

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029058.D
 Acq On : 09 Mar 2021 22:32
 Operator : CG/JU
 Sample : M1601-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BIN-3

Manual Integrations
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mohammad
 3/10/2021 11:53:13 AM

Quant Time: Mar 09 23:40:38 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	7.663	152	10917	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	40842	20.00	ng	# 0.00
39) Acenaphthene-d10	14.333	164	22453	20.00	ng	0.00
64) Phenanthrene-d10	17.080	188	44091	20.00	ng	0.00
76) Chrysene-d12	21.256	240	46731	20.00	ng	# 0.00
86) Perylene-d12	23.415	264	51729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	68321	103.73	ng	0.00
7) Phenol-d6	6.863	99	80494	92.53	ng	0.00
23) Nitrobenzene-d5	8.839	82	51550	68.10	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	24825	93.29	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	113045	67.03	ng	0.00
79) Terphenyl-d14	19.703	244	154215	60.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.893	94	2721	3.15	ng	91
58) Fluorene	15.386	166	3682	2.11	ng	91
71) Phenanthrene	17.121	178	27528	10.48	ng	99
72) Anthracene	17.210	178	12664	4.87	ng	98
75) Fluoranthene	19.139	202	66336	22.99	ng	99
78) Pyrene	19.498	202	62090	18.09	ng	99
81) Benzo(a)anthracene	21.239	228	34732	10.71	ng	98
83) Chrysene	21.292	228	29967	9.48	ng	96
84) Bis(2-ethylhexyl)phtha...	21.168	149	4508	2.12	ng	97
87) Indeno(1,2,3-cd)pyrene	25.568	276	25419m	6.51	ng	
88) Benzo(b)fluoranthene	22.774	252	46002m	12.59	ng	
89) Benzo(k)fluoranthene	22.809	252	12007m	3.46	ng	
90) Benzo(a)pyrene	23.321	252	34448	10.33	ng	# 94
92) Benzo(g,h,i)perylene	26.232	276	26231	8.01	ng	# 90

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

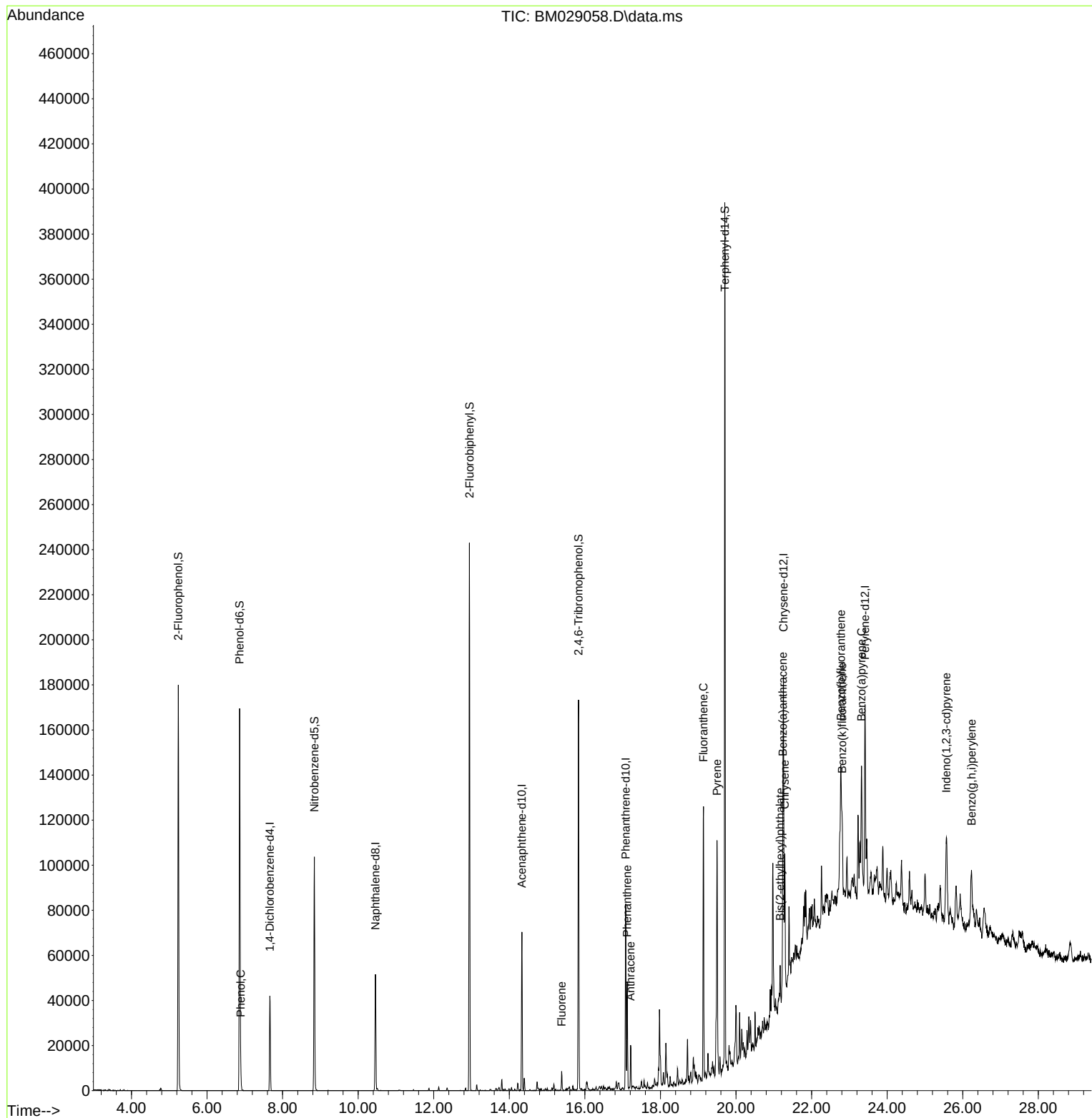
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029058.D
Acq On : 09 Mar 2021 22:32
Operator : CG/JU
Sample : M1601-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

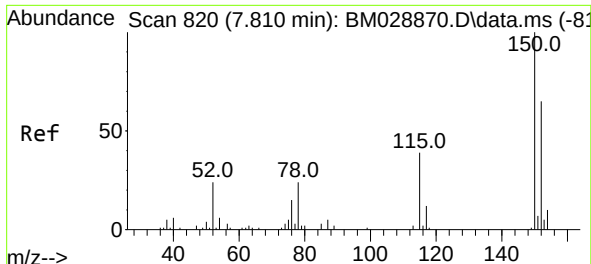
Instrument :
BNA_M
ClientSampleId :
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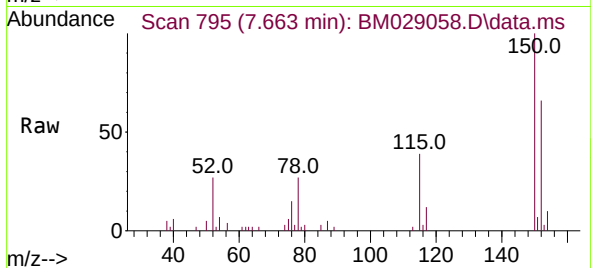
Quant Time: Mar 09 23:40:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

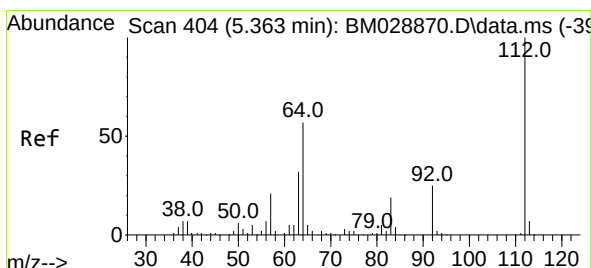
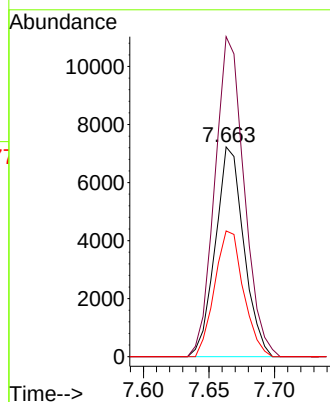
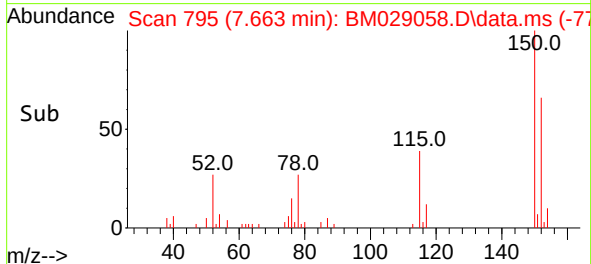
Instrument :
BNA_M
ClientSampled :
BIN-3



