

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022521\
 Data File : BM028893.D
 Acq On : 25 Feb 2021 10:57
 Operator : CG/JU
 Sample : M1462-01DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-022221DL

Manual Integrations
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mohammad
 2/26/2021 10:42:26 AM

Quant Time: Feb 25 11:34:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 16:39:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	21486	20.00	ng	-0.01
21) Naphthalene-d8	10.604	136	85863	20.00	ng	#-0.01
39) Acenaphthene-d10	14.463	164	50459	20.00	ng	-0.01
64) Phenanthrene-d10	17.204	188	97010	20.00	ng	-0.01
76) Chrysene-d12	21.362	240	71589	20.00	ng	#-0.01
86) Perylene-d12	23.574	264	70124	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	10763	8.30	ng	0.00
7) Phenol-d6	6.987	99	13382	7.82	ng	-0.01
23) Nitrobenzene-d5	8.975	82	8157	5.13	ng	-0.02
42) 2,4,6-Tribromophenol	15.957	330	4232	7.08	ng	-0.01
45) 2-Fluorobiphenyl	13.075	172	18628	4.91	ng	-0.01
79) Terphenyl-d14	19.815	244	19856	5.12	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.522	154	8574	2.76	ng	99
58) Fluorene	15.510	166	14388	3.67	ng	99
71) Phenanthrene	17.245	178	135235	23.41	ng	99
72) Anthracene	17.339	178	51165	8.94	ng	98
74) Di-n-butylphthalate	18.274	149	44004	7.05	ng	# 89
75) Fluoranthene	19.257	202	136603	21.52	ng	97
78) Pyrene	19.621	202	98733	18.77	ng	99
81) Benzo(a)anthracene	21.351	228	48104	9.68	ng	98
83) Chrysene	21.403	228	39941	8.25	ng	97
87) Indeno(1,2,3-cd)pyrene	25.797	276	20310	3.84	ng	# 93
88) Benzo(b)fluoranthene	22.915	252	45575	9.20	ng	# 96
89) Benzo(k)fluoranthene	22.956	252	13454m	2.86	ng	
90) Benzo(a)pyrene	23.480	252	31895	7.06	ng	# 93
92) Benzo(g,h,i)perylene	26.485	276	17673	3.98	ng	# 91

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

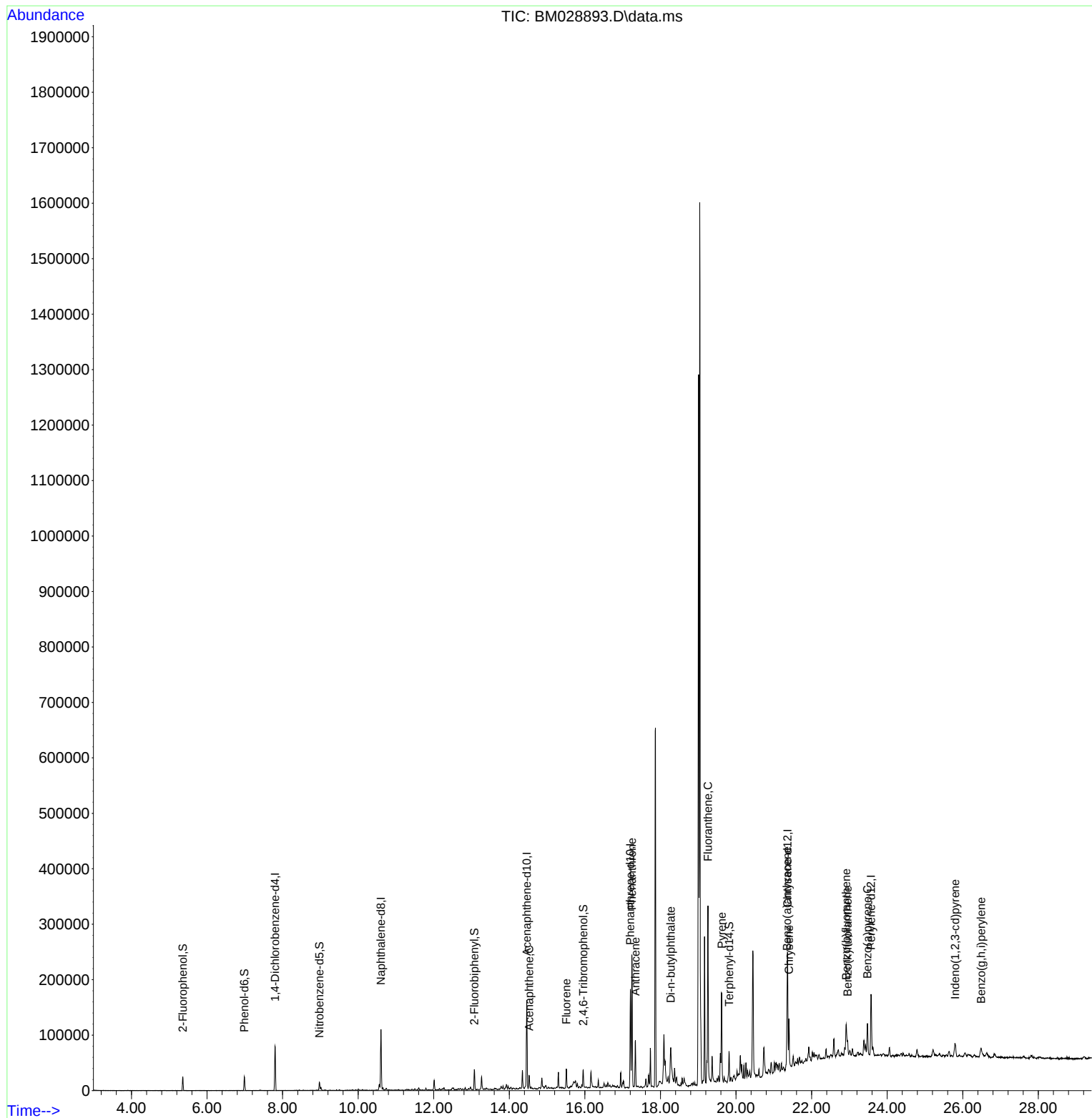
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022521\
Data File : BM028893.D
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Operator : CG/JU
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ALS Vial : 4 Sample Multiplier: 1

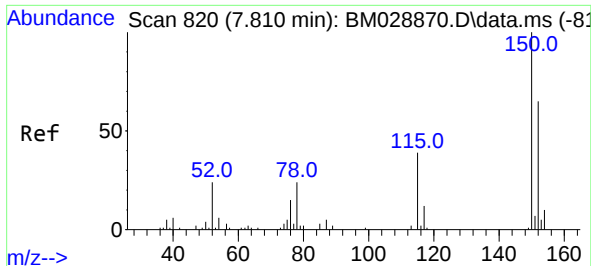
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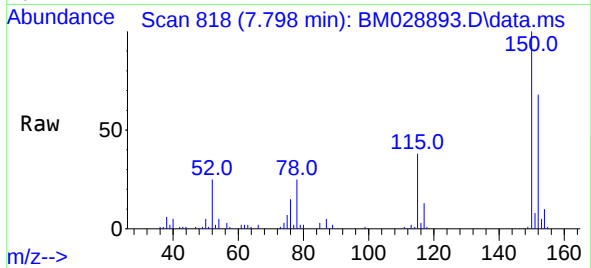
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

