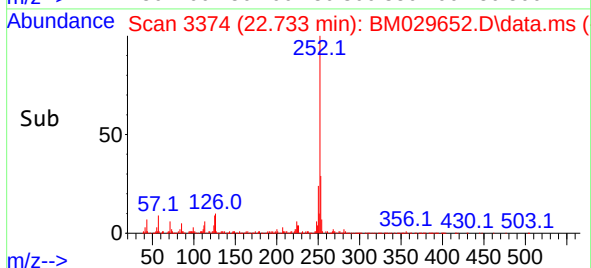
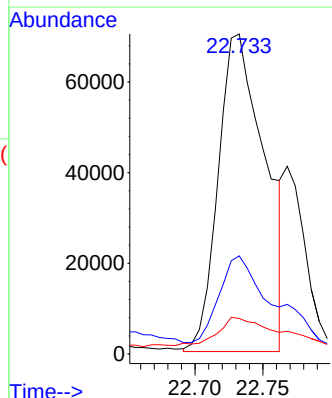
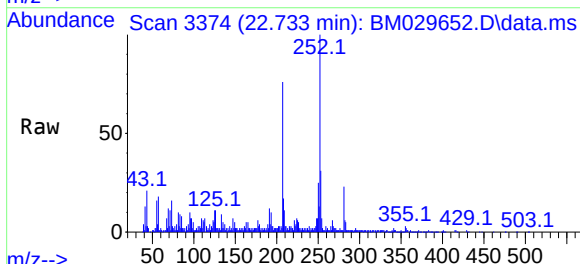
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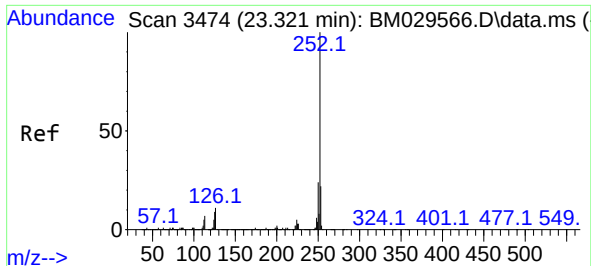
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#88
Benzo(b)fluoranthene
Concen: 5.34 ng m
RT: 22.733 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:	252	Resp:	167882
Ion Ratio	Lower	Upper	
252	100		
253	30.6	17.4	26.0#
125	11.1	6.8	10.2#





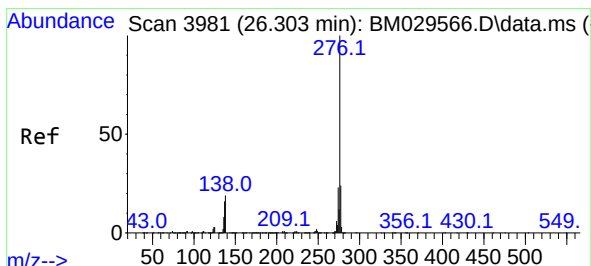
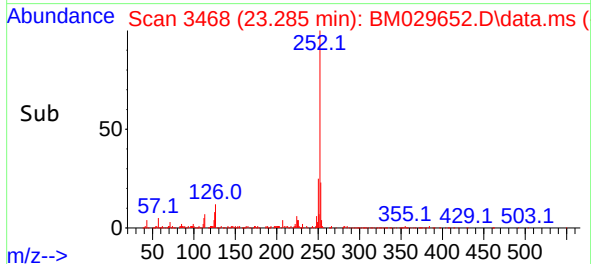
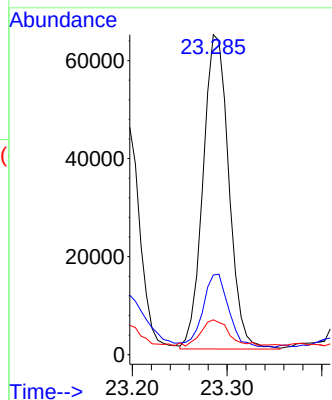
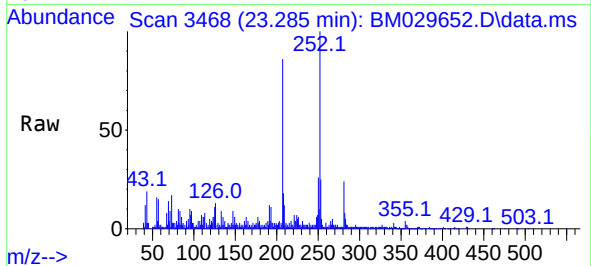
#90
Benzo(a)pyrene
Concen: 4.10 ng
RT: 23.285 min Scan# 3468
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Instrument :
BNA_M
ClientSampled :
CS-1

Tgt Ion:252 Resp: 121242
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 10.9 7.3 10.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.90 ng
RT: 26.250 min Scan# 3972
Delta R.T. -0.000 min
Lab File: BM029652.D
Acq: 26 Apr 2021 16:36

Tgt Ion:276 Resp: 86121
Ion Ratio Lower Upper
276 100
277 25.5 19.4 29.2
138 18.2 14.4 21.6