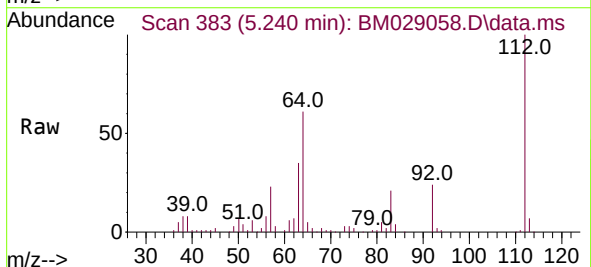
Tgt Ion:152 Resp: 10917
Ion Ratio Lower Upper
152 100
150 152.6 120.6 181.0
115 60.0 47.2 70.8

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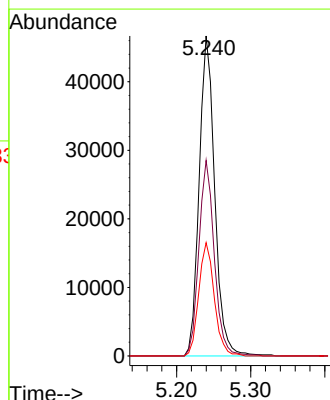
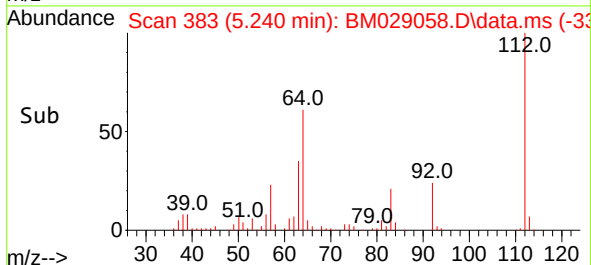
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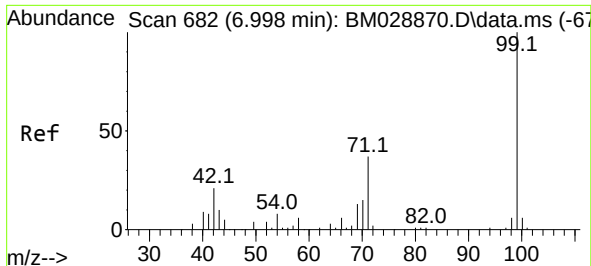


#5
2-Fluorophenol
Concen: 103.73 ng
RT: 5.240 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

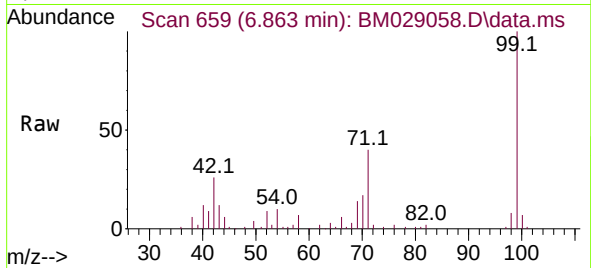


Tgt Ion:112 Resp: 68321
Ion Ratio Lower Upper
112 100
64 61.1 50.6 76.0
63 35.4 31.0 46.6





#7
Phenol-d6
Concen: 92.53 ng
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

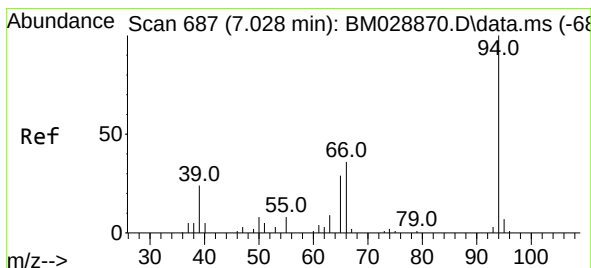
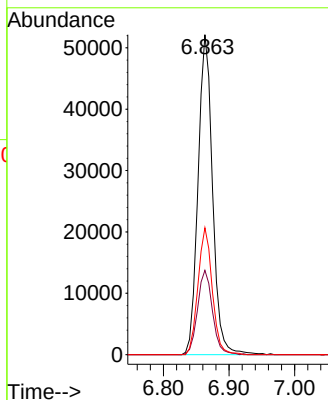
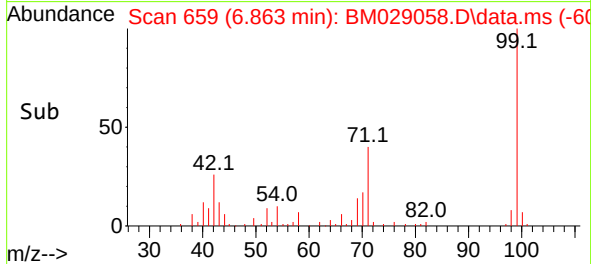


Tgt Ion: 99 Resp: 80494
Ion Ratio Lower Upper
99 100
42 26.3 13.5 20.3#
71 39.7 39.4 59.0

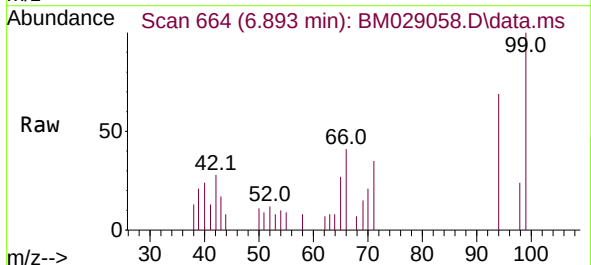
Instrument :
BNA_M
ClientSampled :
BIN-3

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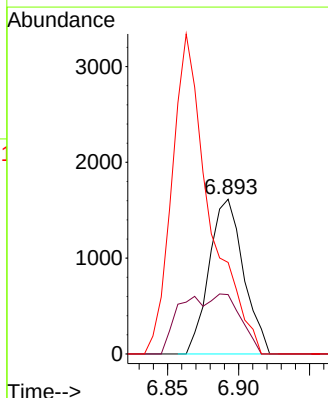
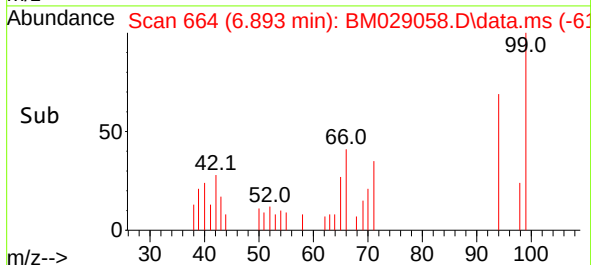
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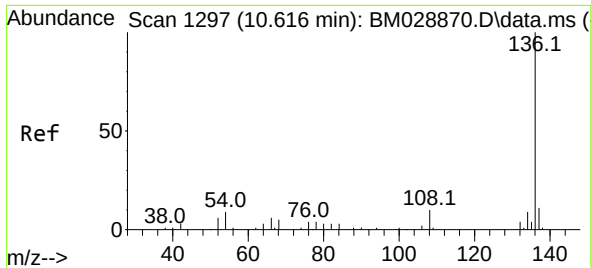


#10
Phenol
Concen: 3.15 ng
RT: 6.893 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32



Tgt Ion: 94 Resp: 2721
Ion Ratio Lower Upper
94 100
65 38.3 16.4 56.4
66 59.1 30.2 70.2