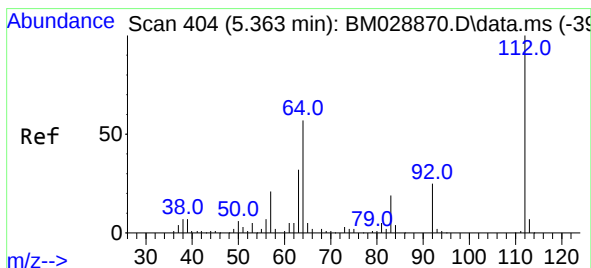
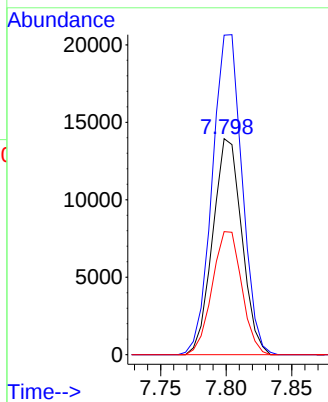
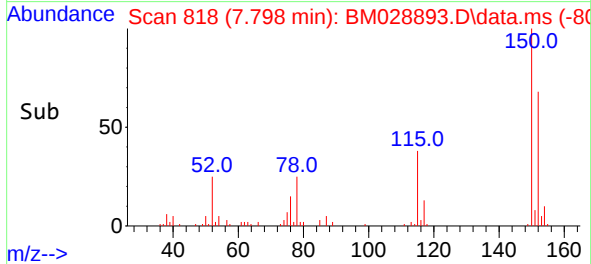




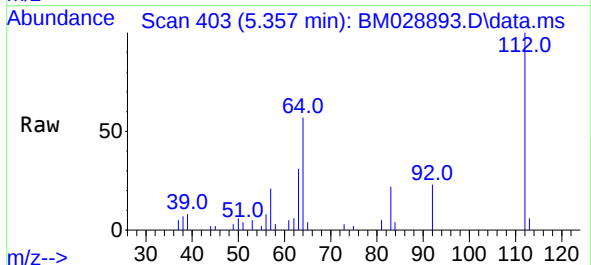
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57



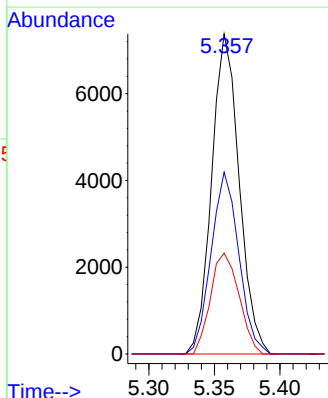
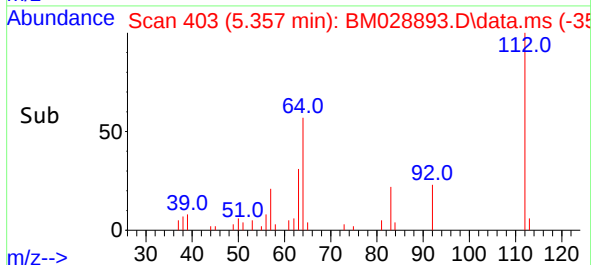
Tgt Ion:152 Resp: 21486
Ion Ratio Lower Upper
152 100
150 147.9 120.6 181.0
115 56.9 47.2 70.8



#5
2-Fluorophenol
Concen: 8.30 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57



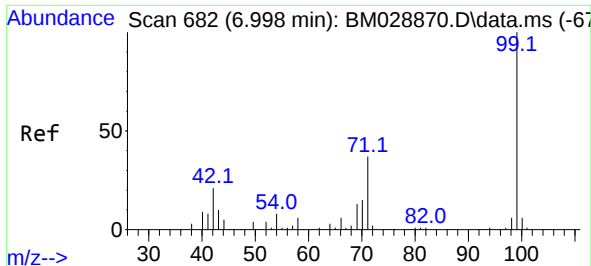
Tgt Ion:112 Resp: 10763
Ion Ratio Lower Upper
112 100
64 56.8 50.6 76.0
63 31.5 31.0 46.6



Instrument :
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CL-01-022221DL

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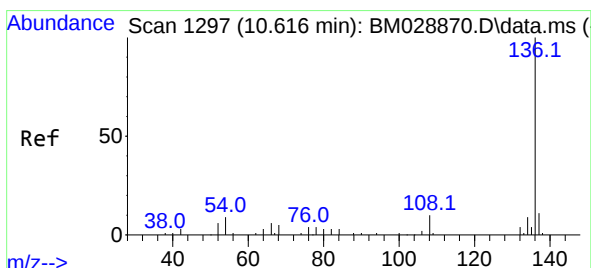
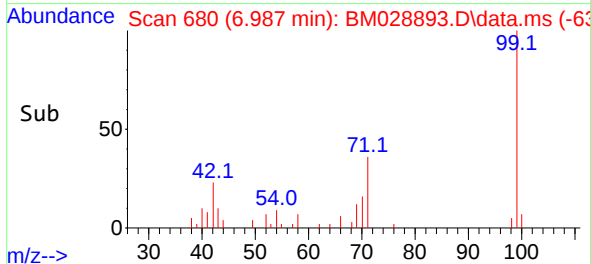
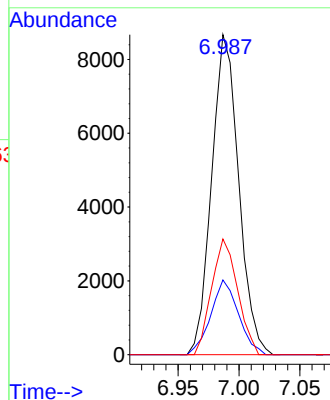
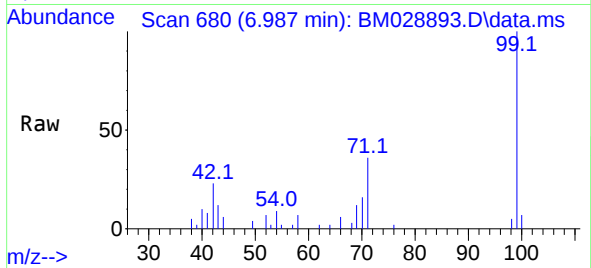
#7
Phenol-d6
Concen: 7.82 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.012 min
Lab File: BM028893.D
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Tgt Ion: 99 Resp: 13382
Ion Ratio Lower Upper
99 100
42 23.4 13.5 20.3#
71 36.1 39.4 59.0#

Instrument :
BNA_M
ClientSampleID :
CL-01-022221DL

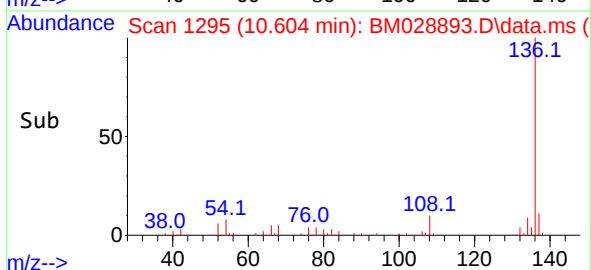
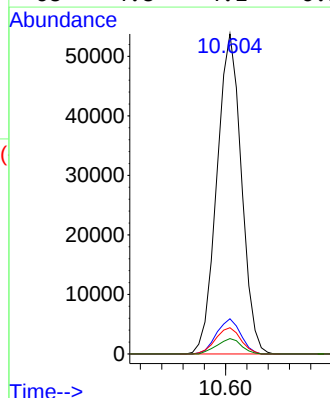
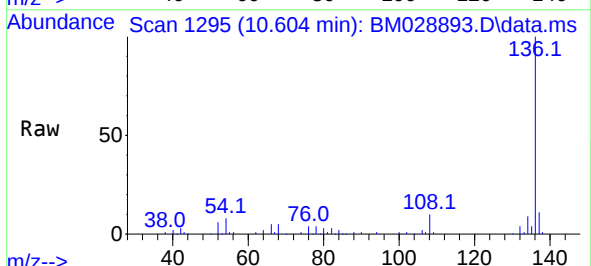
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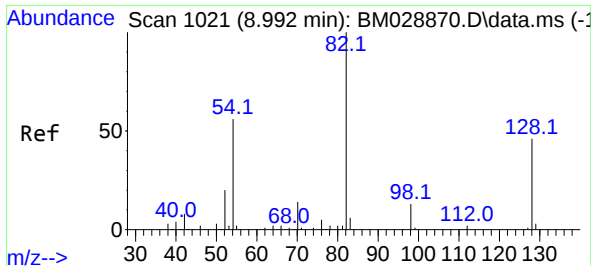
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion: 136 Resp: 85863
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.2 4.6 7.0#
68 4.8 4.1 6.1