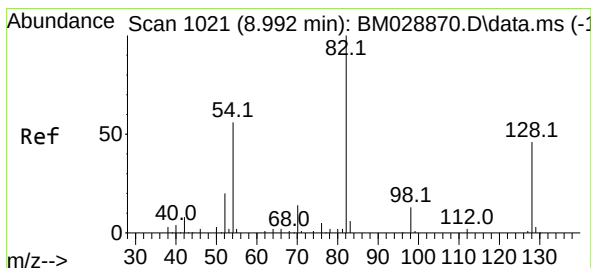
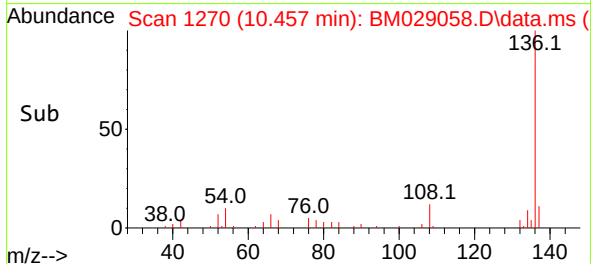
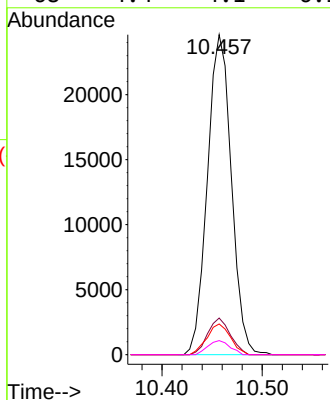
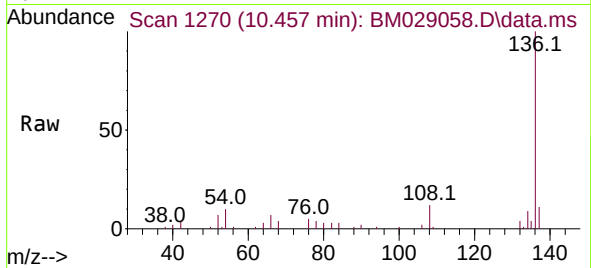
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:	136	Resp:	40842
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	9.6	4.6	7.0#
68	4.4	4.1	6.1

Instrument :
BNA_M
ClientSampled :
BIN-3

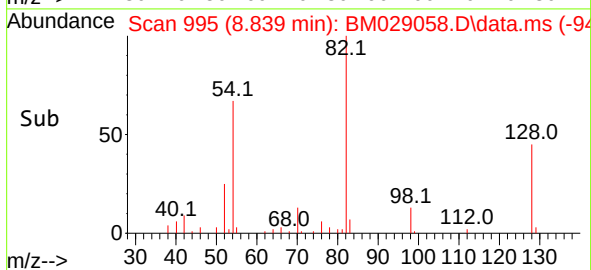
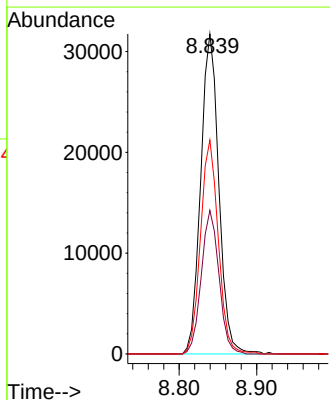
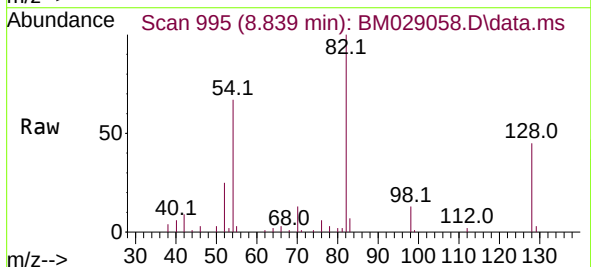
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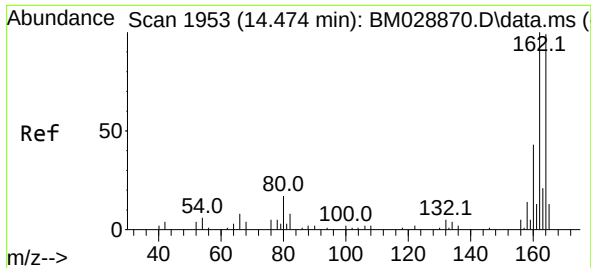
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#23
Nitrobenzene-d5
Concen: 68.10 ng
RT: 8.839 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

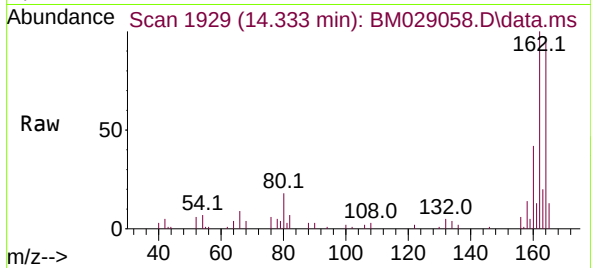
Tgt Ion:	82	Resp:	51550
Ion Ratio	Lower	Upper	
82	100		
128	44.8	27.4	41.0#
54	66.9	31.4	47.0#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

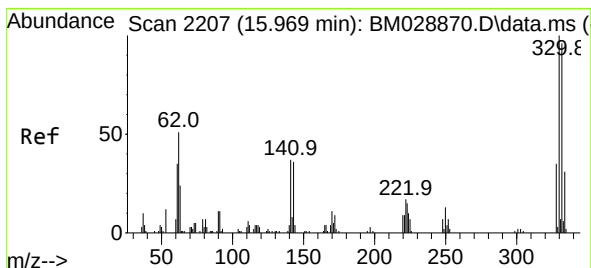
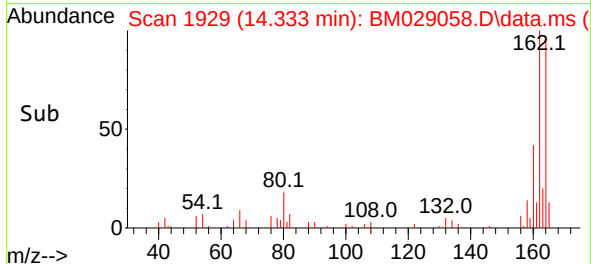
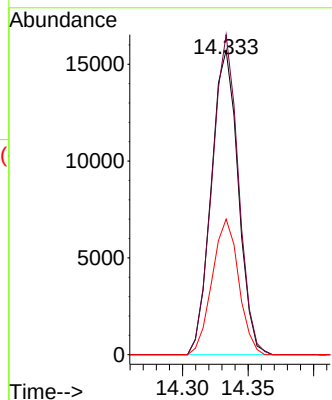
Instrument :
BNA_M
ClientSampled :
BIN-3



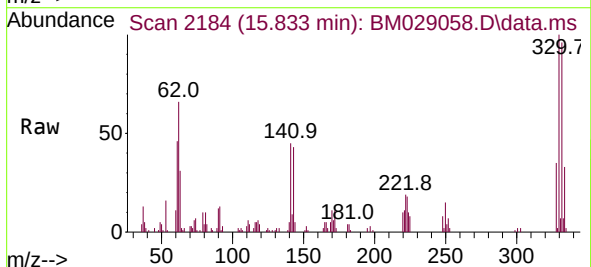
Tgt Ion:164 Resp: 22453
Ion Ratio Lower Upper
164 100
162 105.1 80.4 120.6
160 44.5 35.9 53.9

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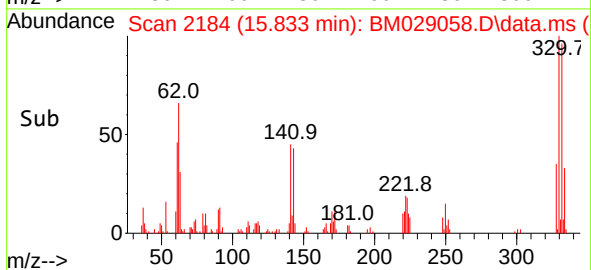
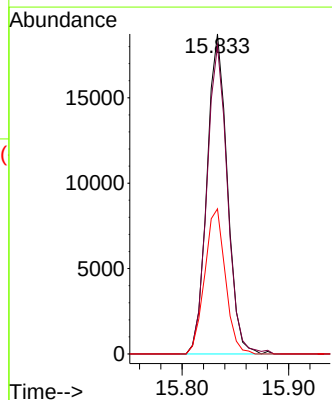
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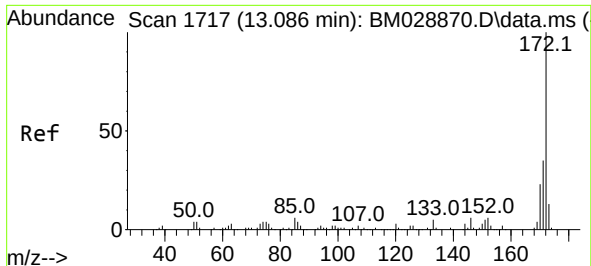


#42
2,4,6-Tribromophenol
Concen: 93.29 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32



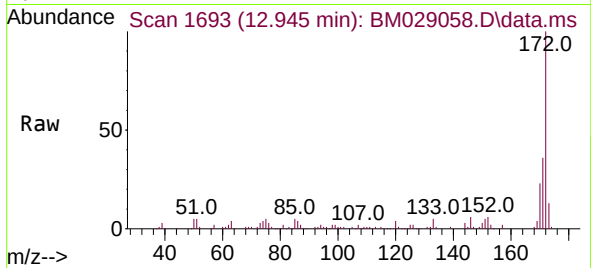
Tgt Ion:330 Resp: 24825
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 46.1 28.4 42.6#





#45
2-Fluorobiphenyl
Concen: 67.03 ng
RT: 12.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

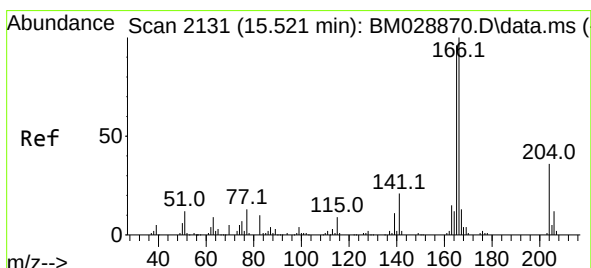
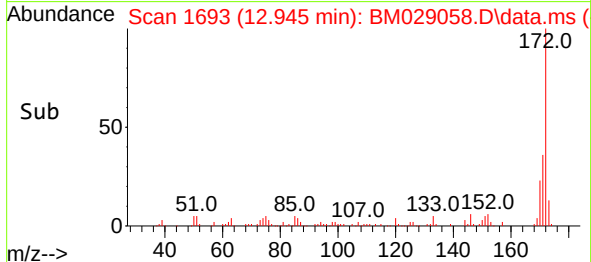
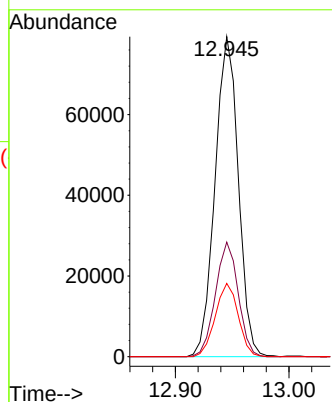
Instrument :
BNA_M
ClientSampleId :
BIN-3



Tgt Ion:172 Resp: 113045
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 22.9 18.6 27.8

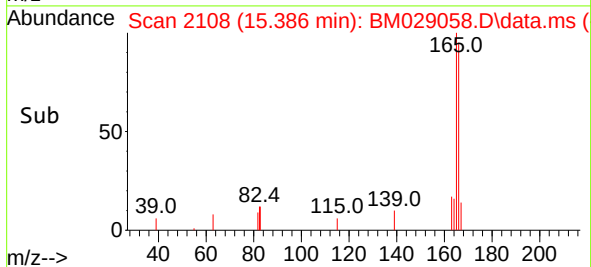
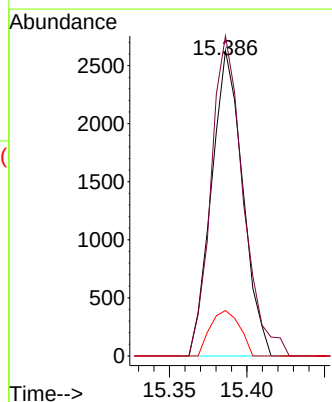
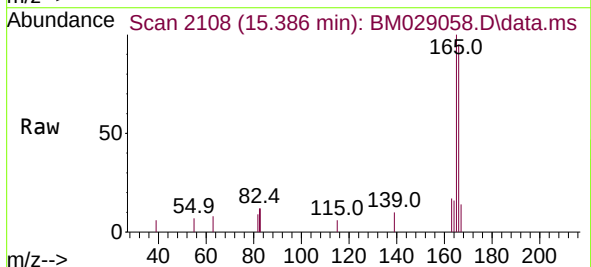
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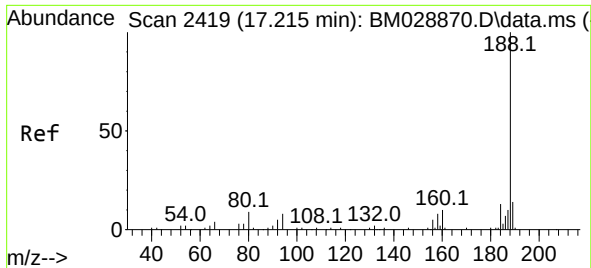
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#58
Fluorene
Concen: 2.11 ng
RT: 15.386 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:166 Resp: 3682
Ion Ratio Lower Upper
166 100
165 104.8 76.2 114.2
167 14.9 10.7 16.1





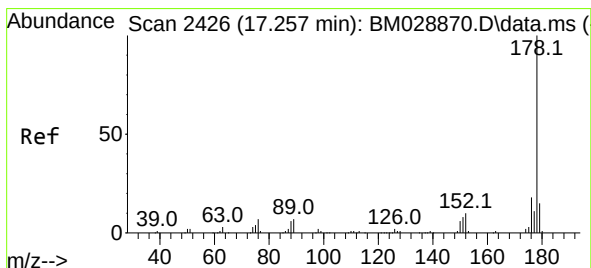
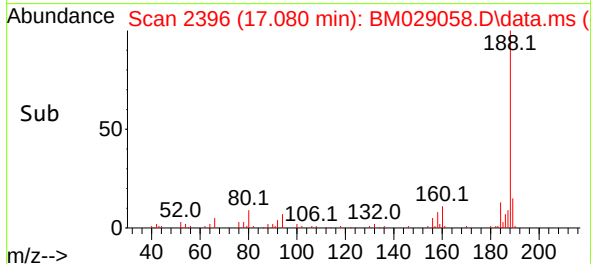
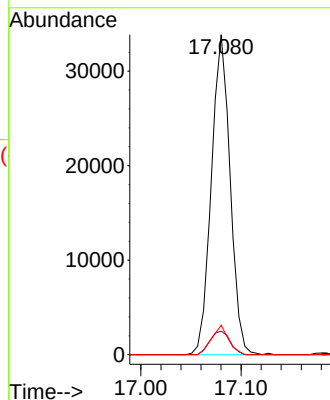
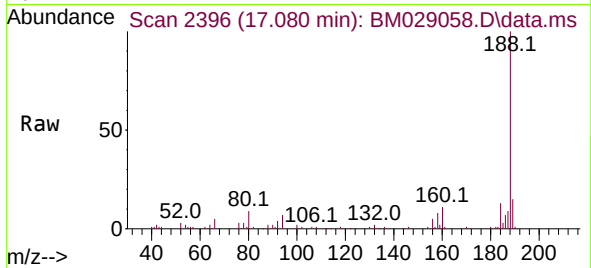
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:188 Resp: 44091
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 9.2 7.5 11.3

Instrument :
BNA_M
ClientSampled :
BIN-3

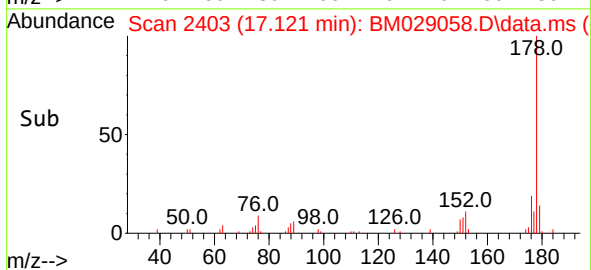
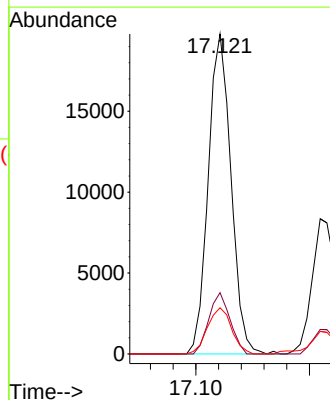
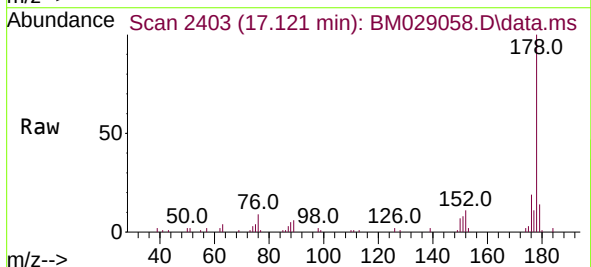
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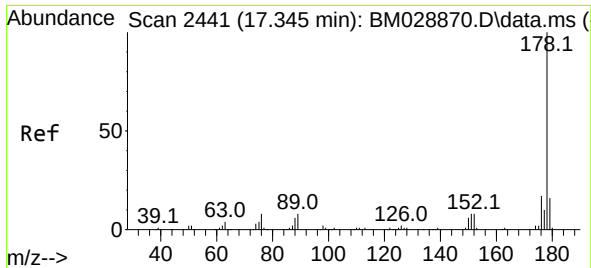
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#71
Phenanthrene
Concen: 10.48 ng
RT: 17.121 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