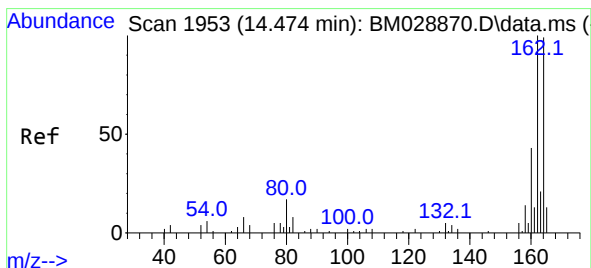
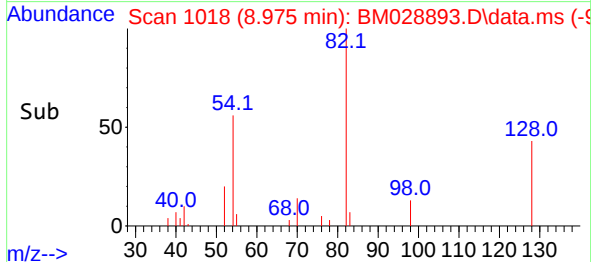
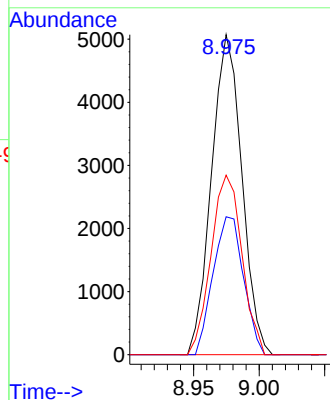
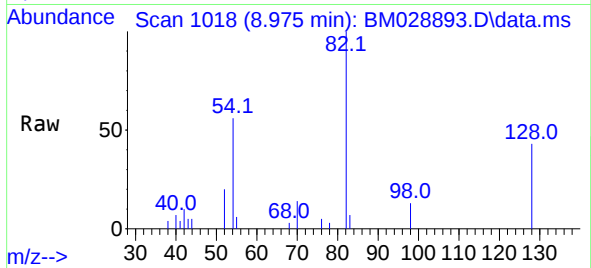
#23
Nitrobenzene-d5
Concen: 5.13 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:	82	Resp:	8157
Ion	Ratio	Lower	Upper
82	100		
128	43.1	27.4	41.0#
54	56.1	31.4	47.0#

Instrument :
BNA_M
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CL-01-022221DL

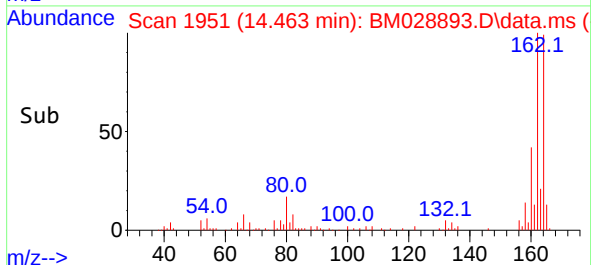
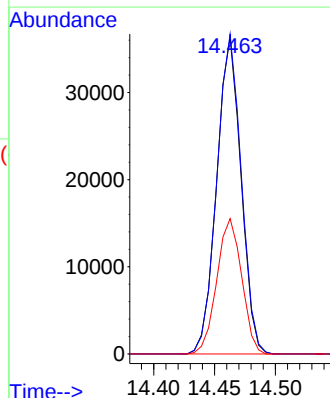
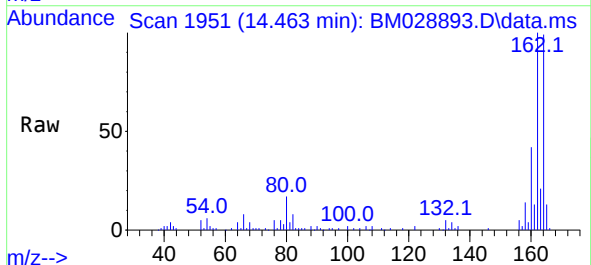
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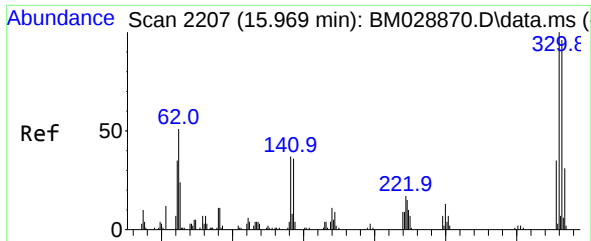
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

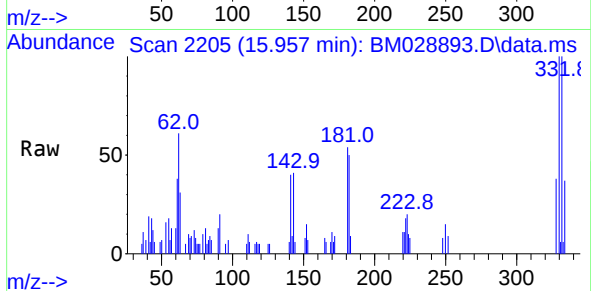
Tgt Ion:	164	Resp:	50459
Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.4	120.6
160	42.8	35.9	53.9





#42
2,4,6-Tribromophenol
Concen: 7.08 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

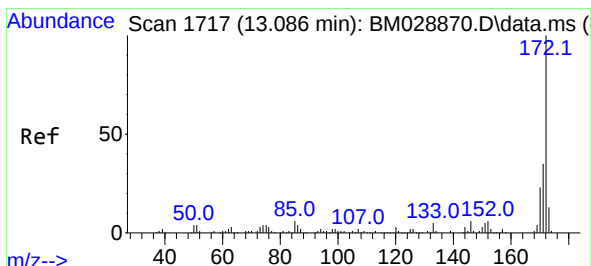
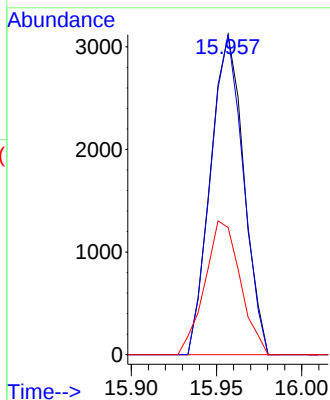
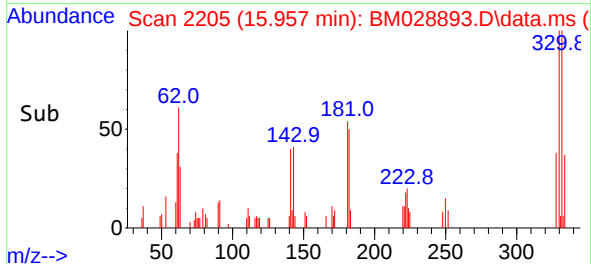
Instrument :
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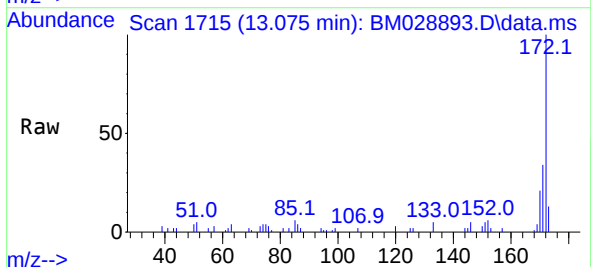
Tgt Ion:330 Resp: 4232
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.8
141 44.6 28.4 42.6#

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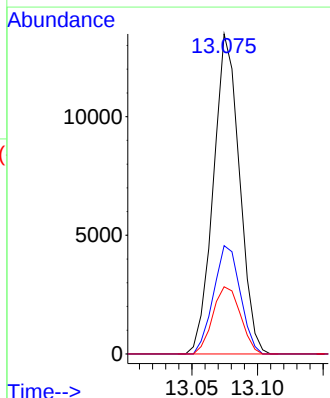
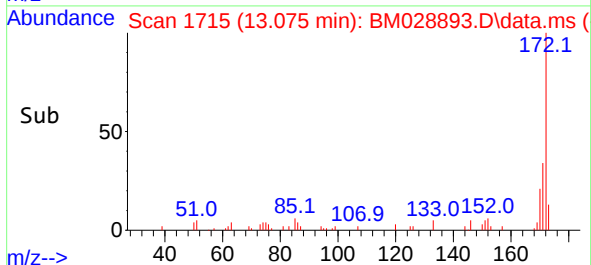
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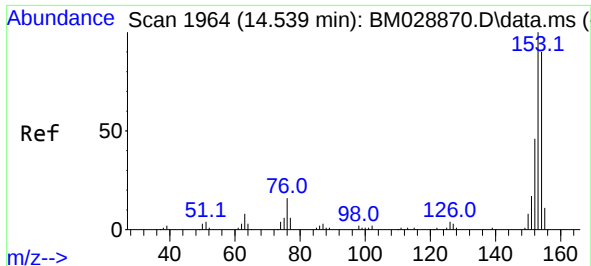