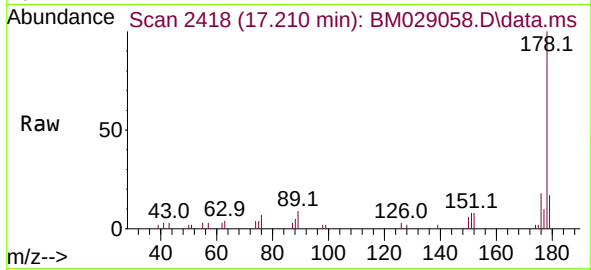
Tgt Ion:178 Resp: 27528
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 14.5 12.2 18.4





#72
 Anthracene
 Concen: 4.87 ng
 RT: 17.210 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BM029058.D
 Acq: 09 Mar 2021 22:32

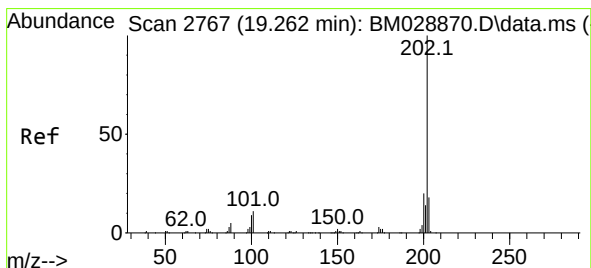
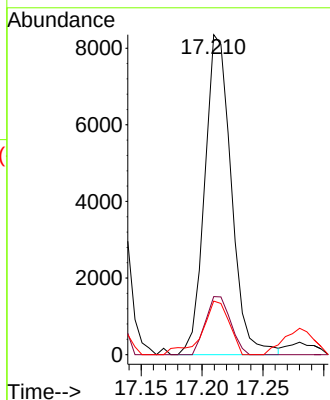
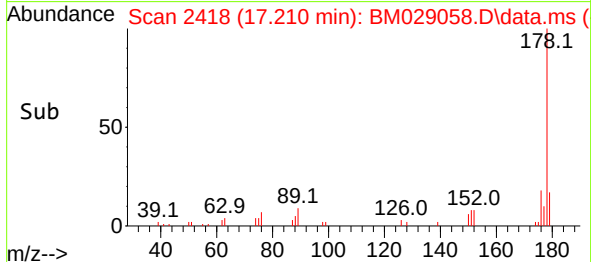
Instrument :
 BNA_M
 ClientSampled :
 BIN-3



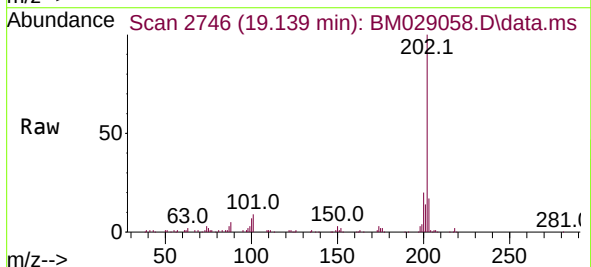
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 Ion Ratio Lower Upper
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 176 18.1 15.0 22.4
 179 16.7 12.5 18.7

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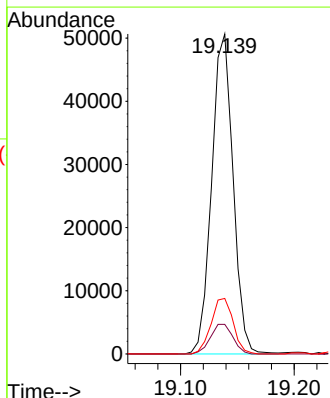
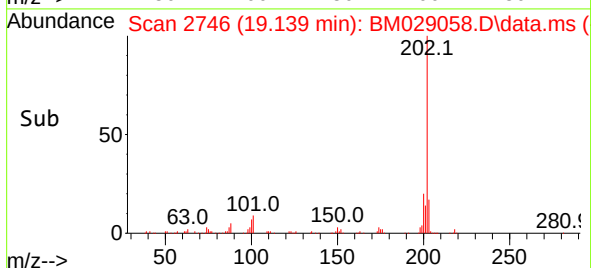
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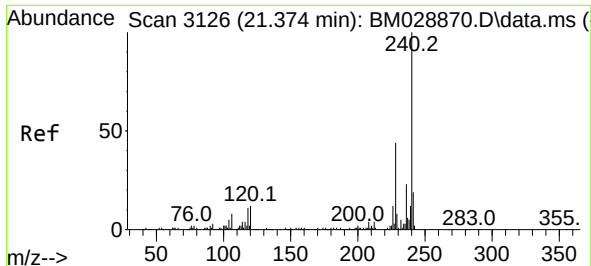


#75
 Fluoranthene
 Concen: 22.99 ng
 RT: 19.139 min Scan# 2746
 Delta R.T. -0.006 min
 Lab File: BM029058.D
 Acq: 09 Mar 2021 22:32



Tgt Ion:202 Resp: 66336
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 28.5
 203 17.3 0.0 37.3





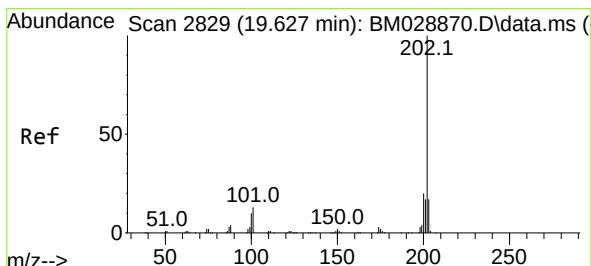
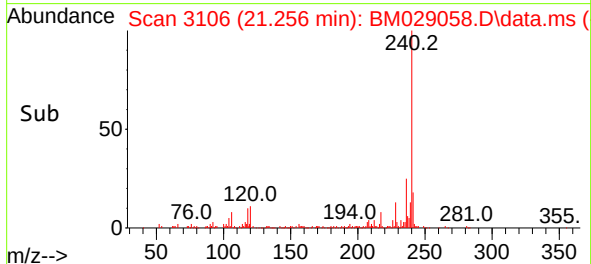
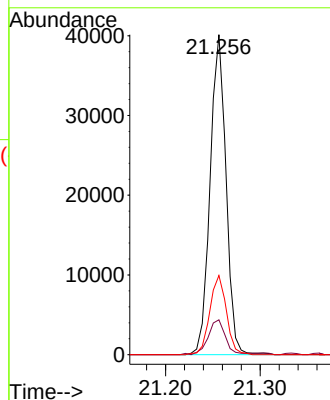
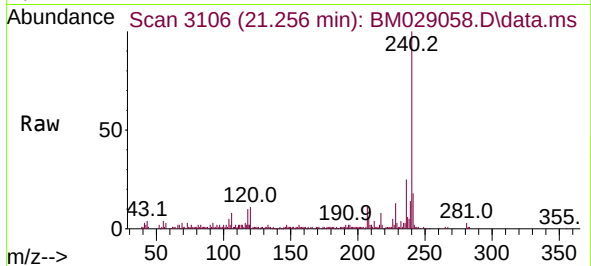
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:240 Resp: 46731
Ion Ratio Lower Upper
240 100
120 10.9 6.4 9.6#
236 24.7 20.1 30.1