#45
2-Fluorobiphenyl
Concen: 4.91 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57



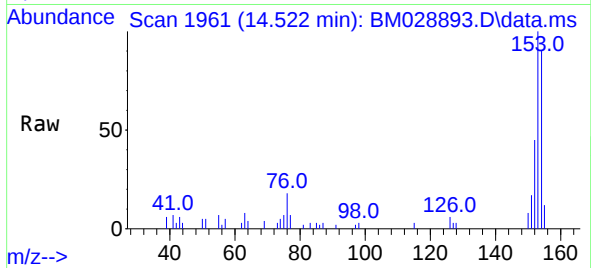
Tgt Ion:172 Resp: 18628
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 21.0 18.6 27.8





#52
Acenaphthene
Concen: 2.76 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

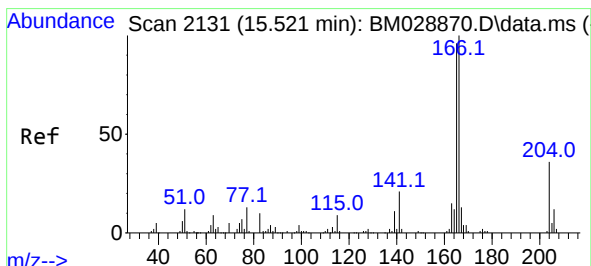
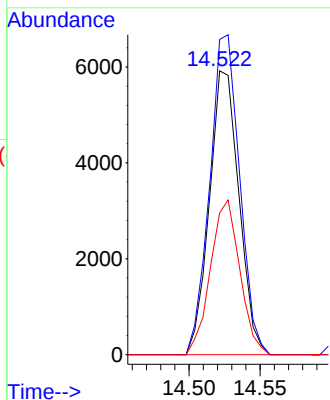
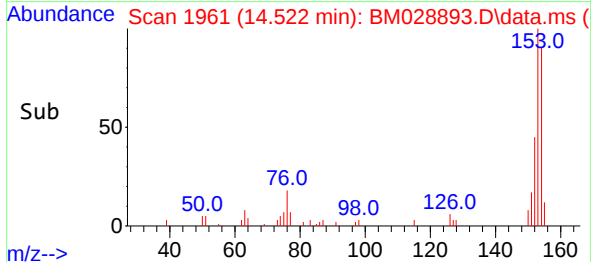
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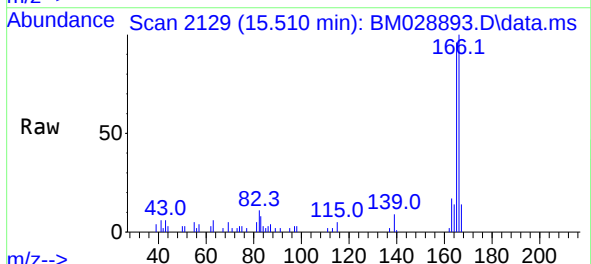
Tgt Ion:154 Resp: 8574
Ion Ratio Lower Upper
154 100
153 111.0 88.3 132.5
152 50.0 41.4 62.2

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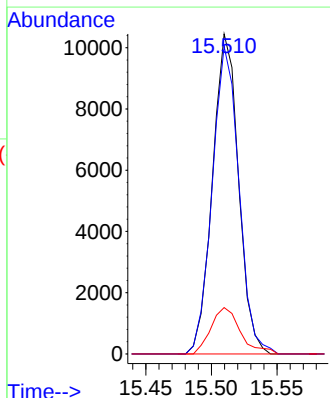
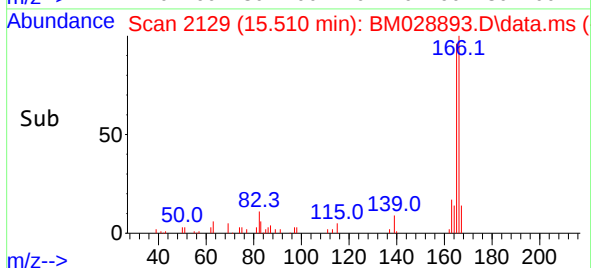
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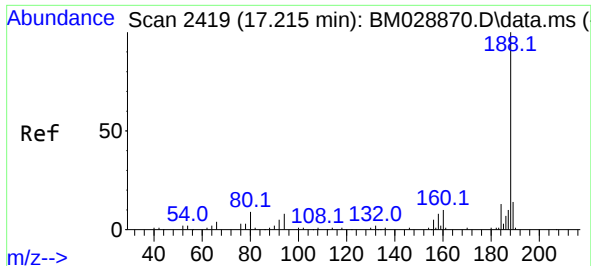


#58
Fluorene
Concen: 3.67 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57



Tgt Ion:166 Resp: 14388
Ion Ratio Lower Upper
166 100
165 96.1 76.2 114.2
167 14.5 10.7 16.1





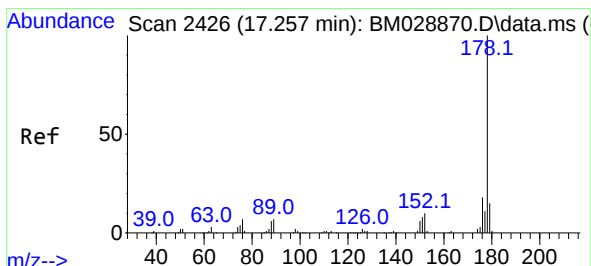
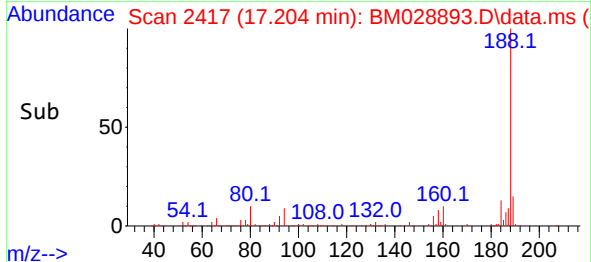
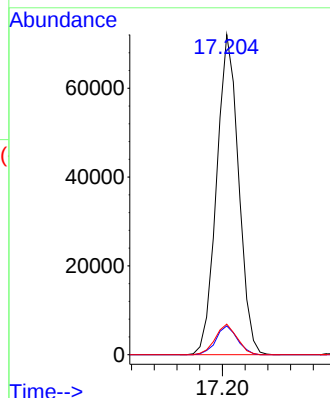
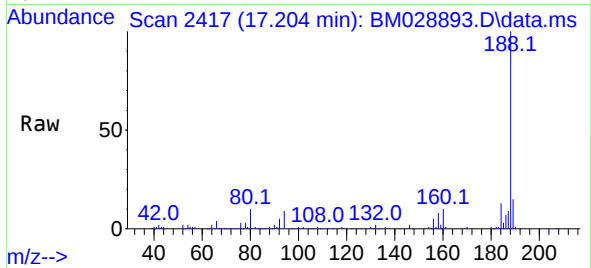
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:188 Resp: 97010
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.4
80 9.6 7.5 11.3