Instrument :
BNA_M
ClientSampleId :
BIN-3

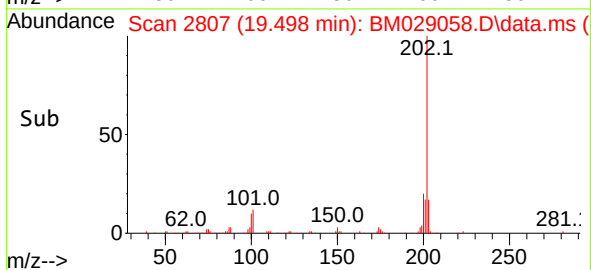
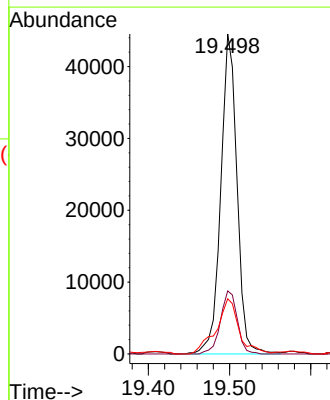
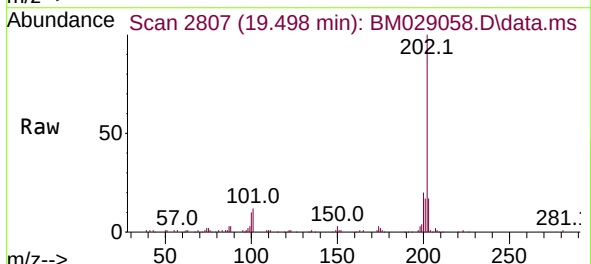
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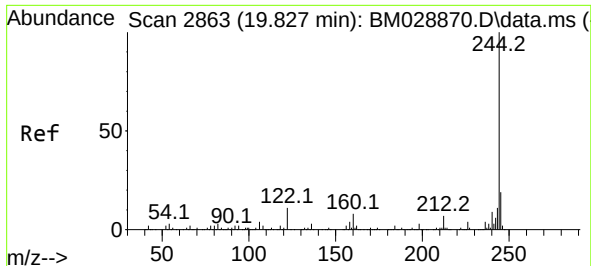
mohammad
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#78
Pyrene
Concen: 18.09 ng
RT: 19.498 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:202 Resp: 62090
Ion Ratio Lower Upper
202 100
200 19.7 16.6 24.8
203 17.3 13.8 20.6





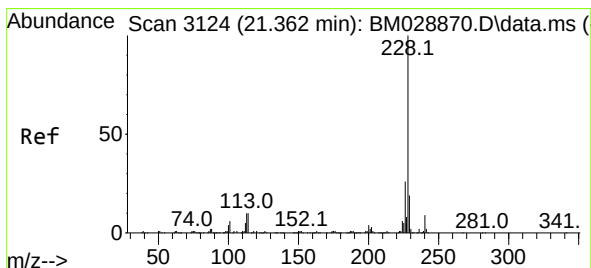
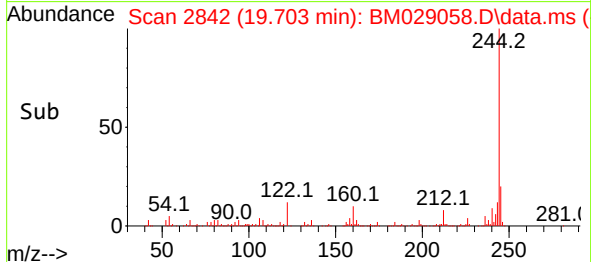
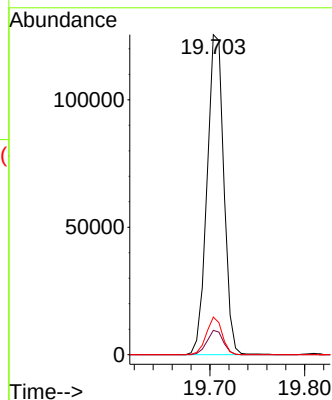
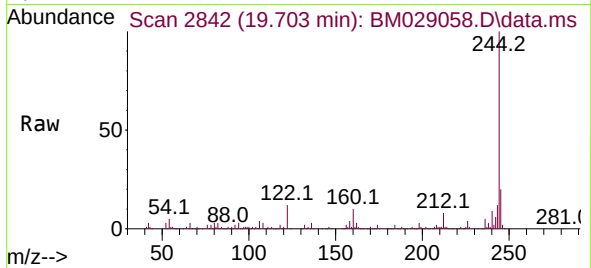
#79
 Terphenyl-d14
 Concen: 60.93 ng
 RT: 19.703 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BM029058.D
 Acq: 09 Mar 2021 22:32

Tgt Ion:244 Resp: 154215
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 11.8 6.5 9.7#

Instrument :
 BNA_M
 ClientSampled :
 BIN-3

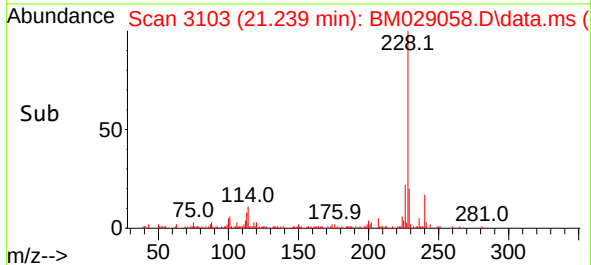
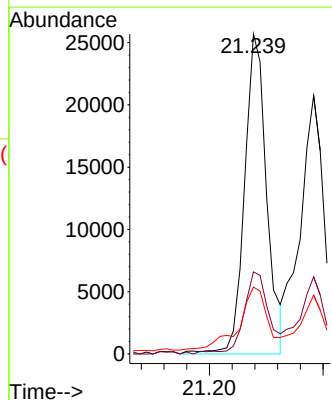
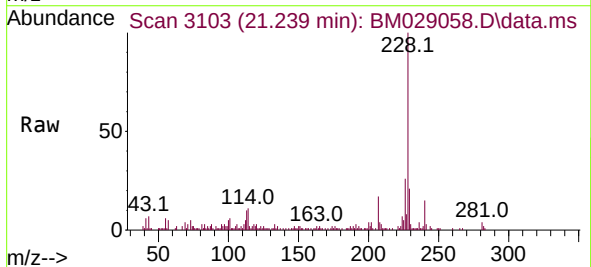
Manual Integrations
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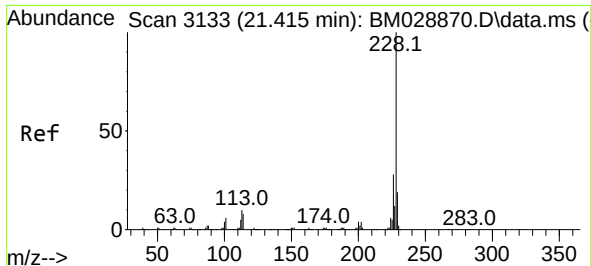
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#81
 Benzo(a)anthracene
 Concen: 10.71 ng
 RT: 21.239 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM029058.D
 Acq: 09 Mar 2021 22:32

Tgt Ion:228 Resp: 34732
 Ion Ratio Lower Upper
 228 100
 226 25.7 21.1 31.7
 229 20.9 15.7 23.5





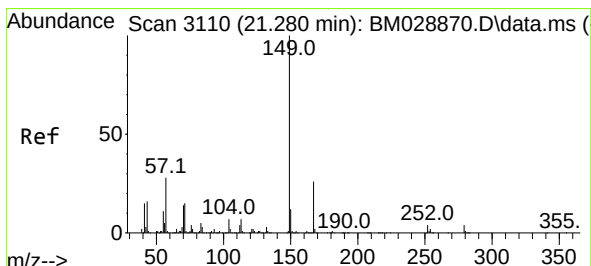
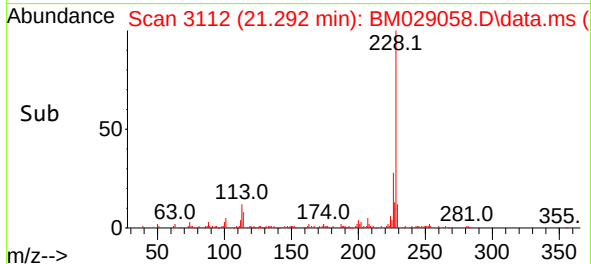
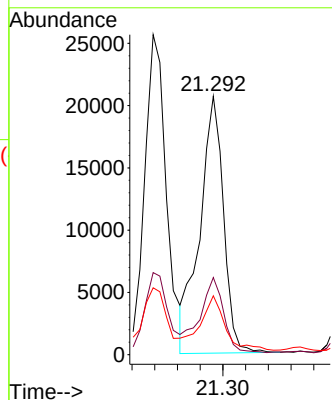
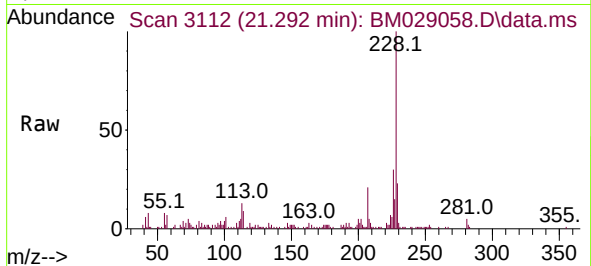
#83
Chrysene
Concen: 9.48 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:228 Resp: 29967
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.0
229 22.8 15.7 23.5