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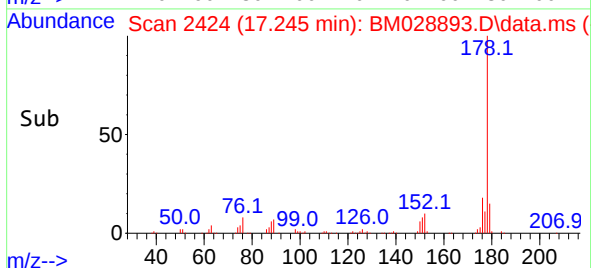
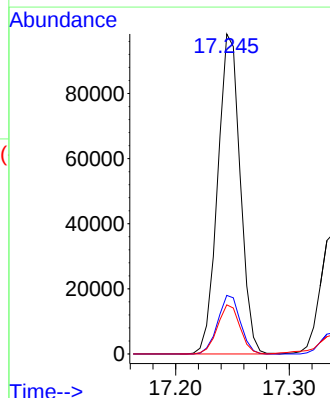
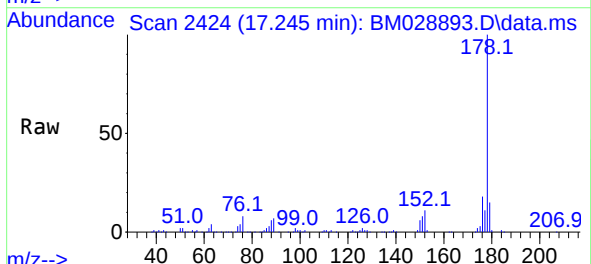
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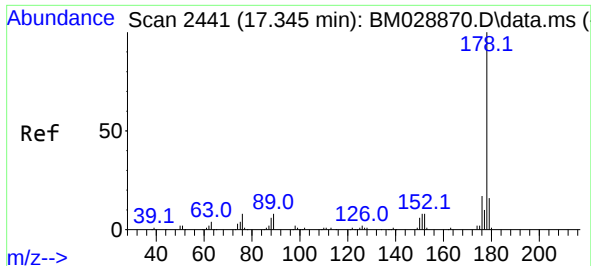
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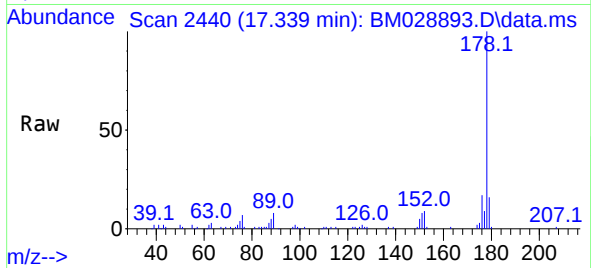
#71
Phenanthrene
Concen: 23.41 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:178 Resp: 135235
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.4 12.2 18.4

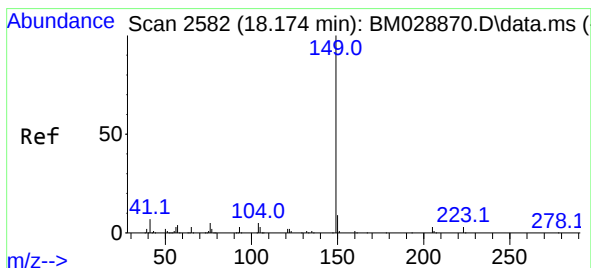
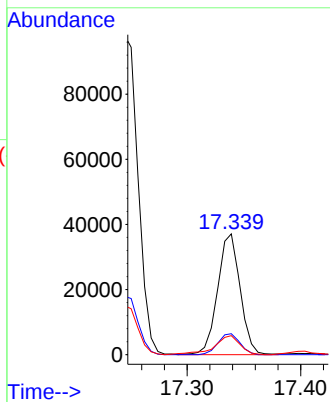
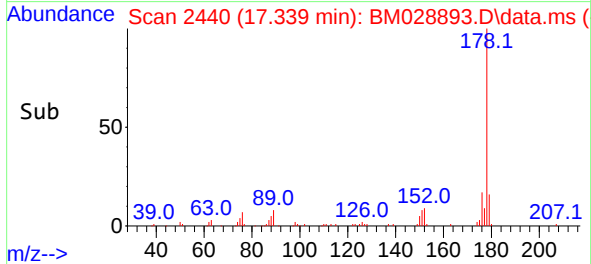




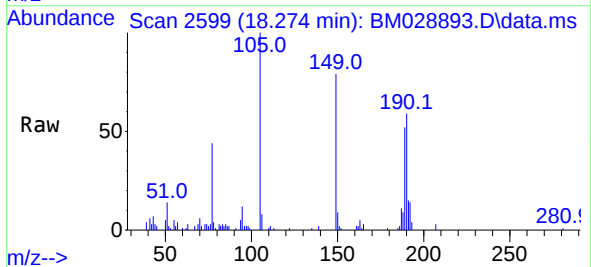
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 Anthracene
 Concen: 8.94 ng
 RT: 17.339 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BM028893.D
 Acq: 25 Feb 2021 10:57



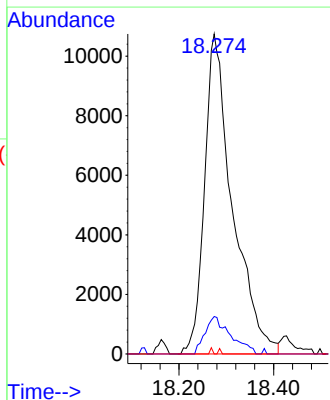
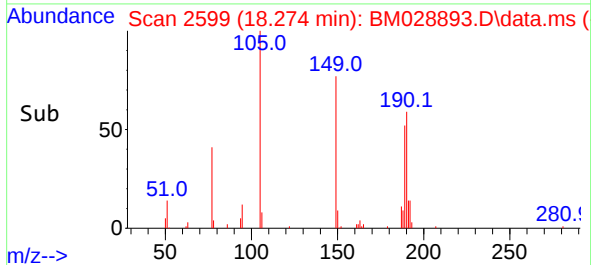
Tgt Ion:178 Resp: 51165
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.0 22.4
 179 15.8 12.5 18.7



#74
 Di-n-butylphthalate
 Concen: 7.05 ng
 RT: 18.274 min Scan# 2599
 Delta R.T. 0.100 min
 Lab File: BM028893.D
 Acq: 25 Feb 2021 10:57



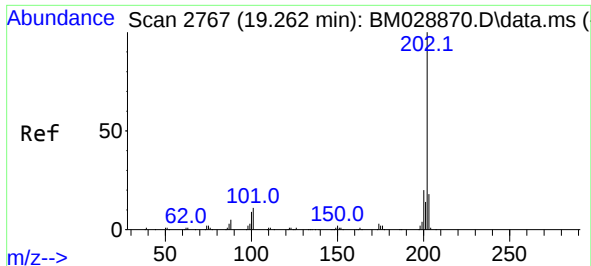
Tgt Ion:149 Resp: 44004
 Ion Ratio Lower Upper
 149 100
 150 11.7 7.4 11.0#
 104 0.0 4.7 7.1#



Instrument :
 BNA_M
 ClientSampleID :
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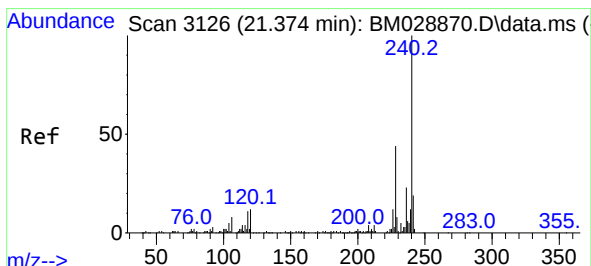
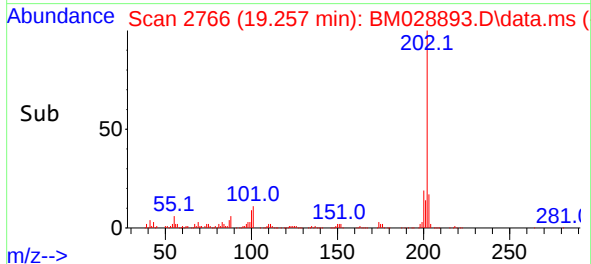
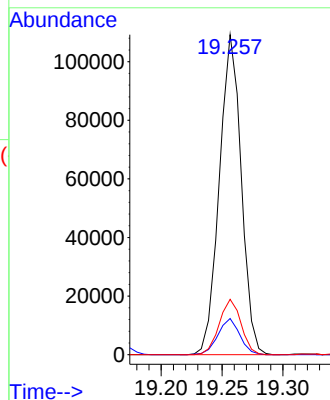
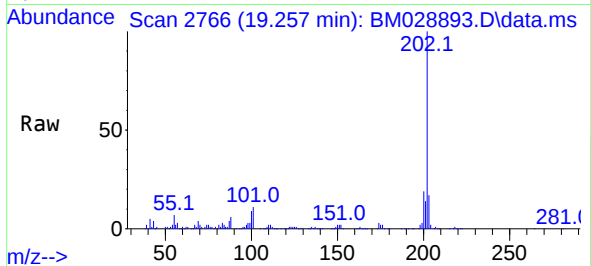
#75
Fluoranthene
Concen: 21.52 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:202 Resp: 136603
Ion Ratio Lower Upper
202 100
101 11.3 0.0 28.5
203 17.3 0.0 37.3

Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

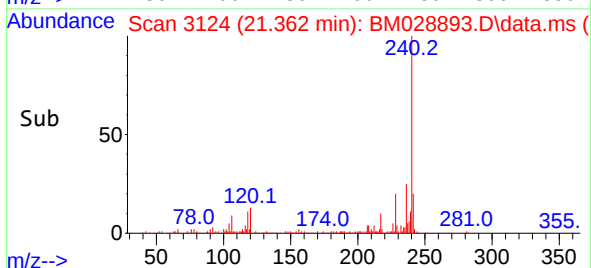
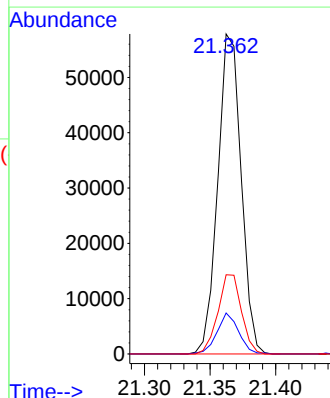
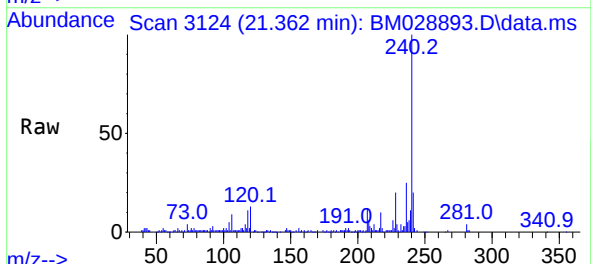
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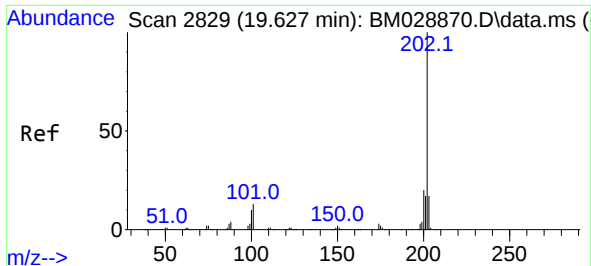
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:240 Resp: 71589
Ion Ratio Lower Upper
240 100
120 12.8 6.4 9.6#
236 24.7 20.1 30.1





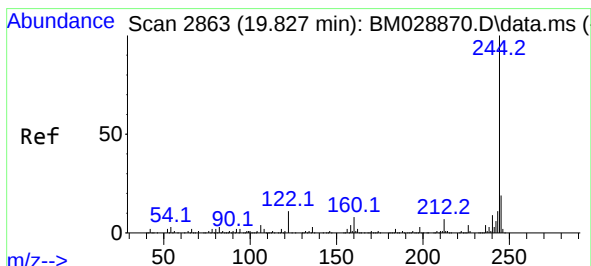
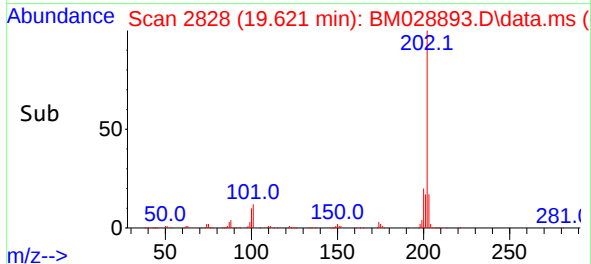
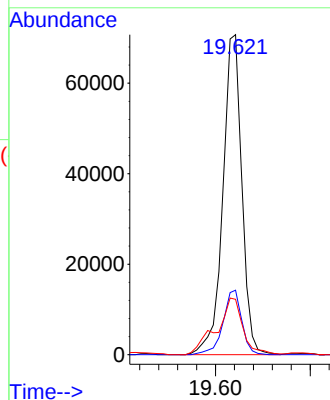
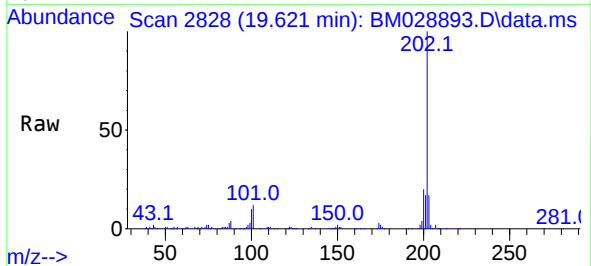
#78
Pyrene
Concen: 18.77 ng
RT: 19.621 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:202	Resp:	98733
Ion Ratio	Lower	Upper
202	100	
200	20.2	16.6 24.8
203	17.3	13.8 20.6

Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

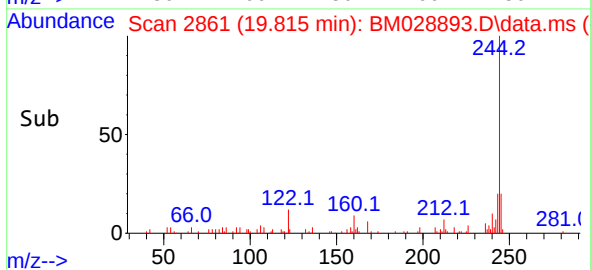
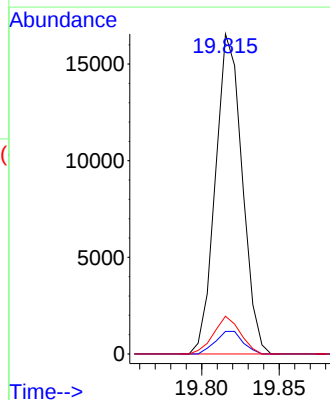
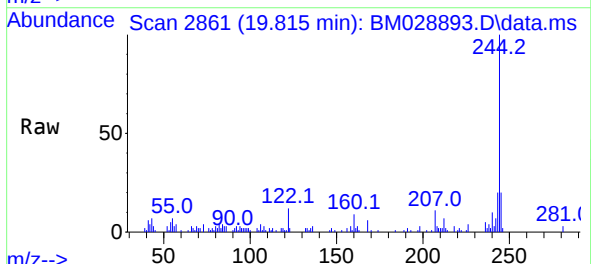
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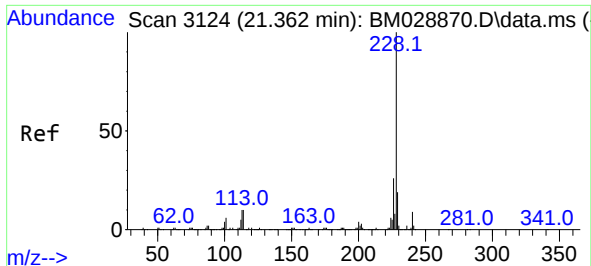
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#79
Terphenyl-d14
Concen: 5.12 ng
RT: 19.815 min Scan# 2861
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:244	Resp:	19856
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.8 8.8
122	11.8	6.5 9.7#





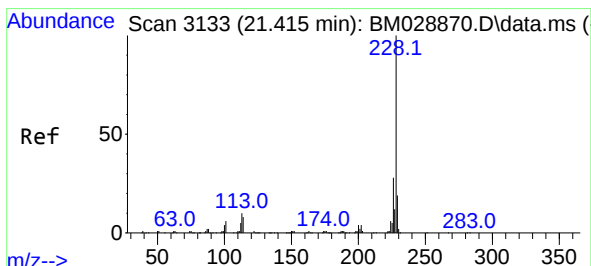
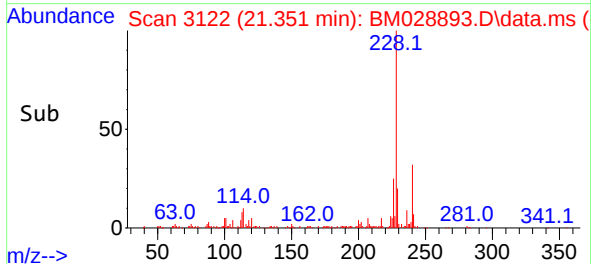
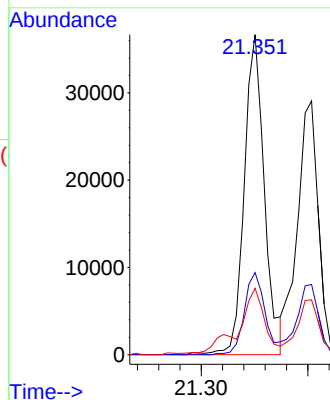
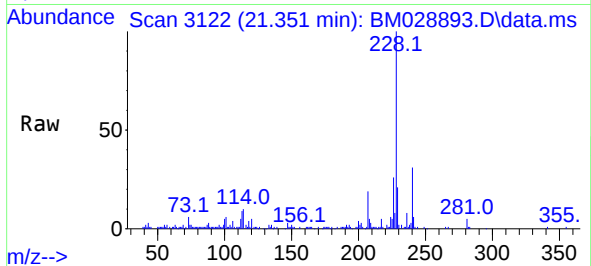
#81
Benzo(a)anthracene
Concen: 9.68 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.1	31.7
229	20.8	15.7	23.5

Instrument :
BNA_M
ClientSampleID :
CL-01-022221DL

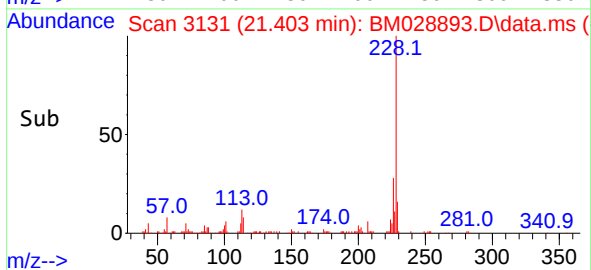
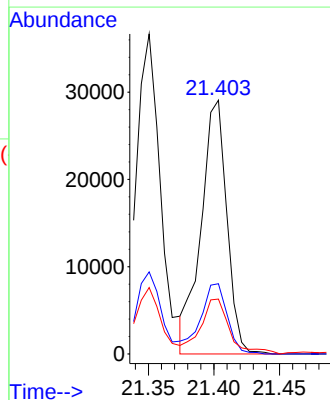
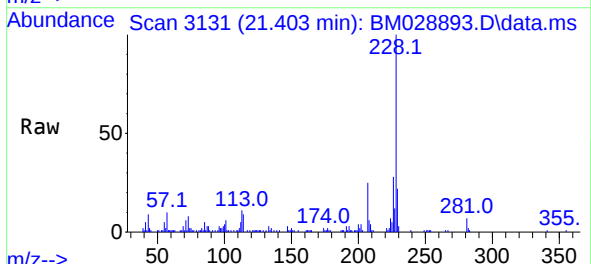
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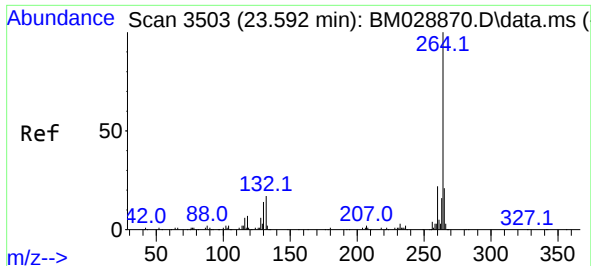
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#83
Chrysene
Concen: 8.25 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.0
229	21.6	15.7	23.5





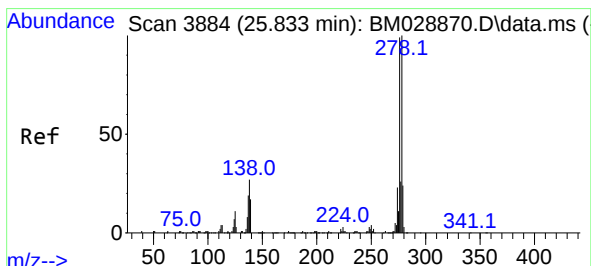
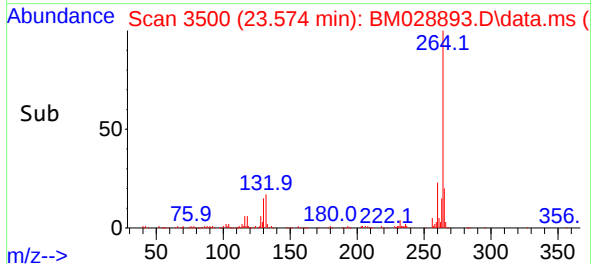
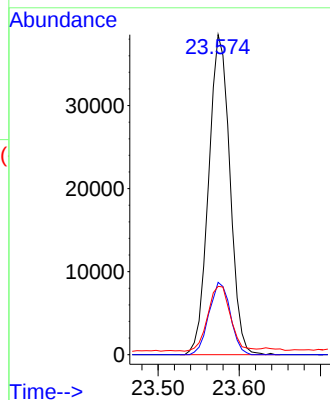
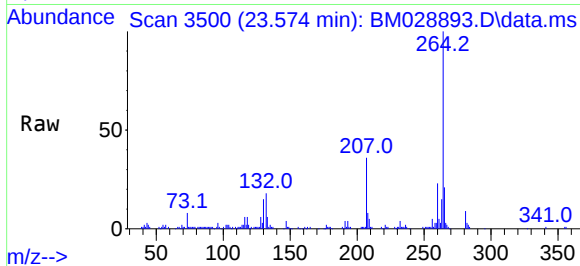
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.574 min Scan# 3500
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:	264	Resp:	70124
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.0	28.4
265	21.4	17.7	26.5

Instrument :
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ClientSampleId :
CL-01-022221DL

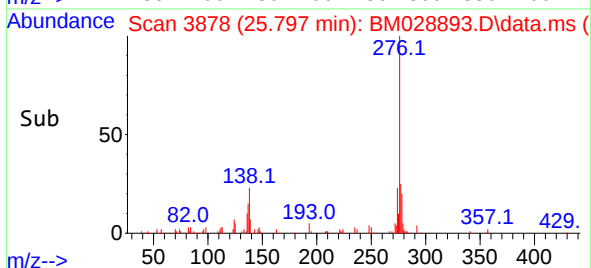
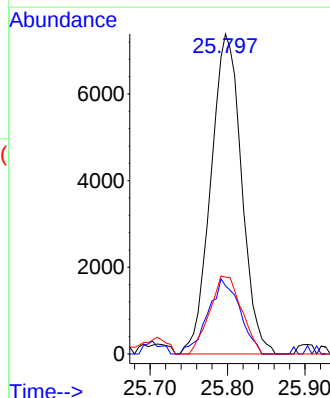
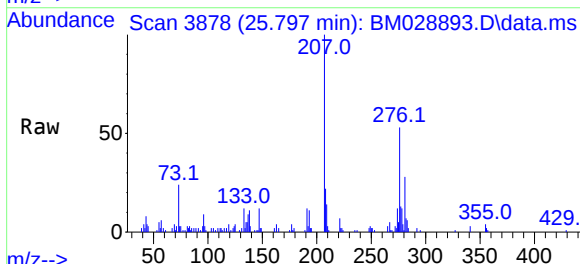
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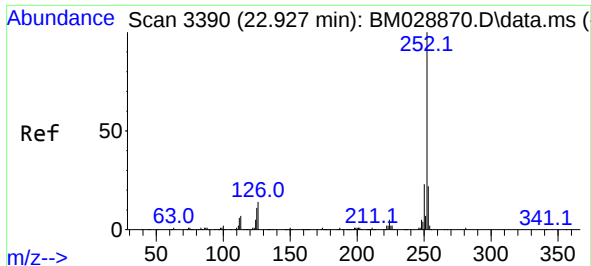
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.84 ng
RT: 25.797 min Scan# 3878
Delta R.T. -0.035 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:	276	Resp:	20310
Ion Ratio	Lower	Upper	
276	100		
138	24.3	14.2	21.4#
277	25.2	19.8	29.8