Instrument :
BNA_M
ClientSampled :
BIN-3

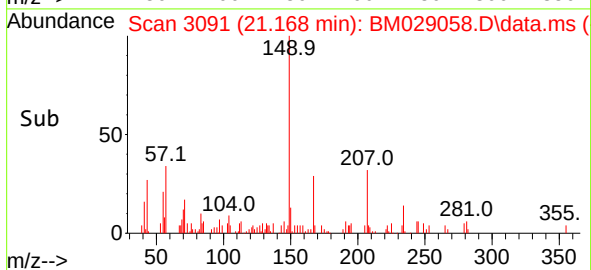
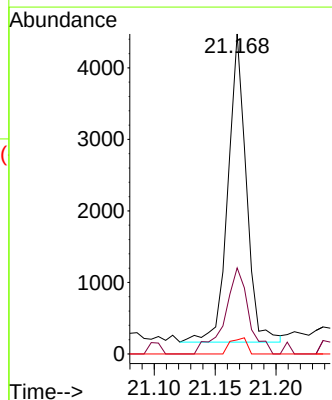
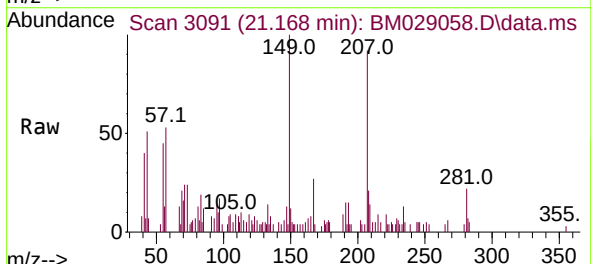
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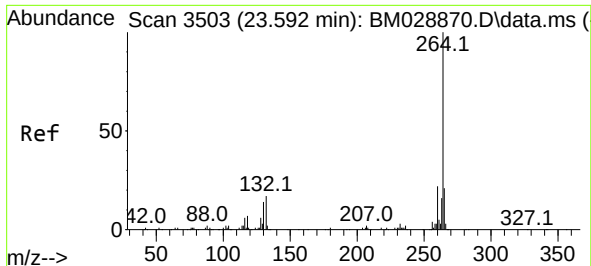
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.12 ng
RT: 21.168 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:149 Resp: 4508
Ion Ratio Lower Upper
149 100
167 26.9 22.7 34.1
279 4.4 4.0 6.0





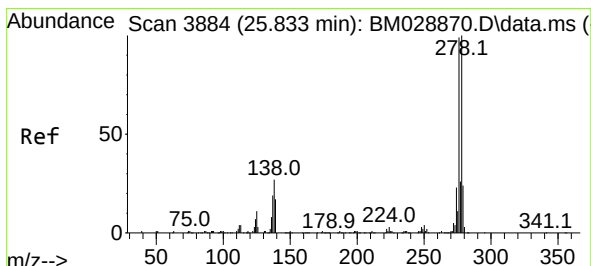
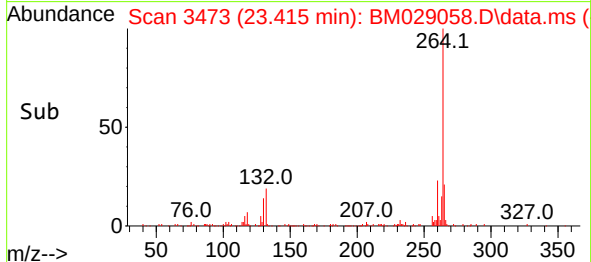
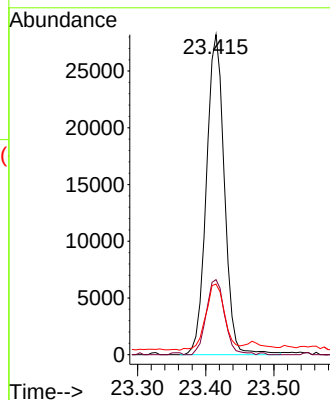
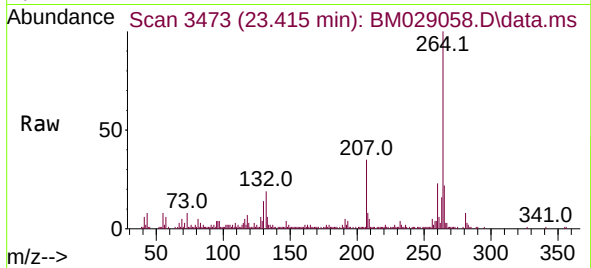
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion: 264 Resp: 51729
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.1 17.7 26.5

Instrument :
BNA_M
ClientSampled :
BIN-3

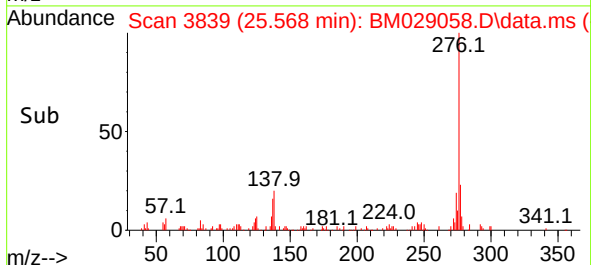
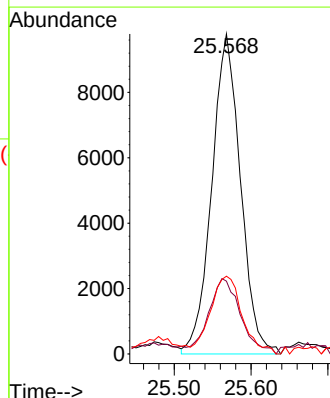
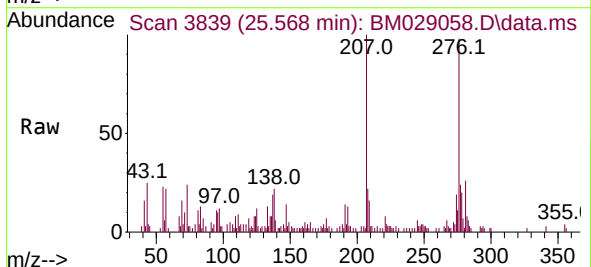
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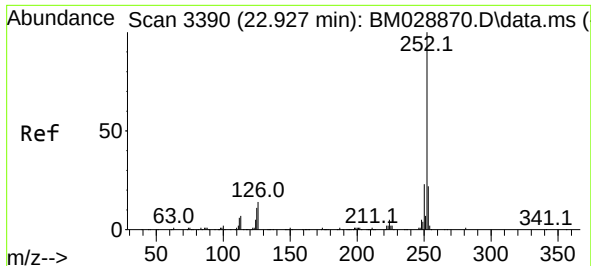
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.51 ng m
RT: 25.568 min Scan# 3839
Delta R.T. -0.018 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion: 276 Resp: 25419
Ion Ratio Lower Upper
276 100
138 1.8 14.2 21.4#
277 3.2 19.8 29.8#