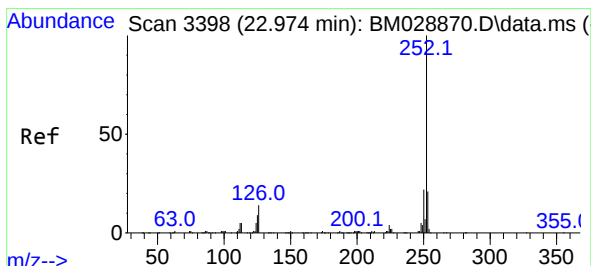
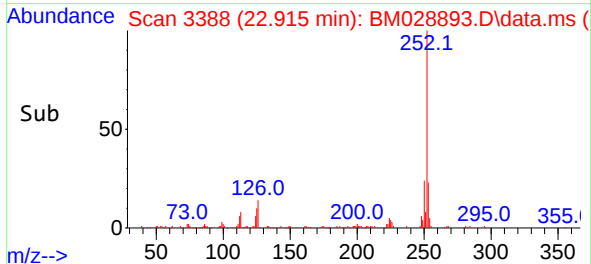
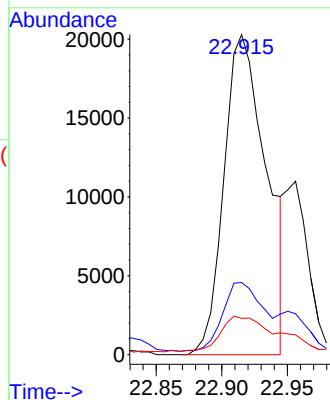
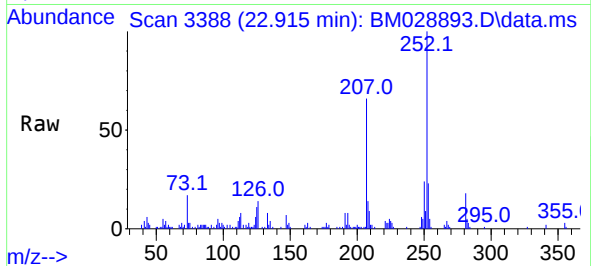
#88
Benzo(b)fluoranthene
Concen: 9.20 ng
RT: 22.915 min Scan# 3388
Delta R.T. -0.012 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:252 Resp: 45575
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.4 5.7 8.5#

Instrument :
BNA_M
ClientSampleId :
CL-01-022221DL

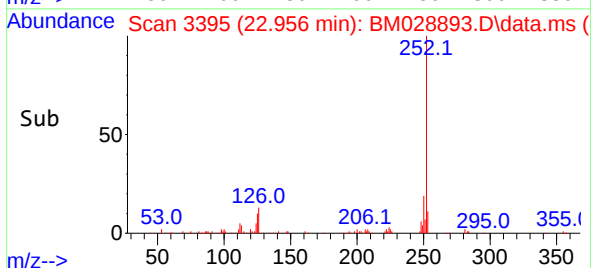
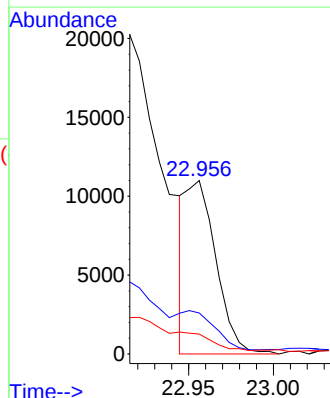
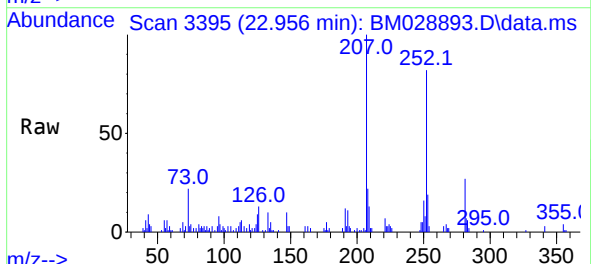
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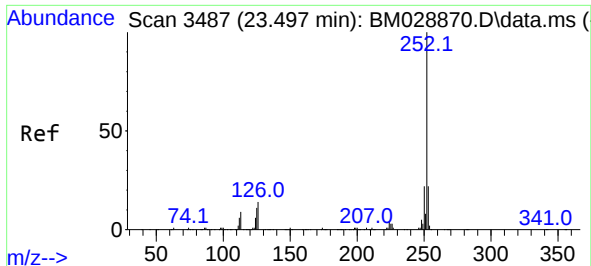
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#89
Benzo(k)fluoranthene
Concen: 2.86 ng m
RT: 22.956 min Scan# 3395
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:252 Resp: 13454
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 11.5 5.6 8.4#





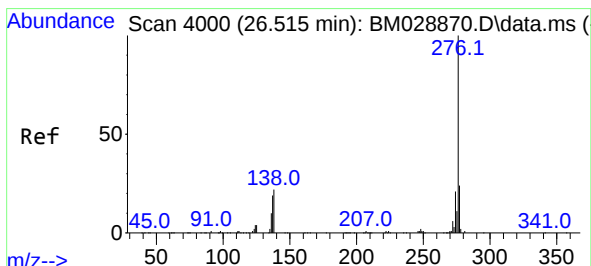
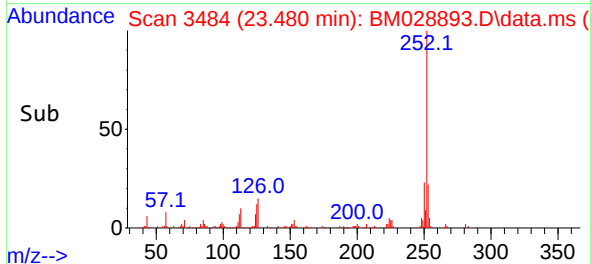
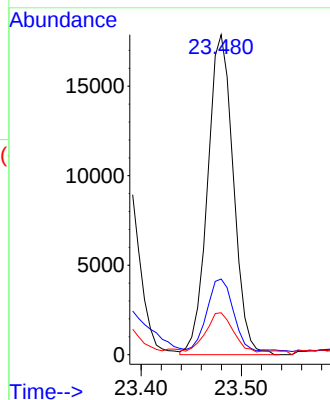
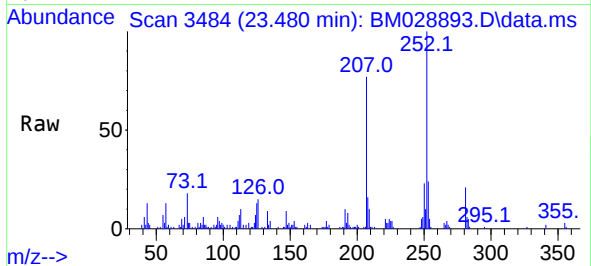
#90
Benzo(a)pyrene
Concen: 7.06 ng
RT: 23.480 min Scan# 3484
Delta R.T. -0.018 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:252 Resp: 31895
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 13.1 6.6 9.8#

Instrument :
BNA_M
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 3.98 ng
RT: 26.485 min Scan# 3995
Delta R.T. -0.029 min
Lab File: BM028893.D
Acq: 25 Feb 2021 10:57

Tgt Ion:276 Resp: 17673
Ion Ratio Lower Upper
276 100
277 25.2 18.6 28.0
138 22.6 12.2 18.2#