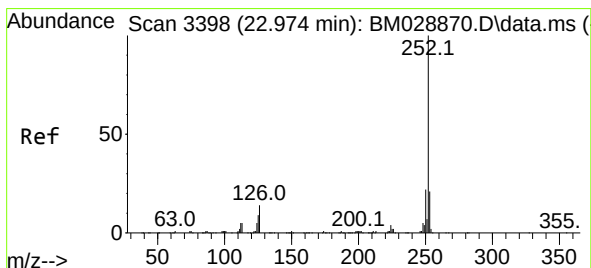
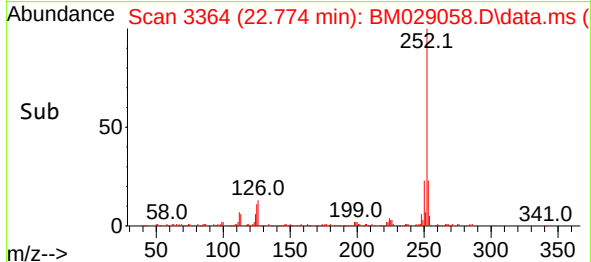
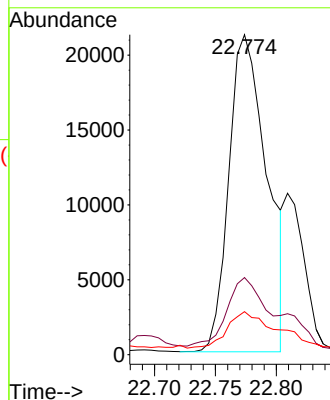
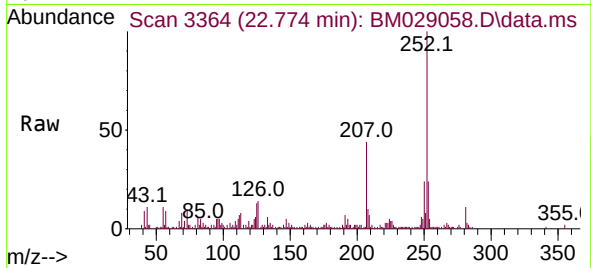
#88
Benzo(b)fluoranthene
Concen: 12.59 ng m
RT: 22.774 min Scan# 3364
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:252 Resp: 46002
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 13.5 5.7 8.5#

Instrument :
BNA_M
ClientSampled :
BIN-3

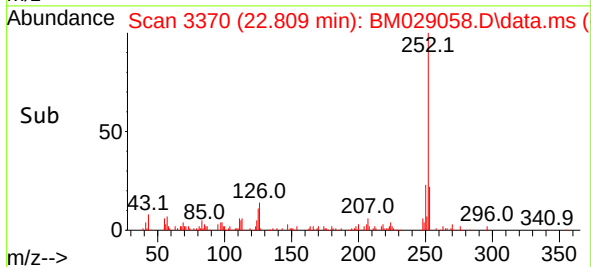
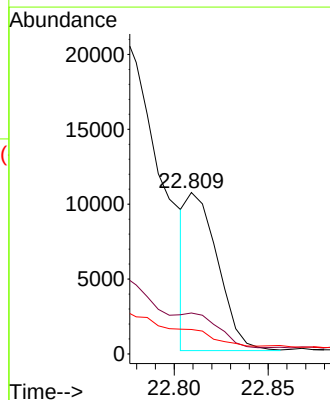
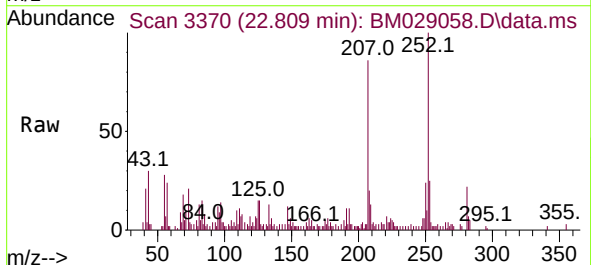
Manual Integrations
APPROVED

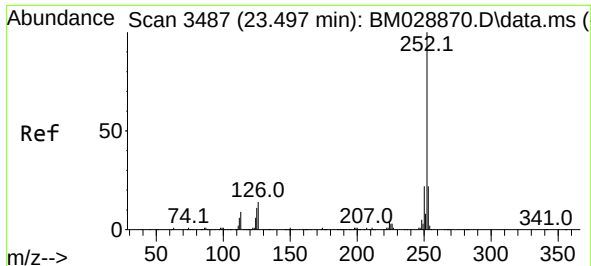
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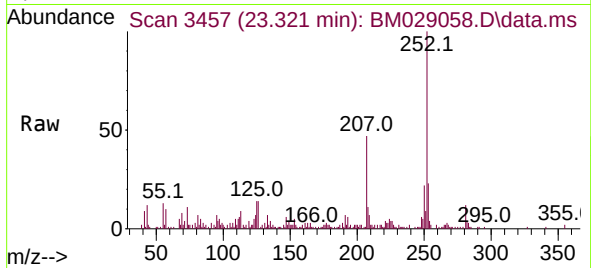
#89
Benzo(k)fluoranthene
Concen: 3.46 ng m
RT: 22.809 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32

Tgt Ion:252 Resp: 12007
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.0
125 15.1 5.6 8.4#

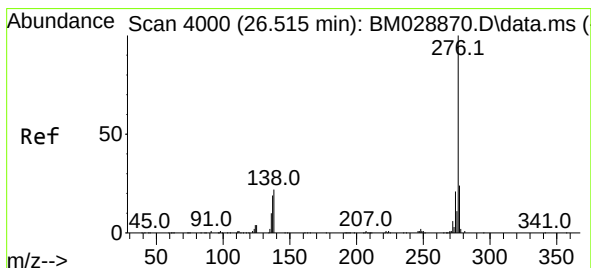
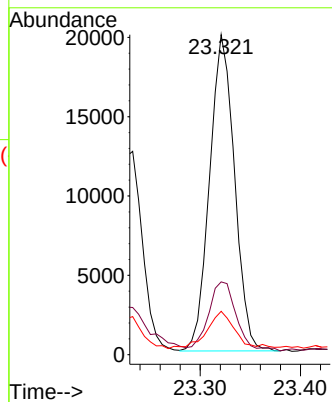
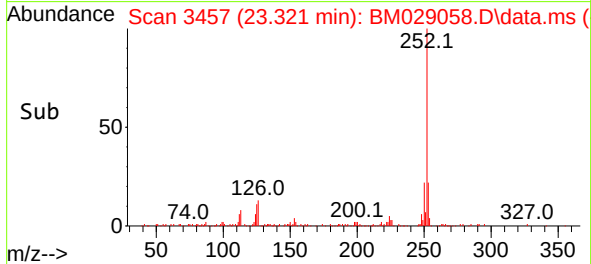




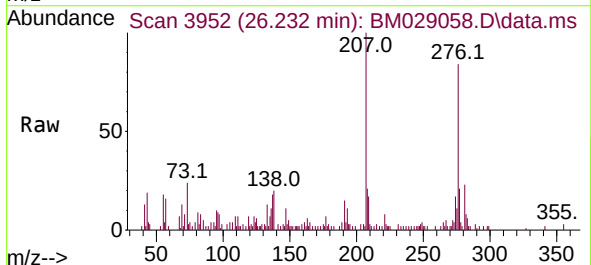
#90
Benzo(a)pyrene
Concen: 10.33 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.012 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32



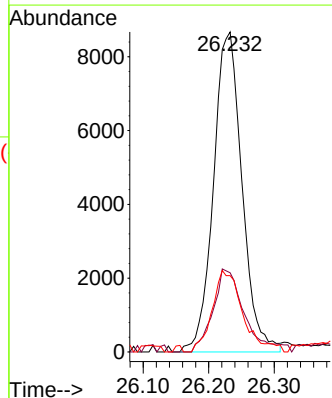
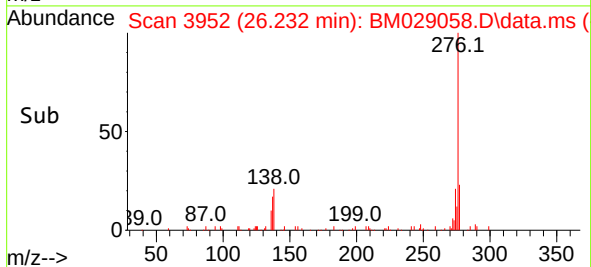
Tgt Ion:252 Resp: 34448
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.6 6.6 9.8#



#92
Benzo(g,h,i)perylene
Concen: 8.01 ng
RT: 26.232 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BM029058.D
Acq: 09 Mar 2021 22:32



Tgt Ion:276 Resp: 26231
Ion Ratio Lower Upper
276 100
277 24.8 18.6 28.0
138 23.9 12.2 18.2#



Instrument :
BNA_M
ClientSampled :
BIN-3

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